



RADIO TEST REPORT

Applicant	:	SELVAS Healthcare, Inc.
Address of Applicant	:	155, Sinseong-ro, Yuseong-gu, Daejeon, Republic of Korea
Manufacturer	:	SELVAS Healthcare, Inc.
Address of Manufacturer	:	155, Sinseong-ro, Yuseong-gu, Daejeon, Republic of Korea
Equipment under Test	:	BrailleSense 7-40
Model No.	:	H740B
FCC ID	:	2AL4D-H740B
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart C, ANSI C63.10-2020+Cor.1-2023
Report No.	:	DDT-RE26040120-5E07
Issue Date	:	2026/09/02
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	:	SELVAS Healthcare, Inc.
Address of Applicant	:	155, Sinseong-ro, Yuseong-gu, Daejeon, Republic of Korea
Equipment under Test	:	BrailleSense 7-40
Model No.	:	H740B
Manufacturer	:	SELVAS Healthcare, Inc.
Address of Manufacturer	:	155, Sinseong-ro, Yuseong-gu, Daejeon, Republic of Korea

Test Standard Used:
FCC Rules and Regulations Part 15 Subpart C,
ANSI C63.10-2020+Cor.1-2023

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-RE26040120-5E07		
Date of Receipt:	2026/06/04	Date of Test:	2026/06/04 - 2026/08/12

Created: Johnson Huang	Reviewed: Tiger Mo	Approved: Ella Gong
		
2026/08/12	2026/09/02	2026/09/02

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	2026/09/02	Ella Gong

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6 dB Bandwidth and 99% Bandwidth	47 CFR Part 15 15.247(a)(2)	/	Pass
2	Peak Output Power	47 CFR Part 15 15.247(b)(3)	/	Pass
3	Power Spectral Density	47 CFR Part 15 15.247(e)	/	Pass
4	RF Conducted Spurious Emissions	47 CFR Part 15 15.247(d)	/	Pass
5	Radiated Emission	47 CFR Part 15 15.205, 47 CFR Part 15 15.209, 47 CFR Part 15 15.247(d)	/	Pass
6	Band Edge Compliance	47 CFR Part 15 15.205, 47 CFR Part 15 15.209, 47 CFR Part 15 15.247(d)	/	Pass
7	Power Line Conducted Emissions	47 CFR Part 15 15.207(a)	/	Pass
8	Antenna Requirement	47 CFR Part 15 15.203	/	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	: BrailleSense 7-40
Model Number	: H740B
Difference of model number	: /
EUT Function Description	: Please reference user manual of this device
Power Supply	: Powered by DC 5V external adapter or built-in battery.
Antenna Type	: FPC
Max Antenna Gain(dBi)	: Ant1: 1.82dBi, Ant2:1.17dBi

Radio Technology	: IEEE 802.11b/g/n
Operation frequency	: IEEE 802.11b: 2412MHz to 2462MHz IEEE 802.11g: 2412MHz to 2462MHz IEEE 802.11n20: 2412MHz to 2462MHz IEEE 802.11n40: 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.

“☑” means to be chosen or applicable; “☐” means don't to be chosen or not applicable; This note applies to entire report.

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: EngineerMode.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: 0.5dB (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	13	13	1	LCH: CH1	2412
	13	13	1	MCH: CH6	2437
	13	13	1	HCH: CH11	2462
IEEE 802.11g	11.5	11.5	6	LCH: CH1	2412
	11.5	11.5	6	MCH: CH6	2437
	11.5	11.5	6	HCH: CH11	2462
IEEE 802.11n HT20	11.5	11.5	MCS 8	LCH: CH1	2412
	11.5	11.5	MCS 8	MCH: CH6	2437
	11.5	11.5	MCS 8	HCH: CH11	2462
IEEE 802.11n HT40	11.5	11.5	MCS 8	LCH: CH3	2422
	11.5	11.5	MCS 8	MCH: CH6	2437
	11.5	11.5	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 to106 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

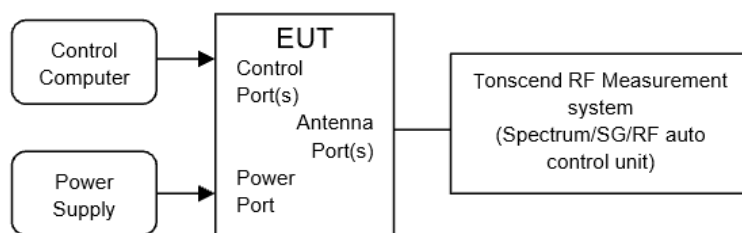
Test Item	Uncertainty
Bandwidth	1.9%
Peak Output Power (Conducted) (Spectrum analyzer)	0.98 dB
Peak Output Power (Conducted) (Power Sensor)	1.18 dB
Power Spectral Density (Base EIRP)	1.51 dB
Power Spectral Density (Spectrum analyzer)	0.98 dB
Frequencies Stability	1.9 kHz
Conducted spurious emissions	1.21 dB ($9 \text{ kHz} \leq f < 7 \text{ GHz}$);
	3.31 dB ($7 \text{ GHz} \leq f < 40 \text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	5.5×10^{-8}
Time	0.11%
Temperature	0.3 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.28 dB (Antenna Polarize: V)
	4.14 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.22 dB (1 - 6 GHz)
	4.52 dB (6 GHz - 18 GHz)
	4.58 dB (18 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.32dB (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
☑RF Connected Test (RF Measurement System 5#)				
Spectrum Analyzer	R&S	FSV40-N	101903	2027/02/27
Wideband Radio Communication Tester	R&S	CMW500	132871	2027/01/15
EXG Vector Generator	Agilent	N5172B	MY53051914	2027/01/06
MXG Vector Signal Generator	Agilent	N5173B	MY62220219	2027/03/18
RF Control Unit	Tonscend	JS0806-2	23180620727	2027/03/17
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2027/02/27
Test Software	Tonscend	JS1120-3	V3.6.21	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 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

Allow the trace to stabilize, measure the 6 dB bandwidth of signal, and record the results in the report

4.4. Test result

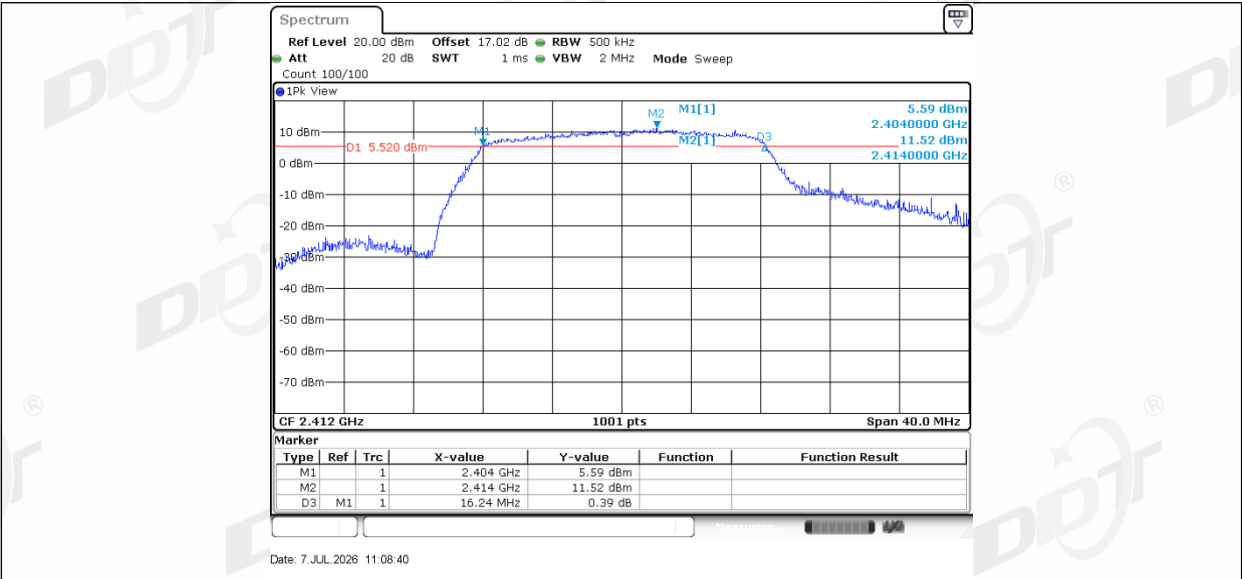
Test Engineer:	Tyang	Test Site:	RF Measurement System 5#
Ambient Condition:	28℃,46%RH	Test Date:	2026.07.06-2026.07.28
Test Power Supply:	Battery	Sample Number:	S26040120-032

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	7.84	2408.36	2416.20	0.5	PASS
	Ant2	2412	8.32	2407.84	2416.16	0.5	PASS
	Ant1	2437	8.28	2432.88	2441.16	0.5	PASS
	Ant2	2437	8.28	2432.88	2441.16	0.5	PASS
	Ant1	2462	8.24	2457.92	2466.16	0.5	PASS
	Ant2	2462	8.28	2457.84	2466.12	0.5	PASS
11G	Ant1	2412	16.24	2404.00	2420.24	0.5	PASS
	Ant2	2412	16.52	2403.80	2420.32	0.5	PASS
	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant2	2437	16.48	2428.76	2445.24	0.5	PASS
	Ant1	2462	16.28	2453.88	2470.16	0.5	PASS
	Ant2	2462	16.24	2453.88	2470.12	0.5	PASS
11N20	Ant1	2412	17.56	2403.28	2420.84	0.5	PASS
	Ant2	2412	17.72	2403.16	2420.88	0.5	PASS
	Ant1	2437	17.60	2428.20	2445.80	0.5	PASS
	Ant2	2437	17.44	2428.36	2445.80	0.5	PASS
	Ant1	2462	17.44	2453.28	2470.72	0.5	PASS
	Ant2	2462	17.32	2453.16	2470.48	0.5	PASS
11N40	Ant1	2422	36.24	2404.00	2440.24	0.5	PASS
	Ant2	2422	34.80	2405.36	2440.16	0.5	PASS
	Ant1	2437	36.40	2418.84	2455.24	0.5	PASS
	Ant2	2437	36.24	2419.00	2455.24	0.5	PASS
	Ant1	2452	36.40	2433.84	2470.24	0.5	PASS
	Ant2	2452	35.92	2433.84	2469.76	0.5	PASS

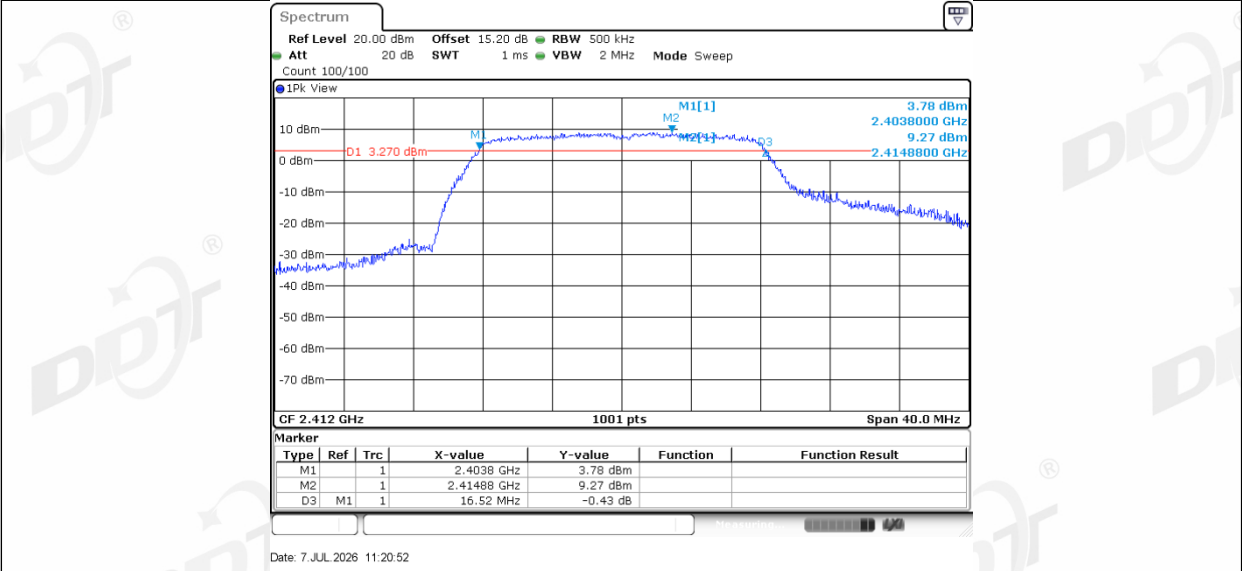
4.5. Test graphs



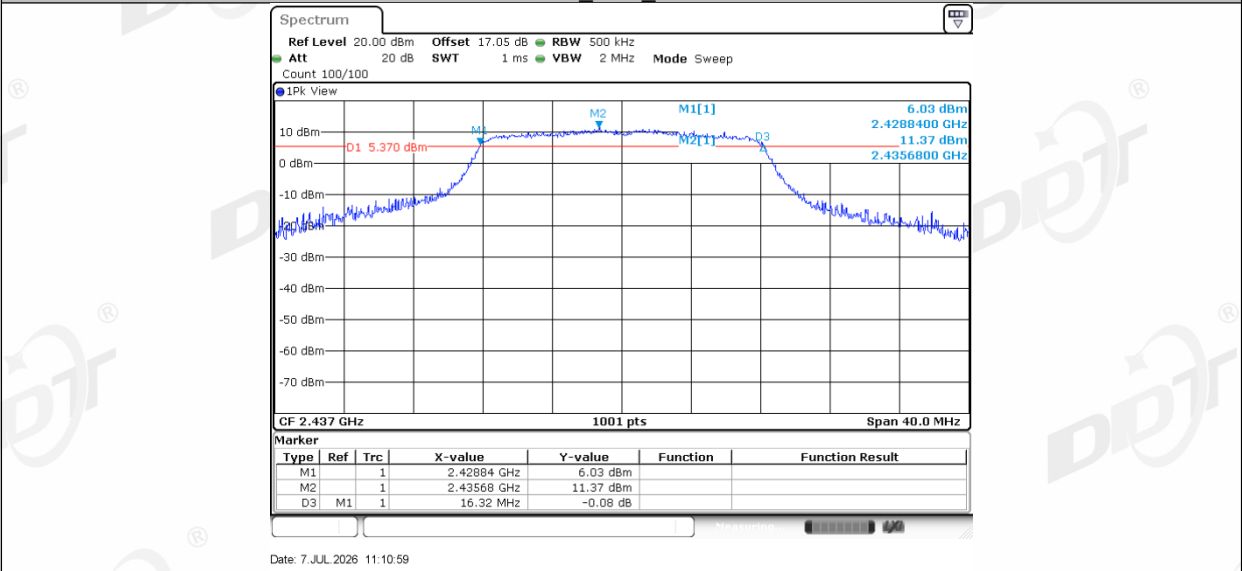




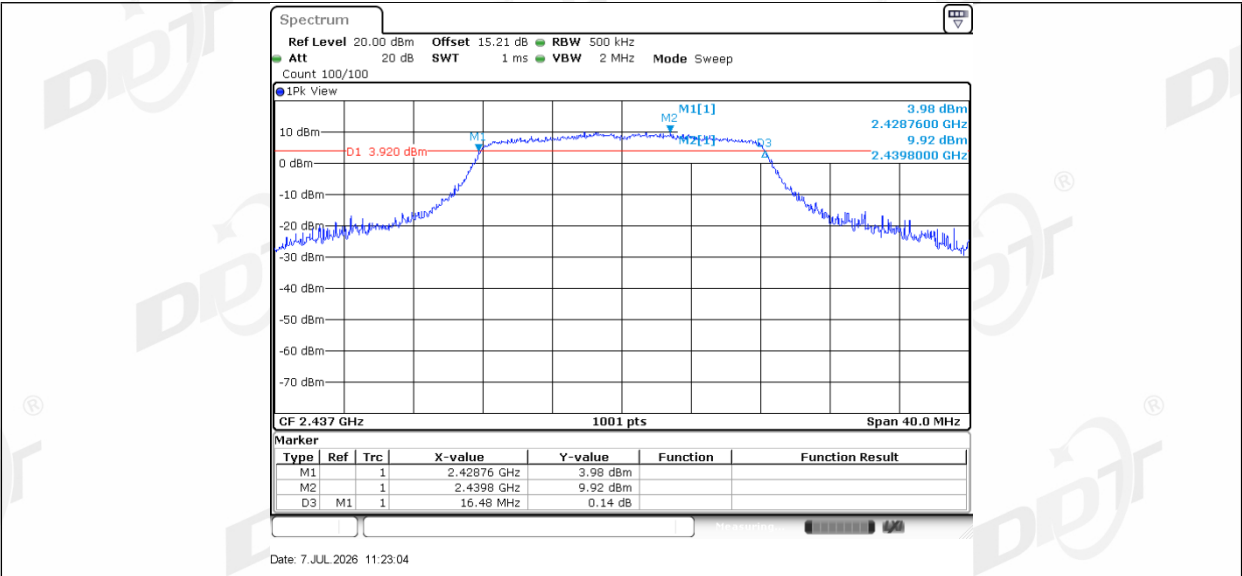
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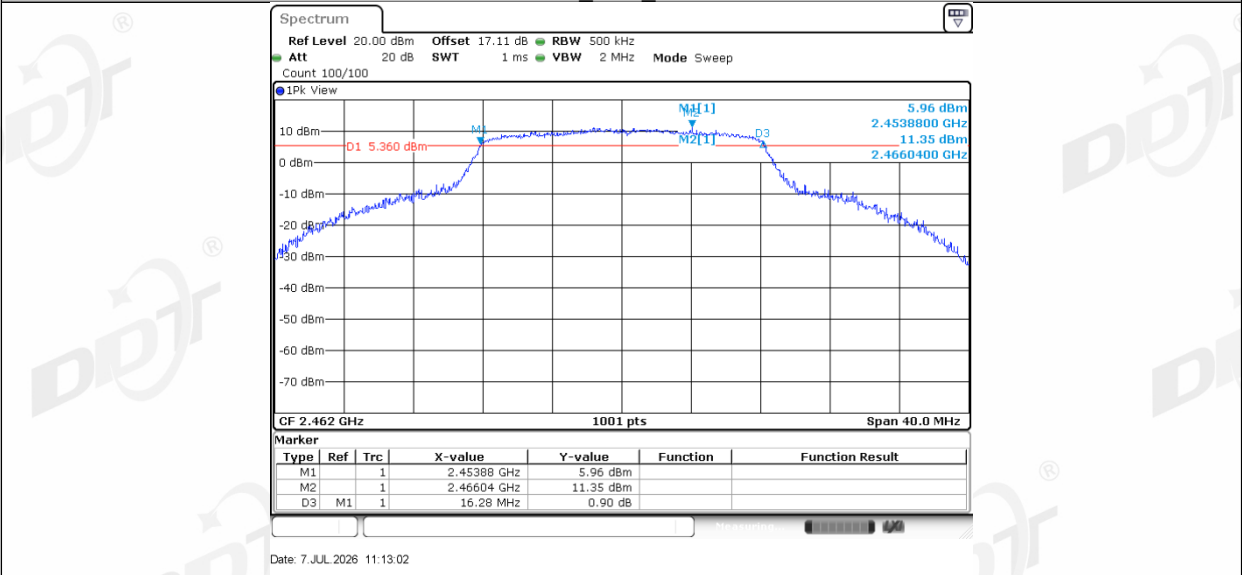
11G Ant1 2437



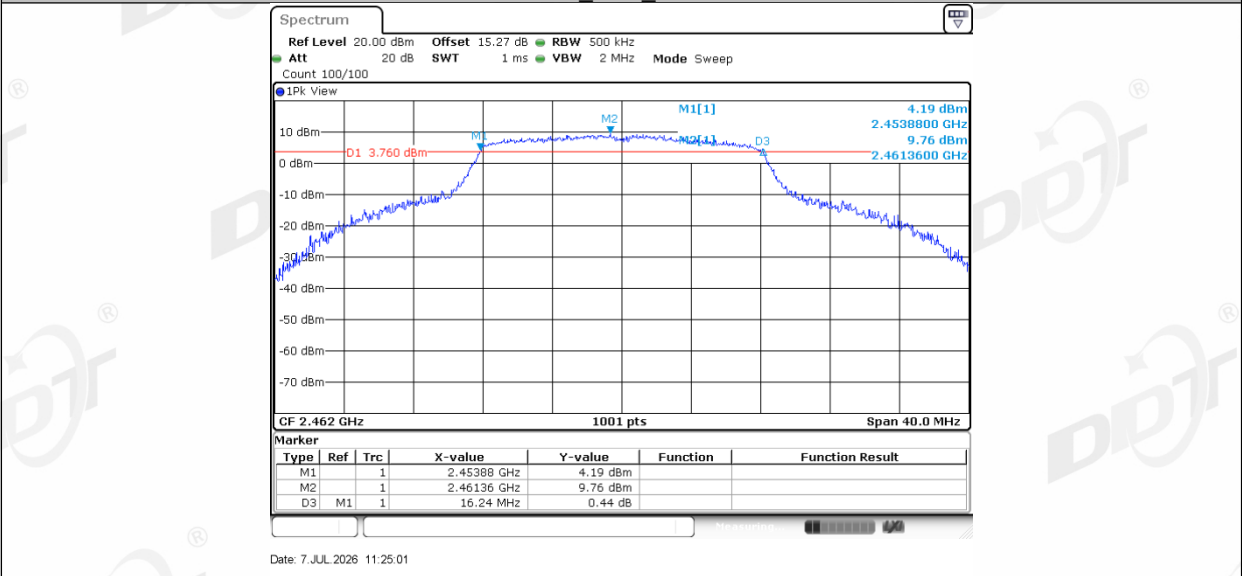
11G Ant2 2437



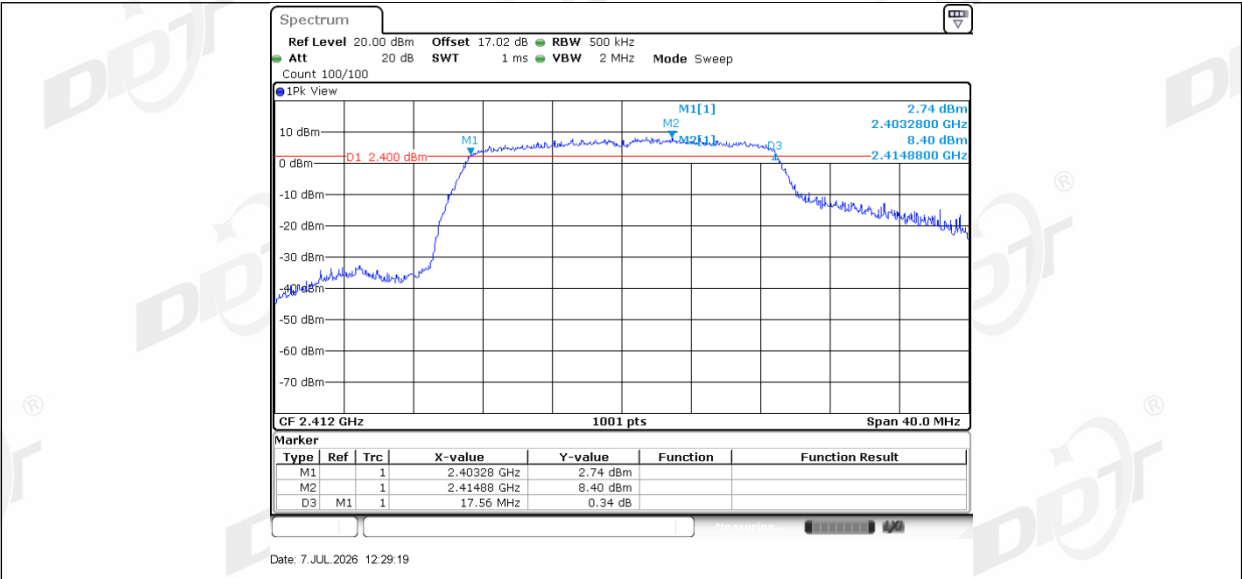
11G Ant1_2462



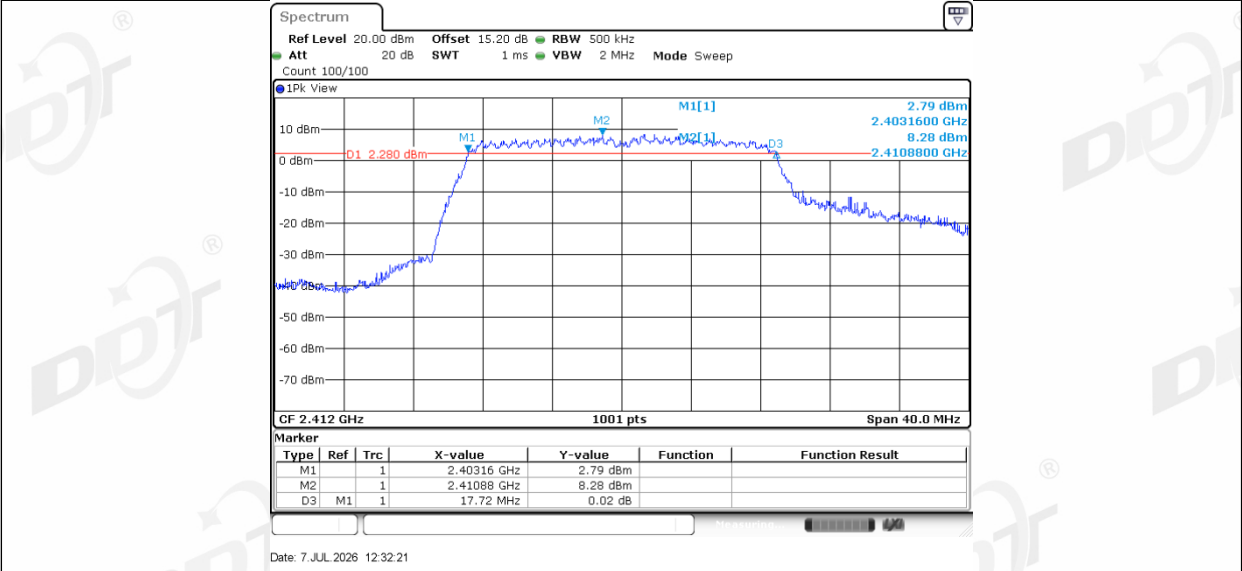
11G Ant2_2462



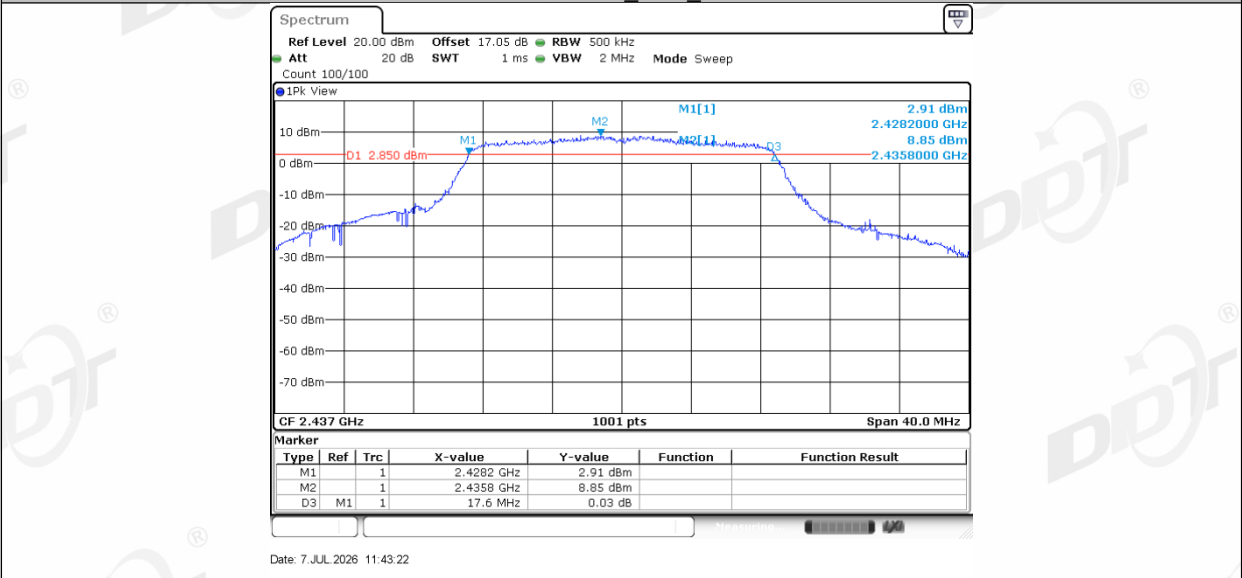
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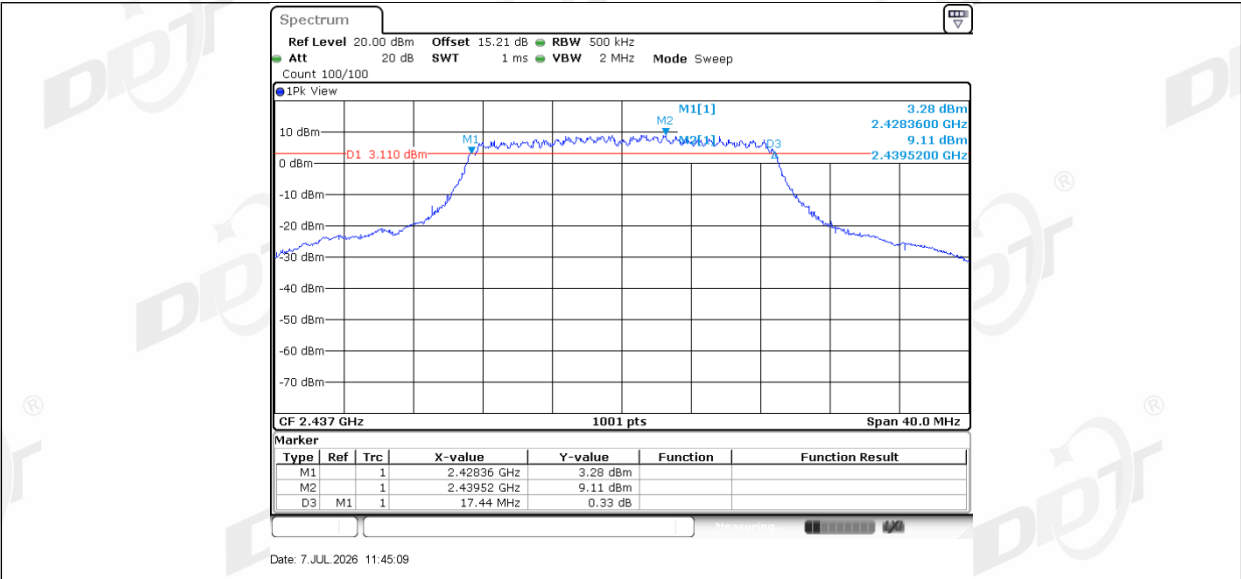
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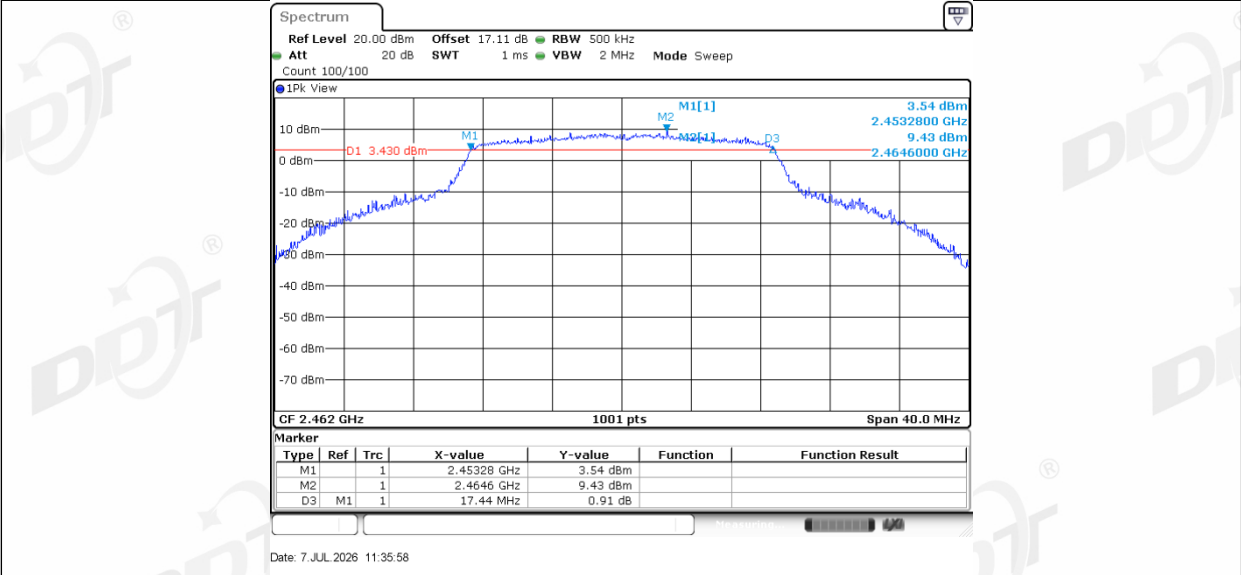
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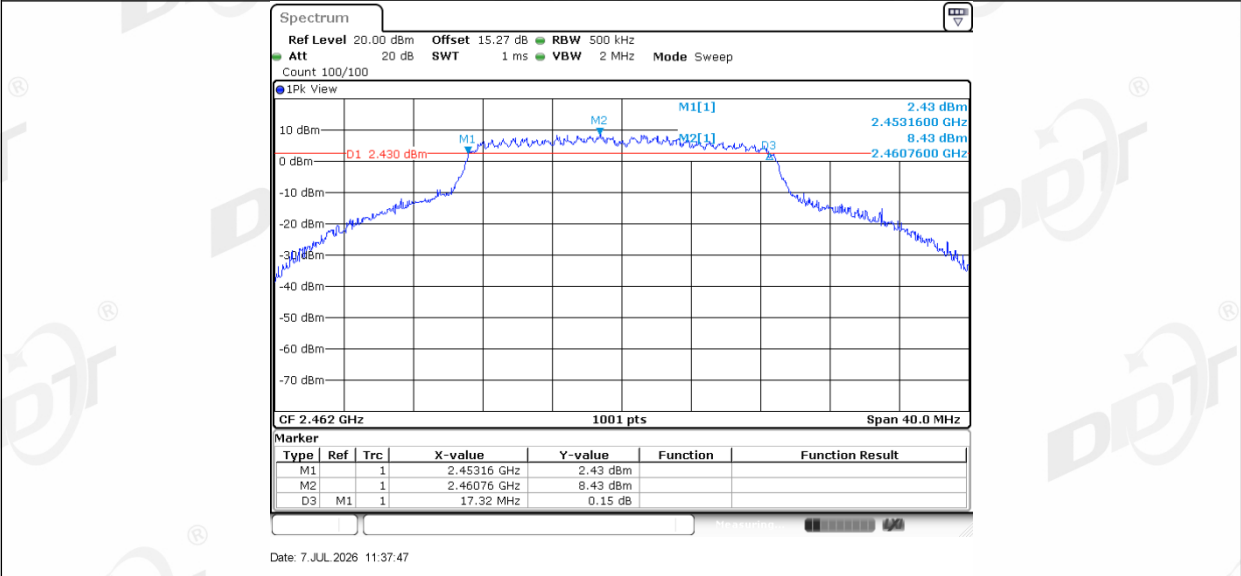
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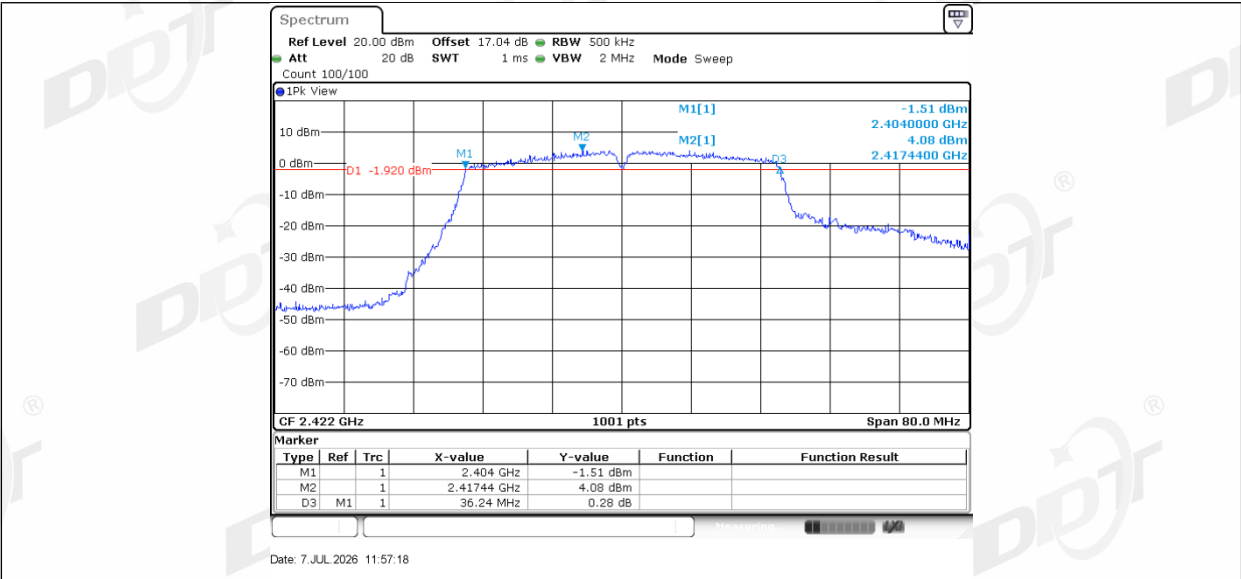
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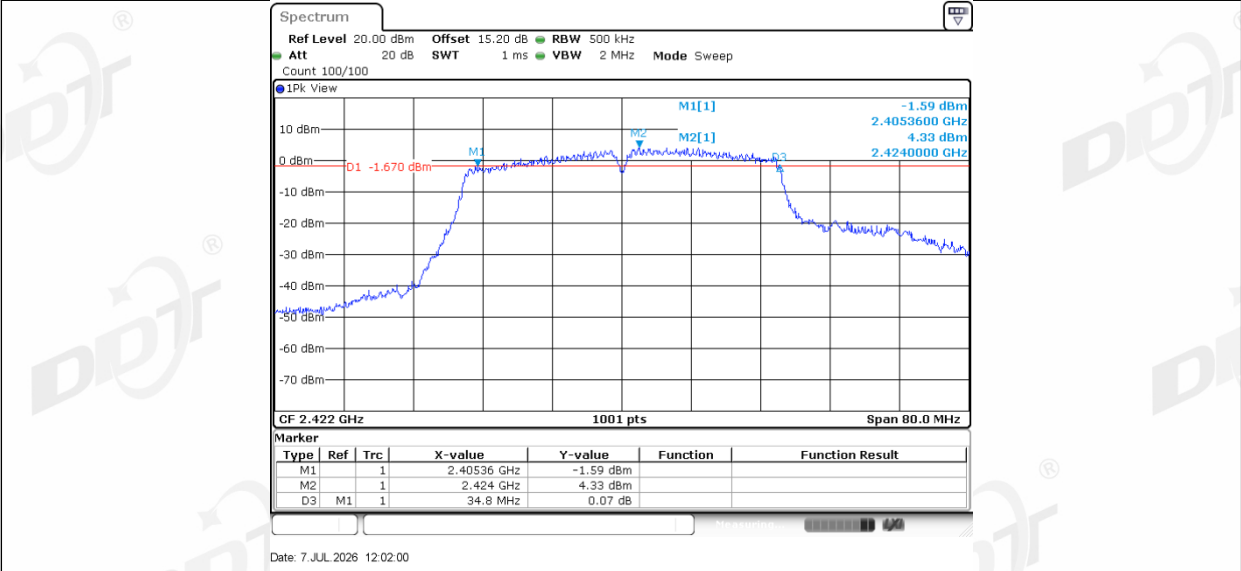
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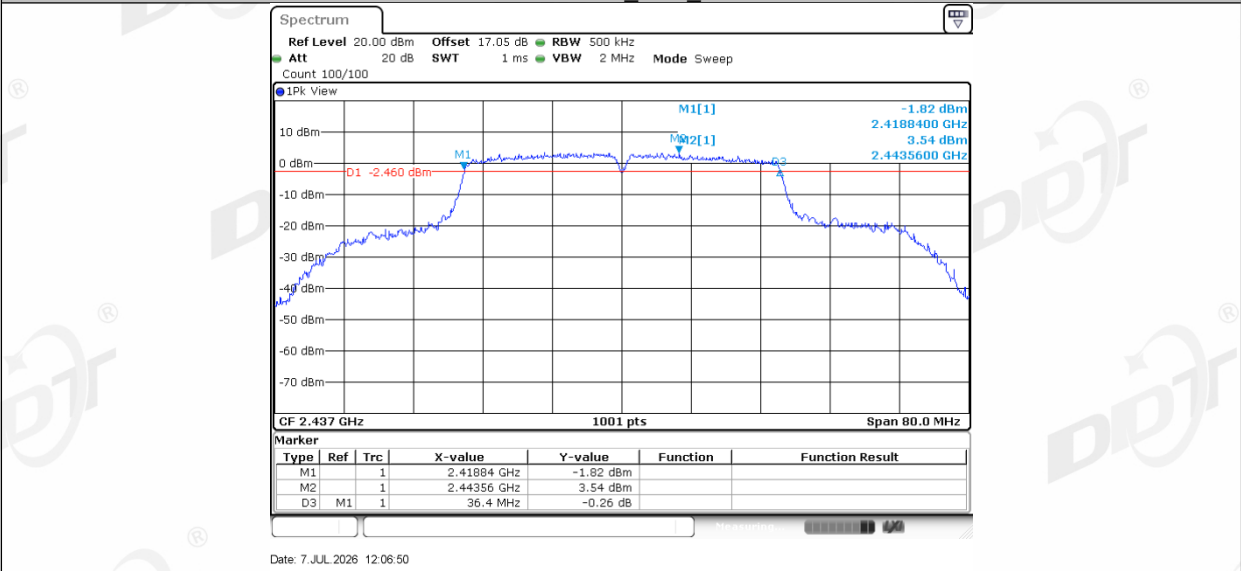
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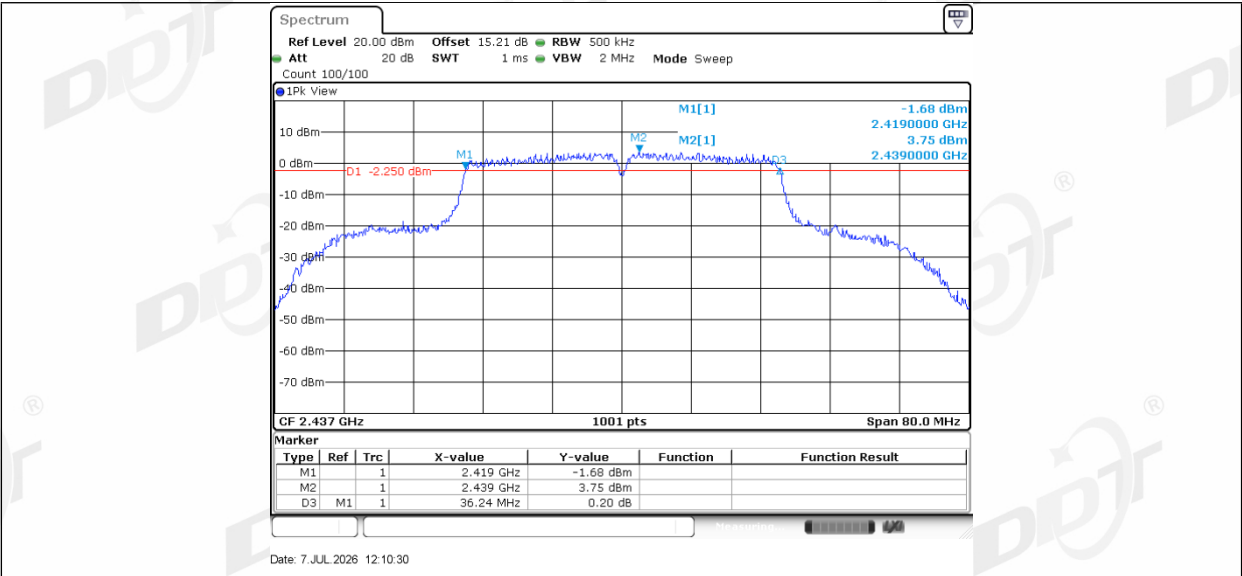
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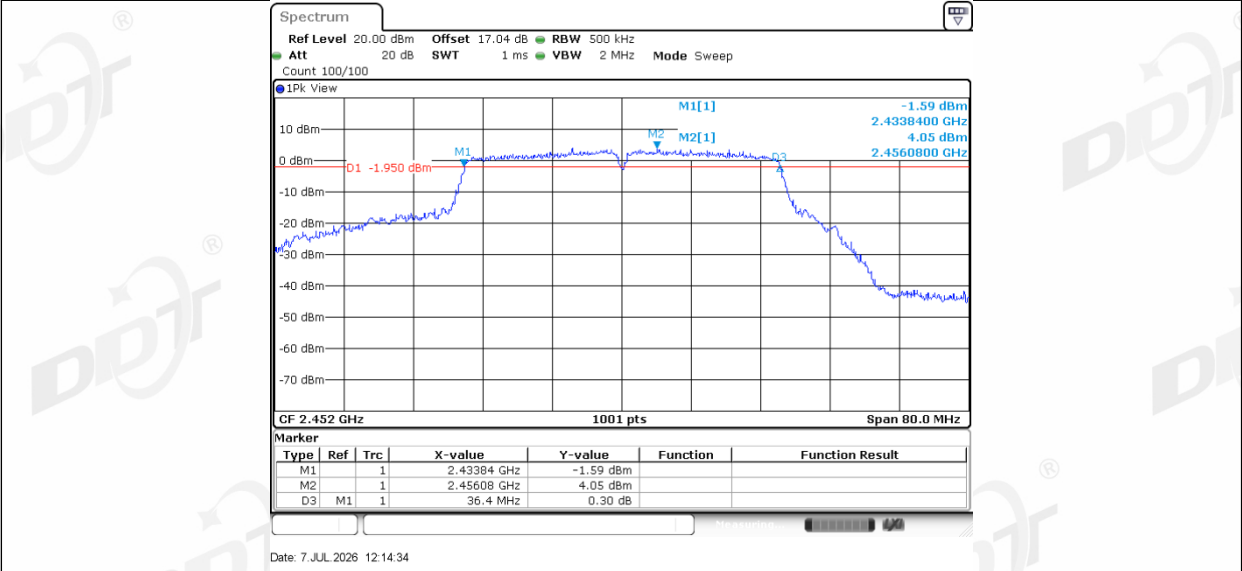
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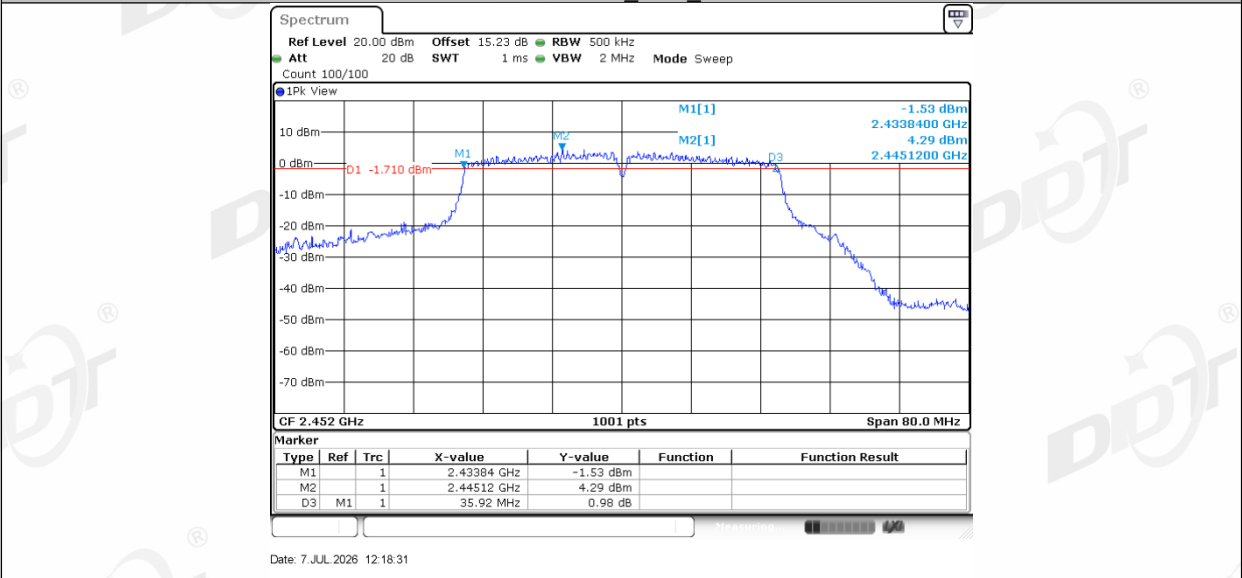
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11N40MIMO_Ant1_2452

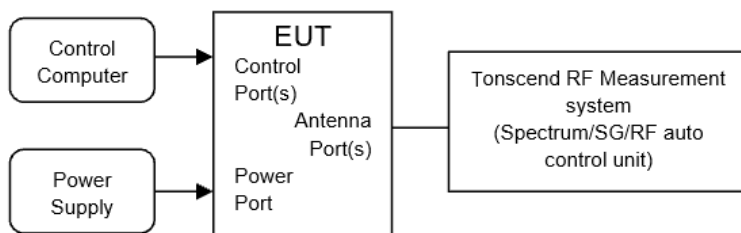


11N40MIMO_Ant2_2452



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 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

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

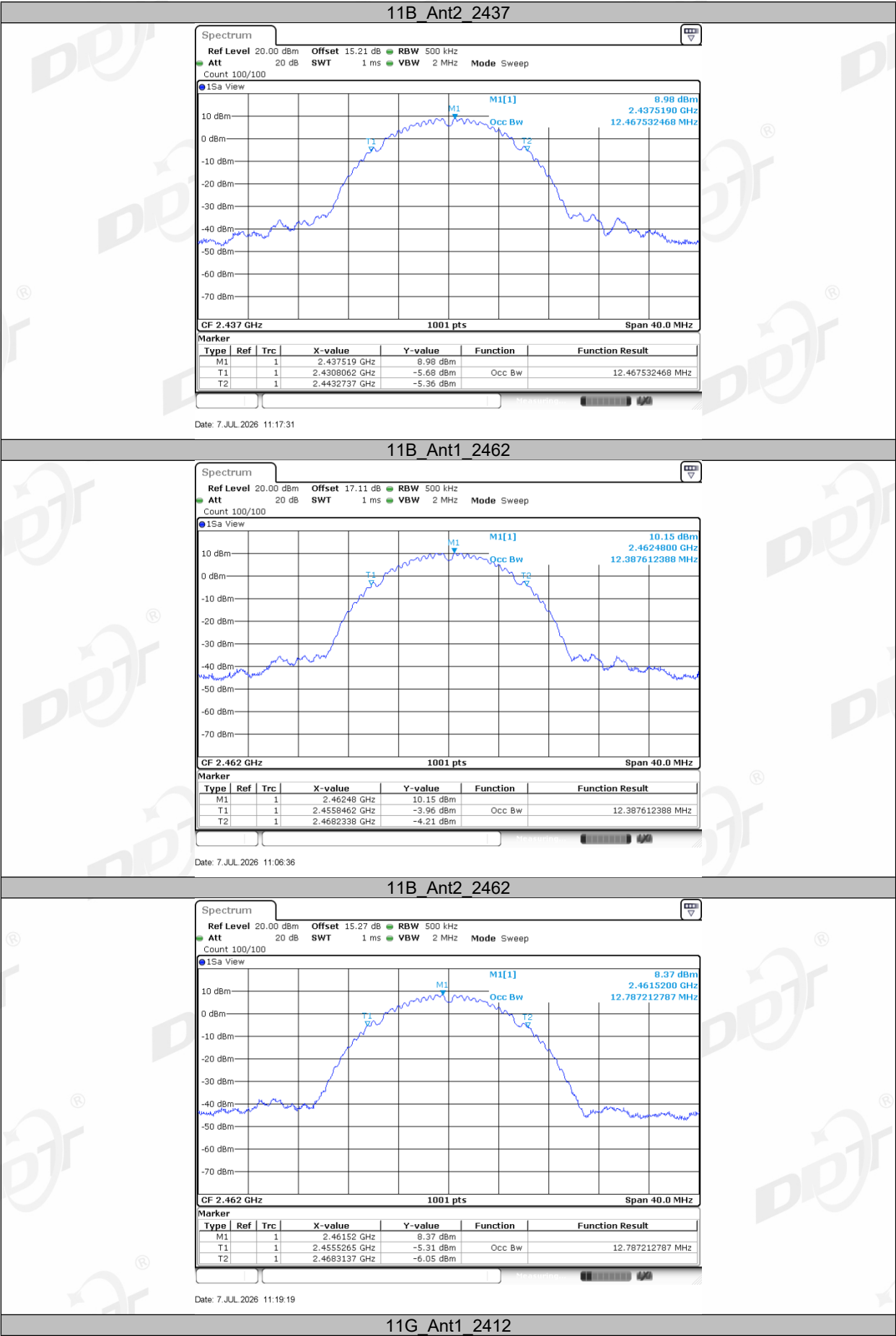
5.4. Test result

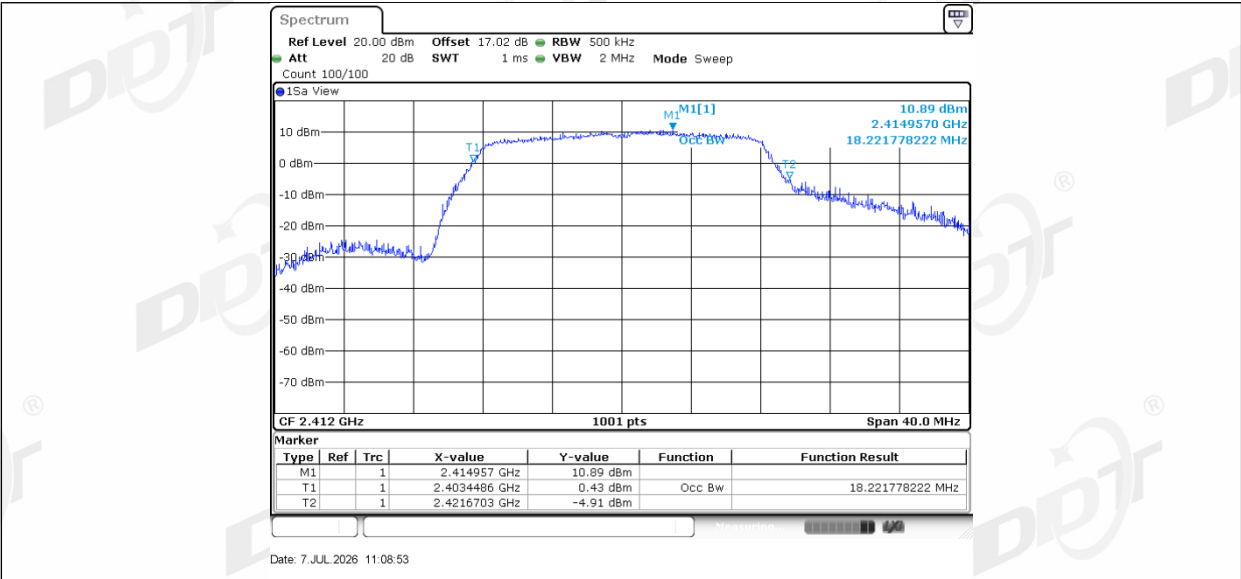
Test Engineer:	Tyang	Test Site:	RF Measurement System 5#
Ambient Condition:	28℃,46%RH	Test Date:	2026.07.06-2026.07.28
Test Power Supply:	Battery	Sample Number:	S26040120-032

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.308	2406.0460	2418.3536	---	---
	Ant2	2412	12.707	2405.6464	2418.3536	---	---
	Ant1	2437	12.787	2430.5664	2443.3536	---	---
	Ant2	2437	12.468	2430.8062	2443.2737	---	---
	Ant1	2462	12.388	2455.8462	2468.2338	---	---
	Ant2	2462	12.787	2455.5265	2468.3137	---	---
11G	Ant1	2412	18.222	2403.4486	2421.6703	---	---
	Ant2	2412	17.982	2403.2887	2421.2707	---	---
	Ant1	2437	17.383	2428.2488	2445.6314	---	---
	Ant2	2437	17.263	2428.4086	2445.6713	---	---
	Ant1	2462	17.782	2453.1289	2470.9111	---	---
	Ant2	2462	17.622	2453.0889	2470.7113	---	---
11N20	Ant1	2412	18.661	2403.0090	2421.6703	---	---
	Ant2	2412	18.262	2403.0490	2421.3107	---	---
	Ant1	2437	18.422	2427.6893	2446.1109	---	---
	Ant2	2437	17.942	2428.0490	2445.9910	---	---
	Ant1	2462	18.821	2452.5694	2471.3906	---	---
	Ant2	2462	18.422	2452.6494	2471.0709	---	---
11N40	Ant1	2422	37.083	2403.8581	2440.9411	---	---
	Ant2	2422	36.763	2404.0979	2440.8611	---	---
	Ant1	2437	37.323	2418.5385	2455.8611	---	---
	Ant2	2437	37.163	2418.3786	2455.5415	---	---
	Ant1	2452	37.722	2432.8192	2470.5415	---	---
	Ant2	2452	36.923	2433.3786	2470.3017	---	---

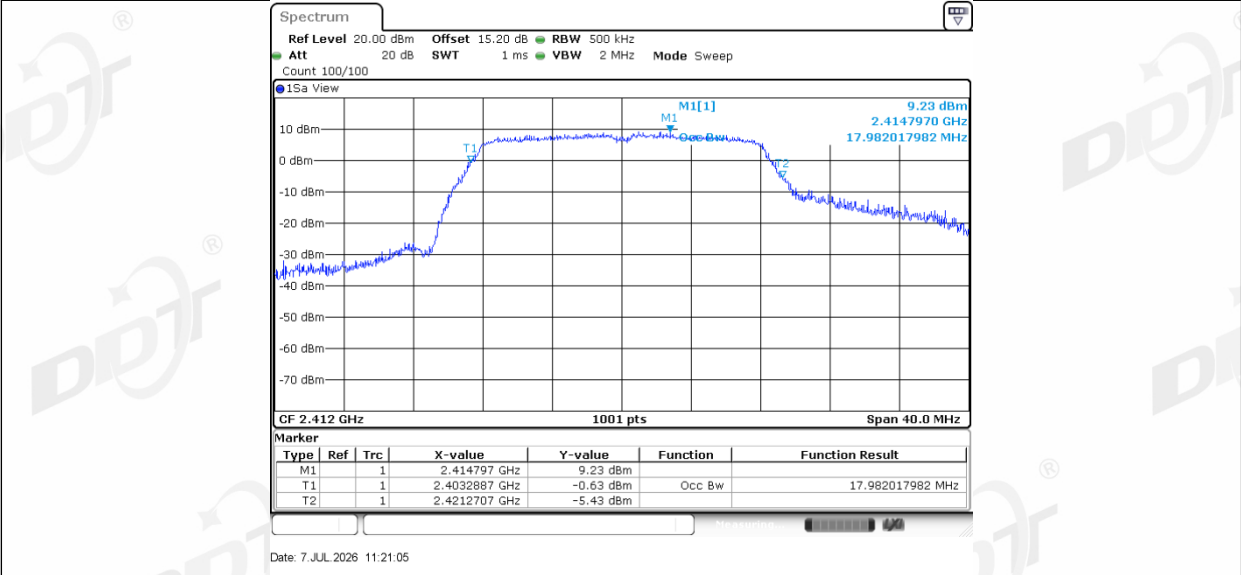
5.5. Test graphs



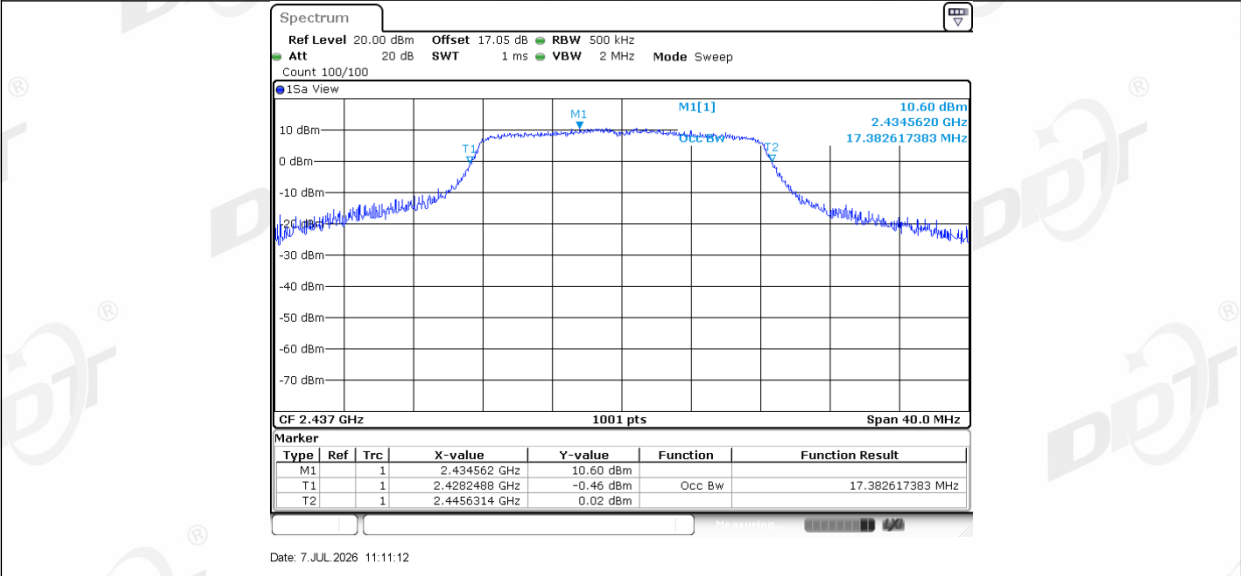




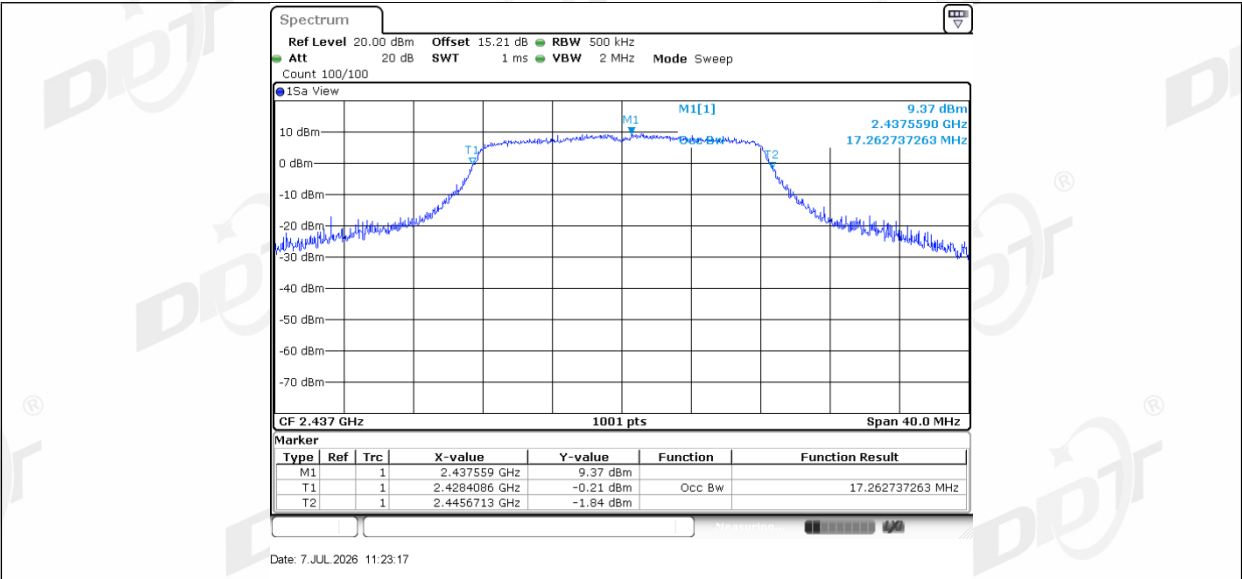
11G Ant2 2412



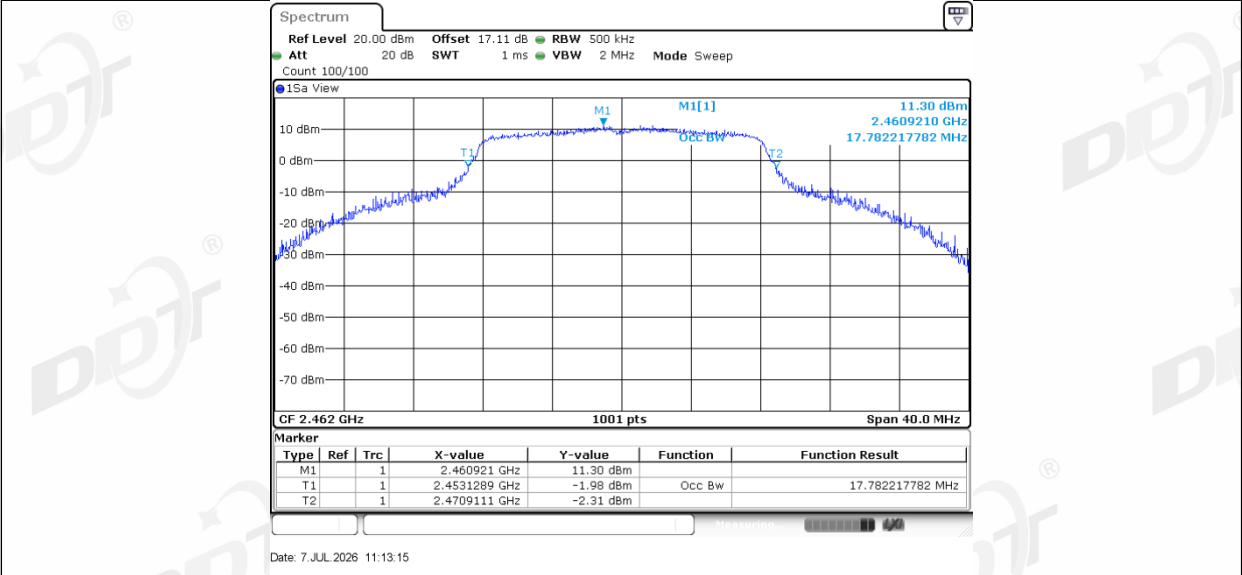
11G Ant1 2437



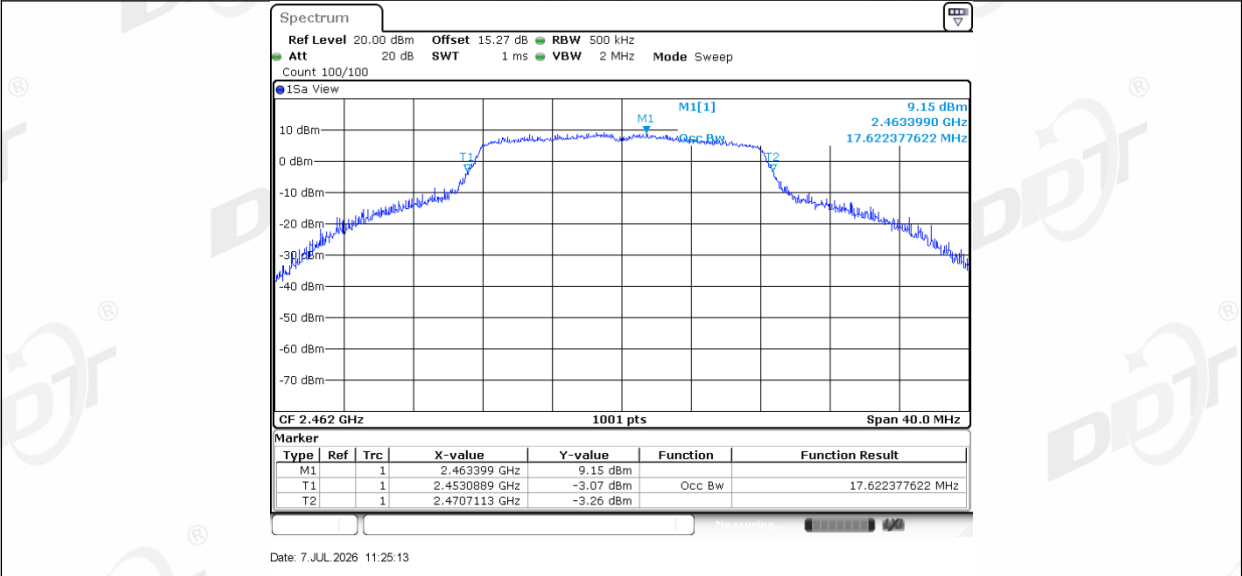
11G Ant2 2437



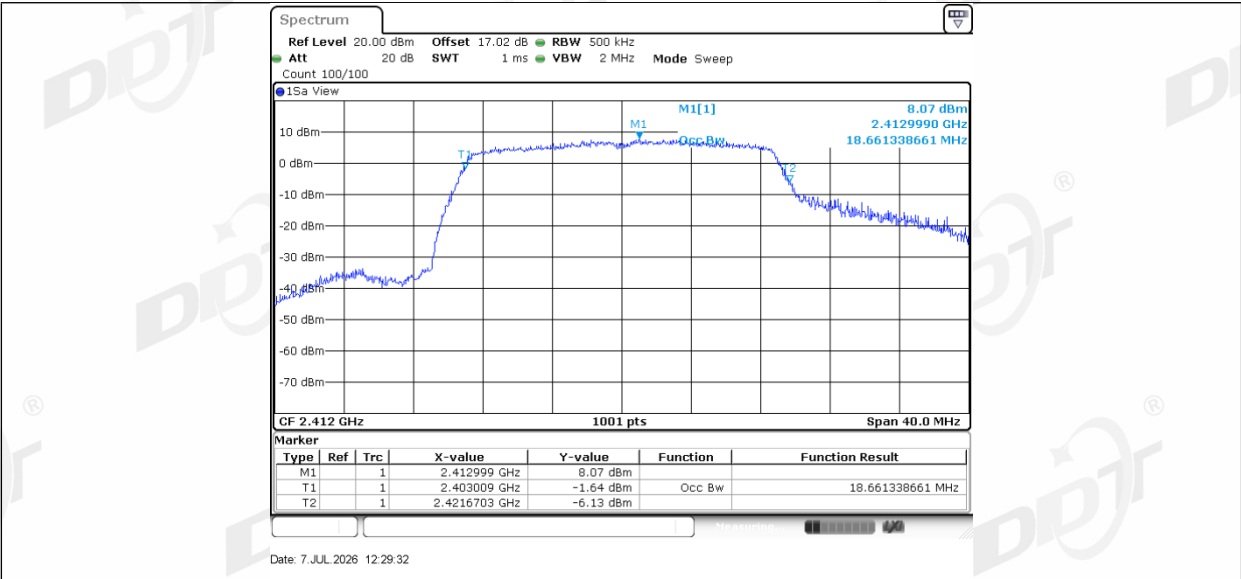
11G Ant1_2462



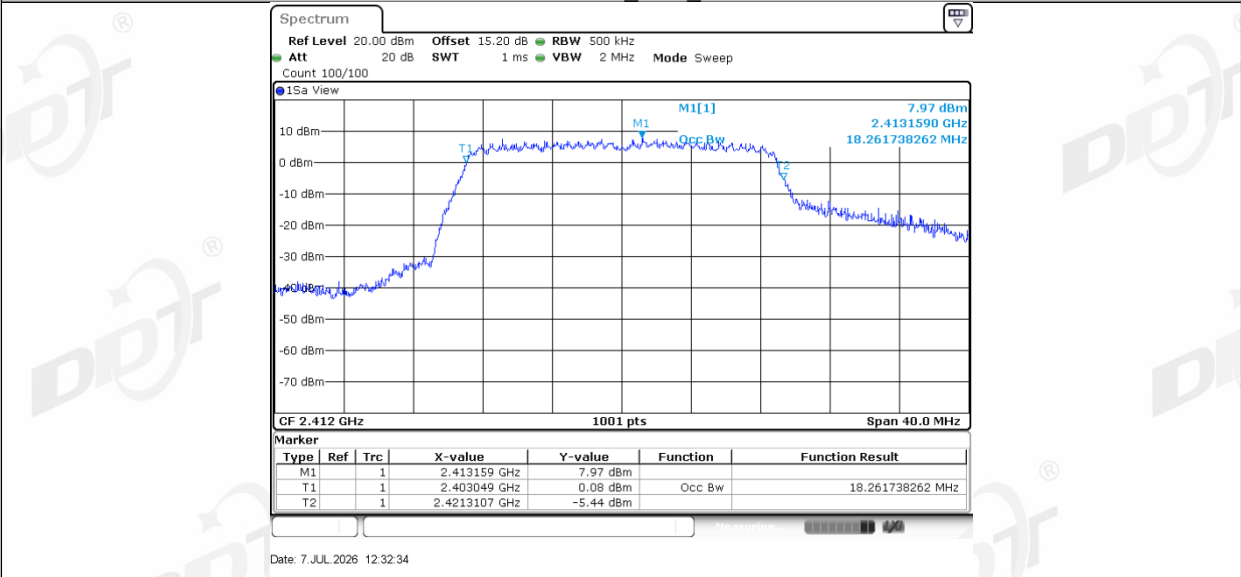
11G Ant2_2462



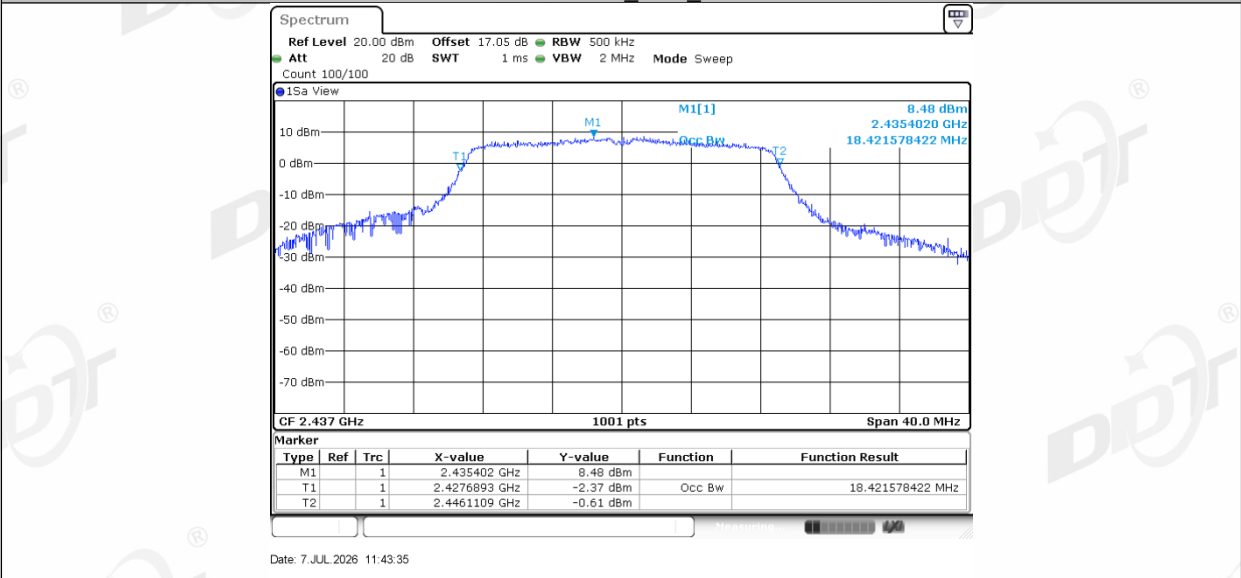
11N20MIMO_Ant1_2412



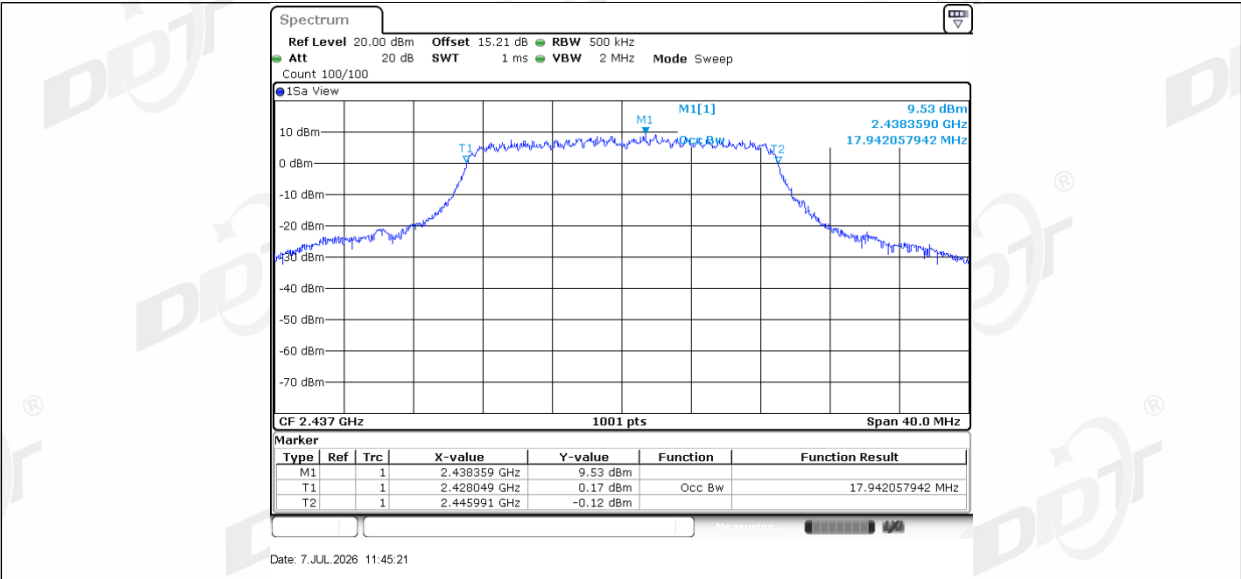
11N20MIMO_Ant2_2412



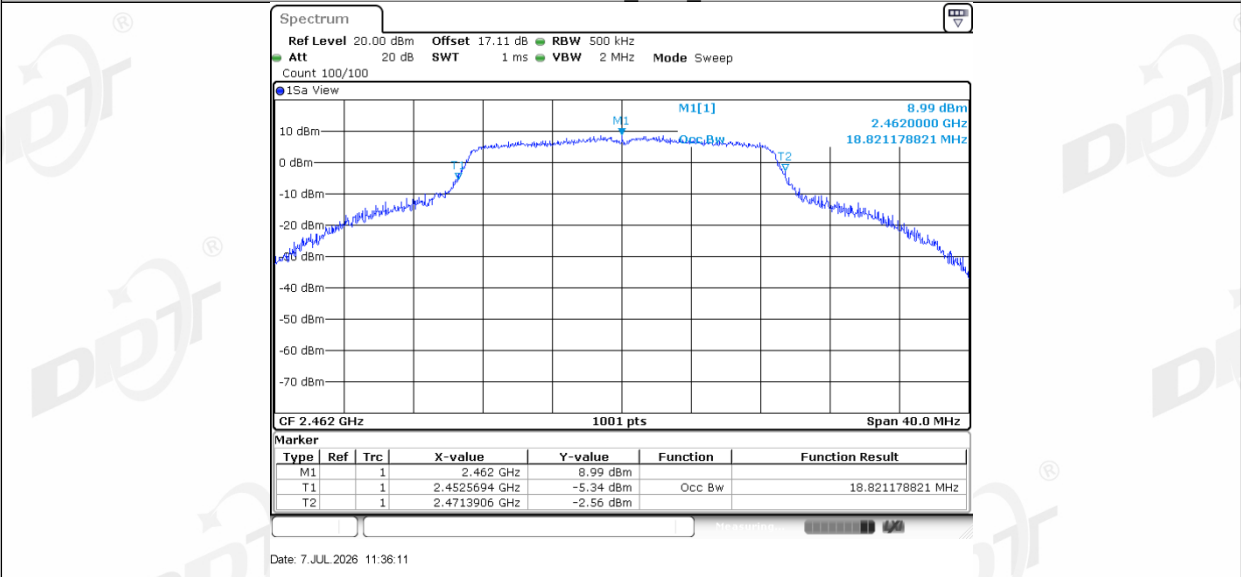
11N20MIMO_Ant1_2437



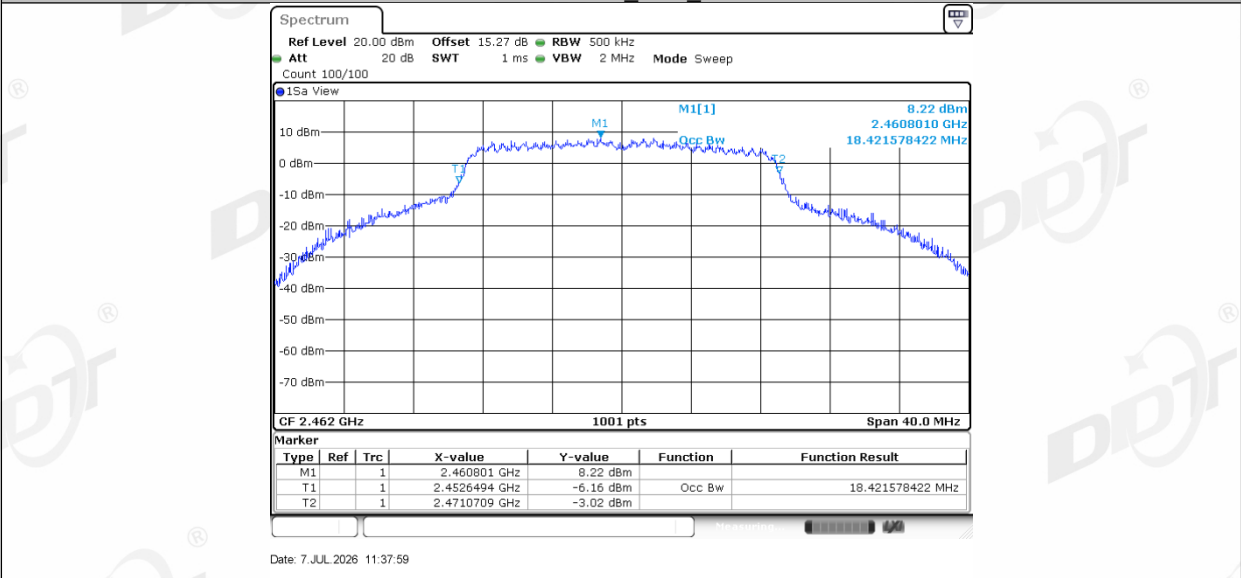
11N20MIMO_Ant2_2437



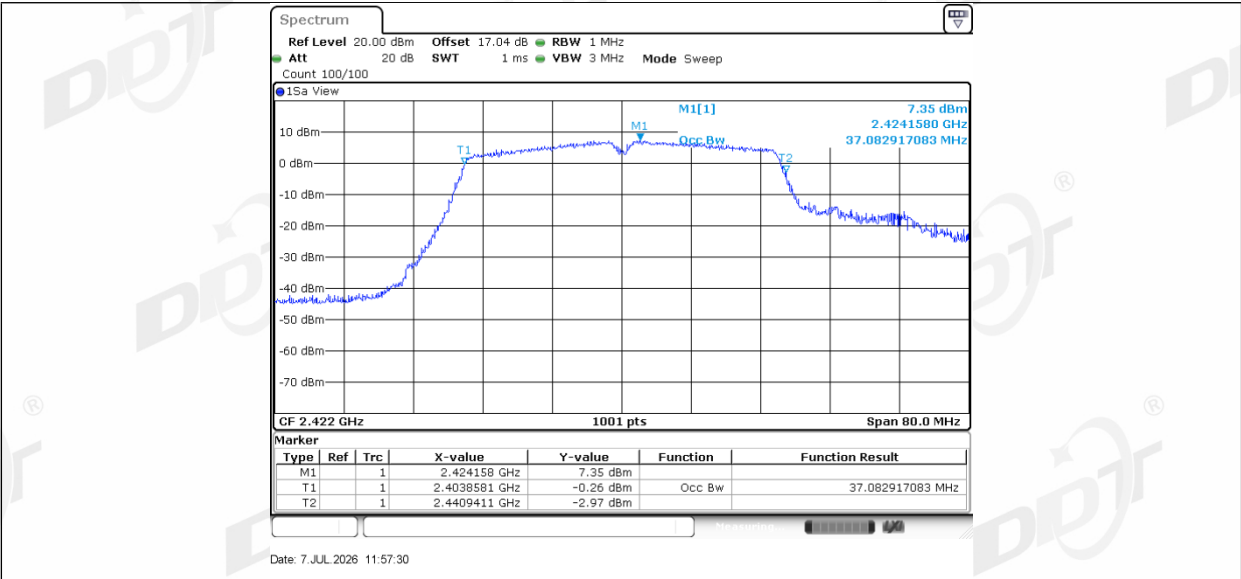
11N20MIMO_Ant1_2462



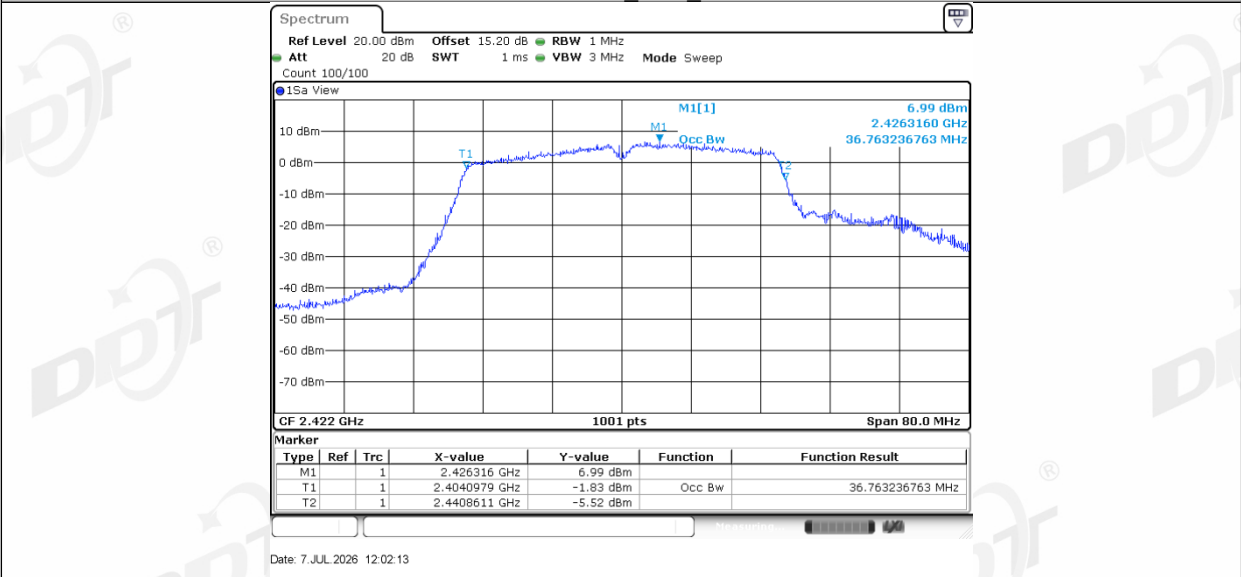
11N20MIMO_Ant2_2462



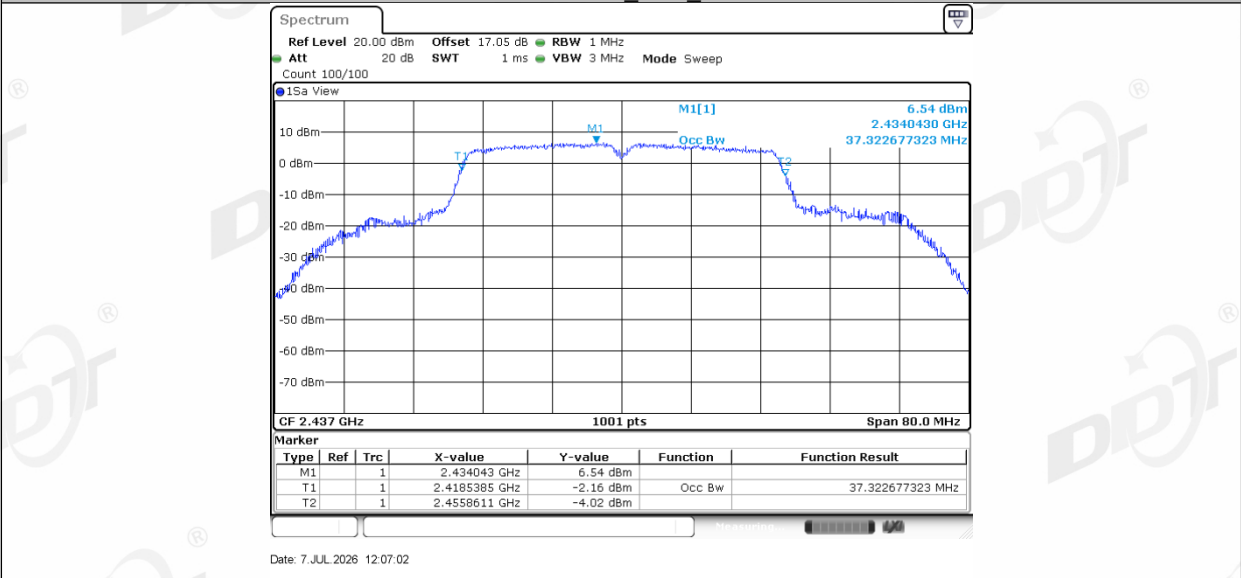
11N40MIMO_Ant1_2422



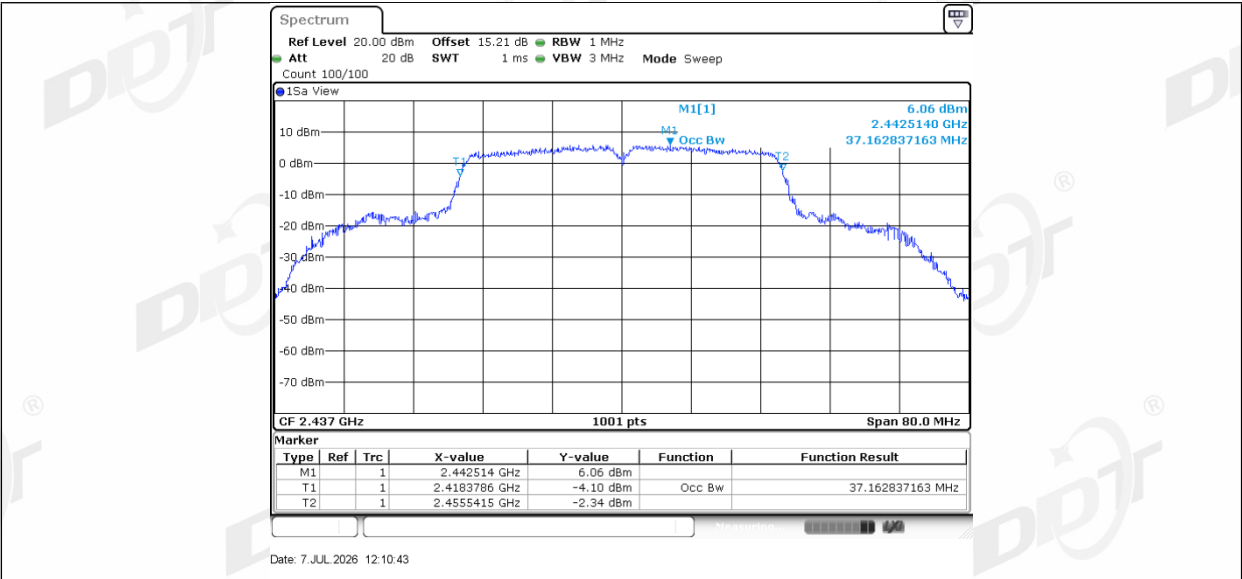
11N40MIMO_Ant2_2422



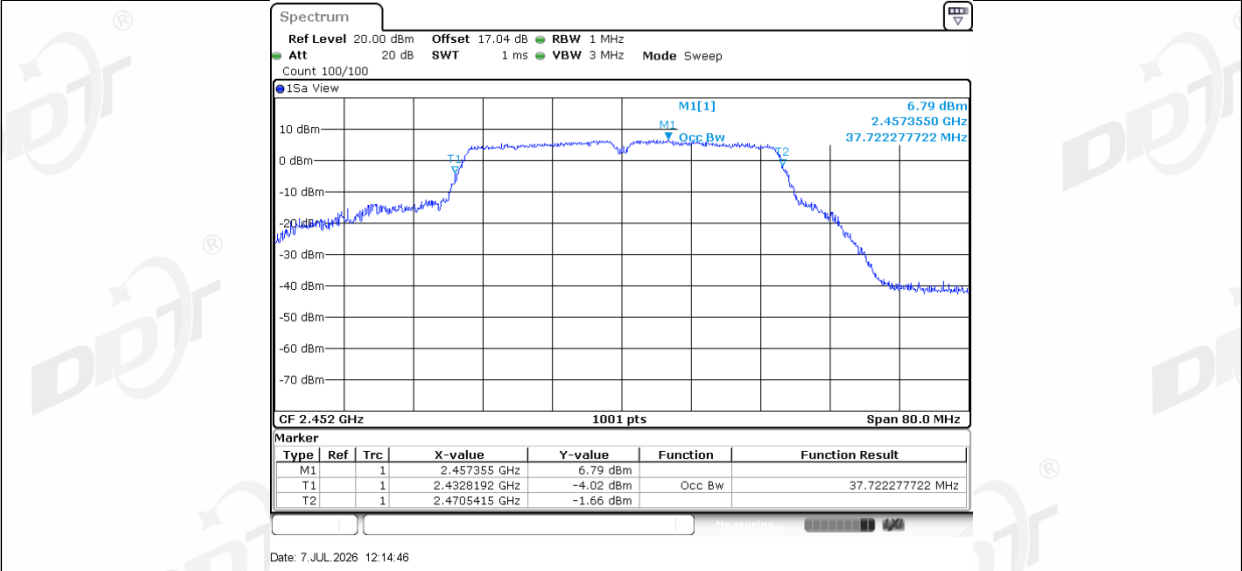
11N40MIMO_Ant1_2437



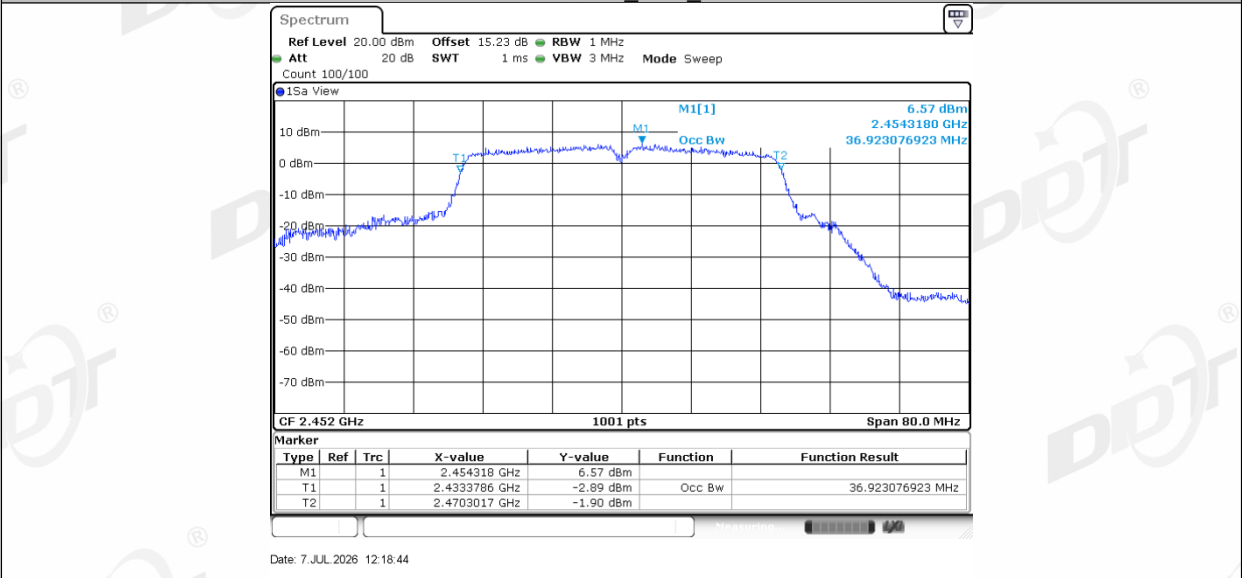
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452

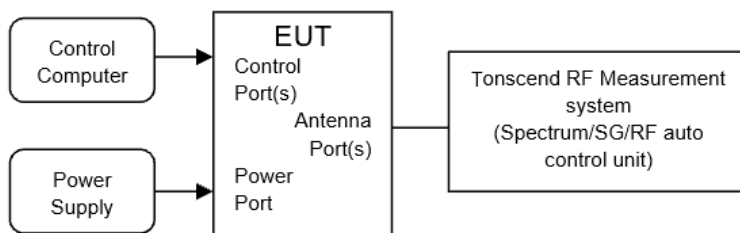


11N40MIMO_Ant2_2452



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 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

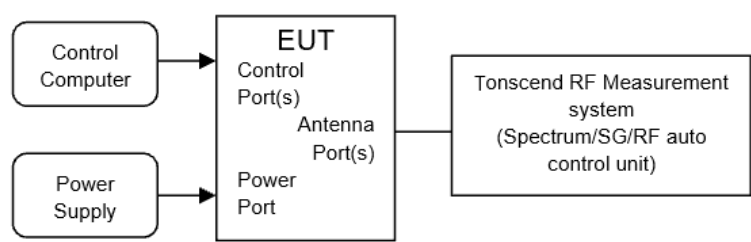
Test Engineer:	Tyang	Test Site:	RF Measurement System 5#
Ambient Condition:	28℃,46%RH	Test Date:	2026.07.06-2026.07.28
Test Power Supply:	Battery	Sample Number:	S26040120-032

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	7.10	99.64	0.02	7.12	≤30.00	8.94	≤36.00	PASS
	Ant2	2412	7.05	99.41	0.03	7.08	≤30.00	8.25	≤36.00	PASS
	Ant1	2437	7.05	99.53	0.02	7.07	≤30.00	8.89	≤36.00	PASS
	Ant2	2437	7.20	99.64	0.02	7.22	≤30.00	8.39	≤36.00	PASS
	Ant1	2462	7.01	99.53	0.02	7.03	≤30.00	8.85	≤36.00	PASS
	Ant2	2462	7.17	99.52	0.02	7.19	≤30.00	8.36	≤36.00	PASS
11G	Ant1	2412	5.79	96.53	0.15	5.94	≤30.00	7.76	≤36.00	PASS
	Ant2	2412	6.09	97.22	0.12	6.21	≤30.00	7.38	≤36.00	PASS
	Ant1	2437	6.46	96.53	0.15	6.61	≤30.00	8.43	≤36.00	PASS
	Ant2	2437	6.41	96.53	0.15	6.56	≤30.00	7.73	≤36.00	PASS
	Ant1	2462	6.21	96.53	0.15	6.36	≤30.00	8.18	≤36.00	PASS
	Ant2	2462	5.88	96.53	0.15	6.03	≤30.00	7.20	≤36.00	PASS
11N20MI MO	Ant1	2412	5.91	94.37	0.25	6.16	≤30.00	7.98	≤36.00	PASS
	Ant2	2412	6.07	93.06	0.31	6.38	≤30.00	7.55	≤36.00	PASS
	total	2412	---	---	---	9.28	≤30.00	10.78	≤36.00	PASS
	Ant1	2437	6.56	94.37	0.25	6.81	≤30.00	8.63	≤36.00	PASS
	Ant2	2437	6.39	94.37	0.25	6.64	≤30.00	7.81	≤36.00	PASS
	total	2437	---	---	---	9.74	≤30.00	11.25	≤36.00	PASS
	Ant1	2462	6.35	93.06	0.31	6.66	≤30.00	8.48	≤36.00	PASS
	Ant2	2462	5.83	93.06	0.31	6.14	≤30.00	7.31	≤36.00	PASS
11N40MI MO	total	2462	---	---	---	9.42	≤30.00	10.94	≤36.00	PASS
	Ant1	2422	6.24	89.47	0.48	6.72	≤30.00	8.54	≤36.00	PASS
	Ant2	2422	5.76	87.18	0.60	6.36	≤30.00	7.53	≤36.00	PASS
	total	2422	---	---	---	9.55	≤30.00	11.07	≤36.00	PASS
	Ant1	2437	6.39	89.47	0.48	6.87	≤30.00	8.69	≤36.00	PASS
	Ant2	2437	6.03	89.47	0.48	6.51	≤30.00	7.68	≤36.00	PASS
	total	2437	---	---	---	9.70	≤30.00	11.22	≤36.00	PASS
	Ant1	2452	6.50	89.47	0.48	6.98	≤30.00	8.80	≤36.00	PASS
	Ant2	2452	6.31	87.18	0.60	6.91	≤30.00	8.08	≤36.00	PASS
	total	2452	---	---	---	9.96	≤30.00	11.47	≤36.00	PASS

Note: EIRP (dBm)=Conducted Output Power (dBm)+ Antenna Gain (dBi)

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 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 kHz ≤ RBW ≤ 100 kHz
VBW:	≥ 3RBW
Span	1.5 times the DTS bandwidth
Detector Mode:	RMS
Sweep time:	auto
Trace mode	max hold
	Employ trace averaging (rms)
Trace	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.
If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

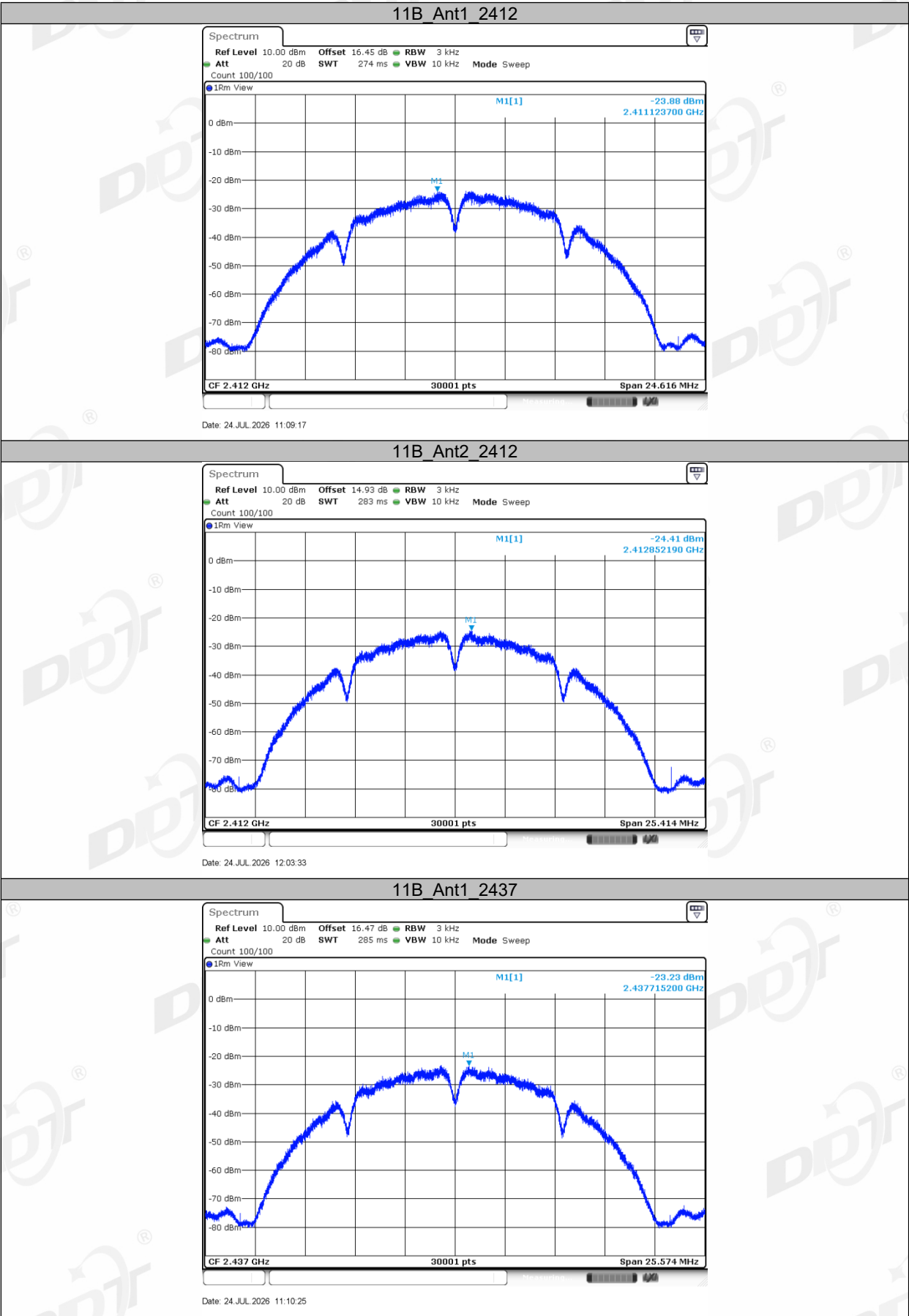
7.4. Test result

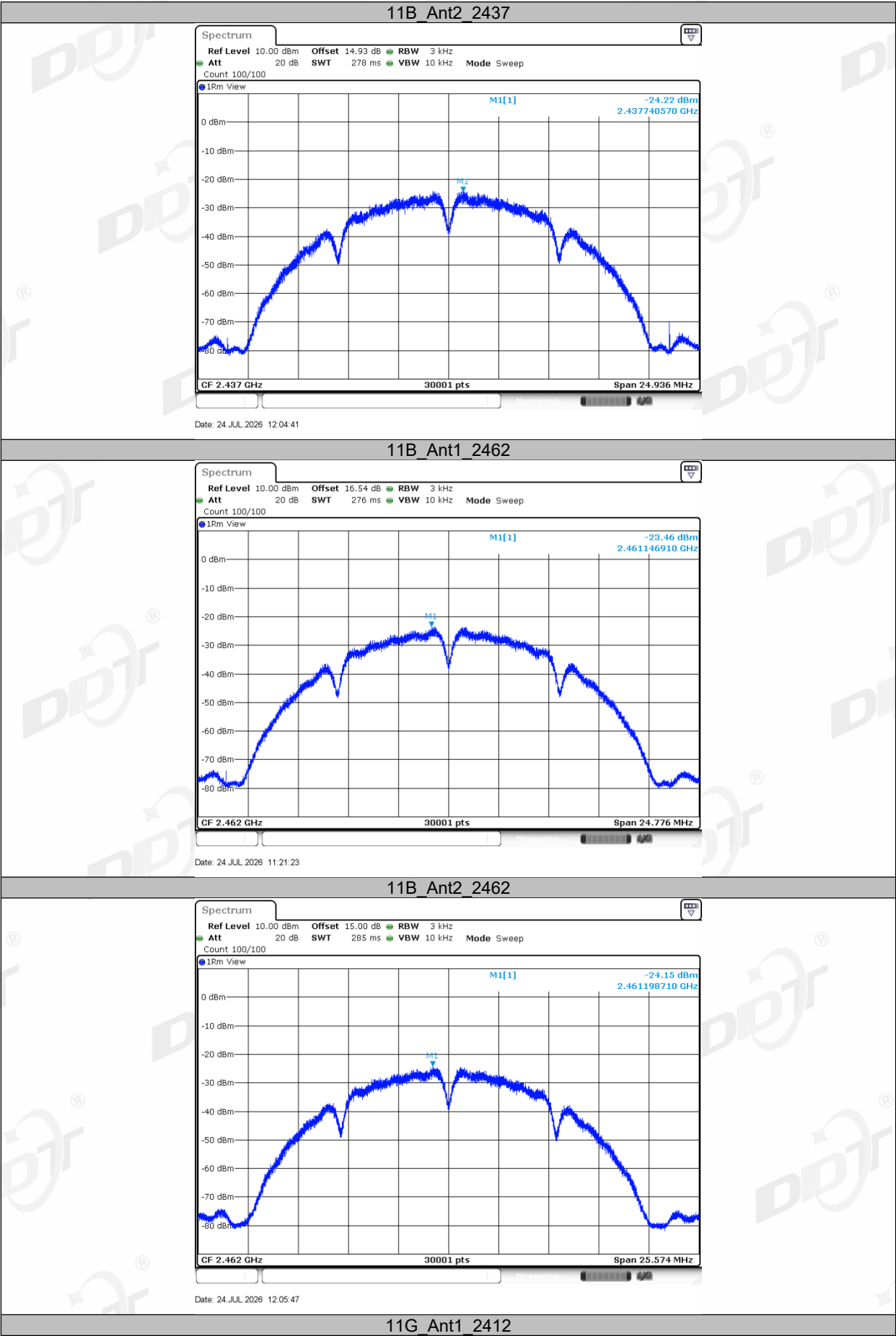
Test Engineer:	Tyang	Test Site:	RF Measurement System 5#
Ambient Condition:	28℃,46%RH	Test Date:	2026.07.06-2026.07.28
Test Power Supply:	Battery	Sample Number:	S26040120-032

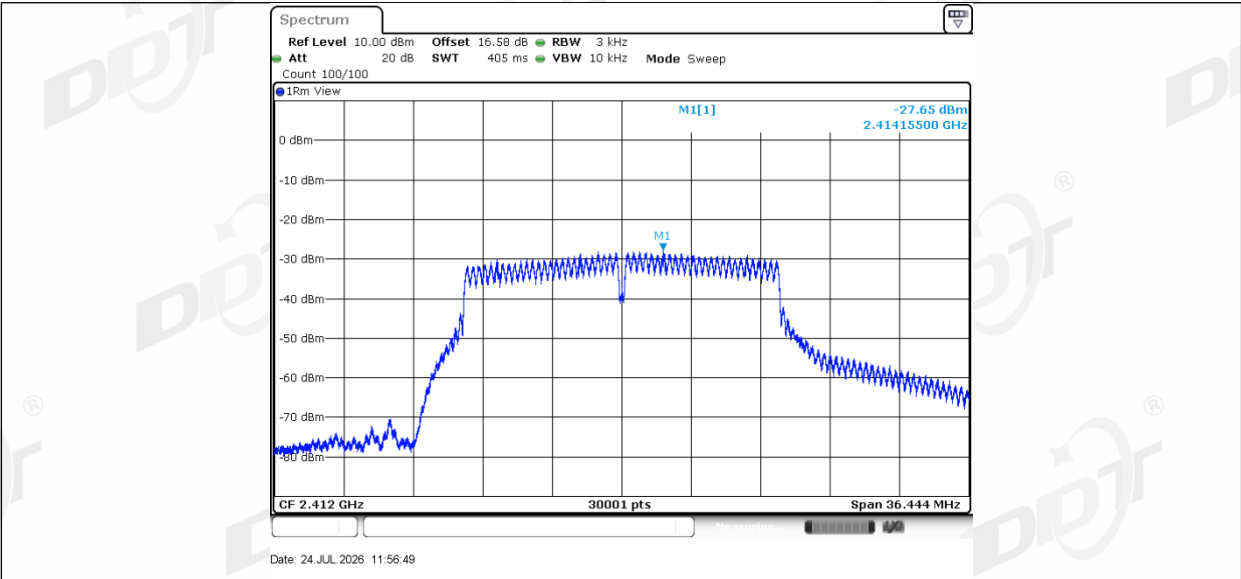
Test Mode	Antenna	Frequency [MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-23.88	≤8.00	PASS
	Ant2	2412	-24.41	≤8.00	PASS
	Ant1	2437	-23.23	≤8.00	PASS
	Ant2	2437	-24.22	≤8.00	PASS
	Ant1	2462	-23.46	≤8.00	PASS
	Ant2	2462	-24.15	≤8.00	PASS
11G	Ant1	2412	-27.65	≤8.00	PASS
	Ant2	2412	-29.04	≤8.00	PASS
	Ant1	2437	-27.43	≤8.00	PASS
	Ant2	2437	-28.67	≤8.00	PASS
	Ant1	2462	-27.51	≤8.00	PASS
	Ant2	2462	-28.81	≤8.00	PASS
11N20MIMO	Ant1	2412	-27.17	≤8.00	PASS
	Ant2	2412	-27.24	≤8.00	PASS
	total	2412	-24.19	≤8.00	PASS
	Ant1	2437	-26.61	≤8.00	PASS
	Ant2	2437	-26.99	≤8.00	PASS
	total	2437	-23.79	≤8.00	PASS
	Ant1	2462	-26.65	≤8.00	PASS
	Ant2	2462	-27.36	≤8.00	PASS
	total	2462	-23.98	≤8.00	PASS
11N40MIMO	Ant1	2422	-27.75	≤8.00	PASS
	Ant2	2422	-29.05	≤8.00	PASS
	total	2422	-25.34	≤8.00	PASS
	Ant1	2437	-27.91	≤8.00	PASS
	Ant2	2437	-28.87	≤8.00	PASS
	total	2437	-25.35	≤8.00	PASS
	Ant1	2452	-27.67	≤8.00	PASS
	Ant2	2452	-28.06	≤8.00	PASS
	total	2452	-24.85	≤8.00	PASS

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

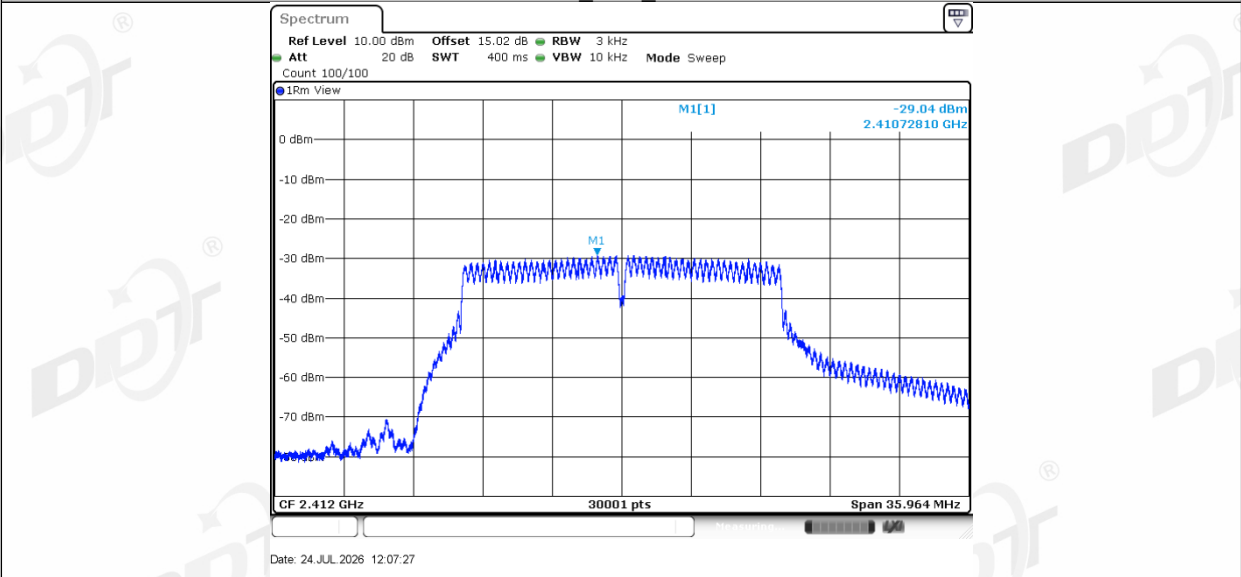
7.5. Test graphs



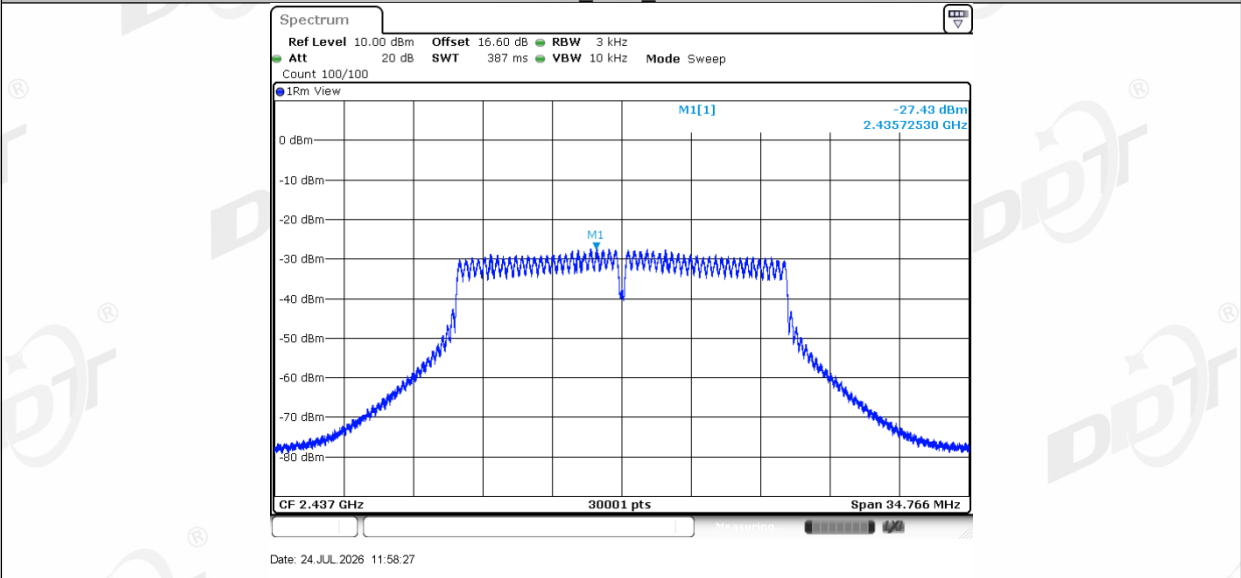




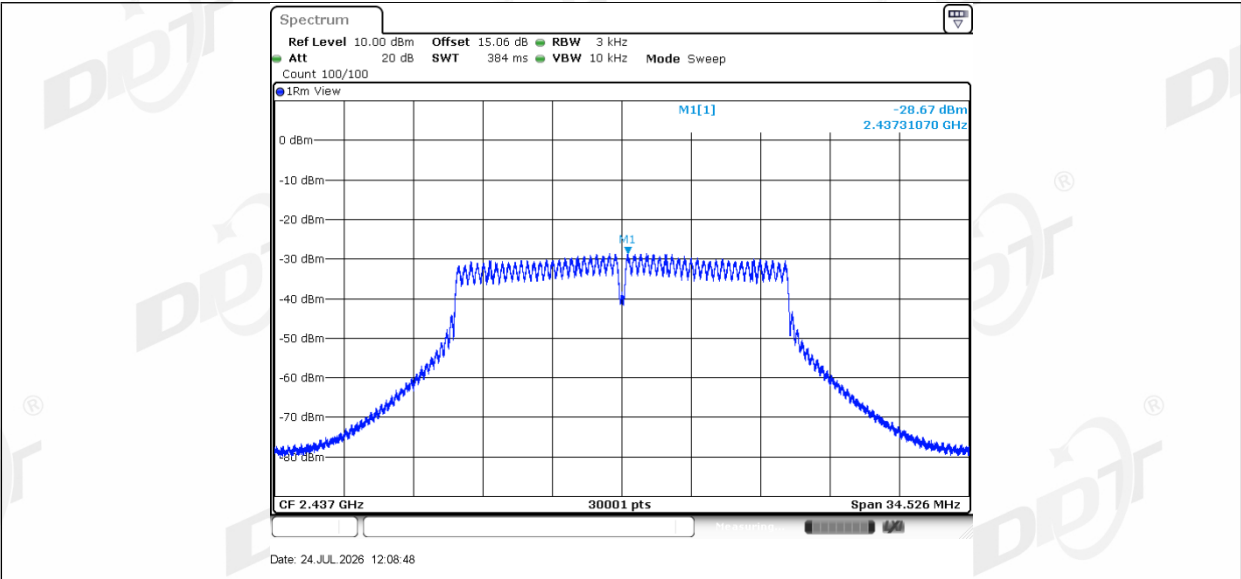
11G Ant2 2412



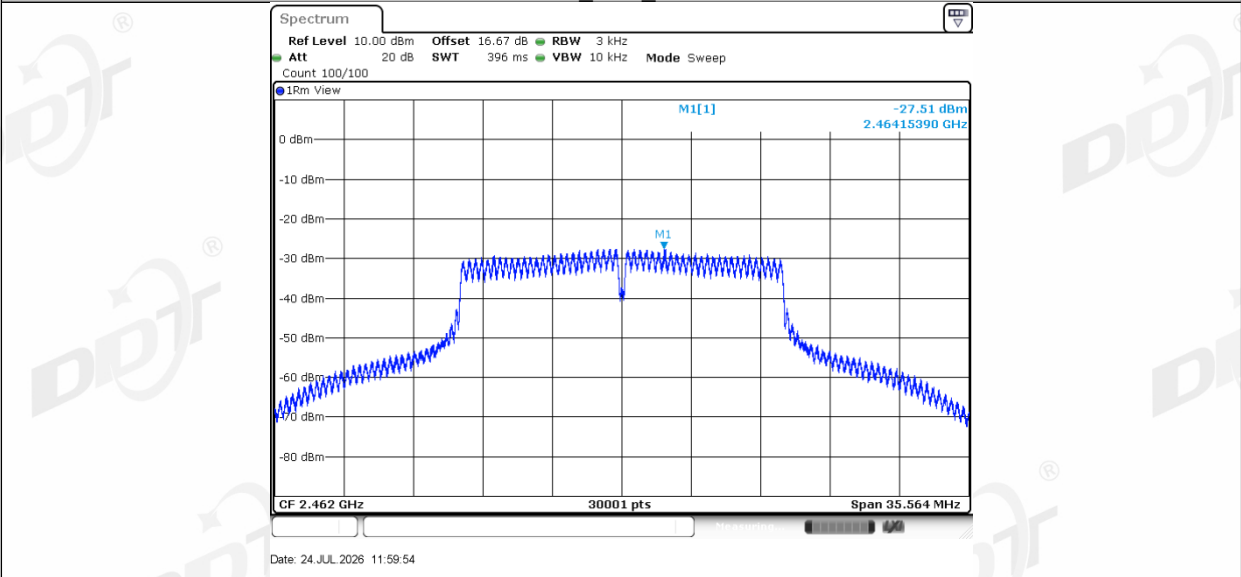
11G Ant1 2437



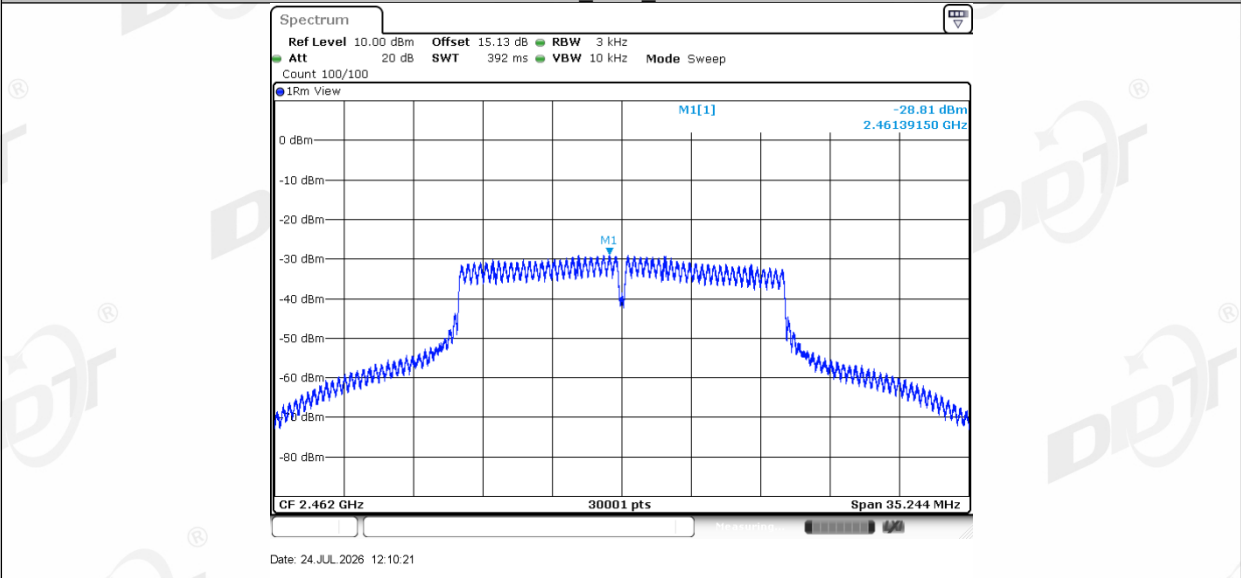
11G Ant2 2437



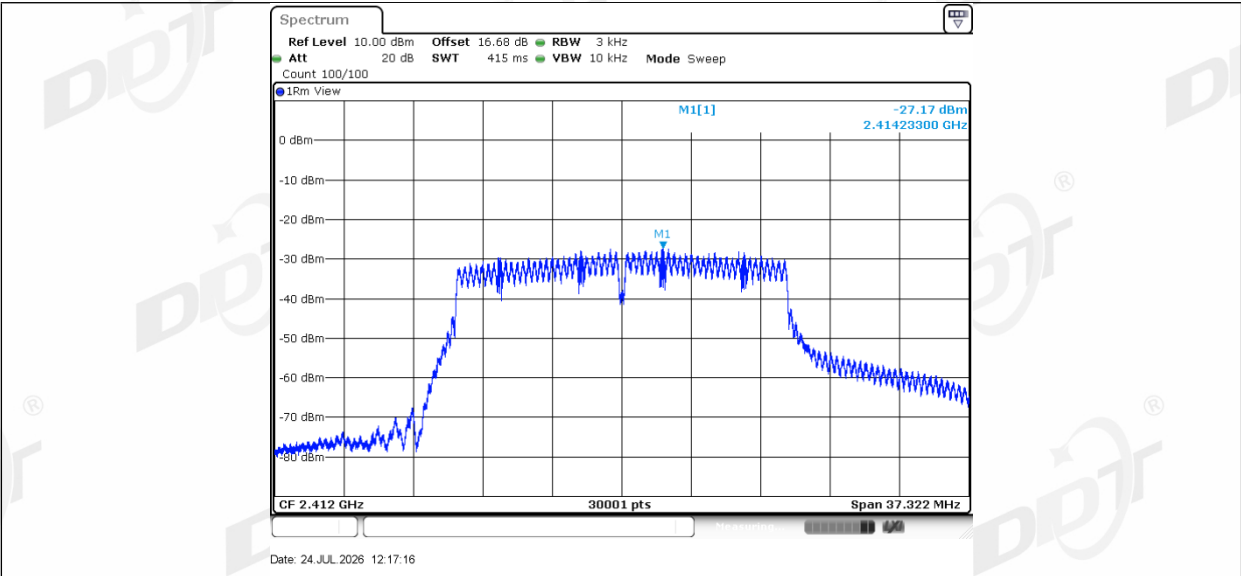
11G Ant1_2462



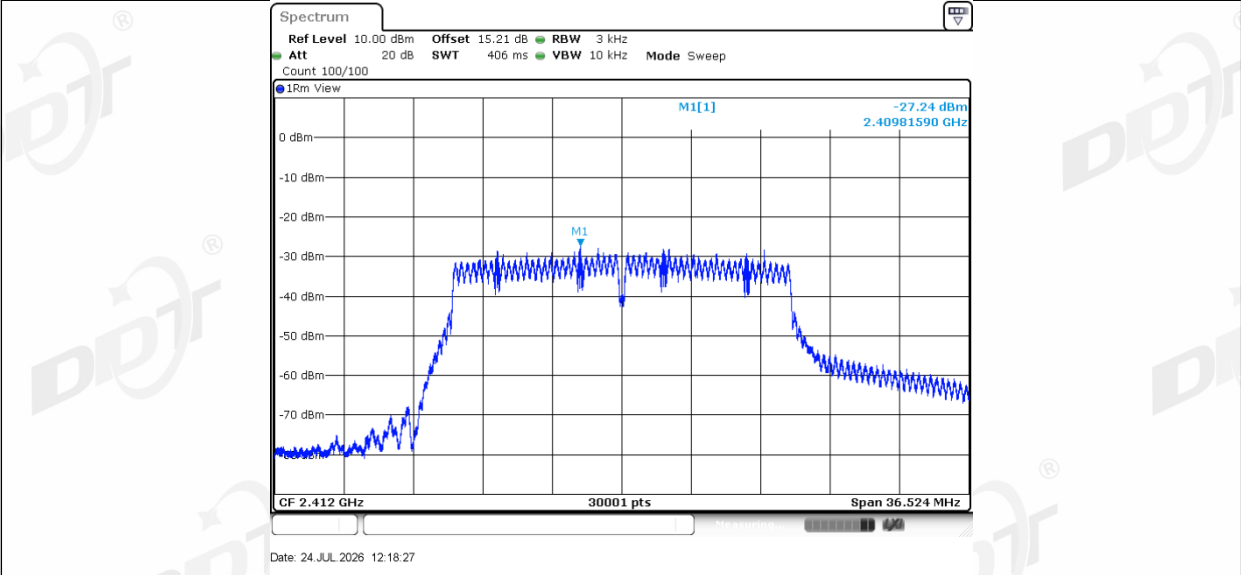
11G Ant2_2462



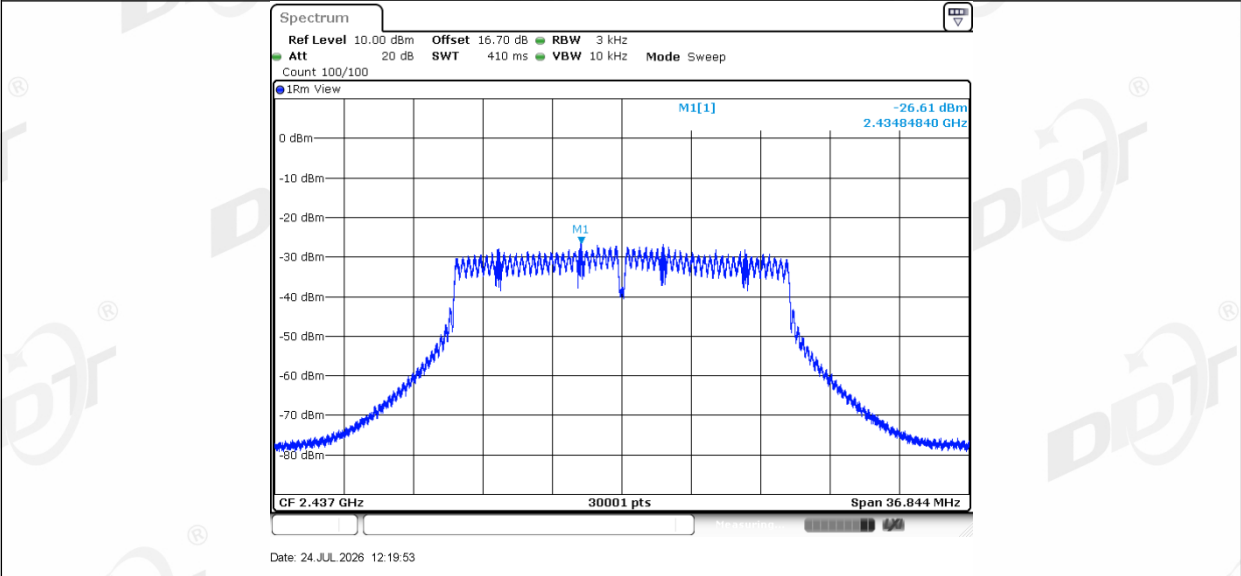
11N20MIMO_Ant1_2412



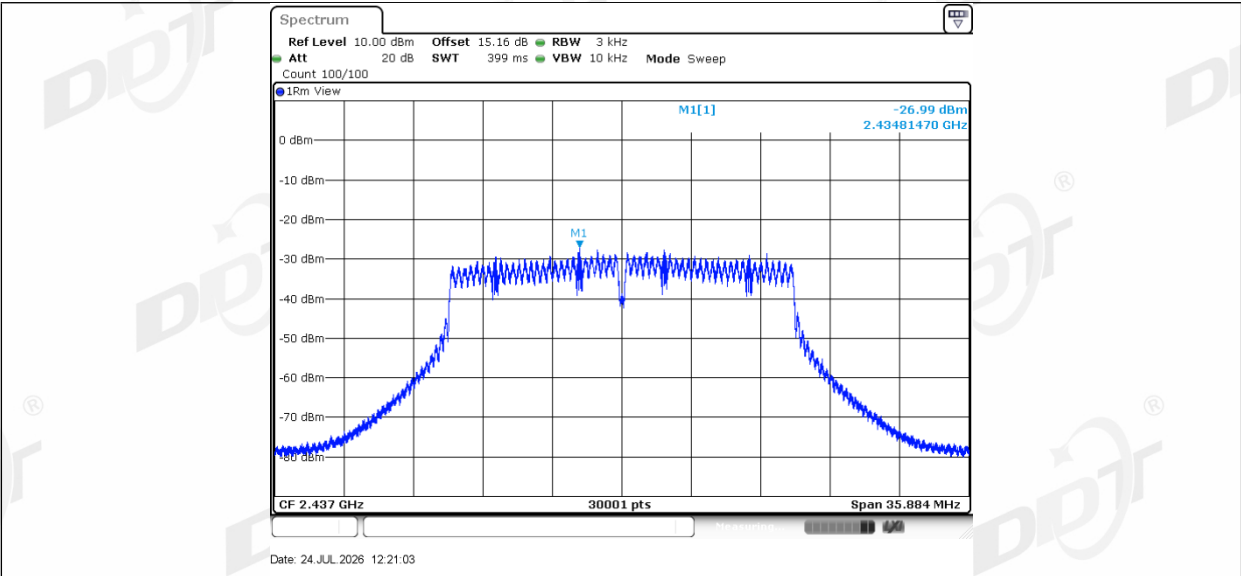
11N20MIMO_Ant2_2412



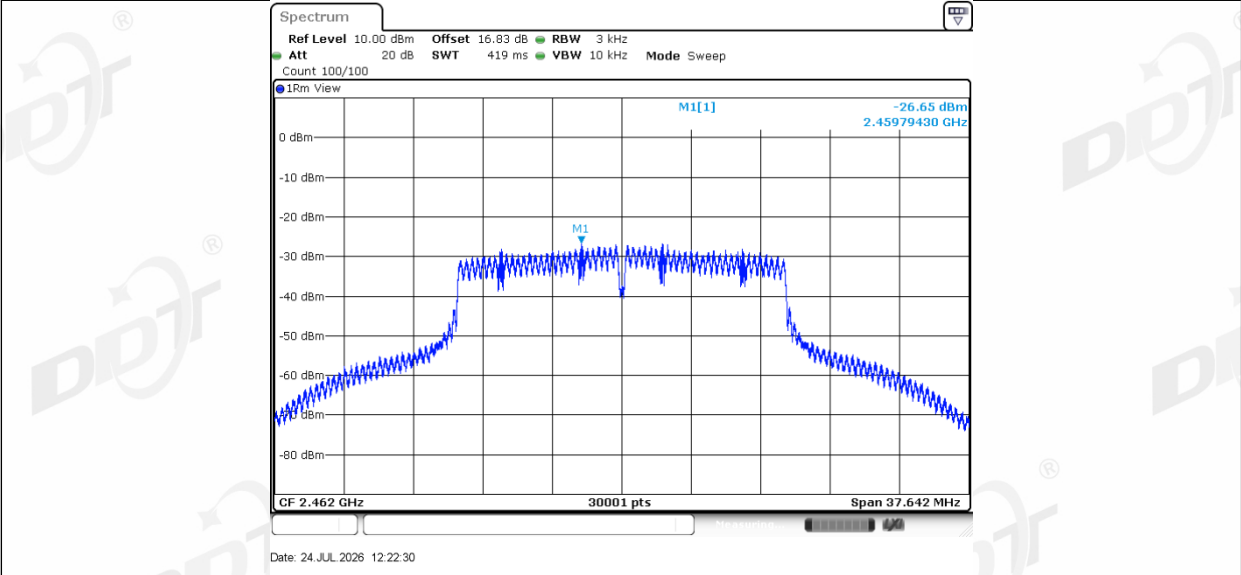
11N20MIMO_Ant1_2437



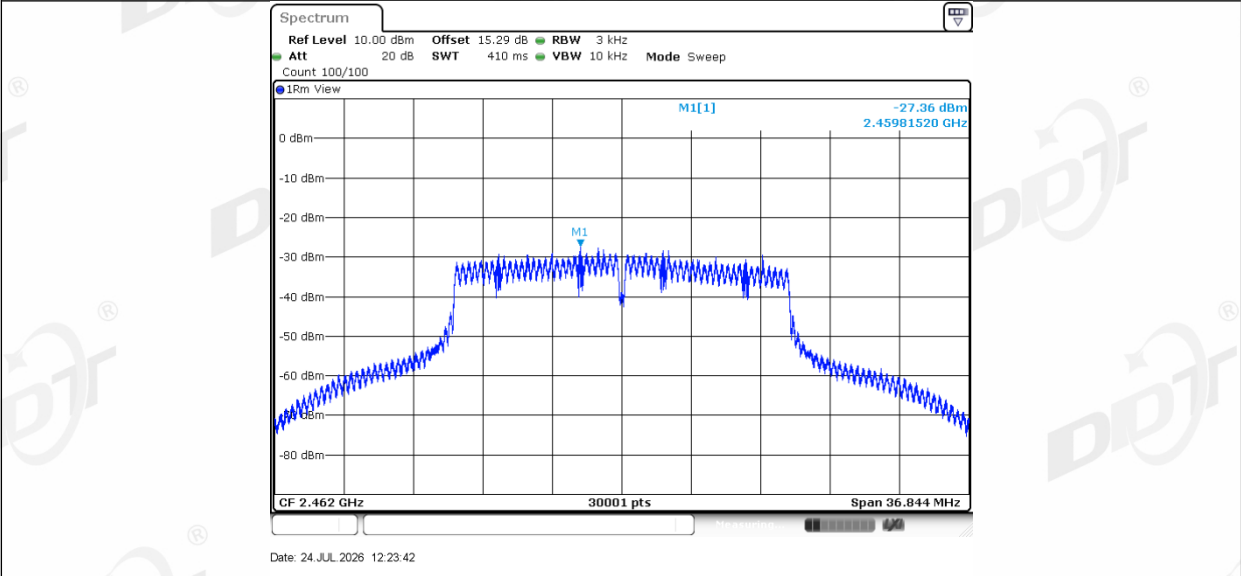
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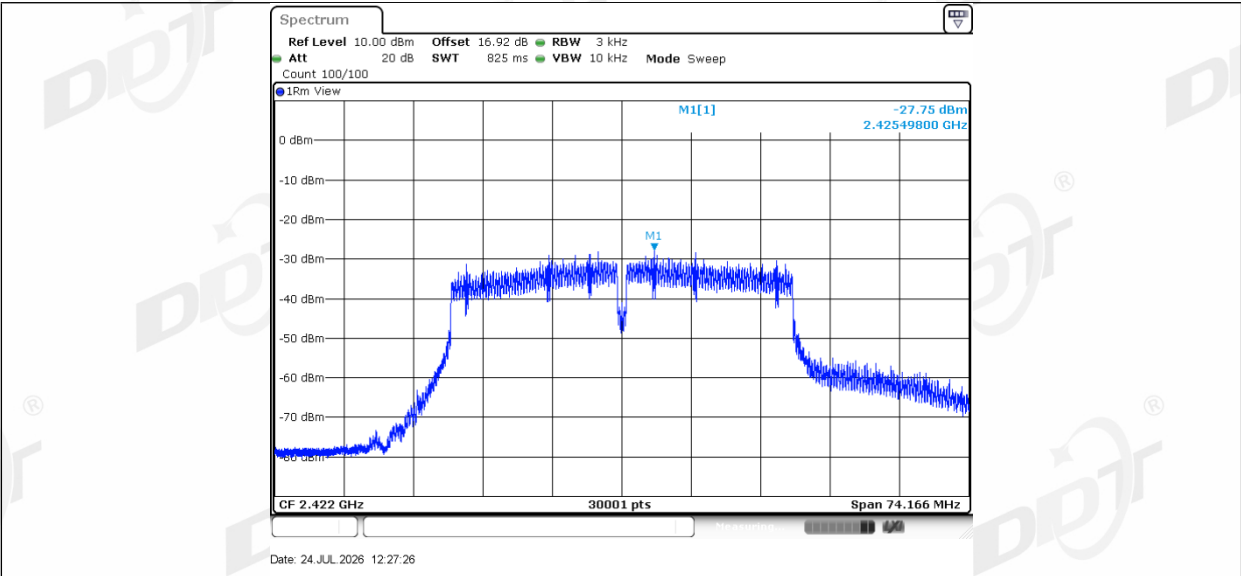
11N20MIMO_Ant1_2462



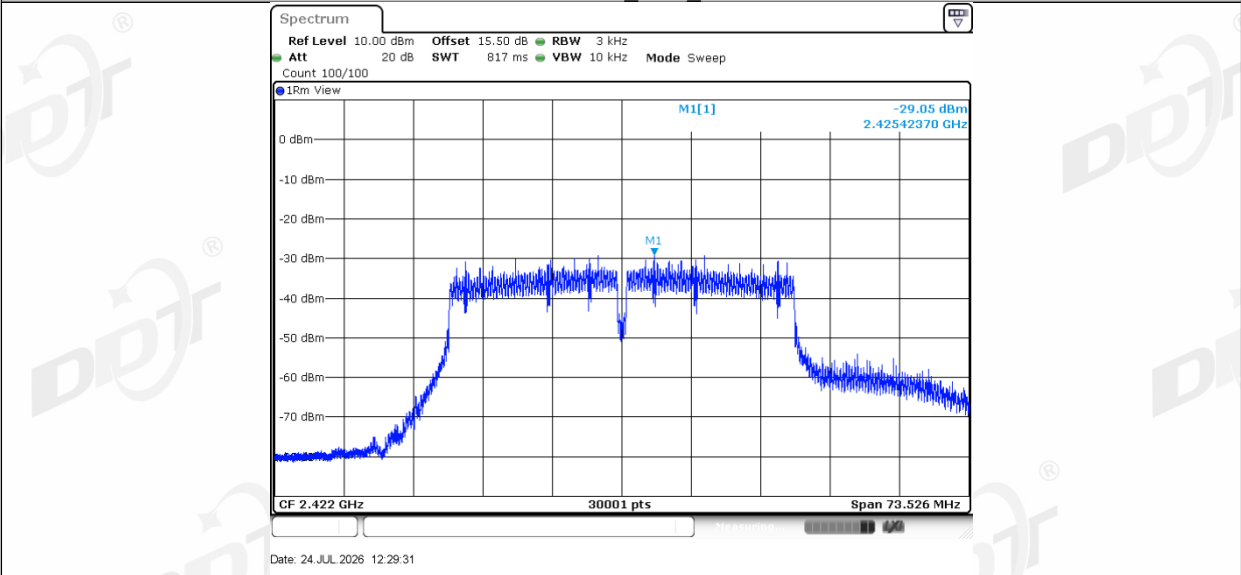
11N20MIMO_Ant2_2462



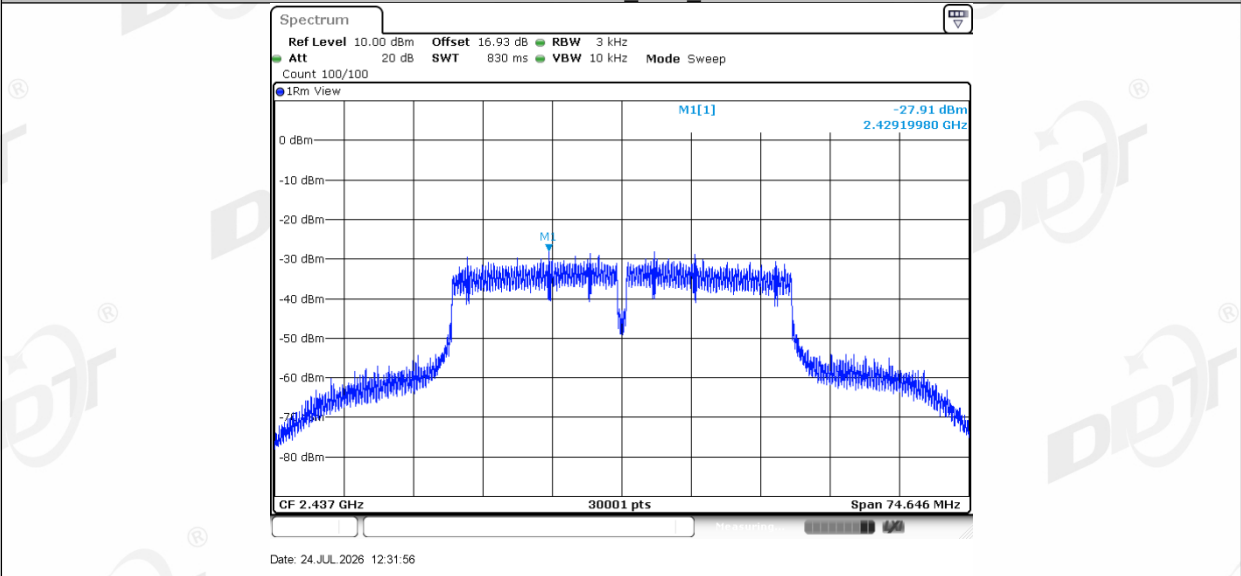
11N40MIMO_Ant1_2422



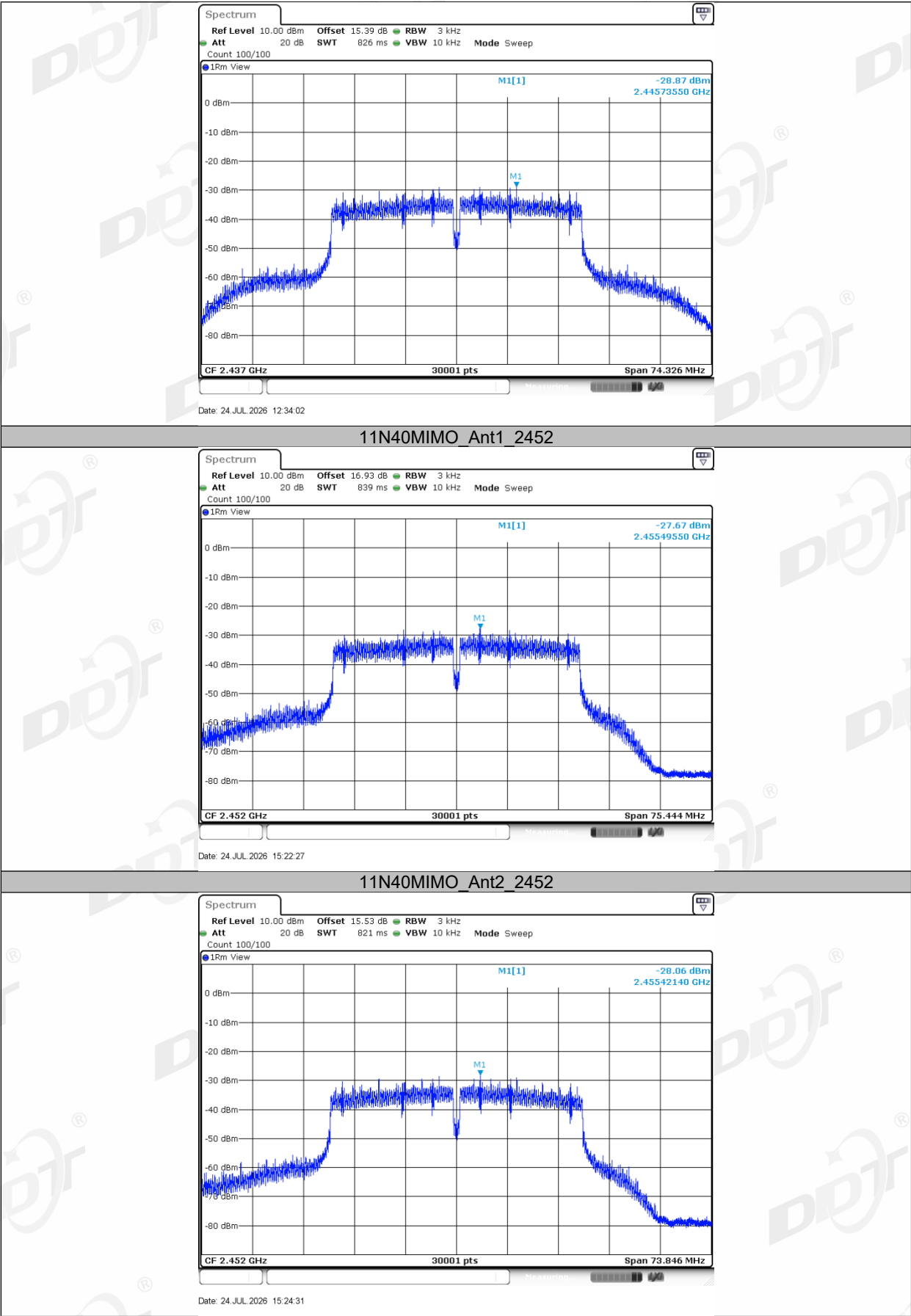
11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437

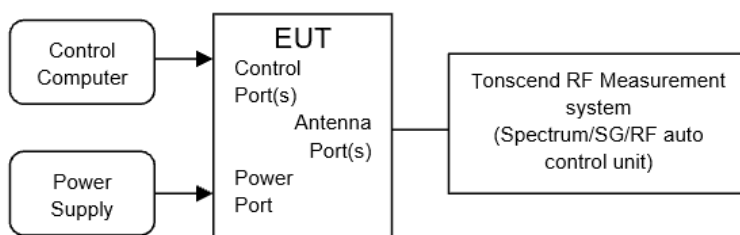


11N40MIMO_Ant2_2437



8. Band Edge Compliance (Conducted Method)

8.1. Block diagram of test setup



8.2. Limits

In any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

8.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Establish a reference level by using the following procedure:

RBW:	100 kHz
VBW:	300 kHz
Span	Encompass frequency range to be measured
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

(3) Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.

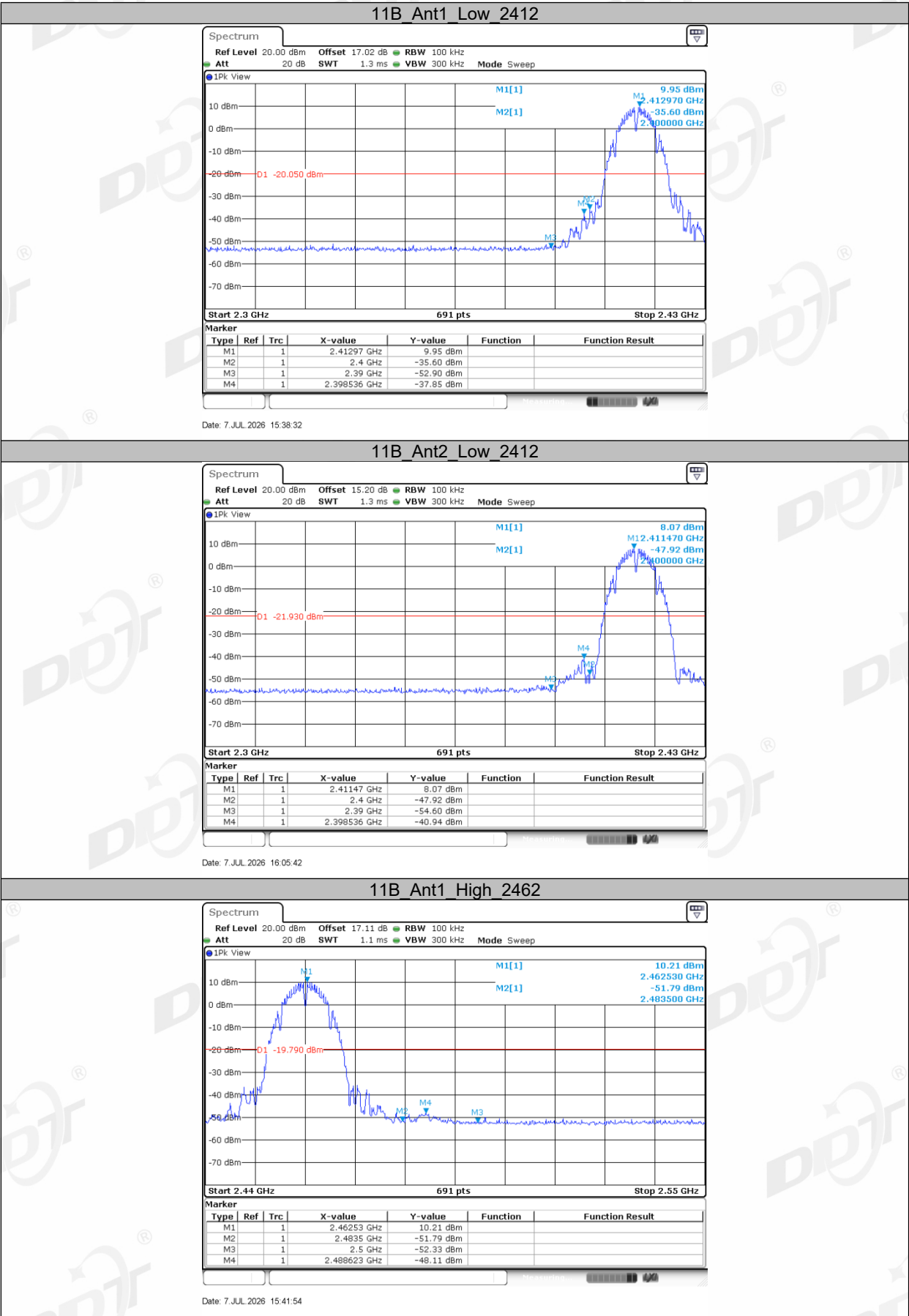
Then mark the maximum amplitude of all unwanted emissions outside of the authorized frequency band.

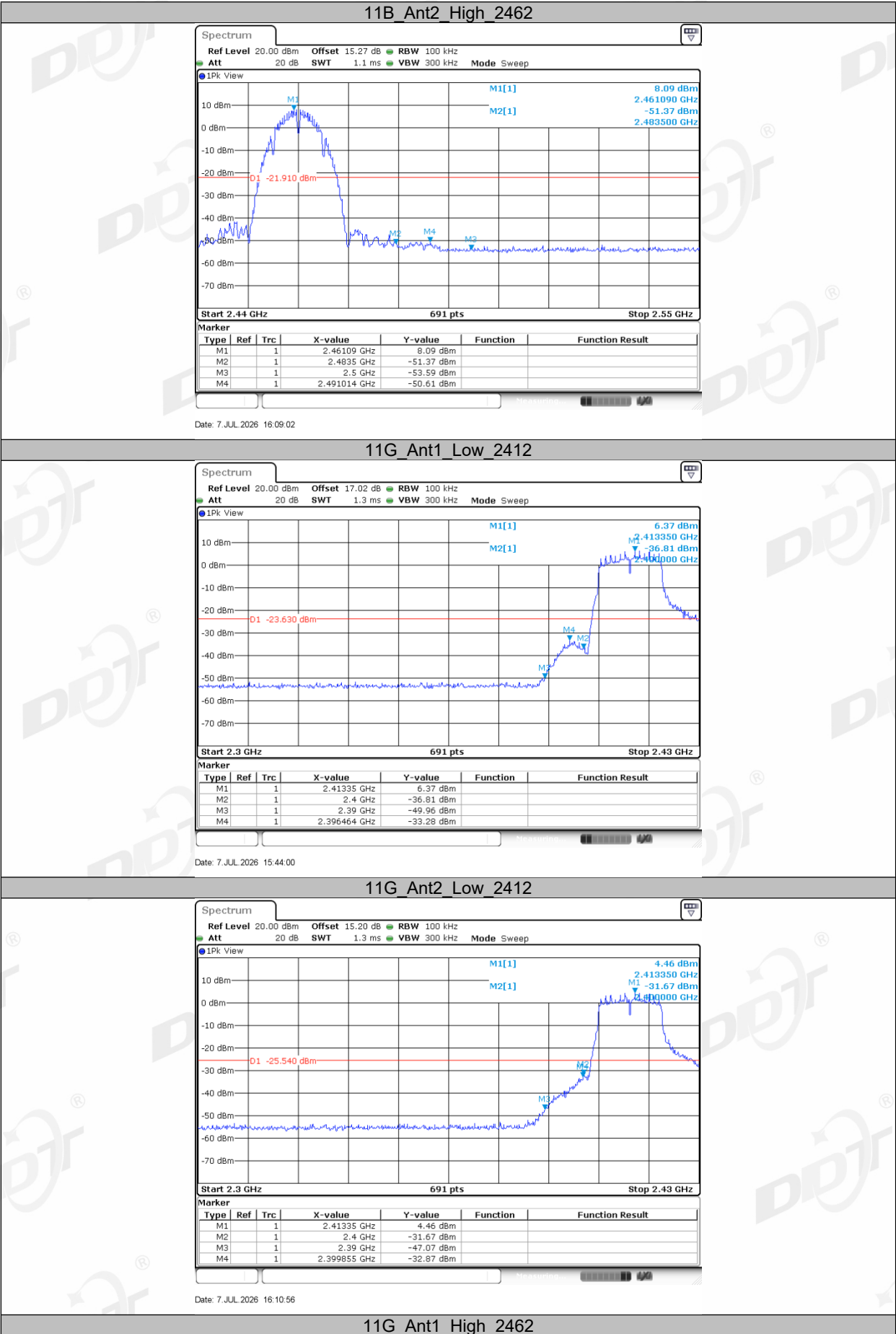
8.4. Test result

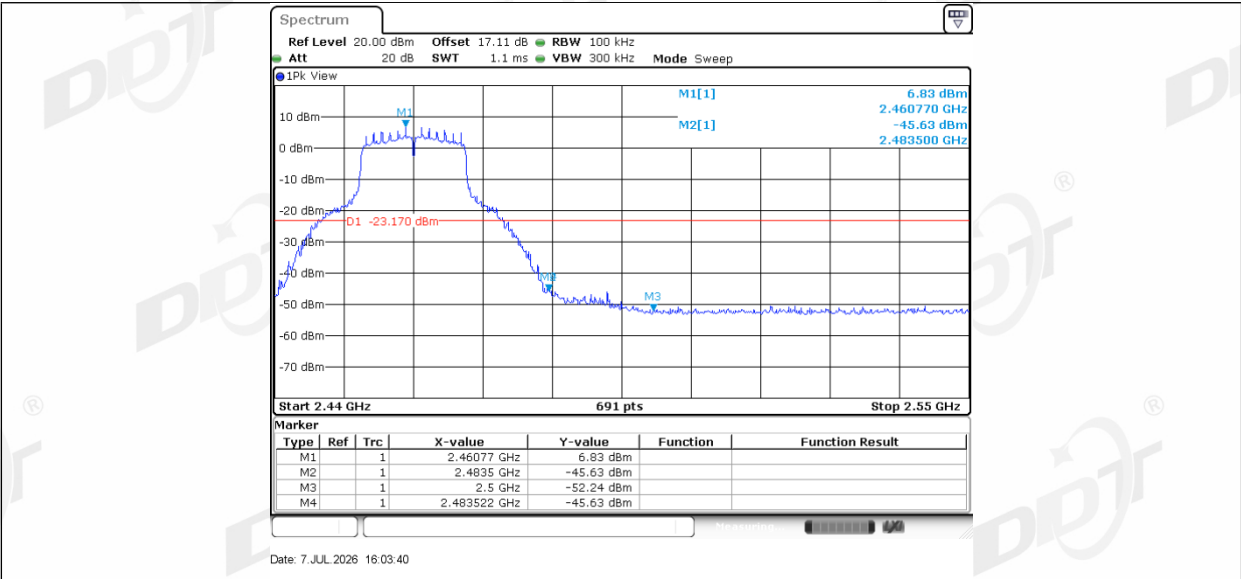
Test Engineer:	Tyang	Test Site:	RF Measurement System 5#
Ambient Condition:	28℃,46%RH	Test Date:	2026.07.06-2026.07.28
Test Power Supply:	Battery	Sample Number:	S26040120-032

EUT Set Mode	CH or Frequency	Result(dBm)	EUT Set Mode	CH or Frequency	Result (dBm)
11b	CH1	Pass	11g	CH1	Pass
	CH11	Pass		CH11	Pass
11n HT 20	CH1	Pass	11n HT 40	CH3	Pass
	CH11	Pass		CH9	Pass

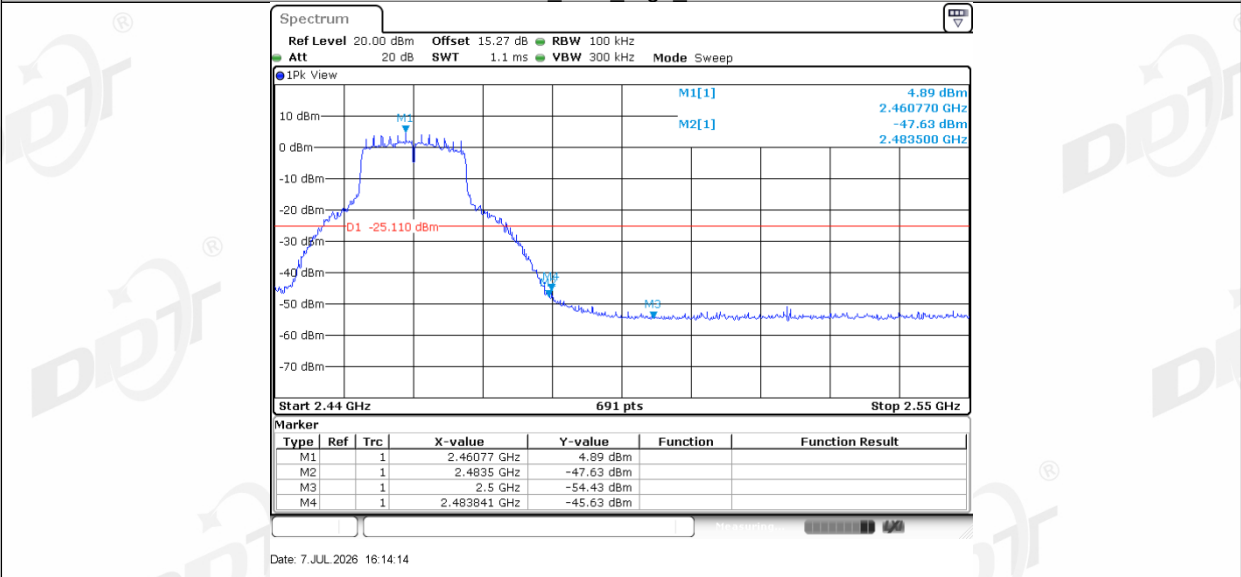
8.5. Test graphs



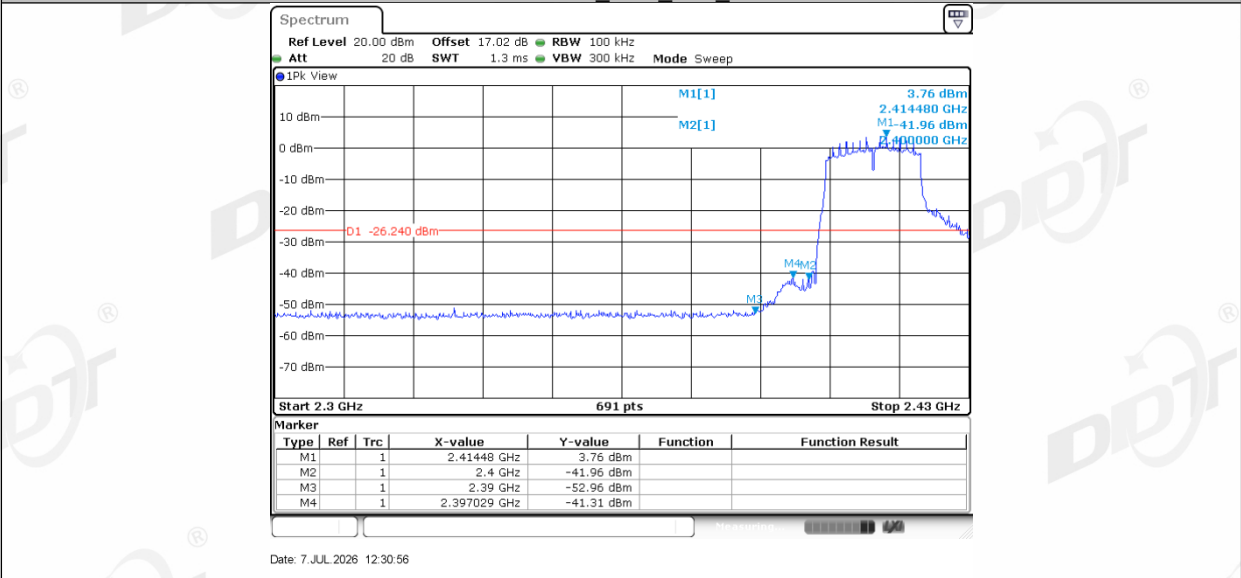




11G Ant2 High 2462



11N20MIMO Ant1 Low 2412



11N20MIMO Ant2 Low 2412