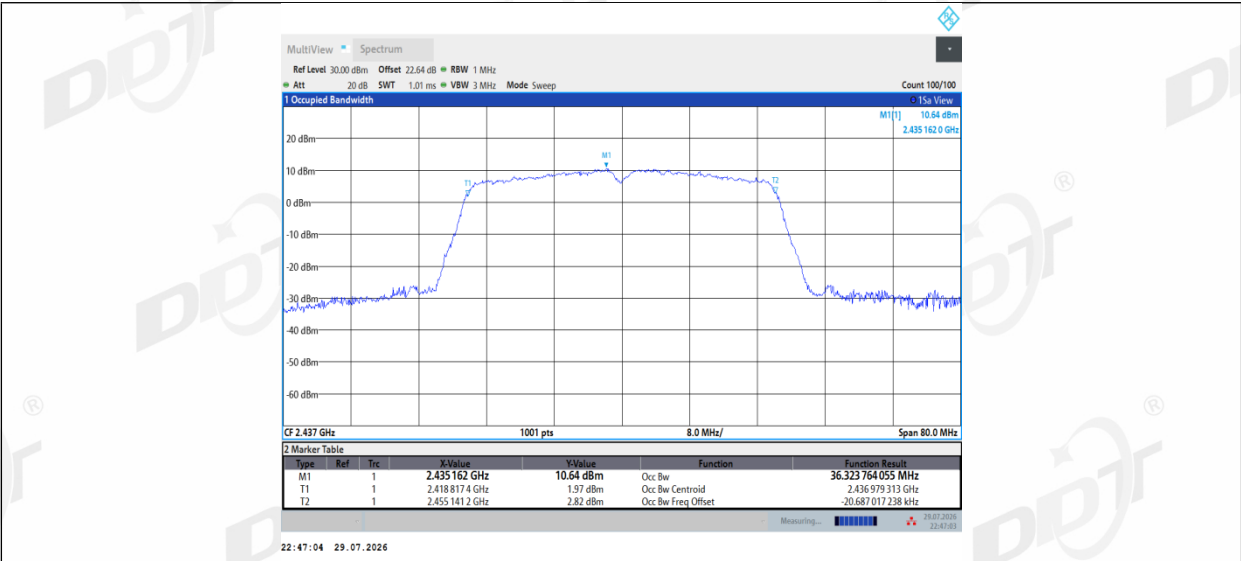
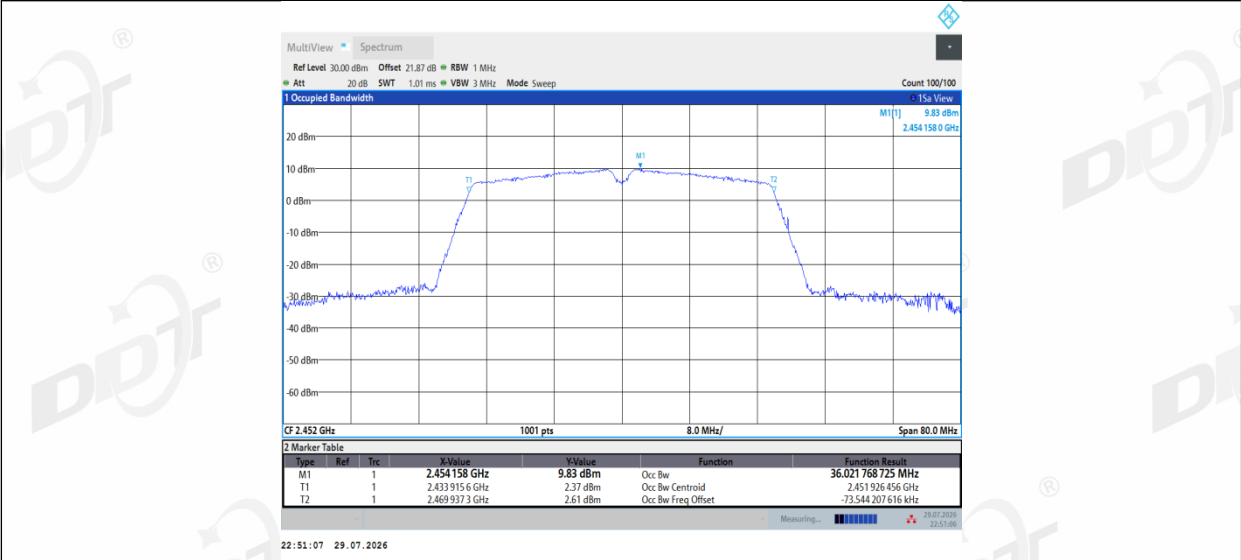
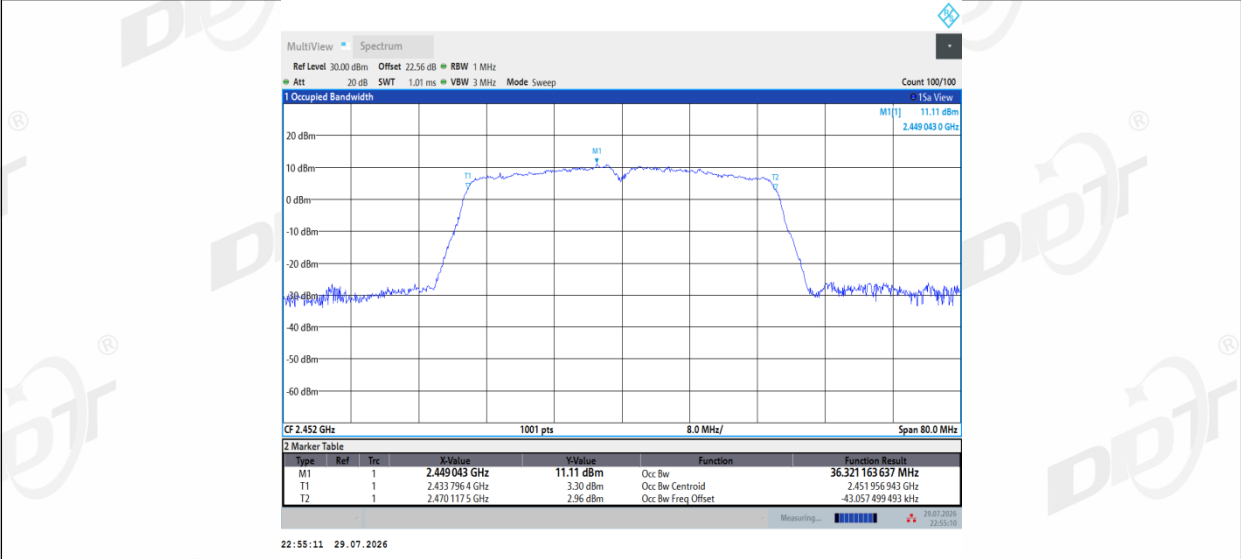




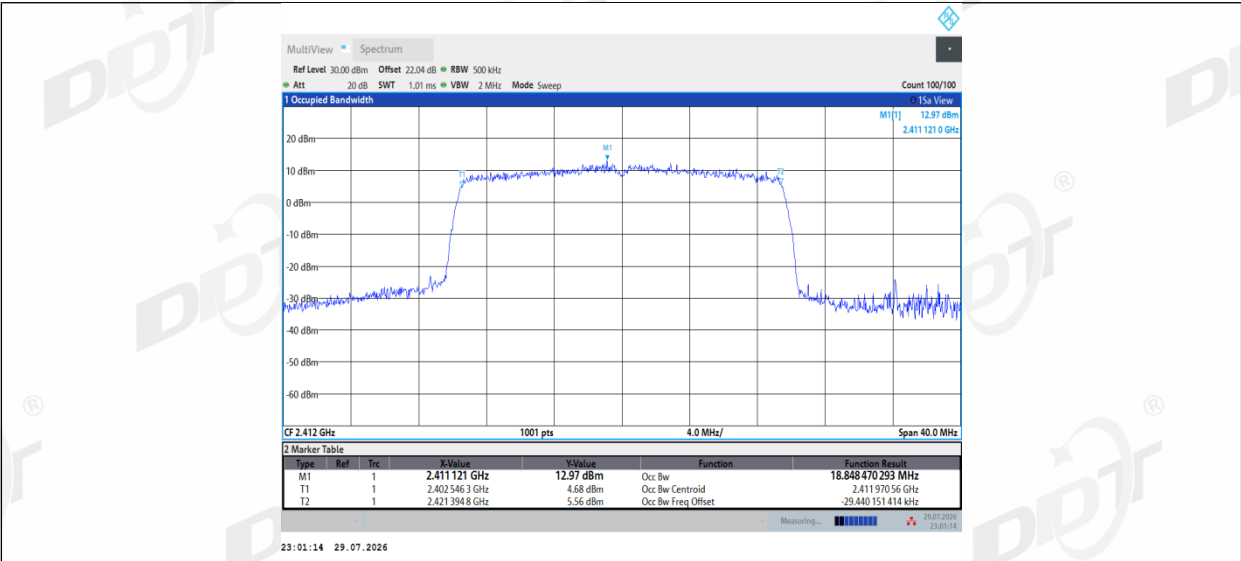
11N40MIMO_Ant1_2452



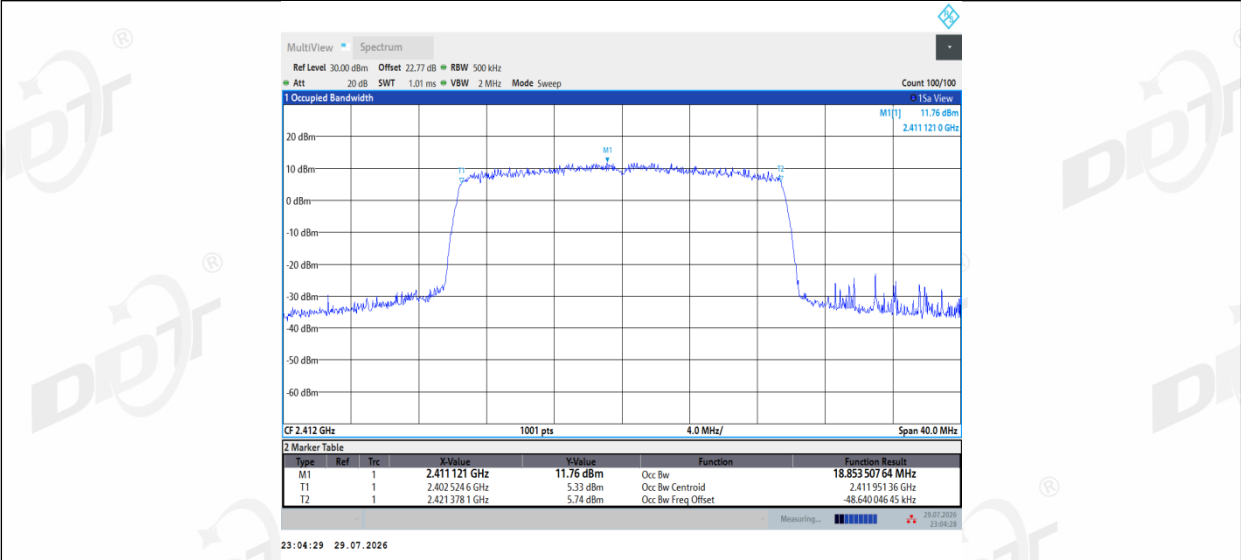
11N40MIMO_Ant2_2452



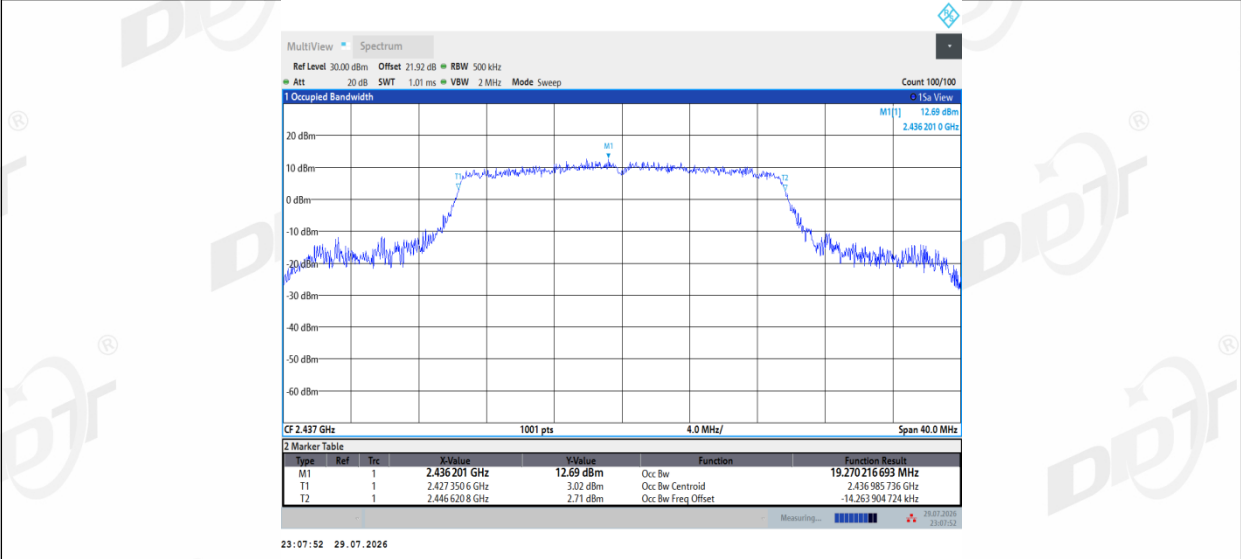
11AX20MIMO_Ant1_2412



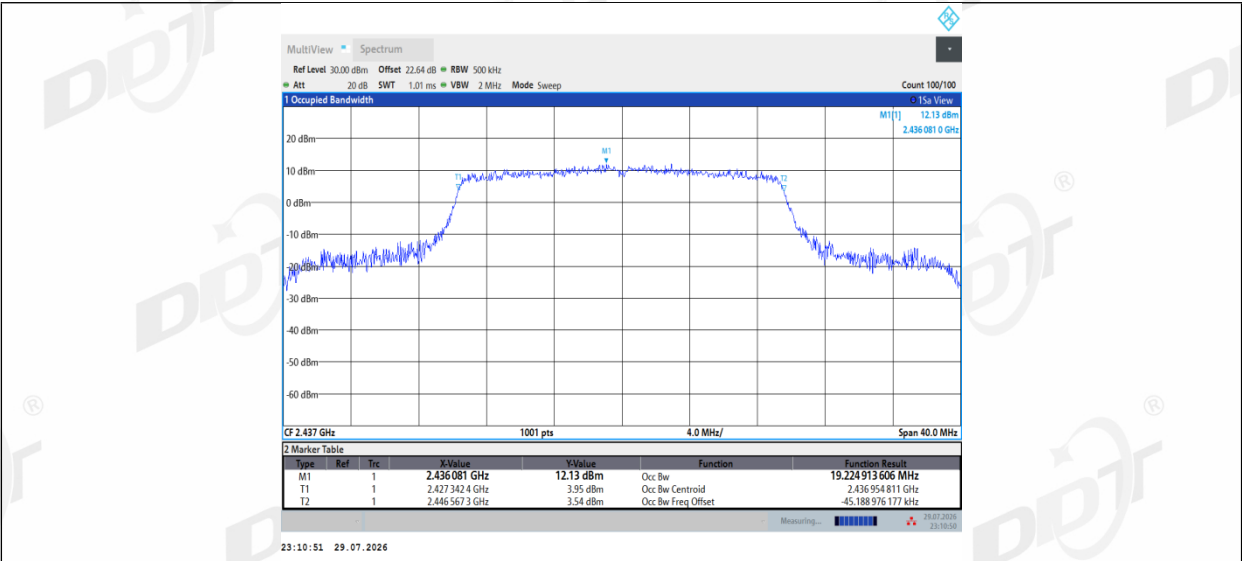
11AX20MIMO_Ant2_2412



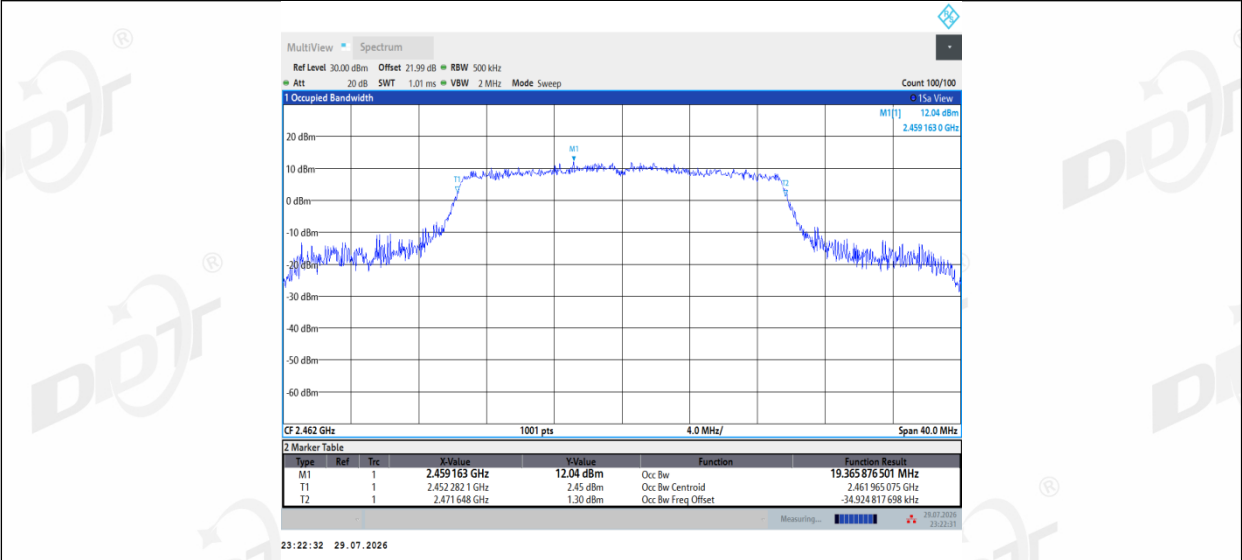
11AX20MIMO_Ant1_2437



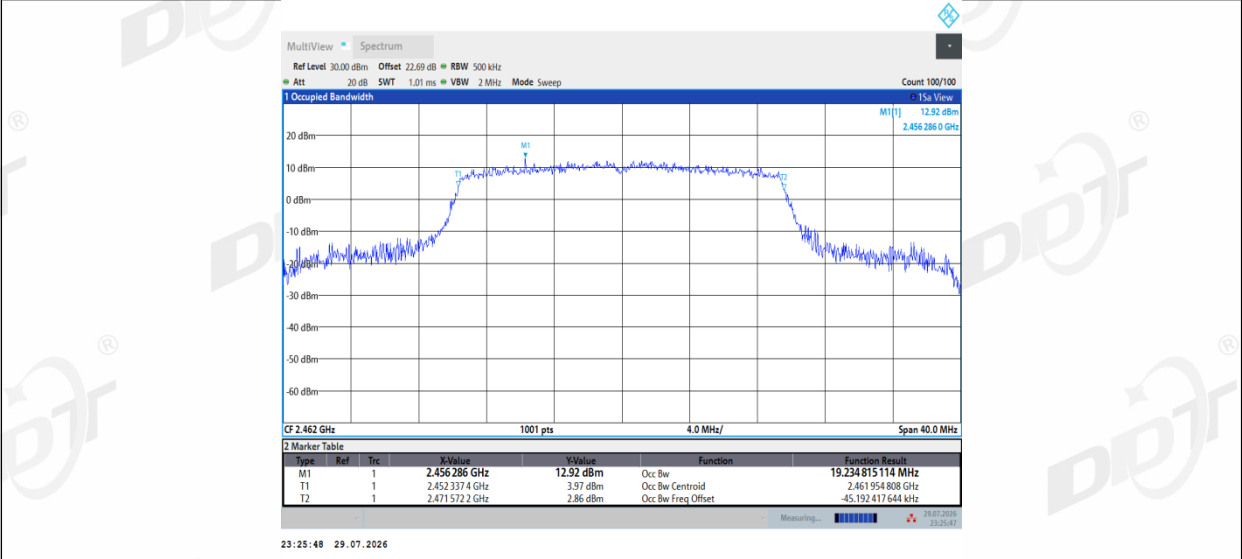
11AX20MIMO_Ant2_2437



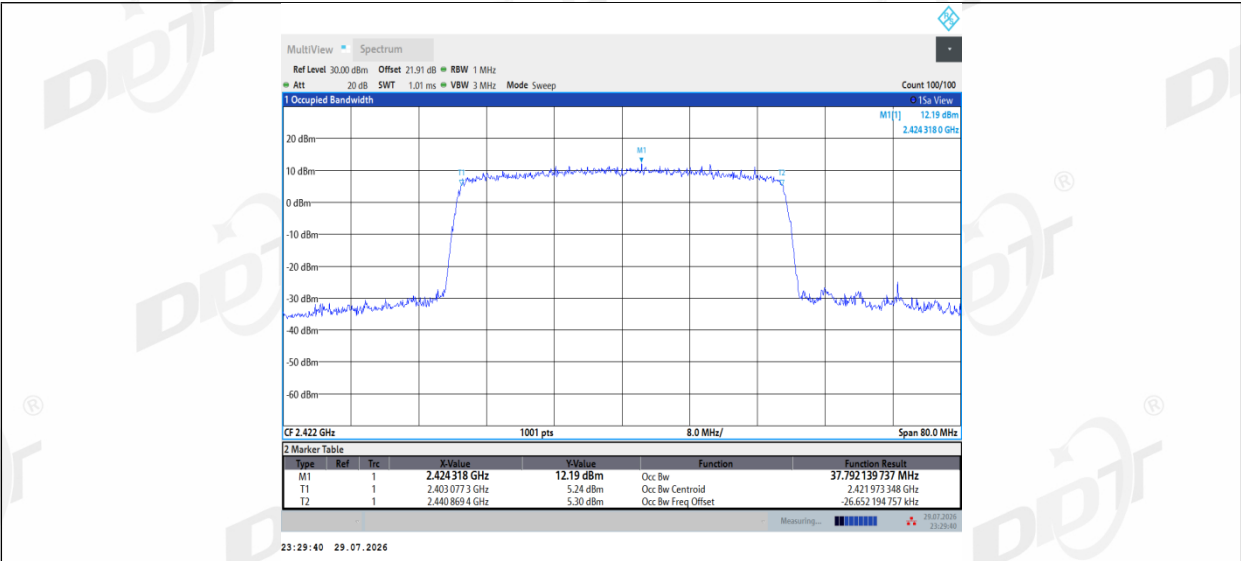
11AX20MIMO_Ant1_2462



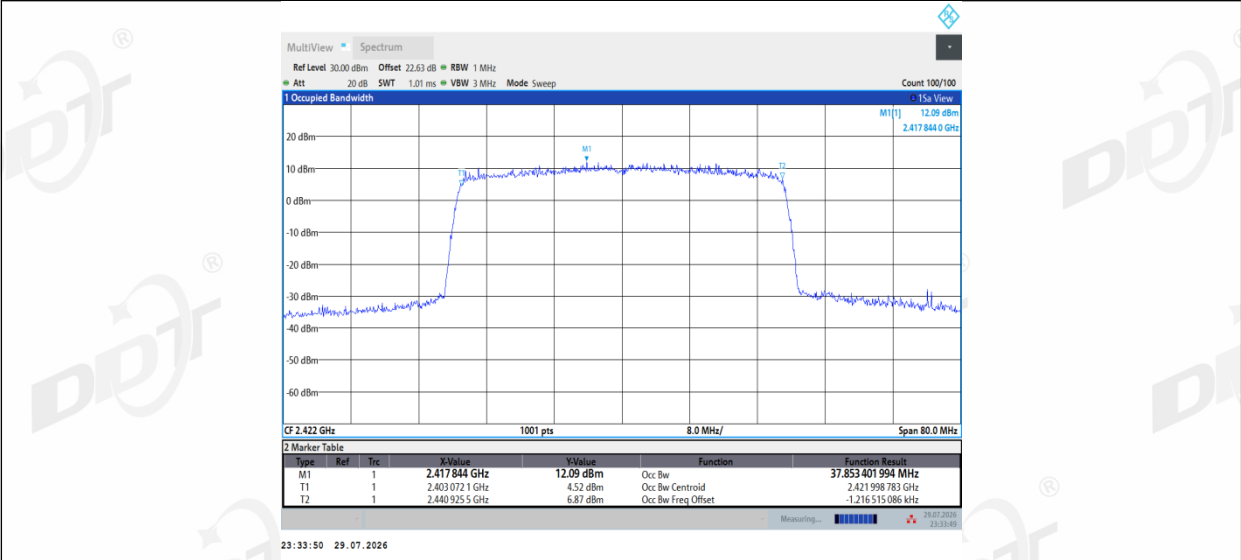
11AX20MIMO_Ant2_2462



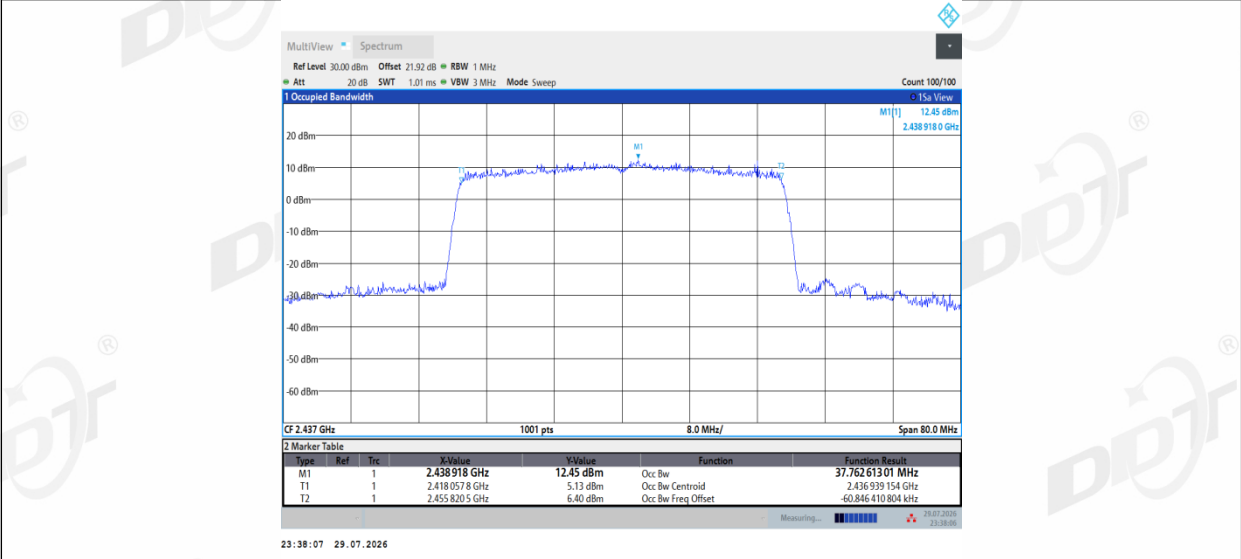
11AX40MIMO_Ant1_2422



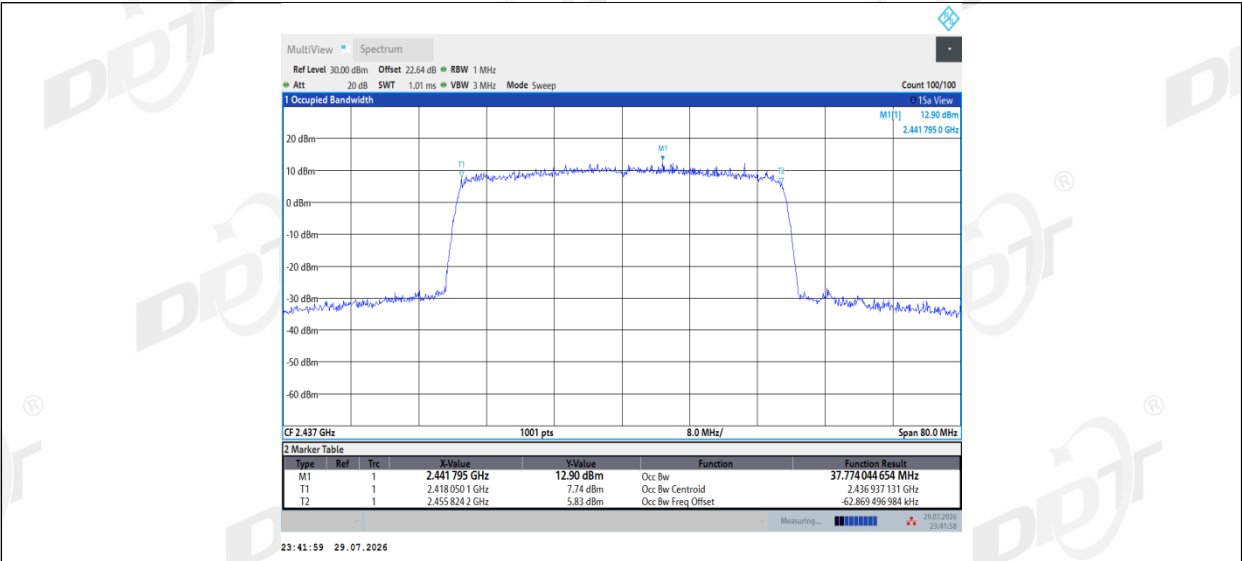
11AX40MIMO_Ant2_2422



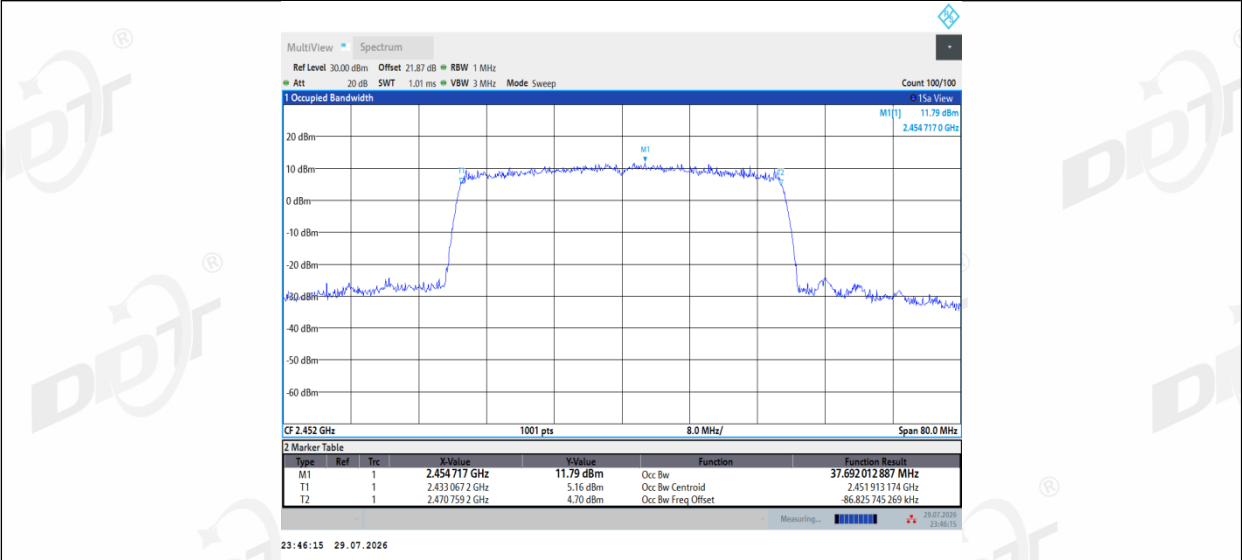
11AX40MIMO_Ant1_2437



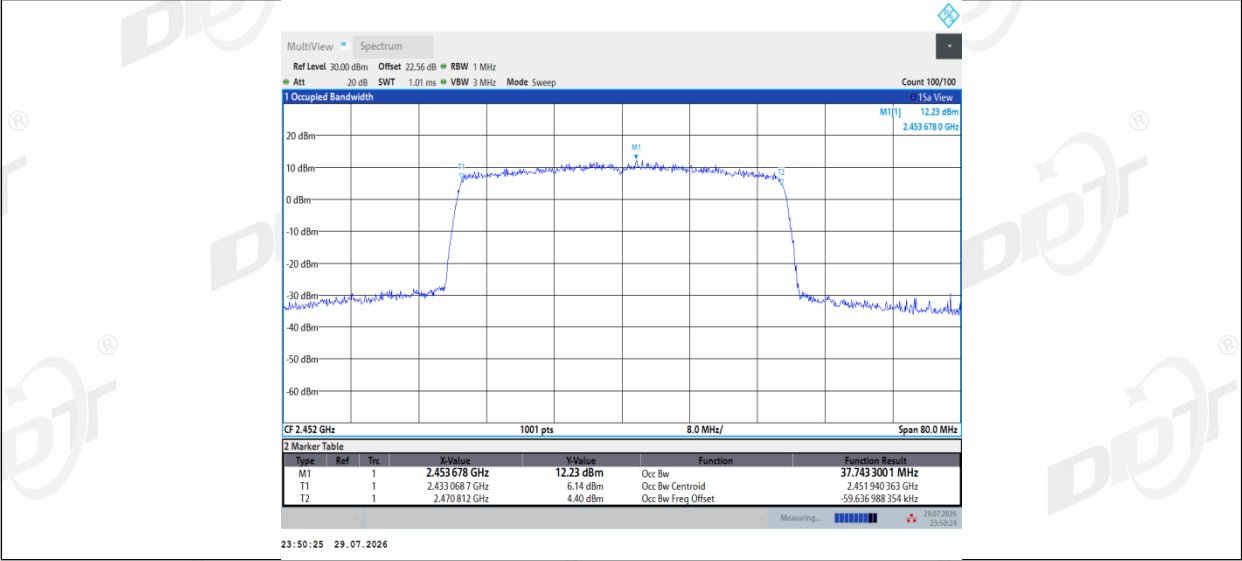
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452

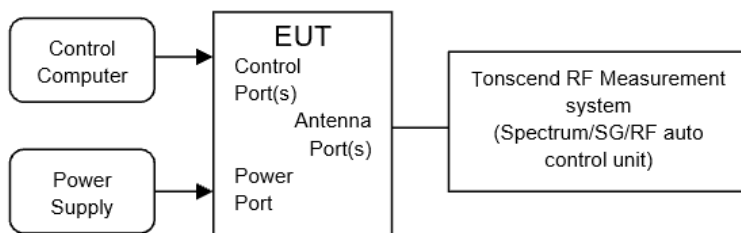


11AX40MIMO_Ant2_2452



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:	Tan Shaofeng	Test Site:	RF Test System 4#
Ambient Condition:	24.3-25.3℃,44.2-46%RH	Test Date:	2026.7.29-2026.9.7
Test Power Supply:	AC 120V/60Hz	Sample Number:	S26072123-004

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	16.39	99.64	0.02	16.41	≤30.00	18.78	≤36.00	PASS
	Ant2	2412	16.27	99.64	0.02	16.29	≤30.00	18.68	≤36.00	PASS
	Ant1	2437	16.27	99.64	0.02	16.29	≤30.00	18.66	≤36.00	PASS
	Ant2	2437	16.36	99.64	0.02	16.38	≤30.00	18.77	≤36.00	PASS
	Ant1	2462	16.40	99.64	0.02	16.42	≤30.00	18.79	≤36.00	PASS
	Ant2	2462	16.68	99.64	0.02	16.70	≤30.00	19.09	≤36.00	PASS
11G	Ant1	2412	15.46	97.20	0.12	15.58	≤30.00	17.95	≤36.00	PASS
	Ant2	2412	15.29	97.20	0.12	15.41	≤30.00	17.8	≤36.00	PASS
	Ant1	2437	15.23	97.20	0.12	15.35	≤30.00	17.72	≤36.00	PASS
	Ant2	2437	15.53	97.89	0.09	15.62	≤30.00	18.01	≤36.00	PASS
	Ant1	2462	15.27	97.89	0.09	15.36	≤30.00	17.73	≤36.00	PASS
	Ant2	2462	15.85	97.89	0.09	15.94	≤30.00	18.33	≤36.00	PASS
11N20MIMO	Ant1	2412	15.47	97.01	0.13	15.60	≤30.00	17.97	≤36.00	PASS
	Ant2	2412	15.52	97.01	0.13	15.65	≤30.00	18.04	≤36.00	PASS
	total	2412	---	---	---	18.64	≤30.00	21.03	≤36.00	PASS
	Ant1	2437	15.32	97.74	0.10	15.42	≤30.00	17.79	≤36.00	PASS
	Ant2	2437	15.80	97.74	0.10	15.90	≤30.00	18.29	≤36.00	PASS
	total	2437	---	---	---	18.68	≤30.00	21.07	≤36.00	PASS
	Ant1	2462	15.39	97.01	0.13	15.52	≤30.00	17.89	≤36.00	PASS
	Ant2	2462	16.12	97.74	0.10	16.22	≤30.00	18.61	≤36.00	PASS
11N40MIMO	total	2462	---	---	---	18.89	≤30.00	21.28	≤36.00	PASS
	Ant1	2422	14.79	94.12	0.26	15.05	≤30.00	17.42	≤36.00	PASS
	Ant2	2422	14.95	95.59	0.20	15.15	≤30.00	17.54	≤36.00	PASS
	total	2422	---	---	---	18.11	≤30.00	20.5	≤36.00	PASS
	Ant1	2437	14.90	95.59	0.20	15.10	≤30.00	17.47	≤36.00	PASS
	Ant2	2437	15.16	95.59	0.20	15.36	≤30.00	17.75	≤36.00	PASS
	total	2437	---	---	---	18.24	≤30.00	20.63	≤36.00	PASS
	Ant1	2452	14.88	95.59	0.20	15.08	≤30.00	17.45	≤36.00	PASS
11AX20MIMO	Ant2	2452	15.30	94.12	0.26	15.56	≤30.00	17.95	≤36.00	PASS
	total	2452	---	---	---	18.34	≤30.00	20.73	≤36.00	PASS
	Ant1	2412	15.69	96.23	0.17	15.86	≤30.00	18.23	≤36.00	PASS
	Ant2	2412	15.51	96.23	0.17	15.68	≤30.00	18.07	≤36.00	PASS
	total	2412	---	---	---	18.78	≤30.00	21.17	≤36.00	PASS
	Ant1	2437	15.77	97.14	0.13	15.90	≤30.00	18.27	≤36.00	PASS
	Ant2	2437	15.76	96.19	0.17	15.93	≤30.00	18.32	≤36.00	PASS
	total	2437	---	---	---	18.93	≤30.00	21.32	≤36.00	PASS
11AX40MIMO	Ant1	2462	15.57	96.19	0.17	15.74	≤30.00	18.11	≤36.00	PASS
	Ant2	2462	15.86	96.19	0.17	16.03	≤30.00	18.42	≤36.00	PASS
	total	2462	---	---	---	18.90	≤30.00	21.29	≤36.00	PASS
	Ant1	2422	15.26	92.98	0.32	15.58	≤30.00	17.95	≤36.00	PASS
	Ant2	2422	15.11	94.64	0.24	15.35	≤30.00	17.74	≤36.00	PASS
	total	2422	---	---	---	18.48	≤30.00	20.87	≤36.00	PASS
	Ant1	2437	15.33	94.74	0.23	15.56	≤30.00	17.93	≤36.00	PASS
	Ant2	2437	15.30	94.74	0.23	15.53	≤30.00	17.92	≤36.00	PASS
11AX40MIMO	total	2437	---	---	---	18.56	≤30.00	20.95	≤36.00	PASS
	Ant1	2452	15.34	94.74	0.23	15.57	≤30.00	17.94	≤36.00	PASS
	Ant2	2452	15.20	92.98	0.32	15.52	≤30.00	17.91	≤36.00	PASS
	total	2452	---	---	---	18.56	≤30.00	20.95	≤36.00	PASS

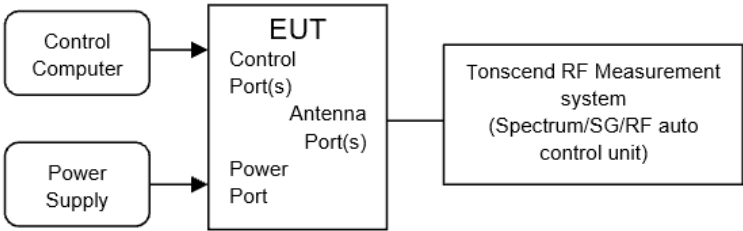
Test Mode	Antenna	Frequency [MHz]	Ru Size	Ru Index	Result [dBm]	Conducted Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20MIMO	Ant1	2412	26Tone	RU0	12.85	≤30.00	15.22	≤36.00	PASS
			52Tone	RU37	13.42	≤30.00	15.79	≤36.00	PASS
			106Tone	RU53	13.62	≤30.00	15.99	≤36.00	PASS
	Ant2	2412	26Tone	RU0	12.73	≤30.00	15.12	≤36.00	PASS
			52Tone	RU37	13.25	≤30.00	15.64	≤36.00	PASS
			106Tone	RU53	13.54	≤30.00	15.93	≤36.00	PASS
	total	2412	26Tone	RU0	15.80	≤30.00	18.19	≤36.00	PASS
			52Tone	RU37	16.35	≤30.00	18.74	≤36.00	PASS
			106Tone	RU53	16.59	≤30.00	18.98	≤36.00	PASS
	Ant1	2462	26Tone	RU8	12.57	≤30.00	14.94	≤36.00	PASS
			52Tone	RU40	13.02	≤30.00	15.39	≤36.00	PASS
			106Tone	RU54	13.14	≤30.00	15.51	≤36.00	PASS
	Ant2	2462	26Tone	RU8	12.55	≤30.00	14.94	≤36.00	PASS
			52Tone	RU40	12.91	≤30.00	15.30	≤36.00	PASS
			106Tone	RU54	13.23	≤30.00	15.62	≤36.00	PASS
	total	2462	26Tone	RU8	15.57	≤30.00	17.96	≤36.00	PASS
			52Tone	RU40	15.98	≤30.00	18.37	≤36.00	PASS
			106Tone	RU54	16.20	≤30.00	18.59	≤36.00	PASS

Note 1: EIRP (dBm)=Conducted Output Power (dBm)+ Antenna Gain (dBi)

Note 2: The Duty Cycle Factor is compensated in the result.

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

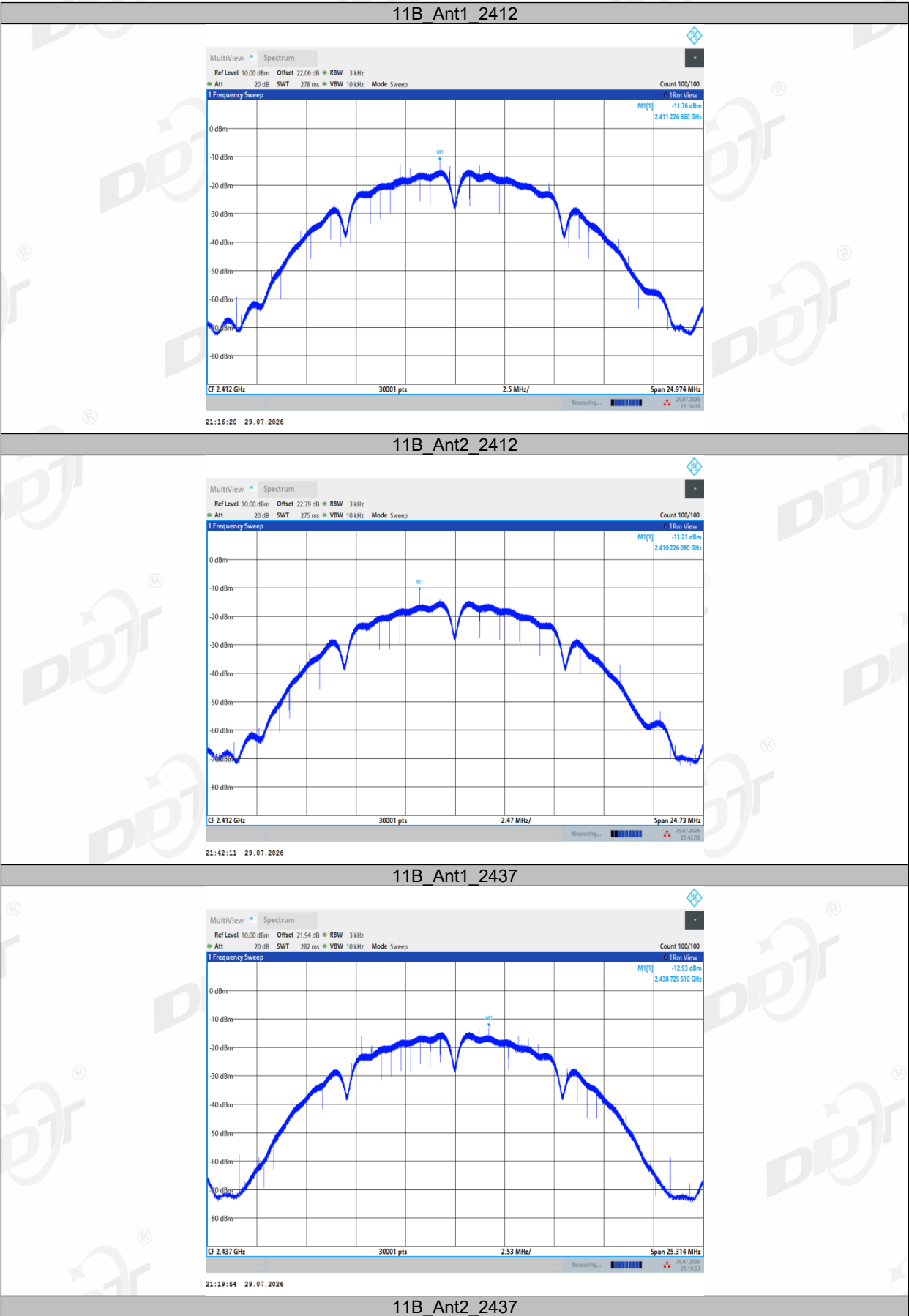
Test Engineer:	Tan Shaofeng	Test Site:	RF Test System 4#
Ambient Condition:	24.3-25.3℃,44.2-46%RH	Test Date:	2026.7.29-2026.9.7
Test Power Supply:	AC 120V/60Hz	Sample Number:	S26072123-004

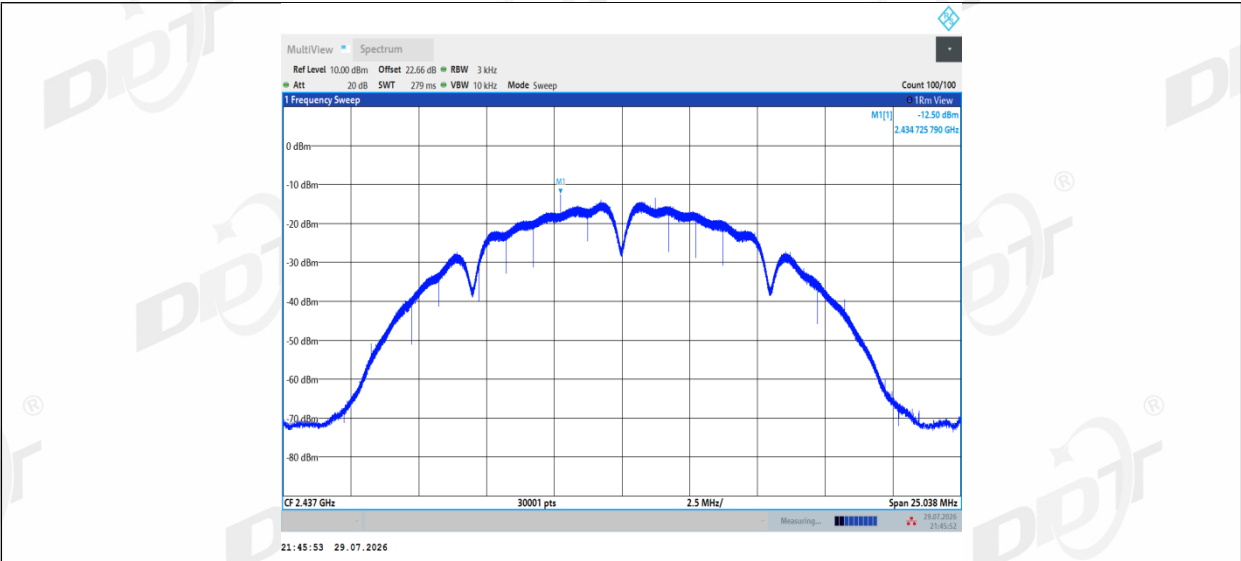
Test Mode	Antenna	Frequency [MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.76	≤8.00	PASS
	Ant2	2412	-11.21	≤8.00	PASS
	Ant1	2437	-12.93	≤8.00	PASS
	Ant2	2437	-12.50	≤8.00	PASS
	Ant1	2462	-12.98	≤8.00	PASS
	Ant2	2462	-11.48	≤8.00	PASS
11G	Ant1	2412	-15.74	≤8.00	PASS
	Ant2	2412	-16.13	≤8.00	PASS
	Ant1	2437	-16.42	≤8.00	PASS
	Ant2	2437	-15.38	≤8.00	PASS
	Ant1	2462	-16.25	≤8.00	PASS
	Ant2	2462	-15.03	≤8.00	PASS
11N20MIMO	Ant1	2412	-16.04	≤8.00	PASS
	Ant2	2412	-16.10	≤8.00	PASS
	total	2412	-13.06	≤8.00	PASS
	Ant1	2437	-16.47	≤8.00	PASS
	Ant2	2437	-16.21	≤8.00	PASS
	total	2437	-13.33	≤8.00	PASS
	Ant1	2462	-16.69	≤8.00	PASS
	Ant2	2462	-15.94	≤8.00	PASS
	total	2462	-13.29	≤8.00	PASS
	Ant1	2422	-19.49	≤8.00	PASS
11N40MIMO	Ant2	2422	-19.11	≤8.00	PASS
	total	2422	-16.29	≤8.00	PASS
	Ant1	2437	-19.39	≤8.00	PASS
	Ant2	2437	-18.66	≤8.00	PASS
	total	2437	-16.00	≤8.00	PASS
	Ant1	2452	-19.42	≤8.00	PASS
	Ant2	2452	-19.02	≤8.00	PASS
	total	2452	-16.21	≤8.00	PASS
	Ant1	2412	-16.47	≤8.00	PASS
	Ant2	2412	-16.79	≤8.00	PASS
11AX20MIMO	total	2412	-13.62	≤8.00	PASS
	Ant1	2437	-16.76	≤8.00	PASS
	Ant2	2437	-16.89	≤8.00	PASS
	total	2437	-13.81	≤8.00	PASS
	Ant1	2462	-16.51	≤8.00	PASS
	Ant2	2462	-16.58	≤8.00	PASS
	total	2462	-13.53	≤8.00	PASS
	Ant1	2422	-20.15	≤8.00	PASS
	Ant2	2422	-19.63	≤8.00	PASS
	total	2422	-16.87	≤8.00	PASS
11AX40MIMO	Ant1	2437	-20.03	≤8.00	PASS
	Ant2	2437	-20.06	≤8.00	PASS
	total	2437	-17.03	≤8.00	PASS
	Ant1	2452	-19.89	≤8.00	PASS
	Ant2	2452	-19.46	≤8.00	PASS
	total	2452	-16.66	≤8.00	PASS

Test Mode	Antenna	Frequency [MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20MIMO	Ant1	2412	26Tone	RU0	-9.80	≤8.00	PASS
			52Tone	RU37	-11.72	≤8.00	PASS
			106Tone	RU53	-13.26	≤8.00	PASS
	Ant2	2412	26Tone	RU0	-9.66	≤8.00	PASS
			52Tone	RU37	-10.56	≤8.00	PASS
			106Tone	RU53	-13.73	≤8.00	PASS
	total	2412	26Tone	RU0	-6.72	≤8.00	PASS
			52Tone	RU37	-8.09	≤8.00	PASS
			106Tone	RU53	-10.48	≤8.00	PASS
	Ant1	2462	26Tone	RU8	-8.50	≤8.00	PASS
			52Tone	RU40	-10.78	≤8.00	PASS
			106Tone	RU54	-14.54	≤8.00	PASS
	Ant2	2462	26Tone	RU8	-10.03	≤8.00	PASS
			52Tone	RU40	-11.27	≤8.00	PASS
			106Tone	RU54	-14.03	≤8.00	PASS
	total	2462	26Tone	RU8	-6.19	≤8.00	PASS
			52Tone	RU40	-8.01	≤8.00	PASS
			106Tone	RU54	-11.27	≤8.00	PASS

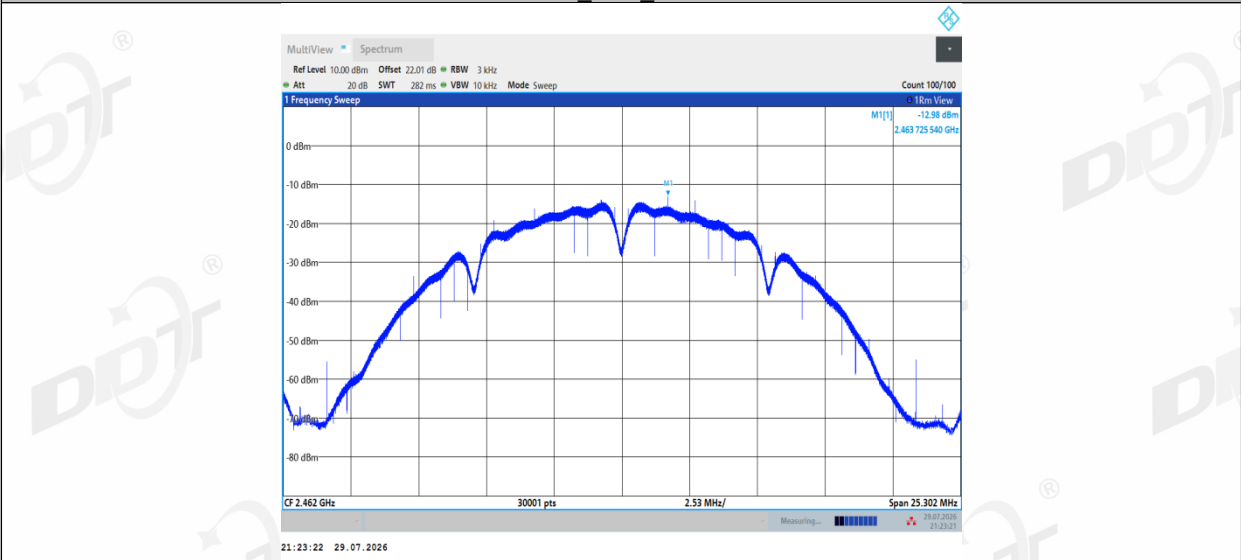
Note: The Duty Cycle Factor is compensated in the graph.

7.5. Test graphs

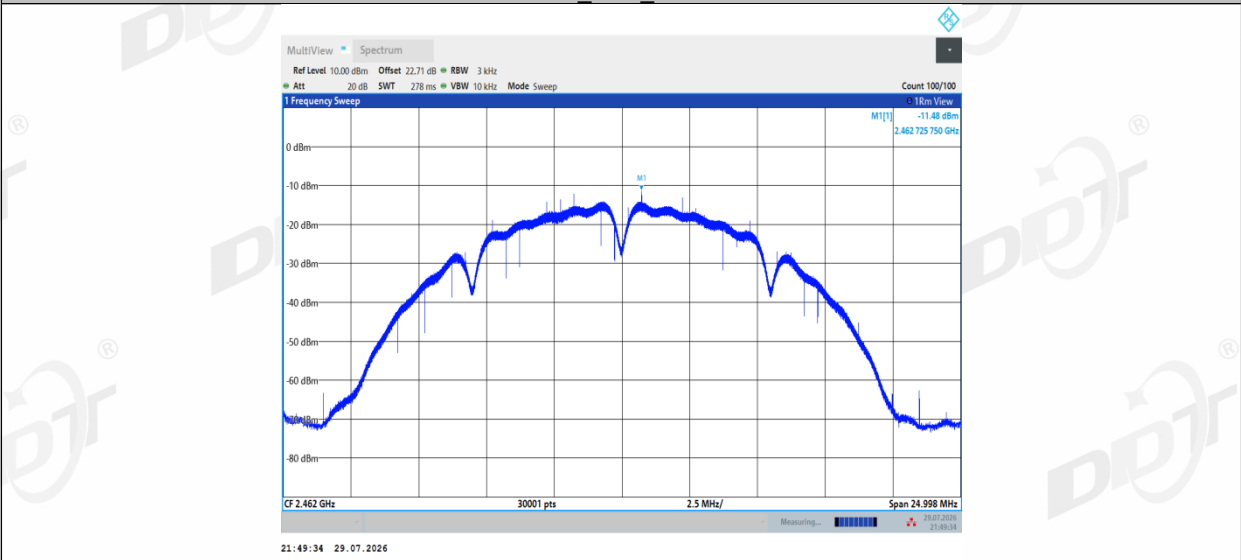




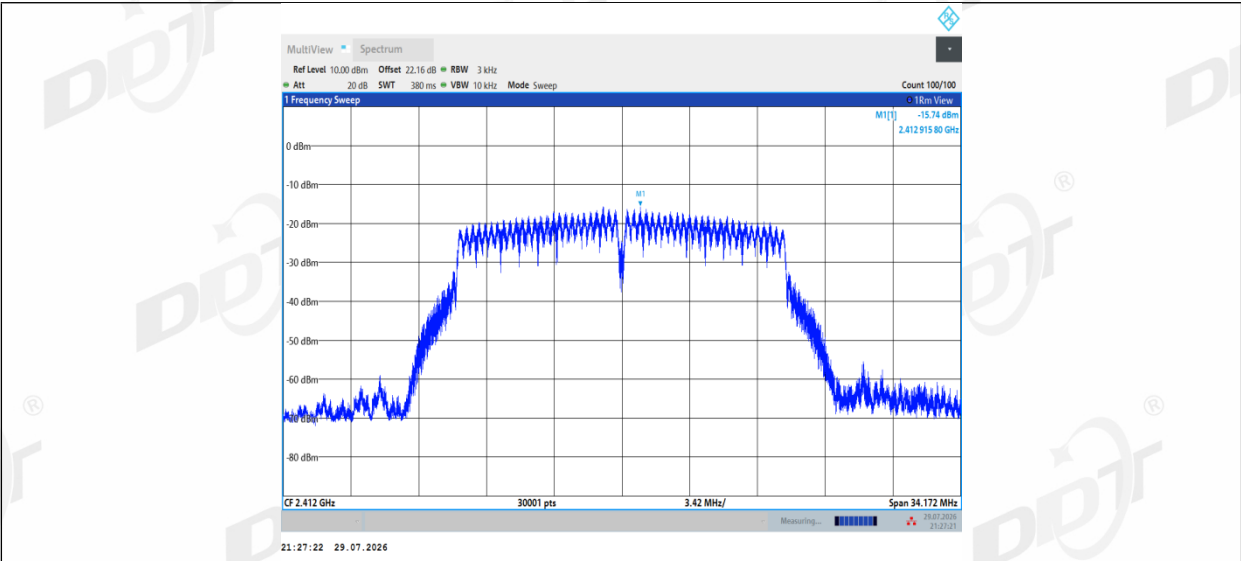
11B_Ant1_2462



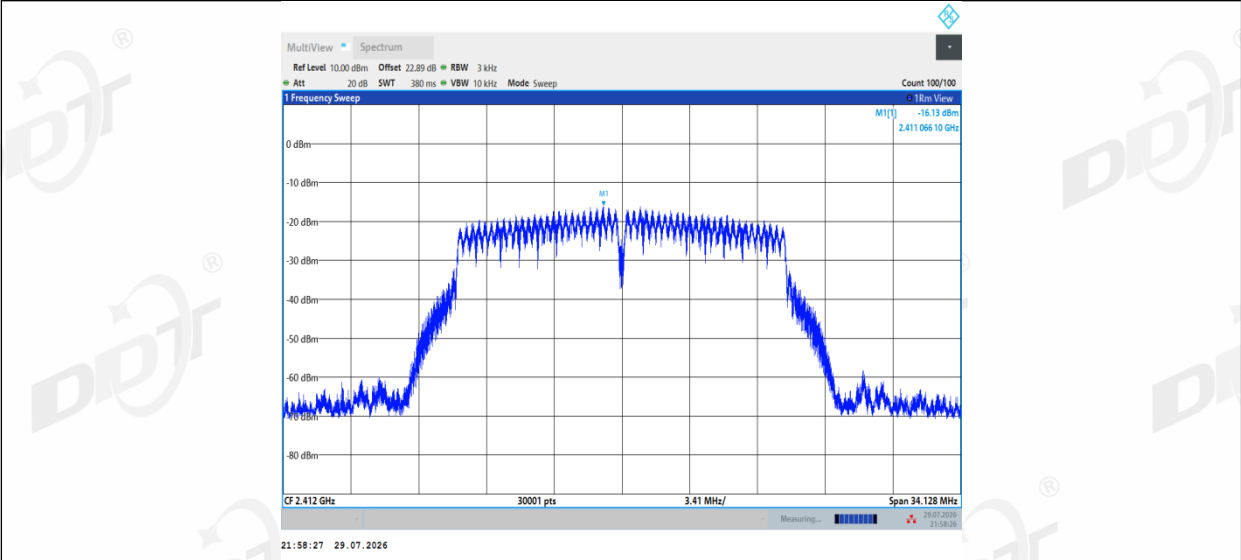
11B_Ant2_2462



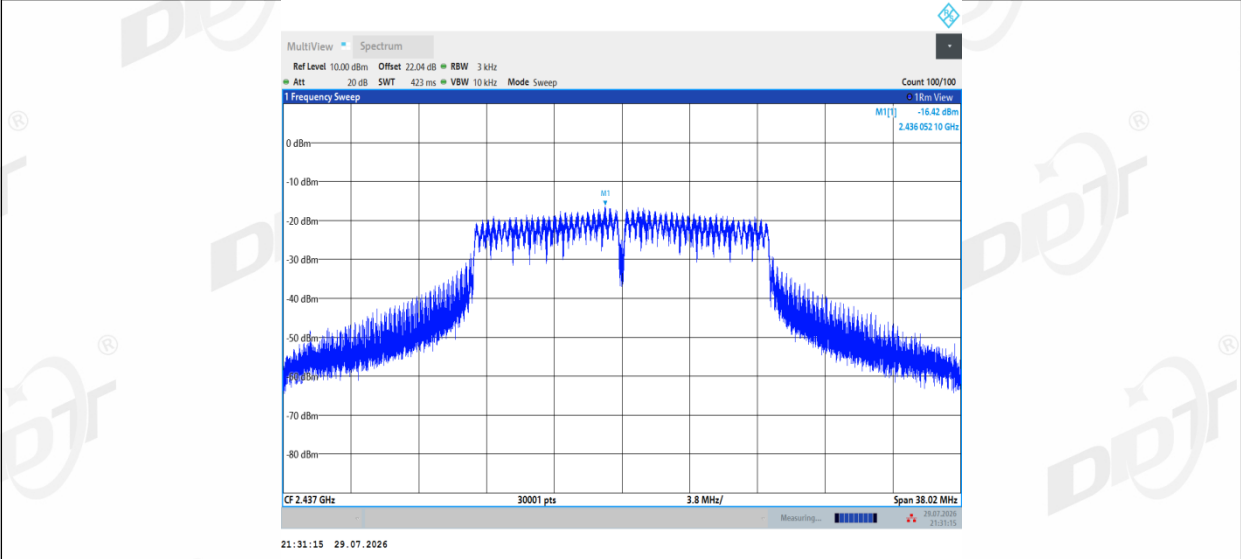
11G_Ant1_2412



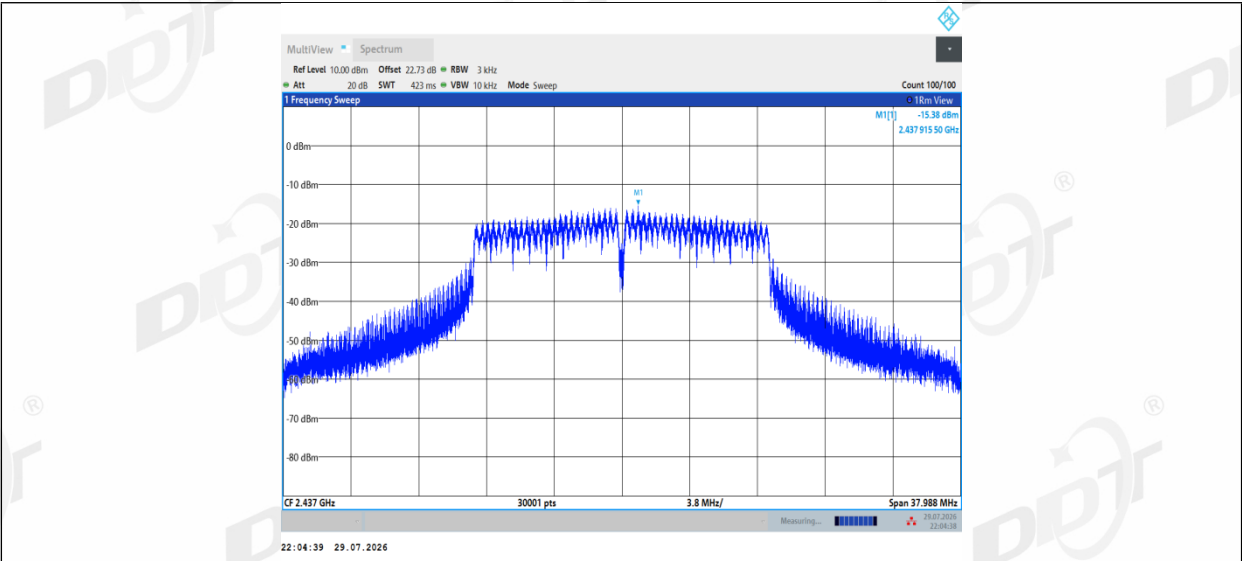
11G_Ant2_2412



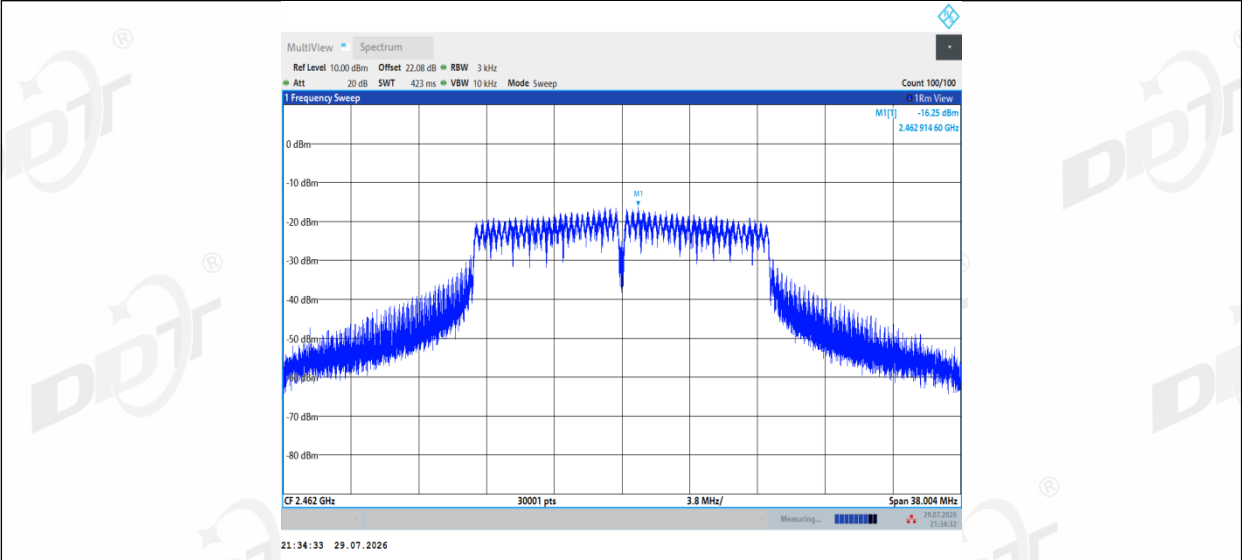
11G_Ant1_2437



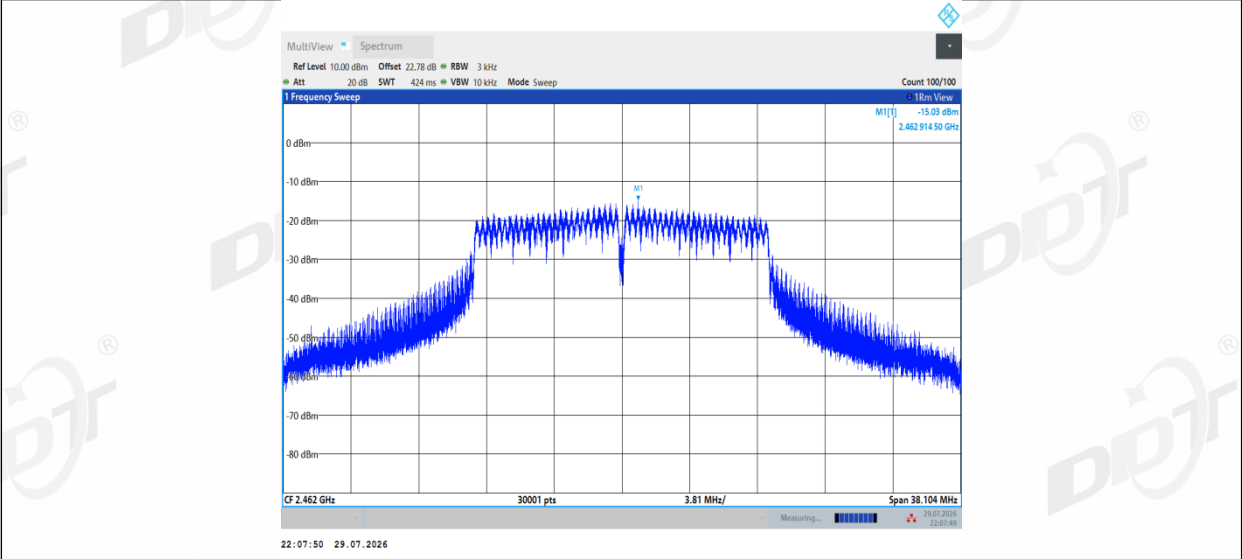
11G_Ant2_2437



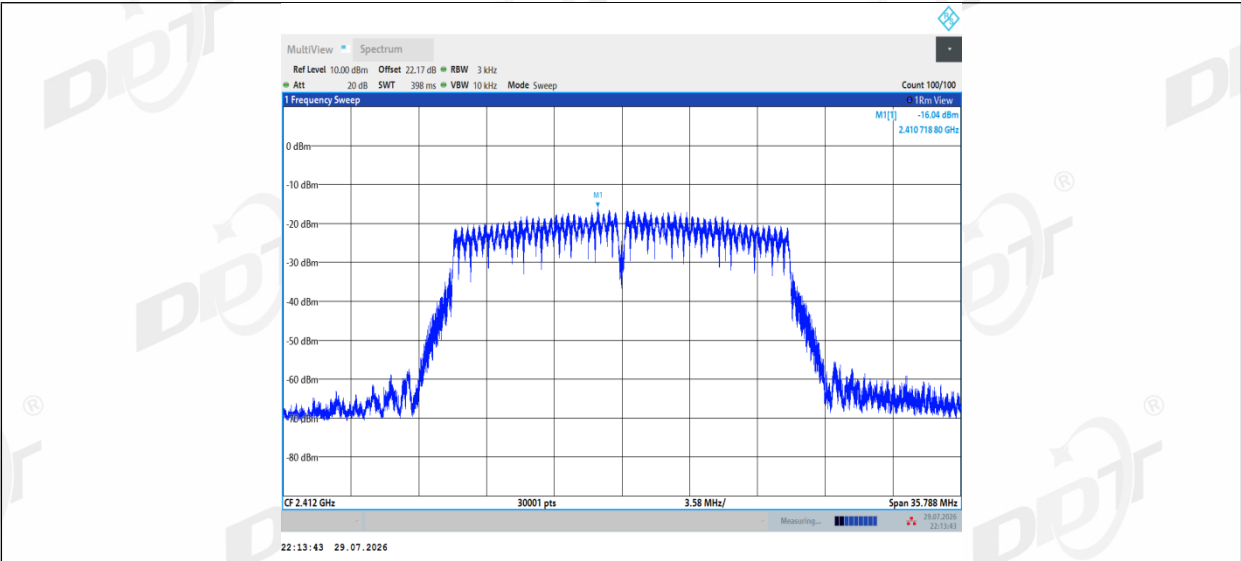
11G_Ant1_2462



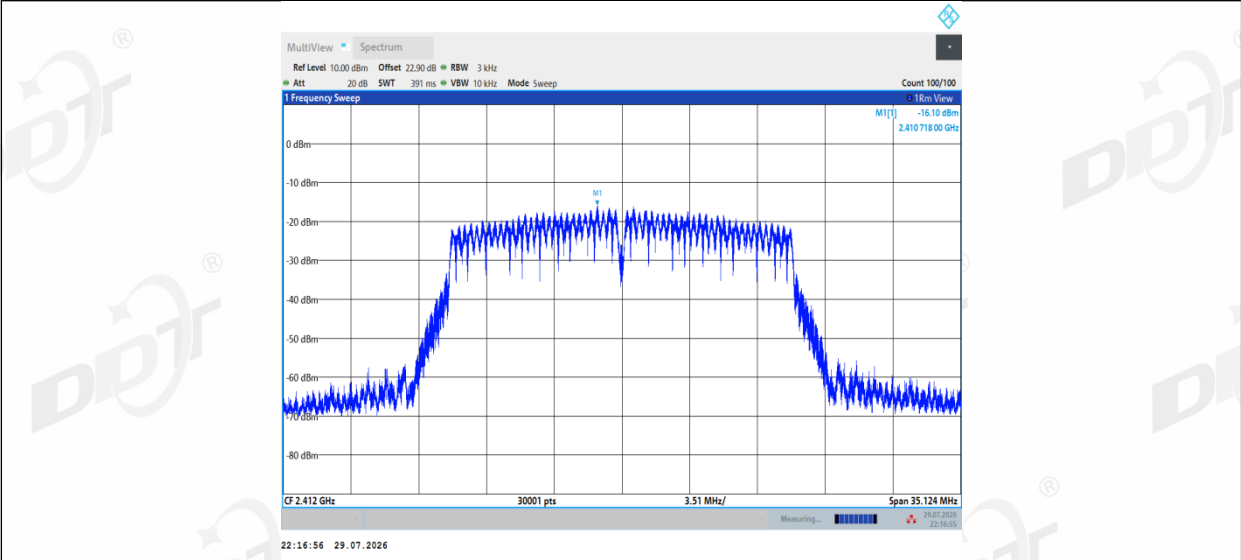
11G_Ant2_2462



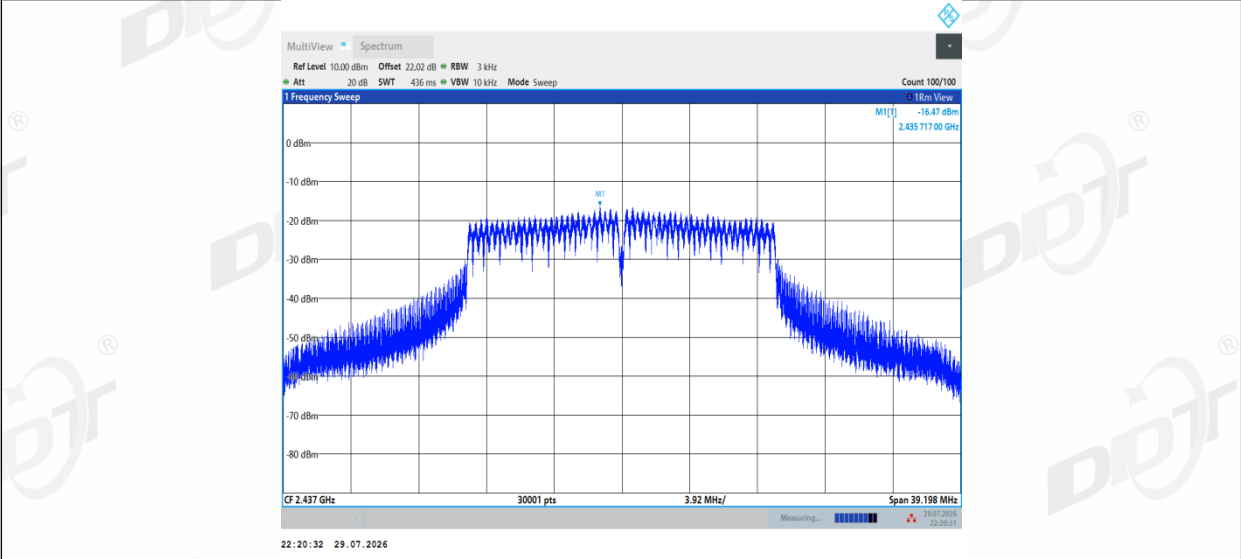
11N20MIMO_Ant1_2412



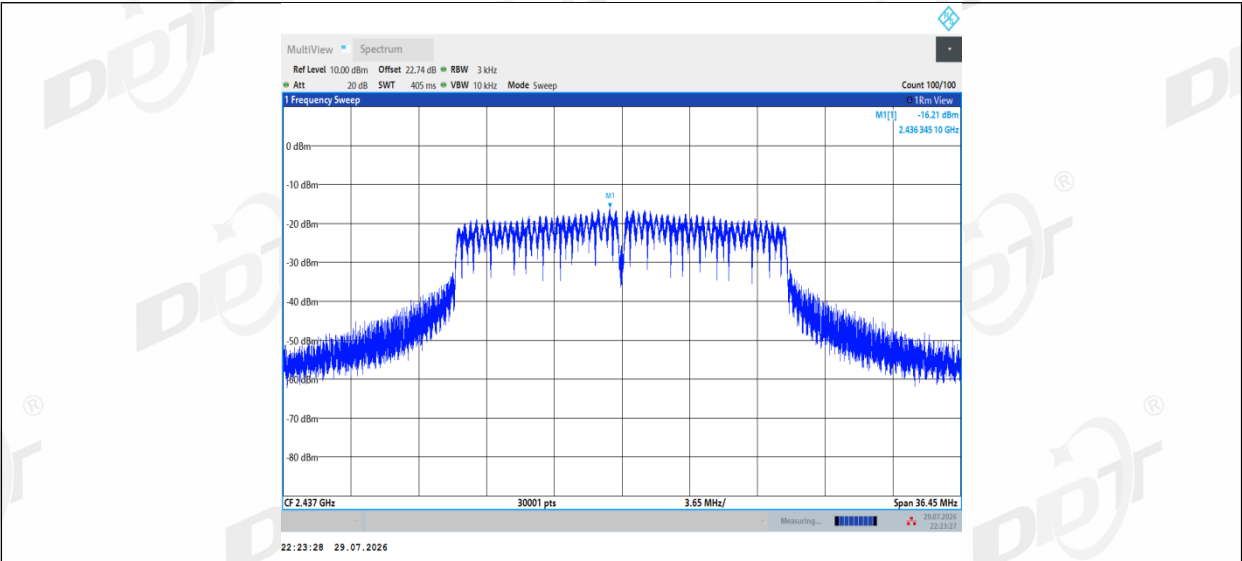
11N20MIMO_Ant2_2412



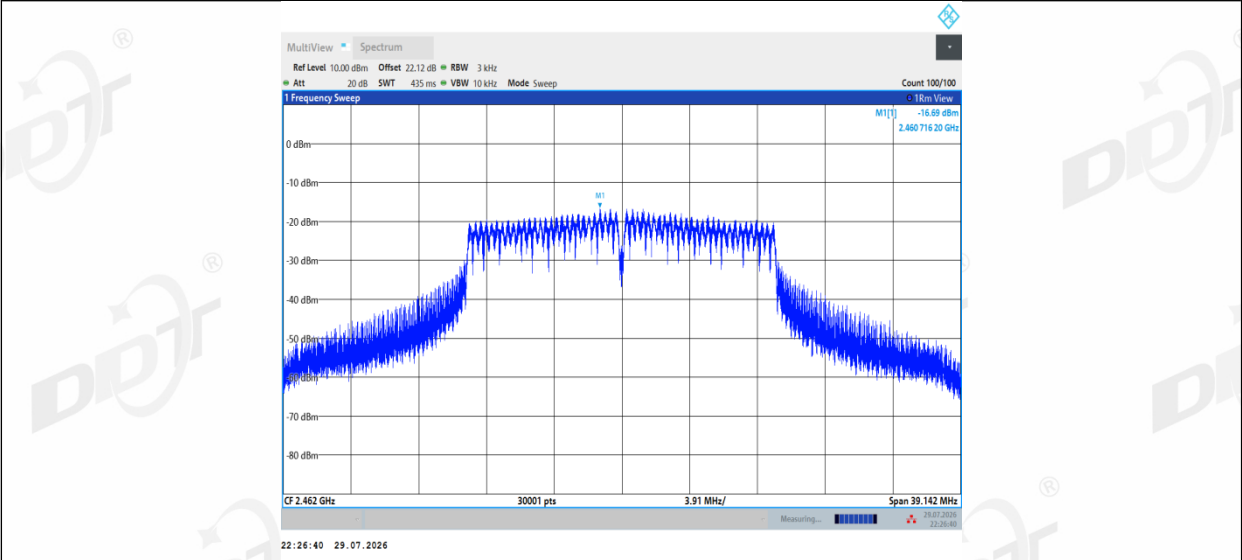
11N20MIMO_Ant1_2437



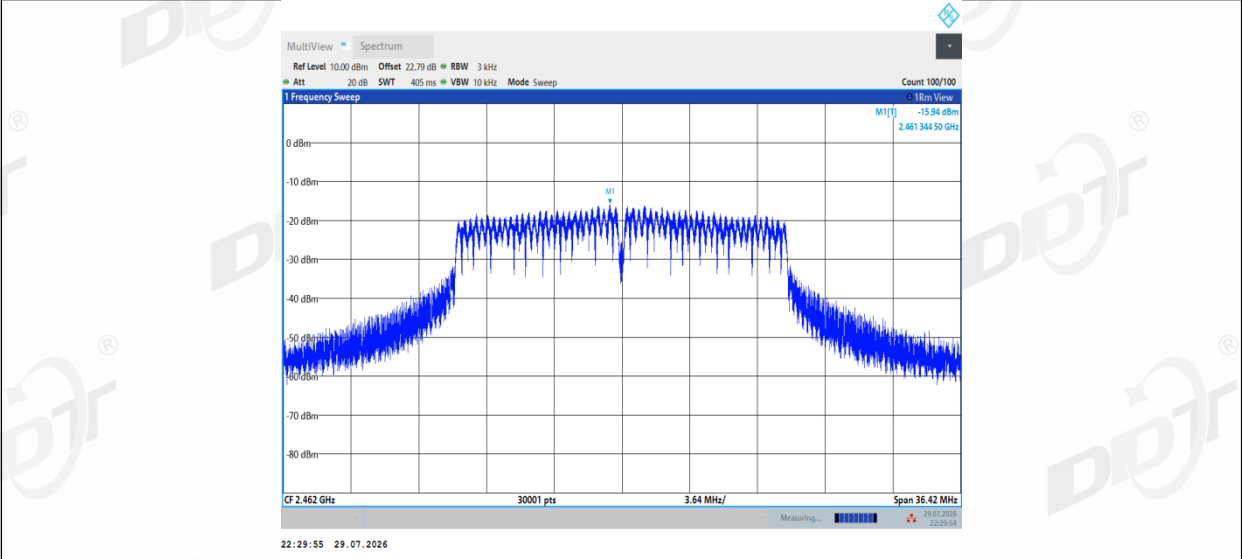
11N20MIMO_Ant2_2437



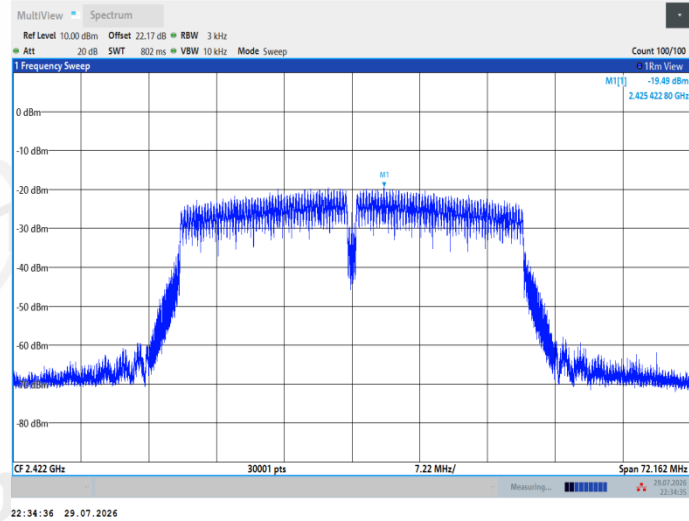
11N20MIMO_Ant1_2462



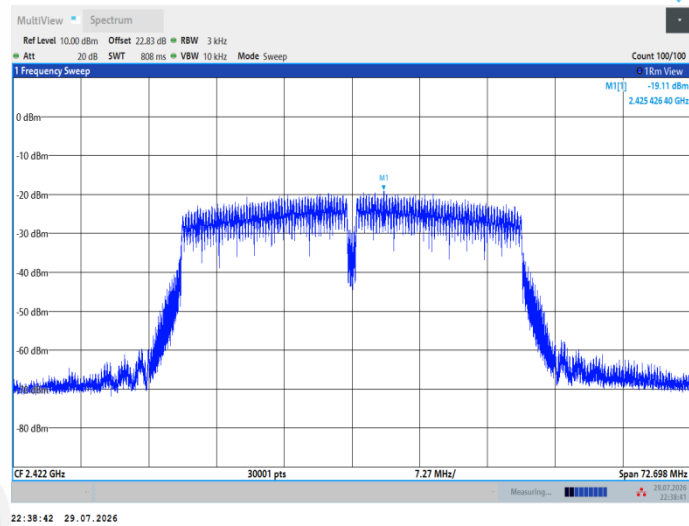
11N20MIMO_Ant2_2462



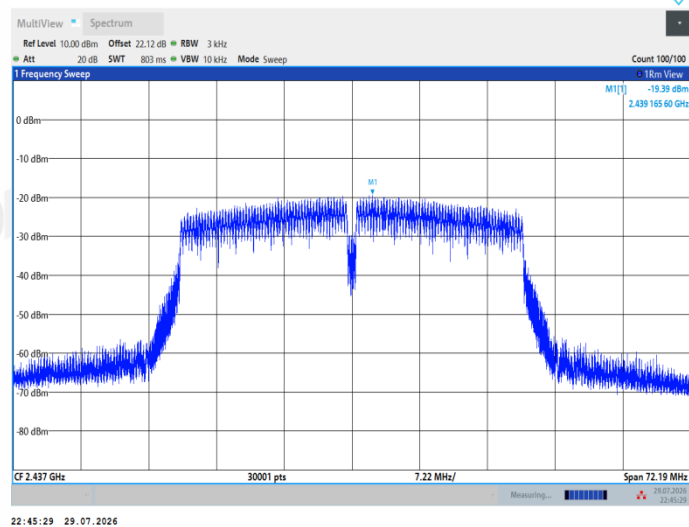
11N40MIMO_Ant1_2422



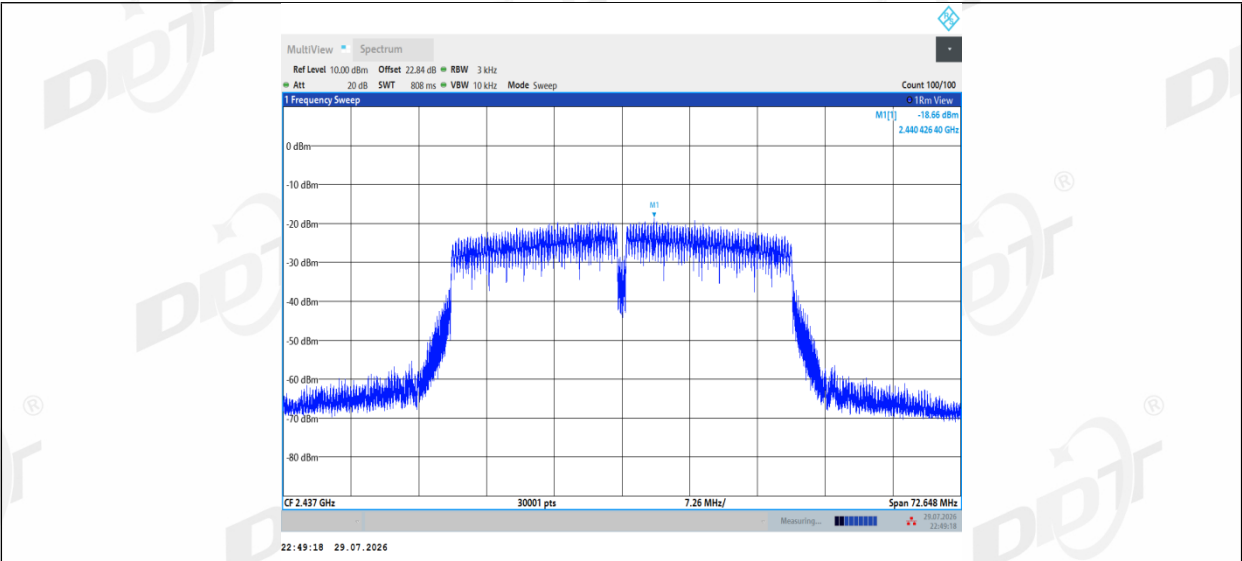
11N40MIMO_Ant2_2422



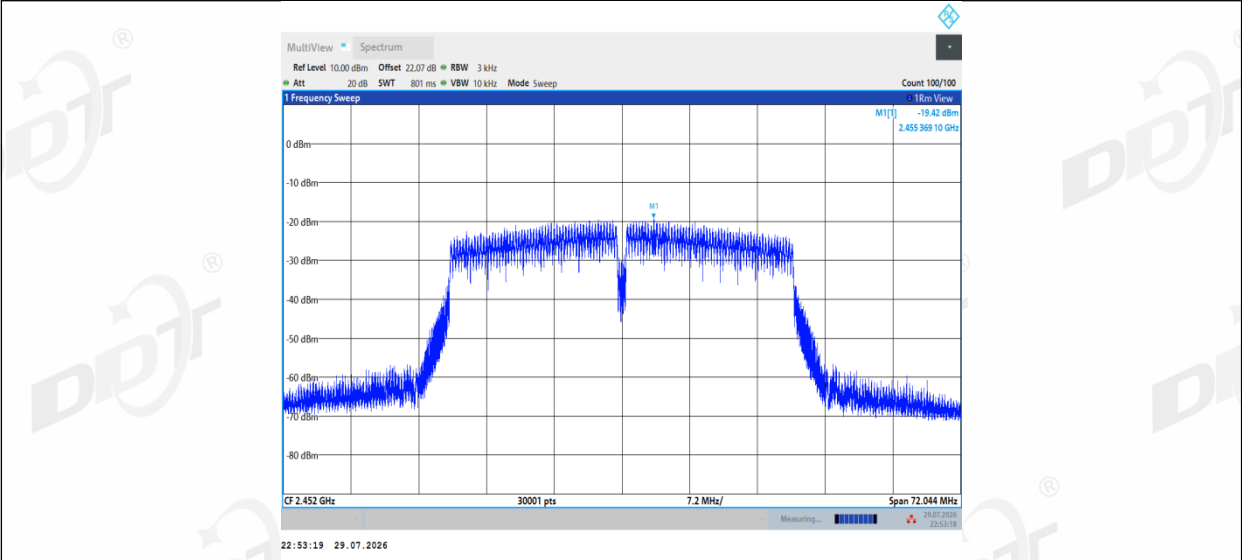
11N40MIMO_Ant1_2437



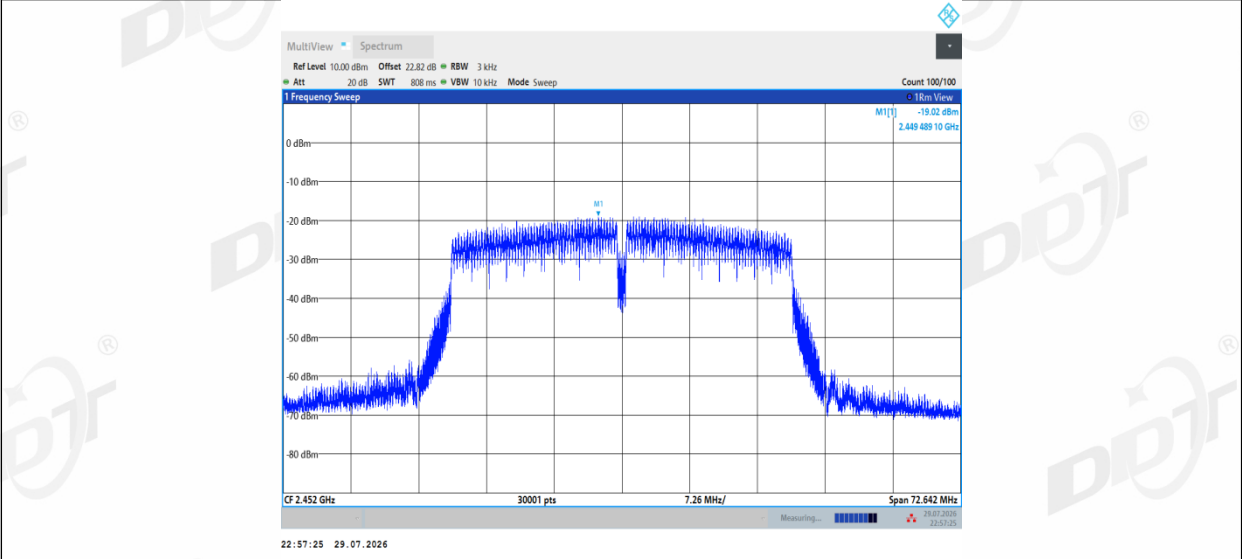
11N40MIMO_Ant2_2437



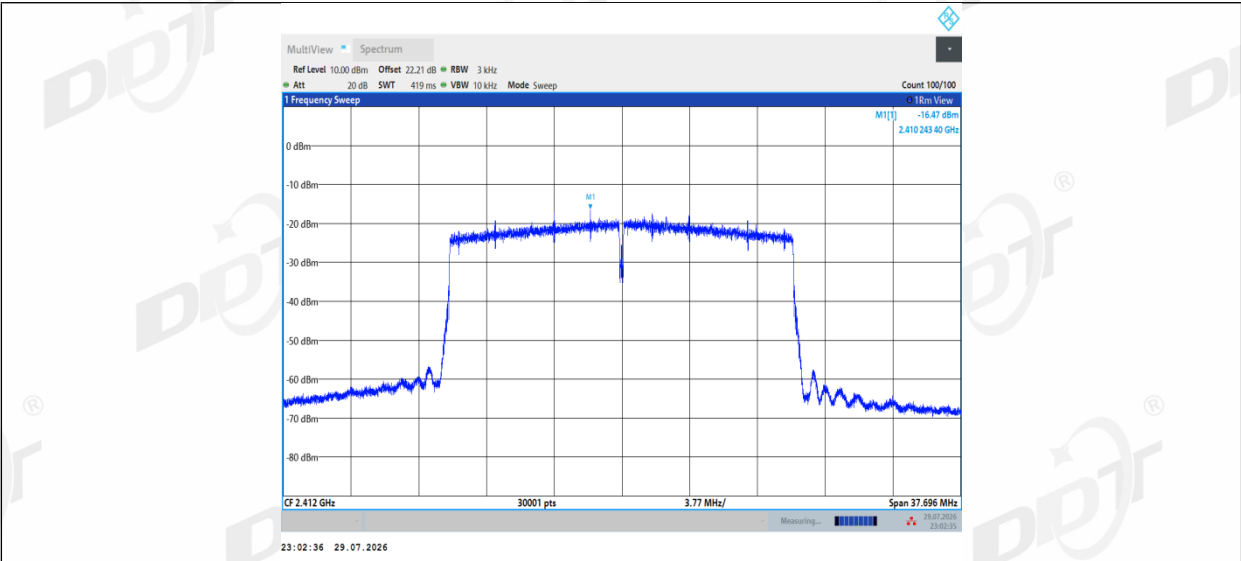
11N40MIMO_Ant1_2452



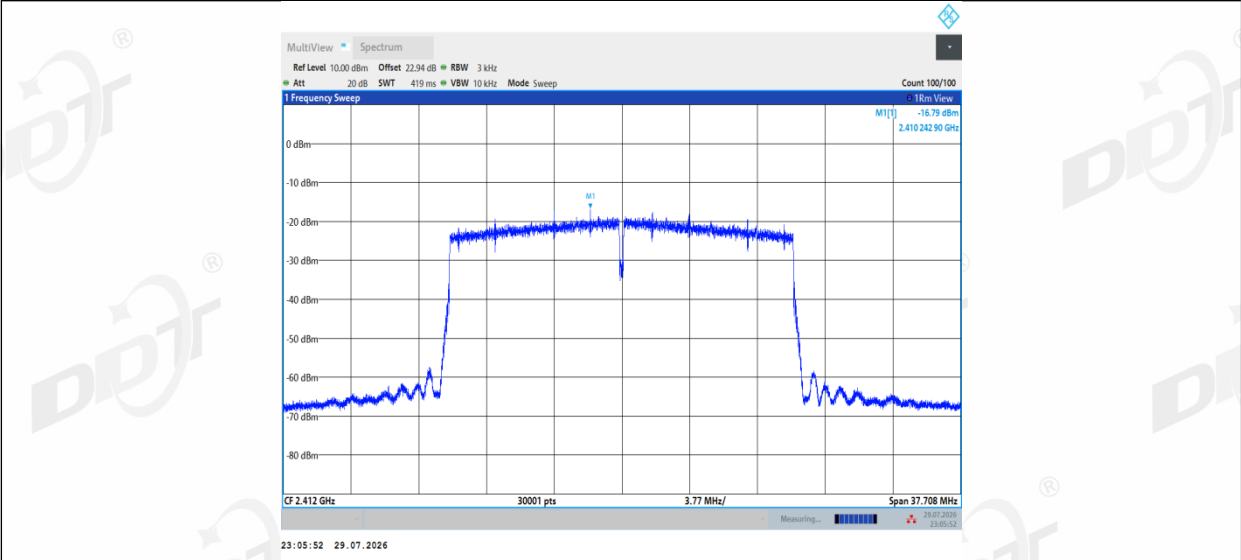
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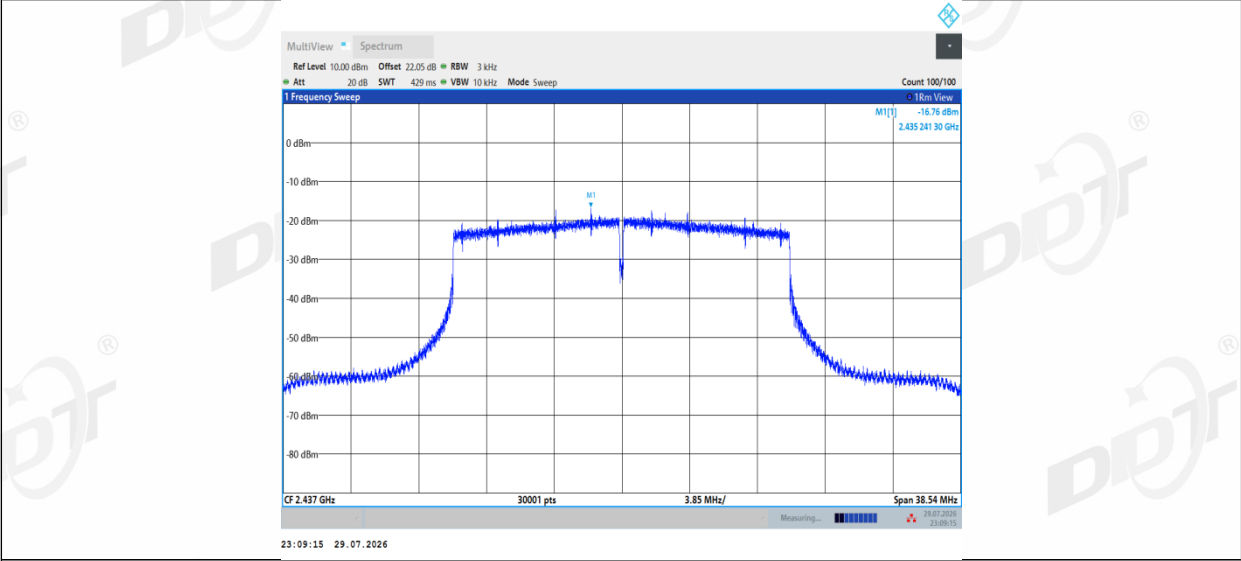
11AX20MIMO_Ant1_2412



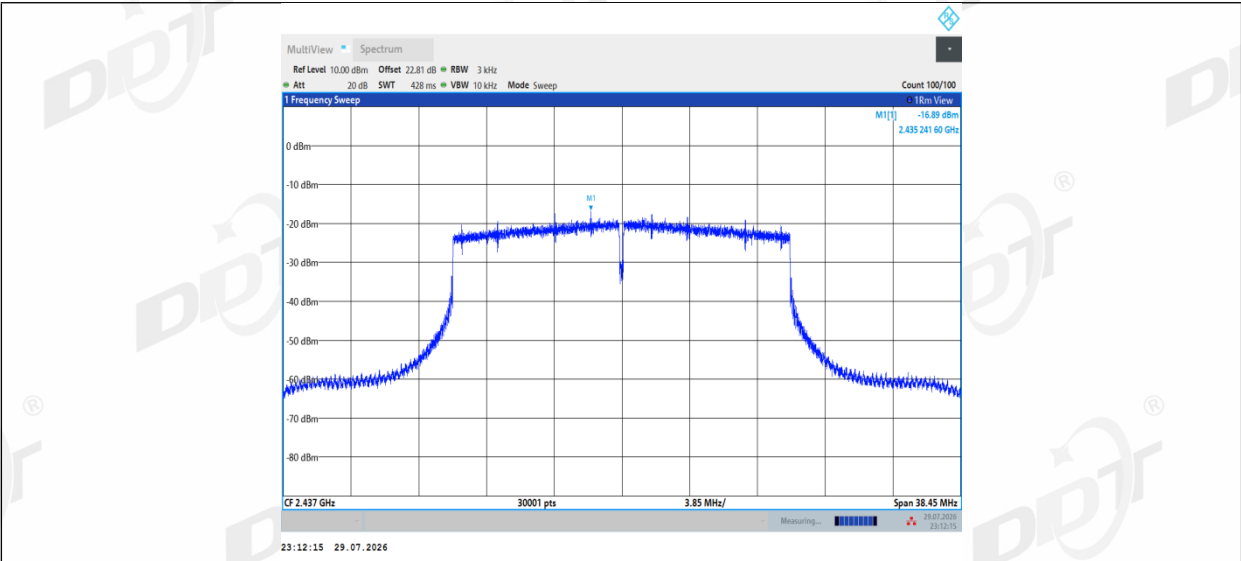
11AX20MIMO_Ant2_2412



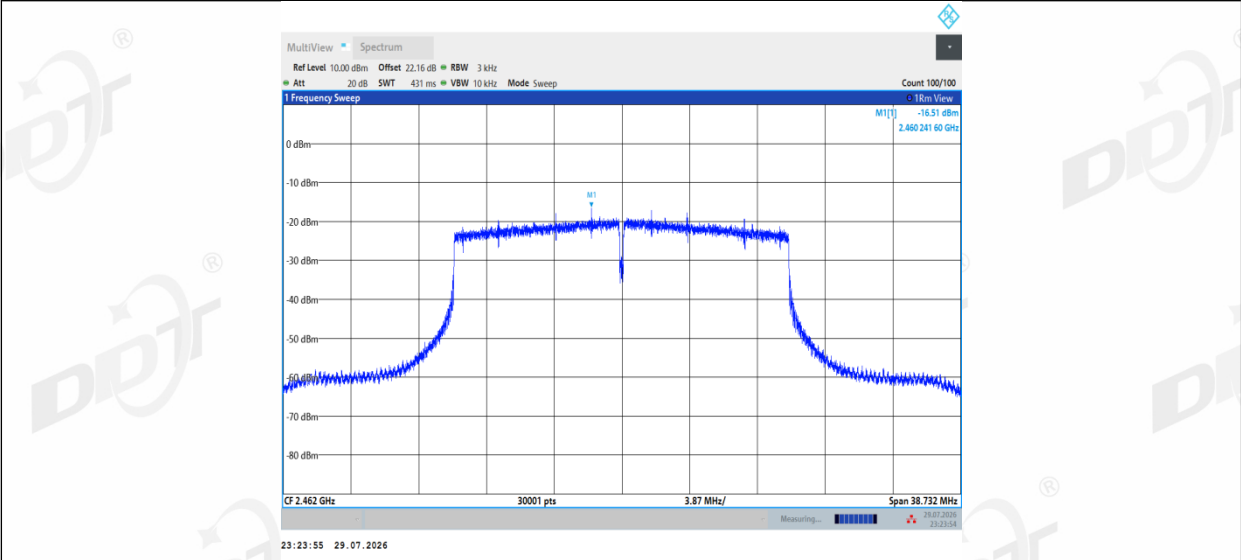
11AX20MIMO_Ant1_2437



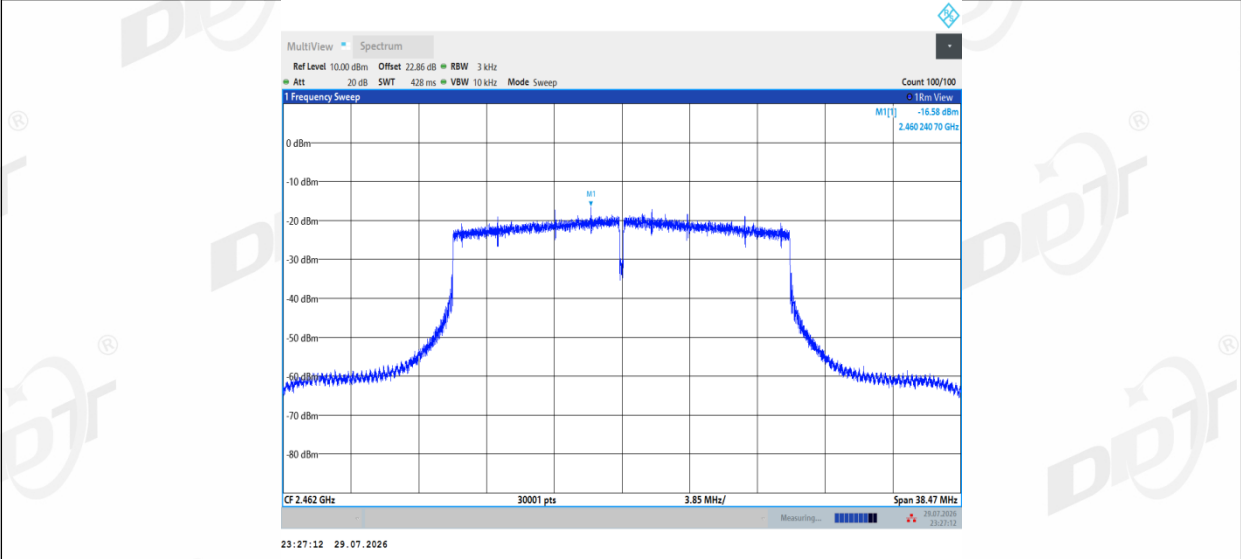
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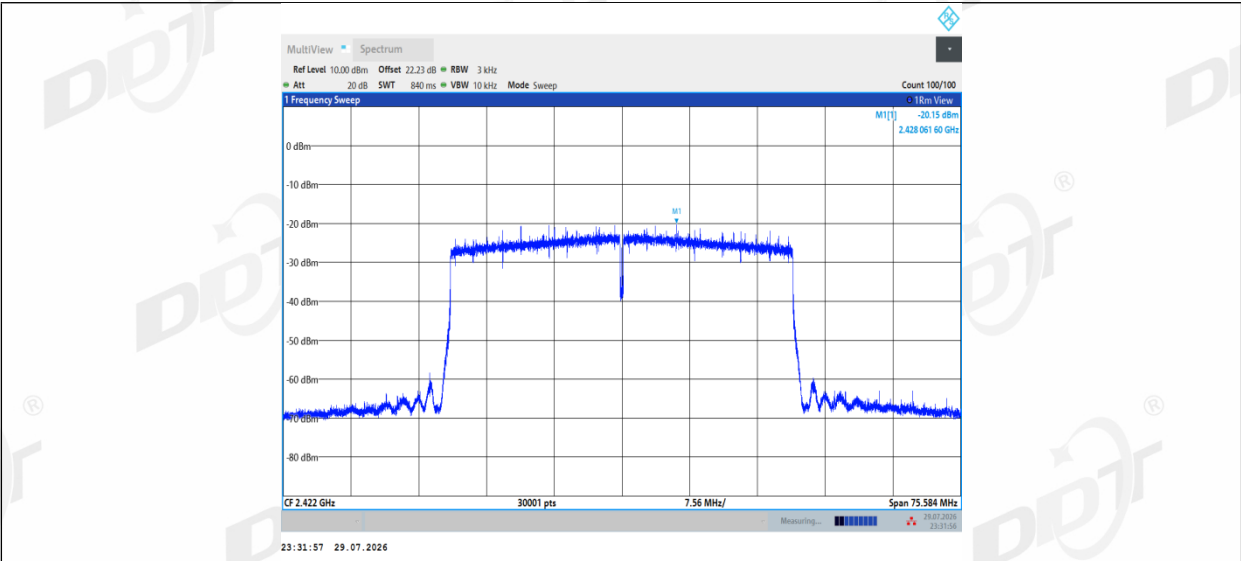
11AX20MIMO_Ant1_2462



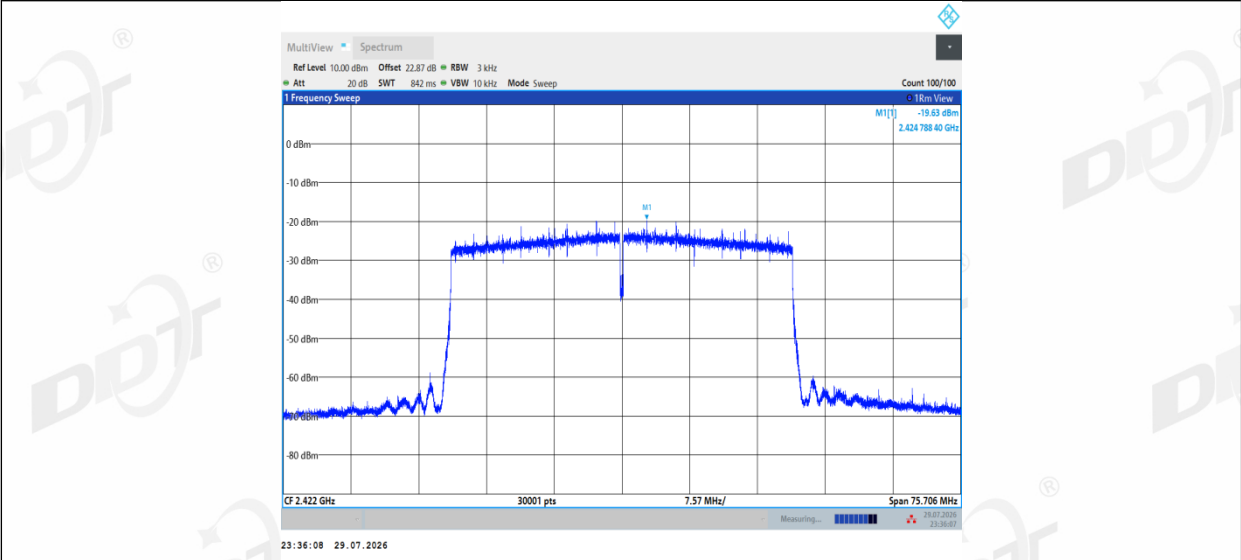
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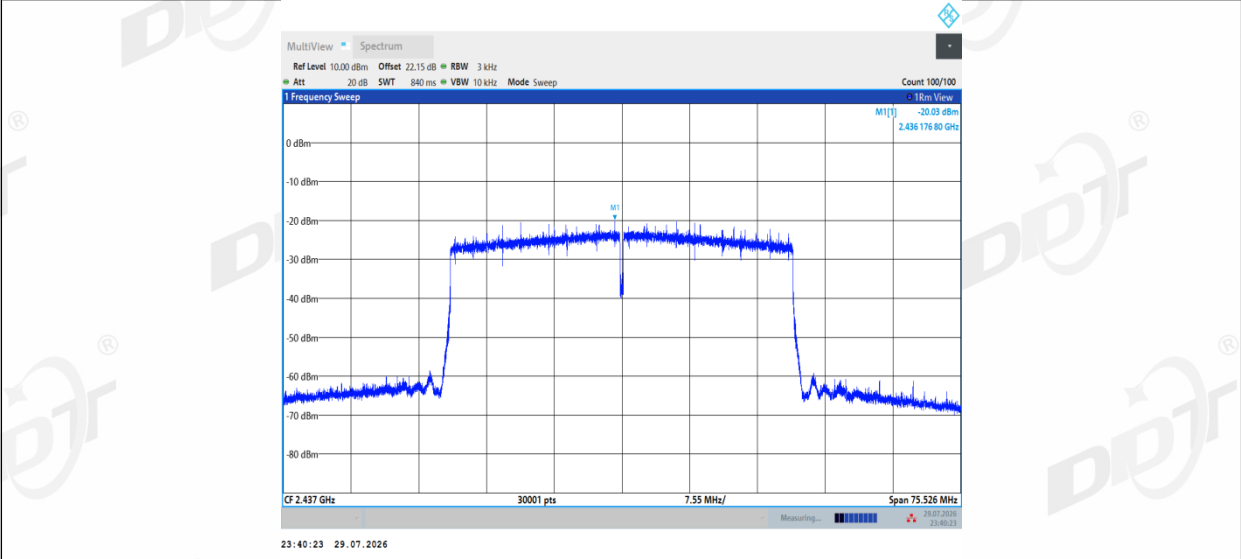
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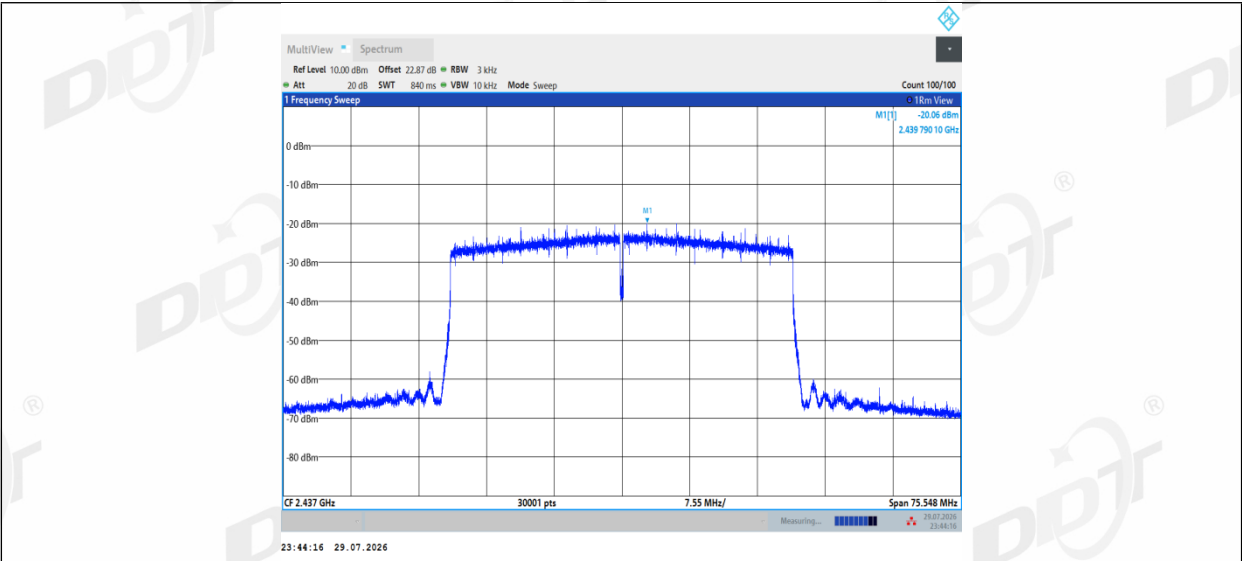
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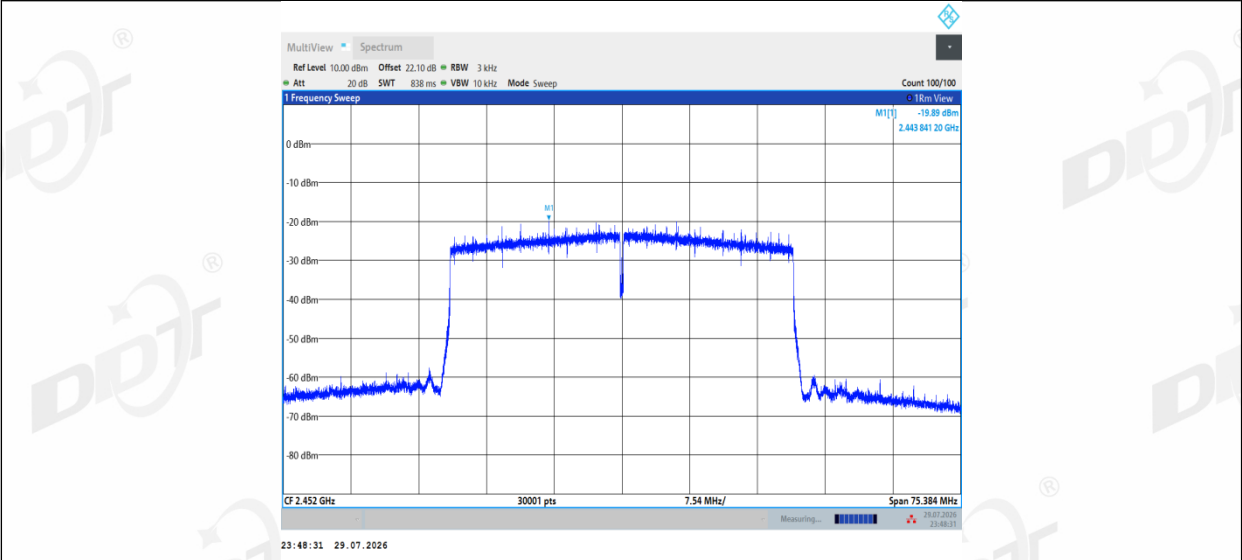
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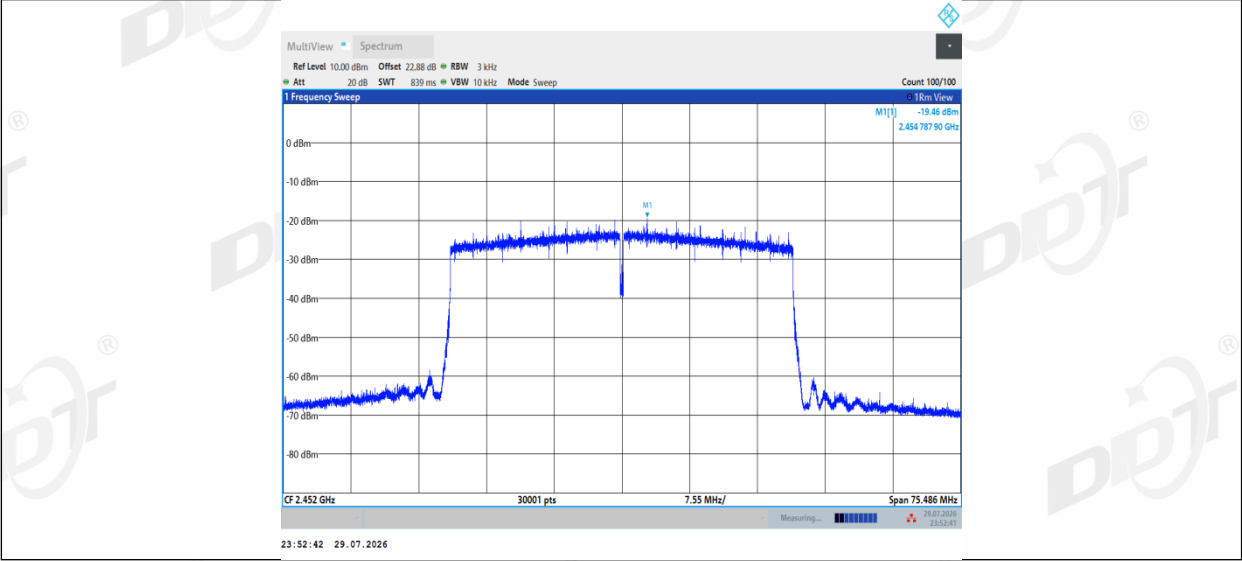
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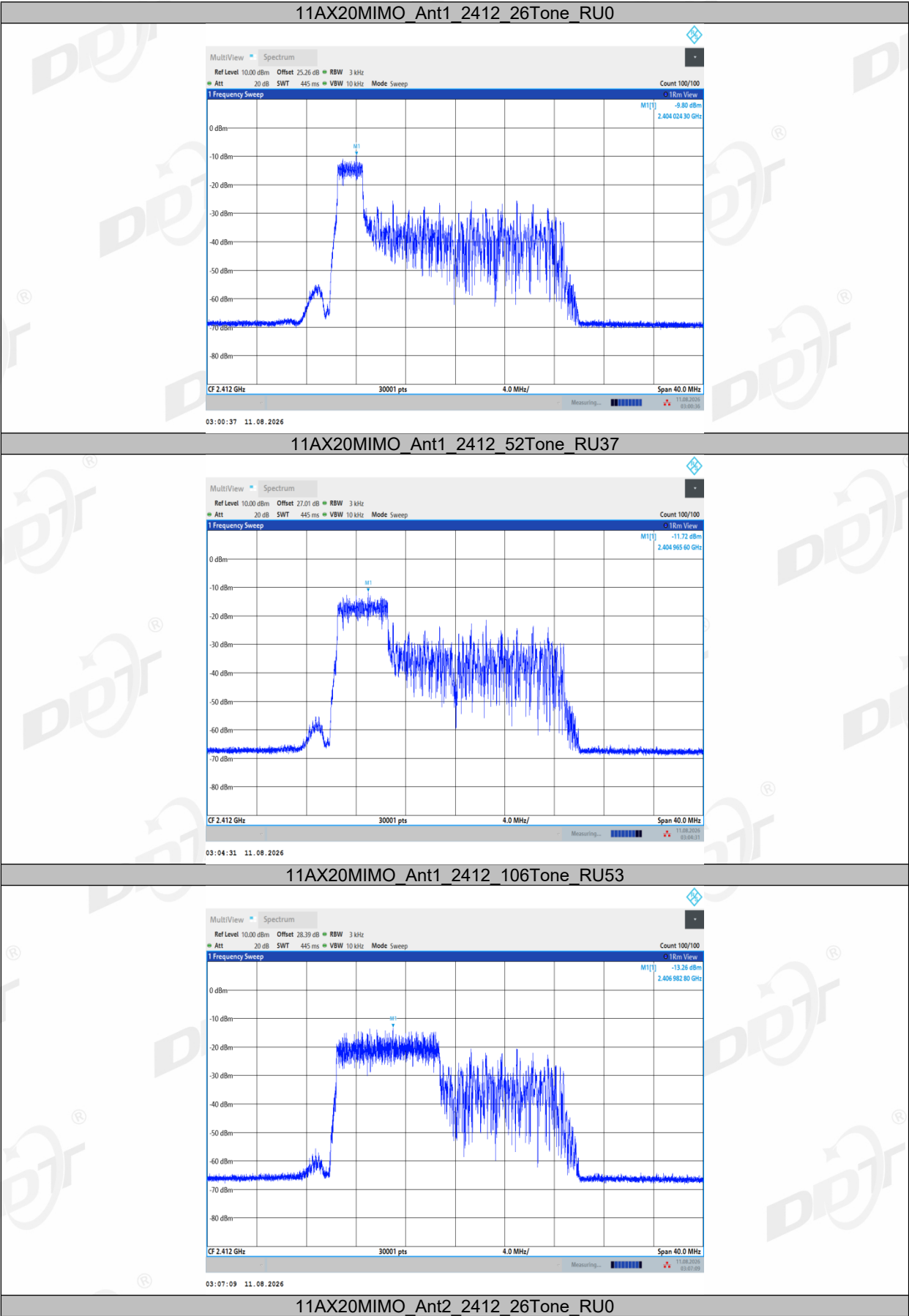


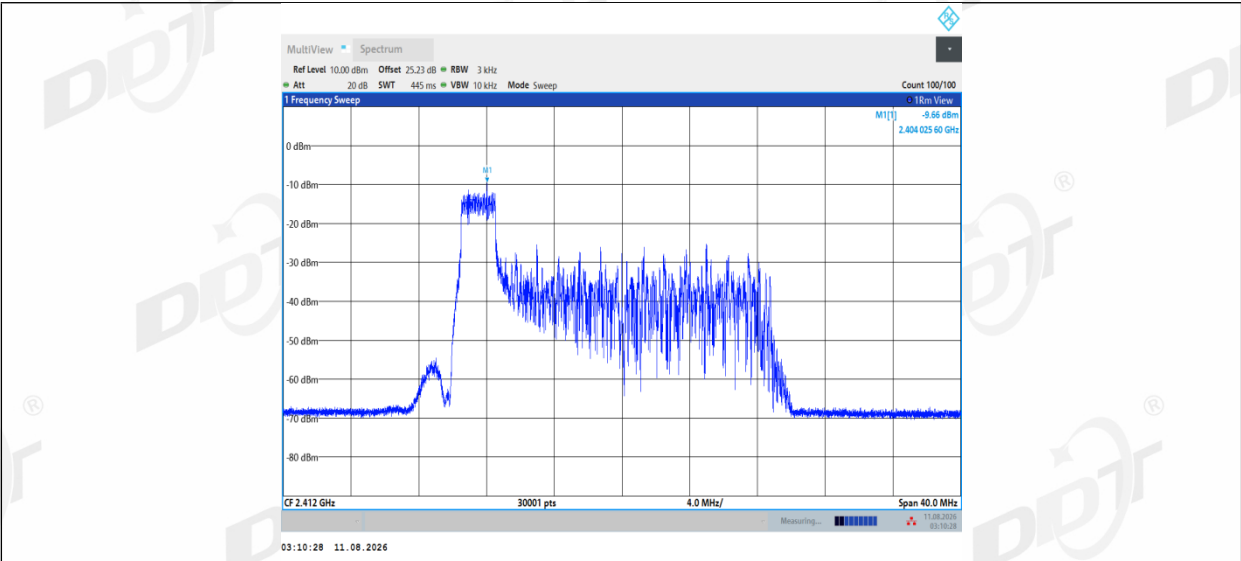
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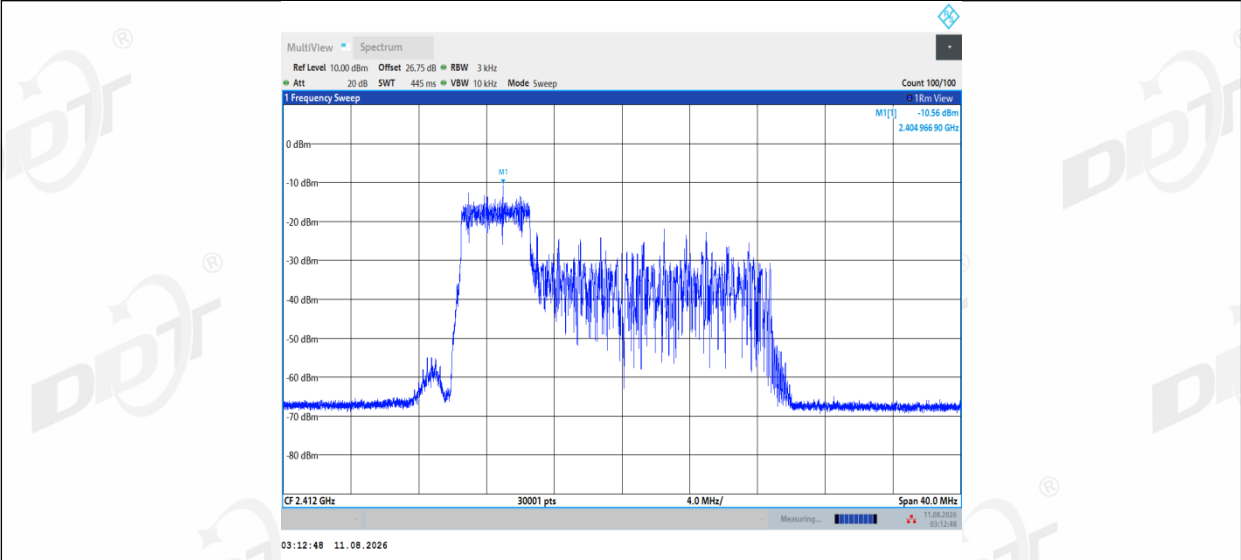
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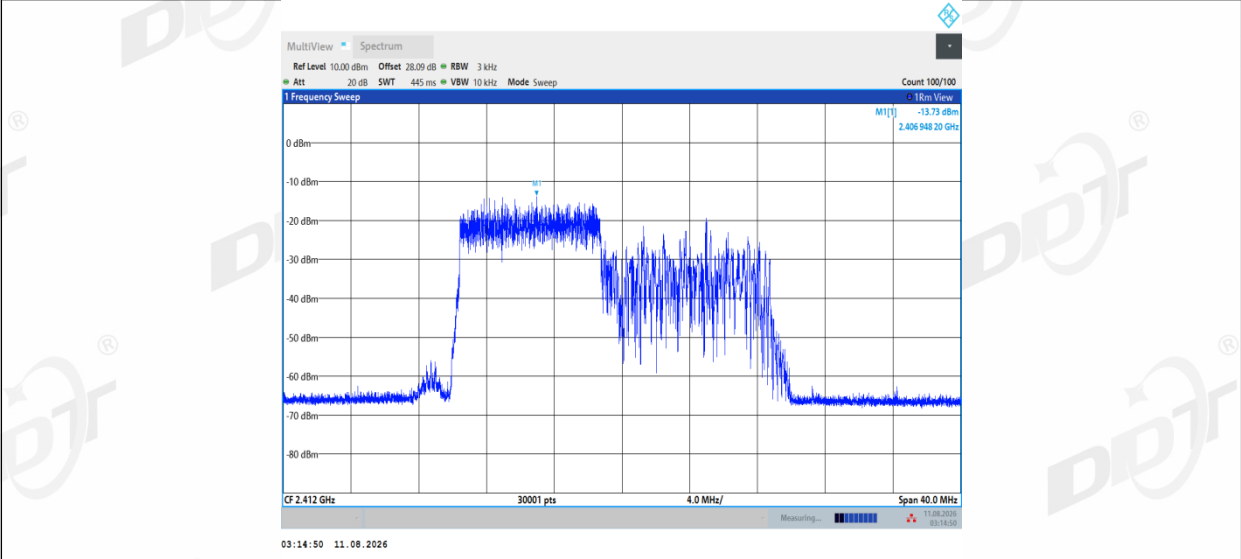




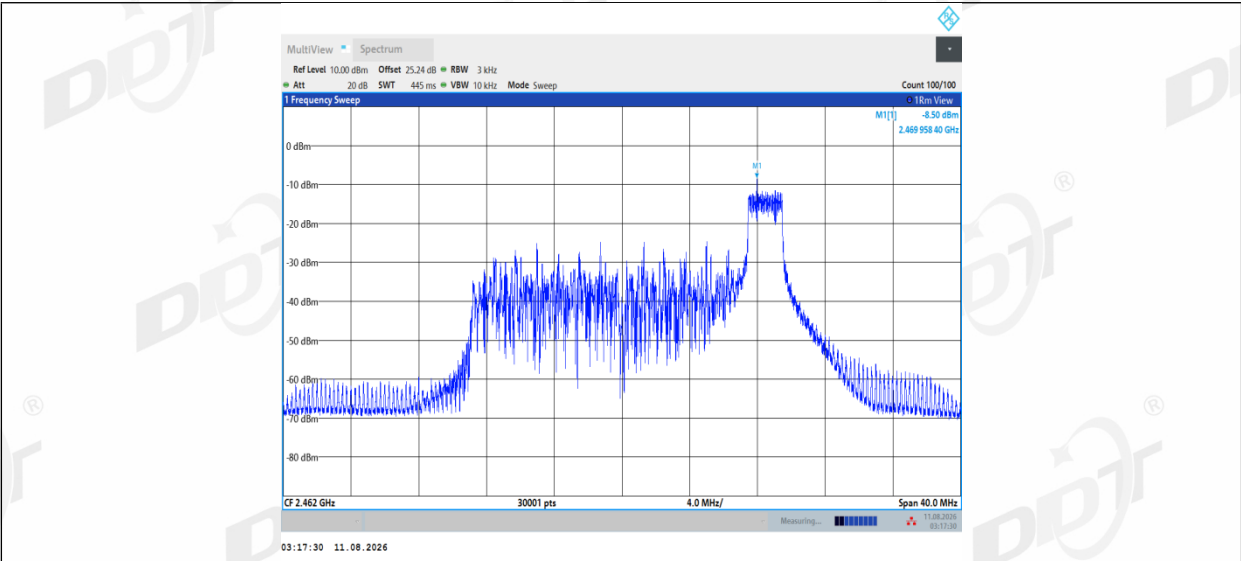
11AX20MIMO_Ant2_2412_52Tone_RU37



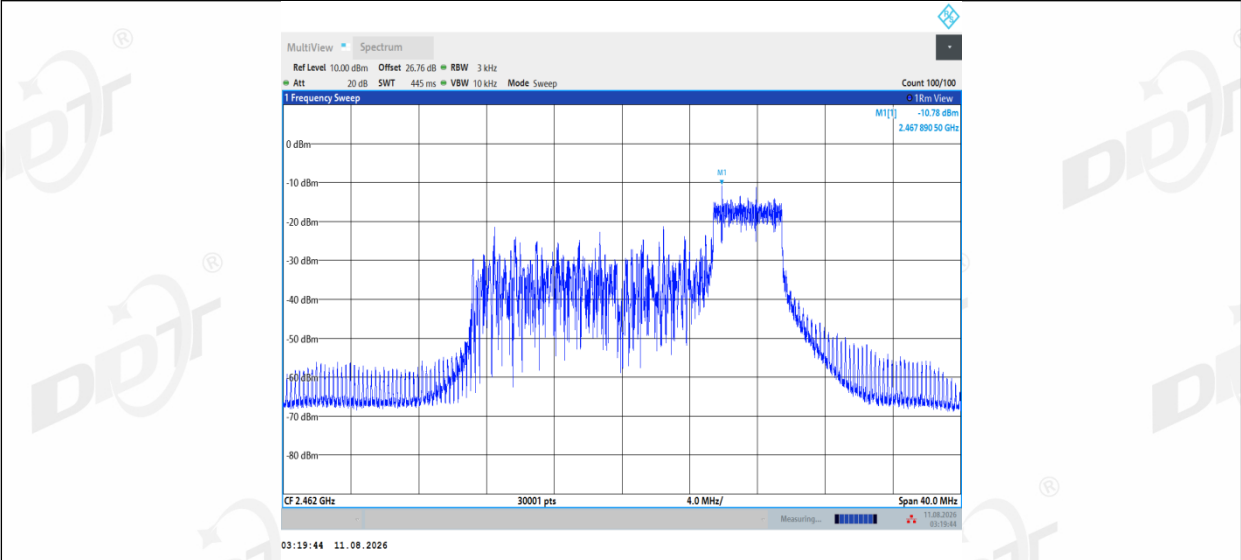
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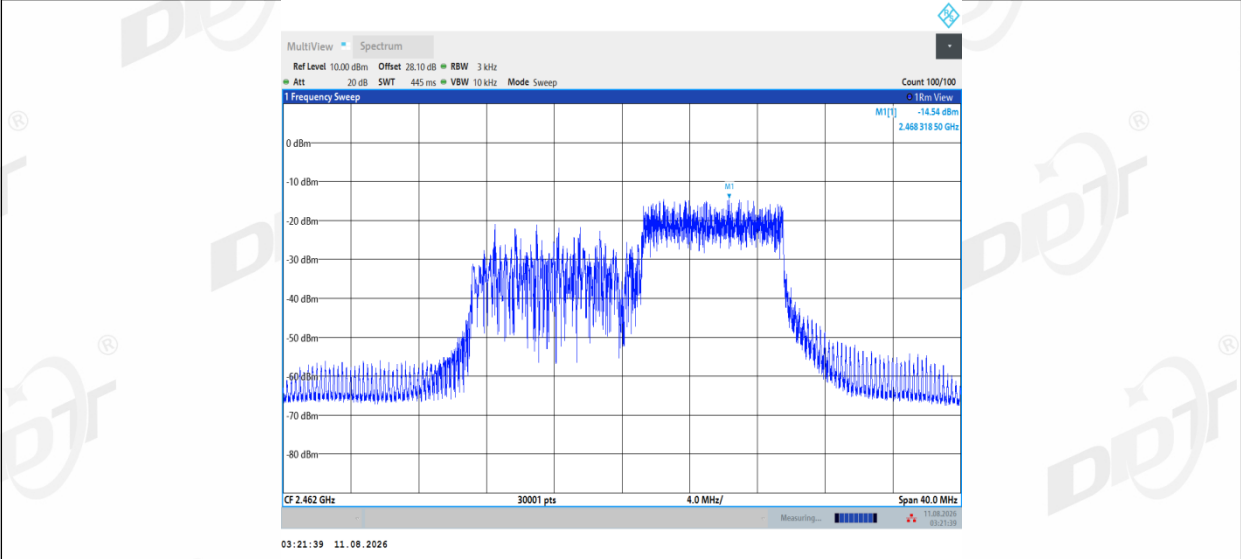
11AX20MIMO_Ant1_2462_26Tone_RU8



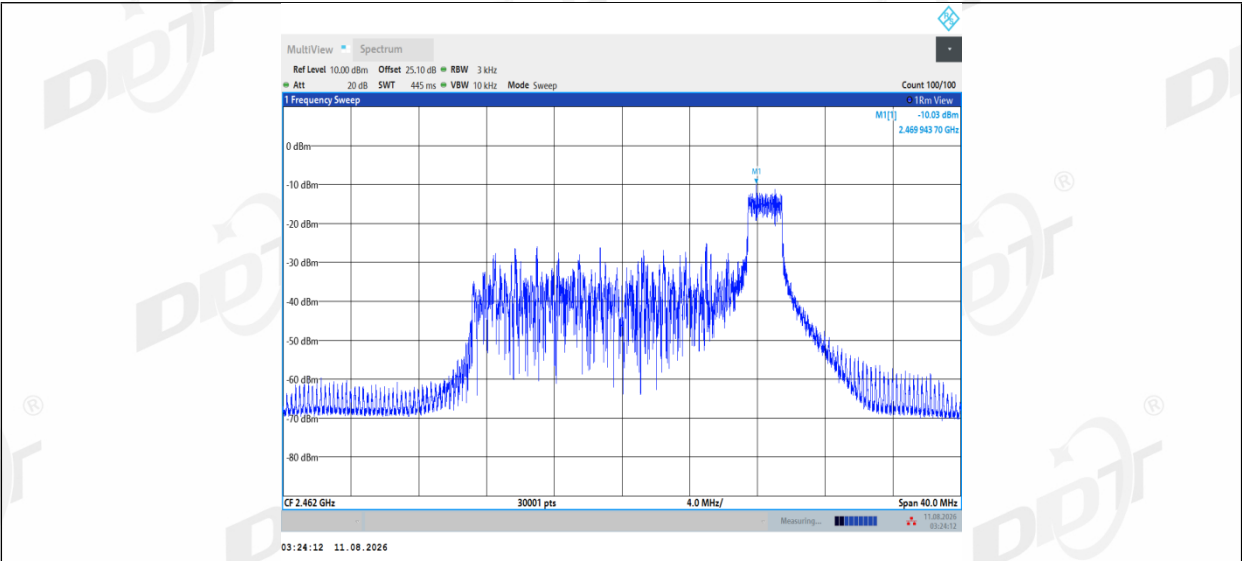
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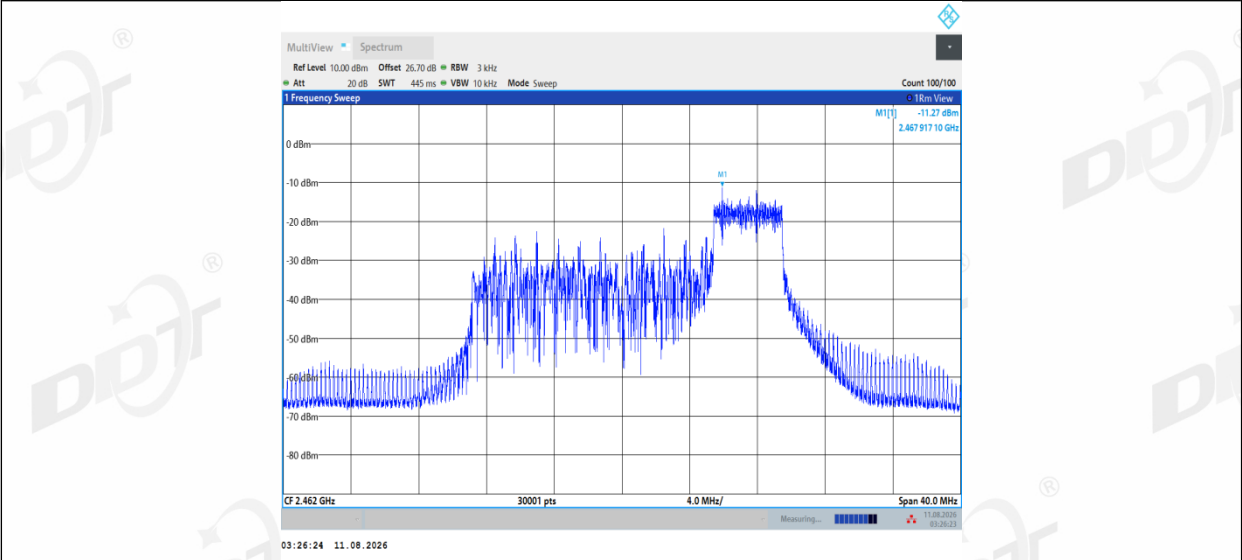
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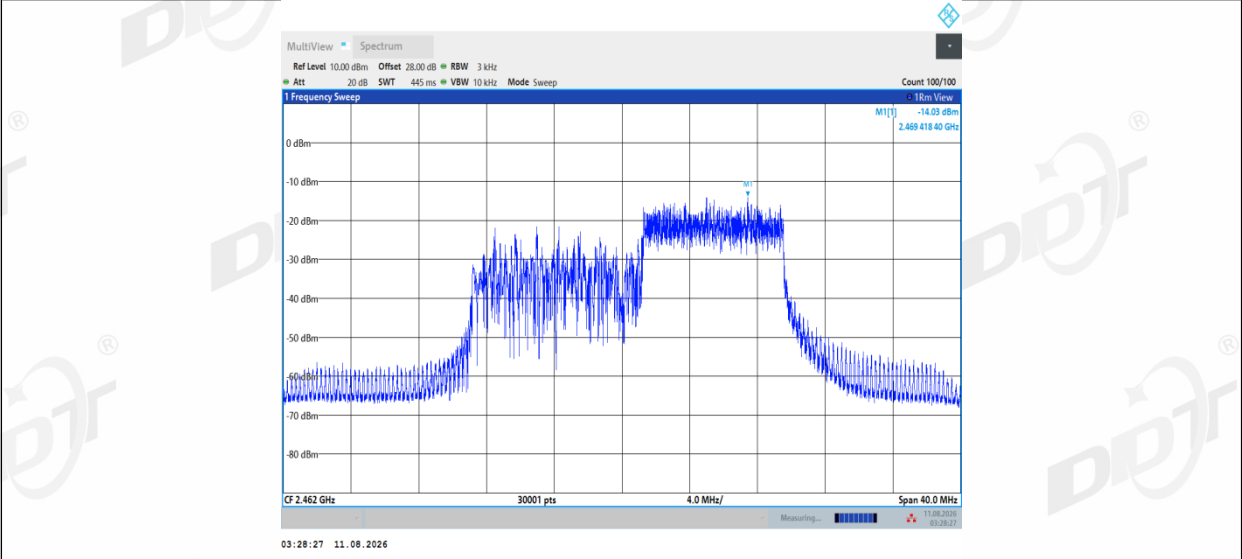
11AX20MIMO_Ant2_2462_26Tone_RU8



11AX20MIMO_Ant2_2462_52Tone_RU40

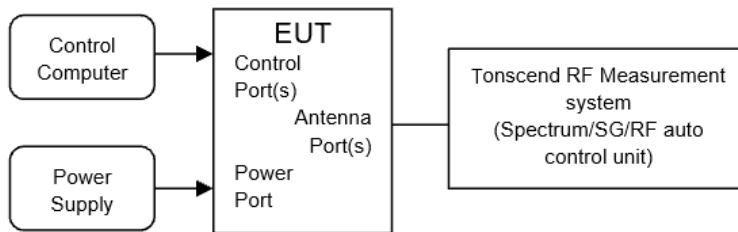


11AX20MIMO_Ant2_2462_106Tone_RU54



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.

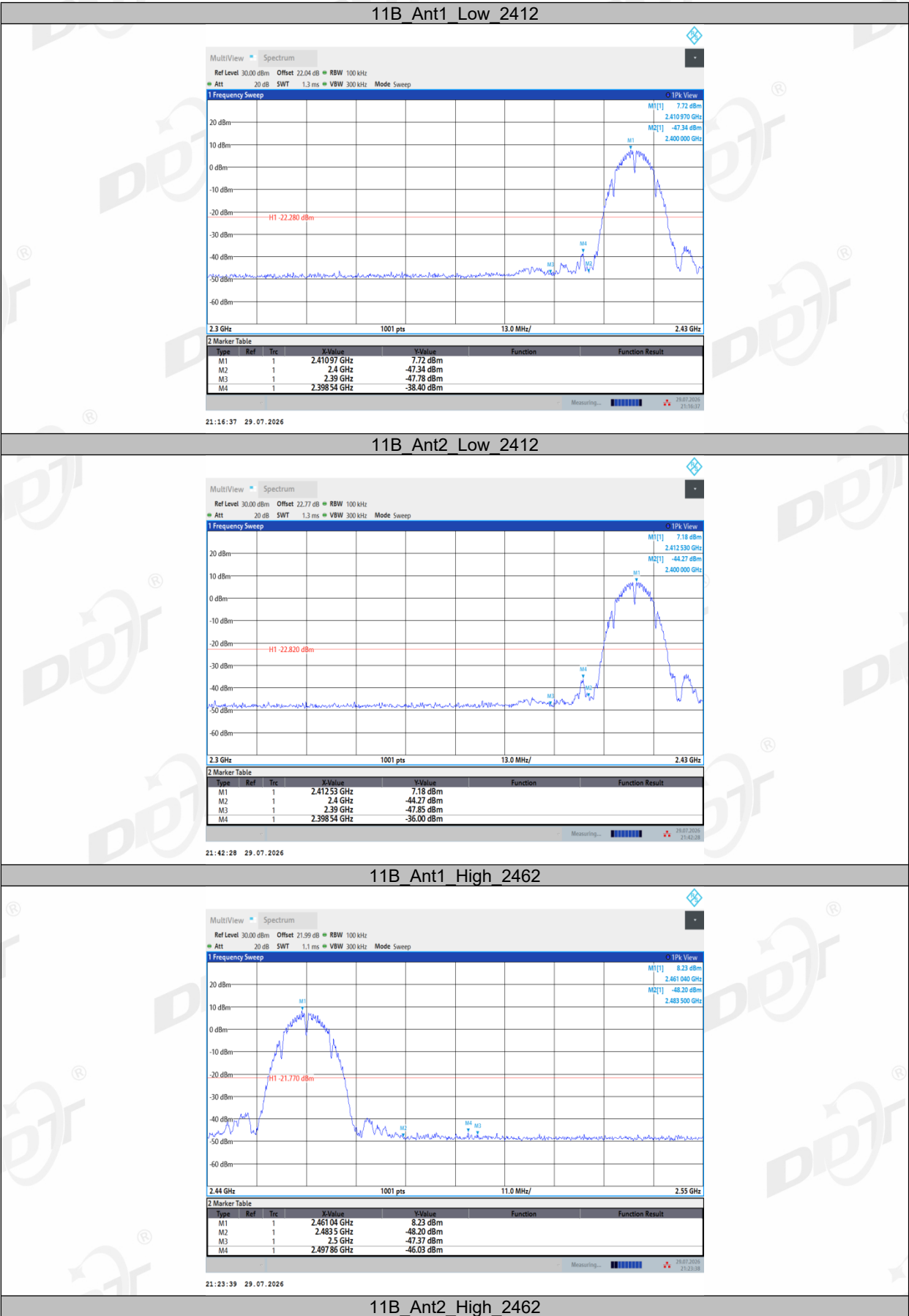
Then mark the maximum amplitude of all unwanted emissions outside of the authorized frequency band.

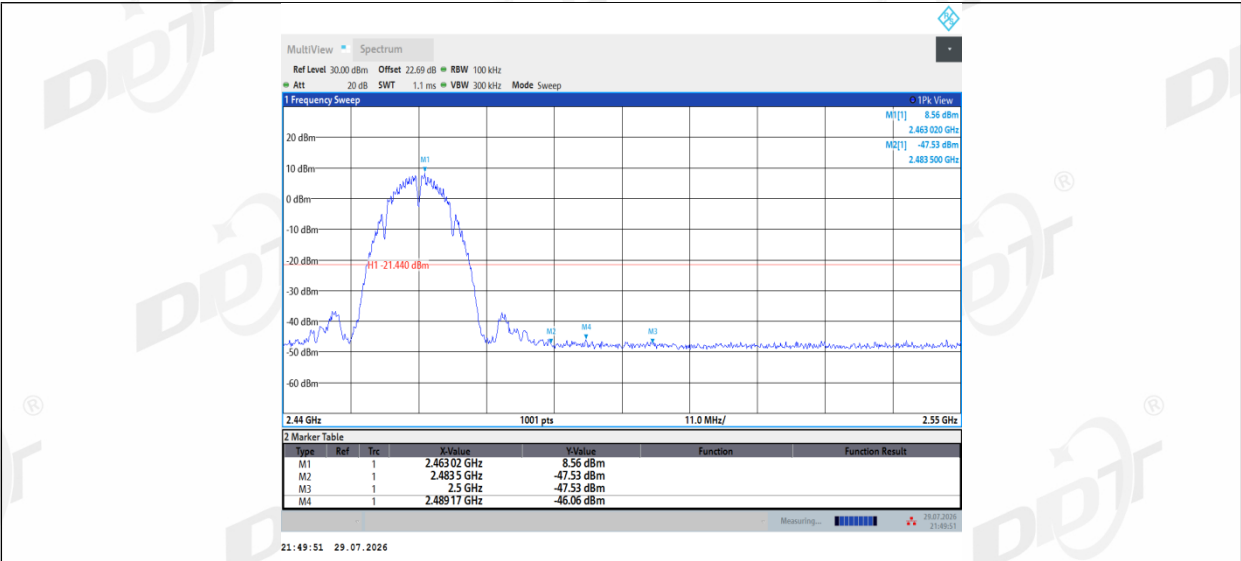
8.4. Test result

Test Engineer:	Tan Shaofeng	Test Site:	RF Test System 4#
Ambient Condition:	24.3-25.3℃,44.2-46%RH	Test Date:	2026.7.29-2026.9.7
Test Power Supply:	AC 120V/60Hz	Sample Number:	S26072123-004

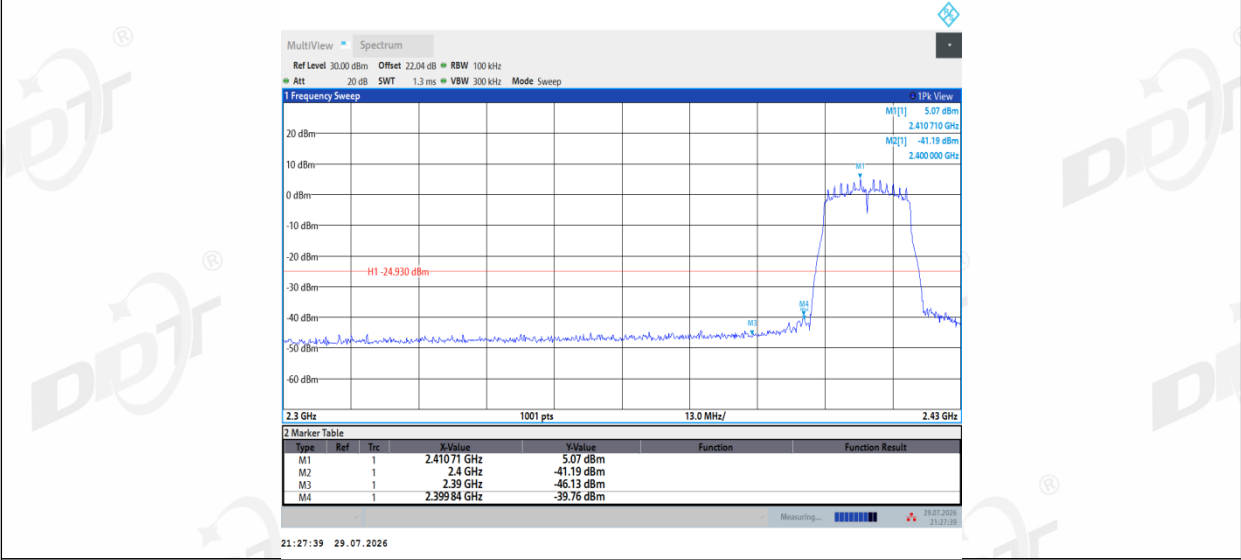
EUT Set Mode	CH or Frequency	Result(dBm)	EUT Set Mode	CH or Frequency	Result (dBm)
11b	CH1	Pass	11g	CH1	Pass
	CH11	Pass		CH11	Pass
11n HT 20	CH1	Pass	11n HT 40	CH3	Pass
	CH11	Pass		CH9	Pass
11ax HE 20	CH1	Pass	11ax HE 40	CH3	Pass
	CH11	Pass		CH9	Pass

8.5. Test graphs





11G_Ant1_Low_2412



11G_Ant2_Low_2412



11G_Ant1_High_2462