



RADIO TEST REPORT

Applicant	:	XGIMI Technology Co., Ltd
Address of Applicant	:	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone, Sichuan Pilot Free Trade Zone, China
Manufacturer	:	XGIMI Technology Co., Ltd
Address of Manufacturer	:	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone, Sichuan Pilot Free Trade Zone, China
Equipment under Test	:	Projector
Model No.	:	XR03B, XR06B
Test Standard(s)	:	EN 300 328 V2.2.2 (2019-07)
Report No.	:	DDT-RE25090923-2E03
Issue Date	:	2026/01/30
Issued By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

Applicant	:	XGIMI Technology Co., Ltd
Address of Applicant	:	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone,Sichuan Pilot Free Trade Zone,China
Equipment under Test	:	Projector
Model No.	:	XR03B, XR06B
Manufacturer	:	XGIMI Technology Co., Ltd
Address of Manufacturer	:	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone, Sichuan Pilot Free Trade Zone,China

Test Standard Used:

EN 300 328 V2.2.2 (2019-07)

We Declare:

The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE25090923-2E03		
Date of Receipt:	2025/09/01	Date of Test:	2025/09/03 - 2025/12/19

Created: Jacky Huang	Reviewed: Johnson Huang	Approved: Damon Hu
		
2025/12/21	2026/01/30	2026/01/30

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
V0	Initial issue	2026/01/30	Damon Hu

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	RF output power	4.3.1.2 or 4.3.2.2	Apply all equipment	Pass
2	Power Spectral Density	4.3.2.3	Only for equipment using wide band modulations other than FHSS	Pass
3	Duty Cycle, Tx-Sequence, Tx-gap	4.3.1.3 or 4.3.2.4	Only for non-adaptive equipment	N/A
4	Accumulated Transmit time, Frequency Occupation & Hopping Sequence	4.3.1.4	Only for FHSS equipment	N/A
5	Hopping Frequency Separation	4.3.1.5	Only for FHSS	N/A
6	Medium Utilisation	4.3.1.6 or 4.3.2.5	Only for non-adaptive equipment	N/A
7	Adaptive	4.3.1.7 or 4.3.2.6	Only for adaptive equipment	Pass
8	Occupied Channel Bandwidth	4.3.1.8 or 4.3.2.7	Apply all equipment	Pass
9	Transmitter unwanted emissions in the OOB domain	4.3.1.9 or 4.3.2.8	Apply all equipment	Pass
10	Transmitter unwanted emissions in the spurious domain	4.3.1.10 or 4.3.2.9	Apply all equipment	Pass
11	Receiver spurious emissions	4.3.1.11 or 4.3.2.10	Apply all equipment	Pass
12	Receiver Blocking	4.3.1.12 or 4.3.2.11	Apply all equipment	Pass
13	Geo-location capability	4.3.1.13 or 4.3.2.12	Only for equipment with geo-location capability	N/A
Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.				

2. General Test Information

2.1. Description of EUT

EUT Name	: Projector
Model Number	: XR03B, XR06B
Difference of model number	: Both models listed in the test report are identical except for different model name, internal DC fans, laser module and main board with a few differences. The test model is XR03B (worst case).
EUT Function Description	: Please reference user manual of this device
Power Supply	: AC 100-240V/50/60Hz
Antenna Type	: FPC antenna
Max Antenna Gain (dBi)	: Ant1: 4.69 Ant2: 4.46

Radio Specification	: IEEE 802.11b/g/n/ax
Operation Frequency	: IEEE 802.11b: 2412MHz to 2472MHz IEEE 802.11g: 2412MHz to 2472MHz IEEE 802.11n20: 2412MHz to 2472MHz IEEE 802.11n40: 2422MHz to 2462MHz IEEE 802.11ax20: 2412MHz to 2472MHz IEEE 802.11ax40: 2422MHz to 2462MHz
Modulation	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax: OFDM, OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)

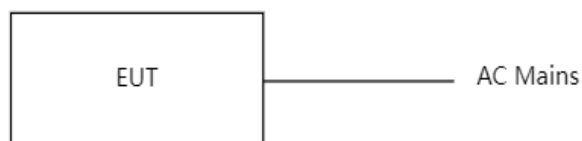
Channel information							
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
1	2412	5	2432	9	2452	13	2472
2	2417	6	2437	10	2457	/	/
3	2422	7	2442	11	2462	/	/
4	2427	8	2447	12	2467	/	/

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
/	/	/	/

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:

Test software: QA Tool.exe

The test software was used to control EUT work in Continuous Tx mode, RX mode and select test channel, wireless mode as below table.

The pathloss of external cable: 0.5dB (According to the manufacturer's claims)

Tested mode, channel, setting Tx power and rand data rate information					
Mode	Setting Tx Power		Data rate (Mbps) (see Note)	Channel	Frequency (MHz)
	ANT1	ANT2			
IEEE 802.11b	9.5	9.5	1	Low: CH1	2412
	9.5	9.5	1	Middle: CH7	2442
	9.5	9.5	1	High: CH13	2472
IEEE 802.11g	11.5	11.5	6	Low: CH1	2412
	11.5	11.5	6	Middle: CH7	2442
	11.5	11.5	6	High: CH13	2472
IEEE 802.11n HT20	9	9	MCS 8	Low: CH1	2412
	9	9	MCS 8	Middle: CH7	2442
	9	9	MCS 8	High: CH13	2472
IEEE 802.11n HT40	8.5	8.5	MCS 8	Low: CH3	2422
	8.5	8.5	MCS 8	Middle: CH7	2442
	8.5	8.5	MCS 8	High: CH11	2462
IEEE 802.11ax HE20	8.5	8.5	MCS 0	Low: CH1	2412
	8.5	8.5	MCS 0	Middle: CH7	2442
	8.5	8.5	MCS 0	High: CH13	2472
IEEE 802.11ax HE40	8.5	8.5	MCS 0	Low: CH3	2422
	8.5	8.5	MCS 0	Middle: CH7	2442
	8.5	8.5	MCS 0	High: CH11	2462
Rx mode	/	/	/	Low: CH1	2412
	/	/	/	Middle: CH7	2442
	/	/	/	High: CH13	2472

Note 1: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

Note 2: All the emissions are measured with PK detector. Scan with IEEE 802.11b, IEEE 802.11g, IEEE 802.11n HT20, IEEE 802.11n HT40, IEEE 802.11ax HE20, IEEE 802.11ax HE40, Ant 1 and Ant 2 mode, the worst case is recorded in this report.

Note 3: EUT does not support RU.

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

/	Normal Conditions	Extreme Conditions
Temperature range	15 °C to 35 °C	0 °C to +40 °C
Humidity range	20% to 75%	N/A
Pressure range	86-106 kPa	N/A
Power supply	NV: AC 230V	N/A

Note 1: The Extreme temperature range and extreme voltages are declared by the manufacturer.
Note 2: NTV: Normal Temperature Normal Voltage, LTNV: Low Temperature Normal Voltage, HTNV: High Temperature Normal Voltage.

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

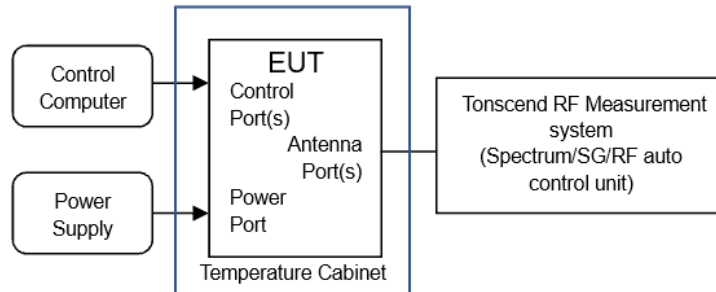
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB (10 MHz $\leq$ f < 3.6 GHz);
	1.38 dB (3.6 GHz $\leq$ f < 8 GHz)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB (10 MHz $\leq$ f < 3.6 GHz);
	1.38 dB (3.6 GHz $\leq$ f < 8 GHz)
Frequencies Stability	6.7×10^{-8} (Antenna couple method)
	5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB (10 MHz $\leq$ f < 3.6 GHz);
	1.40 dB (3.6 GHz $\leq$ f < 8 GHz)
	1.66 dB (8 GHz $\leq$ f < 26.5 GHz)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz)
	4.40 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date	Cal. Interval
☑RF Connected Test (RF Measurement System 3#)					
SIGNAL ANALYZER	R&S	FSV40	101407	2026/07/06	1 Year
Wideband Radio Communication Tester	R&S	CMW500	117491	2026/03/28	1 Year
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY62153058	2026/07/06	1 Year
MXG Vector Signal Generator	Agilent	N5182A	MY48180912	2026/03/28	1 Year
RF Control Unit	Tonscend	JS0806-2	20C8060230	2026/03/28	1 Year
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28	1 Year
Test Software	Tonscend	JS1120-3	V3.6.21	N/A	N/A

4. RF Output Power

4.1. Block diagram of test setup



4.2. Limits

The maximum RF output power for adaptive Frequency Hopping equipment shall be equal to or less than 20 dBm.

The maximum RF output power for this equipment shall be equal to or less than the value declared by the manufacturer. This declared value shall be equal to or less than 20 dBm.

This limit shall apply for any combination of power level and intended antenna assembly.

4.3. Test procedure

- (1) Connect each EUT's antenna output to power sensor by RF cable and attenuator.
- (2) Refer to EN 300 328 V2.2.2 Clause 5.4.2.2.1.
- (3) For adaptive equipment, the measurement duration shall be long enough to ensure a minimum number of bursts (at least 10) is captured.

4.4. Test result

Test Engineer:	Tyang	Test Site:	RF Measurement System 3#
Ambient Condition:	25.6℃, 38.5%RH	Test Date:	2025.12.03-2025.12.04
Test Power Supply:	AC 230V	Sample Number:	S25090923-004

Test Condition	Test Mode	Antenna	Frequency (MHz)	Burst Power [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
NTNV	11B	Ant1	2412	11.84	16.53	20	PASS
		Ant2	2412	10.58	15.04	20	PASS
		Ant1	2442	11.68	16.37	20	PASS
		Ant2	2442	10.36	14.82	20	PASS
		Ant1	2472	11.59	16.28	20	PASS
		Ant2	2472	10.26	14.72	20	PASS
	11G	Ant1	2412	13.95	18.64	20	PASS
		Ant2	2412	12.81	17.27	20	PASS
		Ant1	2442	13.94	18.63	20	PASS
		Ant2	2442	12.43	16.89	20	PASS
		Ant1	2472	13.94	18.63	20	PASS
		Ant2	2472	12.46	16.92	20	PASS
	11N20MIMO	Ant1	2412	11.44	16.13	20	PASS
		Ant2	2412	10.33	14.79	20	PASS
		total	2412	13.97	18.55	20	PASS
		Ant1	2442	11.49	16.18	20	PASS
		Ant2	2442	10.20	14.66	20	PASS
		total	2442	13.97	18.55	20	PASS
		Ant1	2472	11.45	16.14	20	PASS
		Ant2	2472	10.10	14.56	20	PASS
		total	2472	13.89	18.47	20	PASS
	11N40MIMO	Ant1	2422	11.46	16.15	20	PASS
		Ant2	2422	10.23	14.69	20	PASS
		total	2422	13.93	18.51	20	PASS
		Ant1	2442	11.36	16.05	20	PASS

		Ant2	2442	9.85	14.31	20	PASS
		total	2442	13.69	18.27	20	PASS
		Ant1	2462	11.54	16.23	20	PASS
		Ant2	2462	9.58	14.04	20	PASS
		total	2462	13.69	18.27	20	PASS
		Ant1	2412	11.23	15.92	20	PASS
	11AX20MIMO	Ant2	2412	10.13	14.59	20	PASS
		total	2412	13.73	18.31	20	PASS
		Ant1	2442	10.82	15.51	20	PASS
		Ant2	2442	9.61	14.07	20	PASS
		total	2442	13.31	17.89	20	PASS
		Ant1	2472	11.04	15.73	20	PASS
	11AX40MIMO	Ant2	2472	9.43	13.89	20	PASS
		total	2472	13.35	17.93	20	PASS
		Ant1	2422	10.68	15.37	20	PASS
		Ant2	2422	10.31	14.77	20	PASS
		total	2422	13.53	18.11	20	PASS
		Ant1	2442	10.71	15.40	20	PASS
	11B	Ant2	2442	10.39	14.85	20	PASS
		total	2442	13.60	18.18	20	PASS
		Ant1	2462	11.03	15.72	20	PASS
		Ant2	2462	10.22	14.68	20	PASS
		total	2462	13.65	18.23	20	PASS
		Ant1	2412	11.83	16.52	20	PASS
LTNV	11G	Ant2	2412	10.58	15.04	20	PASS
		Ant1	2442	11.67	16.36	20	PASS
		Ant2	2442	10.36	14.82	20	PASS
		Ant1	2472	11.72	16.41	20	PASS
		Ant2	2472	10.25	14.71	20	PASS
		Ant1	2412	13.88	18.57	20	PASS
	11B	Ant2	2412	12.85	17.31	20	PASS
		Ant1	2442	13.88	18.57	20	PASS
		Ant1	2442	13.88	18.57	20	PASS

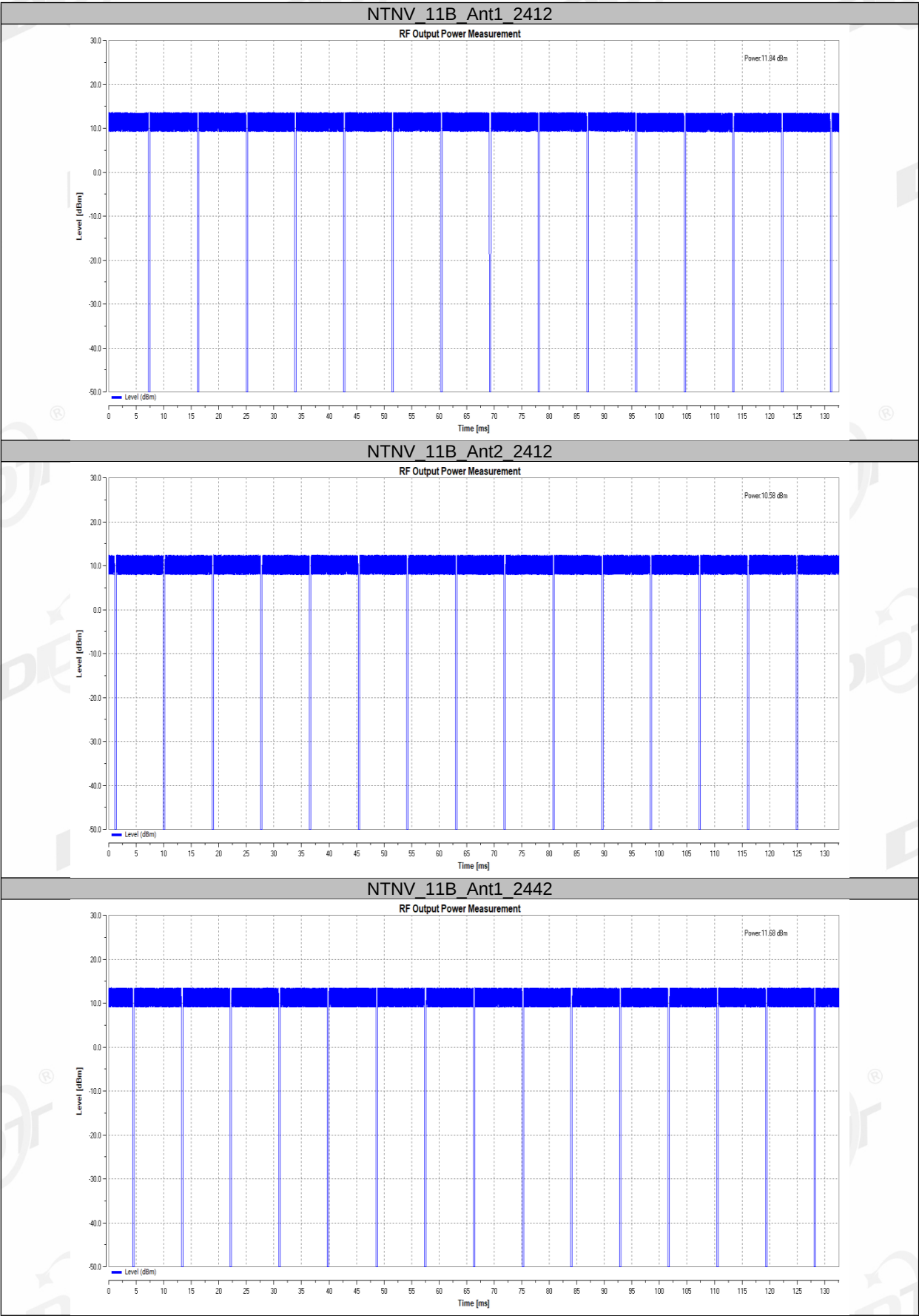
		Ant2	2442	12.36	16.82	20	PASS
		Ant1	2472	13.91	18.60	20	PASS
		Ant2	2472	12.60	17.06	20	PASS
	11N20MIMO	Ant1	2412	11.48	16.17	20	PASS
		Ant2	2412	10.39	14.85	20	PASS
		total	2412	14.05	18.63	20	PASS
		Ant1	2442	11.48	16.17	20	PASS
		Ant2	2442	10.16	14.62	20	PASS
		total	2442	13.87	18.45	20	PASS
		Ant1	2472	11.47	16.16	20	PASS
		Ant2	2472	10.15	14.61	20	PASS
		total	2472	13.89	18.47	20	PASS
	11N40MIMO	Ant1	2422	11.52	16.21	20	PASS
		Ant2	2422	10.24	14.70	20	PASS
		total	2422	13.87	18.45	20	PASS
		Ant1	2442	11.29	15.98	20	PASS
		Ant2	2442	9.88	14.34	20	PASS
		total	2442	13.61	18.19	20	PASS
		Ant1	2462	11.73	16.42	20	PASS
		Ant2	2462	9.75	14.21	20	PASS
		total	2462	13.88	18.46	20	PASS
	11AX20MIMO	Ant1	2412	11.25	15.94	20	PASS
		Ant2	2412	9.88	14.34	20	PASS
		total	2412	13.60	18.18	20	PASS
		Ant1	2442	10.99	15.68	20	PASS
		Ant2	2442	9.81	14.27	20	PASS
		total	2442	13.41	17.99	20	PASS
		Ant1	2472	11.15	15.84	20	PASS
		Ant2	2472	9.46	13.92	20	PASS
		total	2472	13.41	17.99	20	PASS
	11AX40MIMO	Ant1	2422	10.66	15.35	20	PASS
		Ant2	2422	10.34	14.80	20	PASS

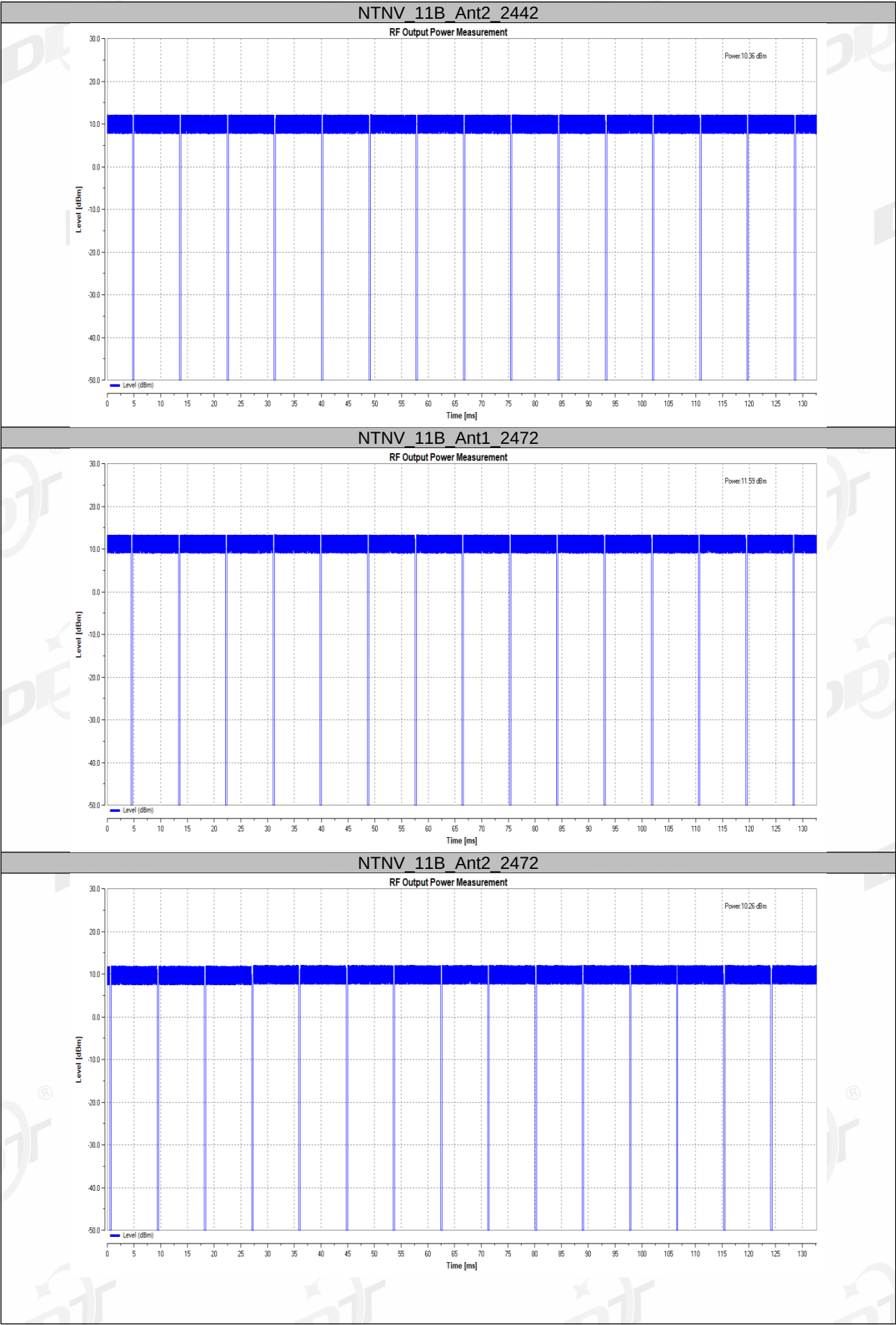
		total	2422	13.52	18.10	20	PASS
		Ant1	2442	10.68	15.37	20	PASS
		Ant2	2442	10.38	14.84	20	PASS
		total	2442	13.58	18.16	20	PASS
		Ant1	2462	11.11	15.80	20	PASS
		Ant2	2462	10.09	14.55	20	PASS
		total	2462	13.64	18.22	20	PASS
HTNV	11B	Ant1	2412	11.83	16.52	20	PASS
		Ant2	2412	10.58	15.04	20	PASS
		Ant1	2442	11.68	16.37	20	PASS
		Ant2	2442	10.35	14.81	20	PASS
		Ant1	2472	11.72	16.41	20	PASS
		Ant2	2472	10.25	14.71	20	PASS
	11G	Ant1	2412	14.02	18.71	20	PASS
		Ant2	2412	12.85	17.31	20	PASS
		Ant1	2442	13.95	18.64	20	PASS
		Ant2	2442	12.46	16.92	20	PASS
		Ant1	2472	13.94	18.63	20	PASS
		Ant2	2472	12.57	17.03	20	PASS
	11N20MIMO	Ant1	2412	11.44	16.13	20	PASS
		Ant2	2412	10.35	14.81	20	PASS
		total	2412	13.95	18.53	20	PASS
		Ant1	2442	11.53	16.22	20	PASS
		Ant2	2442	10.11	14.57	20	PASS
		total	2442	13.91	18.49	20	PASS
		Ant1	2472	11.46	16.15	20	PASS
		Ant2	2472	10.03	14.49	20	PASS
		total	2472	13.89	18.47	20	PASS
	11N40MIMO	Ant1	2422	11.39	16.08	20	PASS
		Ant2	2422	10.28	14.74	20	PASS
		total	2422	13.87	18.45	20	PASS
		Ant1	2442	11.29	15.98	20	PASS

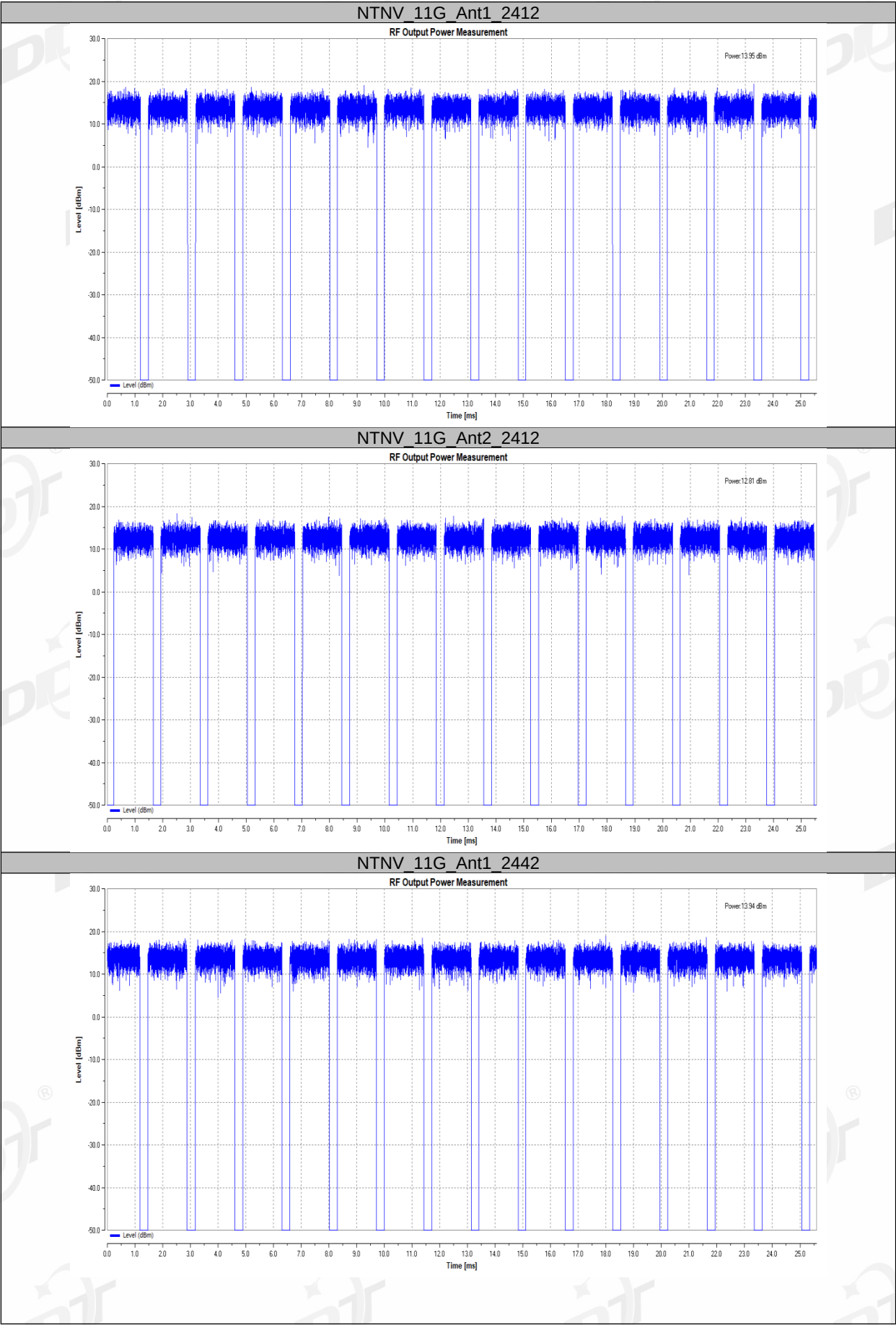
		Ant2	2442	9.94	14.40	20	PASS
		total	2442	13.67	18.25	20	PASS
		Ant1	2462	11.59	16.28	20	PASS
		Ant2	2462	9.65	14.11	20	PASS
		total	2462	13.74	18.32	20	PASS
	11AX20MIMO	Ant1	2412	11.14	15.83	20	PASS
		Ant2	2412	10.04	14.50	20	PASS
		total	2412	13.63	18.21	20	PASS
		Ant1	2442	10.79	15.48	20	PASS
		Ant2	2442	9.63	14.09	20	PASS
		total	2442	13.29	17.87	20	PASS
		Ant1	2472	11.11	15.80	20	PASS
		Ant2	2472	9.49	13.95	20	PASS
		total	2472	13.42	18.00	20	PASS
		Ant1	2422	10.43	15.12	20	PASS
	11AX40MIMO	Ant2	2422	10.42	14.88	20	PASS
		total	2422	13.39	17.97	20	PASS
		Ant1	2442	10.70	15.39	20	PASS
		Ant2	2442	10.28	14.74	20	PASS
		total	2442	13.52	18.10	20	PASS
		Ant1	2462	11.05	15.74	20	PASS
		Ant2	2462	10.19	14.65	20	PASS
		total	2462	13.66	18.24	20	PASS

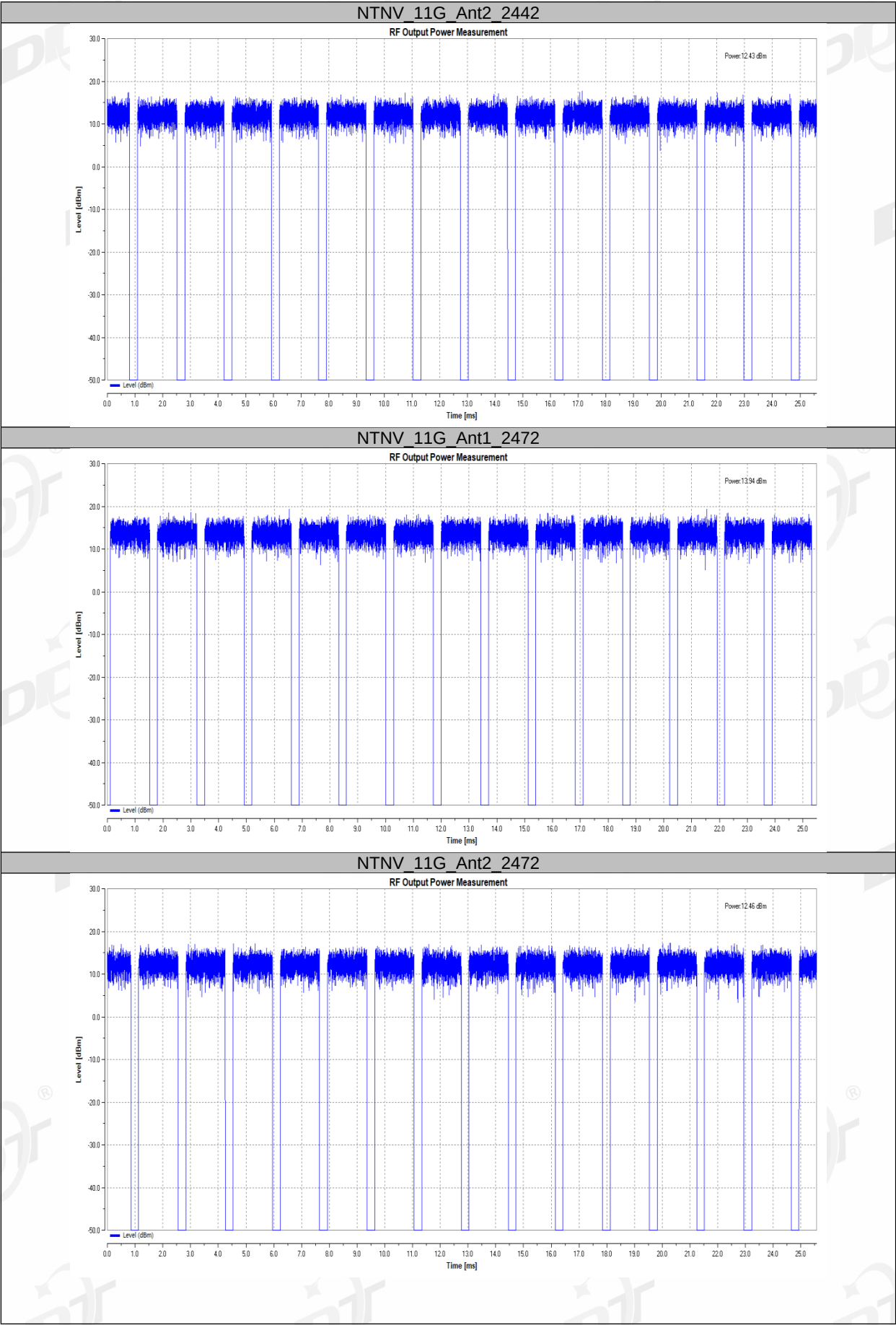
Note: EIRP = Measured Highest Pburst Values + Antenna Gain

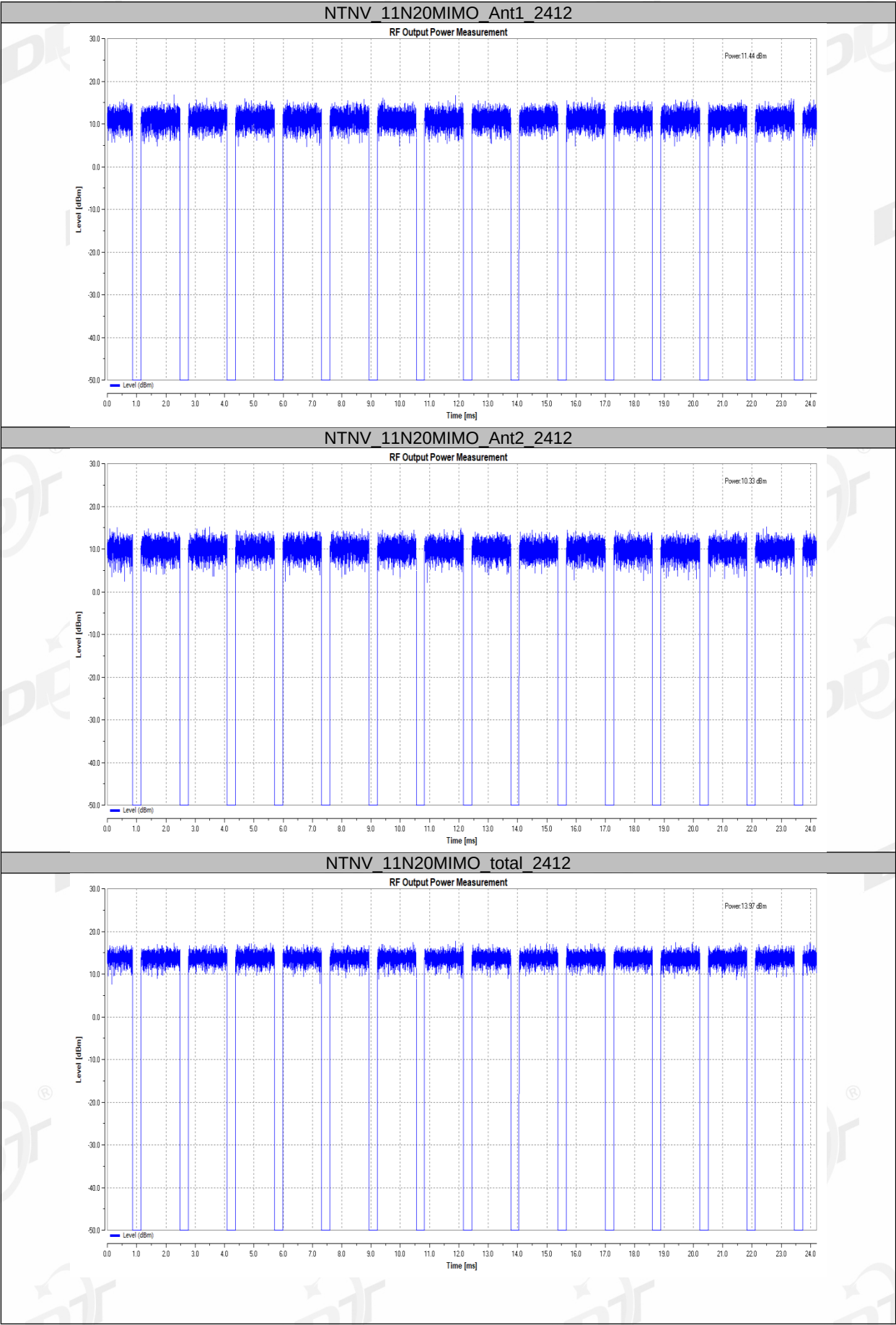
4.5. Test graphs

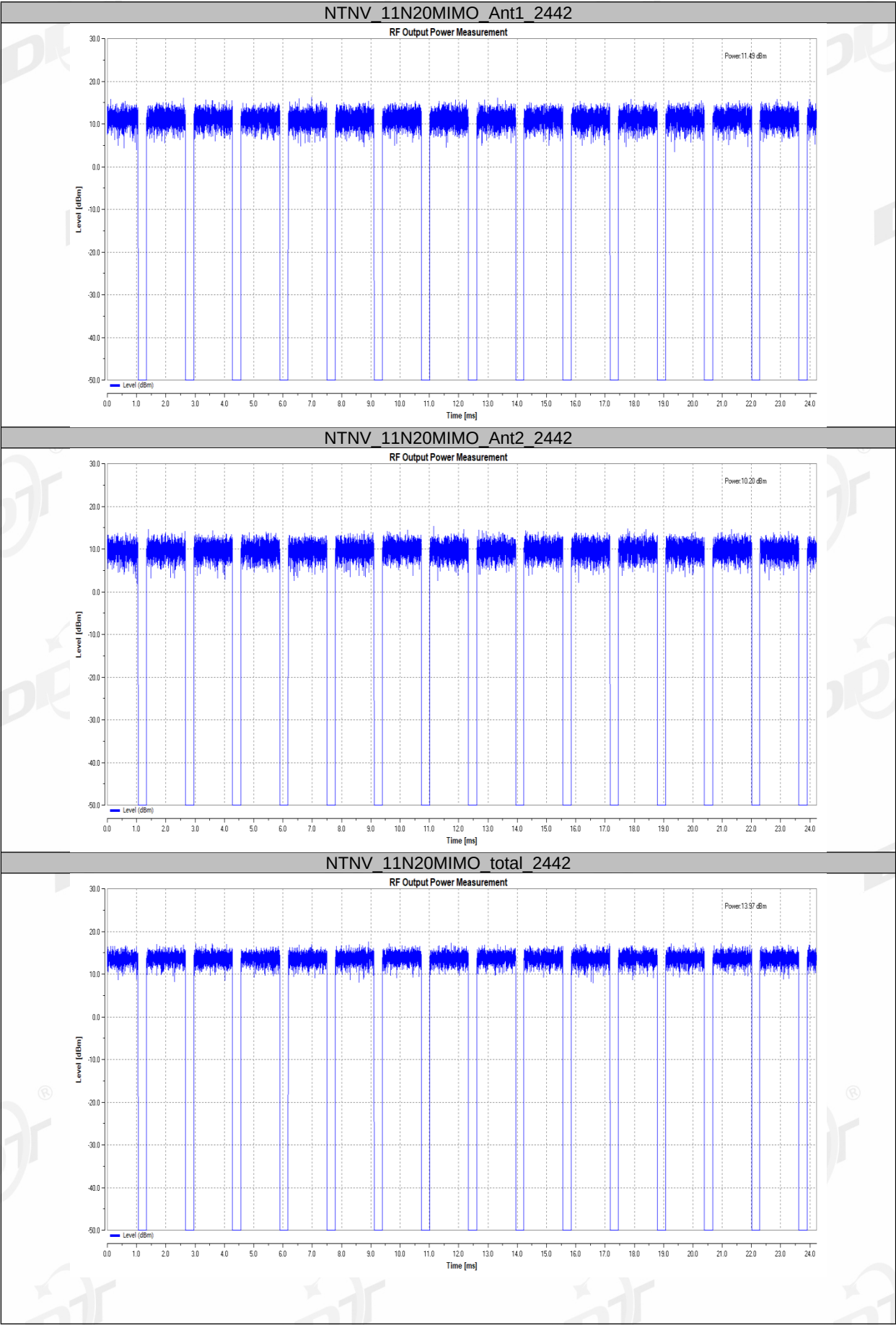


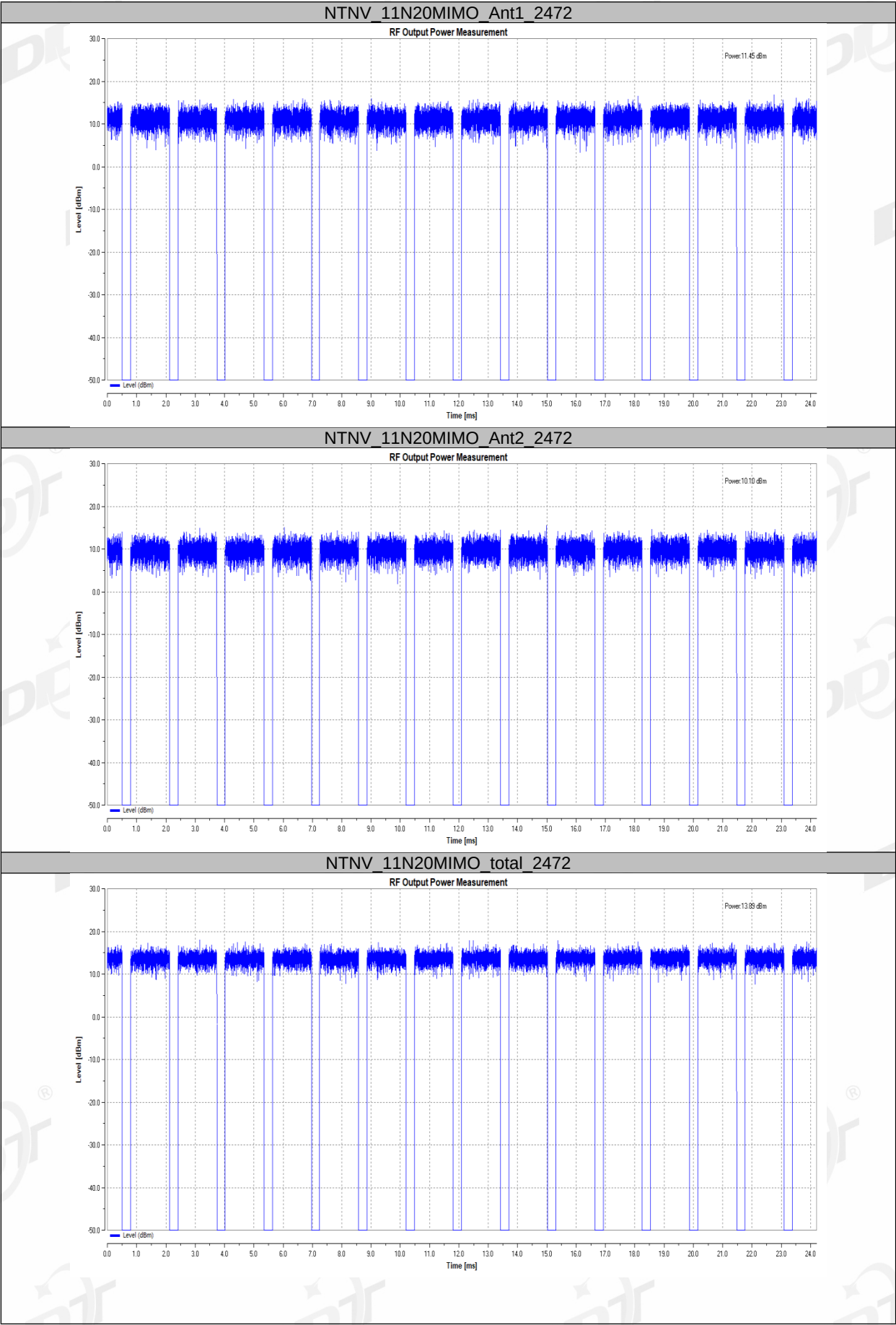


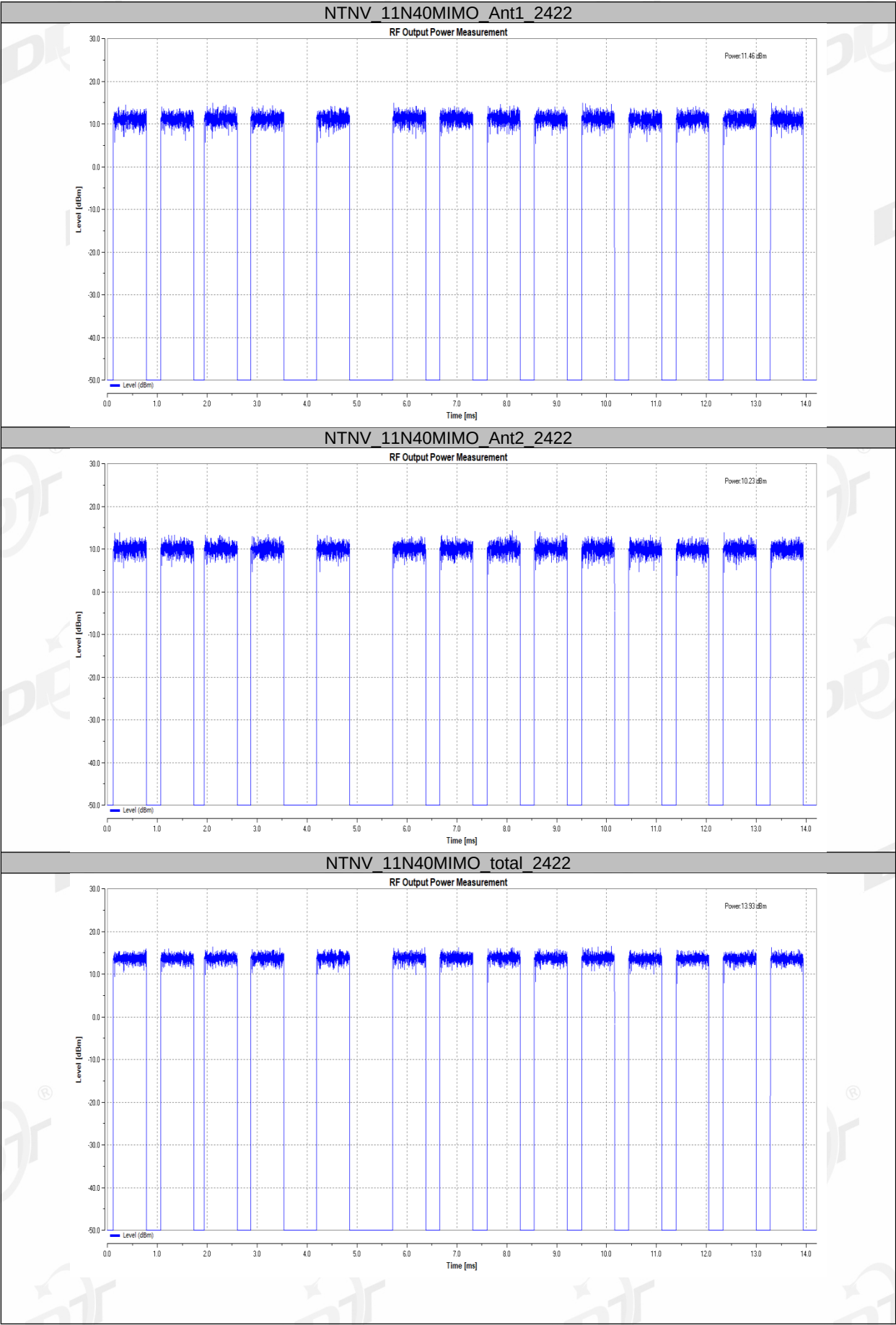


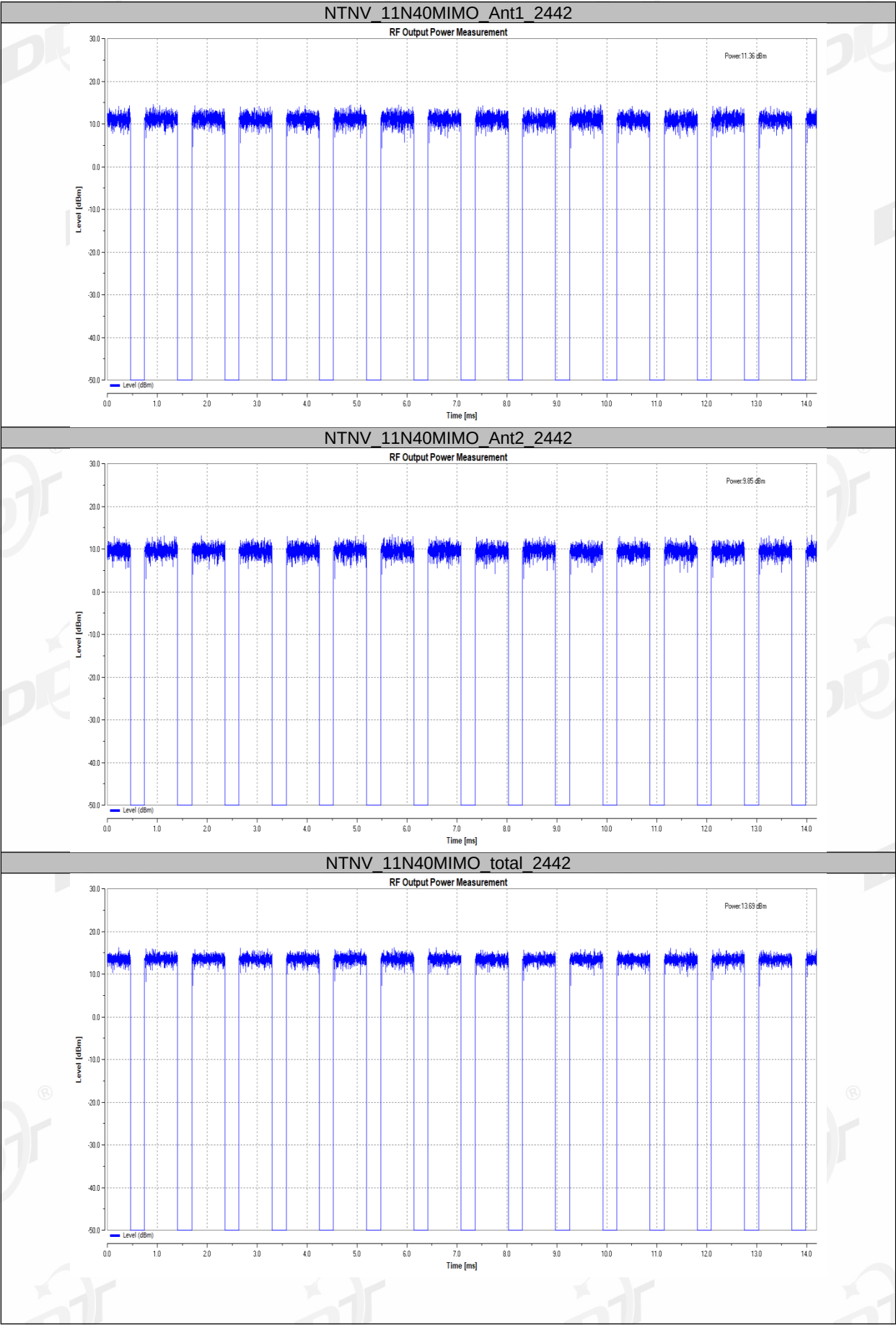


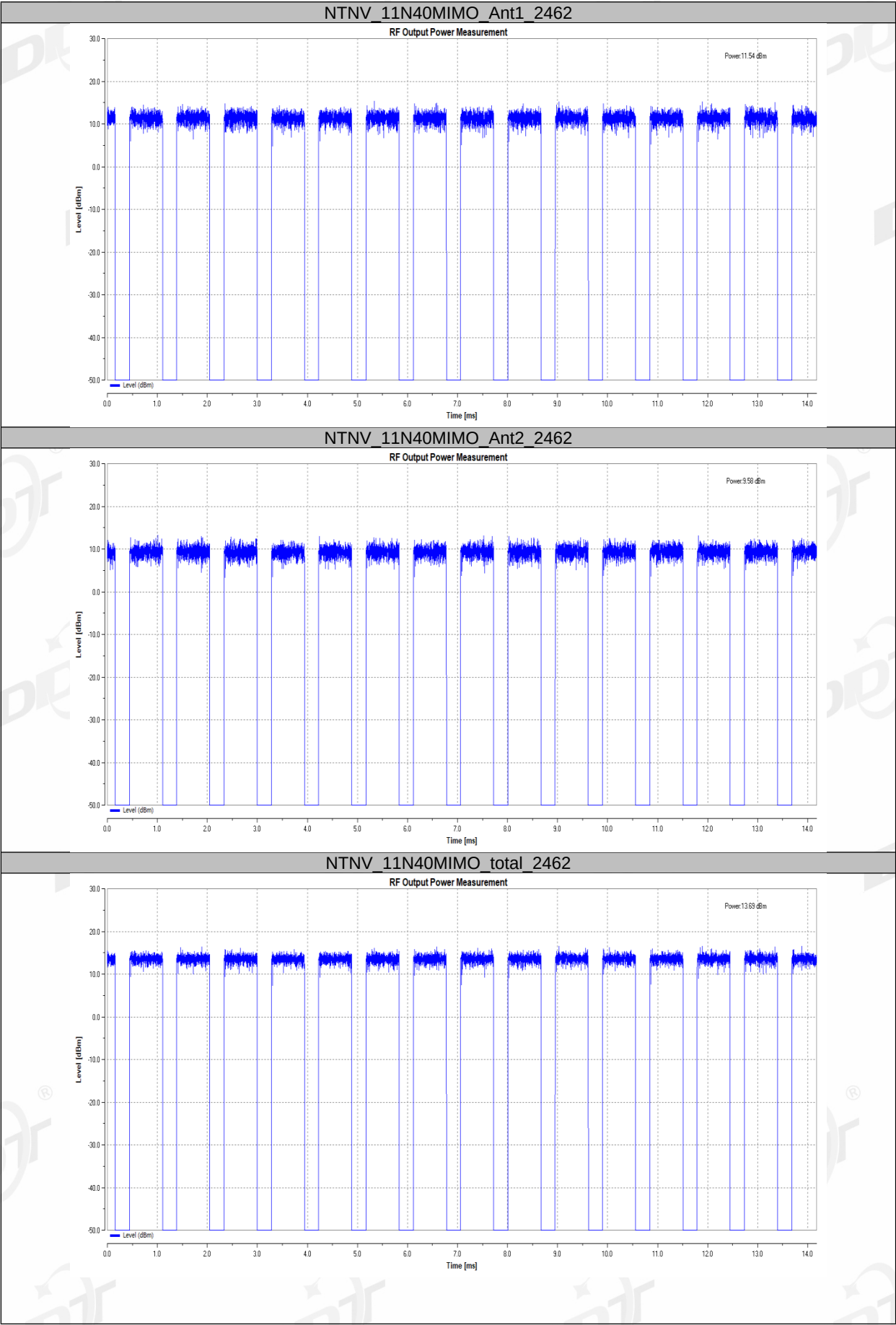


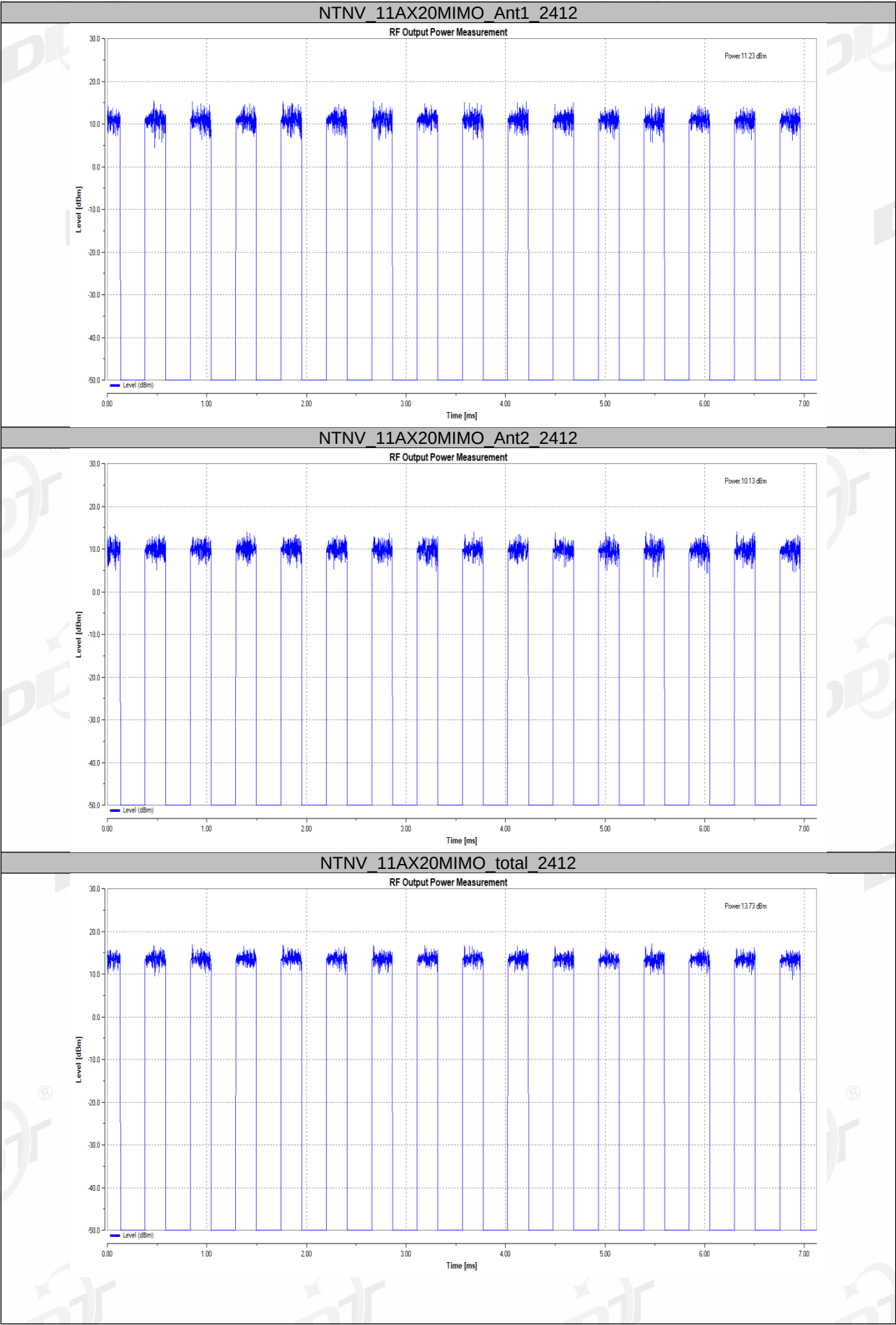


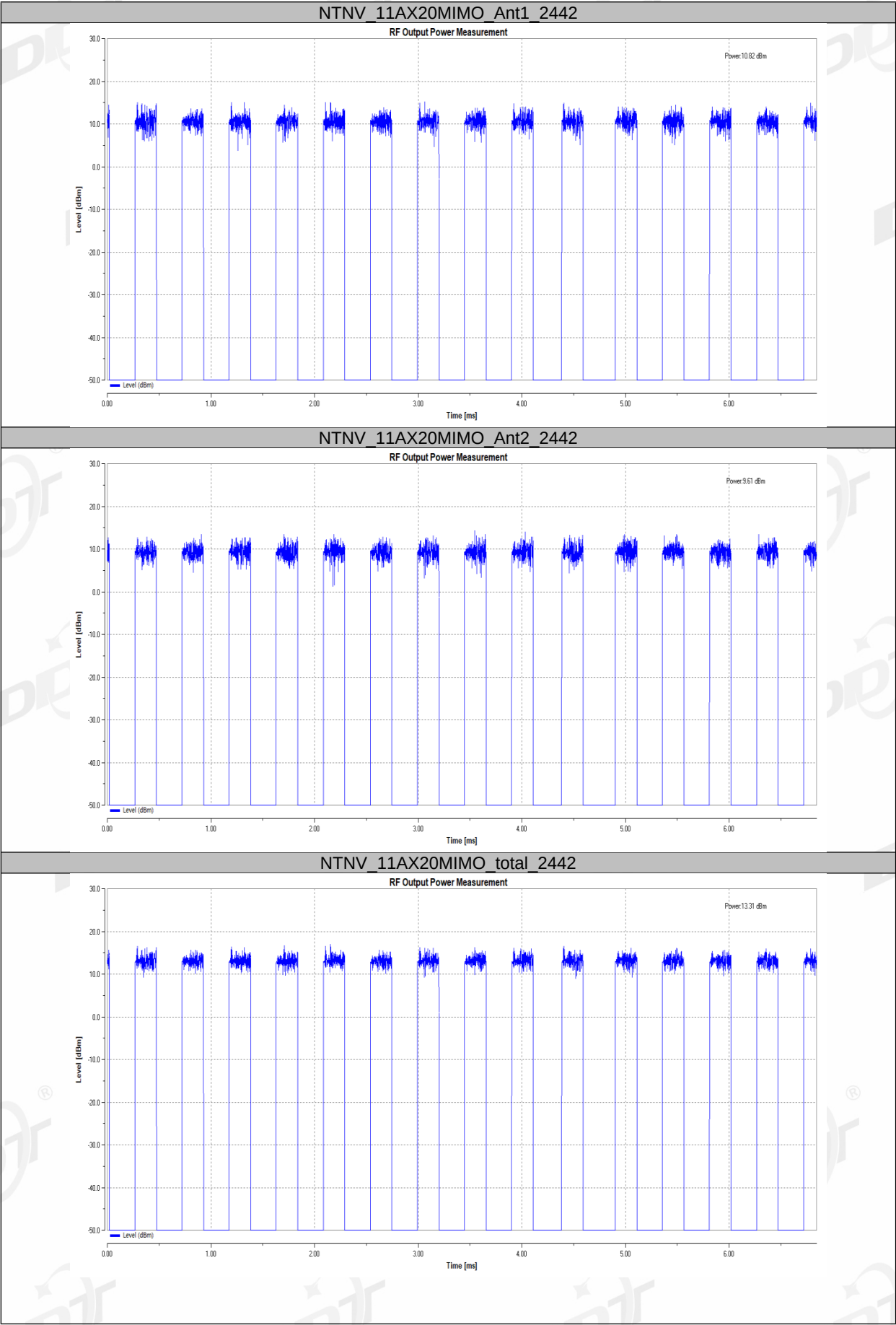


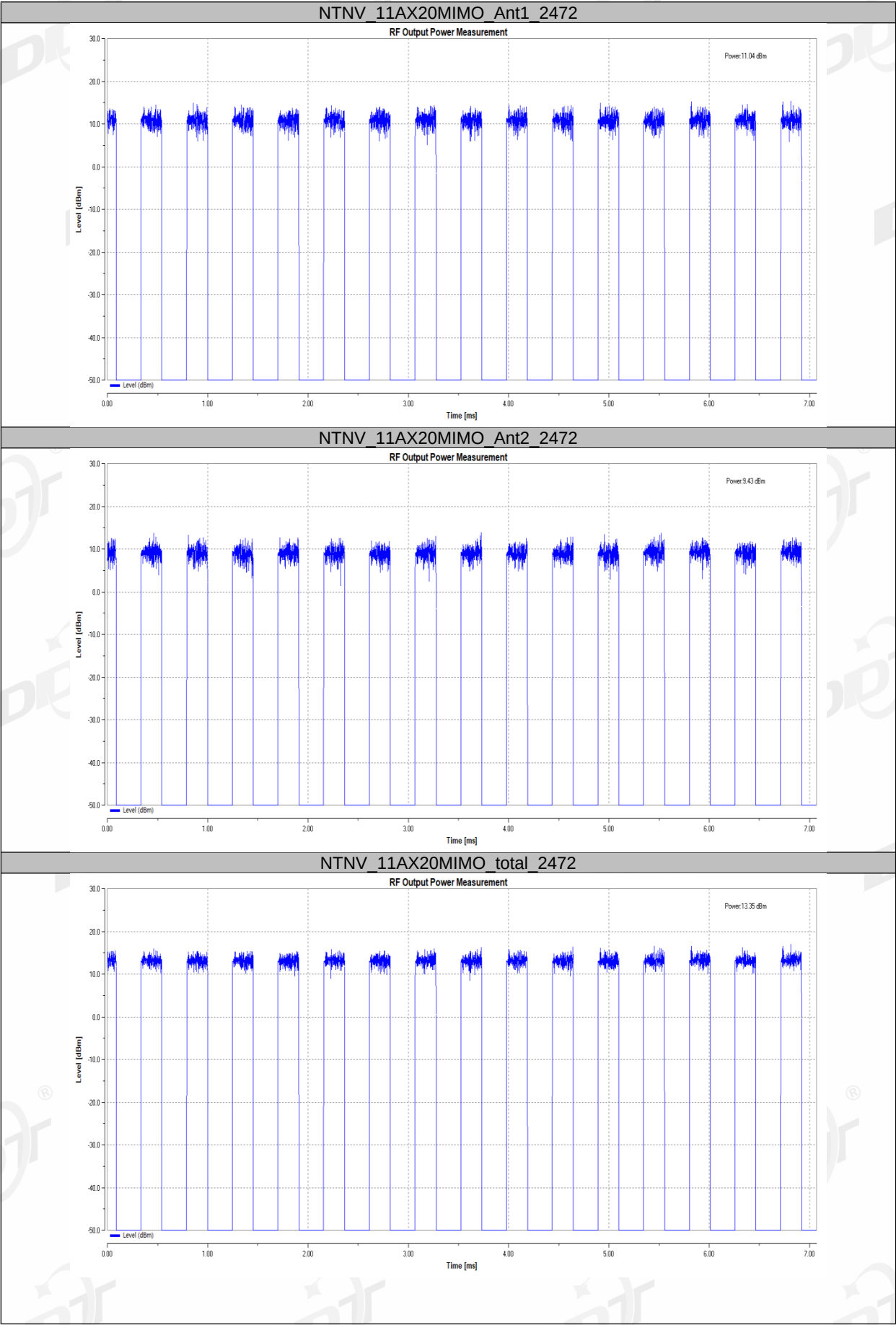


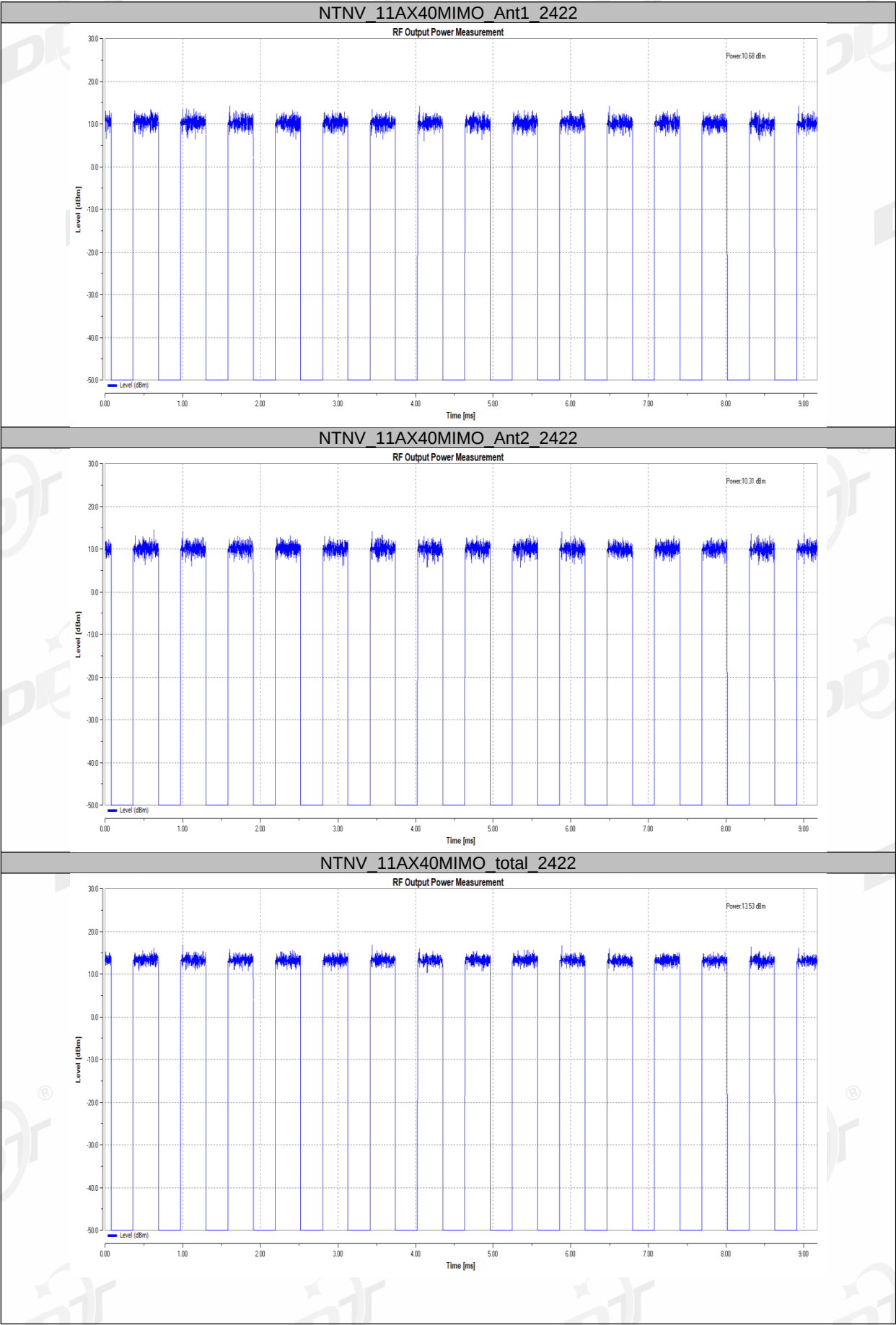


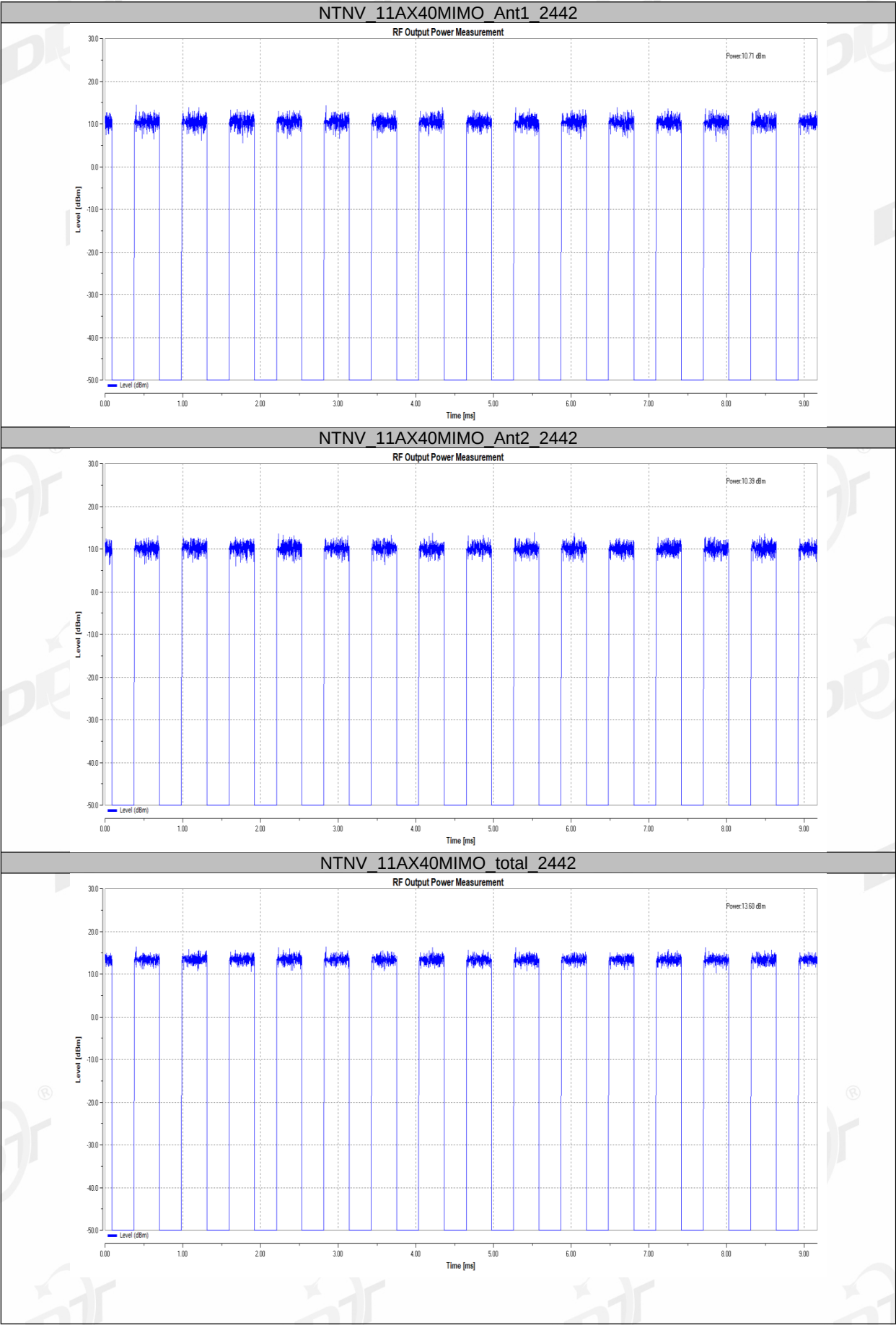


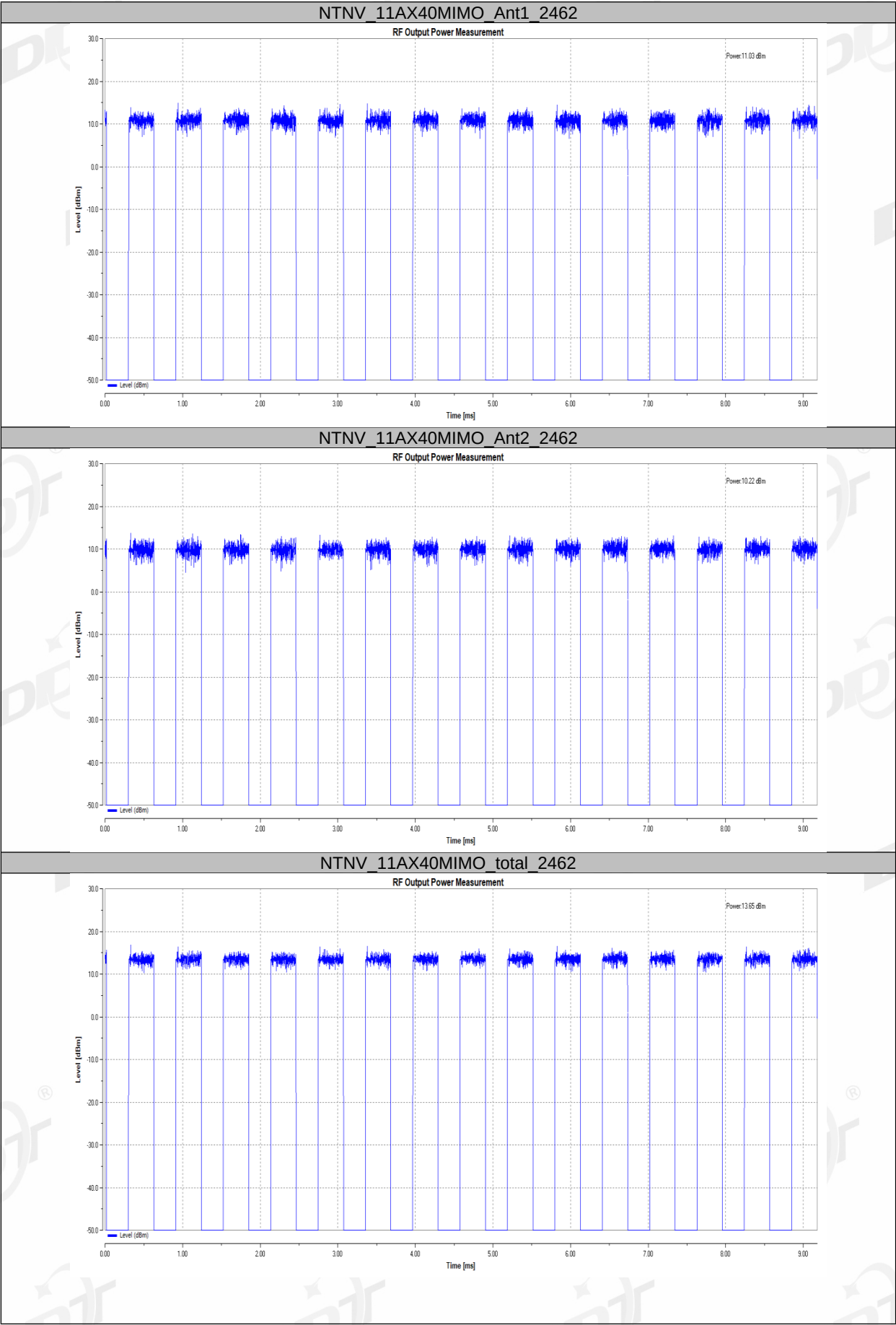


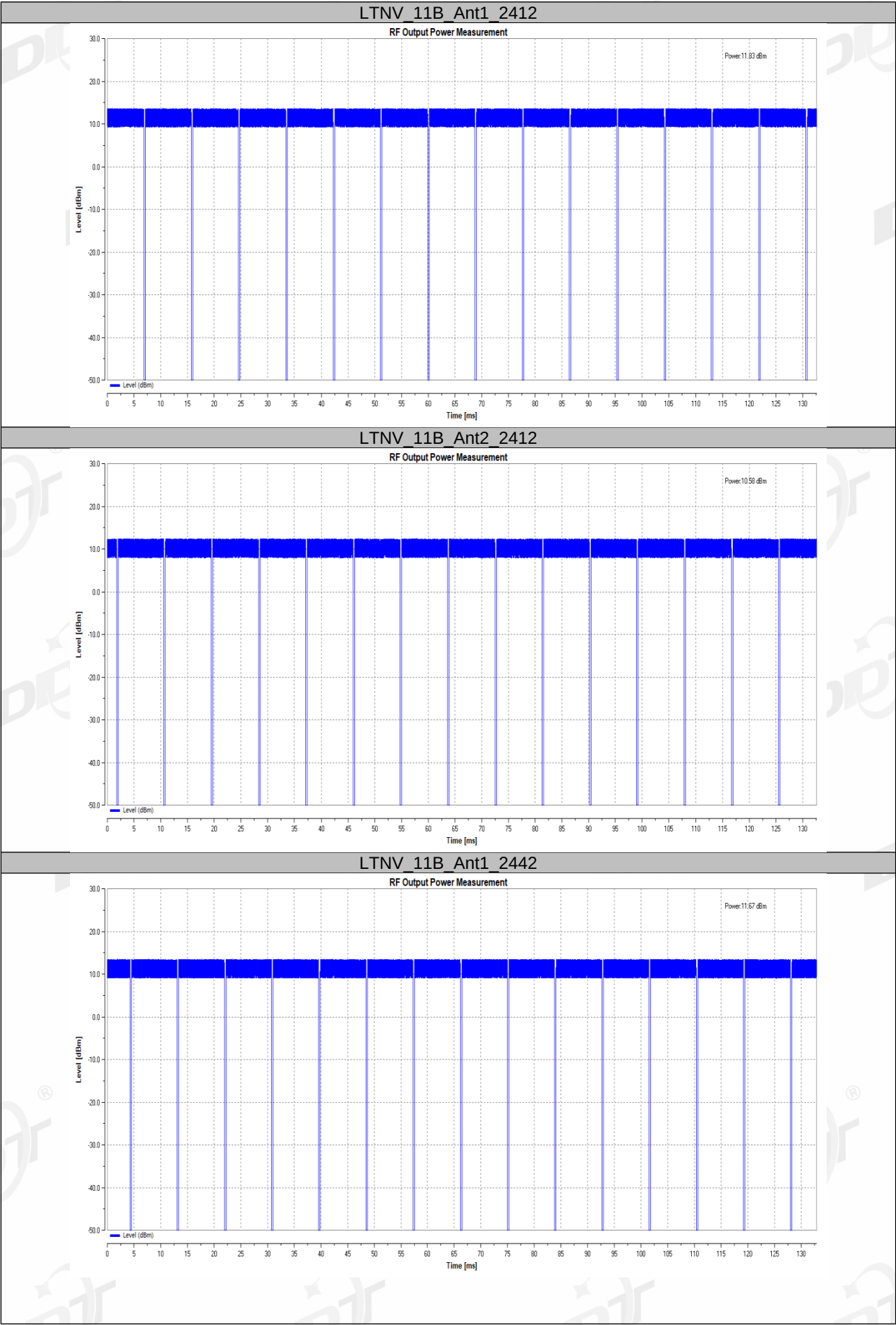


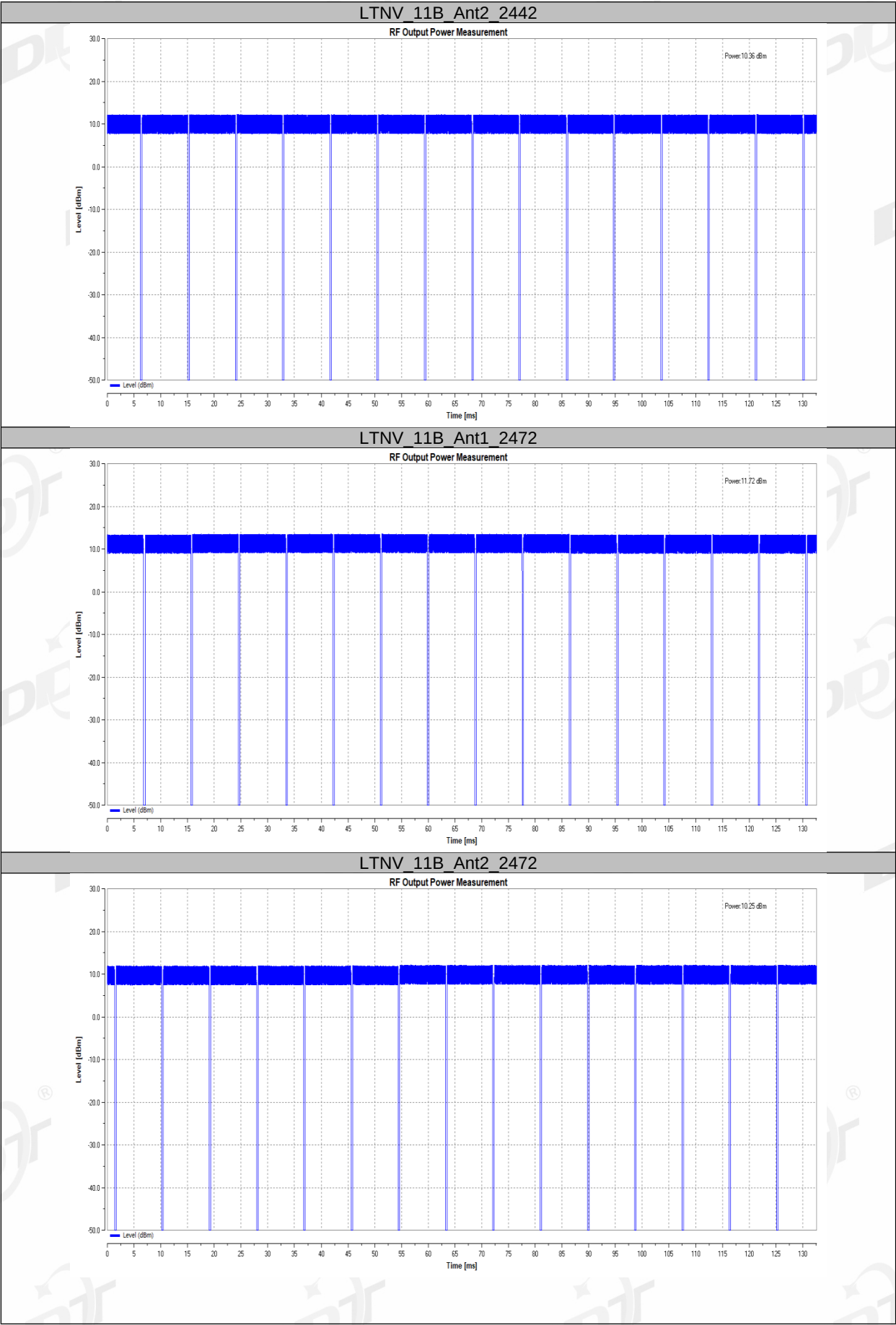


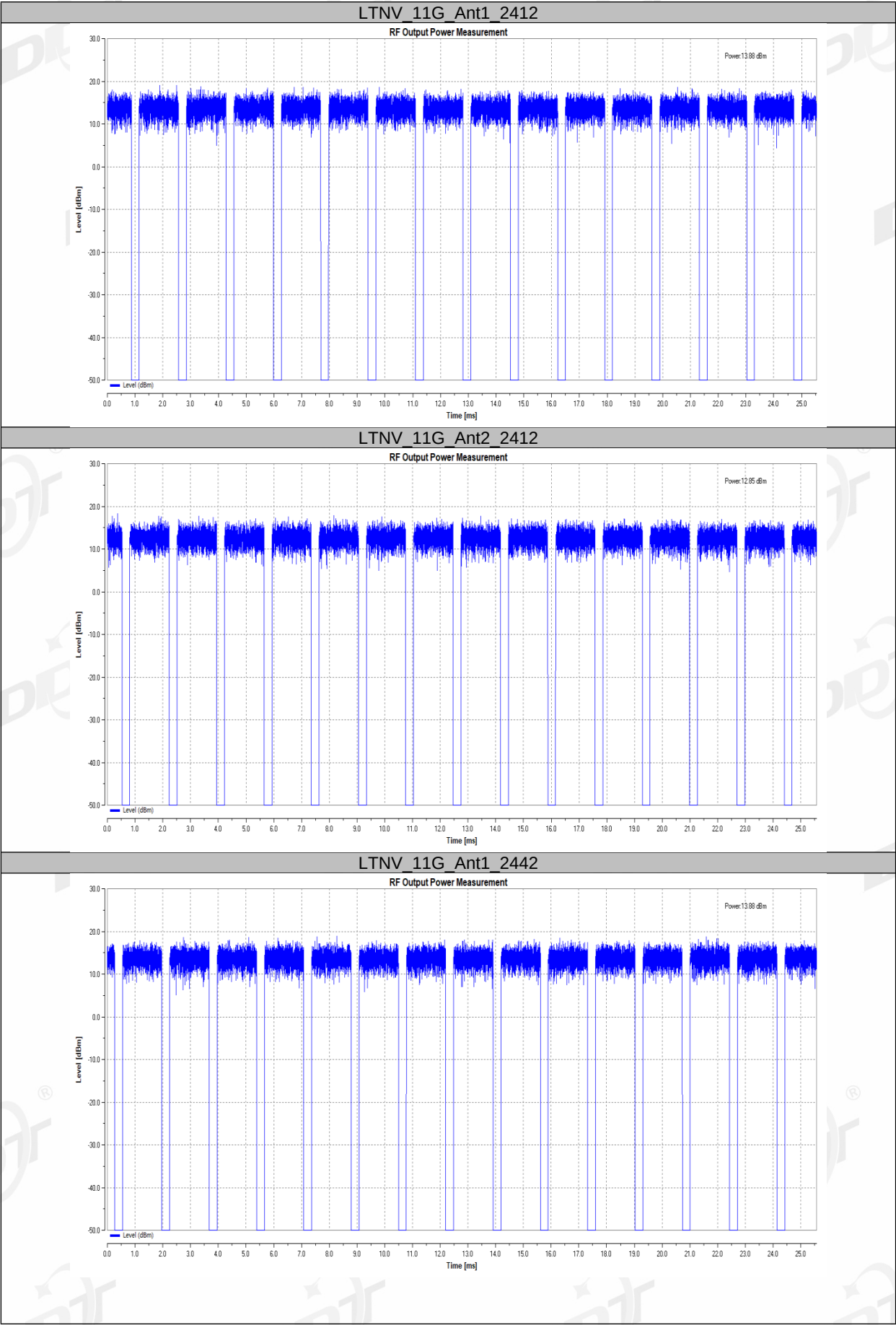


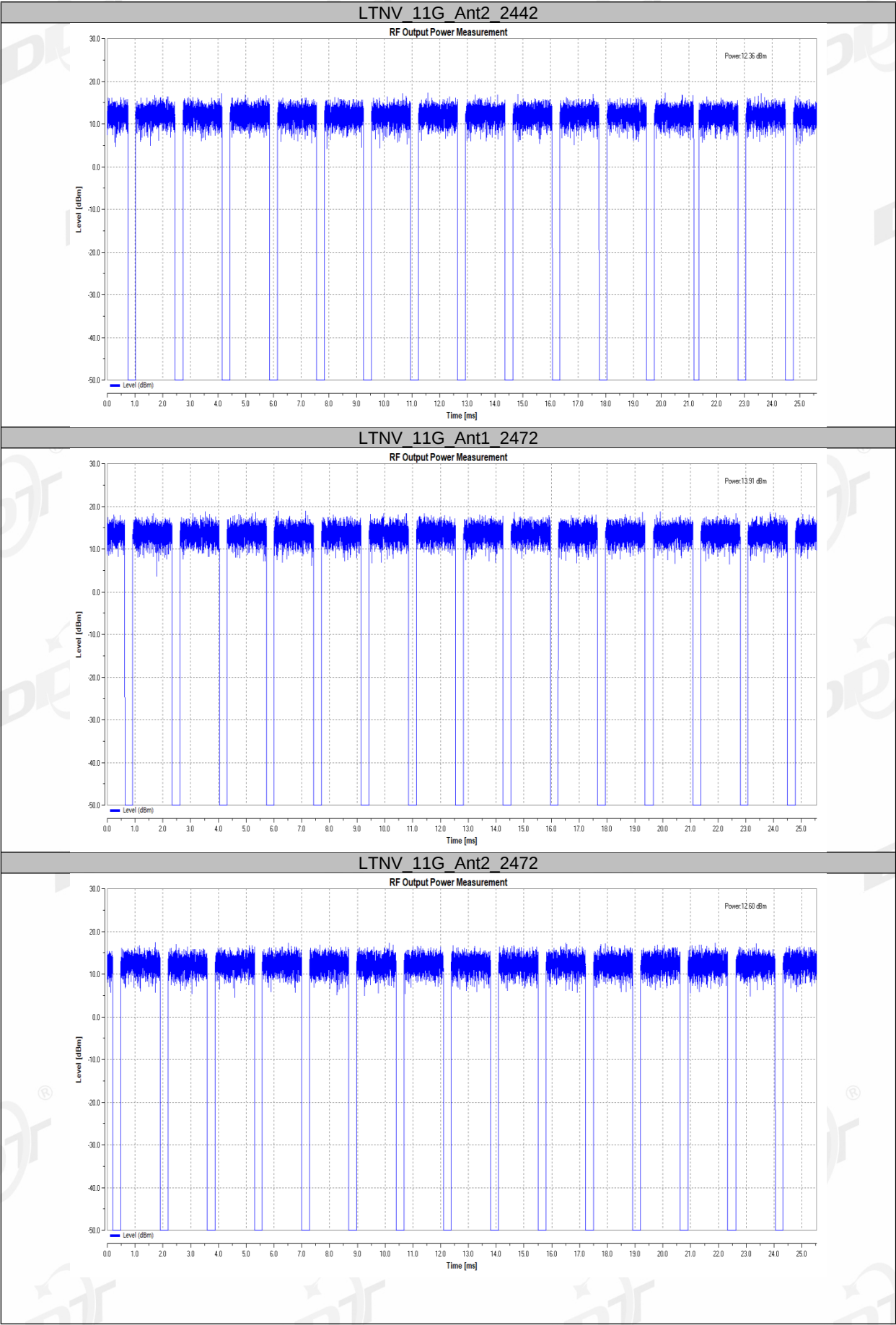


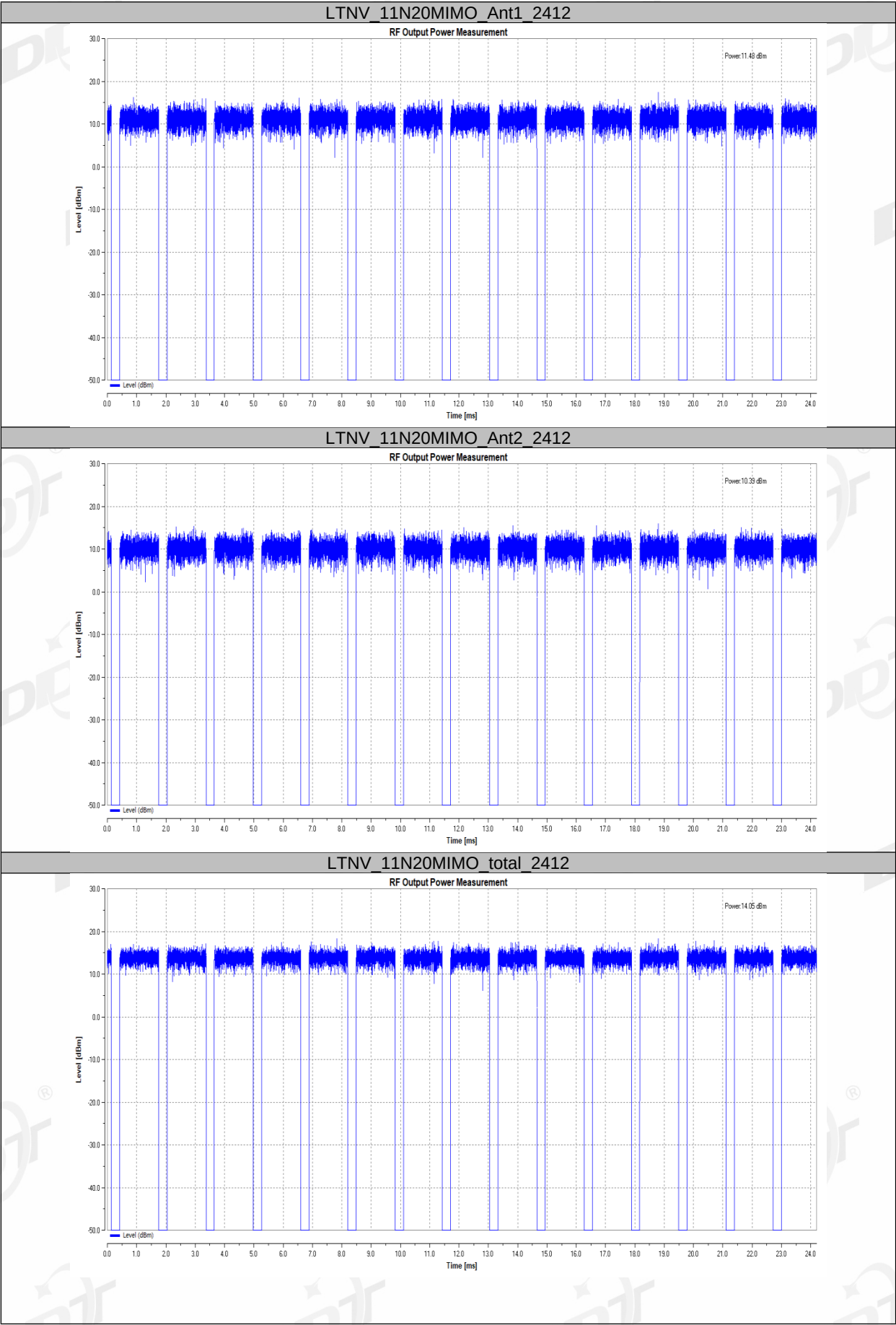


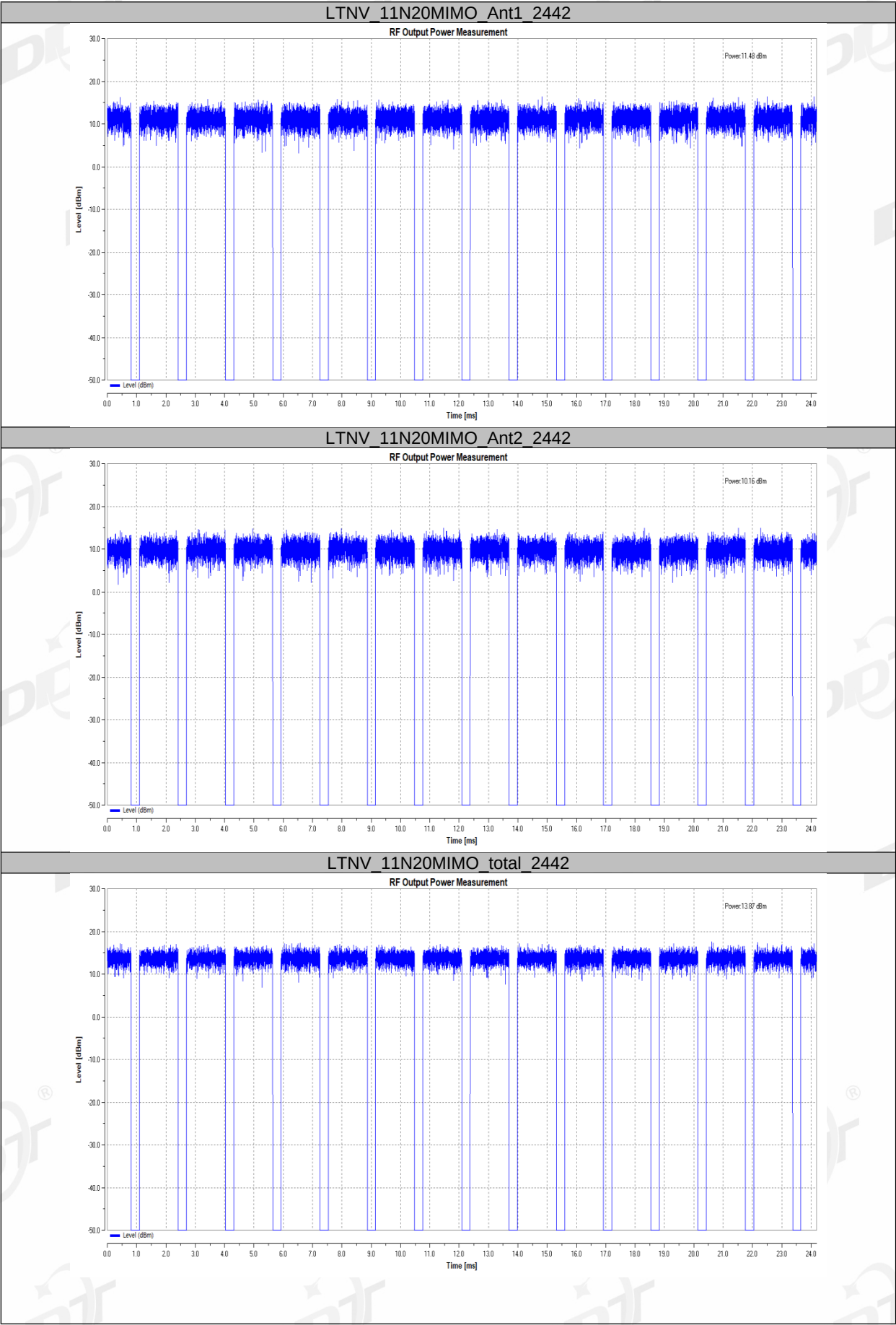


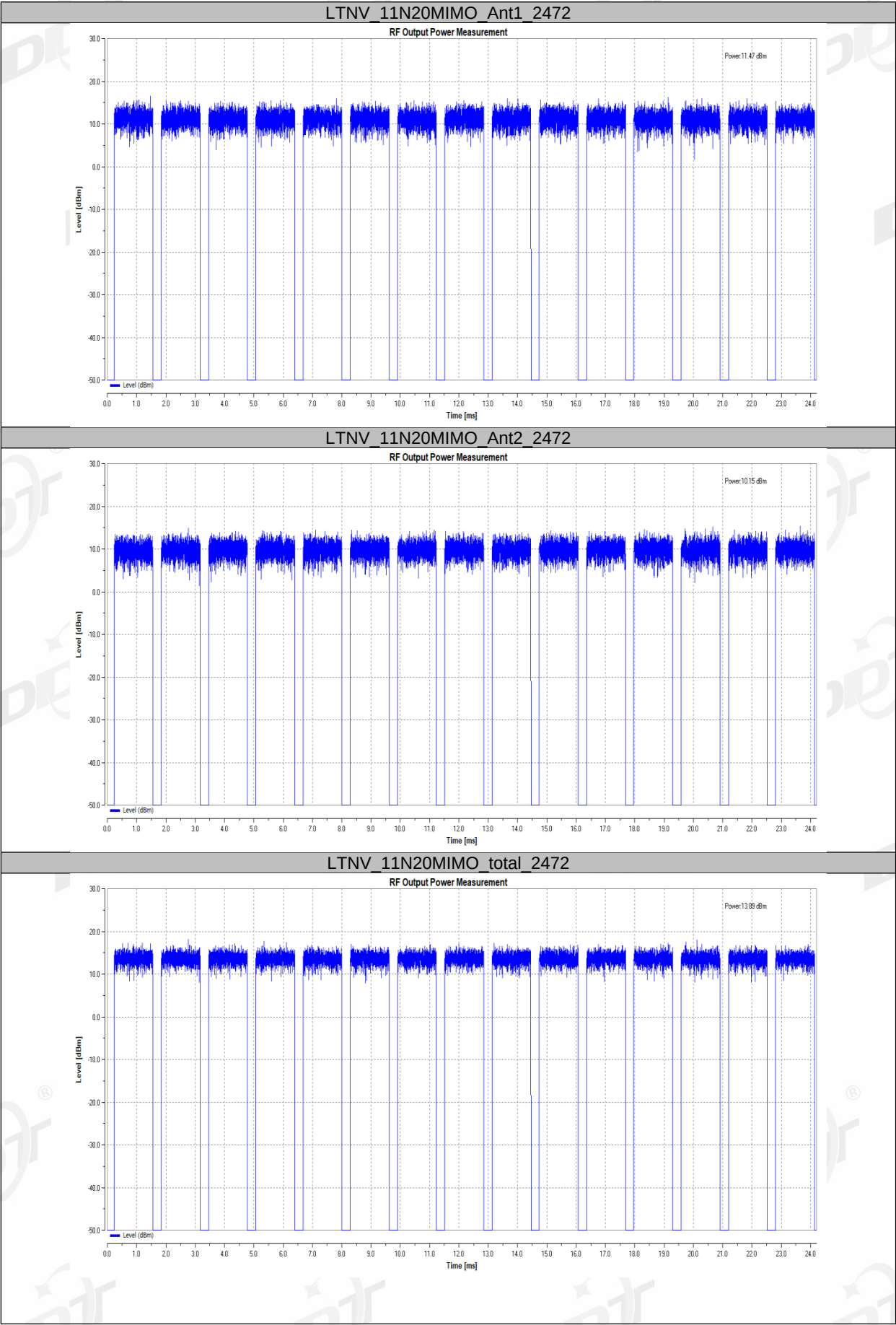


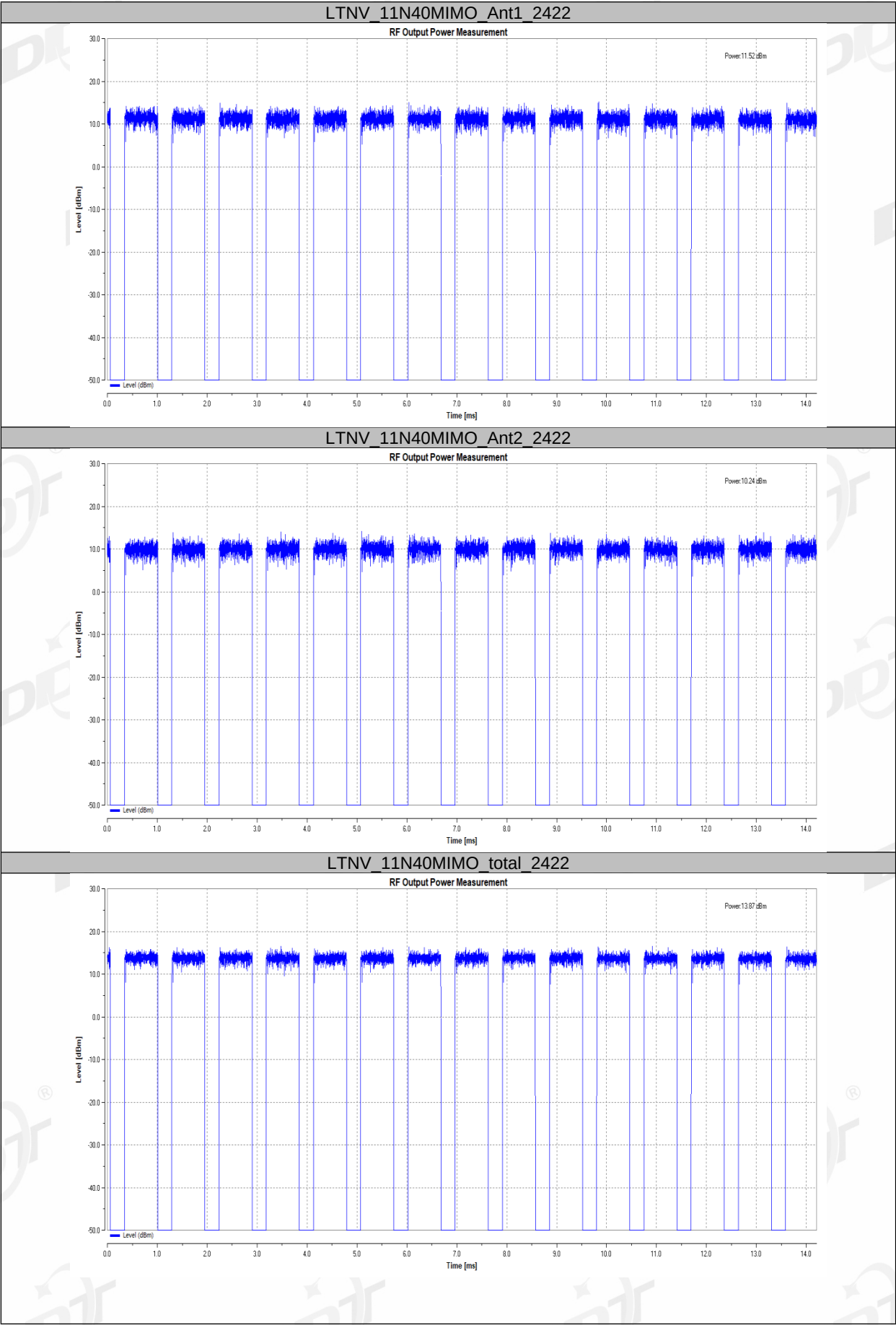


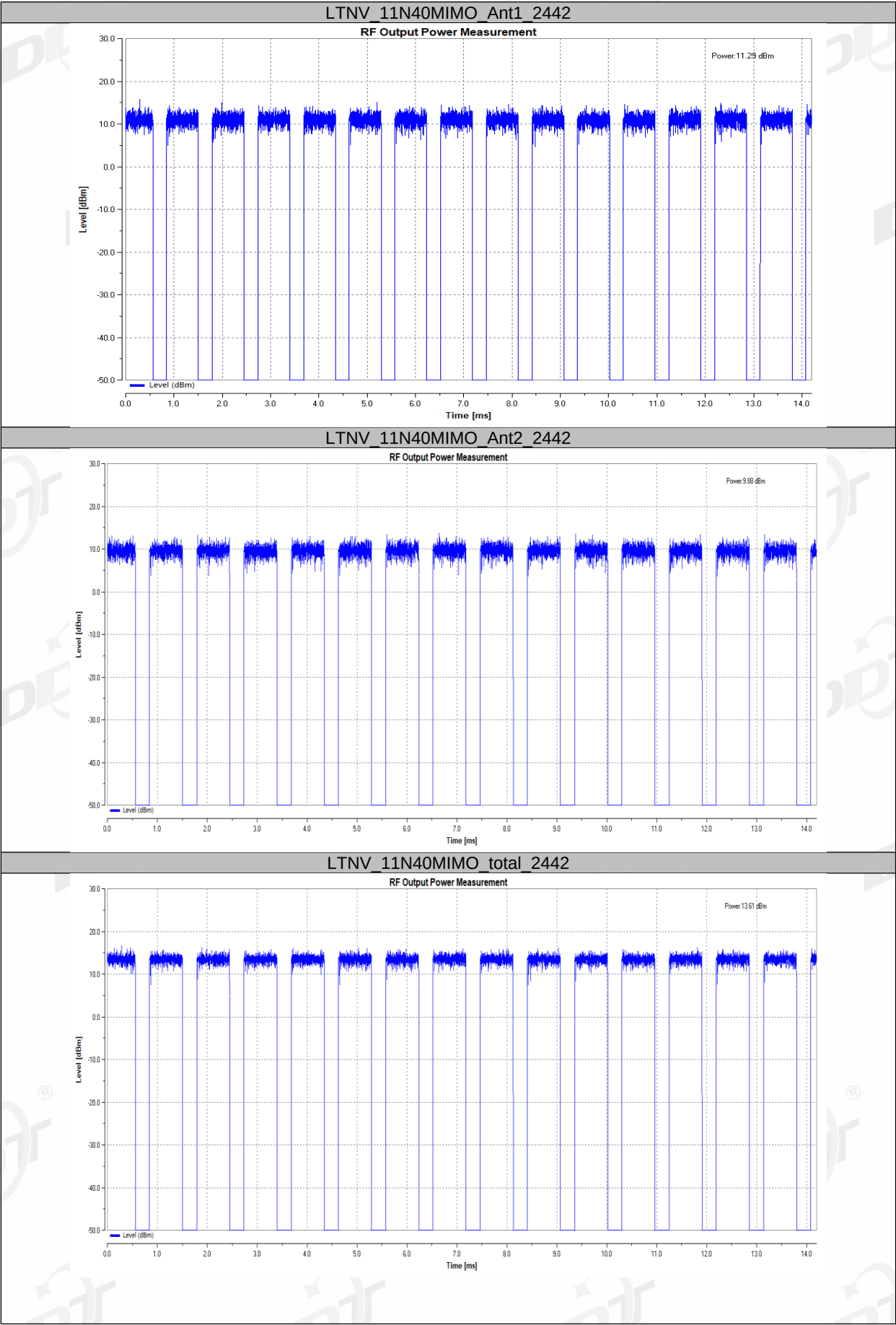


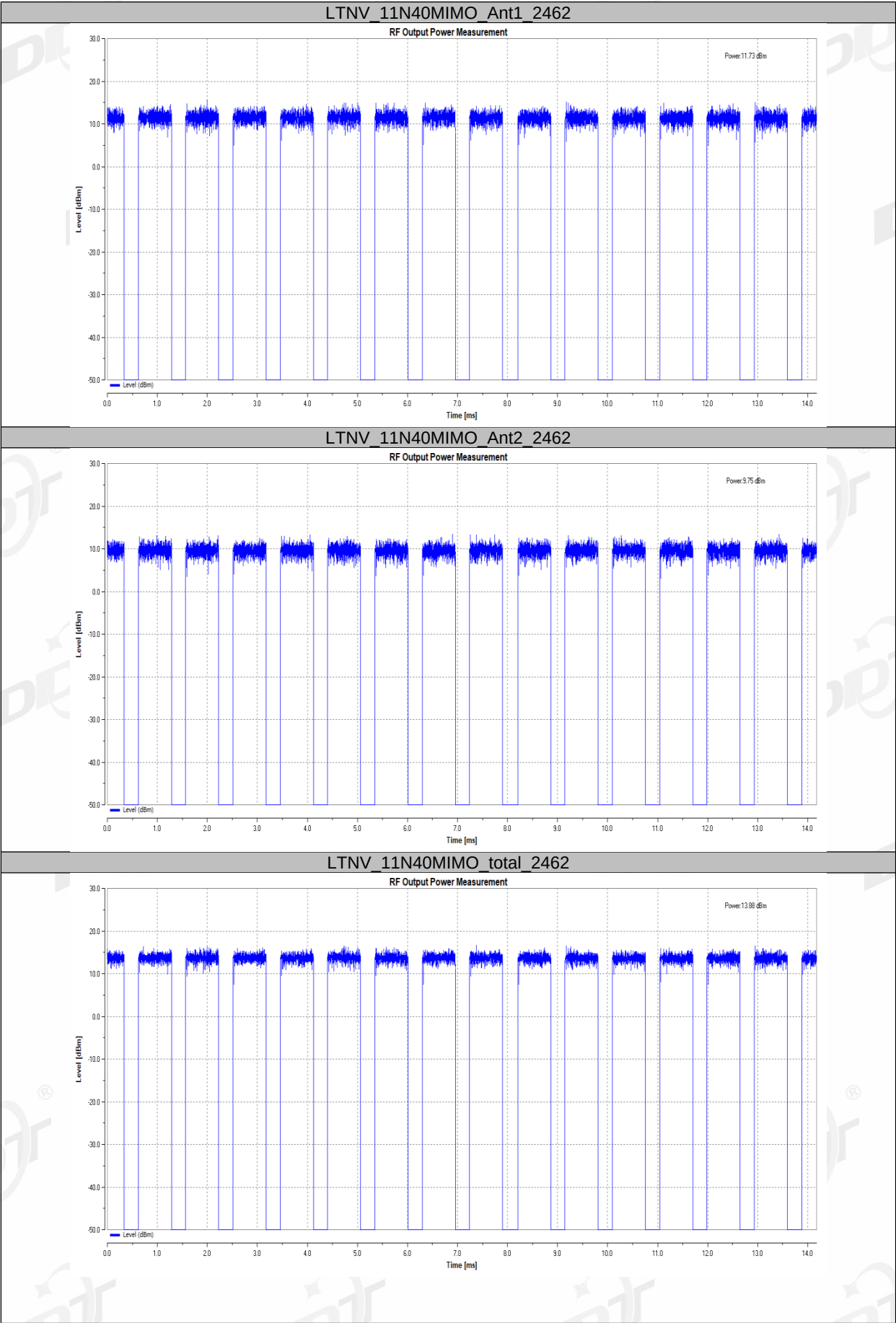


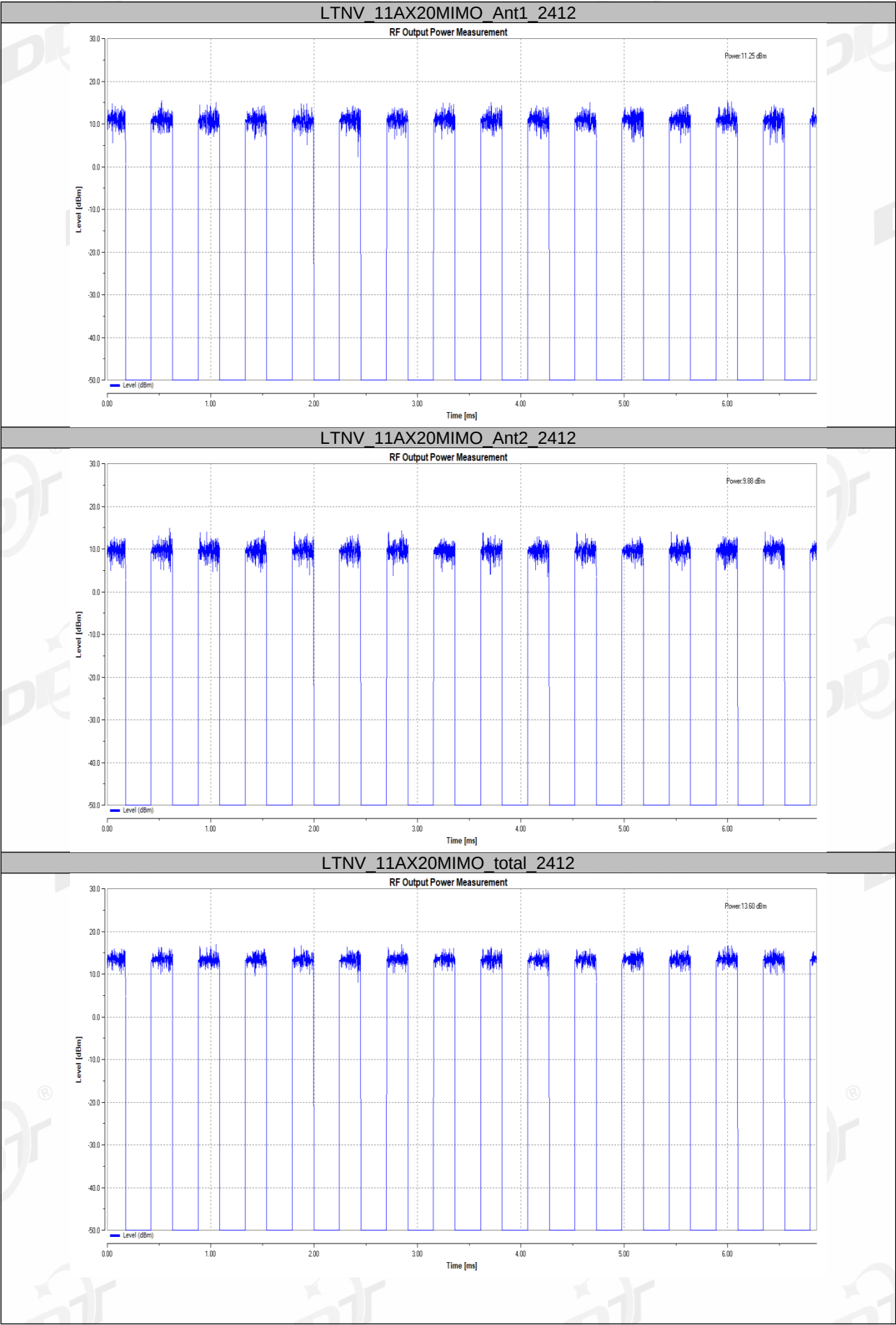


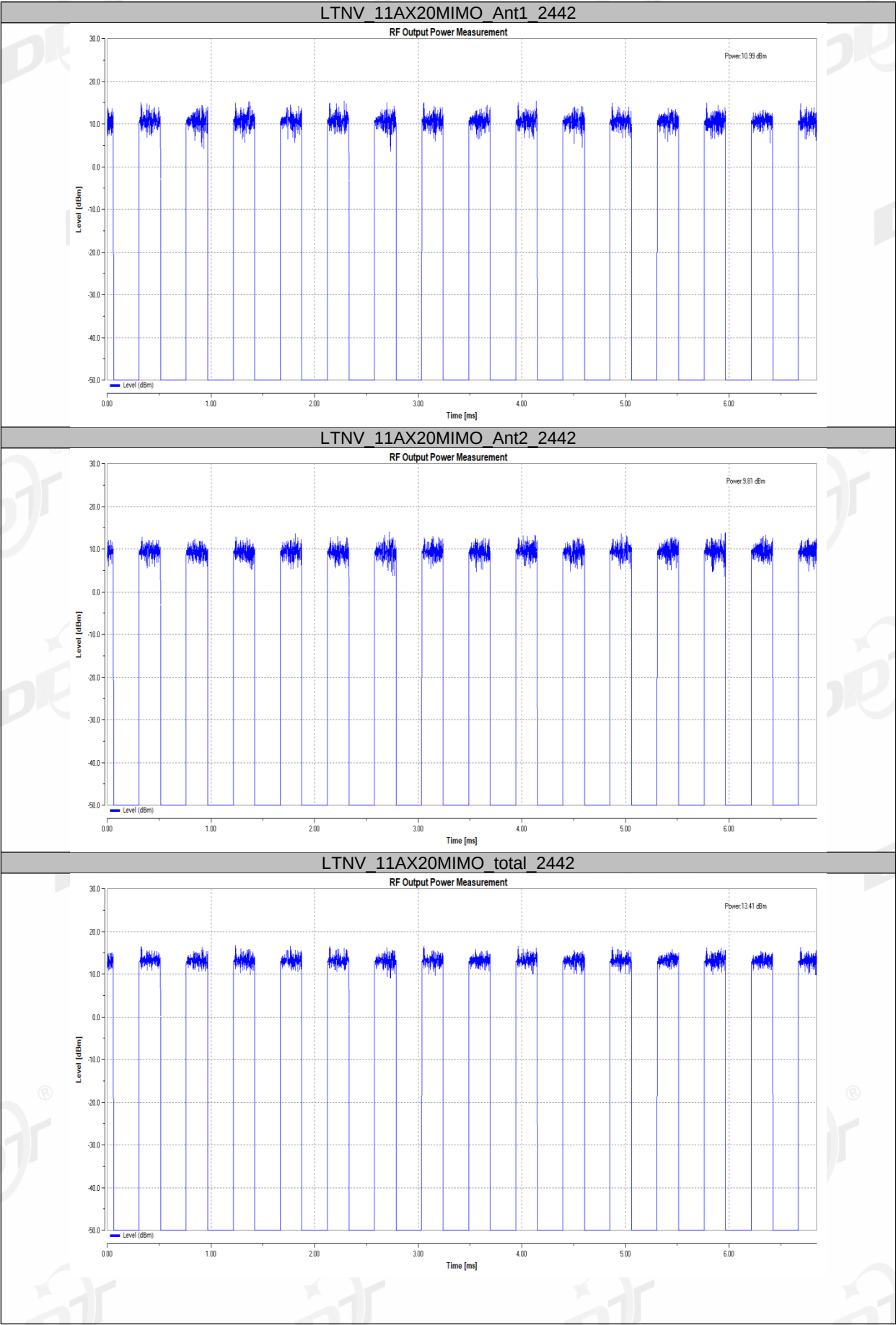


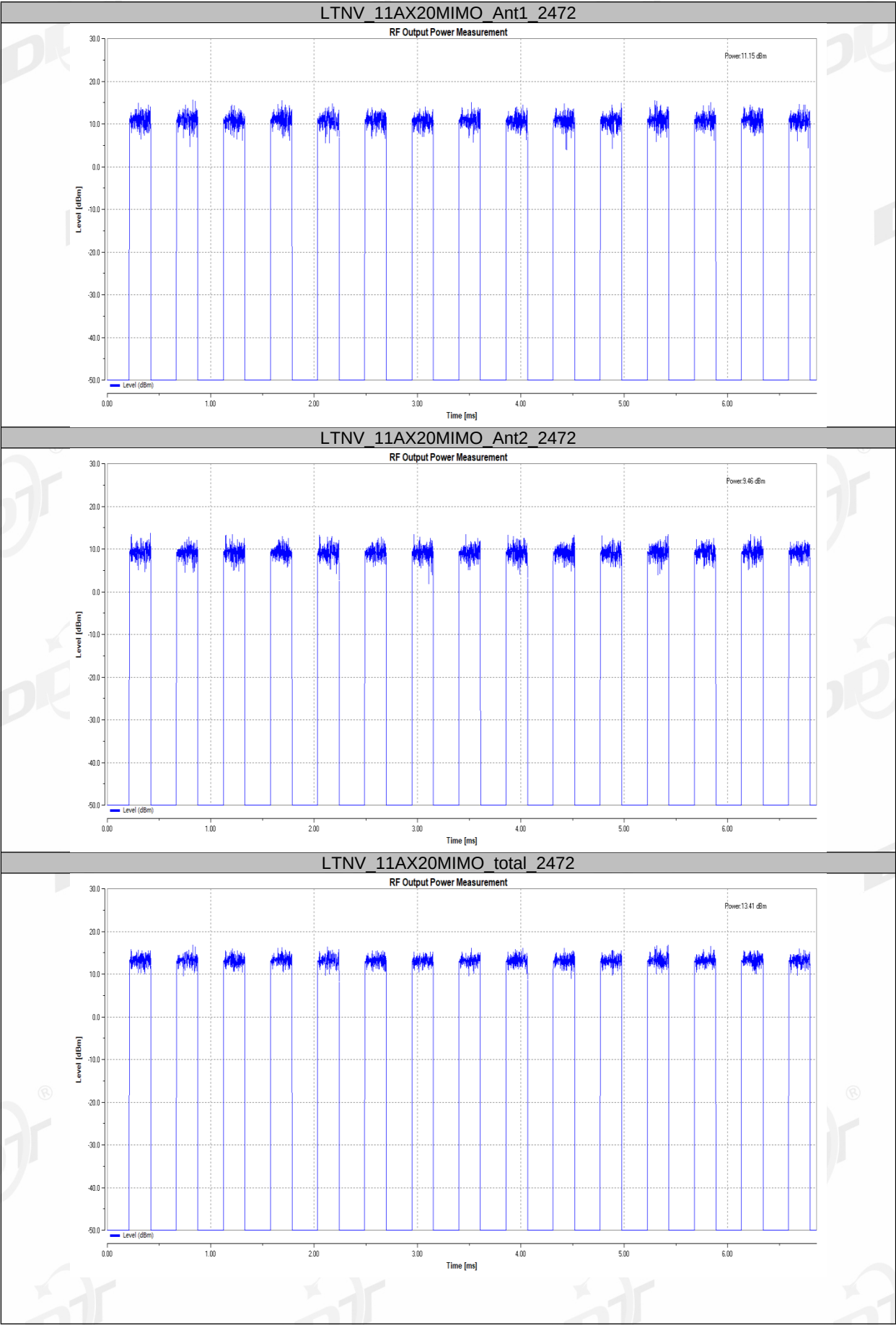


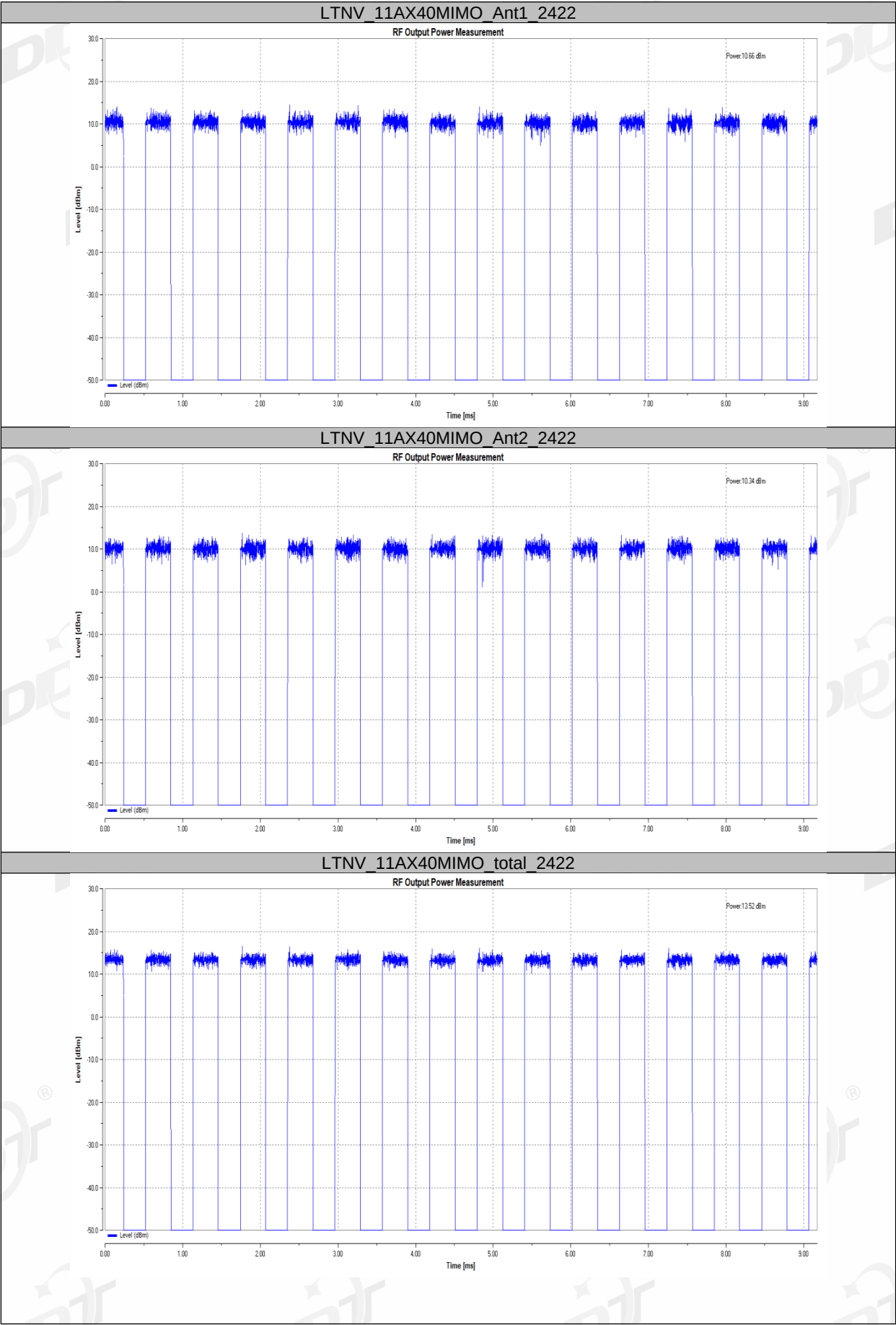


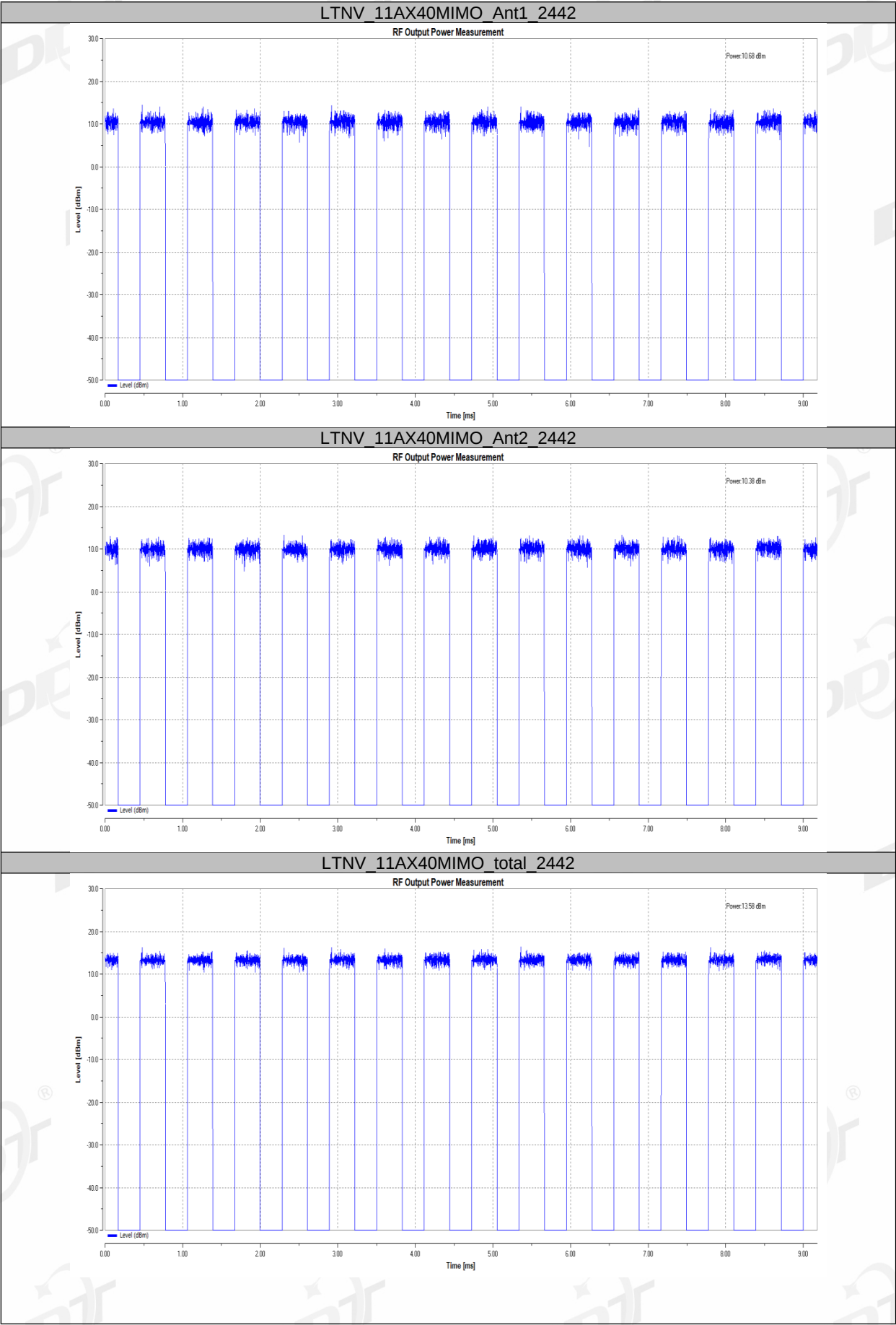


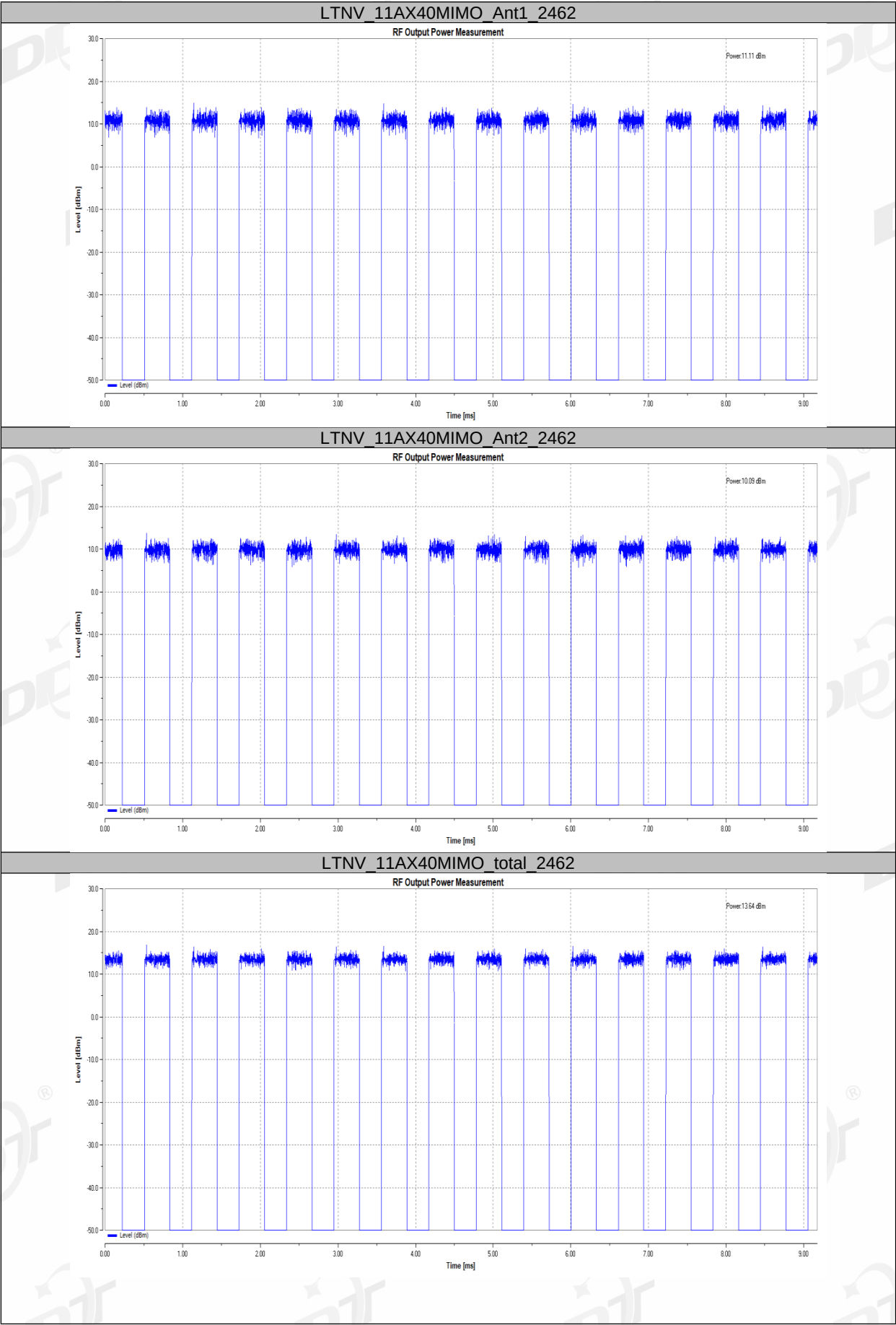


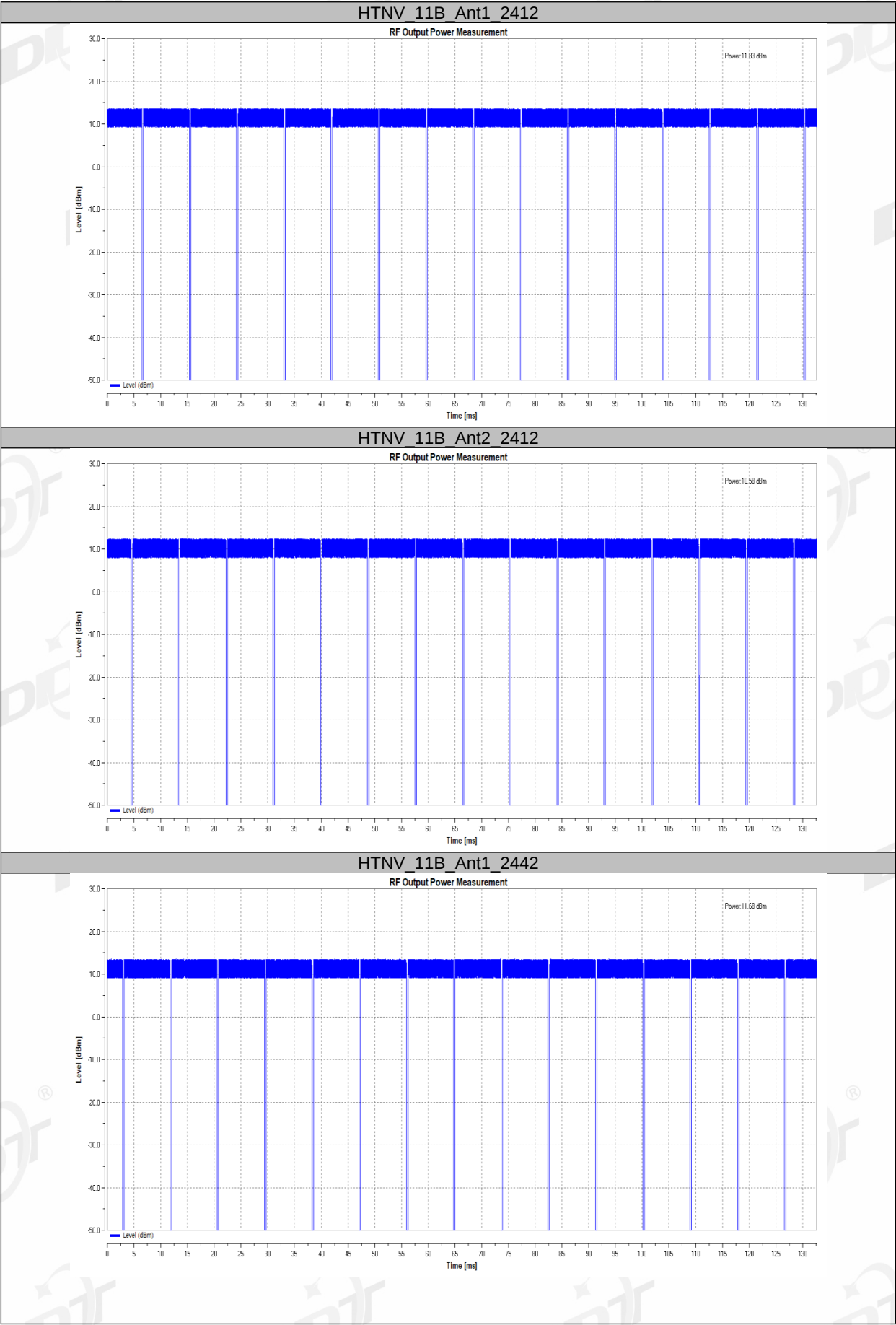


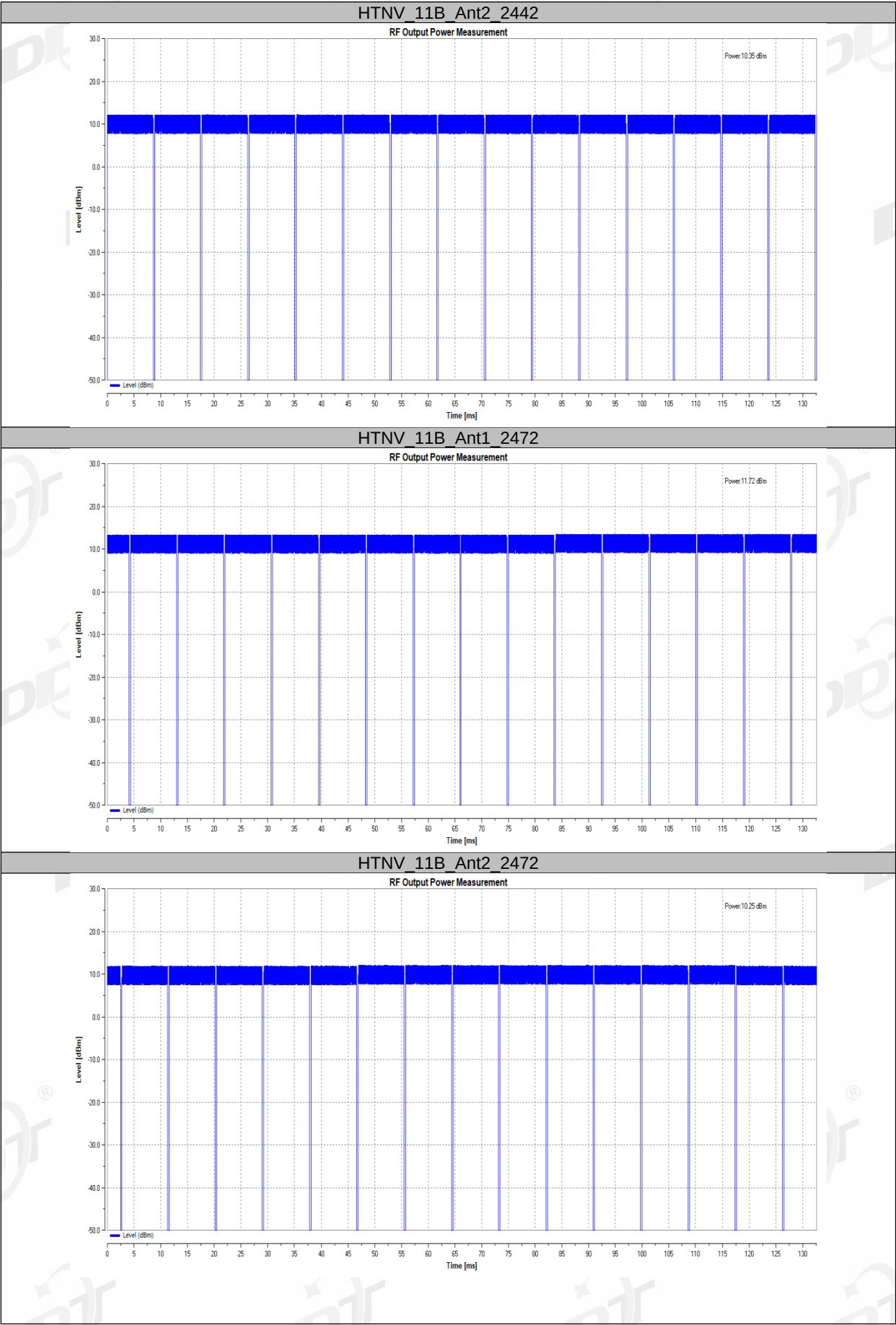


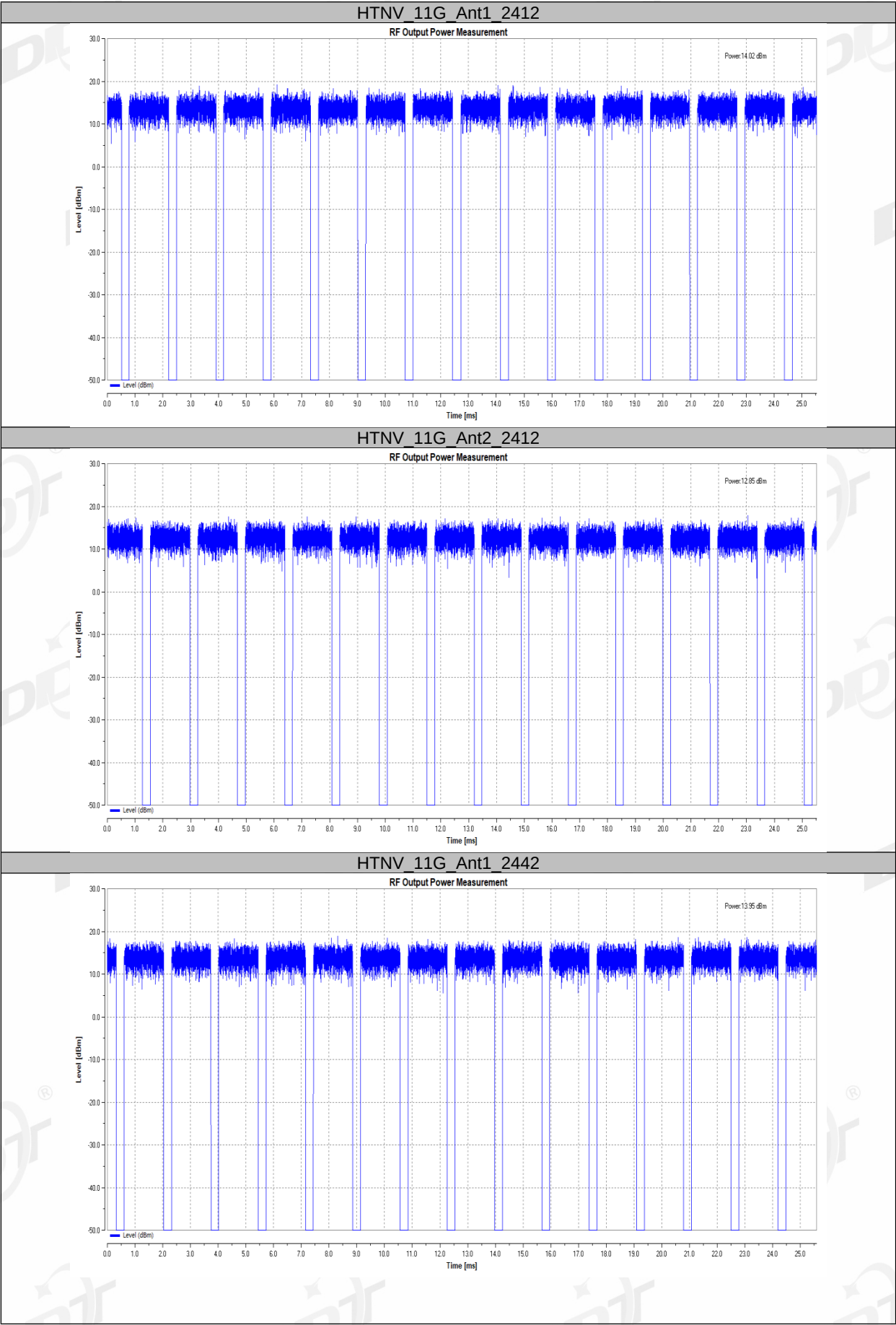


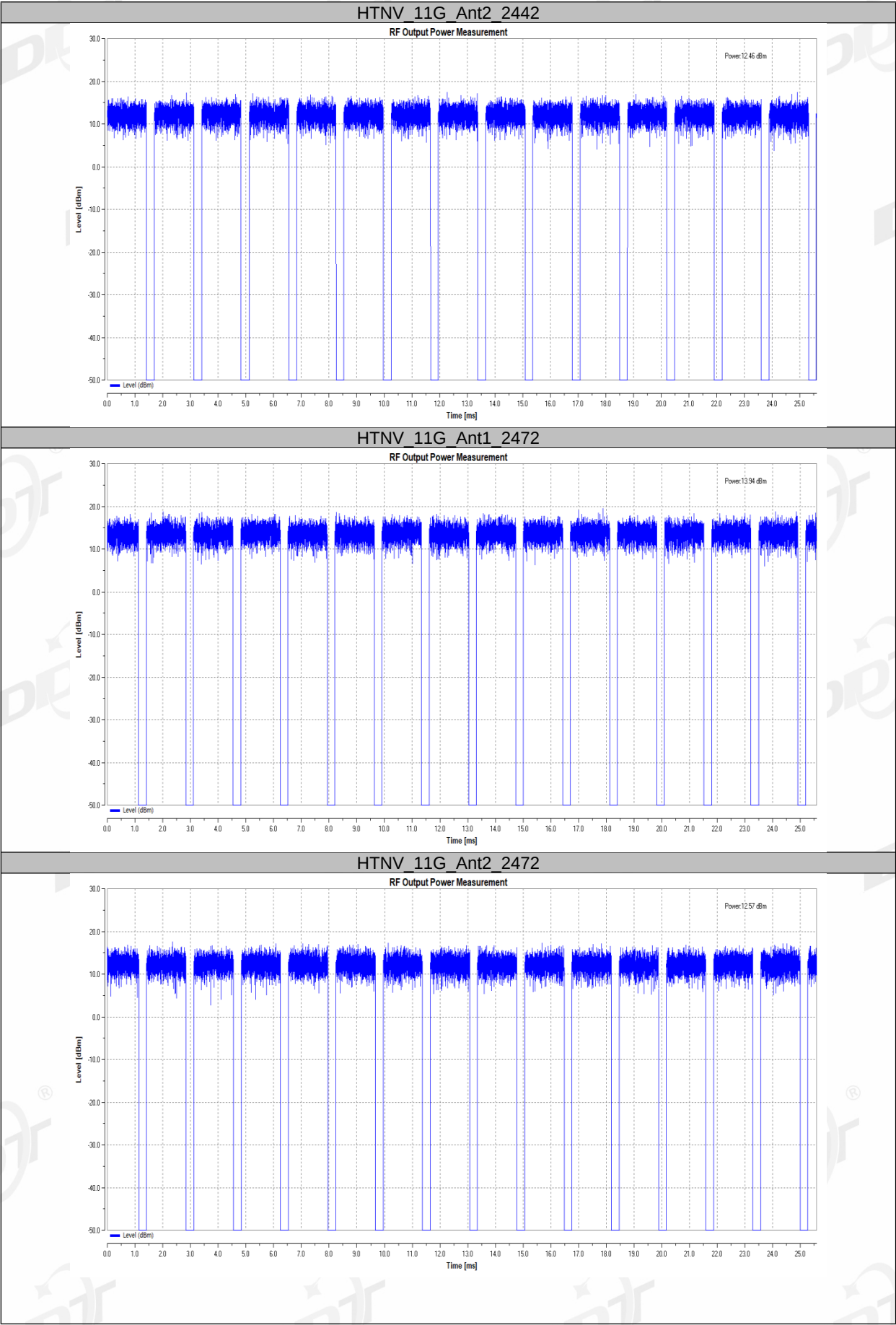


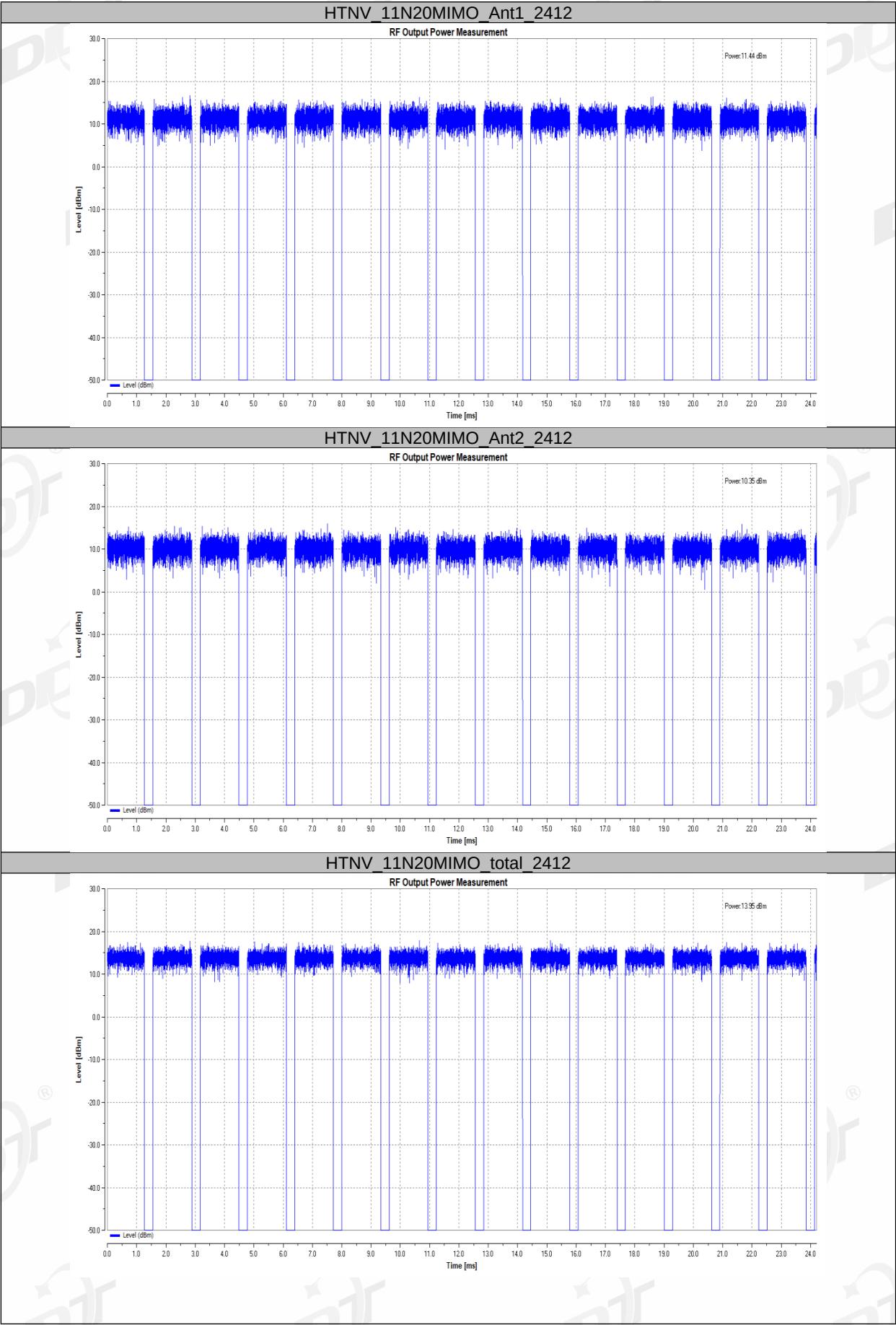


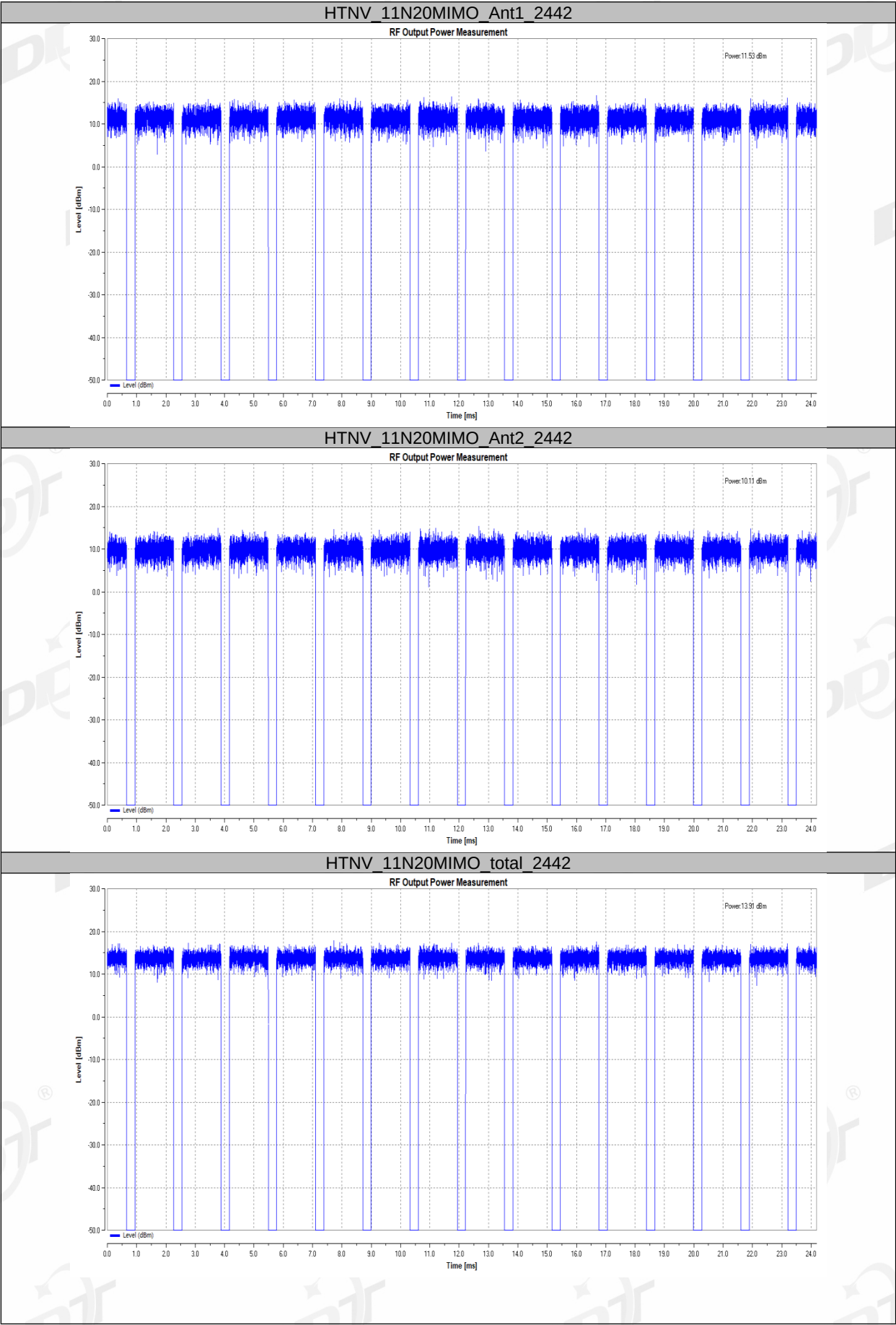


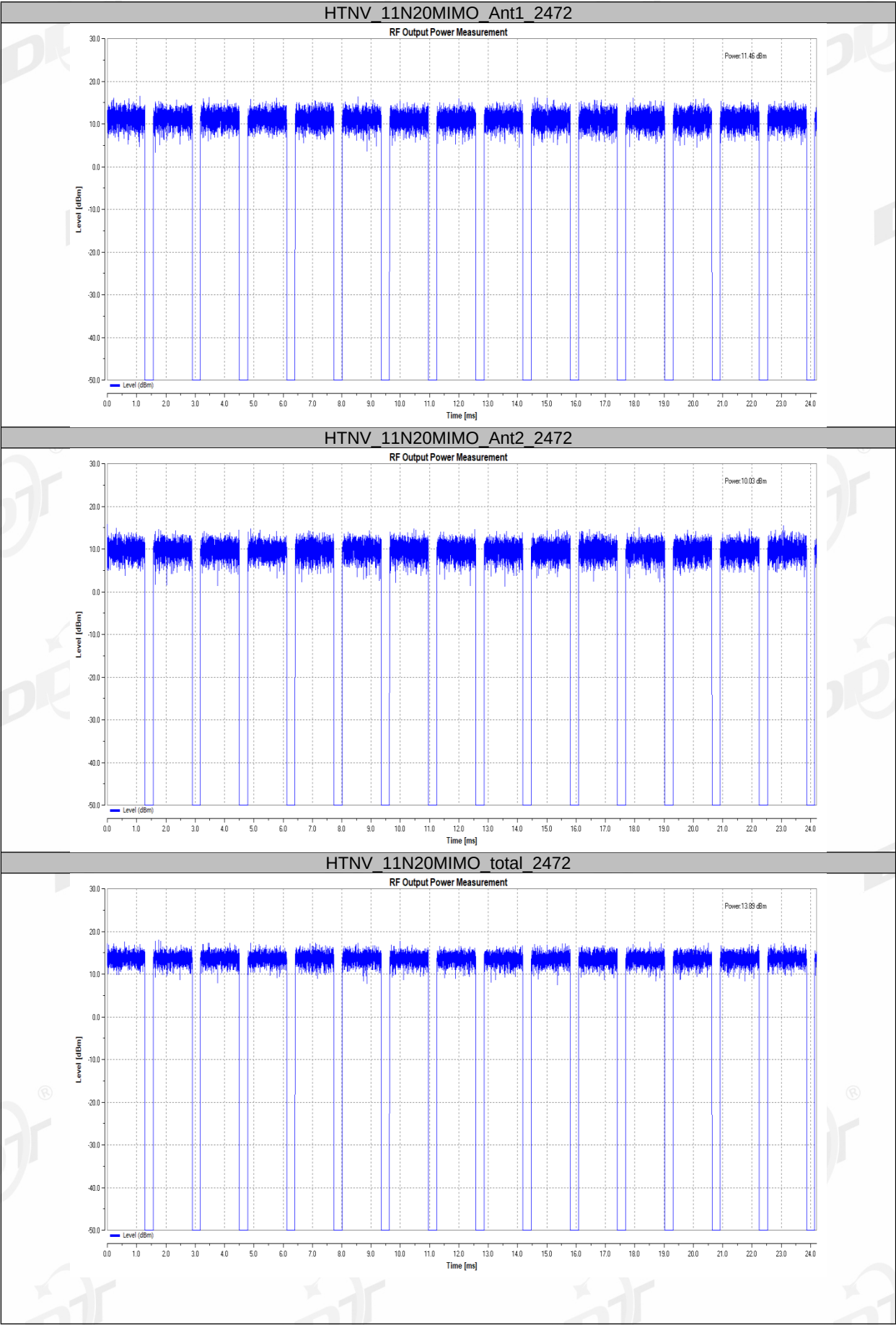


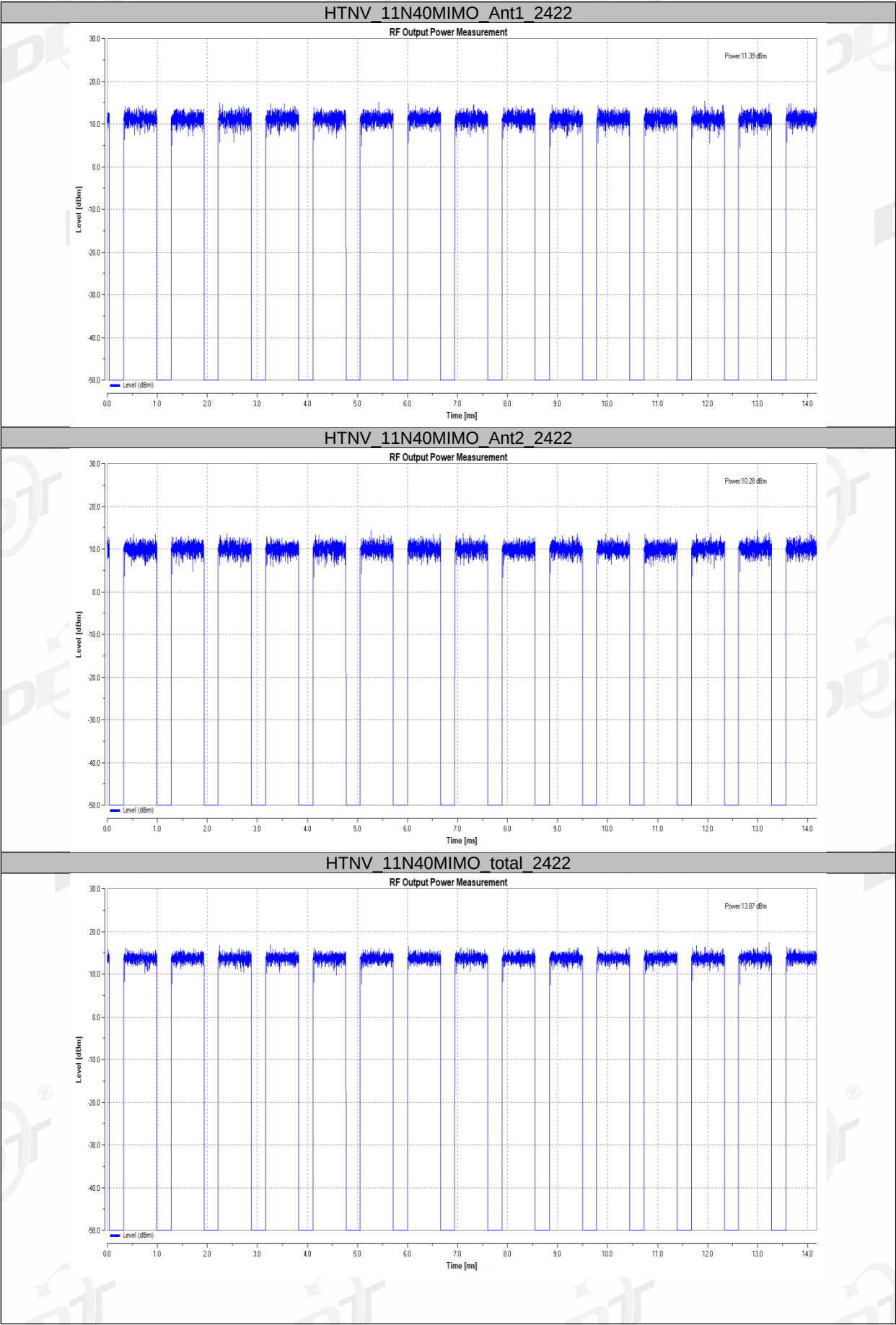


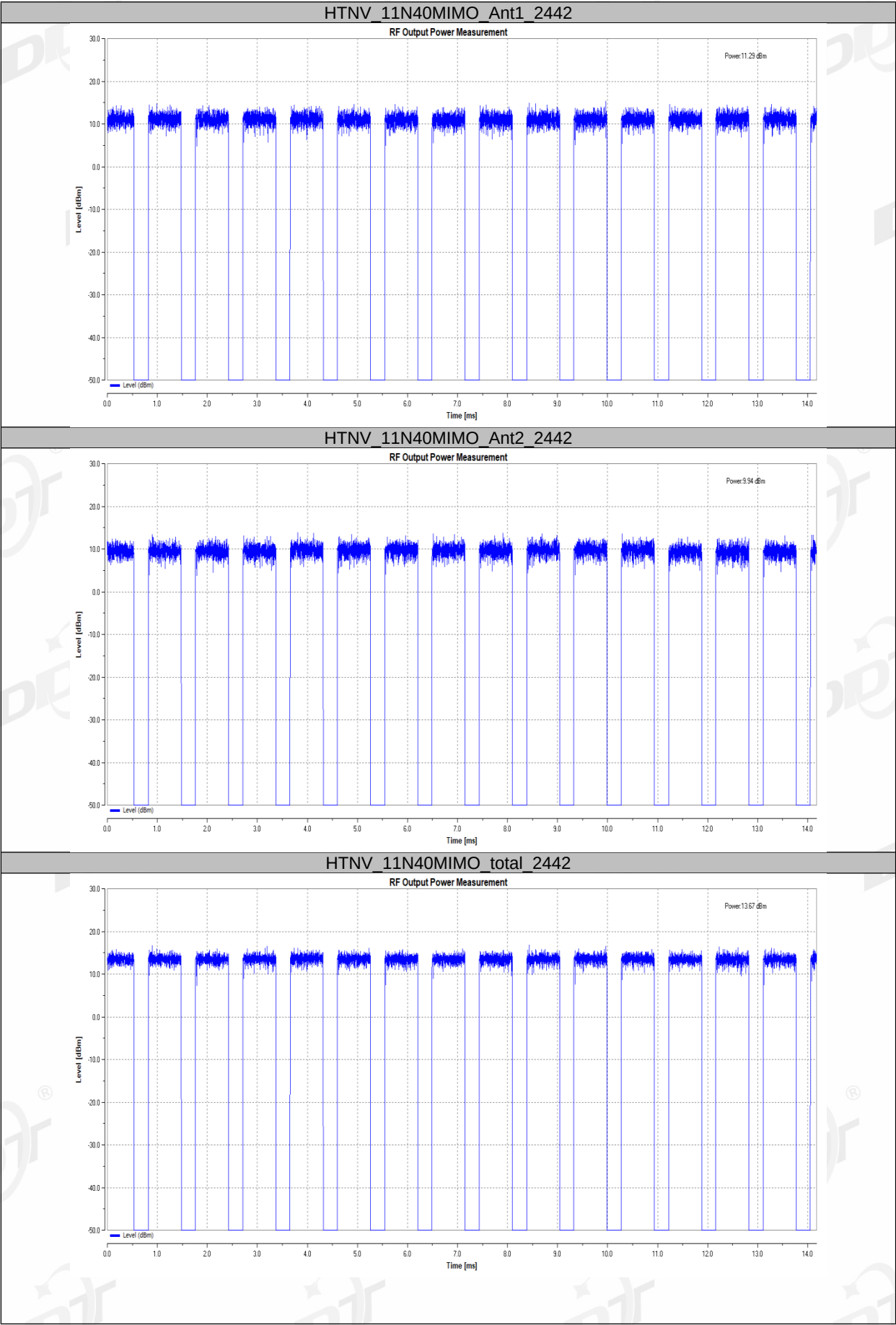


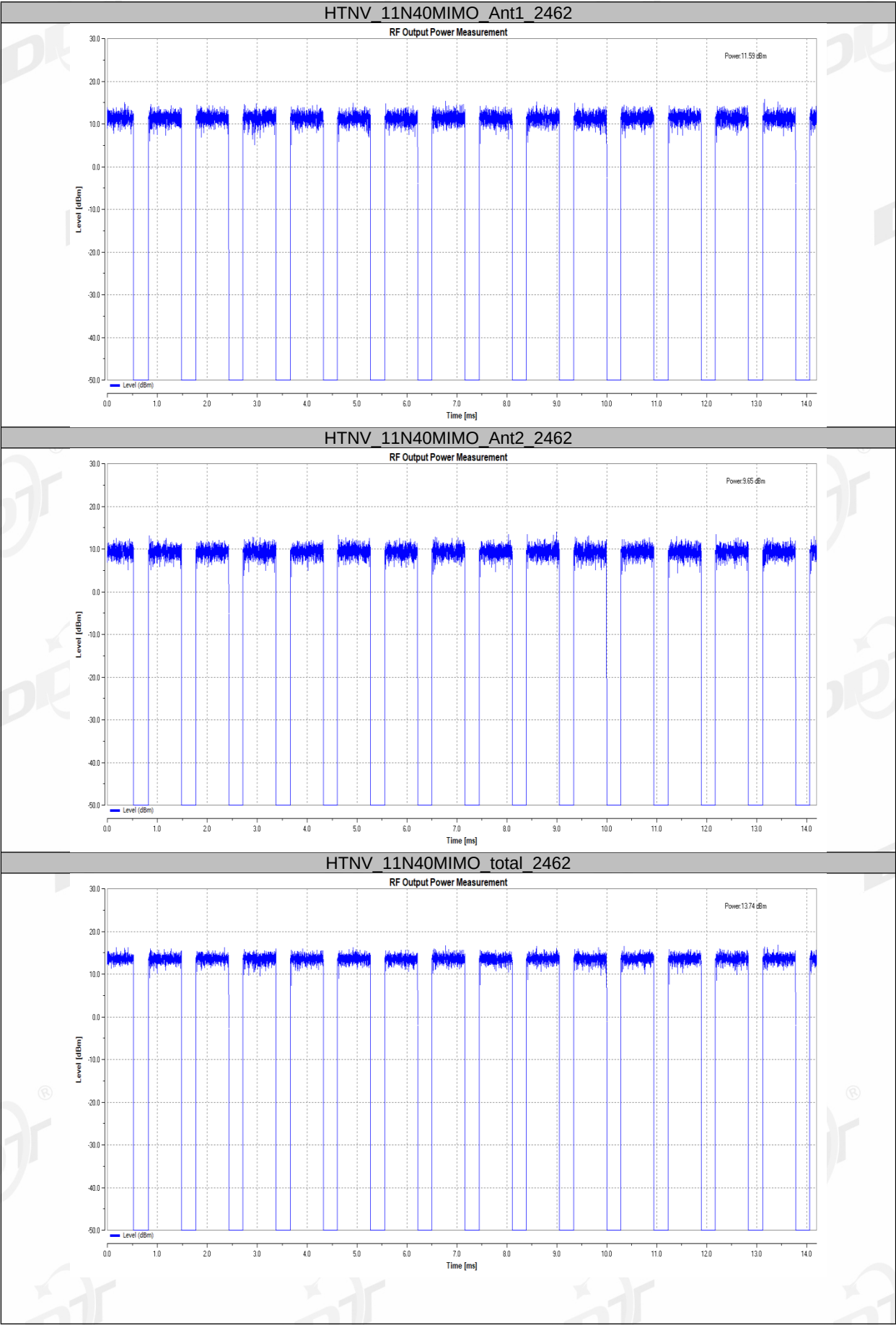


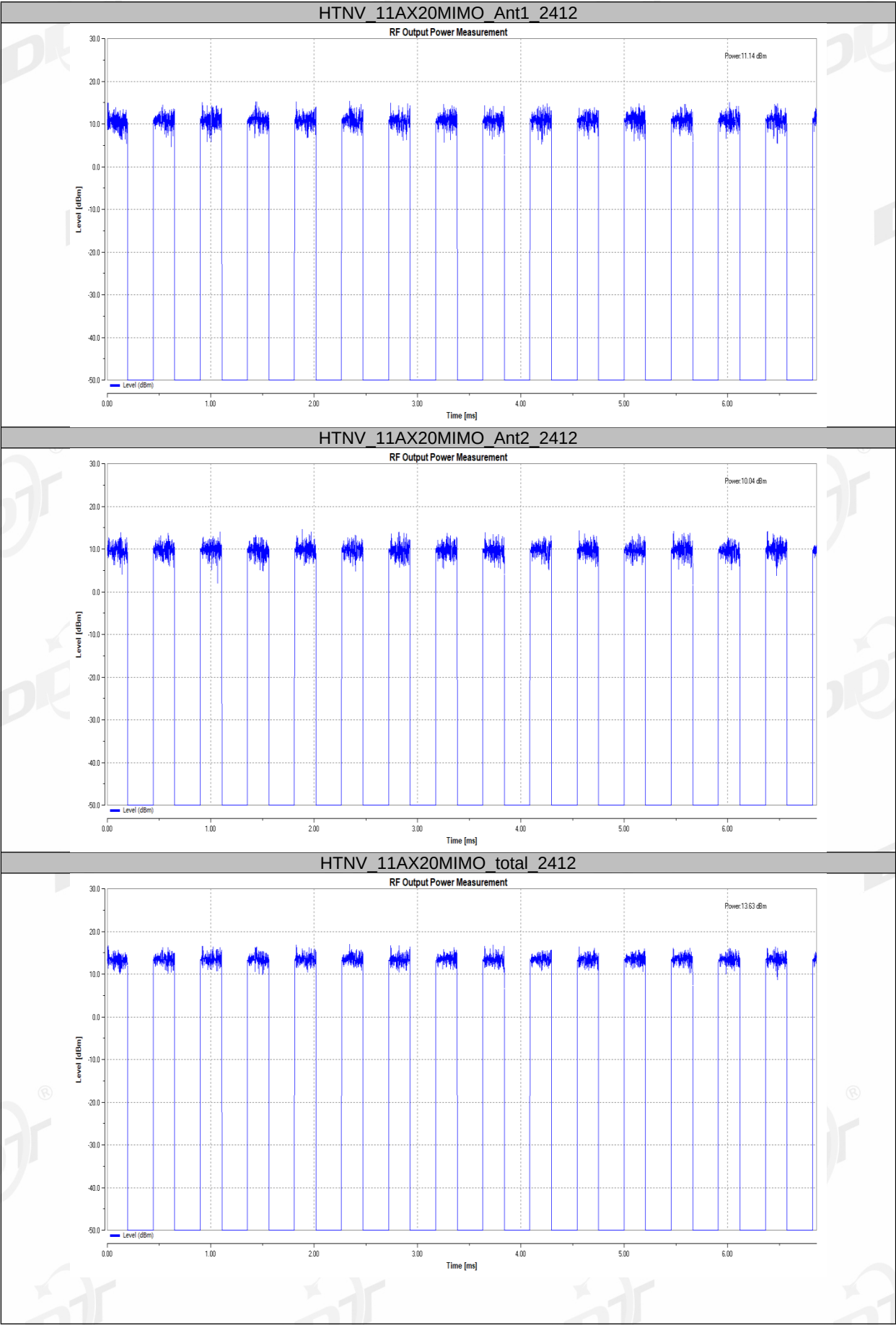


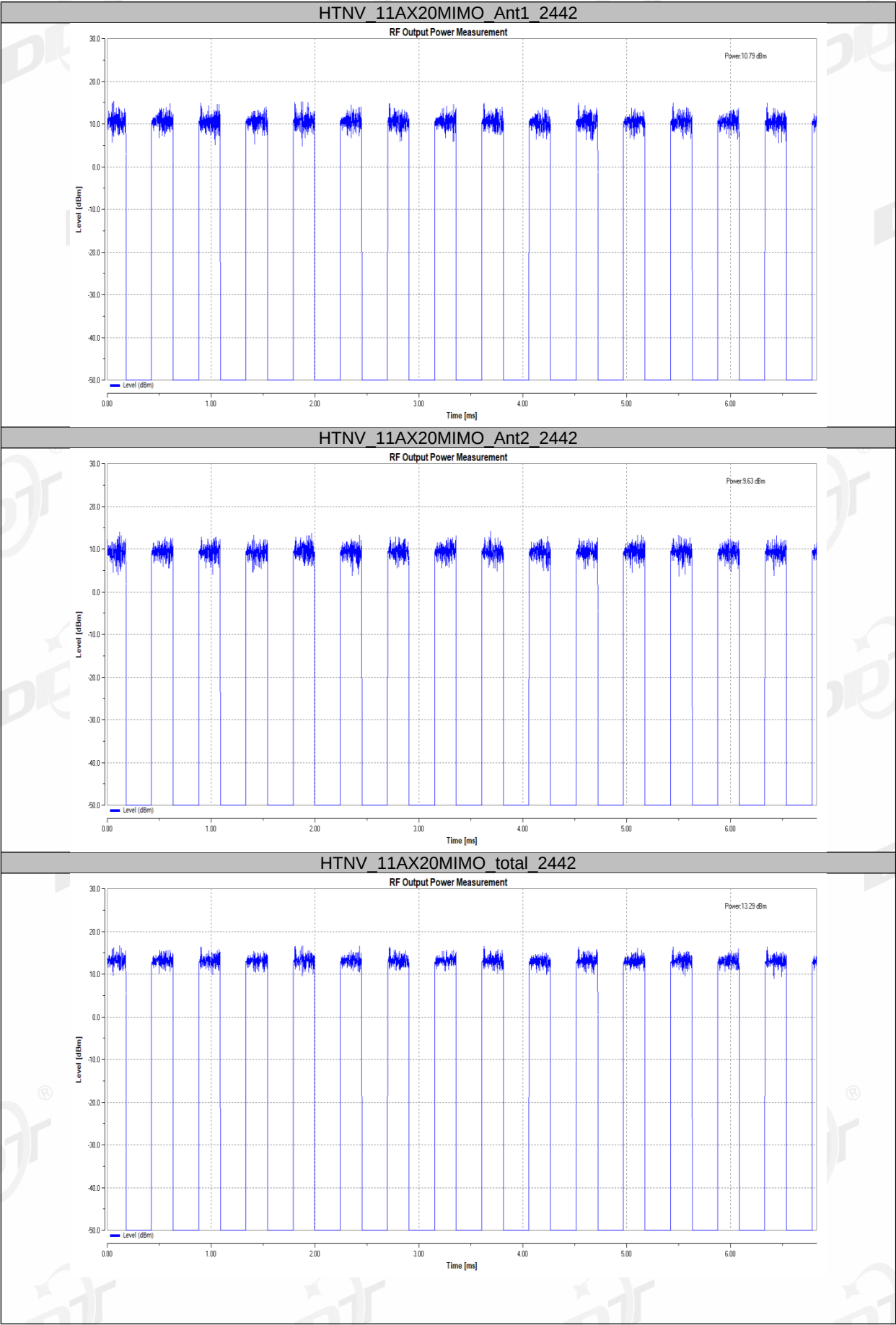


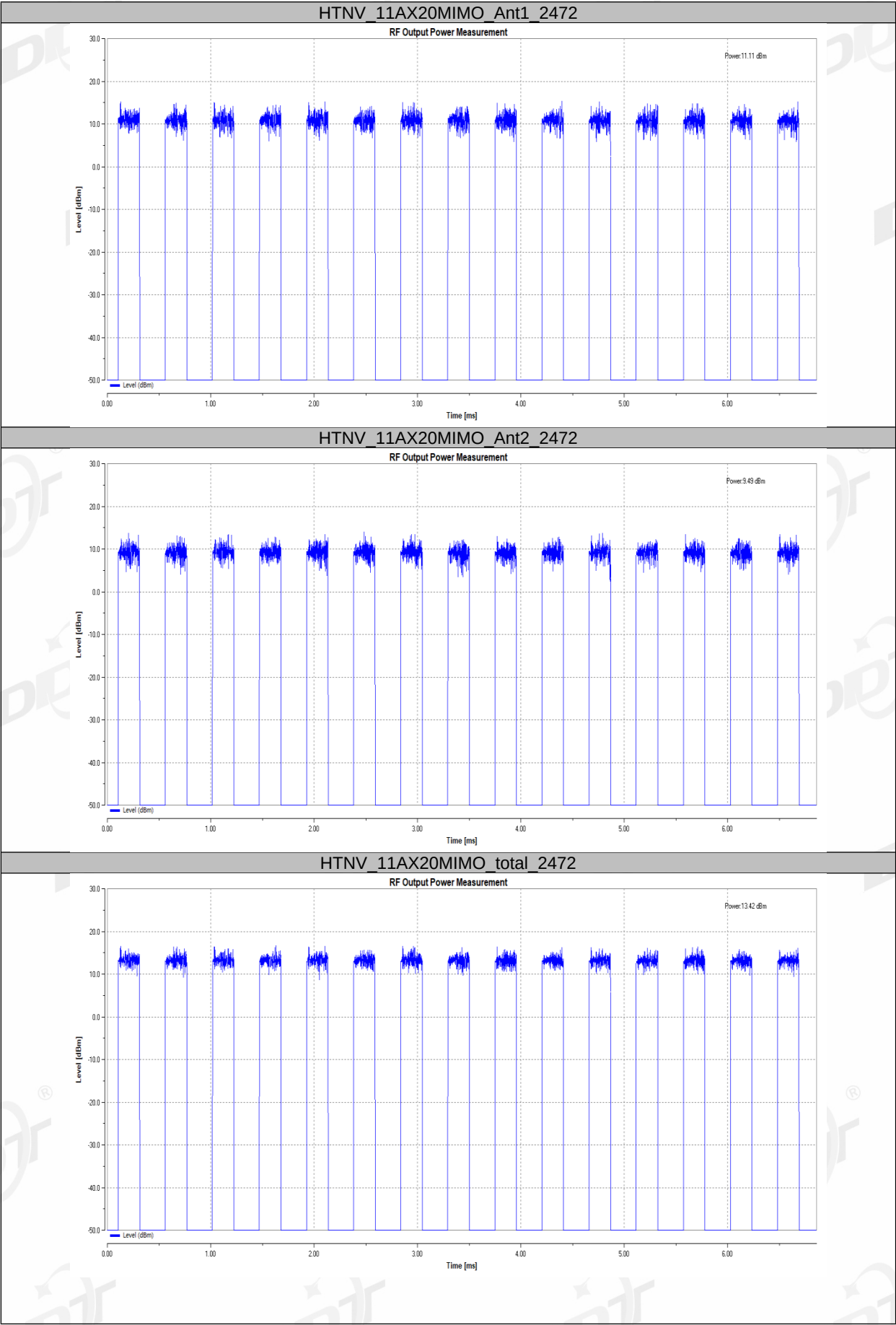


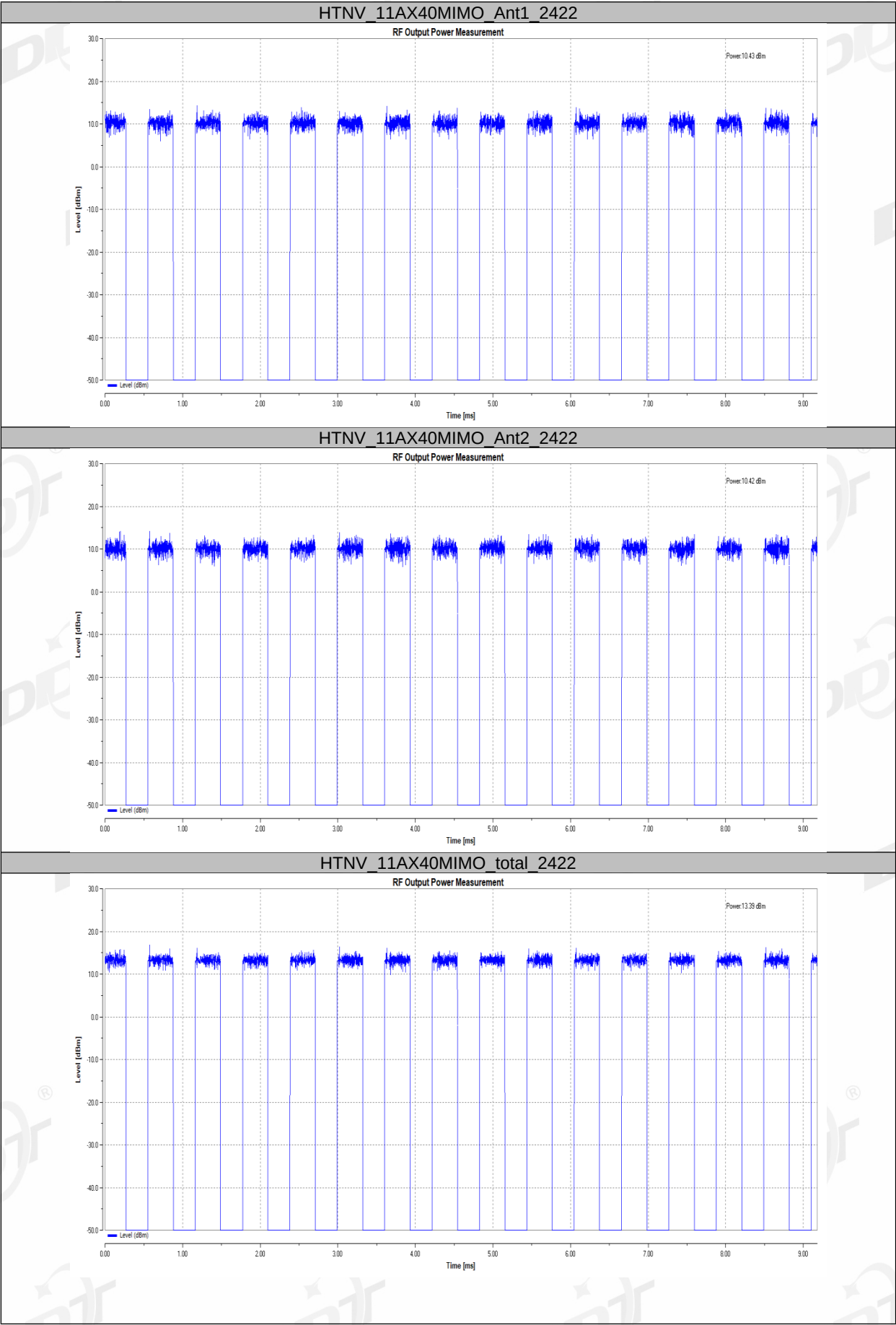


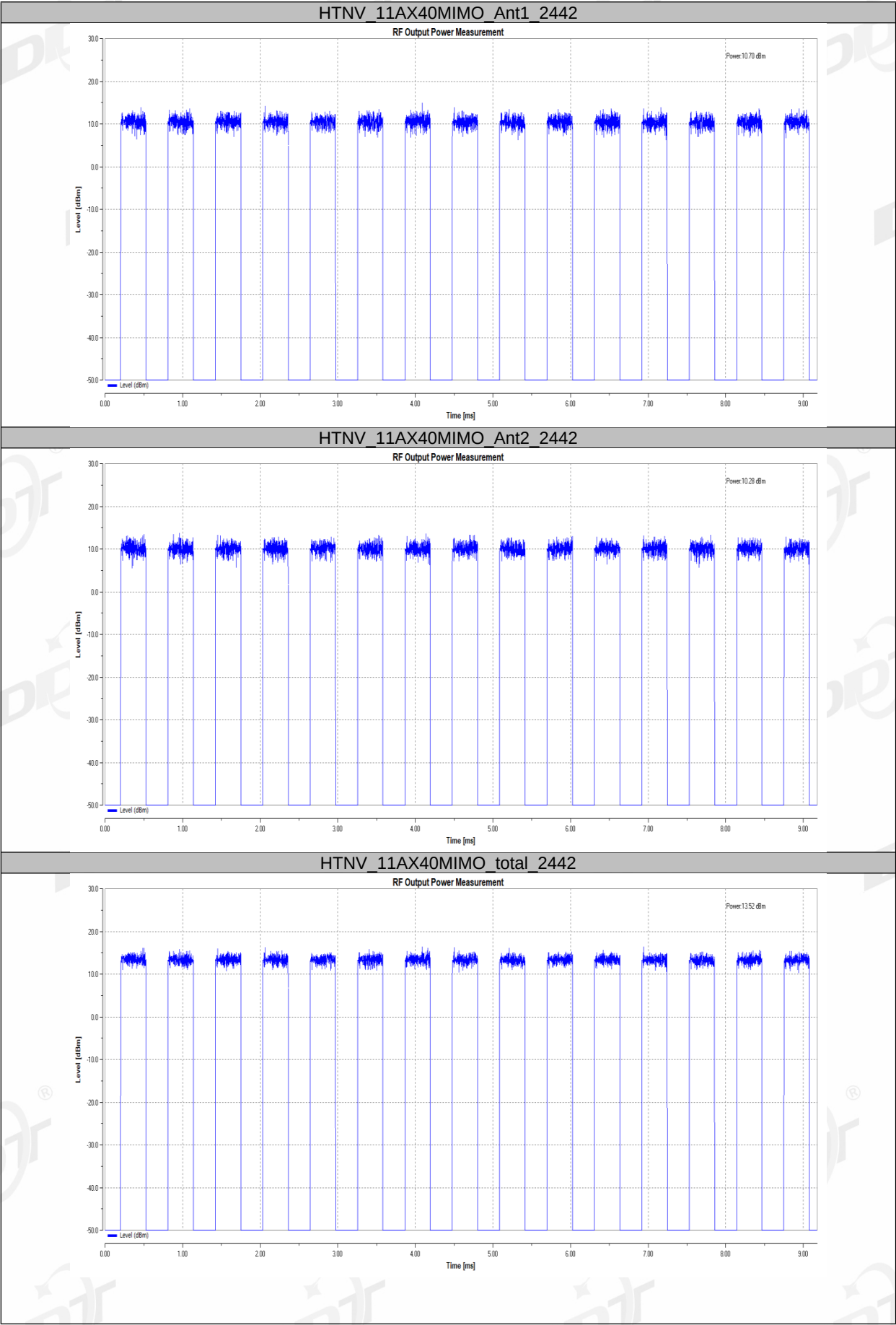


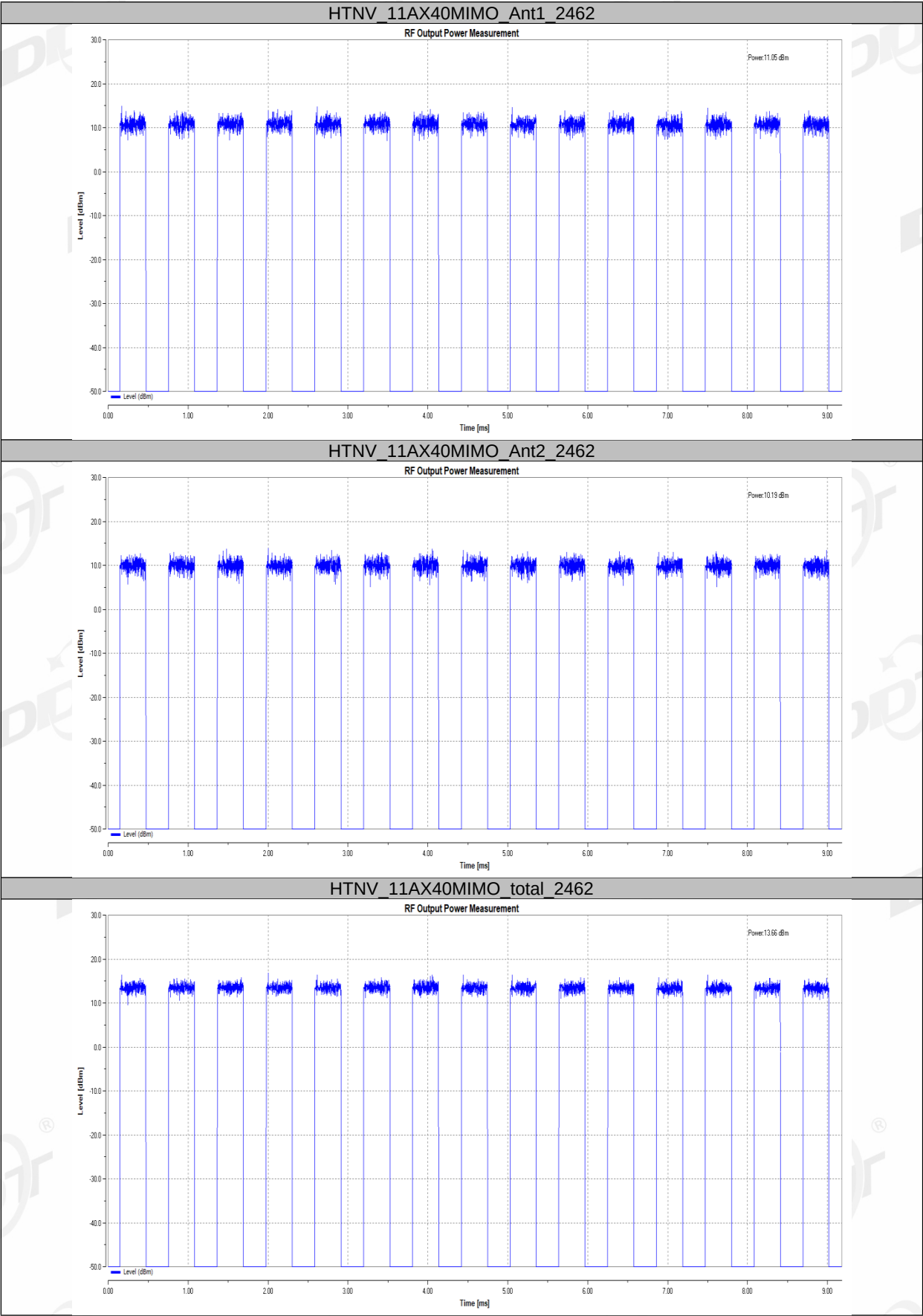






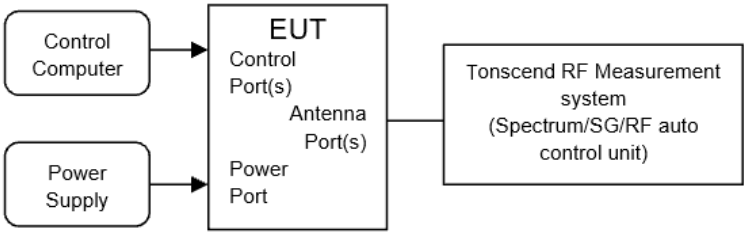






5. Power Special Density

5.1. Block diagram of test setup



5.2. Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 10dBm per MHz band during any time interval of continuous transmission.

5.3. Test procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable.
- (2) Set the spectrum analyzer as follows:

Start Frequency:	2 400 MHz
Stop Frequency:	2 483.5 MHz
RBW:	10 kHz
VBW:	30 kHz
Detector Mode:	RMS
Sweep Points:	> 8 350
Sweep time:	10s
Trace mode	Max hold

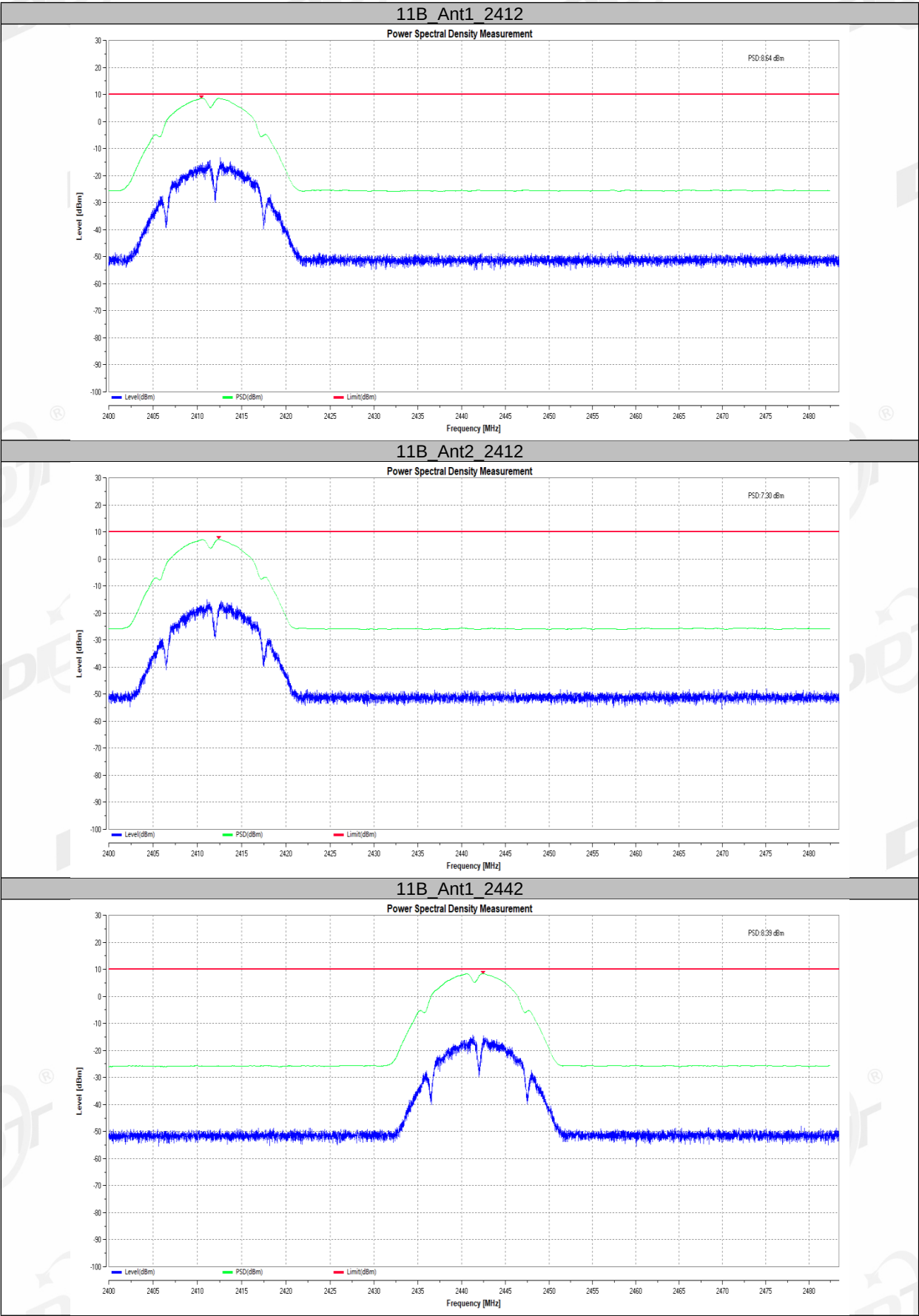
5.4. Test result

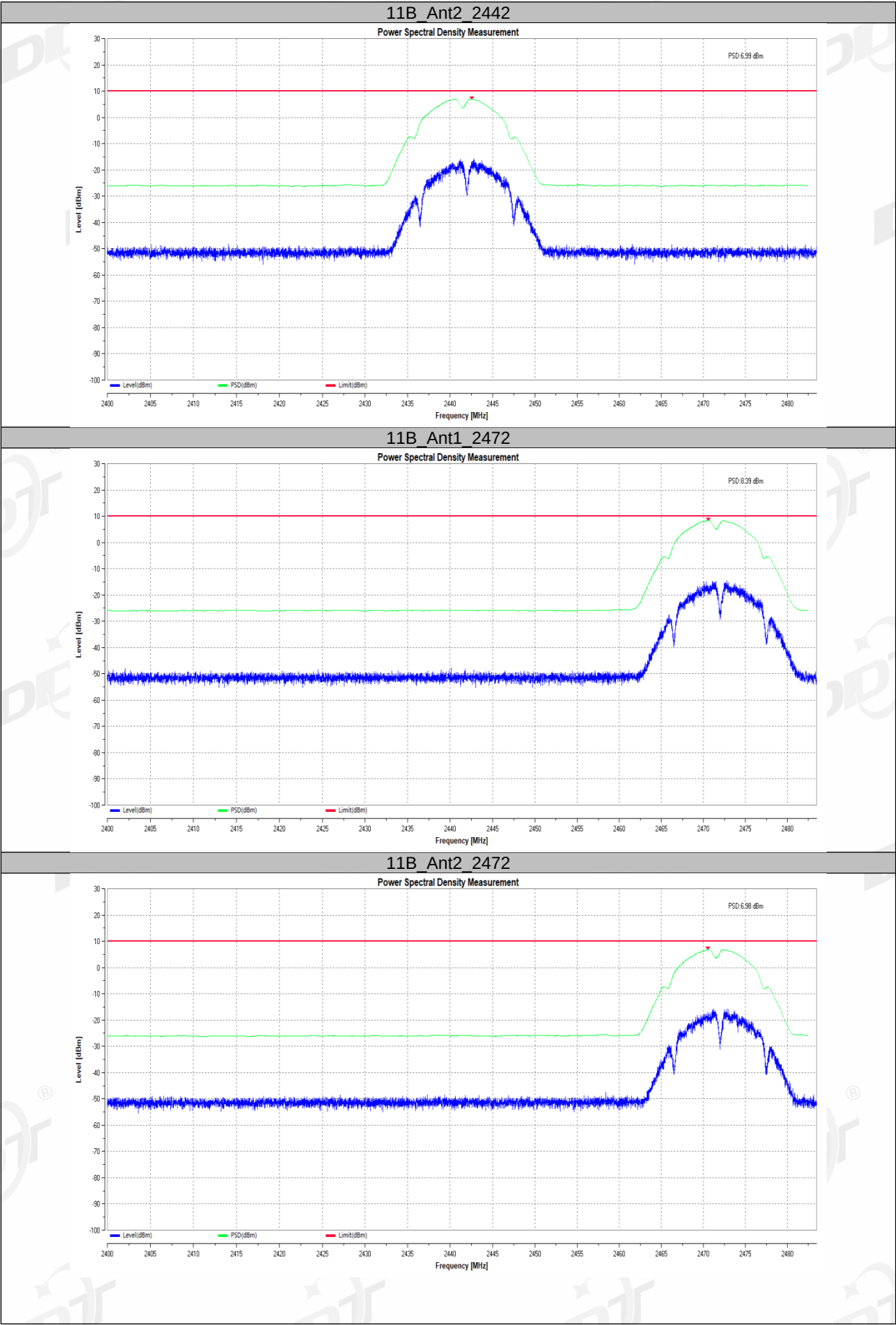
Test Engineer:	Tyang	Test Site:	RF Measurement System 3#
Ambient Condition:	25.6℃, 38.5%RH	Test Date:	2025.12.03-2025.12.04
Test Power Supply:	AC 230V	Sample Number:	S25090923-004

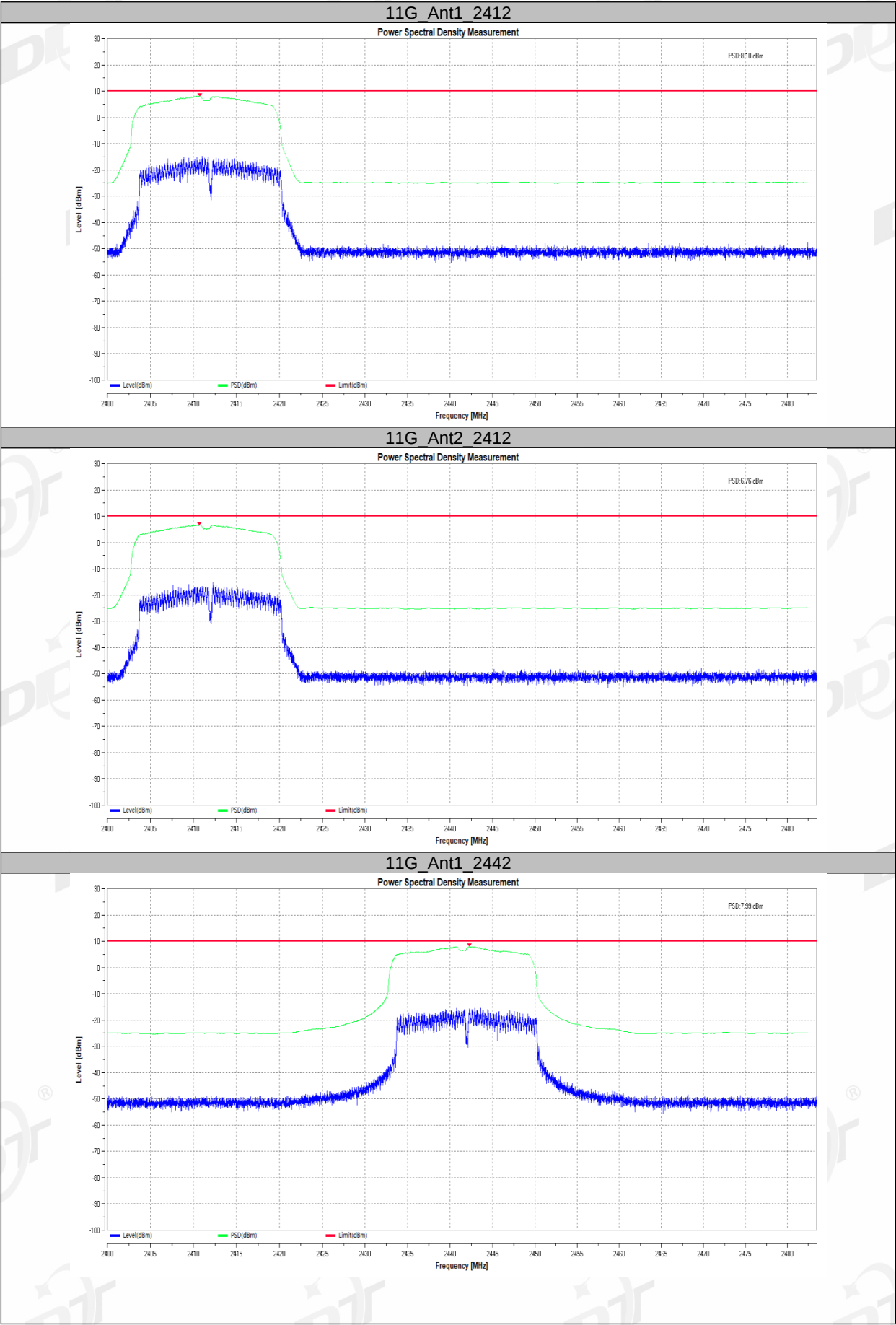
Test Mode	Antenna	Frequency (MHz)	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11B	Ant2	2412	7.30	10	PASS
	Ant1	2442	8.39	10	PASS
	Ant2	2442	6.99	10	PASS
	Ant1	2472	8.39	10	PASS
	Ant2	2472	6.98	10	PASS
11G	Ant1	2412	8.10	10	PASS
	Ant2	2412	6.76	10	PASS
	Ant1	2442	7.99	10	PASS
	Ant2	2442	6.37	10	PASS
	Ant1	2472	8.32	10	PASS
	Ant2	2472	6.28	10	PASS
11N20MIMO	Ant1	2412	5.41	10	PASS
	Ant2	2412	4.31	10	PASS
	total	2412	7.93	10	PASS
	Ant1	2442	5.20	10	PASS
	Ant2	2442	3.86	10	PASS
	total	2442	7.65	10	PASS
	Ant1	2472	5.43	10	PASS
	Ant2	2472	3.92	10	PASS
	total	2472	7.79	10	PASS
11N40MIMO	Ant1	2422	2.39	10	PASS

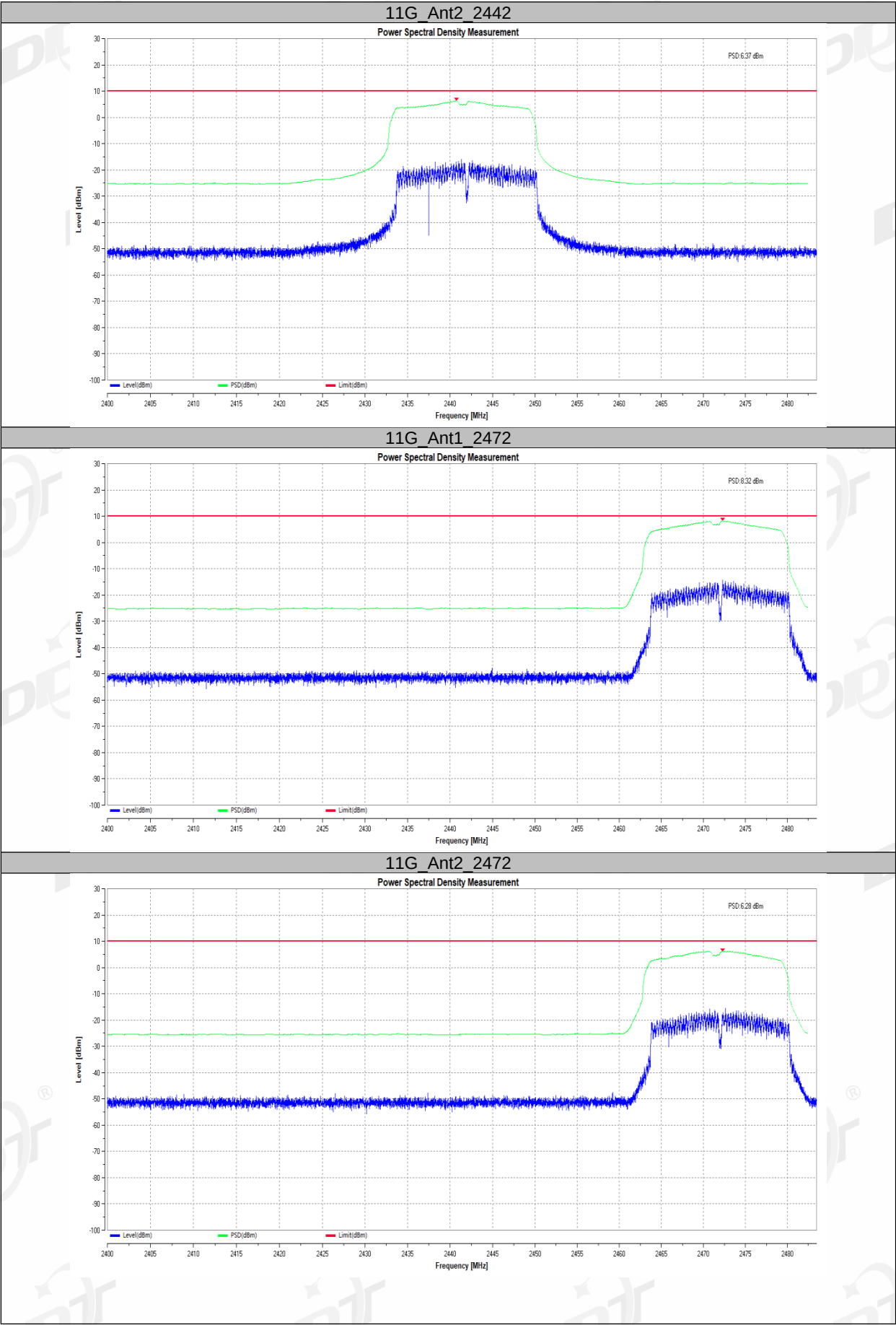
	Ant2	2422	0.89	10	PASS
	total	2422	4.72	10	PASS
	Ant1	2442	2.31	10	PASS
	Ant2	2442	0.54	10	PASS
	total	2442	4.45	10	PASS
	Ant1	2462	2.30	10	PASS
	Ant2	2462	0.27	10	PASS
	total	2462	4.36	10	PASS
11AX20MIMO	Ant1	2412	4.74	10	PASS
	Ant2	2412	3.27	10	PASS
	total	2412	7.05	10	PASS
	Ant1	2442	4.07	10	PASS
	Ant2	2442	2.66	10	PASS
	total	2442	6.43	10	PASS
	Ant1	2472	4.52	10	PASS
	Ant2	2472	2.80	10	PASS
	total	2472	6.71	10	PASS
11AX40MIMO	Ant1	2422	1.05	10	PASS
	Ant2	2422	0.55	10	PASS
	total	2422	3.81	10	PASS
	Ant1	2442	1.26	10	PASS
	Ant2	2442	0.47	10	PASS
	total	2442	3.86	10	PASS
	Ant1	2462	1.29	10	PASS
	Ant2	2462	0.38	10	PASS
	total	2462	3.80	10	PASS

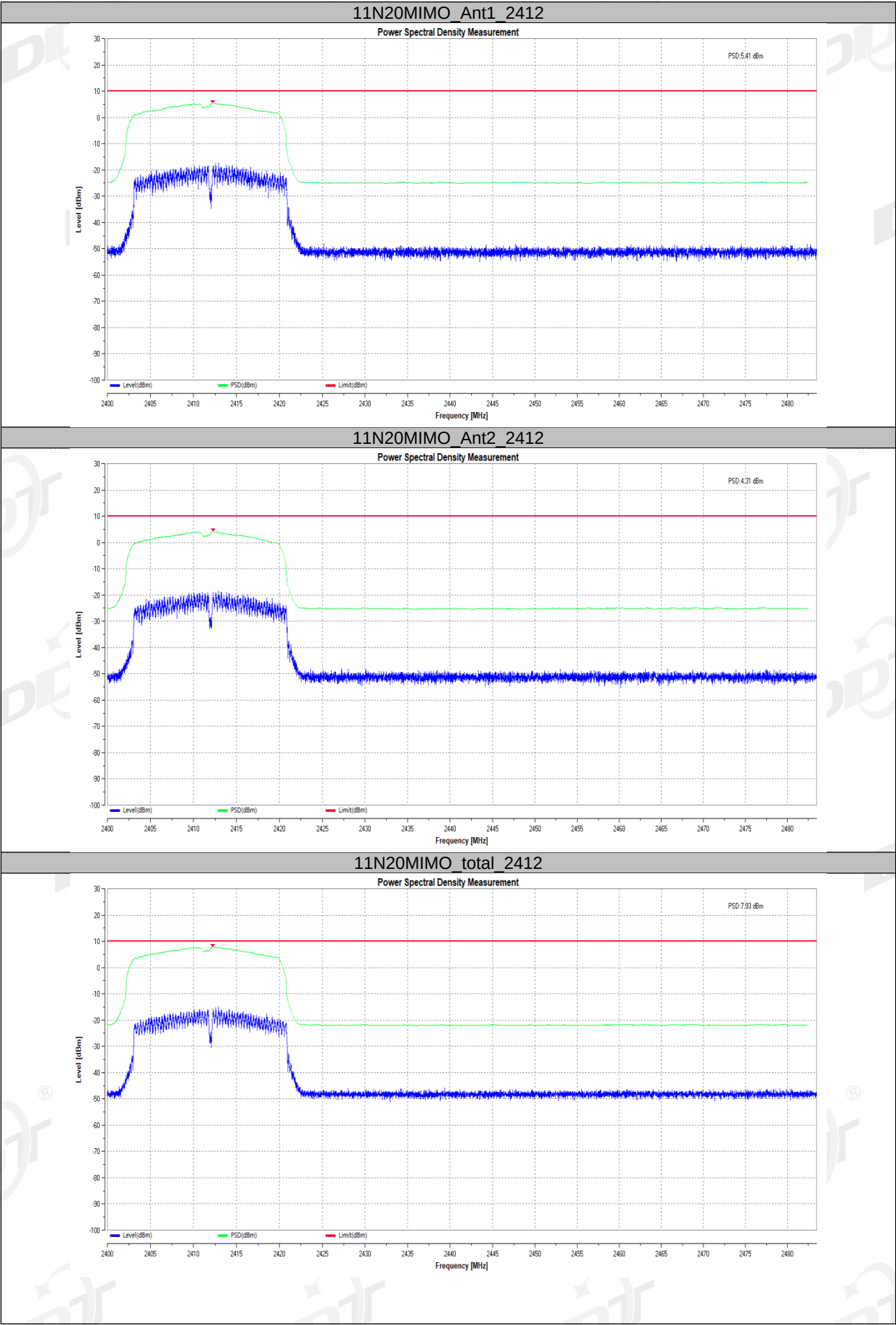
5.5. Test graphs

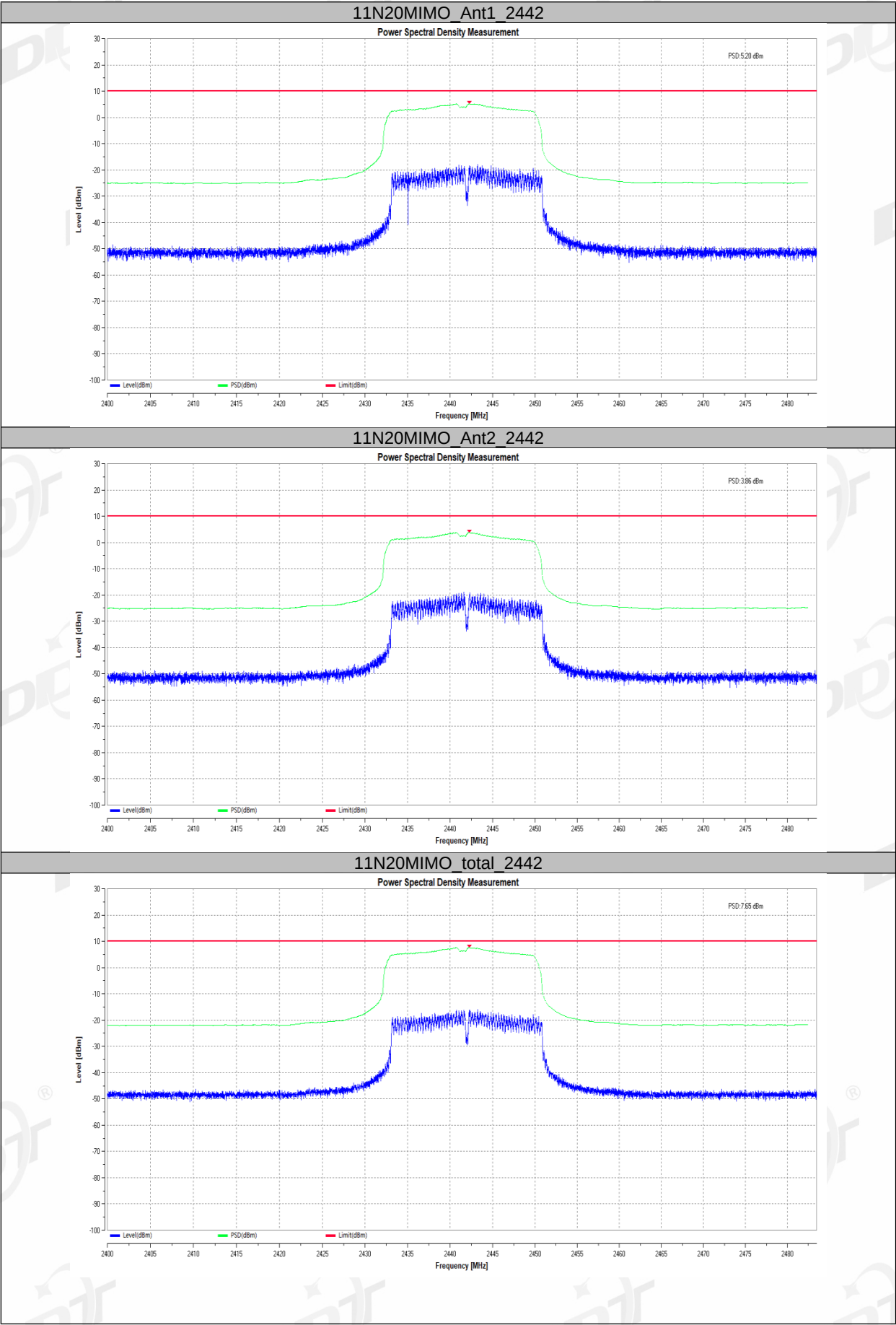


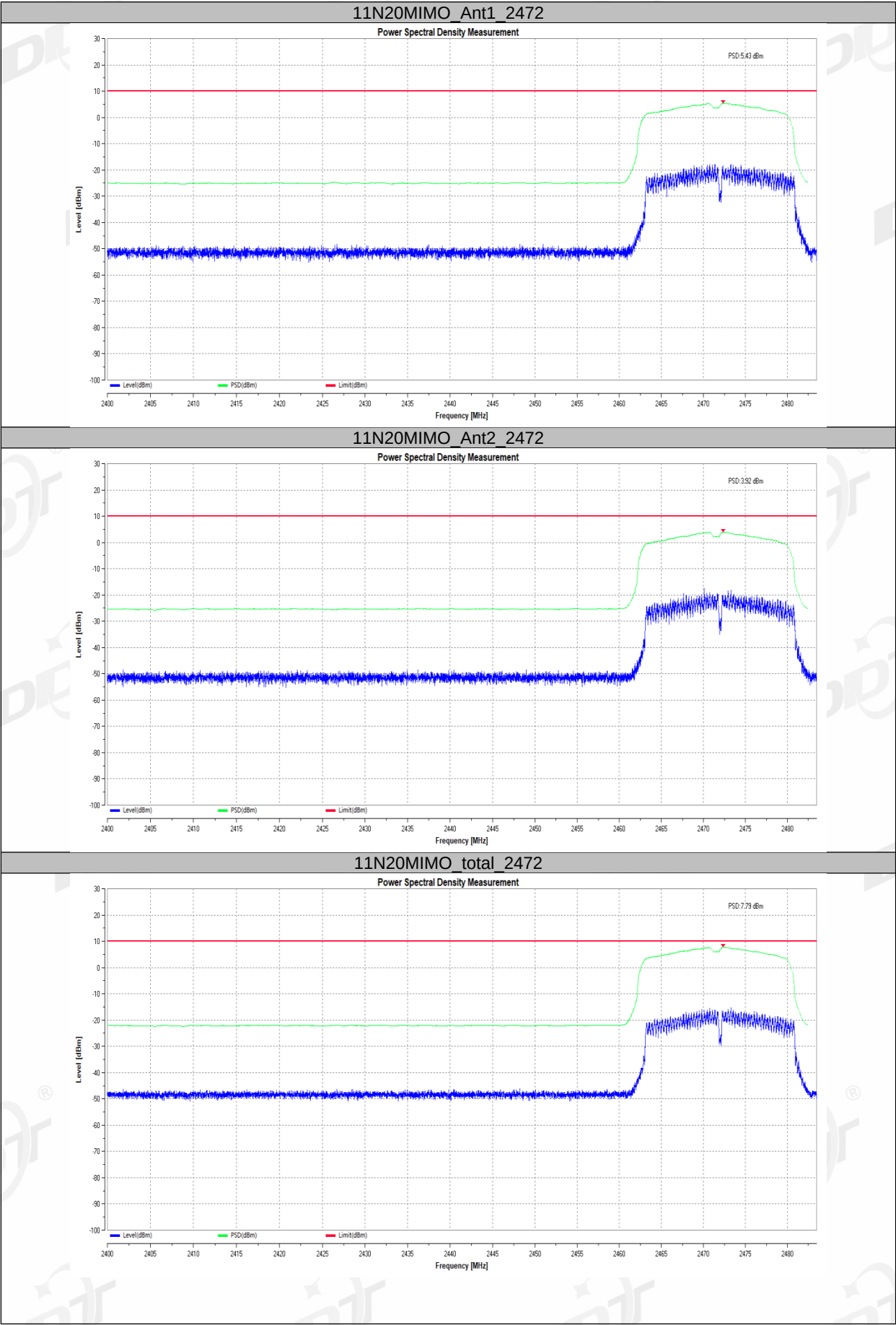


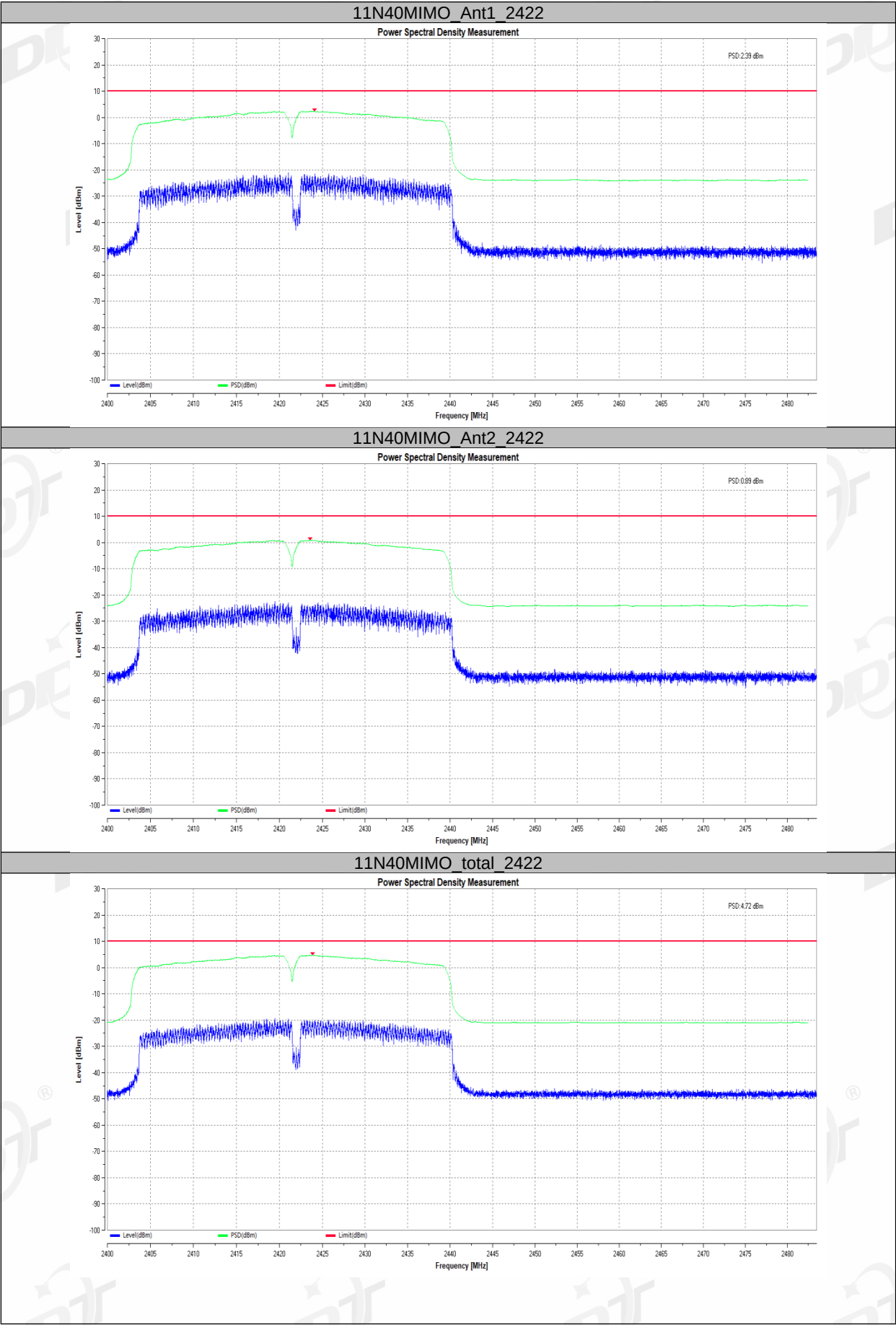


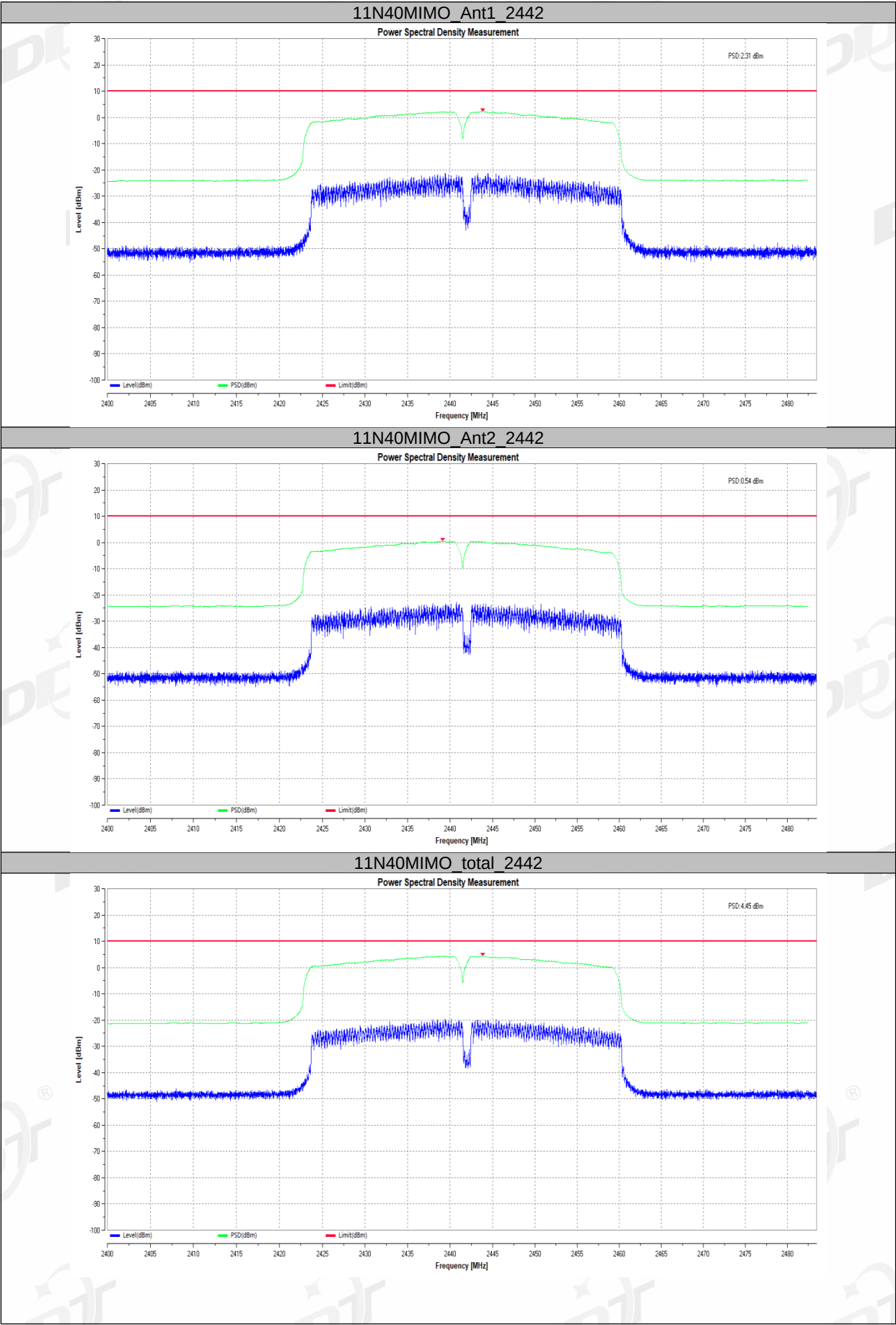


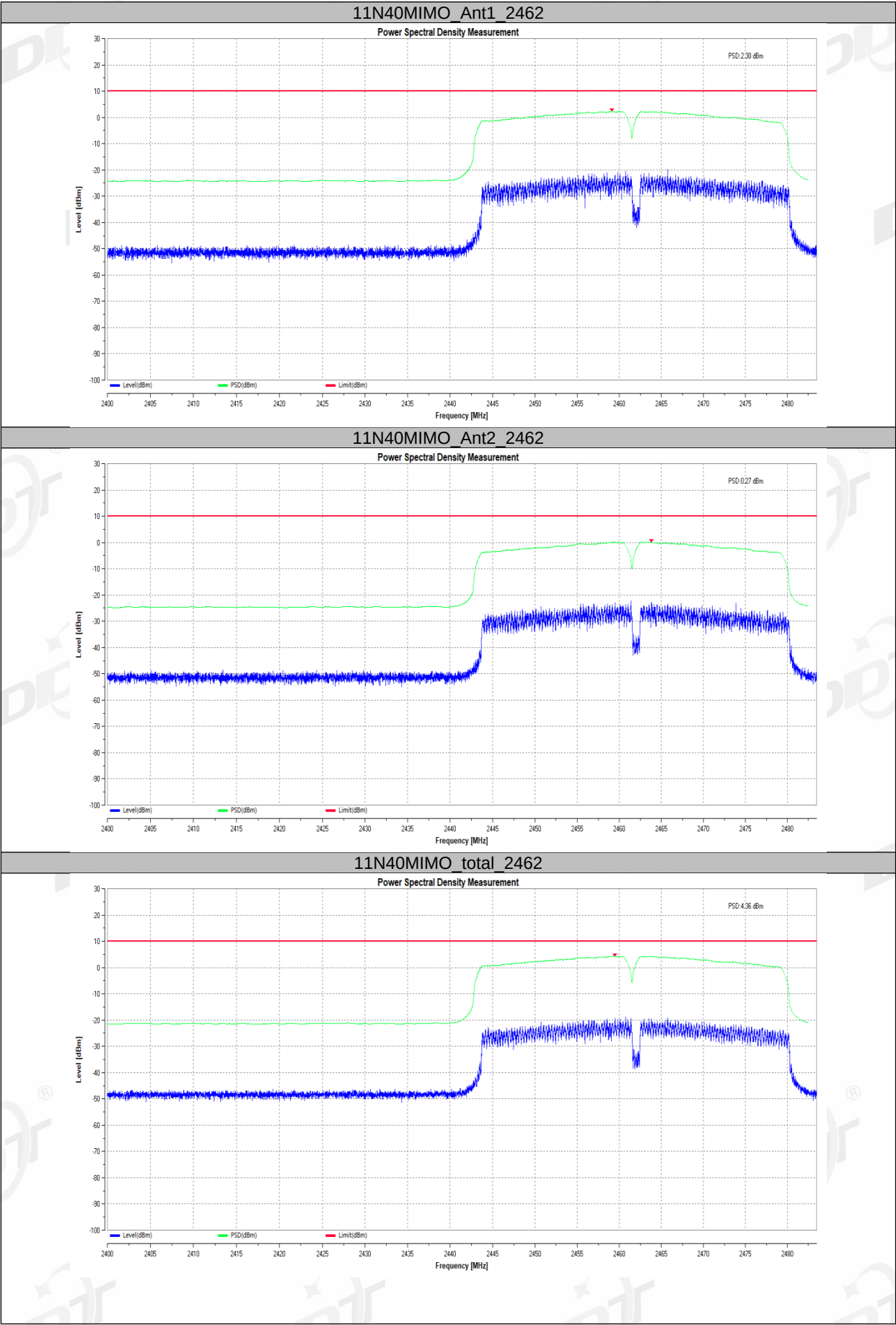


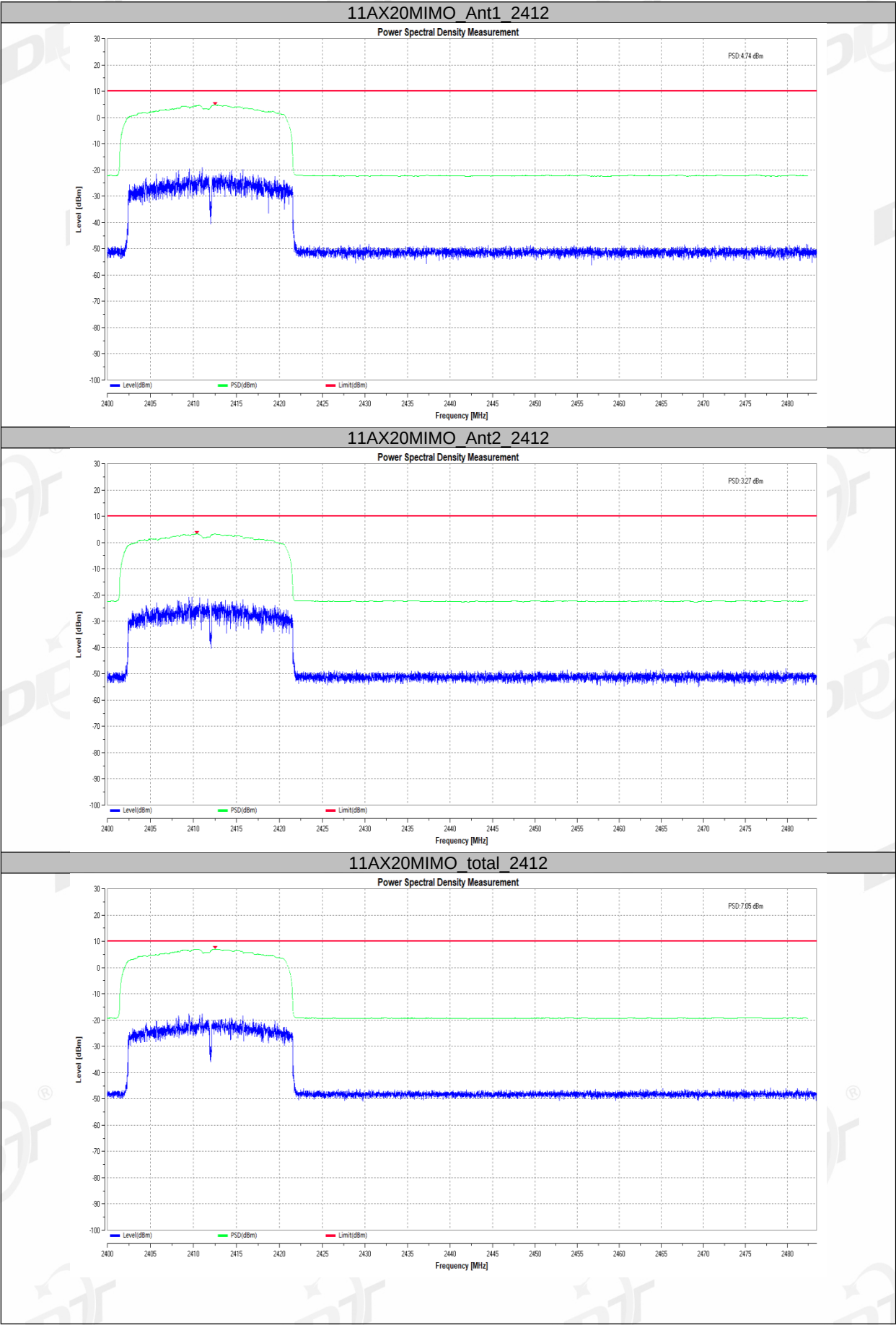


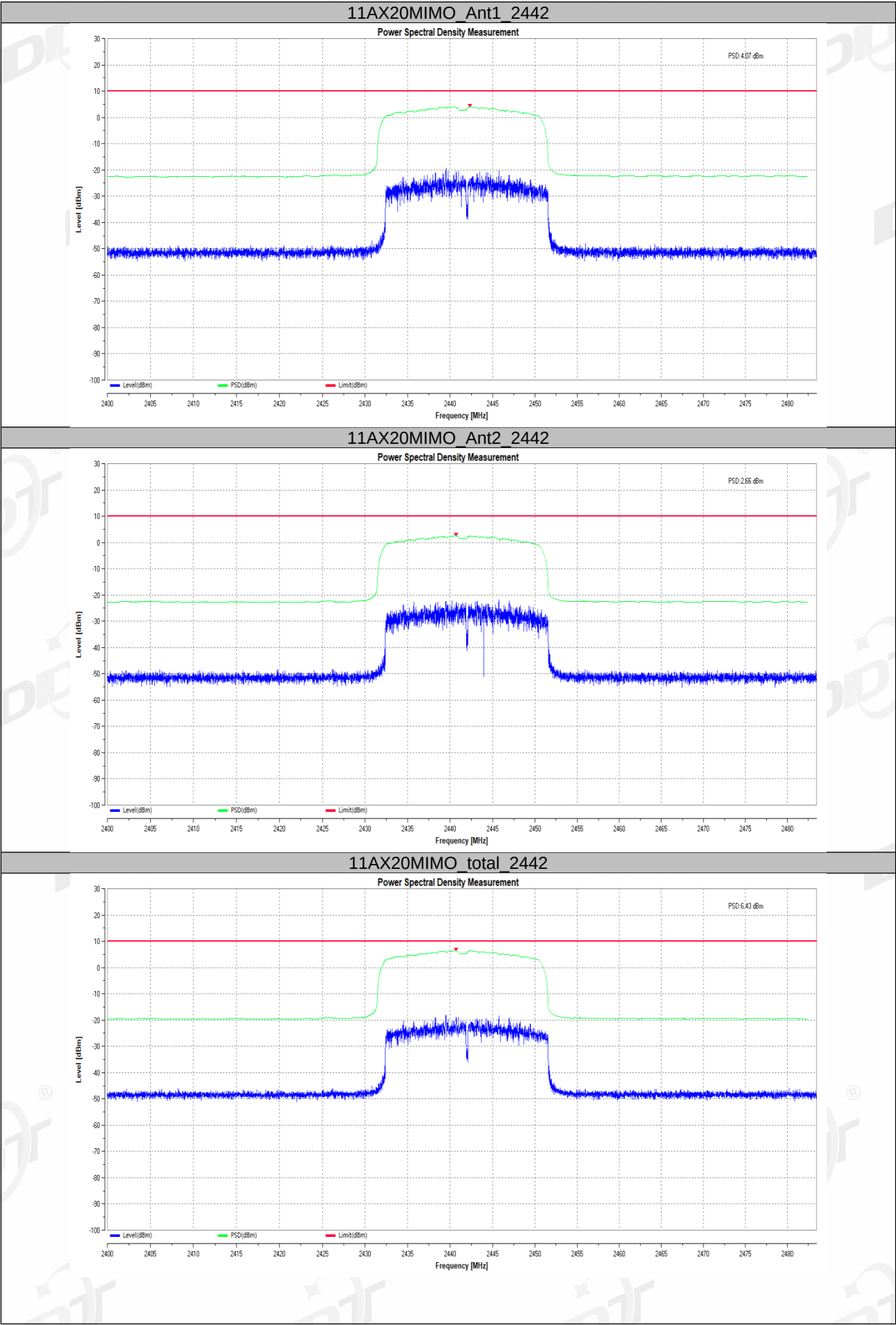


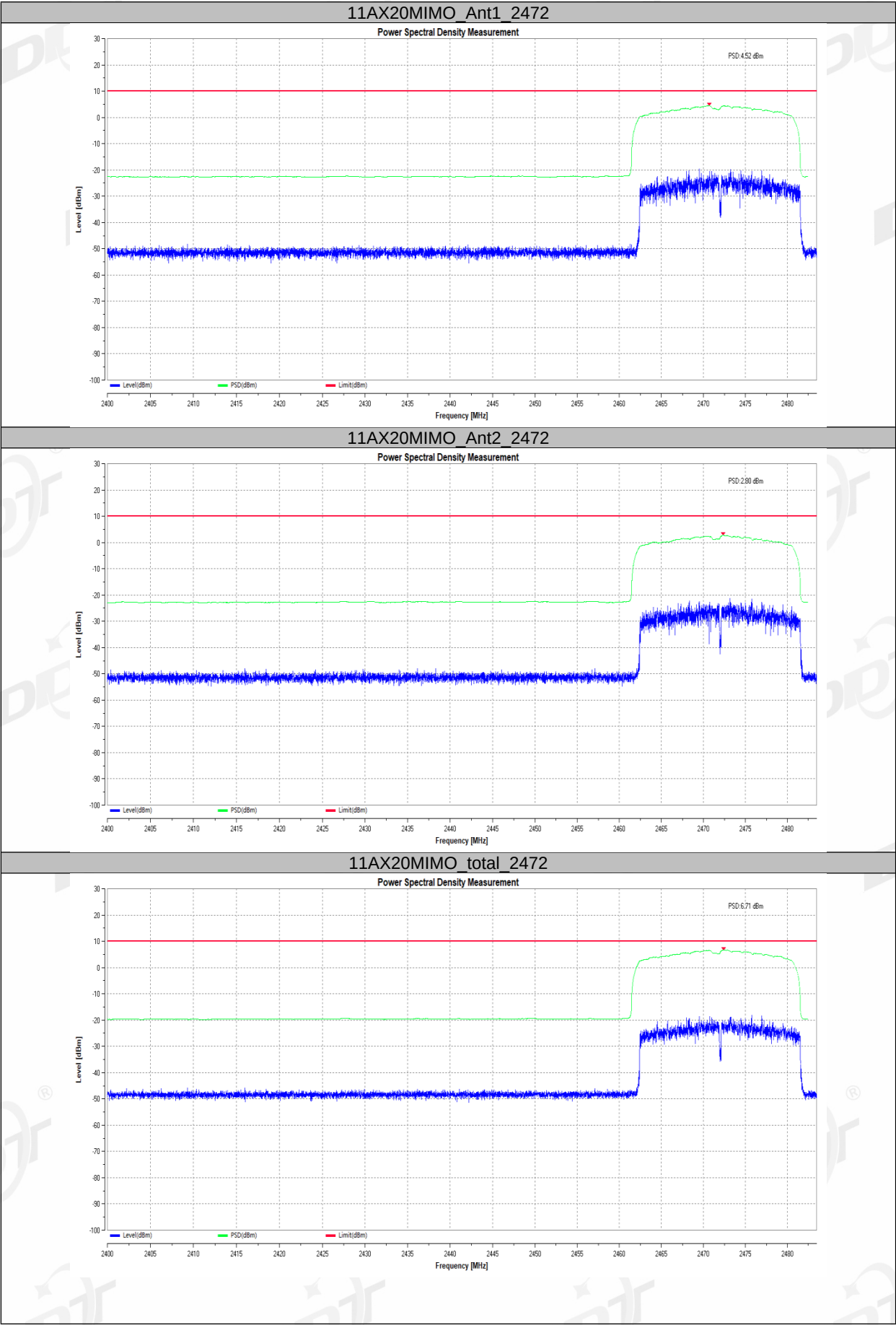


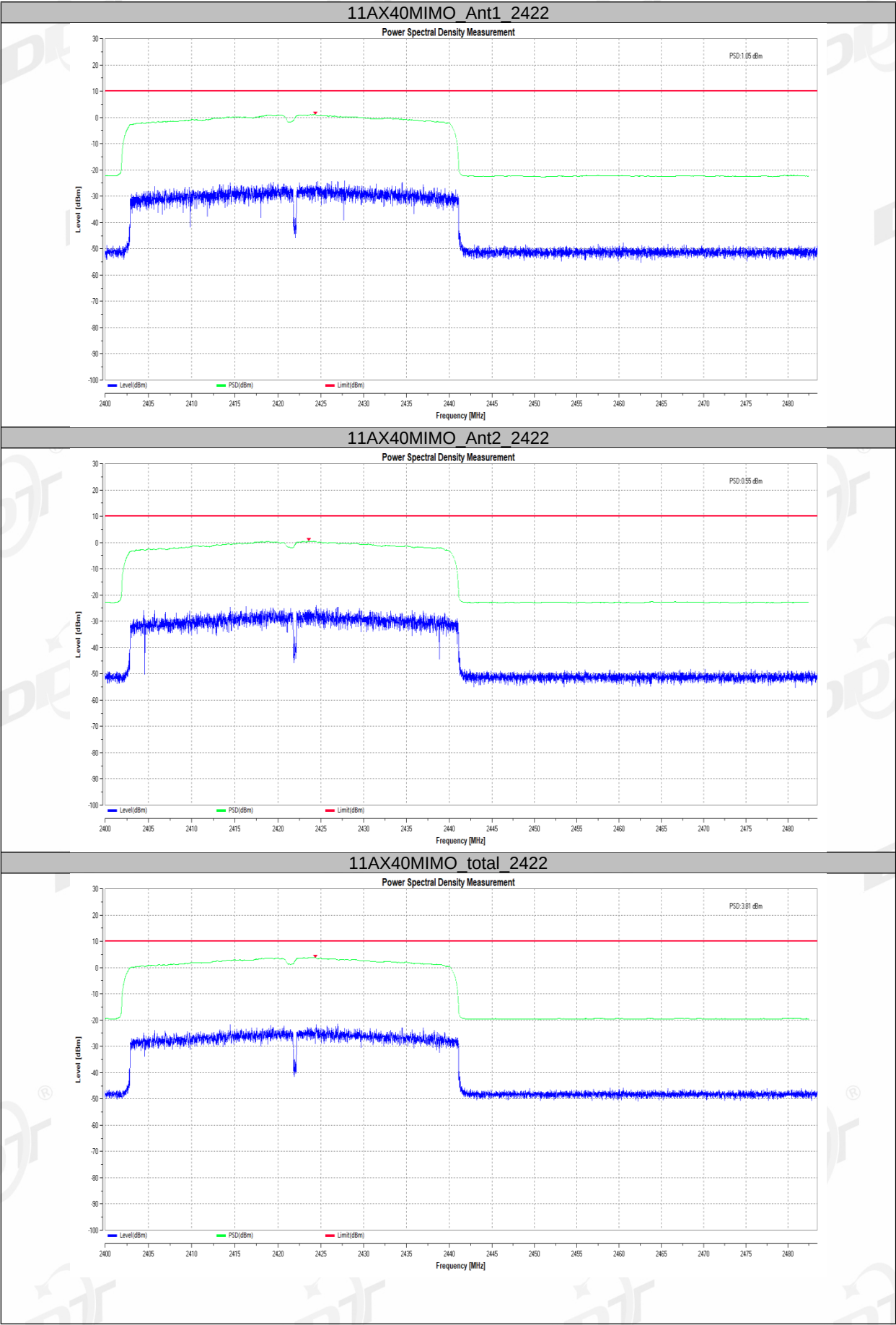


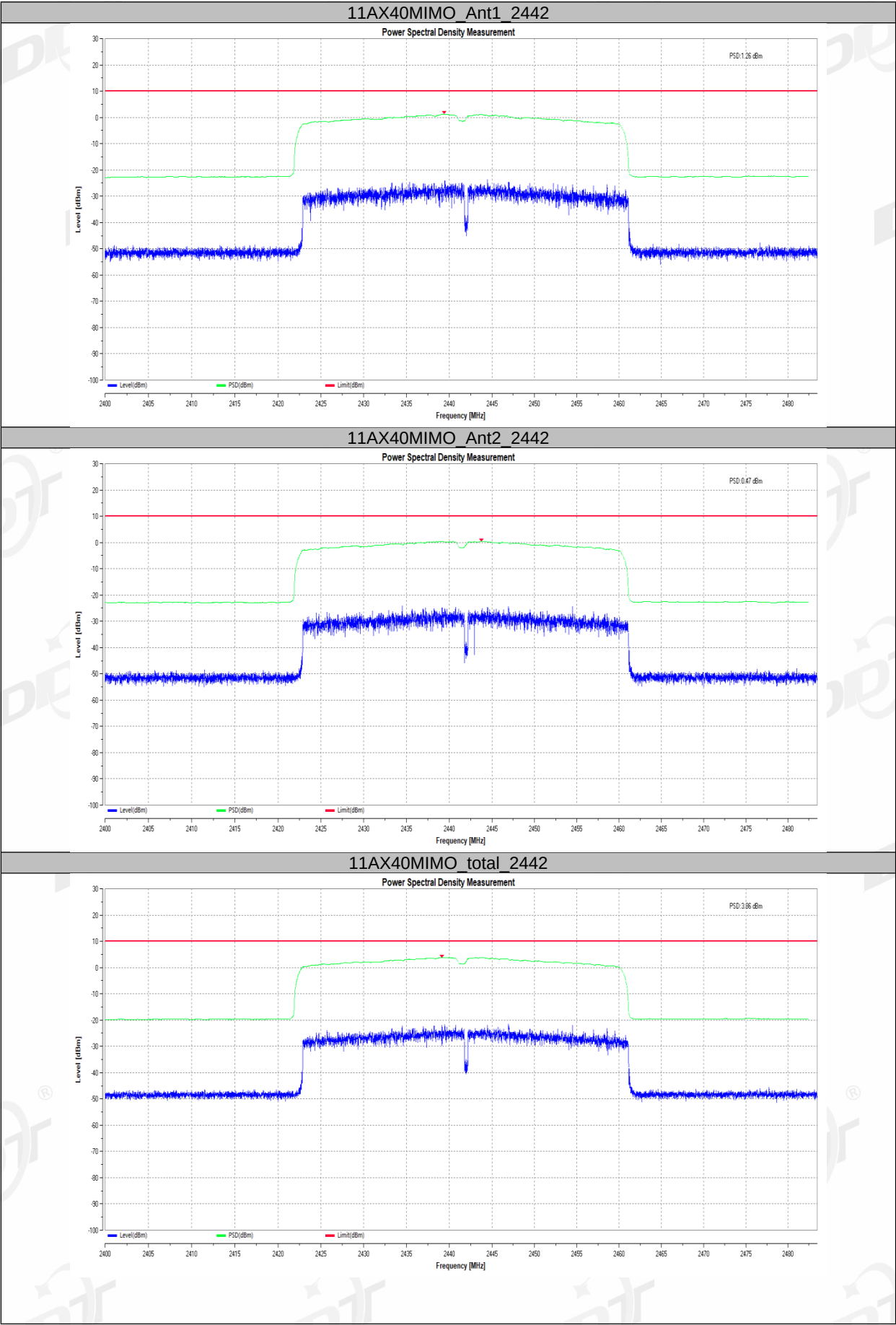


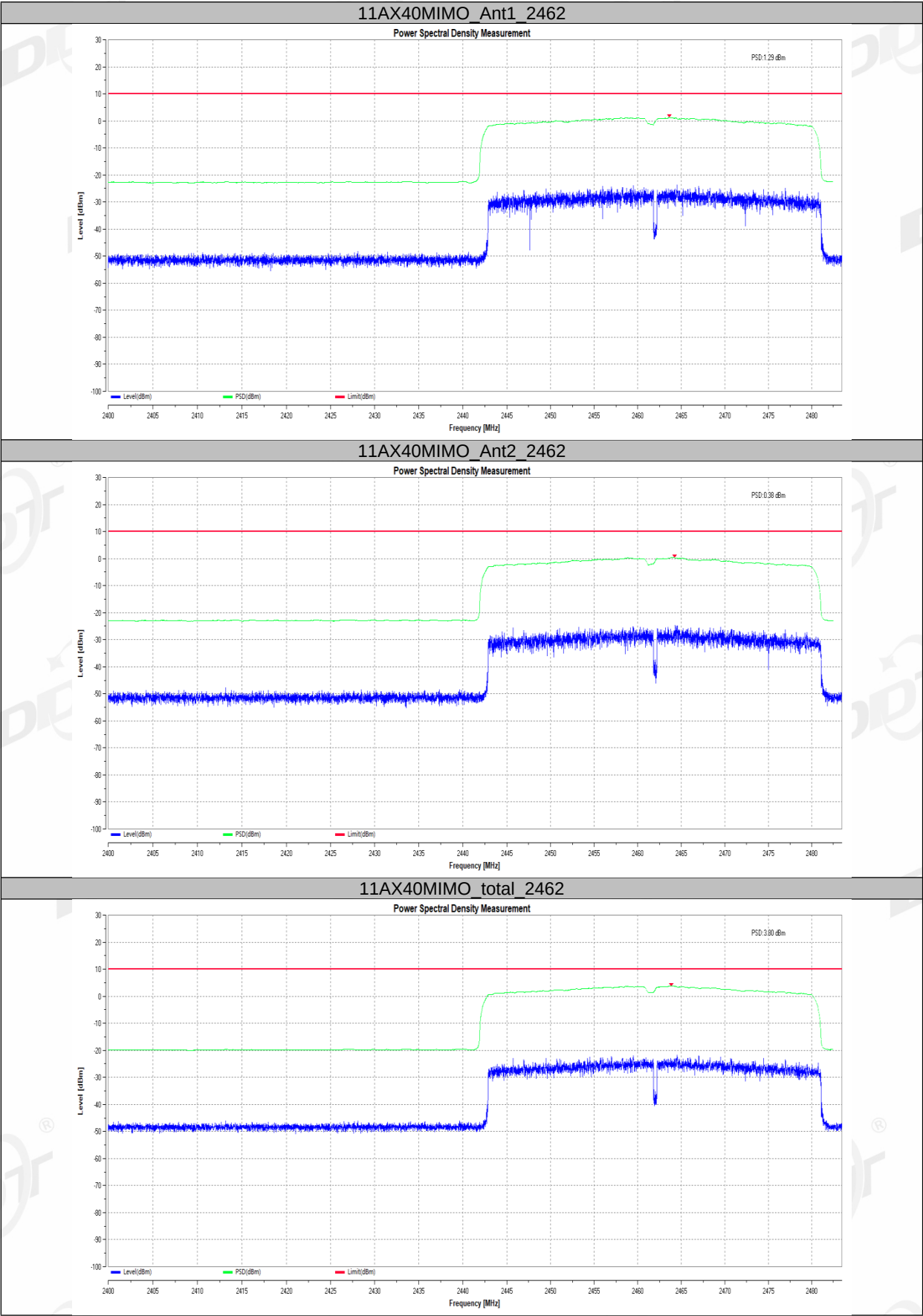






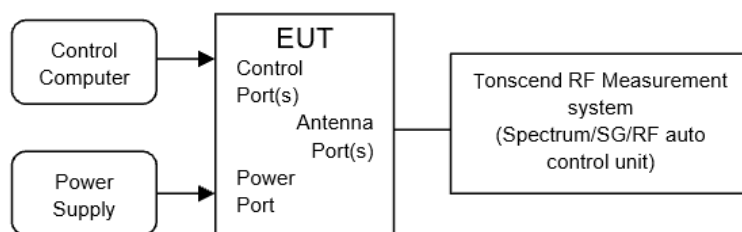






6. Occupied Channel Bandwidth

6.1. Block diagram of test setup



6.2. Limits

The Occupied Channel Bandwidth for each hopping frequency shall fall completely within the band 2400MHz to 2483.5MHz for this device.

6.3. Test procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable and attenuator.
- (2) Configure EUT work in lowest and highest hopping frequency.
- (3) Set the spectrum analyzer as follows:

Centre Frequency:	The centre frequency of the channel under test
Frequency Span:	$2 \times$ Occupied Channel Bandwidth
RBW:	$\sim 1\%$ of the span without going below 1%
VBW:	$3 \times$ RBW
Detector Mode:	RMS
Sweep time:	1s
Trace Mode:	Max Hold

- (4) When the trace has completed, Use the 99% bandwidth function of the spectrum analyzer to measure the Occupied channel bandwidth of the EUT.

6.4. Test result

Test Engineer:	Tyang	Test Site:	RF Measurement System 3#
Ambient Condition:	25.6℃, 38.5%RH	Test Date:	2025.9.03-2025.12.04
Test Power Supply:	AC 230V	Sample Number:	S25090923-004

Test Mode	Antenna	Frequency (MHz)	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant2	2412	12.428	2405.7662	2418.1938	2400 to 2483.5	PASS
	Ant1	2442	12.587	2435.6863	2448.2737	2400 to 2483.5	PASS
	Ant2	2442	12.348	2435.8062	2448.1538	2400 to 2483.5	PASS
	Ant1	2472	12.587	2465.6863	2478.2737	2400 to 2483.5	PASS
	Ant2	2472	12.348	2465.8062	2478.1538	2400 to 2483.5	PASS
11G	Ant1	2412	16.464	2403.7682	2420.2318	2400 to 2483.5	PASS
	Ant2	2412	16.464	2403.7682	2420.2318	2400 to 2483.5	PASS
	Ant1	2442	16.663	2433.6484	2450.3117	2400 to 2483.5	PASS
	Ant2	2442	16.663	2433.6484	2450.3117	2400 to 2483.5	PASS
	Ant1	2472	16.464	2463.7682	2480.2318	2400 to 2483.5	PASS
	Ant2	2472	16.464	2463.7682	2480.2318	2400 to 2483.5	PASS
11N20MIMO	Ant1	2412	17.622	2403.1688	2420.7912	2400 to 2483.5	PASS
	Ant2	2412	17.622	2403.1688	2420.7912	2400 to 2483.5	PASS
	Ant1	2442	17.862	2433.0490	2450.9111	2400 to 2483.5	PASS
	Ant2	2442	17.862	2433.0490	2450.9111	2400 to 2483.5	PASS
	Ant1	2472	17.622	2463.1688	2480.7912	2400 to 2483.5	PASS
	Ant2	2472	17.622	2463.1688	2480.7912	2400 to 2483.5	PASS
11N40MIMO	Ant1	2422	36.044	2404.0180	2440.0619	2400 to 2483.5	PASS
	Ant2	2422	36.124	2403.9381	2440.0619	2400 to 2483.5	PASS
	Ant1	2442	36.124	2423.9381	2460.0619	2400 to 2483.5	PASS
	Ant2	2442	36.124	2423.9381	2460.0619	2400 to 2483.5	PASS

	Ant1	2462	36.204	2443.8581	2480.0619	2400 to 2483.5	PASS
	Ant2	2462	36.124	2443.9381	2480.0619	2400 to 2483.5	PASS
11AX20MIMO	Ant1	2412	18.861	2402.5694	2421.4306	2400 to 2483.5	PASS
	Ant2	2412	18.861	2402.5694	2421.4306	2400 to 2483.5	PASS
	Ant1	2442	18.901	2432.5295	2451.4306	2400 to 2483.5	PASS
	Ant2	2442	18.941	2432.5295	2451.4705	2400 to 2483.5	PASS
	Ant1	2472	18.861	2462.5694	2481.4306	2400 to 2483.5	PASS
	Ant2	2472	18.861	2462.5694	2481.4306	2400 to 2483.5	PASS
11AX40MIMO	Ant1	2422	37.802	2403.1389	2440.9411	2400 to 2483.5	PASS
	Ant2	2422	37.802	2403.1389	2440.9411	2400 to 2483.5	PASS
	Ant1	2442	37.802	2423.0589	2460.8611	2400 to 2483.5	PASS
	Ant2	2442	37.802	2423.0589	2460.8611	2400 to 2483.5	PASS
	Ant1	2462	37.802	2443.0589	2480.8611	2400 to 2483.5	PASS
	Ant2	2462	37.802	2443.0589	2480.8611	2400 to 2483.5	PASS

6.5. Test graphs



















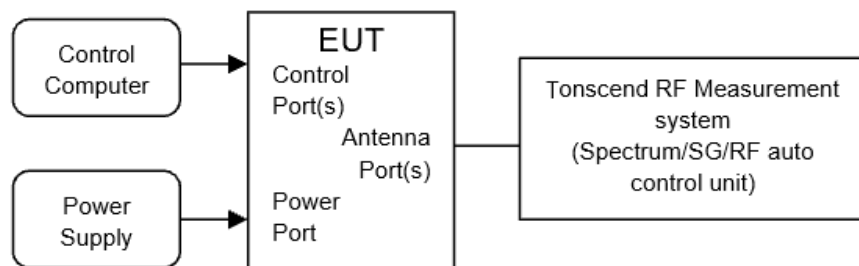






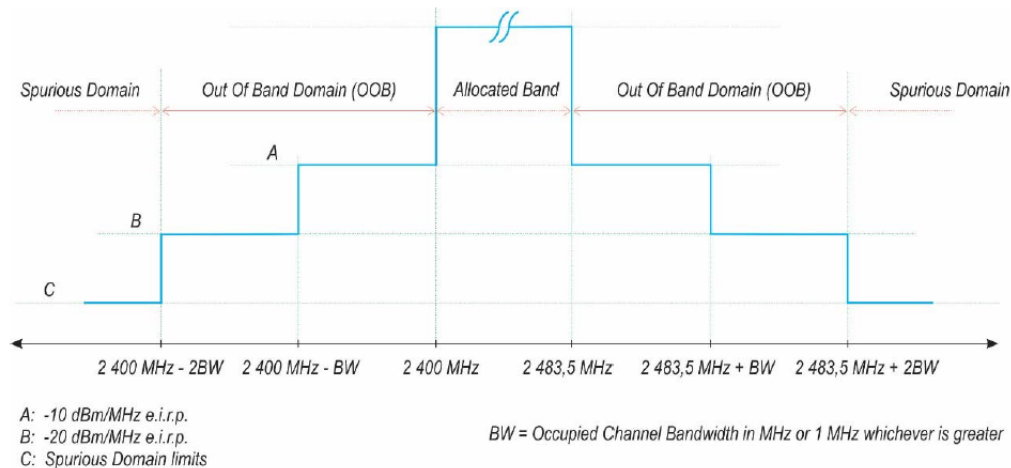
7. Transmitter Unwanted Emissions in The Out-of-Band Domain

7.1. Block diagram of test setup



7.2. Limits

The transmitter unwanted emissions in the out-of-band domain but outside the allocated band, shall not exceed the values provided by the mask below:



7.3. Test procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable and attenuator.
- (2) Configure EUT work in normal hopping mode.
- (3) Refer to EN 300 328 V2.2.2 clause 5.4.8.2

7.4. Test result

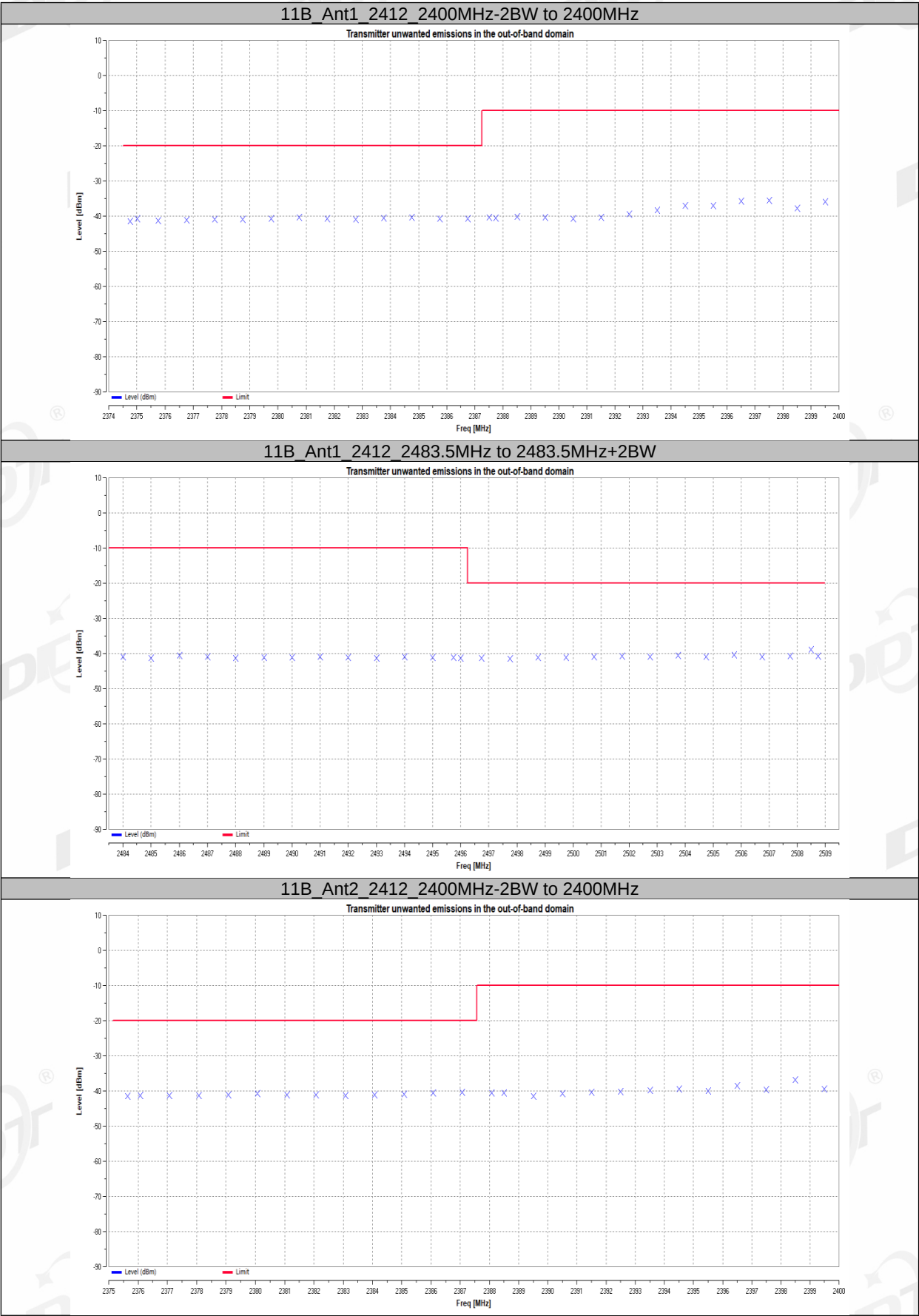
Test Engineer:	Tyang	Test Site:	RF Measurement System 3#
Ambient Condition:	25.6℃, 38.5%RH	Test Date:	2025.12.03-2025.12.04
Test Power Supply:	AC 230V	Sample Number:	S25090923-004

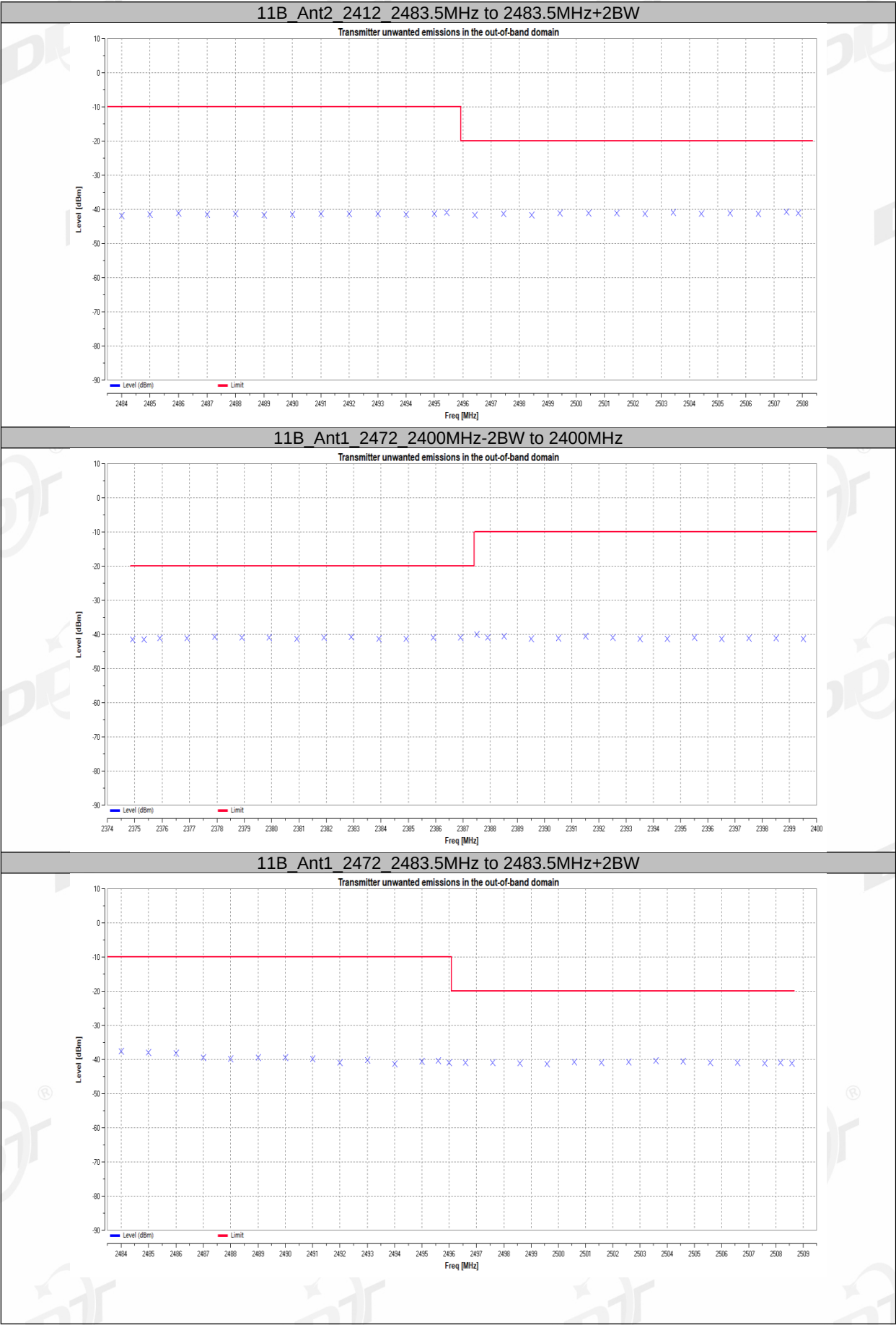
Test Mode	Antenna	Frequency (MHz)	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	2397.5	-35.5	-10.00	PASS
			2486	-40.53	-10.00	PASS
			2508.49	-38.95	-20.00	PASS
	Ant2	2412	2387.07	-40.34	-20.00	PASS
			2398.5	-36.82	-10.00	PASS
			2495.43	-41.01	-10.00	PASS
			2507.43	-40.74	-20.00	PASS
	Ant1	2472	2377.91	-40.7	-20.00	PASS
			2387.5	-40.06	-10.00	PASS
			2484	-37.68	-10.00	PASS
			2503.59	-40.33	-20.00	PASS
	Ant2	2472	2382.15	-40.93	-20.00	PASS
			2389.5	-40.73	-10.00	PASS
			2486	-34.68	-10.00	PASS
			2500.35	-40.51	-20.00	PASS
11G	Ant1	2412	2378.04	-38.49	-20.00	PASS
			2399.5	-33.34	-10.00	PASS
			2495	-39.04	-10.00	PASS
			2510.46	-37.91	-20.00	PASS
	Ant2	2412	2380.04	-39.72	-20.00	PASS
			2399.5	-33.08	-10.00	PASS
			2496	-40.28	-10.00	PASS
			2510.46	-39.21	-20.00	PASS
	Ant1	2472	2378.04	-38.9	-20.00	PASS
			2389.5	-38.58	-10.00	PASS
			2484	-31.37	-10.00	PASS
			2510.46	-38.13	-20.00	PASS
	Ant2	2472	2381.04	-39.57	-20.00	PASS

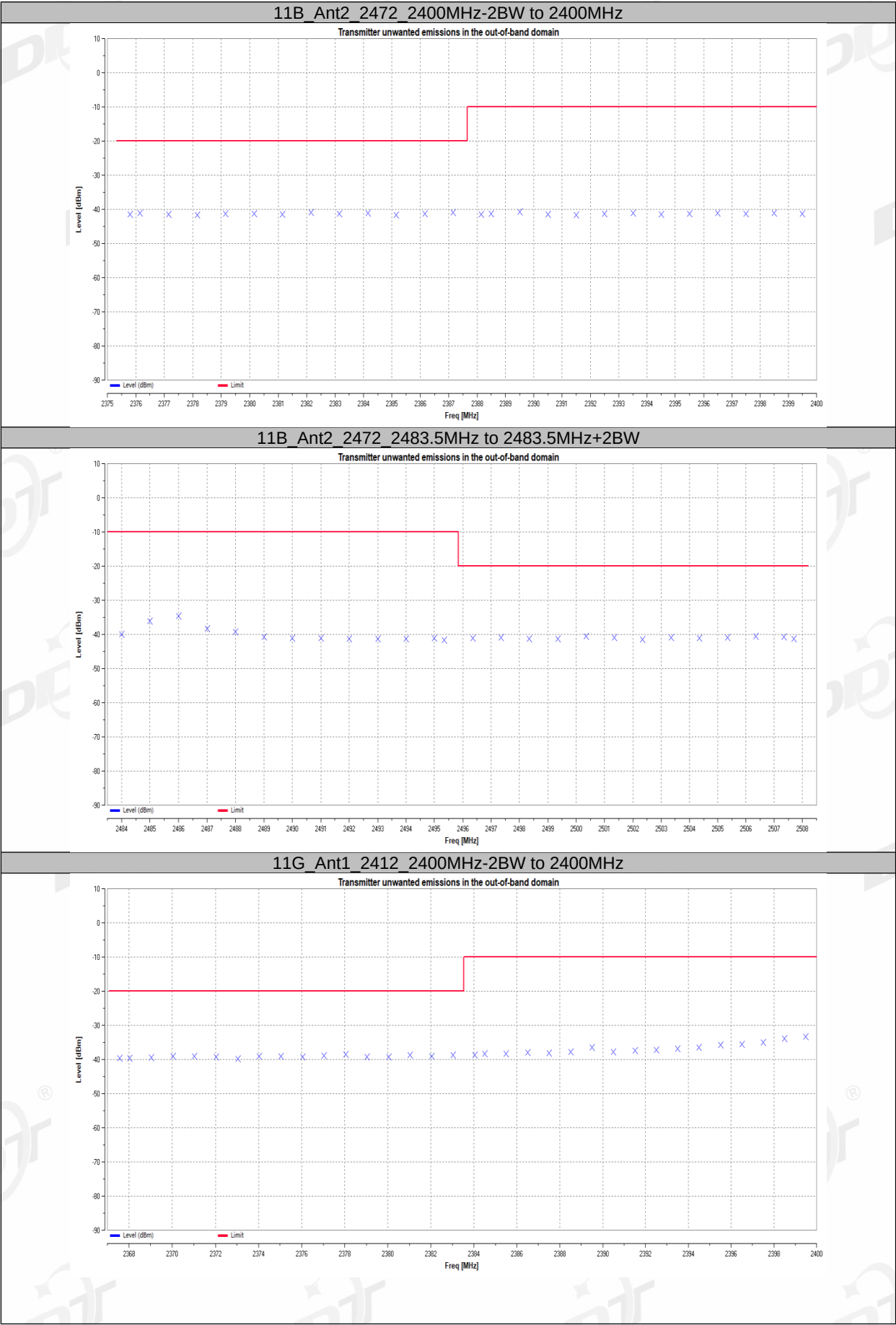
			2394.5	-40.01	-10.00	PASS
			2484	-32.35	-10.00	PASS
			2512.46	-38.9	-20.00	PASS
11N20MIMO	Ant1	2412	2381.88	-38.75	-23.01	PASS
			2399.5	-34.25	-13.01	PASS
			2489	-38.68	-13.01	PASS
			2510.62	-38.66	-23.01	PASS
	Ant2	2412	2375.88	-39.91	-23.01	PASS
			2398.5	-35.77	-13.01	PASS
			2493	-39.45	-13.01	PASS
			2510.62	-39.29	-23.01	PASS
	Ant1	2472	2378.88	-39.28	-23.01	PASS
			2399.5	-38.41	-13.01	PASS
			2484	-34.21	-13.01	PASS
			2510.62	-38.74	-23.01	PASS
	Ant2	2472	2369.88	-39.99	-23.01	PASS
			2391.5	-39.12	-13.01	PASS
			2484	-34.47	-13.01	PASS
			2510.62	-39.32	-23.01	PASS
11N40MIMO	Ant1	2422	2363.46	-39.48	-23.01	PASS
			2399.5	-33.72	-13.01	PASS
			2508	-38.06	-13.01	PASS
			2523.04	-39.41	-23.01	PASS
	Ant2	2422	2345.38	-40.3	-23.01	PASS
			2399.5	-35.02	-13.01	PASS
			2508	-38.78	-13.01	PASS
			2547.12	-40.18	-23.01	PASS
	Ant1	2462	2360.3	-38.77	-23.01	PASS
			2394.5	-38.69	-13.01	PASS
			2484	-33.68	-13.01	PASS
			2525.2	-39.94	-23.01	PASS
	Ant2	2462	2338.38	-39.95	-23.01	PASS
			2364.38	-39.67	-13.01	PASS
			2484	-35.71	-13.01	PASS

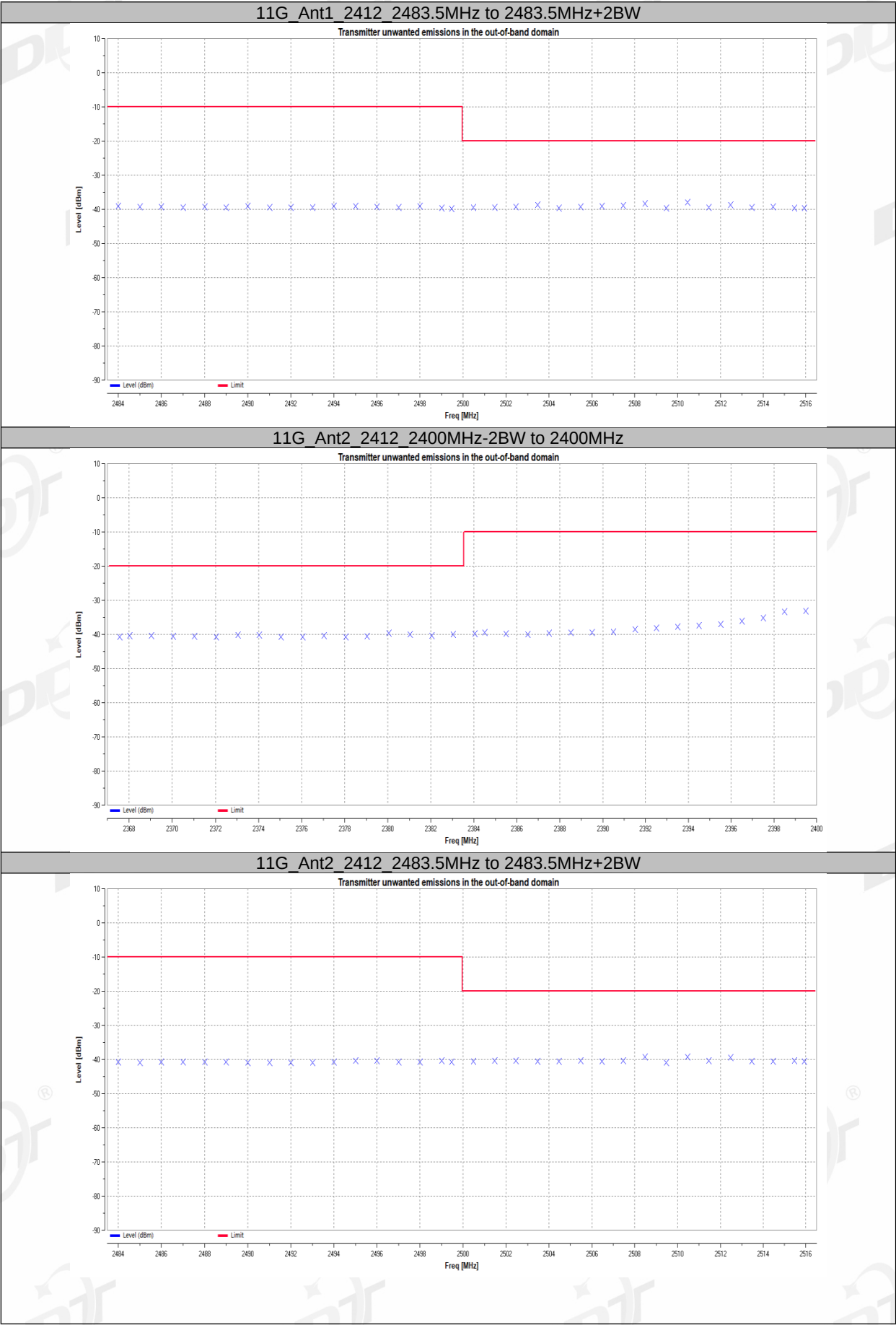
			2526.12	-39.88	-23.01	PASS
11AX20MIMO	Ant1	2412	2364.64	-38.8	-23.01	PASS
			2399.5	-34.99	-13.01	PASS
			2501.86	-38.49	-13.01	PASS
			2509.86	-38.66	-23.01	PASS
	Ant2	2412	2376.64	-39.79	-23.01	PASS
			2399.5	-36.84	-13.01	PASS
			2501.86	-40.03	-13.01	PASS
			2509.86	-39.18	-23.01	PASS
	Ant1	2472	2377.64	-39.39	-23.01	PASS
			2390.5	-39.12	-13.01	PASS
			2484	-35.94	-13.01	PASS
			2509.86	-38.93	-23.01	PASS
	Ant2	2472	2374.64	-40.11	-23.01	PASS
			2386.5	-39.84	-13.01	PASS
			2484	-36.09	-13.01	PASS
			2509.86	-38.79	-23.01	PASS
11AX40MIMO	Ant1	2422	2360.7	-39.92	-23.01	PASS
			2399.5	-36.89	-13.01	PASS
			2510	-38.59	-13.01	PASS
			2544.8	-39.58	-23.01	PASS
	Ant2	2422	2357.7	-40.09	-23.01	PASS
			2399.5	-35.9	-13.01	PASS
			2510	-39.26	-13.01	PASS
			2543.8	-40.2	-23.01	PASS
	Ant1	2462	2360.7	-39.5	-23.01	PASS
			2371.5	-39.24	-13.01	PASS
			2485	-36.11	-13.01	PASS
			2546.8	-40.02	-23.01	PASS
	Ant2	2462	2343.7	-40	-23.01	PASS
			2397.5	-40.23	-13.01	PASS
			2484	-36.56	-13.01	PASS
			2551.8	-40.16	-23.01	PASS

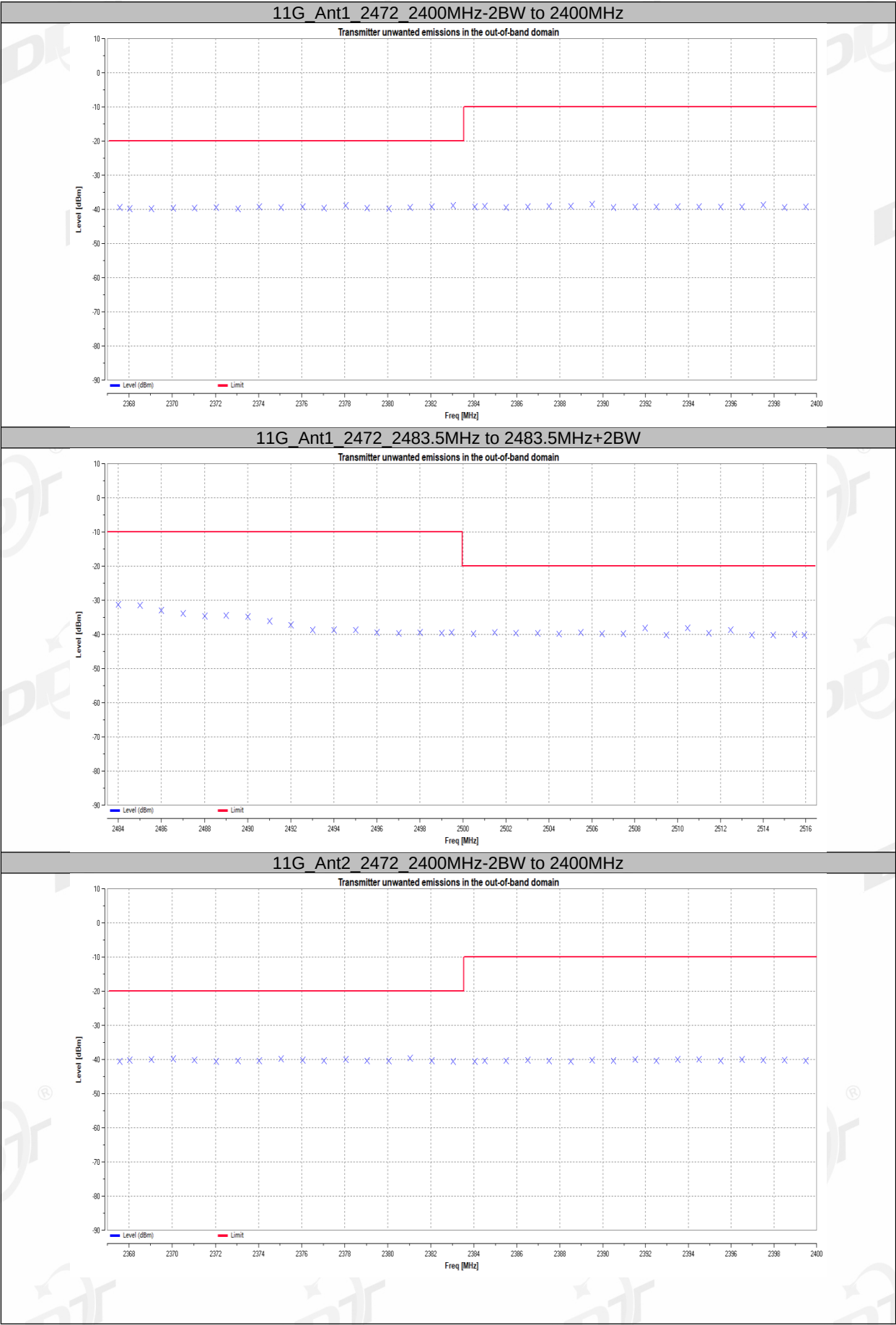
7.5. Test graphs

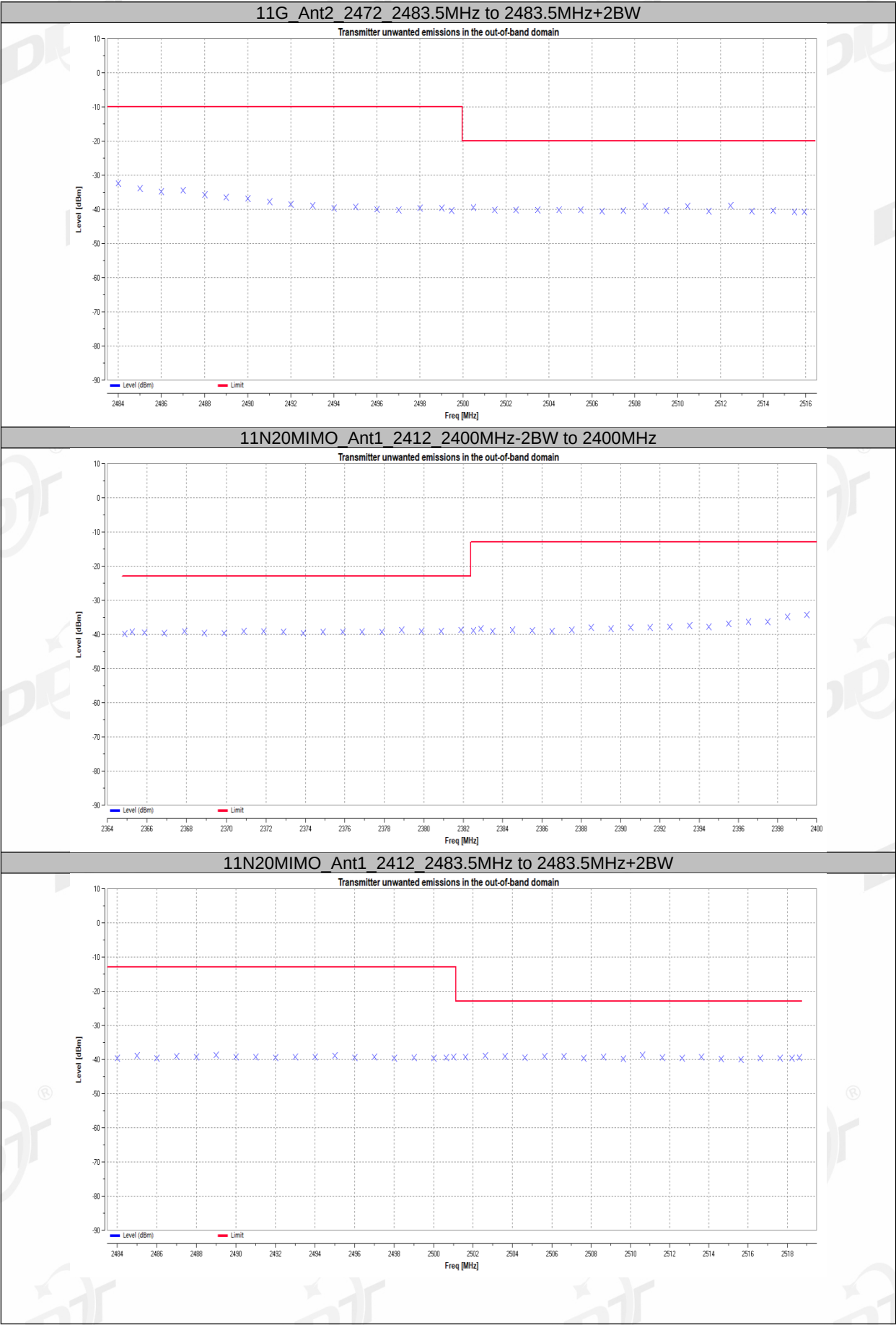


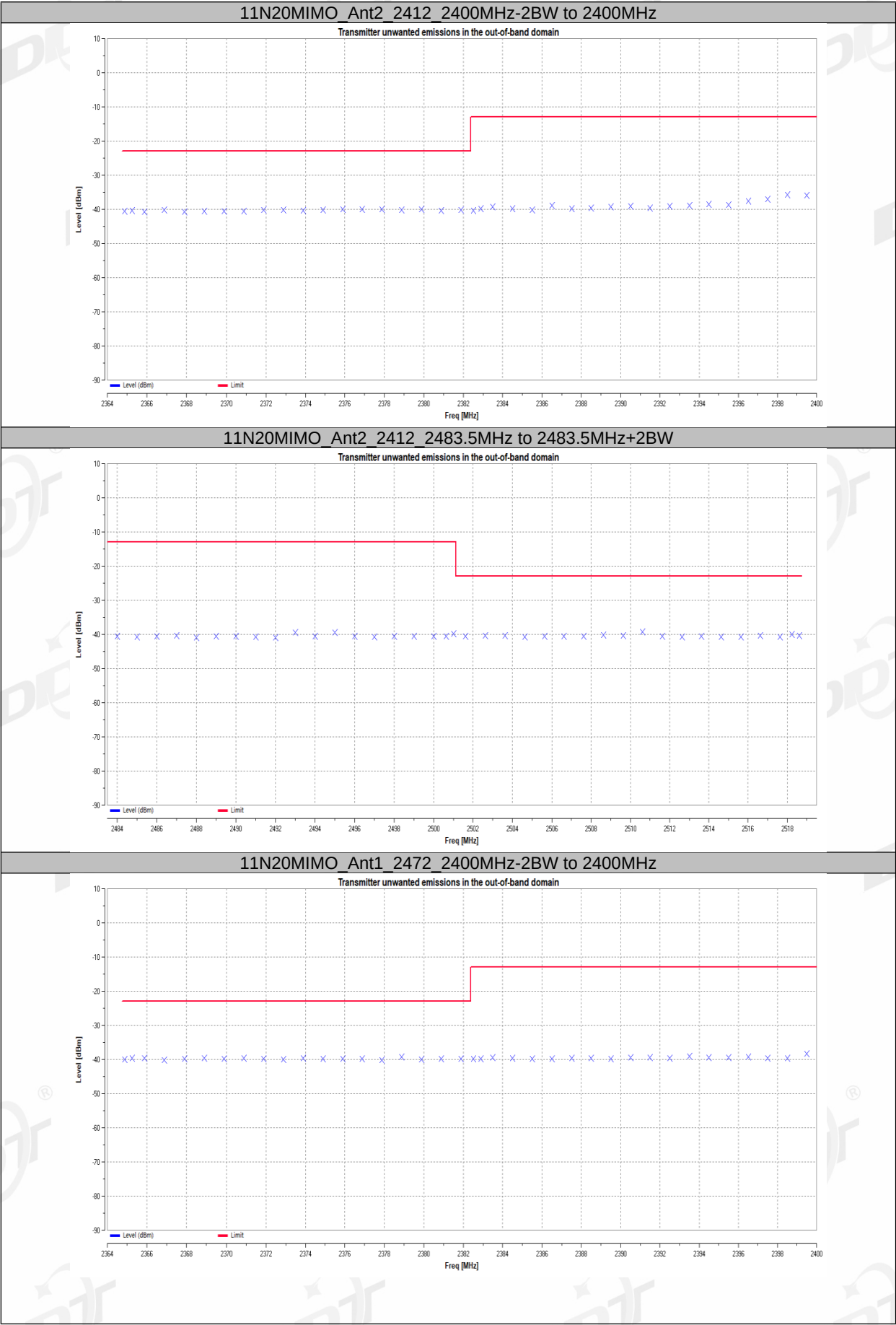


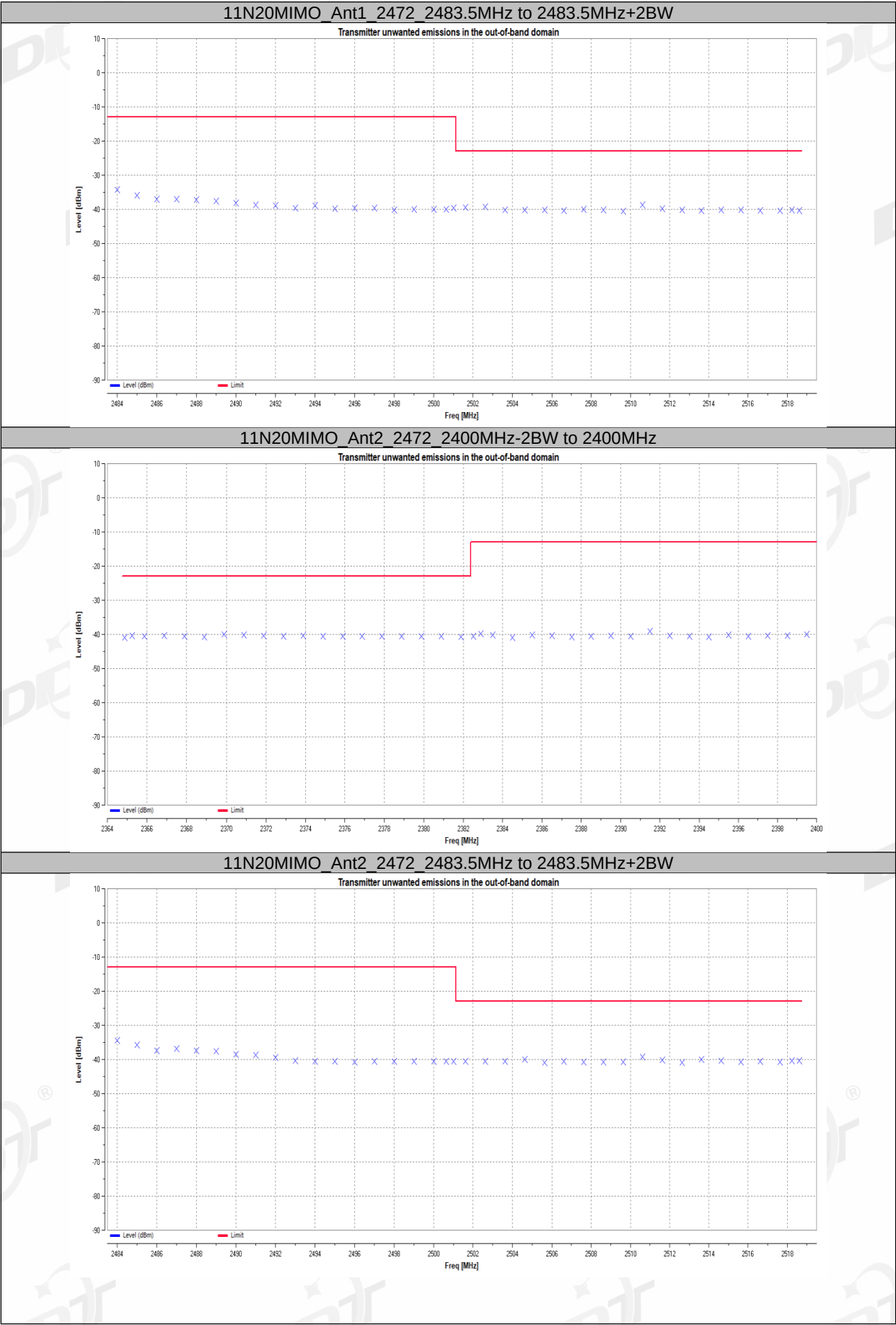


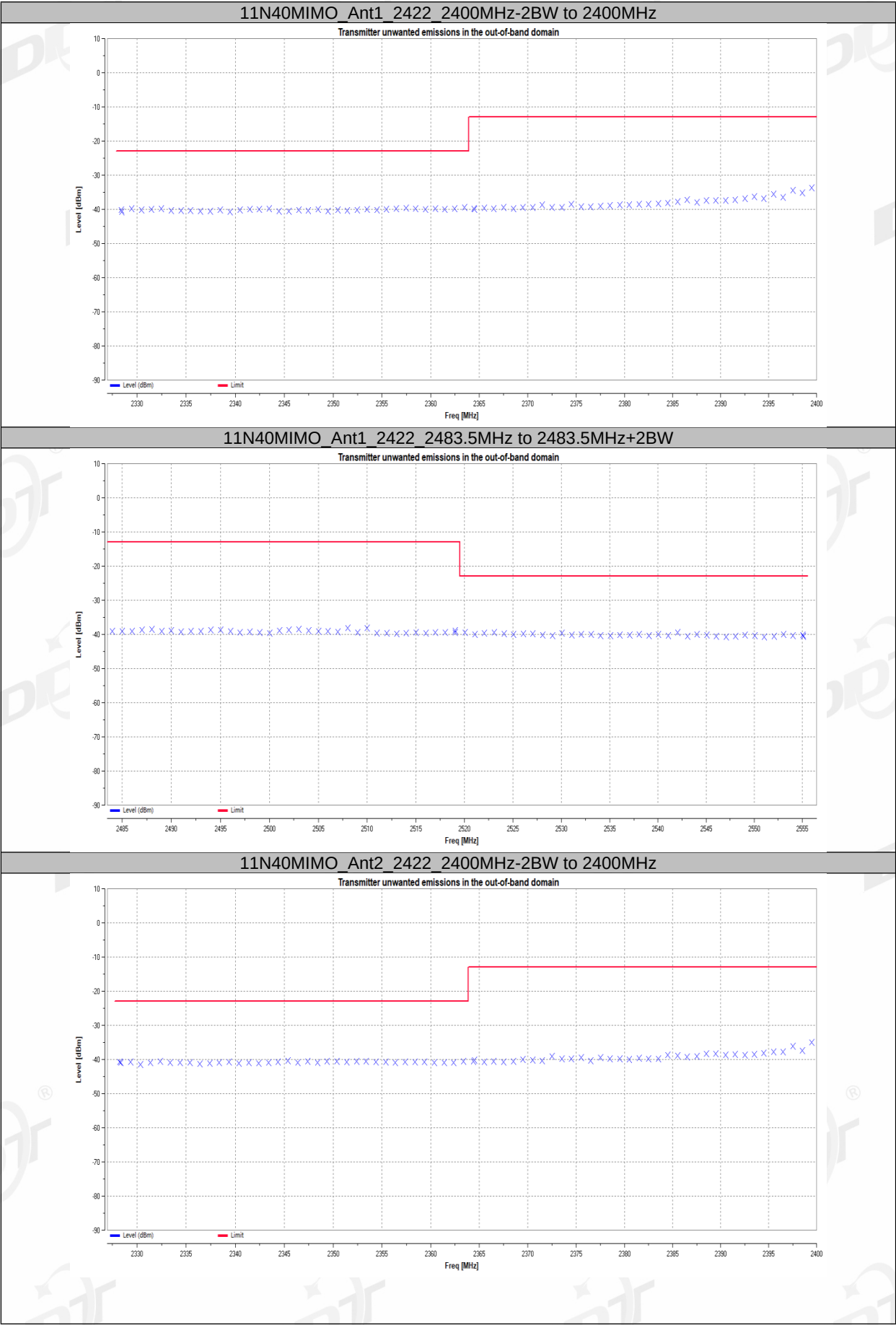


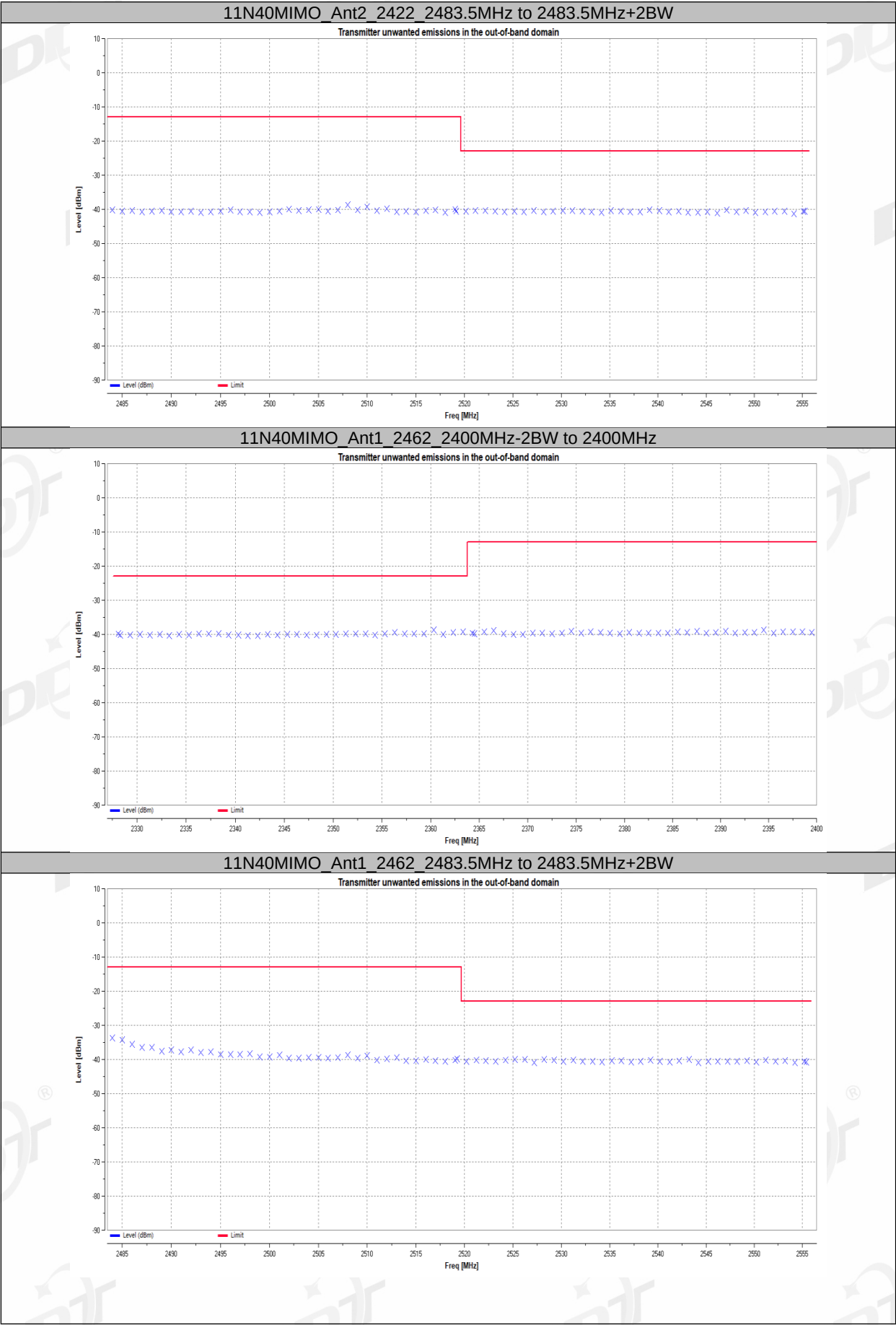


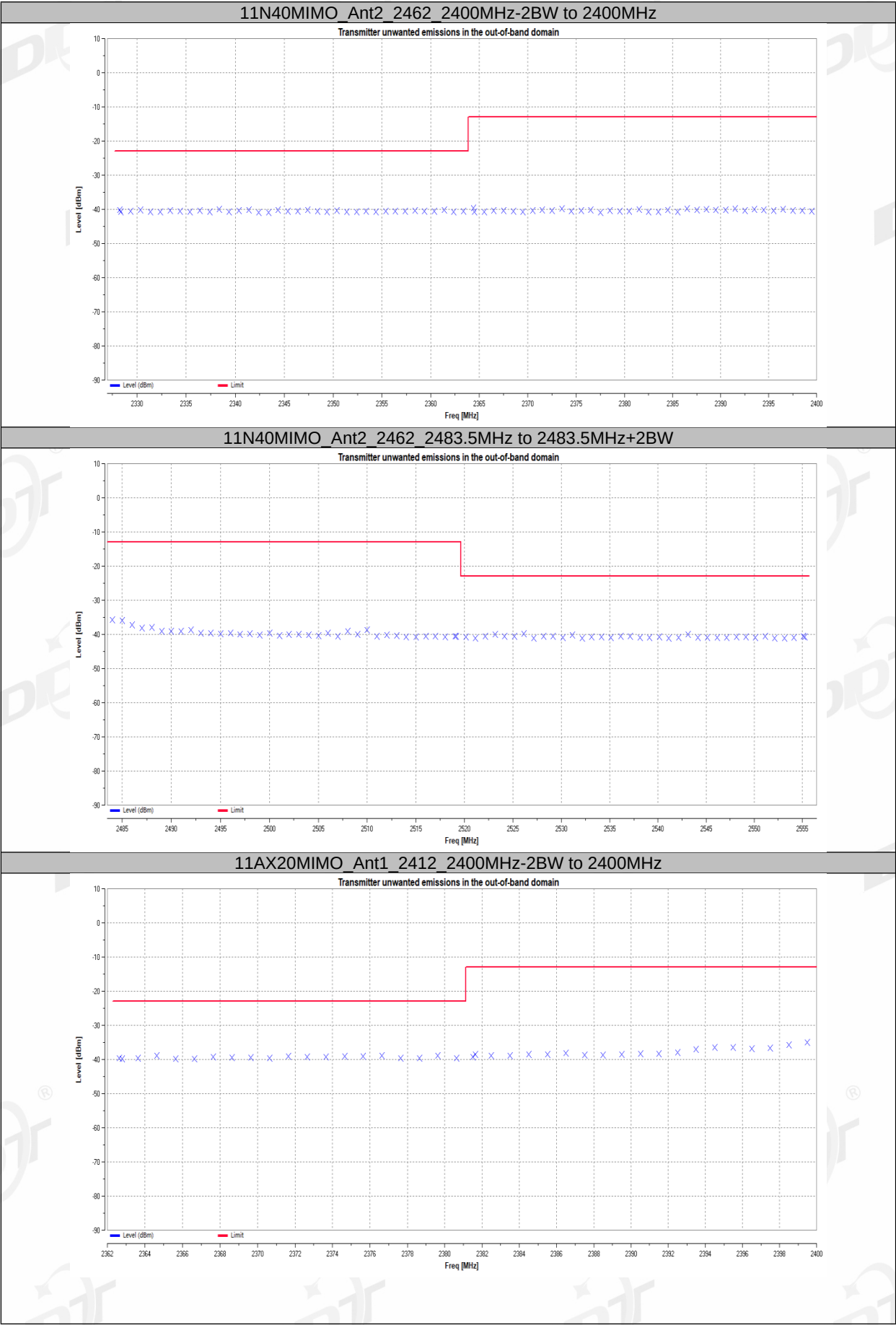


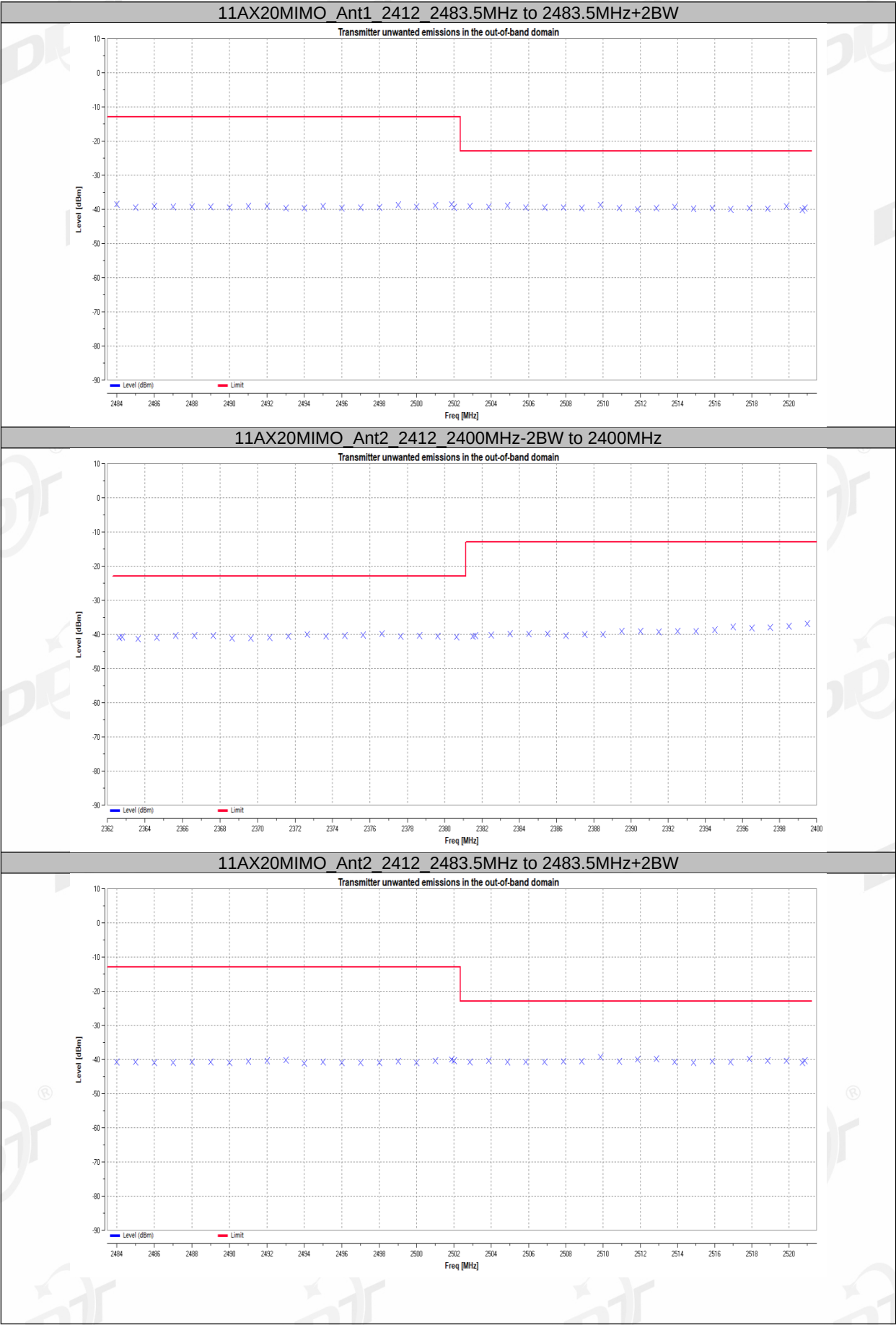


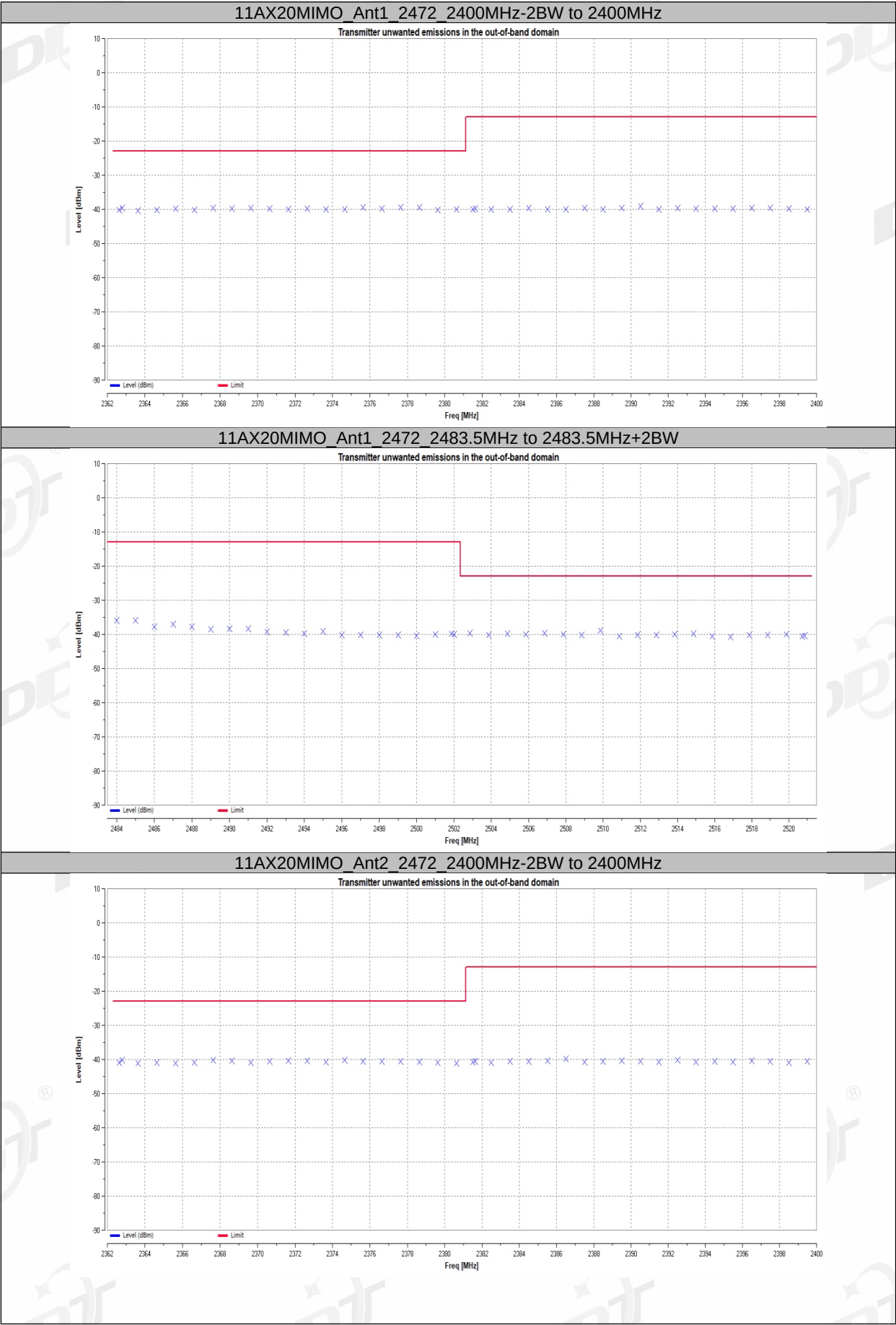


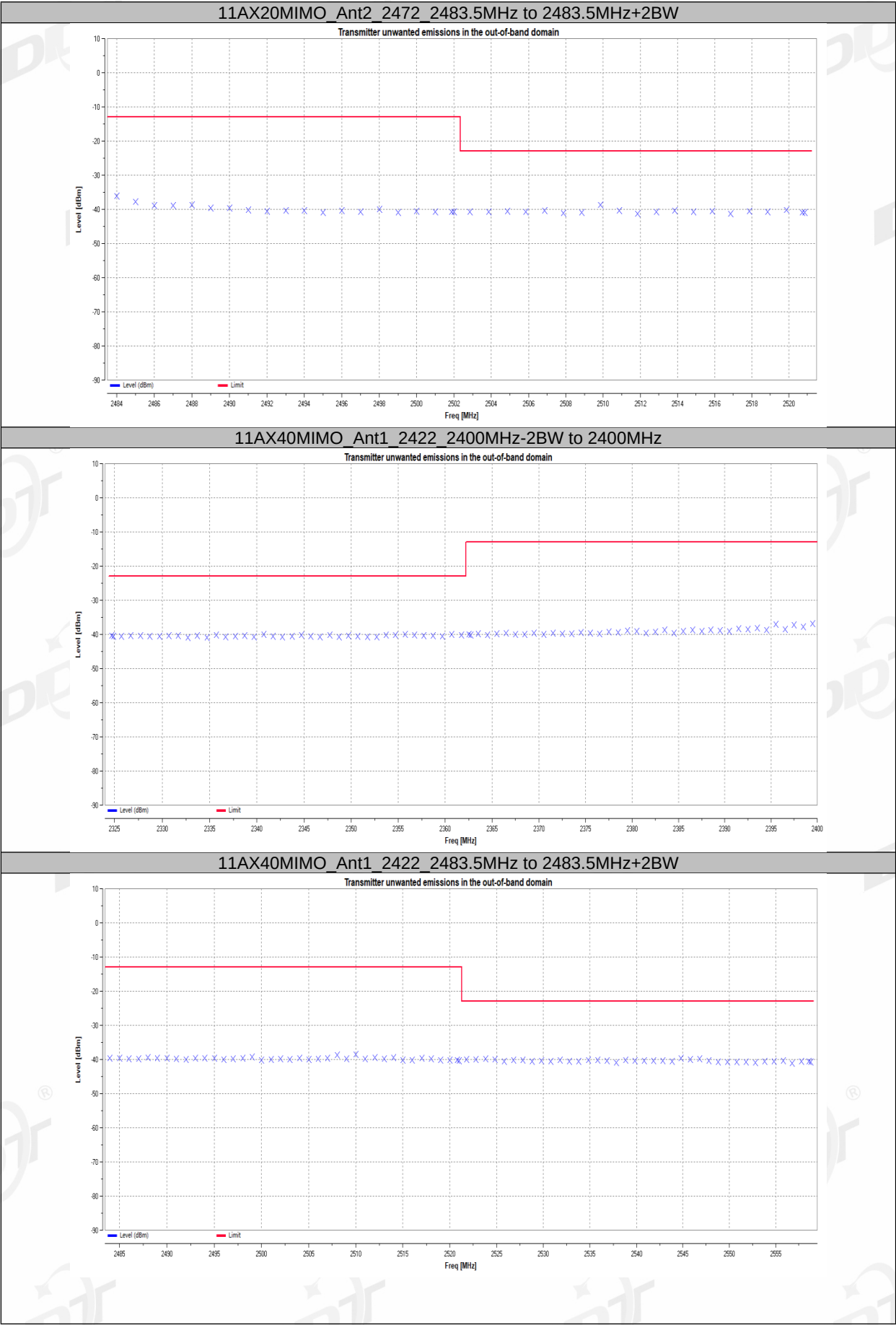


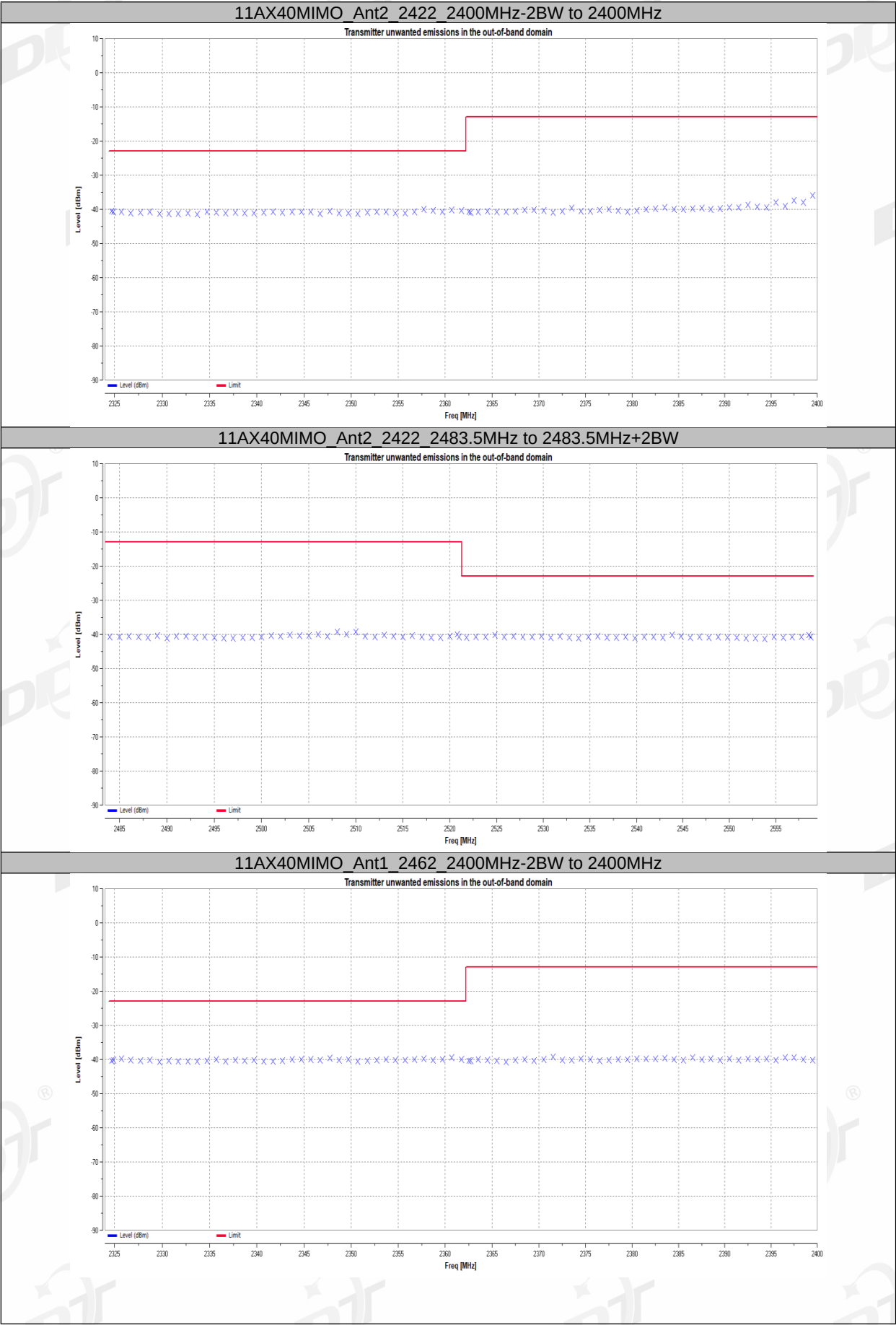


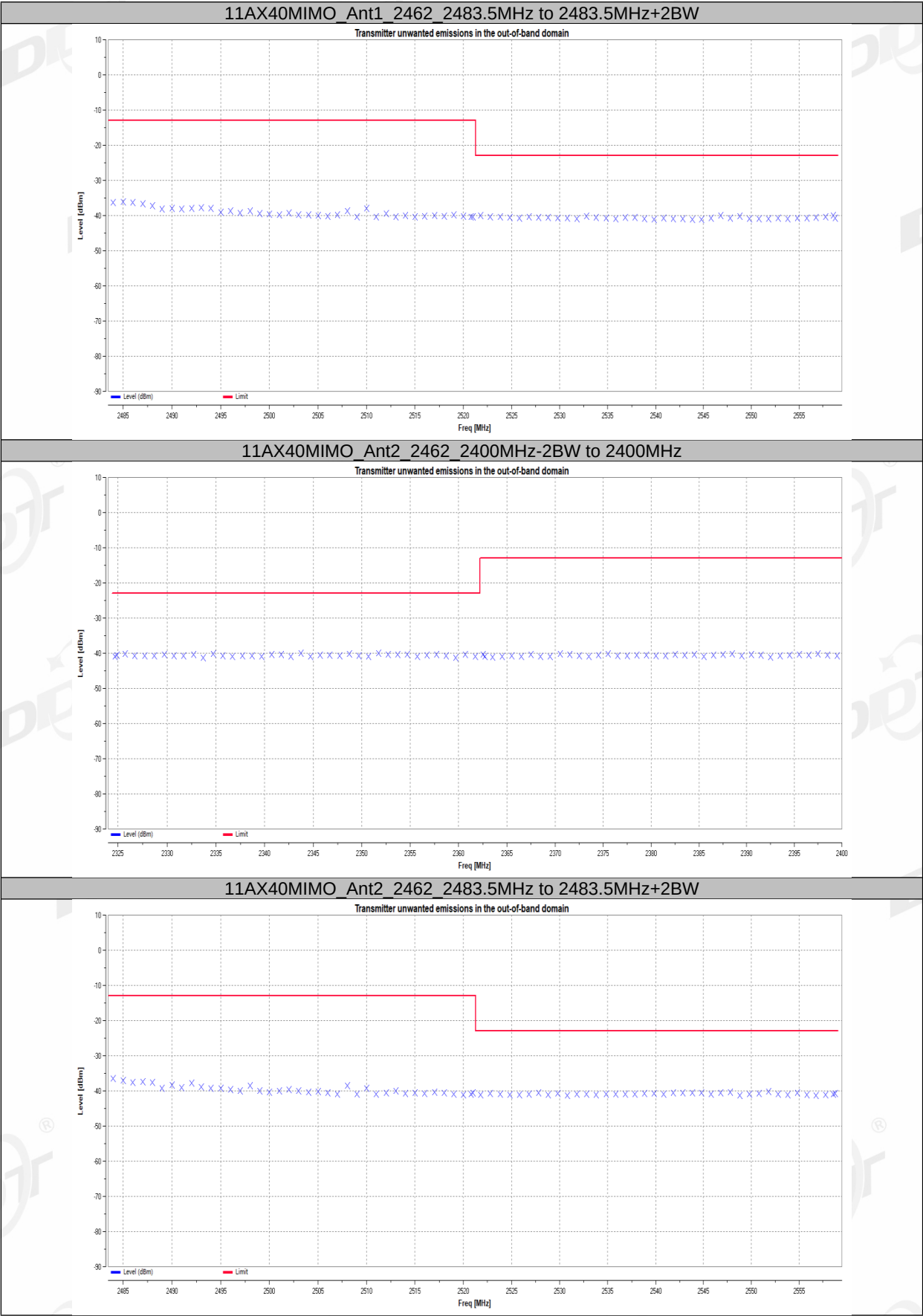






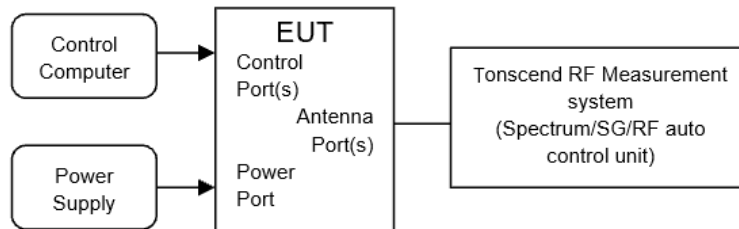






8. Receiver Blocking

8.1. Block diagram of test setup



8.2. Limits

This EUT belongs to:

☒ Receiver category 1

The following equipment shall be categorized as receiver category 1 equipment:

- Adaptive equipment with a maximum RF output power greater than 10 dBm e.i.r.p.

NOTE: Non-adaptive equipment is categorized as receiver category 2 or receiver category 3.

☐ Receiver category 2

The following equipment shall be categorized as receiver category 2 equipment:

- non-adaptive equipment with a Medium Utilization (MU) factor greater than 1 % and less than or equal to 10 % (irrespective of the maximum RF output power); or
- equipment (adaptive or non-adaptive) with a maximum RF output power greater than 0 dBm e.i.r.p. and less than or equal to 10 dBm e.i.r.p.

☐ Receiver category 3

The following equipment shall be categorized as receiver category 3 equipment:

- non-adaptive equipment with a maximum Medium Utilization (MU) factor of 1 % (irrespective of the maximum RF output power); or
- equipment (adaptive or non-adaptive) with a maximum RF output power of 0 dBm e.i.r.p.

Table 14: Receiver Blocking parameters for Receiver Category 1 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 4)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 4)	Type of blocking signal
(-133 dBm + 10 × log ₁₀ (OCBW)) or -68 dBm whichever is less (see note 2)	2380 2504	-34	CW
(-139 dBm + 10 × log ₁₀ (OCBW)) or -74 dBm whichever is less (see note 3)	2300 2330 2360 2524 2584 2674		

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 26$ dB where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 20$ dB where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 4: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

Table 15: Receiver Blocking parameters receiver Category 2 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139 \text{ dBm} + 10 \times \log_{10}(\text{OCBW}) + 10 \text{ dB})$ or $(-74 \text{ dBm} + 10 \text{ dB})$ whichever is less (see note 2)	2380 2504 2300 2584	-34	CW
NOTE 1: OCBW is in Hz. NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative the test may be performed using a wanted signal up to $P_{\min} + 30 \text{ dB}$ where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal. NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.			

Table 16: Receiver Blocking parameters receiver Category 3 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139 \text{ dBm} + 10 \times \log_{10}(\text{OCBW}) + 20 \text{ dB})$ or $(-74 \text{ dBm} + 20 \text{ dB})$ whichever is less (see note 2)	2380 2504 2300 2584	-34	CW
NOTE 1: OCBW is in Hz. NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative the test may be performed using a wanted signal up to $P_{\min} + 30 \text{ dB}$ where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal. NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.			

Performance Criteria:

The minimum performance criterion shall be a PER less than or equal to 10 %.

8.3. Test procedure

Refer to EN 300328 V2.2.2 clause 5.4.11.2.1

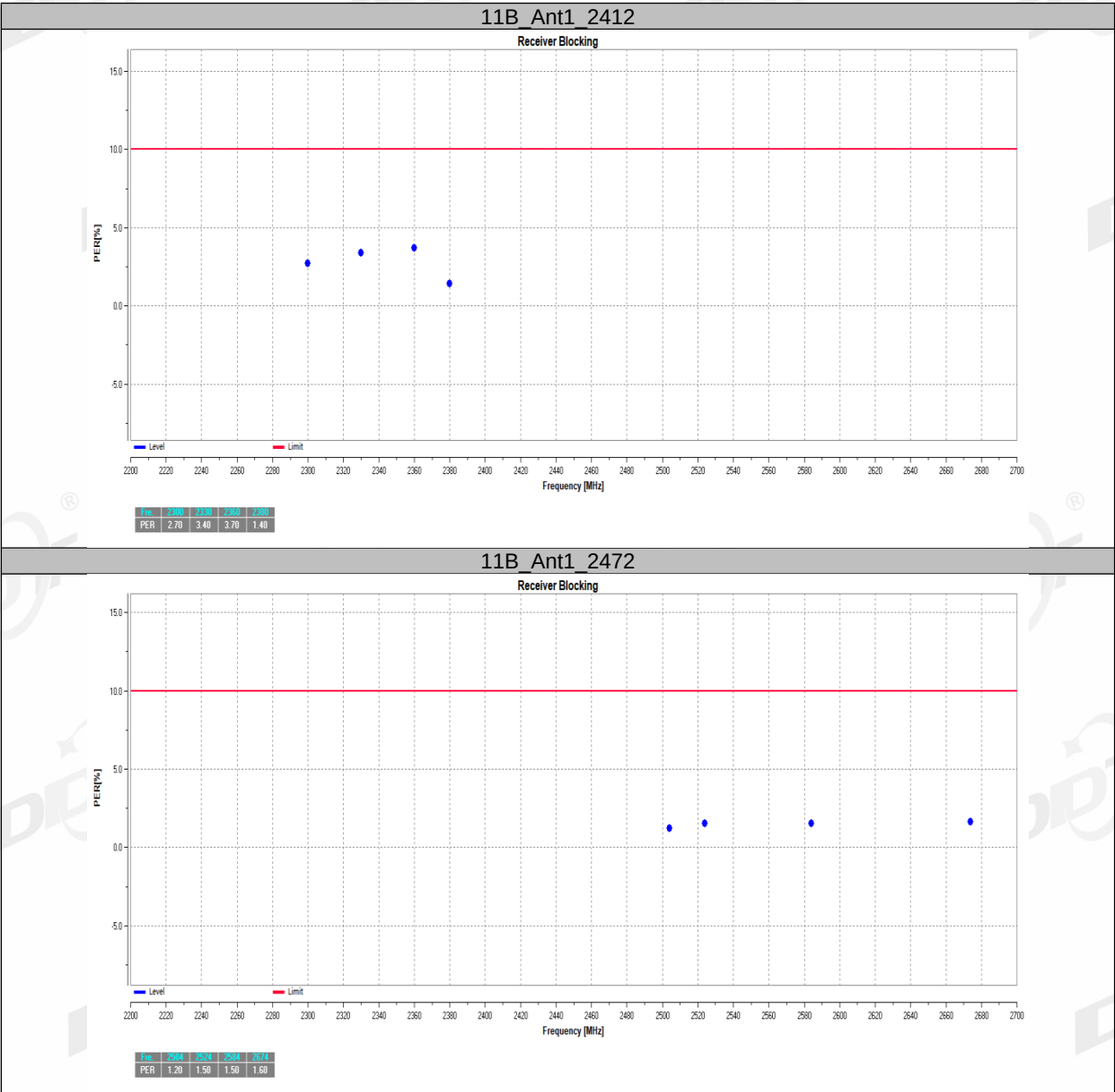
8.4. Test result

Test Engineer:	Tyang	Test Site:	RF Measurement System 3#
Ambient Condition:	25.6℃ , 38.5%RH	Test Date:	2025.12.03-2025.12.04
Test Power Supply:	AC 230V	Sample Number:	S25090923-004

Test Mode	Antenna	Freq (MHz)	Pmin [dBm]	Wanted signal [dBm]	Freq. [MHz]	CW [dBm]	PER [%]	Limit [%]	Verdict
11B	Ant1	2412	---	-69.31	2300	-29.31	2.70	≤10	PASS
			---	-69.31	2330	-29.31	3.40	≤10	PASS
			---	-69.31	2360	-29.31	3.70	≤10	PASS
			---	-63.31	2380	-29.31	1.40	≤10	PASS
		2472	---	-63.31	2504	-29.31	1.20	≤10	PASS
			---	-69.31	2524	-29.31	1.50	≤10	PASS
			---	-69.31	2584	-29.31	1.50	≤10	PASS
			---	-69.31	2674	-29.31	1.60	≤10	PASS

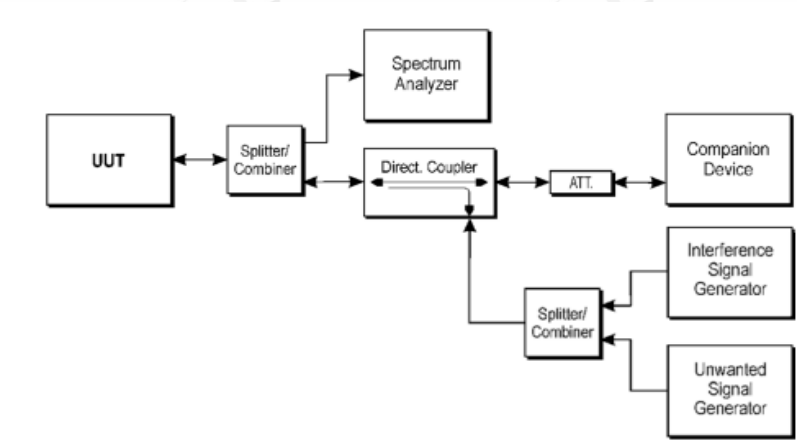
Note: Bote antennas have been tested, only recorded the worst case in this report.

8.5. Test graphs



9. Adaptivity

9.1. Block diagram of test setup



9.2. Limits

Requirement	Operational Mode		
	DAA	LBT	
		Frame Based Equipment	Load Based Equipment
Minimum Clear Channel Assessment (CCA) Time	NA	18 us (see note 1)	18 us (see note 1)
Minimum Marked Unavailable Time	1s	NA	NA
Maximum Channel Occupancy (COT) Time	40 ms	1ms to 10 ms	13ms
Minimum Idle Period	5% of COT (see note 2)	5% of COT	NA
Extended CCA check	NA	NA	18μs ~160μs
Short Control Signaling Transmissions	Maximum duty cycle of 10% within an observation period of 50 ms (see note 3)		
Note 1: The CCA time used by the equipment shall be declared by the supplier.			
Note 2: The minimum idle period is 100μs.			
Note 3: Adaptive equipment may or may not have Short Control Signaling Transmissions.			

9.3. Test procedure

Unwanted Signal Level				
Equipment Type (LBT/ DAA)	Wanted signal mean power from companion device	Unwanted Signal frequency [MHz]	Unwanted Signal power [dBm]	Type interfering signal
LBT	Sufficient to maintain the link (see note 2)	2395 or 2488.5 (see note 1)	-35	CW
DAA	-30 dBm			

NOTE 1: The highest blocking frequency shall be used for testing the lowest operating channel, while the lowest blocking frequency shall be used for testing the highest operating channel.

NOTE 2: A typical value which can be used in most cases is -50 dBm /MHz.

Refer to EN 300 328 V2.2.2 Clause 5.4.6.2

LIST OF MEASUREMENTS

UUT operational Mode		
☐ Non-LBT based Detect and Avoid	☐ Frame Based Equipment	☒ Load Based Equipment

Clause	Test Parameter	Remarks	Pass/Fail
4.3.2.6.2	Non-LBT based Detect and Avoid	Not Applicable	N/A
4.3.2.6.3.2.2	Adaptive (Frame Based Equipment)	Not Applicable	N/A
4.3.2.5.2.2.3	Adaptive (Load Based Equipment)	Applicable	Pass
4.3.2.6.4	Short Control Signaling Transmissions	Applicable	Pass

9.4. Test result

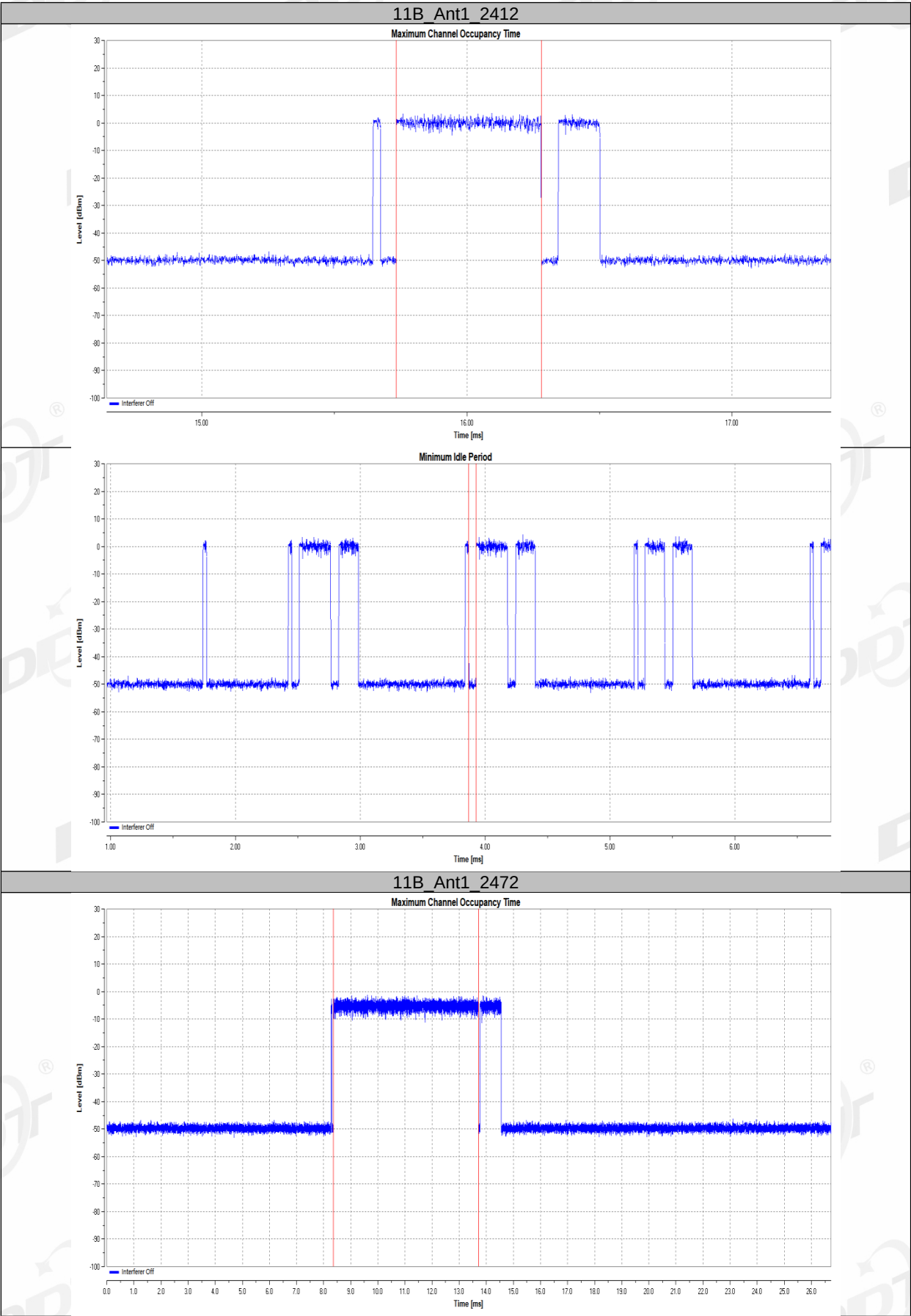
Test Engineer:	Tyang	Test Site:	RF Measurement System 3#
Ambient Condition:	25.6℃ , 38.5%RH	Test Date:	2025.12.03-2025.12.04
Test Supply: Power	AC 230V	Sample Number:	S25090923-004

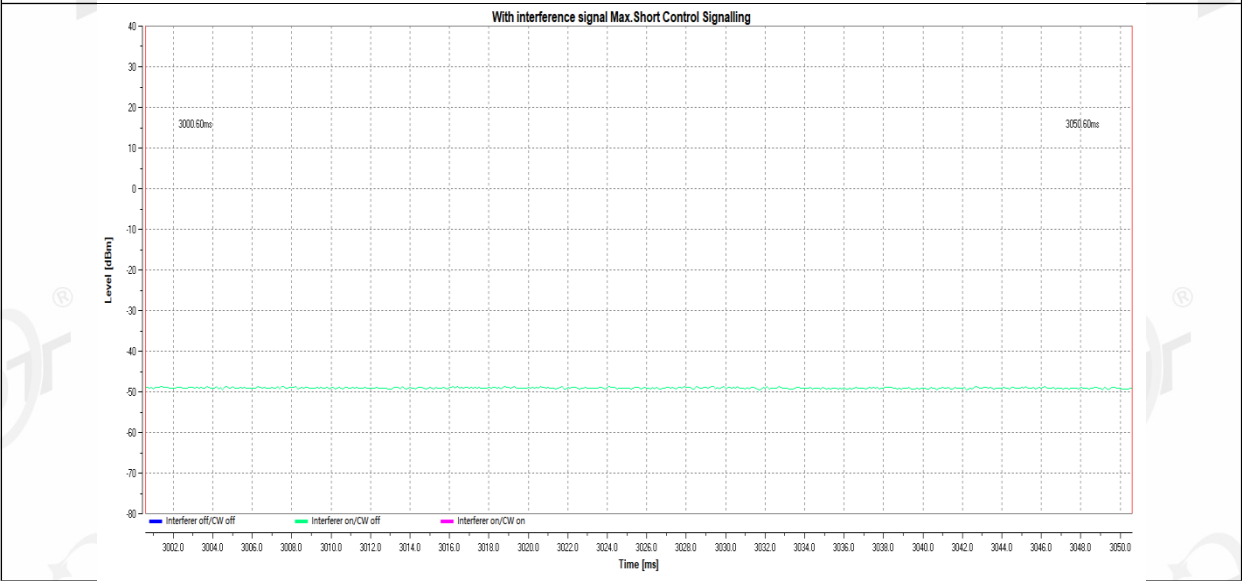
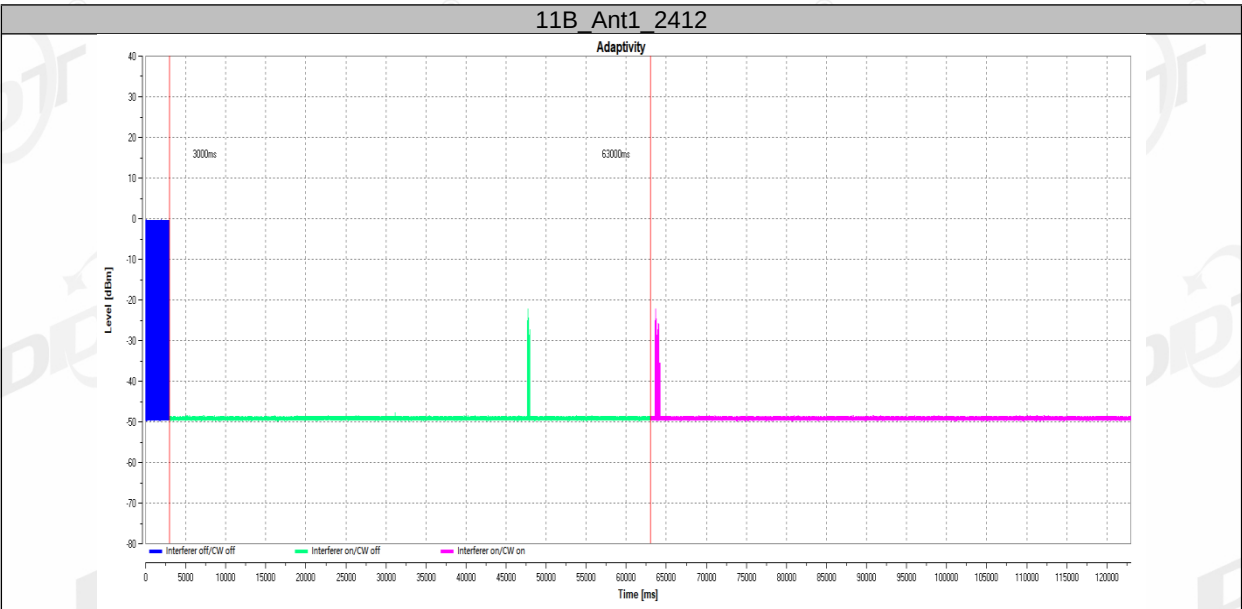
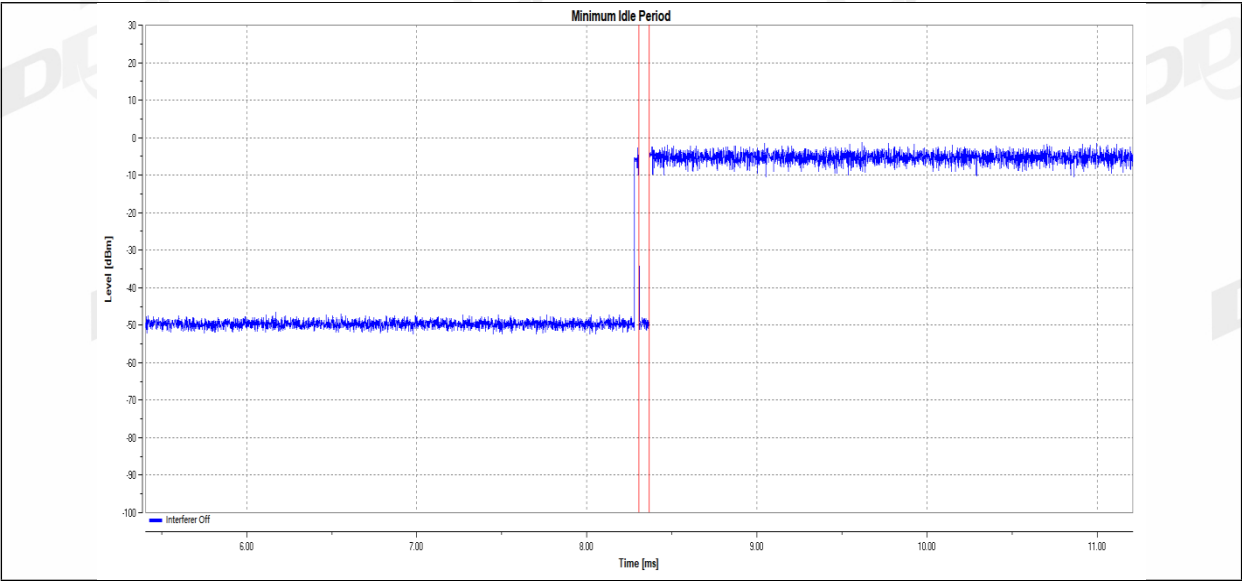
Test Mode	Antenna	Frequency (MHz)	Max.COT [ms]	Limit [ms]	Min.Idle Time [ms]	Limit [ms]	Verdict
11B	Ant1	2412	0.546	13	0.058	0.018	PASS
		2472	5.343	13	0.058	0.018	PASS

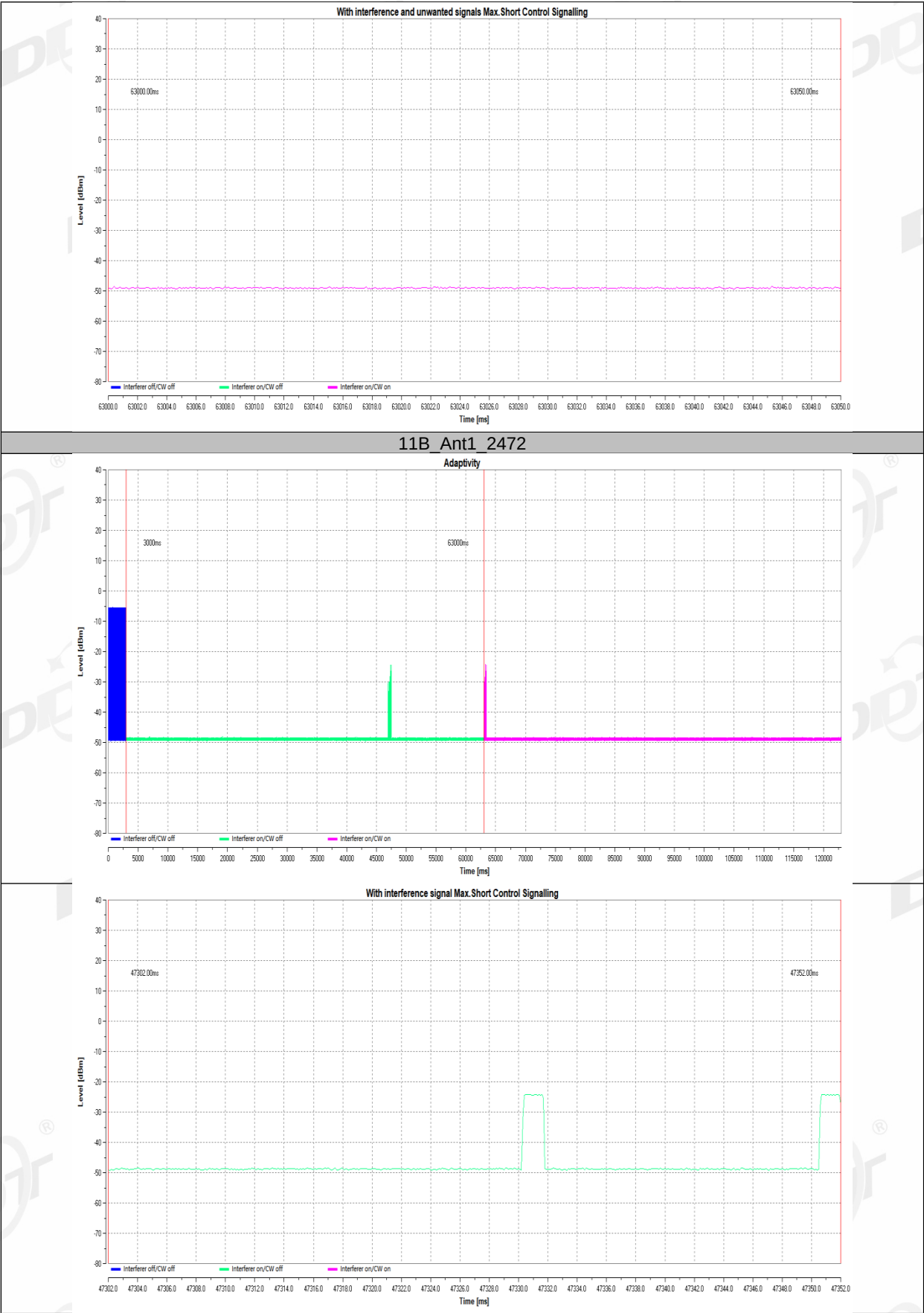
Test Mode	Antenna	Frequency (MHz)	Add Signal Type	Add Signal Time [ms]	Add Signal Level [dbm]	Max. Short Time [%]	Limit [%]	Verdict
11B	Ant1	2412	AWGN	3000	-61.84	0.00	10	PASS
			CW	63000	-30.31	0.00	10	PASS
		2472	AWGN	3000	-61.59	5.20	10	PASS
			CW	63000	-30.31	5.40	10	PASS

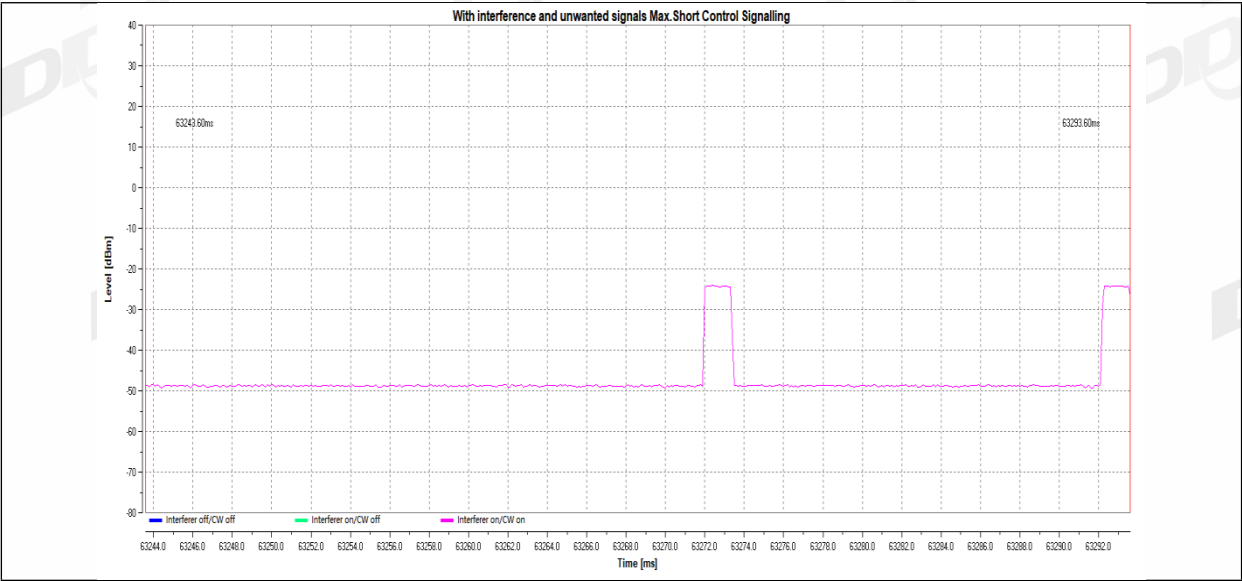
Note: All modes and antennas have been tested, and only the worst case is shown in report.

9.5. Test graphs







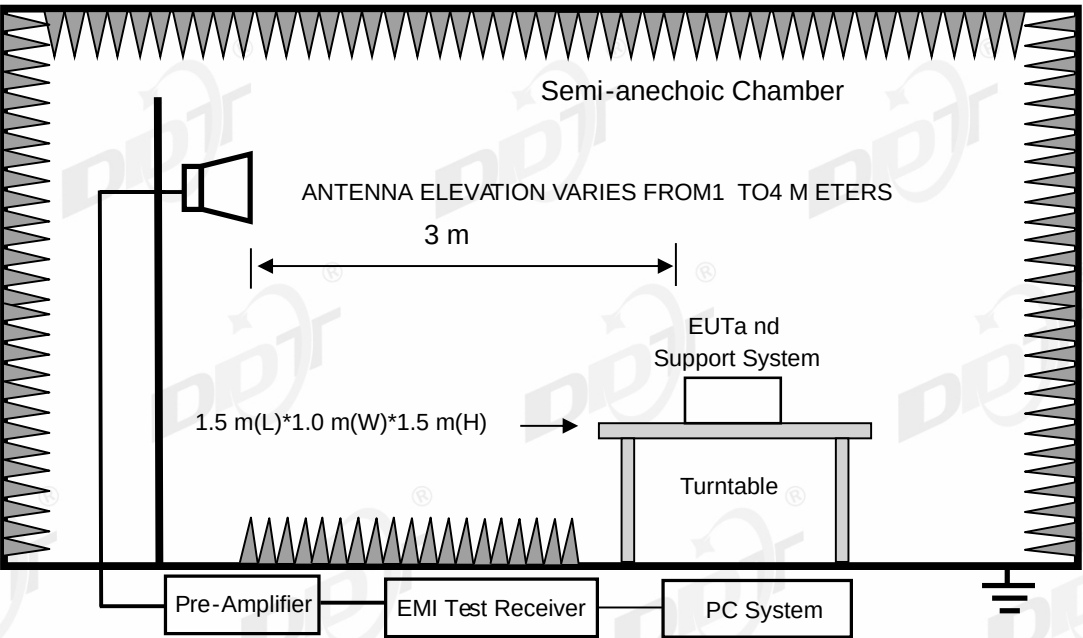
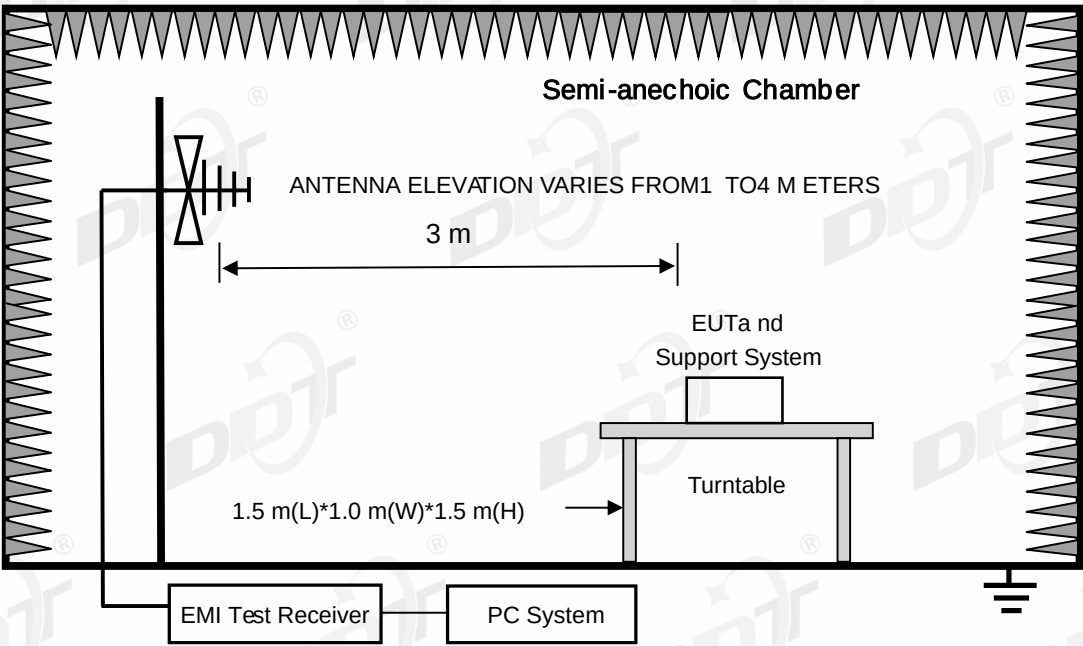


10. Transmitter unwanted emissions in the spurious domain

10.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28	1 Year
Radiation disturbance fully automated test software	Tonscend	JS32-RE	DDT-ZC02739	/	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06	1 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2026/08/11	1 Year
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28	1 Year

10.2. Block diagram of test setup



10.3. Limits

Frequency Range	Maximum power, e.r.p (≤ 1 GHz); e.i.r.p (>1 GHz)	Bandwidth
30MHz to 47MHz	-36 dBm	100kHz
47MHz to 74MHz	-54 dBm	100kHz
74MHz to 87.5MHz	-36 dBm	100kHz
87.5MHz to 118MHz	-54 dBm	100kHz
118MHz to 174MHz	-36 dBm	100kHz
174MHz to 230MHz	-54 dBm	100kHz
230MHz to 470MHz	-36 dBm	100kHz
470 MHz to 694 MHz	-54 dBm	100kHz
694 MHz to 1 GHz	-36 dBm	100kHz
1GHz to 12.75GHz	-30 dBm	1MHz

10.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

10.5. Test procedure

(1) EUT was placed on a non-metallic table, 1.5m above the ground plane inside a semi-anechoic chamber.

(2) Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used
30MHz-1GHz	Trilog Broadband Antenna
1GHz-12.75GHz	Double Ridged Horn Antenna

(3) Set EUT work in fixed channel transmitting mode.

(4) All the emissions from 30MHz to 12.75GHz at 3m distance was measured and recorded with receive antenna in both vertical and horizontal and varied from 1 m to 4 m. in height above the reference ground plane, and rotating the turntable obtain the maximum signal strength., the test spectrum analyser was set as below

Frequency band	RBW	VBW	Detector mode
30MHz-1GHz	100kHz	300kHz	Peak
1GHz-12.75GHz	1MHz	3MHz	Peak

Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

(5) A correction values from a verified site calibration was used to calculate the spurious emissions of EUT.

(6) Scan with all mode, the worst case is recorded in this report.

10.6. Test result

PASS. (See below detailed test result)

10.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Cao Jie

Test Mode:

TX 11N20 MIMO 2472MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

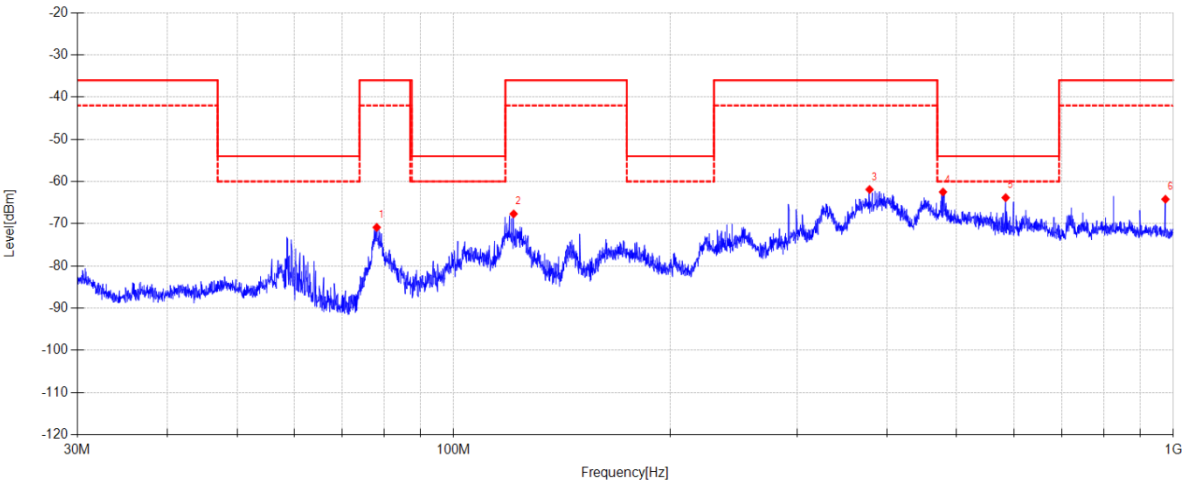
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\7

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	78.179	47.67	-118.54	-70.87	-36.00	34.87	PK	Horizontal	ERP
2	121.174	49.86	-117.53	-67.67	-36.00	31.67	PK	Horizontal	ERP
3	378.392	47.87	-109.77	-61.90	-36.00	25.90	PK	Horizontal	ERP
4	478.580	45.50	-107.98	-62.48	-54.00	8.48	PK	Horizontal	ERP
5	584.852	41.69	-105.52	-63.83	-54.00	9.83	PK	Horizontal	ERP
6	975.074	35.05	-99.25	-64.20	-36.00	28.20	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

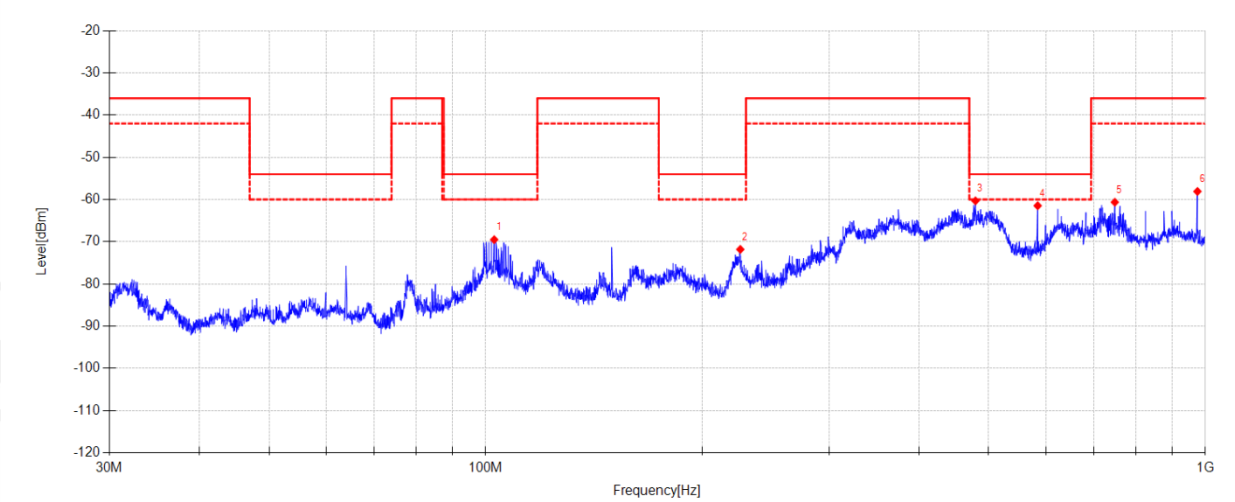
Test Date: 2025-12-05 Tested By: Cao Jie

Test Mode: TX 11N20 MIMO 2472MHz Mode Power Supply: AC 230V/50Hz

Condition: Temp:22.9°C;Humi:45.9% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\8

Memo: Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	102.766	41.90	-111.41	-69.51	-54.00	15.51	PK	Vertical	ERP
2	225.850	42.11	-113.93	-71.82	-54.00	17.82	PK	Vertical	ERP
3	479.252	45.41	-105.73	-60.32	-54.00	6.32	PK	Vertical	ERP
4	584.852	41.94	-103.41	-61.47	-54.00	7.47	PK	Vertical	ERP
5	748.575	40.10	-100.74	-60.64	-36.00	24.64	PK	Vertical	ERP
6	975.074	39.48	-97.57	-58.09	-36.00	22.09	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-12-05

Tested By:Cao Jie

Test Mode:TX 11N20 MIMO 2412MHz Mode

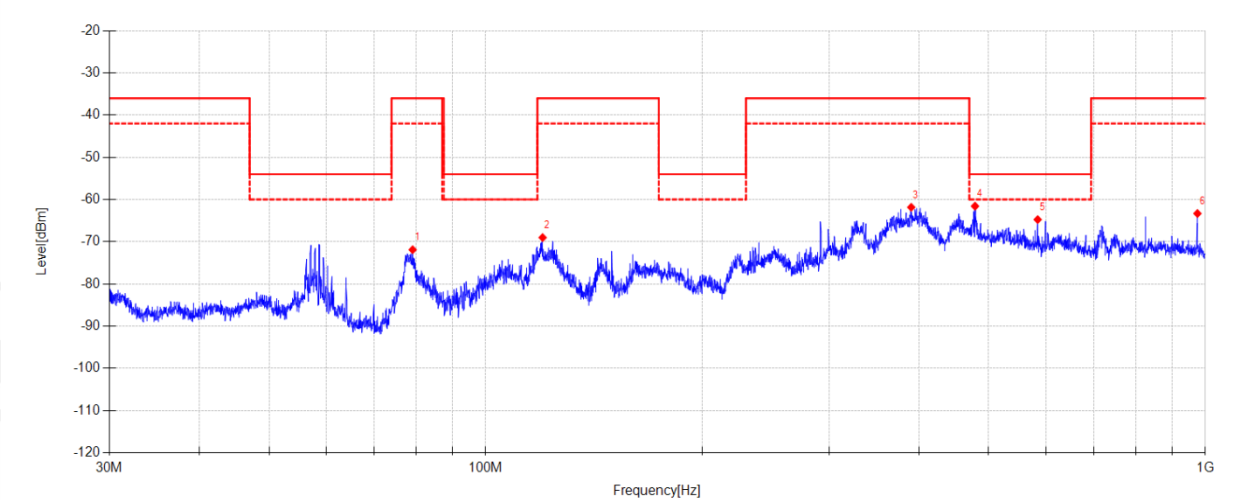
Power Supply:AC 230V/50Hz

Condition:Temp:22.9°C;Humi:45.9%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\9

Memo:Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	79.172	46.64	-118.54	-71.90	-36.00	35.90	PK	Horizontal	ERP
2	119.991	48.43	-117.45	-69.02	-36.00	33.02	PK	Horizontal	ERP
3	390.248	47.73	-109.57	-61.84	-36.00	25.84	PK	Horizontal	ERP
4	478.580	46.41	-107.98	-61.57	-54.00	7.57	PK	Horizontal	ERP
5	584.852	40.76	-105.52	-64.76	-54.00	10.76	PK	Horizontal	ERP
6	975.074	35.93	-99.25	-63.32	-36.00	27.32	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Cao Jie

Test Mode:

TX 11N20 MIMO 2412MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

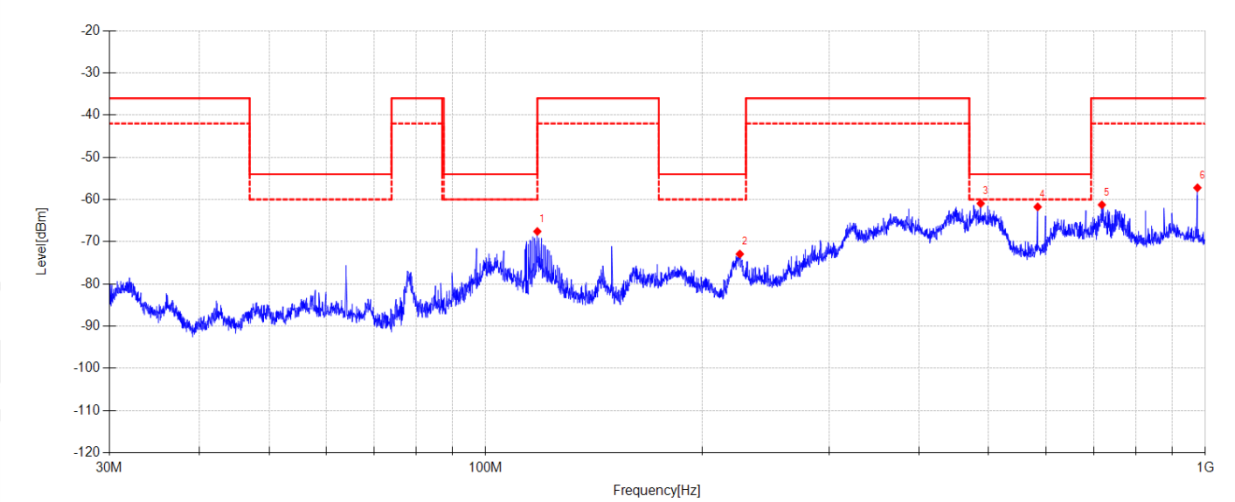
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\10

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	117.988	44.92	-112.49	-67.57	-54.00	13.57	PK	Vertical	ERP
2	225.533	41.02	-113.94	-72.92	-54.00	18.92	PK	Vertical	ERP
3	487.385	44.47	-105.41	-60.94	-54.00	6.94	PK	Vertical	ERP
4	584.852	41.66	-103.41	-61.75	-54.00	7.75	PK	Vertical	ERP
5	718.239	40.52	-101.78	-61.26	-36.00	25.26	PK	Vertical	ERP
6	975.074	40.35	-97.57	-57.22	-36.00	21.22	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

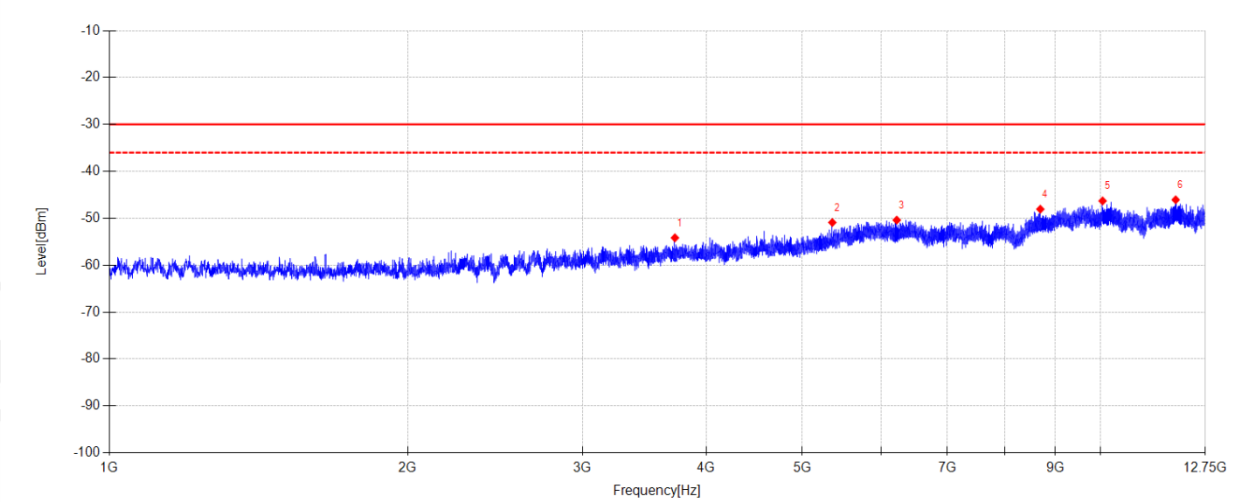
Test Date: 2025-12-05 Tested By: Li Xiongbin

Test Mode: TX 11N20 MIMO 2412MHz Mode Power Supply: AC 230V/50Hz

Condition: Temp:22.9°C;Humi:45.9% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25090923-2E\CE ABOVE 1G 2.4G\1

Memo: Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3719.635	47.38	-101.54	-54.16	-30.00	24.16	PK	Horizontal	EIRP
2	5361.208	45.92	-96.82	-50.90	-30.00	20.90	PK	Horizontal	EIRP
3	6226.302	43.85	-94.24	-50.39	-30.00	20.39	PK	Horizontal	EIRP
4	8690.865	42.77	-90.83	-48.06	-30.00	18.06	PK	Horizontal	EIRP
5	10043.094	42.78	-89.08	-46.30	-30.00	16.30	PK	Horizontal	EIRP
6	11901.063	42.48	-88.54	-46.06	-30.00	16.06	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Li Xiongbín

Test Mode:

TX 11N20 MIMO 2412MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

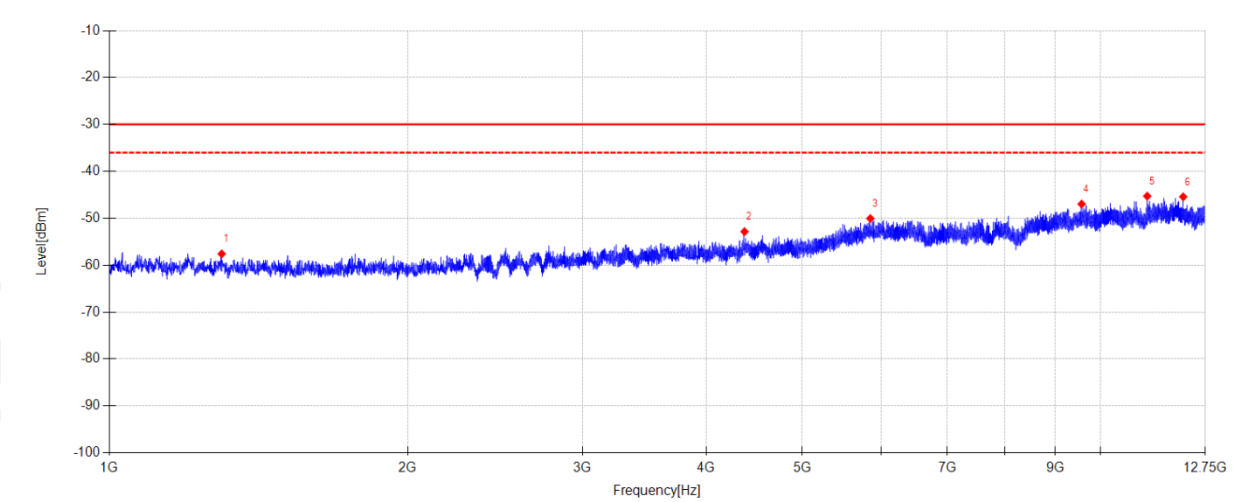
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1298.156	46.59	-104.18	-57.59	-30.00	27.59	PK	Vertical	EIRP
2	4372.250	47.44	-100.28	-52.84	-30.00	22.84	PK	Vertical	EIRP
3	5856.177	44.70	-94.76	-50.06	-30.00	20.06	PK	Vertical	EIRP
4	9566.240	42.77	-89.74	-46.97	-30.00	16.97	PK	Vertical	EIRP
5	11139.760	42.74	-88.02	-45.28	-30.00	15.28	PK	Vertical	EIRP
6	12111.094	42.51	-87.93	-45.42	-30.00	15.42	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

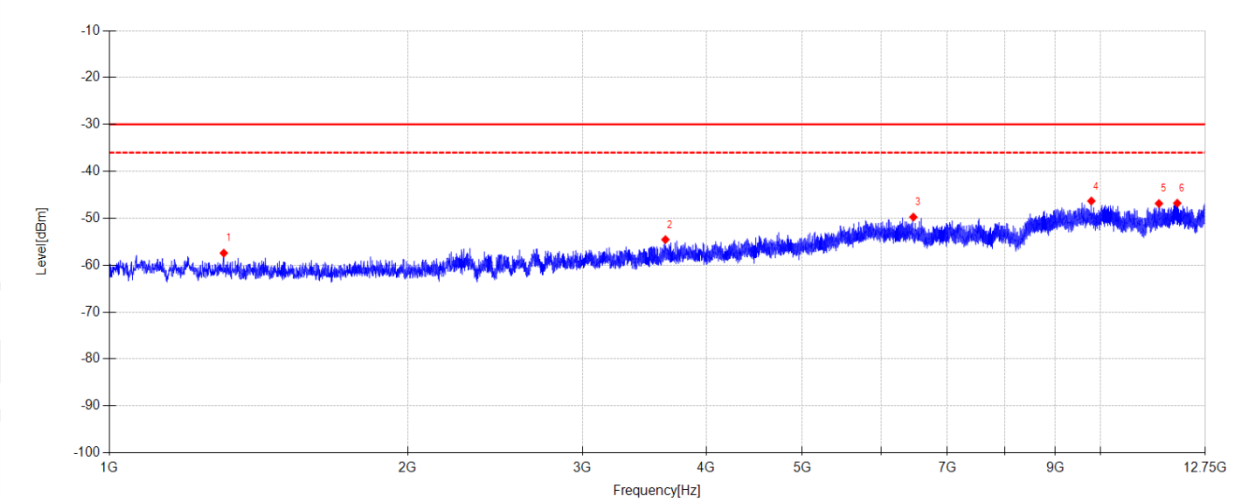
Test Date: 2025-12-05 Tested By: Li Xiongbin

Test Mode: TX 11N20 MIMO 2472MHz Mode Power Supply: AC 230V/50Hz

Condition: Temp:22.9°C;Humi:45.9% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25090923-2E\CE ABOVE 1G 2.4G\3

Memo: Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1304.521	47.10	-104.52	-57.42	-30.00	27.42	PK	Horizontal	EIRP
2	3638.365	47.13	-101.68	-54.55	-30.00	24.55	PK	Horizontal	EIRP
3	6471.583	44.63	-94.38	-49.75	-30.00	19.75	PK	Horizontal	EIRP
4	9784.104	42.87	-89.19	-46.32	-30.00	16.32	PK	Horizontal	EIRP
5	11447.708	42.12	-88.97	-46.85	-30.00	16.85	PK	Horizontal	EIRP
6	11946.104	41.70	-88.49	-46.79	-30.00	16.79	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Li Xiongbín

Test Mode:

TX 11N20 MIMO 2472MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

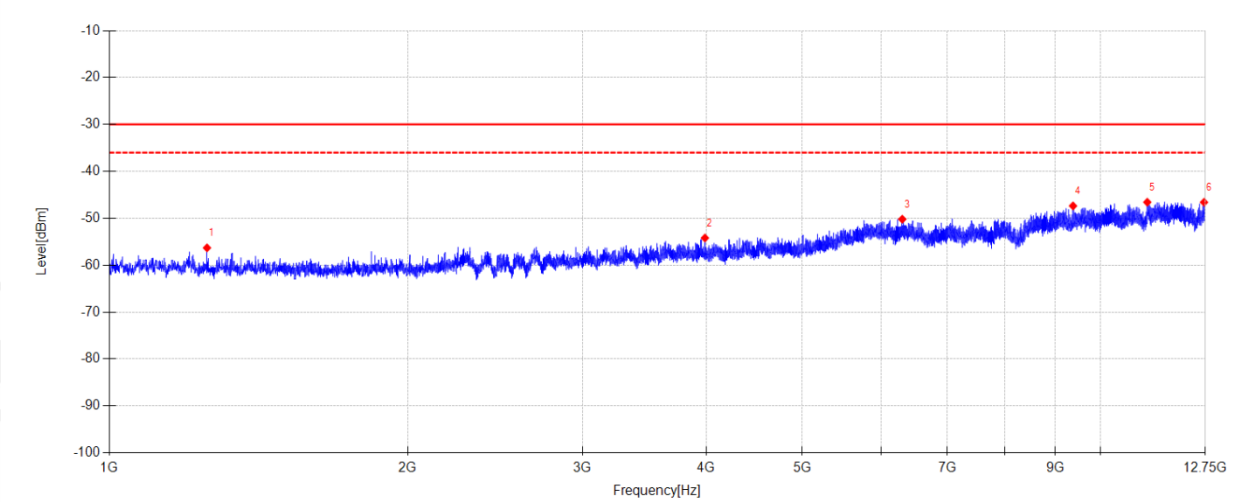
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE ABOVE 1G 2.4G\4

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1254.583	47.85	-104.16	-56.31	-30.00	26.31	PK	Vertical	EIRP
2	3987.927	46.94	-101.14	-54.20	-30.00	24.20	PK	Vertical	EIRP
3	6307.083	44.11	-94.31	-50.20	-30.00	20.20	PK	Vertical	EIRP
4	9377.750	42.47	-89.84	-47.37	-30.00	17.37	PK	Vertical	EIRP
5	11141.719	41.45	-88.02	-46.57	-30.00	16.57	PK	Vertical	EIRP
6	12711.813	41.55	-88.14	-46.59	-30.00	16.59	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

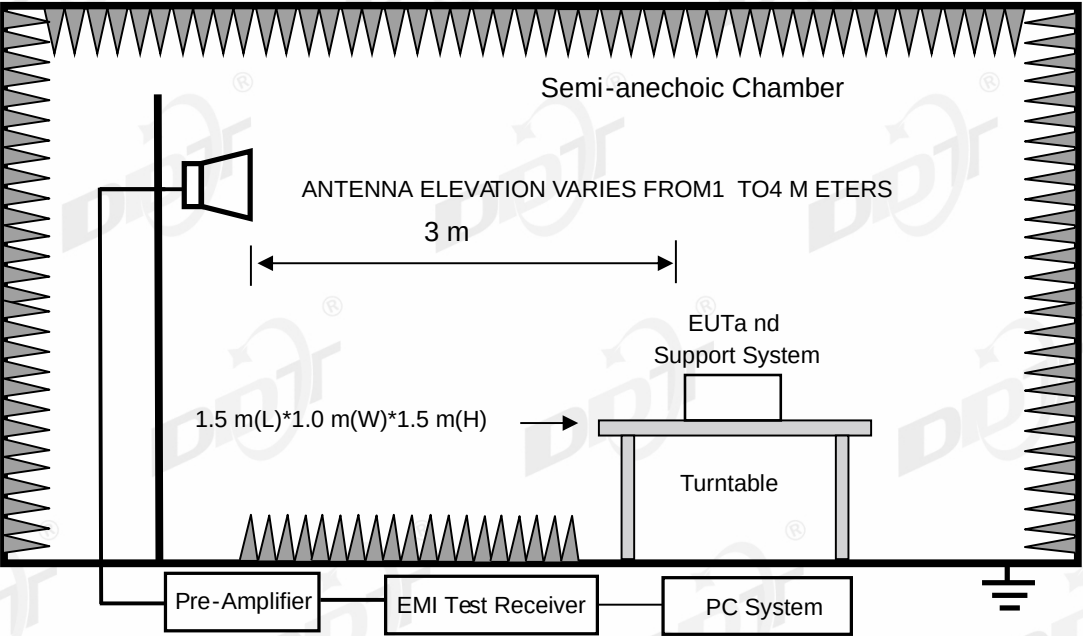
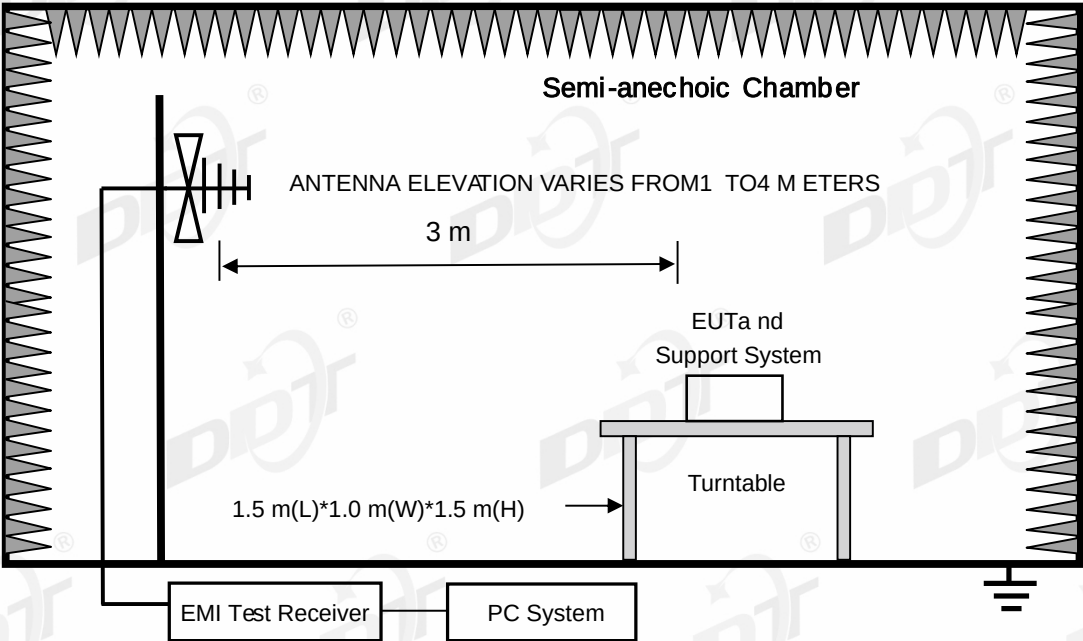
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

11. Receiver spurious emissions

11.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28	1 Year
Radiation disturbance fully automated test software	Tonscend	JS32-RE	DDT-ZC02739	/	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06	1 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2026/08/11	1 Year
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28	1 Year

11.2. Block diagram of test setup



11.3. Limits

The spurious emissions of the receiver shall not exceed the values given in below table.

Frequency range	Maximum power	Bandwidth
30 MHz to 1 GHz	-57 dBm	100 kHz
1 GHz to 12,75 GHz	-47 dBm	1 MHz

11.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

11.5. Test procedure

Refer to EN 300 328 V2.2.2 Clause 5.4.10.2

11.6. Test result

PASS. (See below detailed test result)

Note: All modes have been tested, only recorded the worst case in this report.

11.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Cao Jie

Test Mode:

RX 11N20 MIMO 2412MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

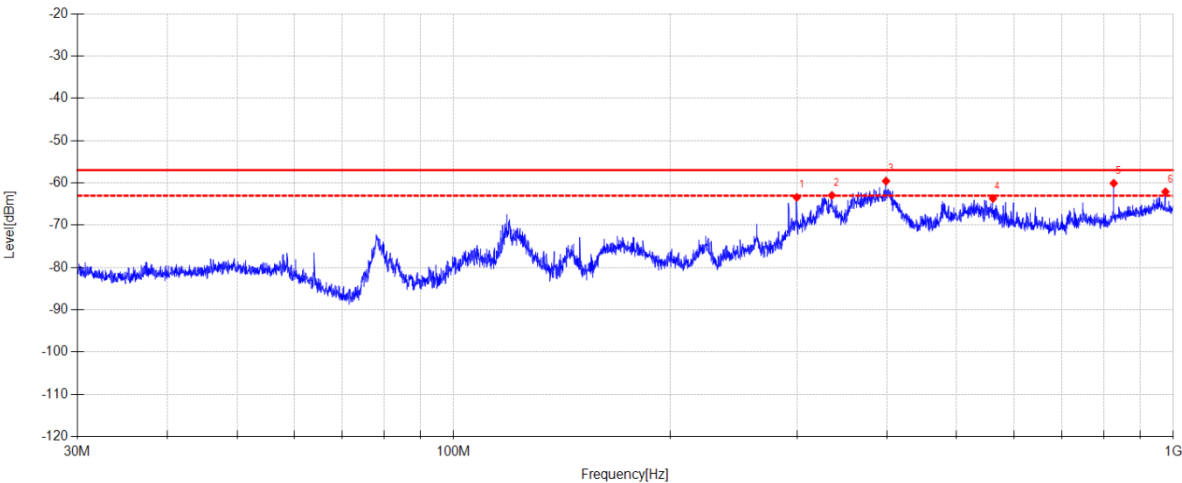
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\3

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	299.808	48.31	-111.74	-63.43	-57.00	6.43	PK	Horizontal	ERP
2	335.402	47.72	-110.68	-62.96	-57.00	5.96	PK	Horizontal	ERP
3	398.824	49.86	-109.44	-59.58	-57.00	2.58	PK	Horizontal	ERP
4	561.545	42.85	-106.56	-63.71	-57.00	6.71	PK	Horizontal	ERP
5	826.365	42.14	-102.23	-60.09	-57.00	3.09	PK	Horizontal	ERP
6	975.074	37.13	-99.25	-62.12	-57.00	5.12	PK	Horizontal	ERP

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	335.402	46.22	-110.68	-64.46	-57.00	7.46	RMS	Horizontal	ERP
2	398.824	48.38	-109.44	-61.06	-57.00	4.06	RMS	Horizontal	ERP
3	826.365	39.46	-102.23	-62.77	-57.00	5.77	RMS	Horizontal	ERP
4	975.074	34.74	-99.25	-64.51	-57.00	7.51	RMS	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Cao Jie

Test Mode:

RX 11N20 MIMO 2412MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

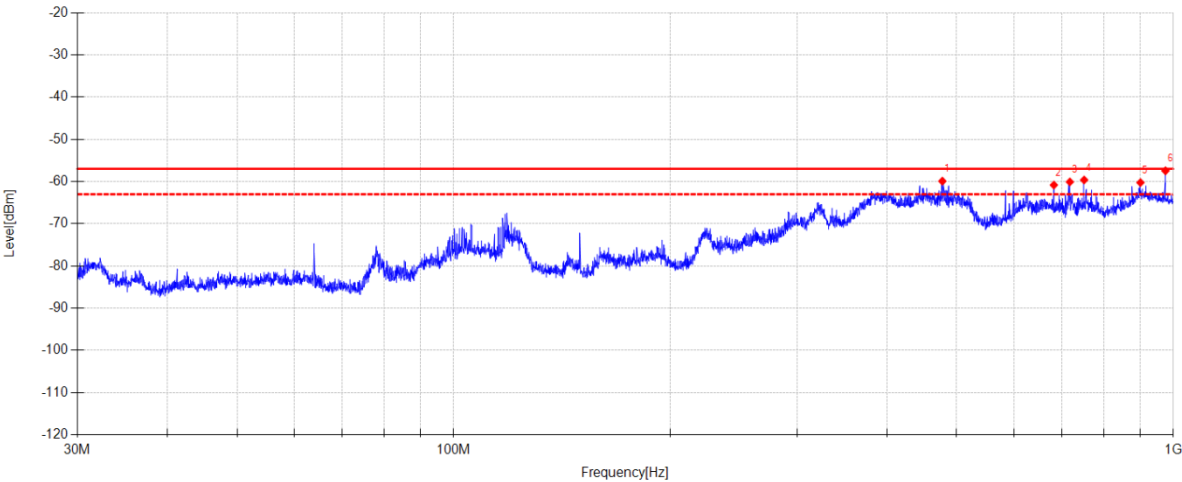
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\4

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	477.575	45.87	-105.79	-59.92	-57.00	2.92	PK	Vertical	ERP
2	682.401	41.48	-102.31	-60.83	-57.00	3.83	PK	Vertical	ERP
3	718.239	41.69	-101.78	-60.09	-57.00	3.09	PK	Vertical	ERP
4	751.731	41.09	-100.72	-59.63	-57.00	2.63	PK	Vertical	ERP
5	900.166	36.27	-96.52	-60.25	-57.00	3.25	PK	Vertical	ERP
6	975.074	40.11	-97.57	-57.46	-57.00	0.46	PK	Vertical	ERP

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	477.575	44.37	-105.79	-61.42	-57.00	4.42	RMS	Vertical	ERP
2	682.401	39.86	-102.31	-62.45	-57.00	5.45	RMS	Vertical	ERP
3	718.239	39.73	-101.78	-62.05	-57.00	5.05	RMS	Vertical	ERP
4	751.731	39.55	-100.72	-61.17	-57.00	4.17	RMS	Vertical	ERP
5	900.166	34.41	-96.52	-62.11	-57.00	5.11	RMS	Vertical	ERP
6	975.074	37.58	-97.57	-59.99	-57.00	2.99	RMS	Vertical	ERP

Note:

- Level = Reading + Factor.
- Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
- Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Cao Jie

Test Mode:

RX 11N20 MIMO 2472MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

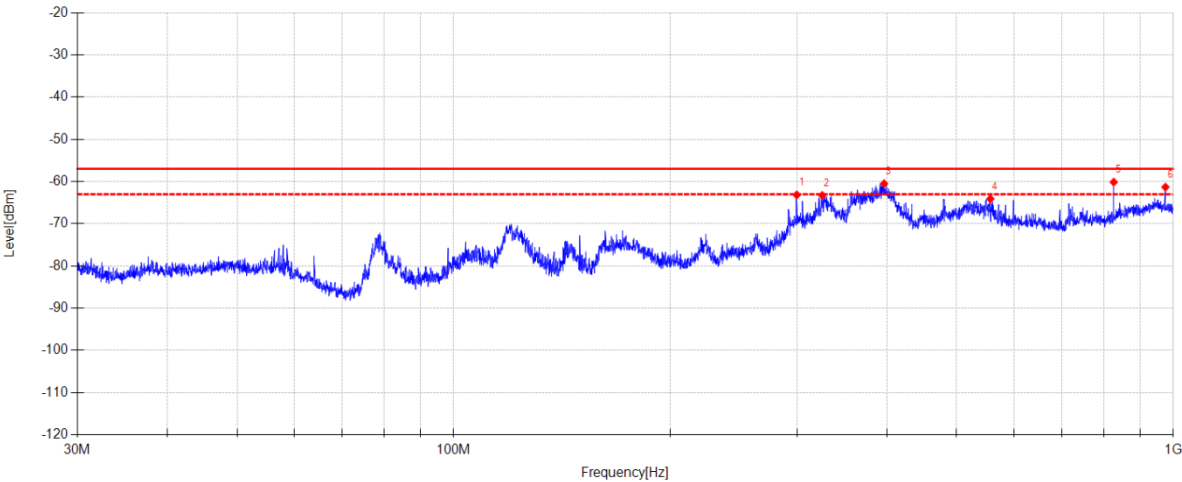
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\5

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	299.808	48.57	-111.74	-63.17	-57.00	6.17	PK	Horizontal	ERP
2	325.212	47.70	-110.98	-63.28	-57.00	6.28	PK	Horizontal	ERP
3	396.315	48.97	-109.48	-60.51	-57.00	3.51	PK	Horizontal	ERP
4	556.840	42.66	-106.77	-64.11	-57.00	7.11	PK	Horizontal	ERP
5	826.365	42.08	-102.23	-60.15	-57.00	3.15	PK	Horizontal	ERP
6	975.074	37.92	-99.25	-61.33	-57.00	4.33	PK	Horizontal	ERP

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	396.315	46.67	-109.48	-62.81	-57.00	5.81	RMS	Horizontal	ERP
2	826.365	39.97	-102.23	-62.26	-57.00	5.26	RMS	Horizontal	ERP
3	975.074	35.81	-99.25	-63.44	-57.00	6.44	RMS	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-12-05

Tested By:Cao Jie

Test Mode:RX 11N20 MIMO 2472MHz Mode

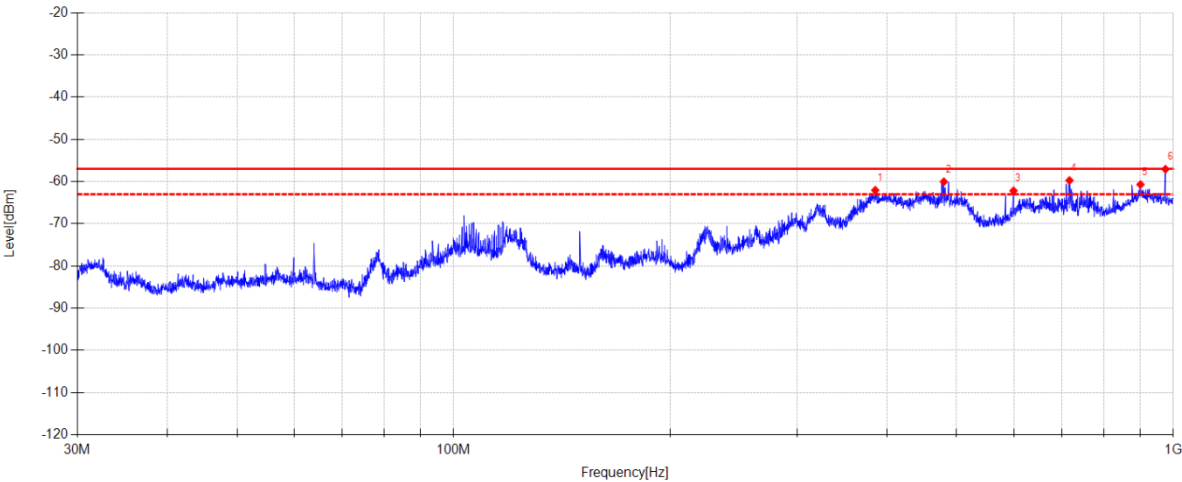
Power Supply:AC 230V/50Hz

Condition:Temp:22.9°C;Humi:45.9%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25090923-2E\CE BELOW 1G 2.4G\6

Memo:Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	385.354	45.88	-107.95	-62.07	-57.00	5.07	PK	Vertical	ERP
2	479.925	45.66	-105.71	-60.05	-57.00	3.05	PK	Vertical	ERP
3	599.803	40.55	-102.74	-62.19	-57.00	5.19	PK	Vertical	ERP
4	717.233	42.07	-101.82	-59.75	-57.00	2.75	PK	Vertical	ERP
5	900.166	35.80	-96.52	-60.72	-57.00	3.72	PK	Vertical	ERP
6	975.074	40.48	-97.57	-57.09	-57.00	0.09	PK	Vertical	ERP

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	385.354	43.53	-107.95	-64.42	-57.00	7.42	RMS	Vertical	ERP
2	479.925	43.27	-105.71	-62.44	-57.00	5.44	RMS	Vertical	ERP
3	599.803	38.06	-102.74	-64.68	-57.00	7.68	RMS	Vertical	ERP
4	717.233	40.26	-101.82	-61.56	-57.00	4.56	RMS	Vertical	ERP
5	900.166	34.44	-96.52	-62.08	-57.00	5.08	RMS	Vertical	ERP
6	975.074	38.33	-97.57	-59.24	-57.00	2.24	RMS	Vertical	ERP

Note:

- Level = Reading + Factor.
- Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
- Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

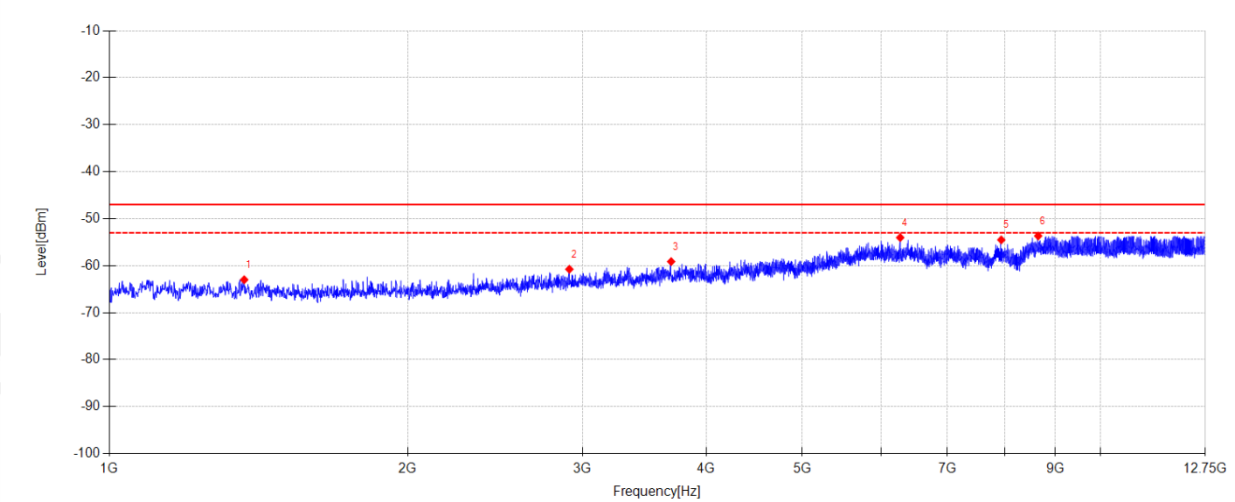
Test Date: 2025-12-05 Tested By: Li Xiongbin

Test Mode: RX 11N20 MIMO 2472MHz Mode Power Supply: AC 230V/50Hz

Condition: Temp:22.9°C;Humi:45.9% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25090923-2E\CE ABOVE 1G 2.4G\5

Memo: Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1367.775	41.54	-104.54	-63.00	-47.00	16.00	PK	Horizontal	EIRP
2	2910.550	42.10	-102.87	-60.77	-47.00	13.77	PK	Horizontal	EIRP
3	3687.225	42.44	-101.58	-59.14	-47.00	12.14	PK	Horizontal	EIRP
4	6276.925	40.24	-94.27	-54.03	-47.00	7.03	PK	Horizontal	EIRP
5	7937.200	39.01	-93.52	-54.51	-47.00	7.51	PK	Horizontal	EIRP
6	8648.075	37.31	-90.99	-53.68	-47.00	6.68	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

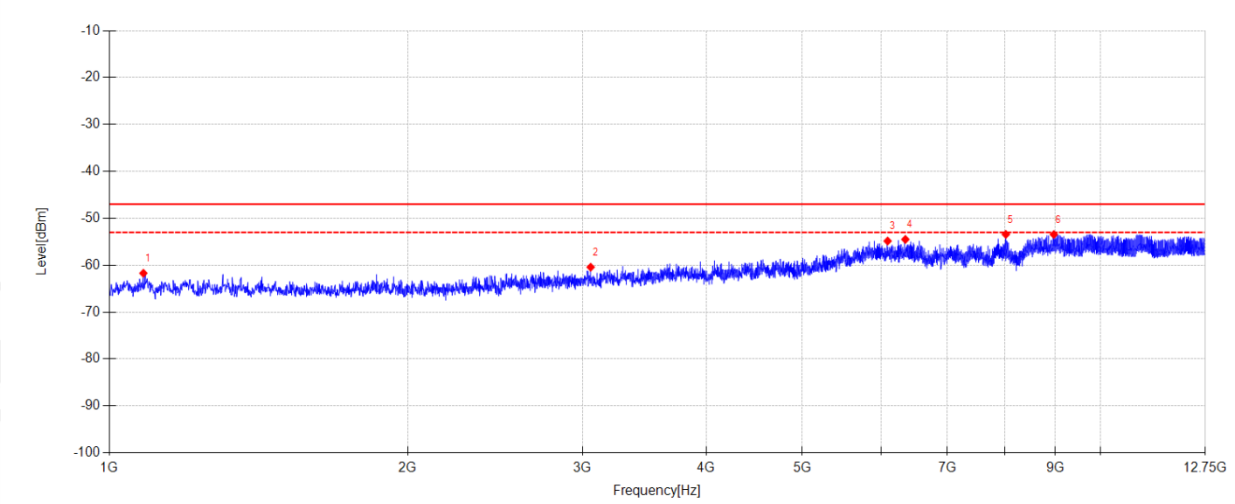
Test Date: 2025-12-05 Tested By: Li Xiongbin

Test Mode: RX 11N20 MIMO 2472MHz Mode Power Supply: AC 230V/50Hz

Condition: Temp:22.9°C;Humi:45.9% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25090923-2E\CE ABOVE 1G 2.4G\6

Memo: Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1082.250	42.38	-104.10	-61.72	-47.00	14.72	PK	Vertical	EIRP
2	3058.600	42.12	-102.54	-60.42	-47.00	13.42	PK	Vertical	EIRP
3	6095.975	39.30	-94.15	-54.85	-47.00	7.85	PK	Vertical	EIRP
4	6352.125	39.84	-94.35	-54.51	-47.00	7.51	PK	Vertical	EIRP
5	8021.800	39.52	-92.96	-53.44	-47.00	6.44	PK	Vertical	EIRP
6	8967.675	36.64	-90.10	-53.46	-47.00	6.46	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Li Xiongbín

Test Mode:

RX 11N20 MIMO 2412MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

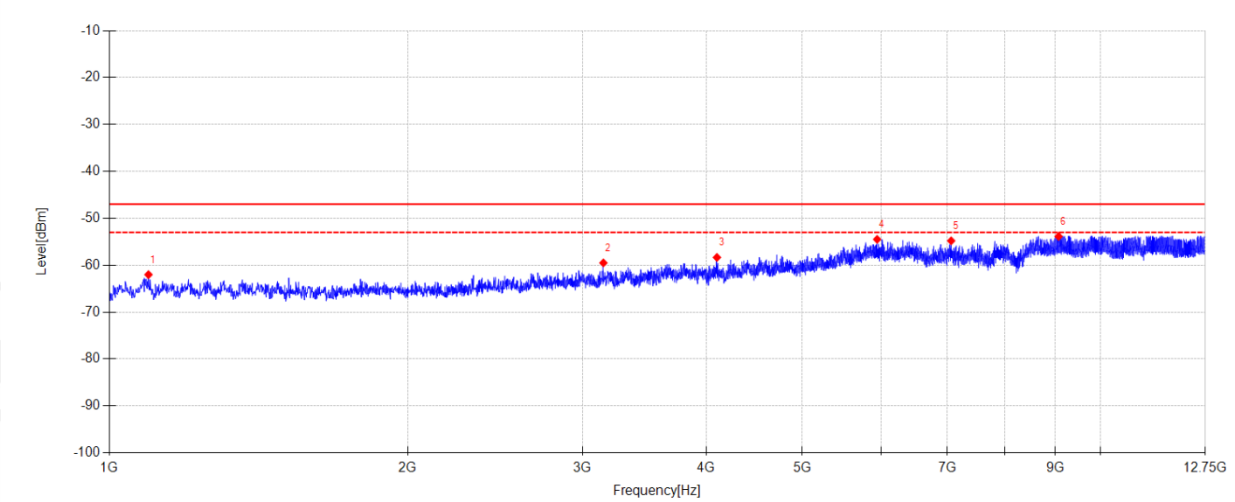
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE ABOVE 1G 2.4G\7

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1095.175	42.44	-104.46	-62.02	-47.00	15.02	PK	Horizontal	EIRP
2	3150.250	42.94	-102.45	-59.51	-47.00	12.51	PK	Horizontal	EIRP
3	4100.825	42.46	-100.81	-58.35	-47.00	11.35	PK	Horizontal	EIRP
4	5949.100	39.83	-94.33	-54.50	-47.00	7.50	PK	Horizontal	EIRP
5	7065.350	39.81	-94.61	-54.80	-47.00	7.80	PK	Horizontal	EIRP
6	9067.550	35.75	-89.62	-53.87	-47.00	6.87	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-05

Tested By:

Li Xiongbin

Test Mode:

RX 11N20 MIMO 2412MHz Mode

Power Supply:

AC 230V/50Hz

Condition:

Temp:22.9°C;Humi:45.9%

Test Site:

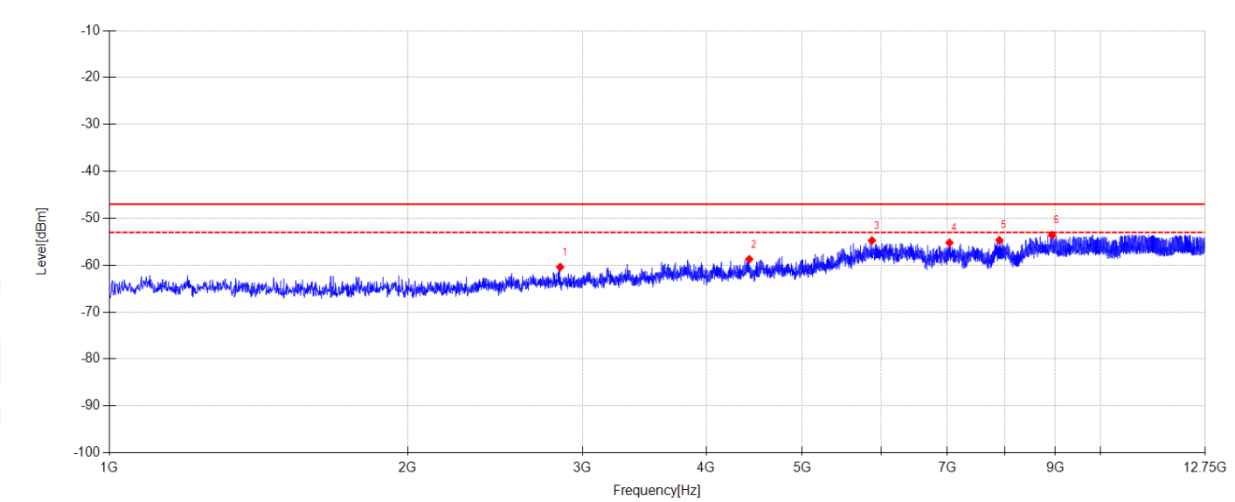
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25090923-2E\CE ABOVE 1G 2.4G\8

Memo:

Sample Number:S25090923-005



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	2849.450	42.49	-102.89	-60.40	-47.00	13.40	PK	Vertical	EIRP
2	4420.425	41.43	-100.16	-58.73	-47.00	11.73	PK	Vertical	EIRP
3	5877.425	39.91	-94.66	-54.75	-47.00	7.75	PK	Vertical	EIRP
4	7037.150	39.56	-94.78	-55.22	-47.00	8.22	PK	Vertical	EIRP
5	7903.125	38.53	-93.20	-54.67	-47.00	7.67	PK	Vertical	EIRP
6	8931.250	36.63	-90.21	-53.58	-47.00	6.58	PK	Vertical	EIRP

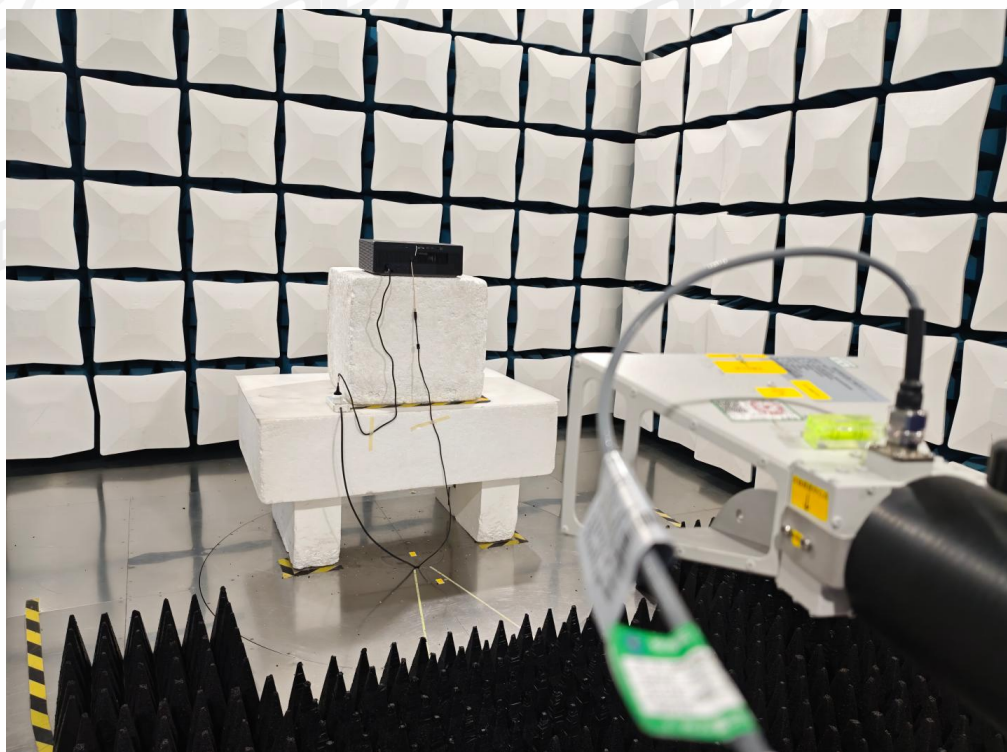
Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

12. Test Setup Photograph





13. Photos of the EUT

Please refer to DDT-Q25090923-1E appendix I

-----End Report-----