



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.	:	WM03M, WM03H
FCC ID	:	2AFENWM03M
IC	:	27045-WM03M
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart C, ANSI C63.10-2020, 662911 D01 Multiple Transmitter Output v02r01, RSS-247 Issue 4 July 24, 2025, RSS-Gen Issue 5, Apr. 2018, Amendment 2(February 2021), ANSI/USEMCSC C63.10-2020/Cor 1-2023, ANSI/USEMCSC C63.10a-2024
Report No.	:	DDT-RE25070114-1E03
Issue Date	:	2025/10/23
Issue 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.	:	WM03M, WM03H
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:

FCC Rules and Regulations Part 15 Subpart C,
ANSI C63.10-2020,
662911 D01 Multiple Transmitter Output v02r01,
RSS-247 Issue 4 July 24, 2025,
RSS-Gen Issue 5, Apr. 2018, Amendment 2 (February 2021),
ANSI/USEMCSC C63.10-2020/Cor 1-2023,
ANSI/USEMCSC C63.10a-2024

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-RE25070114-1E03		
Date of Receipt:	2025/07/15	Date of Test:	2025/07/15 - 2025/09/16

Created: Jacky Huang	Reviewed: Johnson Huang	Approved: Damon Hu
		
2025/09/16	2025/10/22	2025/10/23

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	2025/10/23	Damon Hu

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6 dB Bandwidth and 99% Bandwidth	FCC Part 15: 15.247(a)(2), RSS-247 Issue 4 clause 6.3.1, RSS-Gen Issue 5 clause 6.7	/	Pass
2	Peak Output Power	FCC Part 15: 15.247(b)(3), RSS-247 Issue 4 clause 6.3.2	/	Pass
3	Power Spectral Density	FCC Part 15:15.247(e), RSS-247 Issue 4 clause 6.3.1	/	Pass
4	RF Conducted Spurious Emissions	FCC Part 15: 15.247(d), RSS-247 Issue 4 clause 6.6	/	Pass
5	Radiated Emission	FCC Part 15: 15.205, FCC Part 15: 15.209, FCC Part 15: 15.247(d), RSS-247 Issue 4 clause 6.6 RSS-Gen Issue 5 clause 8.9, RSS-Gen Issue 5 clause 8.10	/	Pass
6	Band Edge Compliance	FCC Part 15: 15.205, FCC Part 15: 15.209, FCC Part 15: 15.247(d), RSS-247 Issue 4 clause 6.6, RSS-Gen Issue 5 clause 8.9, RSS-Gen Issue 5 clause 8.10	/	Pass
7	Antenna Requirement	FCC Part 15: 15.207(a), RSS-Gen Issue 5 clause 8.8	/	Pass
8	Power Line Conducted Emissions	FCC Part 15: 15.203, RSS-Gen Issue 5 clause 6.8	/	Pass
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	: WM03M, WM03H
Difference of model number	: The difference of the two models are model name and WM03H has a built-in battery, while WM03M does not have, so at the same time, there are differences in their PCBA and structural design related to the built-in battery. These difference does not influence RF performance, others is the same. The test model is WM03M.
EUT Function Description	: Please reference user manual of this device
Power Supply	: Adapter: Input: AC 100-240V, 50/60Hz, Output: DC 19.0V/3.42A
Antenna Type	: ANT1: Dipole antenna : ANT2: PIFA antenna
Max Antenna Gain (dBi)	: ANT1: 0.85 : ANT2: 2.99

Radio Technology	: IEEE 802.11b/g/n
Operation frequency	: IEEE 802.11b: 2412MHz to 2462MHz : IEEE 802.11g: 2412MHz to 2462MHz : IEEE 802.11n HT20: 2412MHz to 2462MHz : IEEE 802.11n HT40: 2422MHz to 2452MHz
Modulation	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) : IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) : IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)

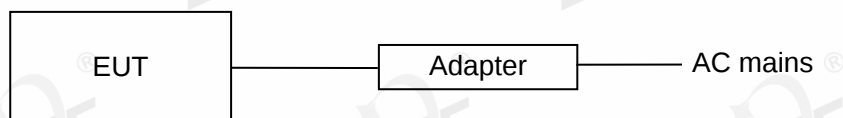
Channel information					
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447	/	/

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
AC ADAPTER	Mass Power Electronics Inc.	S065-1B190342VU-V	INPUT: 100-240V~,50/60Hz 1.5A OUTPUT: DC 19.0V/3.42A
Remote control	/	/	/

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: QATool_Dbg.exe

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

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

Tested mode, Tx Power Setting, Data rate, Channel, and Frequency					
Tested mode	Tx Power Setting		Data rate (Mbps) (see Note)	Test Channel	Frequency (MHz)
	ANT1	ANT2			
IEEE 802.11b	18		1	LCH: CH1	2412
			1	MCH: CH6	2437
			1	HCH: CH11	2462
IEEE 802.11g	18		6	LCH: CH1	2412
			6	MCH: CH6	2437
			6	HCH: CH11	2462
IEEE 802.11n HT20	18		MCS 8	LCH: CH1	2412
			MCS 8	MCH: CH6	2437
			MCS 8	HCH: CH11	2462
IEEE 802.11n HT40	10		MCS 8	LCH: CH3	2422
			MCS 8	MCH: CH6	2437
			MCS 8	HCH: CH9	2452
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.					

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

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

Temperature range:	+15°C to +35 °C
Humidity range:	20% to 75%
Pressure range:	86 kPa to 106 kPa

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

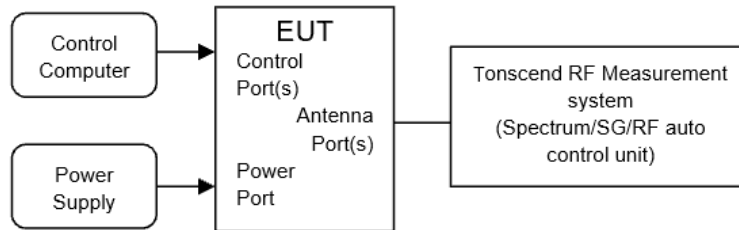
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB (10 MHz $\leq$ f < 3.6 GHz);
	1.38 dB (3.6 GHz $\leq$ f < 8 GHz)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB (10 MHz $\leq$ f < 3.6 GHz);
	1.38 dB (3.6 GHz $\leq$ f < 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	Ver.3.2.22	N/A	N/A

4. 6dB Bandwidth

4.1. Block diagram of test setup



4.2. Limits

For direct sequence systems, the minimum 6 dB bandwidth shall be at least 500 kHz

4.3. Test procedure

- (1) The test according to ANSI C63.10-2020 clause 11.8.
- (2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results
- (3) Set the EUT as maximum power setting and enable the EUT transmit continuously
- (4) Use the following spectrum analyzer settings for 6 dB Bandwidth:

RBW: 100 kHz

VBW: $\geq [3 \times \text{RBW}]$

Detector Mode: peak

Sweep time: auto

Trace mode: max hold

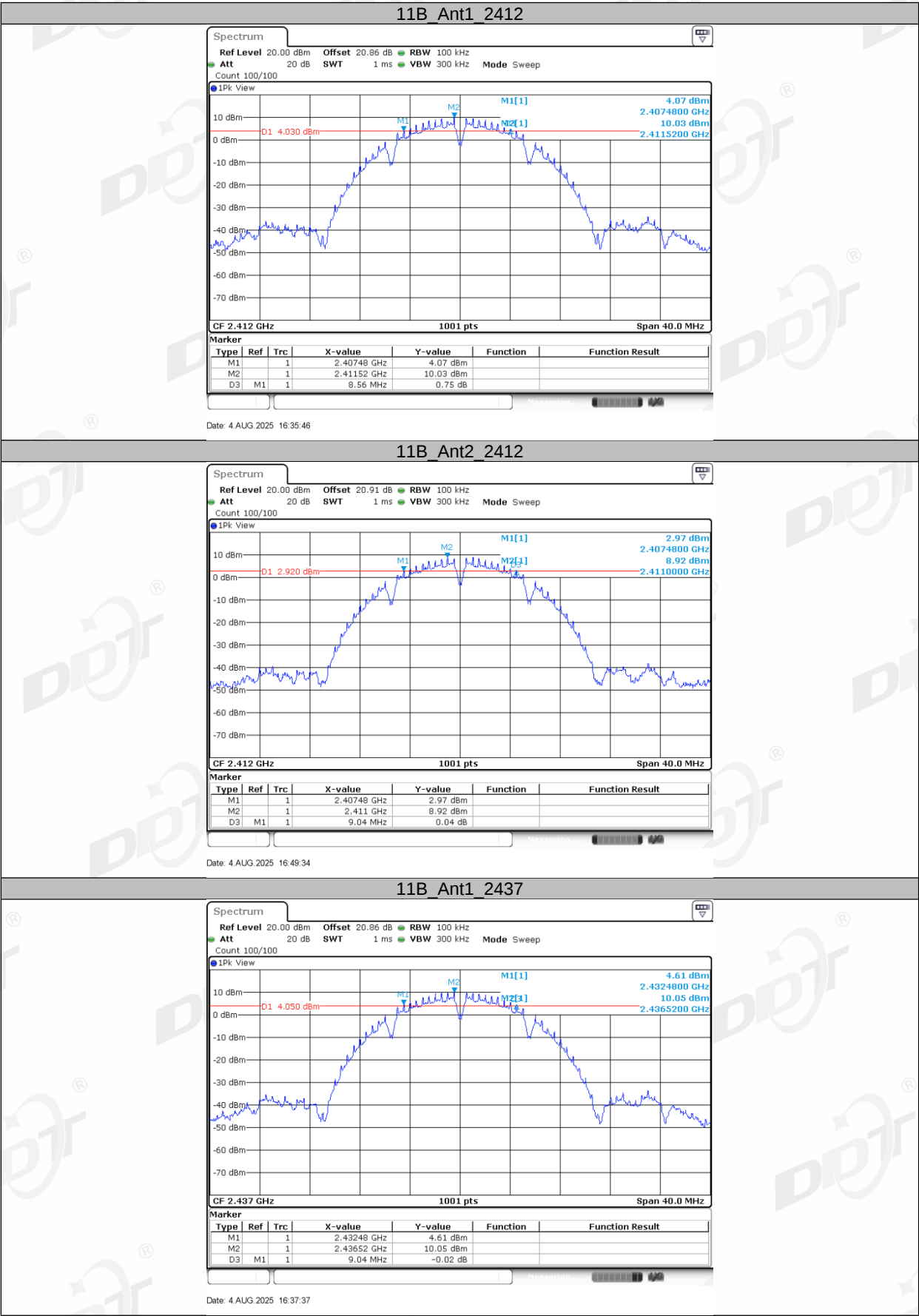
- (5) Allow the trace to stabilize, measure the 6 dB bandwidth of signal, and record the results in the report.

4.4. Test result

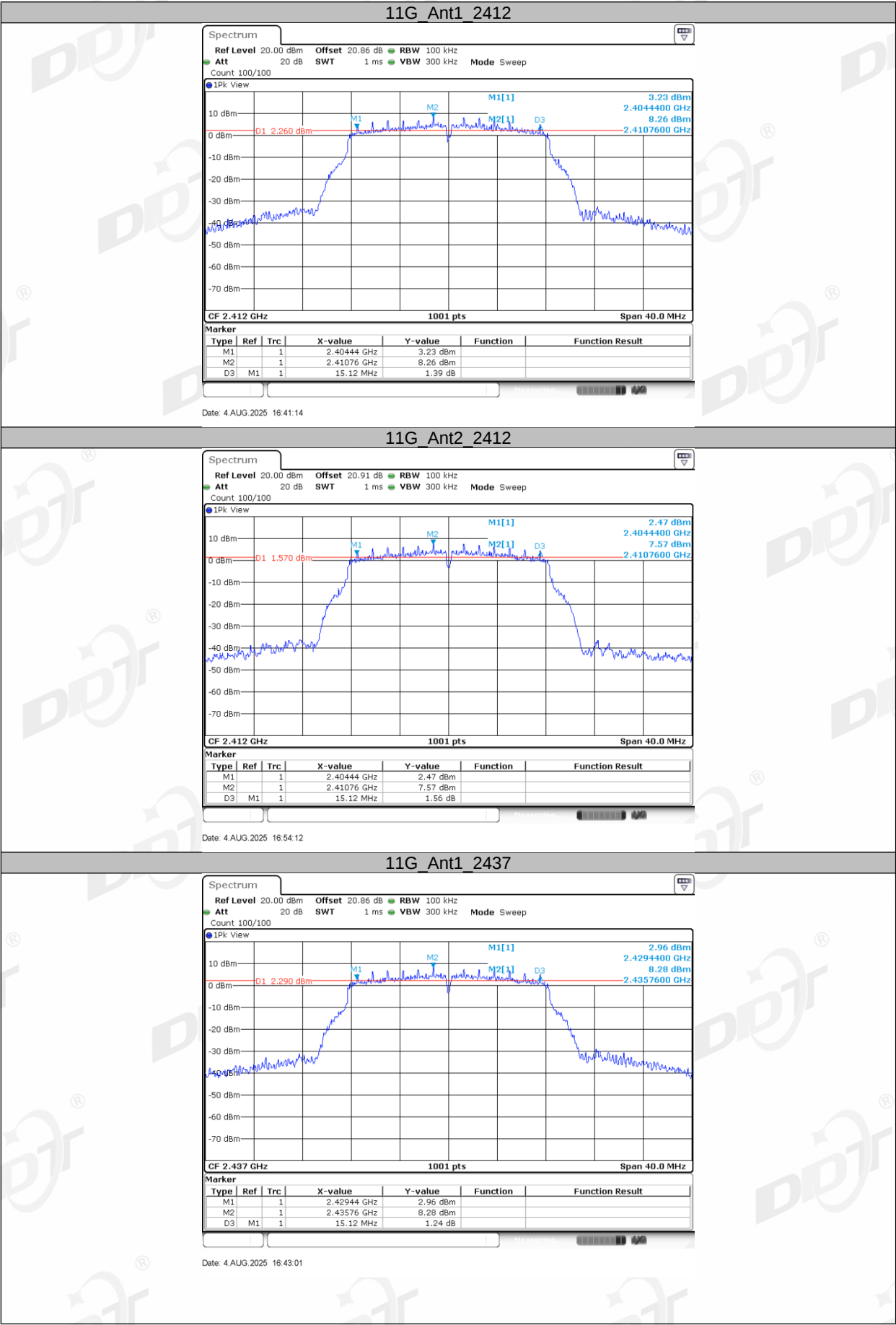
Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.4-26.5℃, 39.5-44.5%RH	Test Date:	2025.08.04-2025.08.26
Test Power Supply:	AC 120V	Sample Number:	S25070114-001

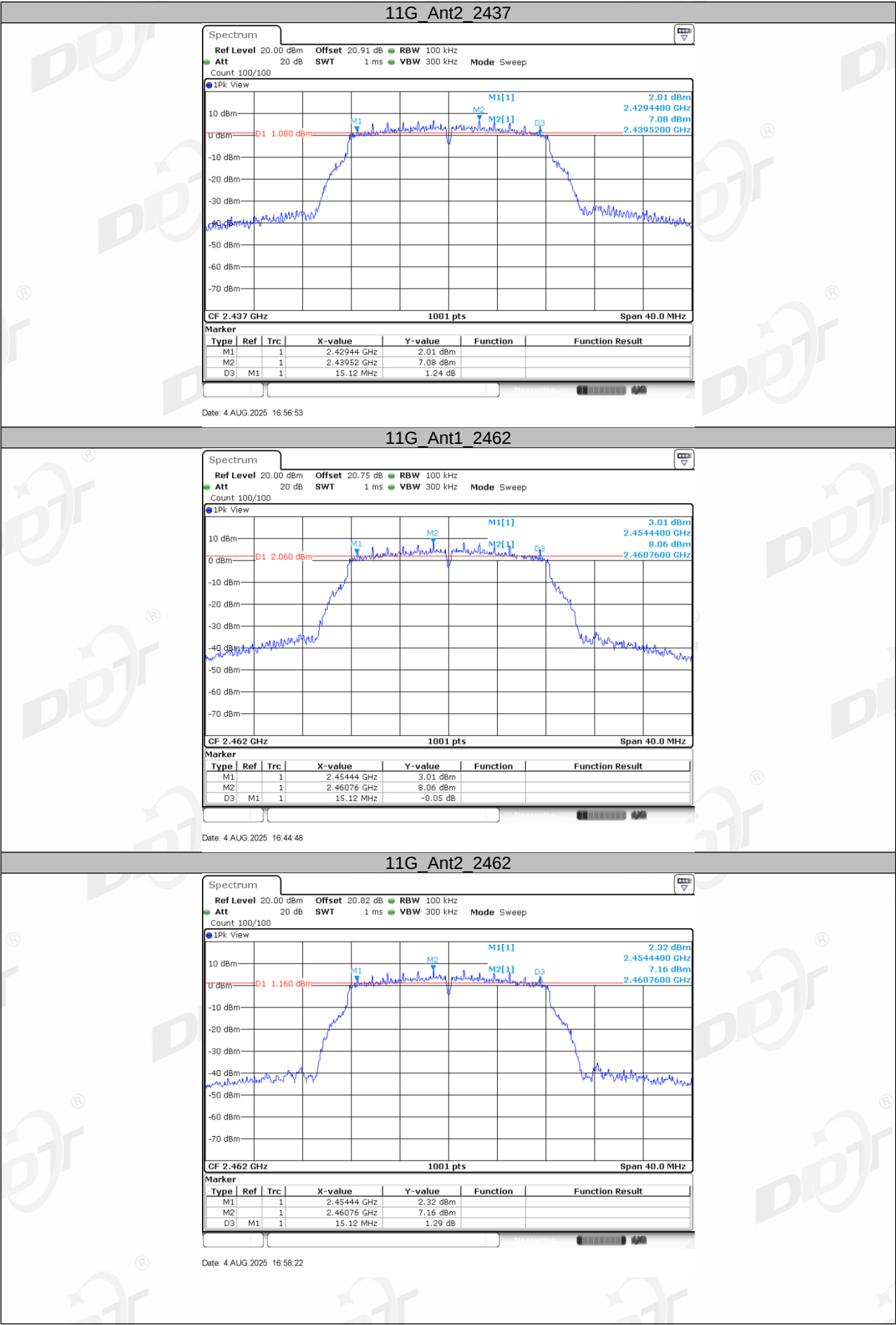
Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	8.56	2407.48	2416.04	0.5	PASS
	Ant2	2412	9.04	2407.48	2416.52	0.5	PASS
	Ant1	2437	9.04	2432.48	2441.52	0.5	PASS
	Ant2	2437	9.00	2432.52	2441.52	0.5	PASS
	Ant1	2462	8.56	2457.48	2466.04	0.5	PASS
	Ant2	2462	8.08	2457.96	2466.04	0.5	PASS
11G	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant1	2462	15.12	2454.44	2469.56	0.5	PASS
	Ant2	2462	15.12	2454.44	2469.56	0.5	PASS
11N20MIMO	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant1	2462	15.12	2454.44	2469.56	0.5	PASS
	Ant2	2462	16.32	2453.84	2470.16	0.5	PASS
11N40MIMO	Ant1	2422	35.12	2404.48	2439.60	0.5	PASS
	Ant2	2422	35.12	2404.48	2439.60	0.5	PASS
	Ant1	2437	35.12	2419.48	2454.60	0.5	PASS
	Ant2	2437	35.04	2419.48	2454.52	0.5	PASS
	Ant1	2452	35.12	2434.48	2469.60	0.5	PASS
	Ant2	2452	35.12	2434.48	2469.60	0.5	PASS

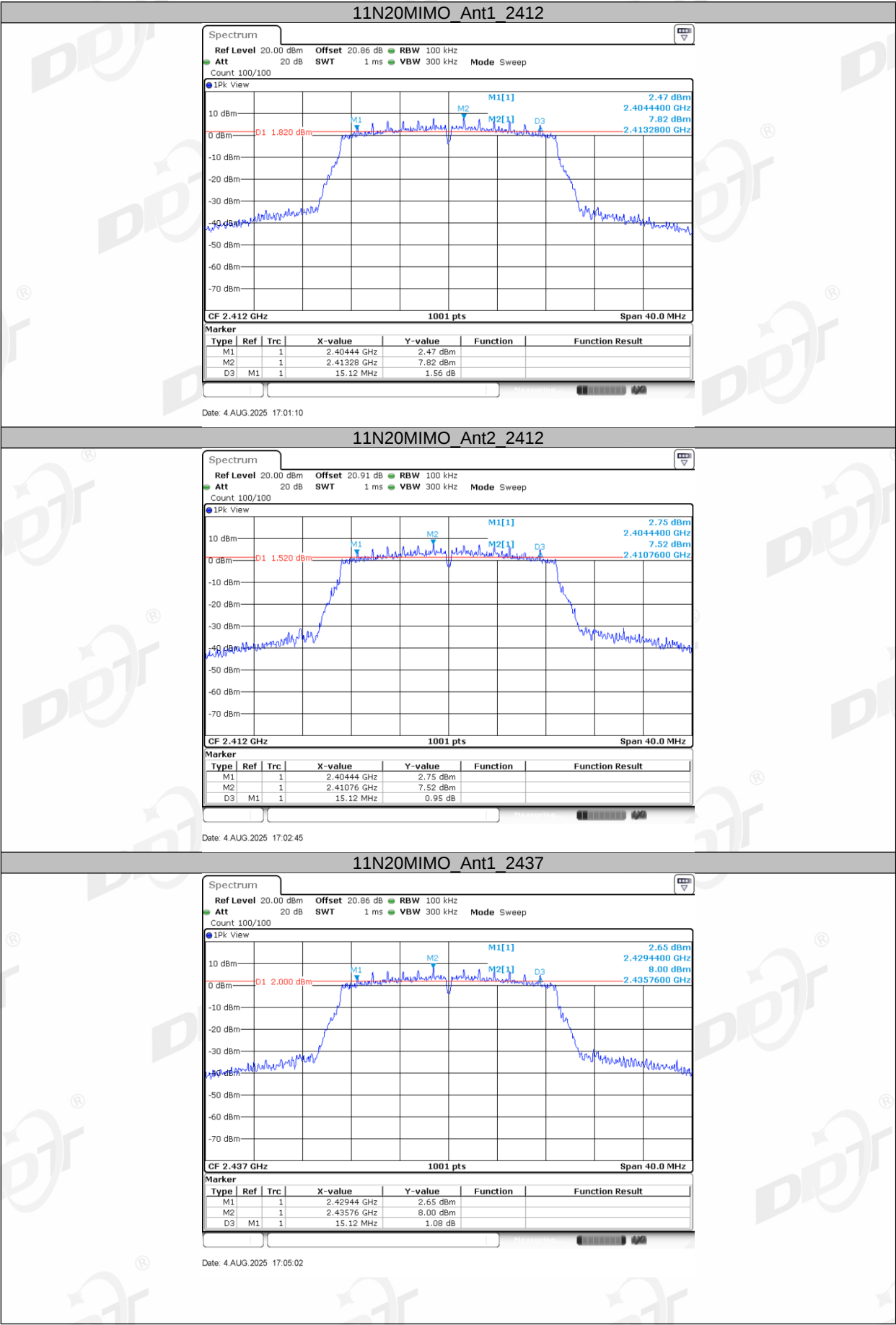
4.5. Test graphs

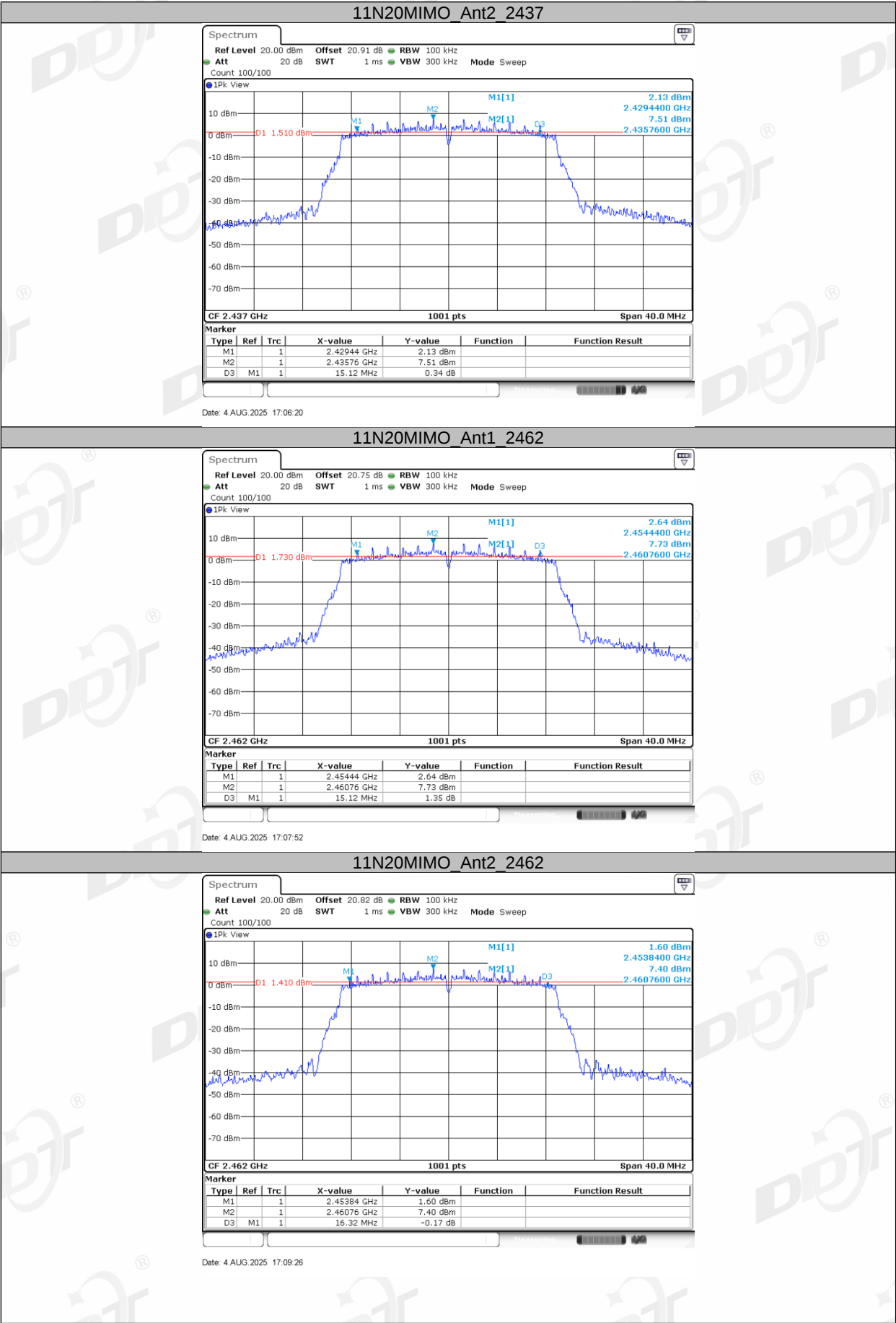


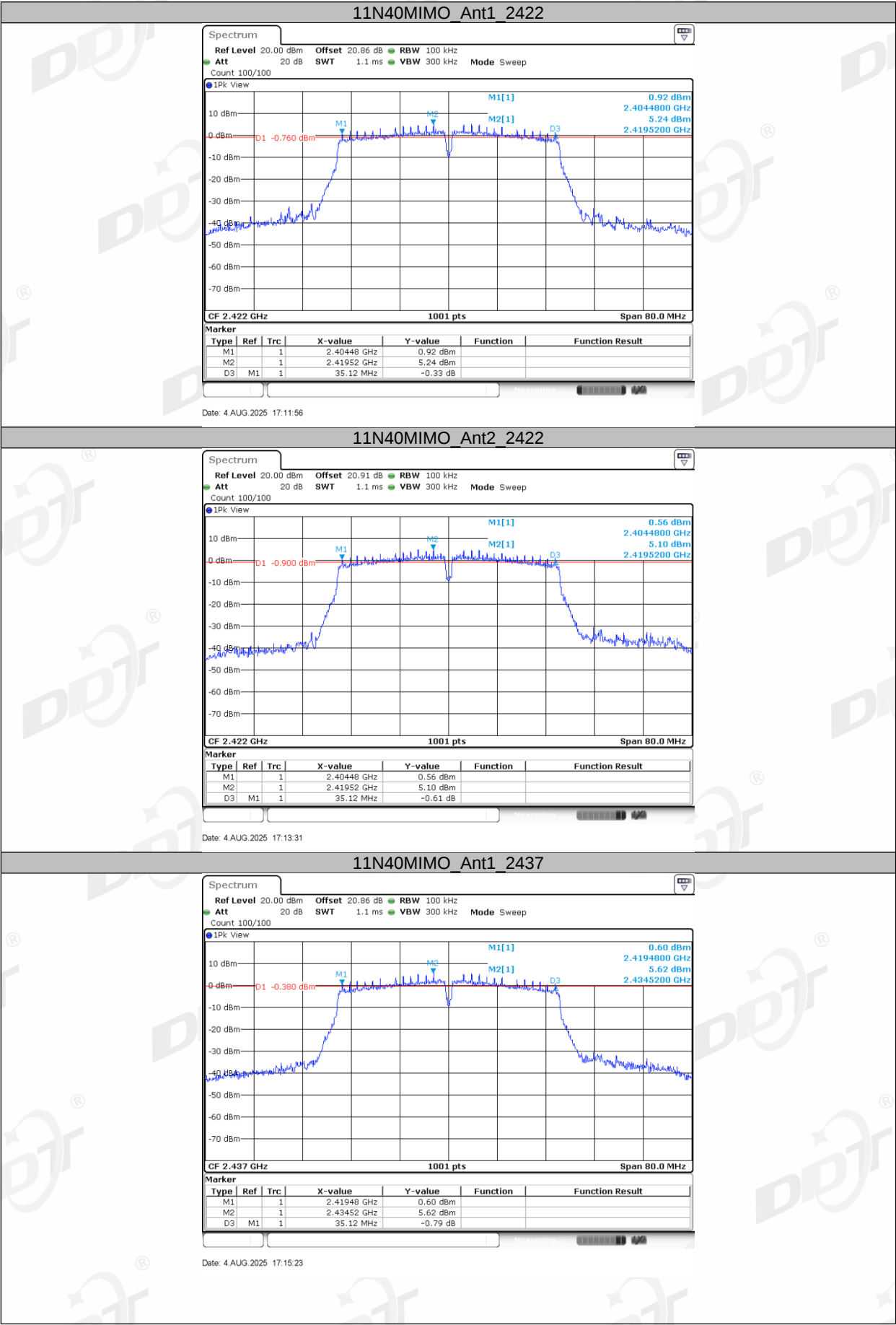


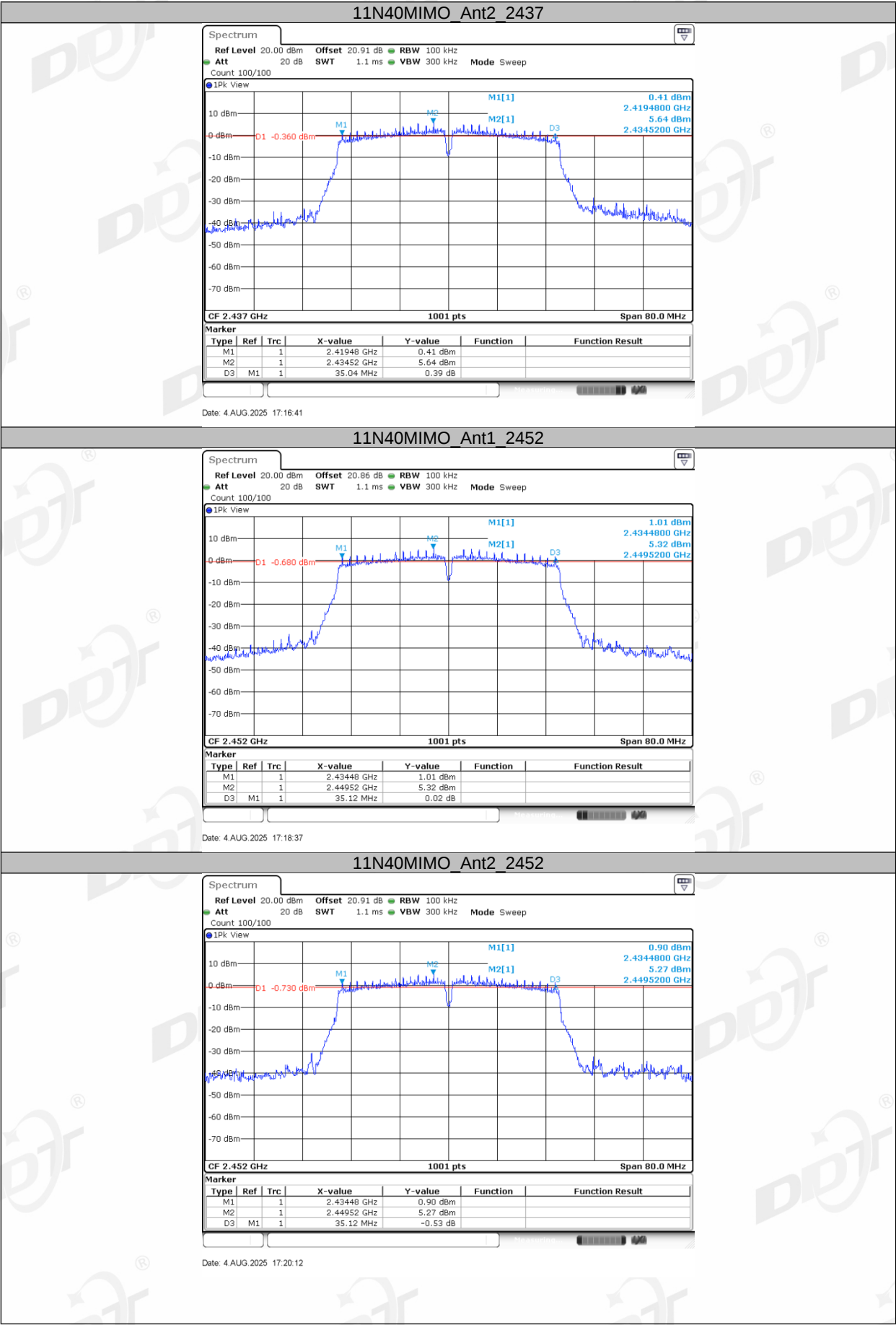






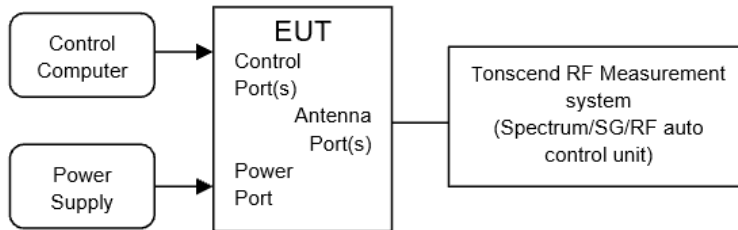






5. 99% Bandwidth

5.1. Block diagram of test setup



5.2. Limits

Just for Report.

5.3. Test procedure

- (1) The test according to ANSI C63.10-2020 clause 6.9.3.
- (2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results
- (3) Set the EUT as maximum power setting and enable the EUT transmit continuously
- (4) Use the following spectrum analyzer settings for the 99% Bandwidth:

RBW:	1% to 5% of the OBW
VBW:	approximately three times RBW
Span:	between 1.5 times and 5.0 times the OBW
Detector Mode:	peak
Sweep time:	auto
Trace mode:	max hold

- (5) Allow the trace to stabilize, measure the 99% bandwidth of signal, and record the results in the report.

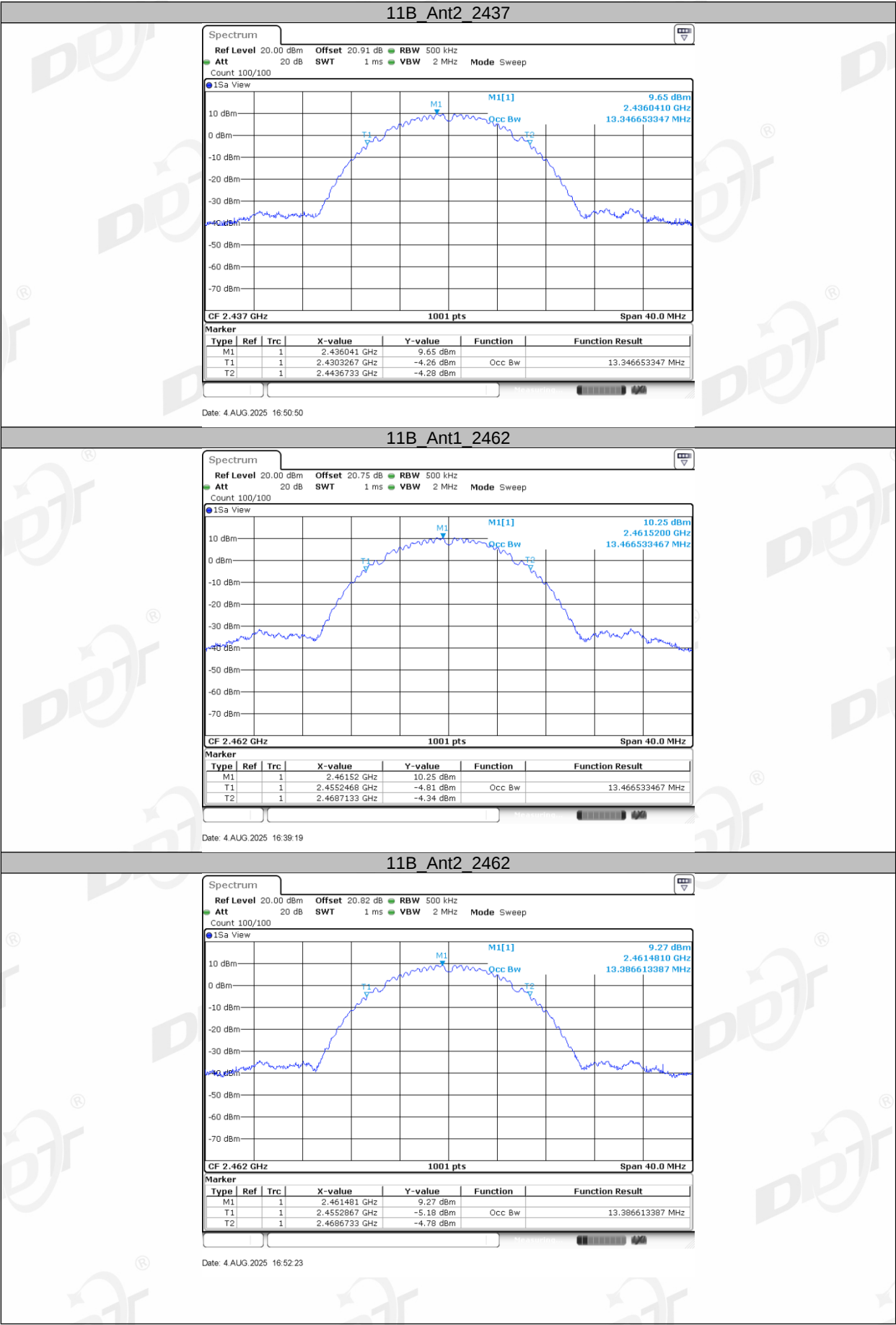
5.4. Test result

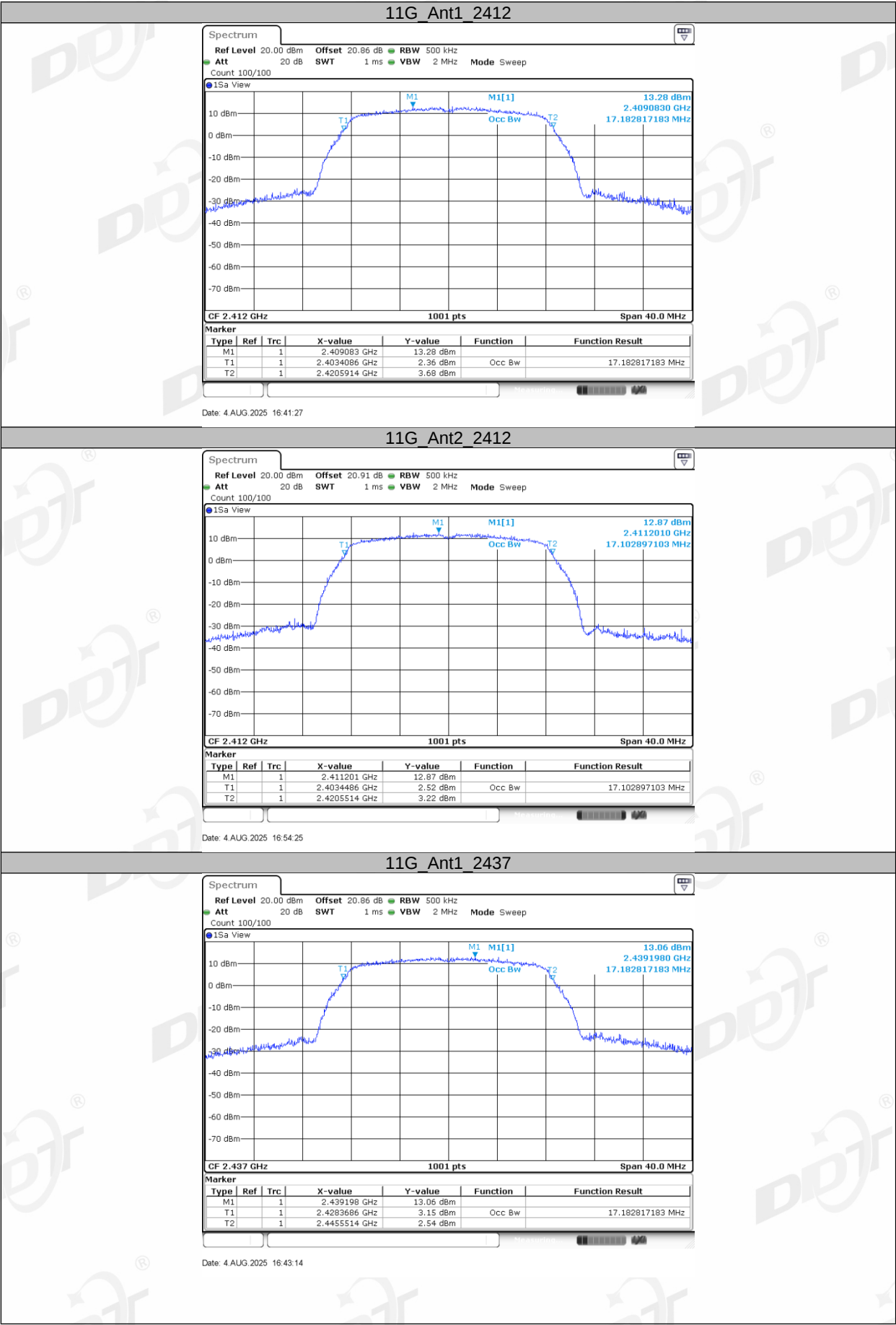
Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.4-26.5℃, 39.5-44.5%RH	Test Date:	2025.08.04-2025.08.26
Test Power Supply:	AC 120V	Sample Number:	S25070114-001

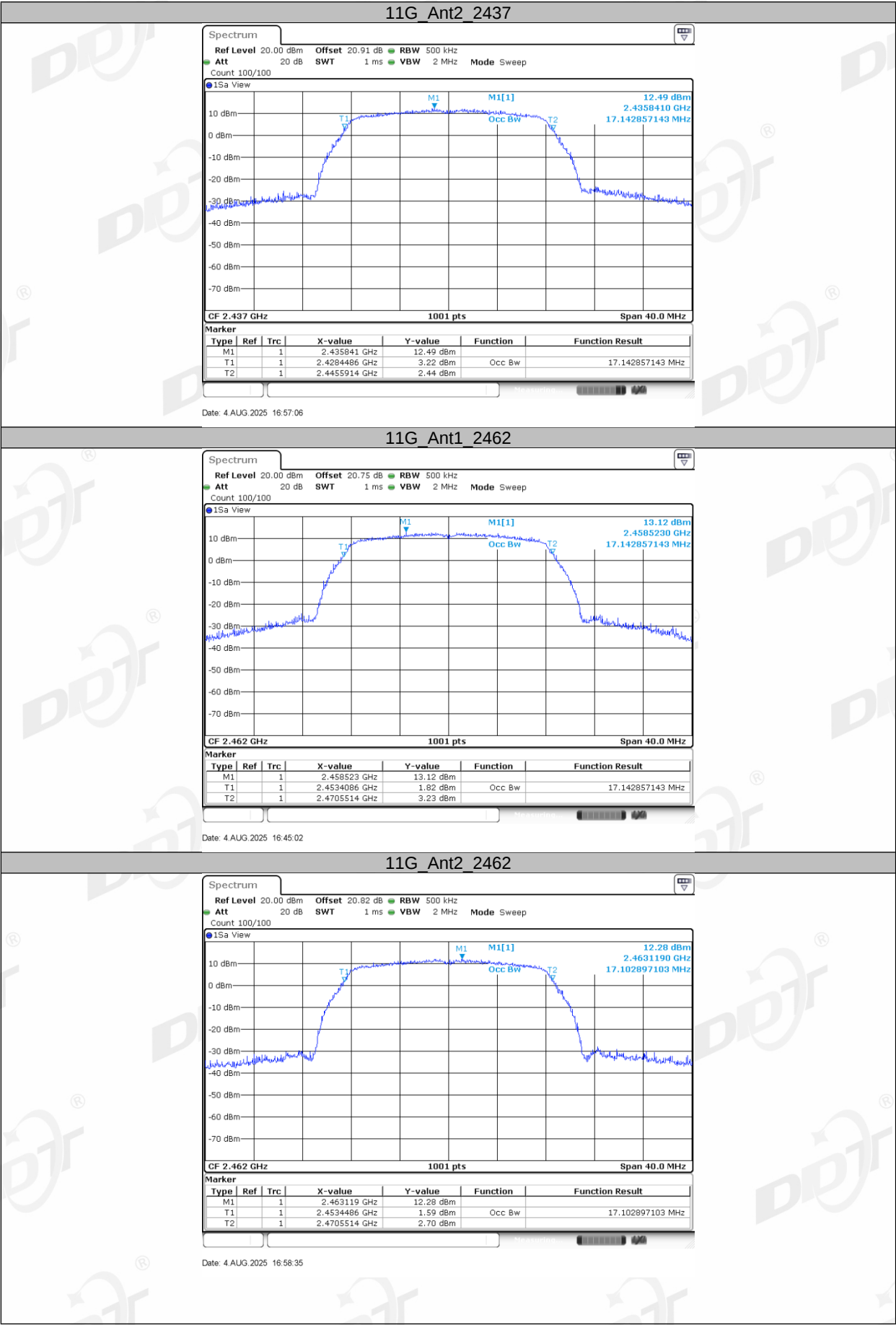
Test Mode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.467	2405.2468	2418.7133	---	---
	Ant2	2412	13.387	2405.3267	2418.7133	---	---
	Ant1	2437	13.467	2430.2468	2443.7133	---	---
	Ant2	2437	13.347	2430.3267	2443.6733	---	---
	Ant1	2462	13.467	2455.2468	2468.7133	---	---
	Ant2	2462	13.387	2455.2867	2468.6733	---	---
11G	Ant1	2412	17.183	2403.4086	2420.5914	---	---
	Ant2	2412	17.103	2403.4486	2420.5514	---	---
	Ant1	2437	17.183	2428.3686	2445.5514	---	---
	Ant2	2437	17.143	2428.4486	2445.5914	---	---
	Ant1	2462	17.143	2453.4086	2470.5514	---	---
	Ant2	2462	17.103	2453.4486	2470.5514	---	---
11N20MIMO	Ant1	2412	17.982	2403.0090	2420.9910	---	---
	Ant2	2412	17.742	2403.1289	2420.8711	---	---
	Ant1	2437	18.022	2427.9690	2445.9910	---	---
	Ant2	2437	17.782	2428.0889	2445.8711	---	---
	Ant1	2462	18.062	2452.9690	2471.0310	---	---
	Ant2	2462	17.742	2453.1289	2470.8711	---	---
11N40MIMO	Ant1	2422	36.284	2403.8581	2440.1419	---	---
	Ant2	2422	36.204	2403.9381	2440.1419	---	---
	Ant1	2437	36.284	2418.8581	2455.1419	---	---
	Ant2	2437	36.124	2418.9381	2455.0619	---	---
	Ant1	2452	36.284	2433.8581	2470.1419	---	---
	Ant2	2452	36.204	2433.8581	2470.0619	---	---

5.5. Test graphs

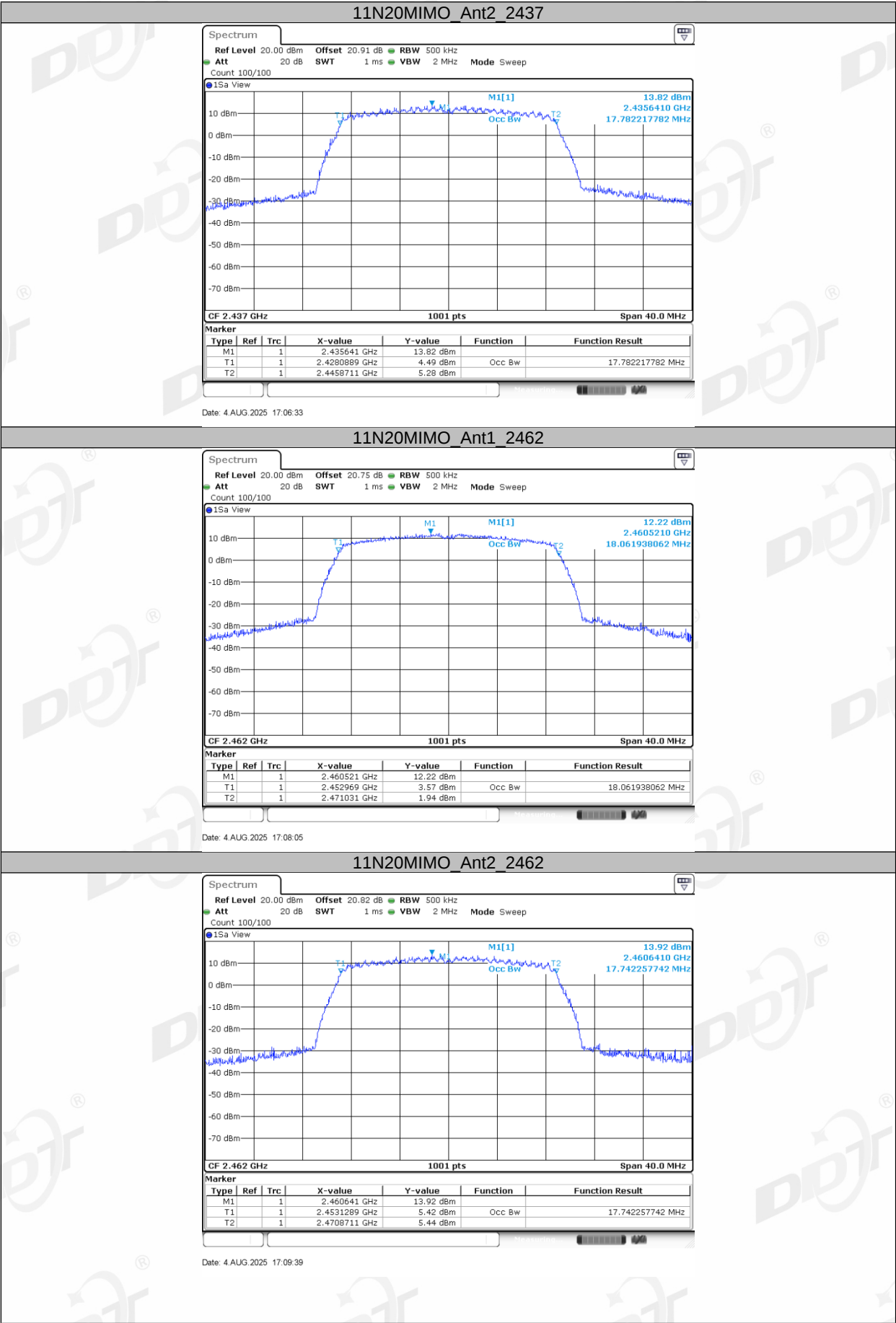


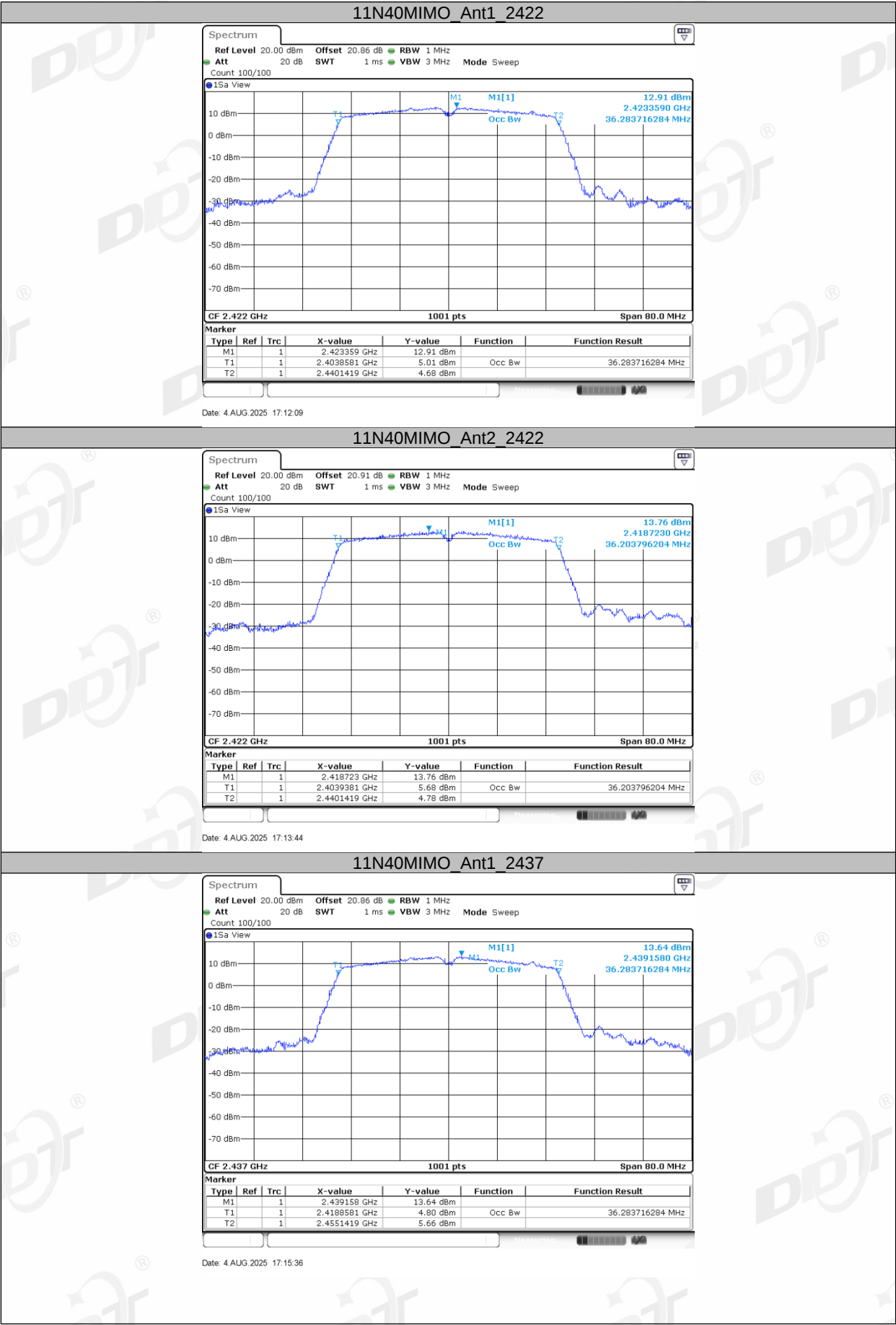


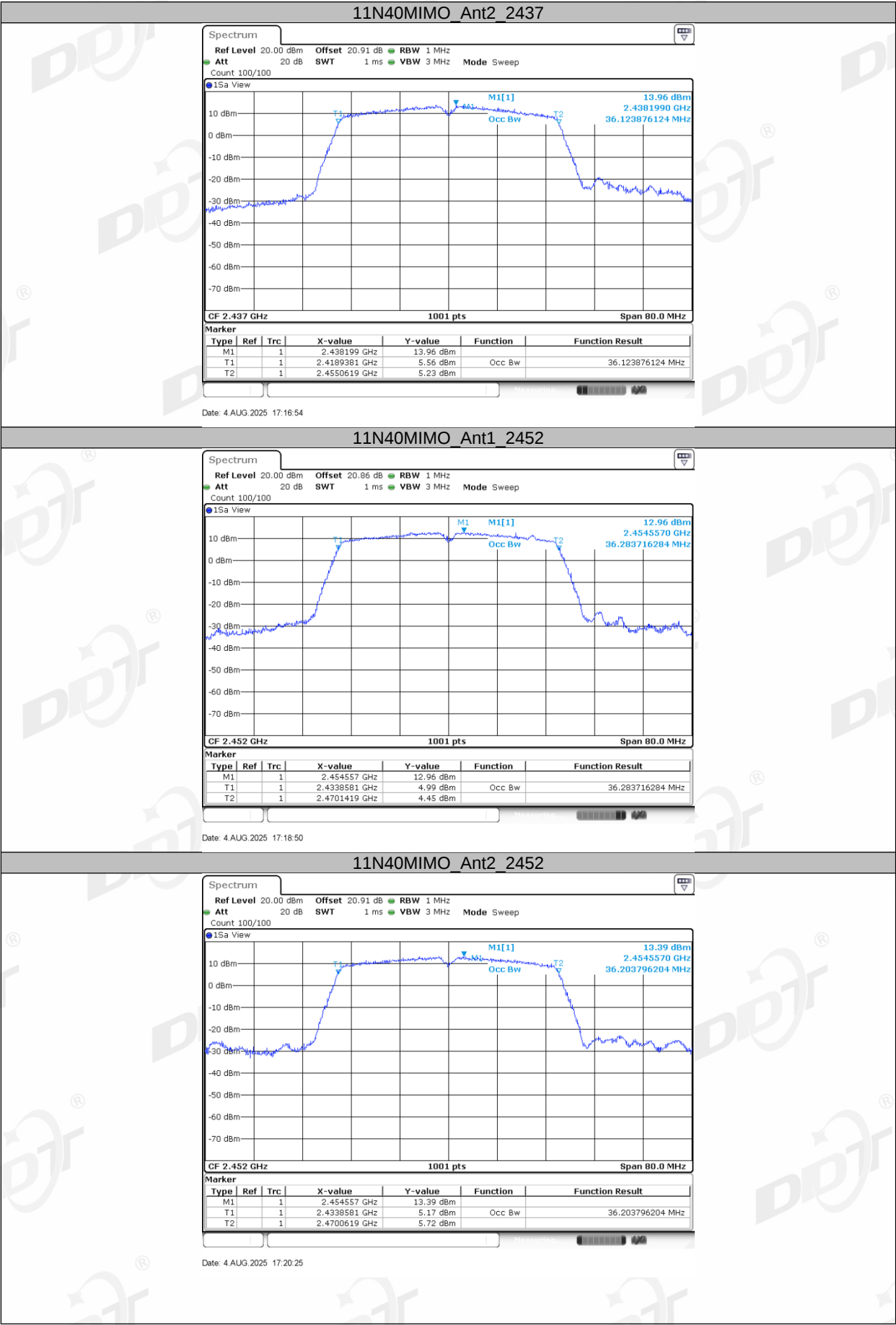






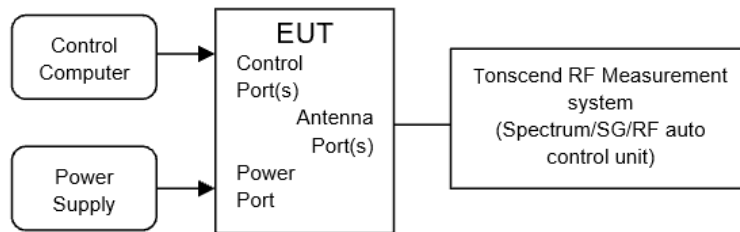






6. Conducted Output Power

6.1. Block diagram of test setup



6.2. Limits

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

6.3. Test procedure

- (1) The test according to ANSI C63.10-2020 clause 11.9.2.3.
- (2) Connect EUT's antenna output to RF power meter by RF cable, the path loss was compensated to the results.
- (3) Set the EUT as maximum power setting and enable the EUT transmit continuously, If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal.
- (4) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- (5) Adjust the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle.
- (6) Record the RF average power of each antenna port.

6.4. Test result average

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.4-26.3℃,39.2-44.2%RH	Test Date:	2025.08.04-2025.09.16
Test Power Supply:	AC 120V	Sample Number:	S25070114-001

Test Mode	Antenna	Frequency [MHz]	Conducted power [dBm]	Duty Cycle [%]	Correction DC Factor [dB]	AV Power Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	12.51	99.52	0	12.51	≤30.00	13.38	≤36.00	PASS
	Ant2	2412	12.32	99.64	0	12.32	≤30.00	13.19	≤36.00	PASS
	Ant1	2437	12.66	99.41	0	12.66	≤30.00	13.54	≤36.00	PASS
	Ant2	2437	12.75	99.53	0	12.75	≤30.00	13.62	≤36.00	PASS
	Ant1	2462	12.45	99.53	0	12.45	≤30.00	13.32	≤36.00	PASS
	Ant2	2462	12.46	99.53	0	12.46	≤30.00	13.33	≤36.00	PASS
11G	Ant1	2412	12.78	97.20	0.12	12.90	≤30.00	13.75	≤36.00	PASS
	Ant2	2412	12.34	96.53	0.15	12.49	≤30.00	13.34	≤36.00	PASS
	Ant1	2437	12.68	96.53	0.15	12.83	≤30.00	13.68	≤36.00	PASS
	Ant2	2437	12.20	97.20	0.12	12.32	≤30.00	13.17	≤36.00	PASS
	Ant1	2462	12.67	97.22	0.12	12.79	≤30.00	13.64	≤36.00	PASS
	Ant2	2462	12.10	96.53	0.15	12.25	≤30.00	13.1	≤36.00	PASS
11N20MIMO	Ant1	2412	12.52	93.06	0.31	12.83	≤30.00	13.68	≤36.00	PASS
	Ant2	2412	12.11	93.06	0.31	12.42	≤30.00	13.27	≤36.00	PASS
	total	2412	---	---	---	15.64	≤30.00	16.49	≤36.00	PASS
	Ant1	2437	12.48	94.37	0.25	12.73	≤30.00	13.58	≤36.00	PASS
	Ant2	2437	11.72	94.37	0.25	11.97	≤30.00	12.82	≤36.00	PASS
	total	2437	---	---	---	15.38	≤30.00	16.23	≤36.00	PASS
	Ant1	2462	12.39	93.06	0.31	12.70	≤30.00	13.55	≤36.00	PASS
	Ant2	2462	11.70	94.37	0.25	11.95	≤30.00	12.8	≤36.00	PASS
	total	2462	---	---	---	15.35	≤30.00	16.2	≤36.00	PASS

11N40MIMO	Ant1	2422	8.60	87.18	0.60	9.20	≤30.00	10.05	≤36.00	PASS
	Ant2	2422	8.51	89.74	0.47	8.98	≤30.00	9.83	≤36.00	PASS
	total	2422	---	---	---	12.10	≤30.00	12.95	≤36.00	PASS
	Ant1	2437	8.81	87.18	0.60	9.41	≤30.00	10.26	≤36.00	PASS
	Ant2	2437	8.57	89.74	0.47	9.04	≤30.00	9.89	≤36.00	PASS
	total	2437	---	---	---	12.24	≤30.00	13.09	≤36.00	PASS
	Ant1	2452	8.78	87.18	0.60	9.38	≤30.00	10.23	≤36.00	PASS
	Ant2	2452	8.67	89.74	0.47	9.14	≤30.00	9.99	≤36.00	PASS
	total	2452	---	---	---	12.27	≤30.00	13.12	≤36.00	PASS

Note:

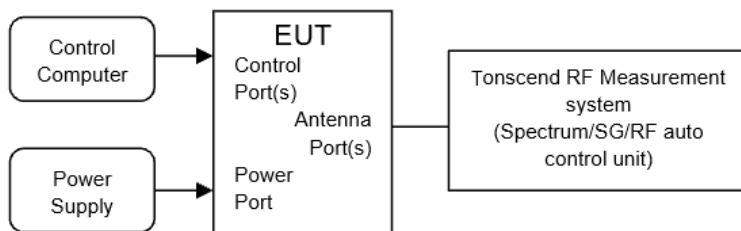
AV Power(dBm)= Conducted Output Power (dBm)+Duty Cycle factor (dB)

EIRP (dBm)=AV Power (dBm)+ Antenna Gain (dBi)

DC Factor is Duty Cycle factor, =[10*log(1/duty cycle)]

7. Power Spectral Density

7.1. Block diagram of test setup



7.2. Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.3. Test procedure

- (1) The test according to ANSI C63.10-2020 clause 11.10.5.
- (2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
- (3) Set the EUT as maximum power setting and enable the EUT transmit continuously.
- (4) Use the following spectrum analyzer settings for Power Spectral Density measurement:

Center frequency: DTS Channel center frequency

RBW: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$

VBW: $\geq 3\text{RBW}$

Span: 1.5 times the DTS bandwidth

Detector Mode: RMS

Sweep time: auto

Trace mode: max hold

Trace: Employ trace averaging (rms) mode over a minimum of 100 traces.

- (5) Add $[10 \log (1 / D)]$, where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
- (6) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

7.4. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#		
Ambient Condition:	25.4-26.3℃,39.2-44.2%RH	Test Date:	2025.08.04-2025.09.16		
Test Power Supply:	AC 120V	Sample Number:	S25070114-001		

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-18.98	≤8.00	PASS
	Ant2	2412	-19.10	≤8.00	PASS
	Ant1	2437	-18.80	≤8.00	PASS
	Ant2	2437	-18.65	≤8.00	PASS
	Ant1	2462	-19.07	≤8.00	PASS
	Ant2	2462	-19.31	≤8.00	PASS
11G	Ant1	2412	-19.65	≤8.00	PASS
	Ant2	2412	-19.66	≤8.00	PASS
	Ant1	2437	-20.74	≤8.00	PASS
	Ant2	2437	-21.34	≤8.00	PASS
	Ant1	2462	-19.70	≤8.00	PASS
	Ant2	2462	-20.44	≤8.00	PASS
11N20MIMO	Ant1	2412	-19.01	≤8.00	PASS
	Ant2	2412	-18.81	≤8.00	PASS
	total	2412	-15.90	≤8.00	PASS
	Ant1	2437	-20.36	≤8.00	PASS
	Ant2	2437	-20.33	≤8.00	PASS
	total	2437	-17.33	≤8.00	PASS
	Ant1	2462	-18.88	≤8.00	PASS
	Ant2	2462	-19.65	≤8.00	PASS
	total	2462	-16.24	≤8.00	PASS

11N40MIMO	Ant1	2422	-24.48	≤8.00	PASS
	Ant2	2422	-25.18	≤8.00	PASS
	total	2422	-21.81	≤8.00	PASS
	Ant1	2437	-24.87	≤8.00	PASS
	Ant2	2437	-25.60	≤8.00	PASS
	total	2437	-22.21	≤8.00	PASS
	Ant1	2452	-24.60	≤8.00	PASS
	Ant2	2452	-24.79	≤8.00	PASS
	total	2452	-21.68	≤8.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

7.5. Test graphs

