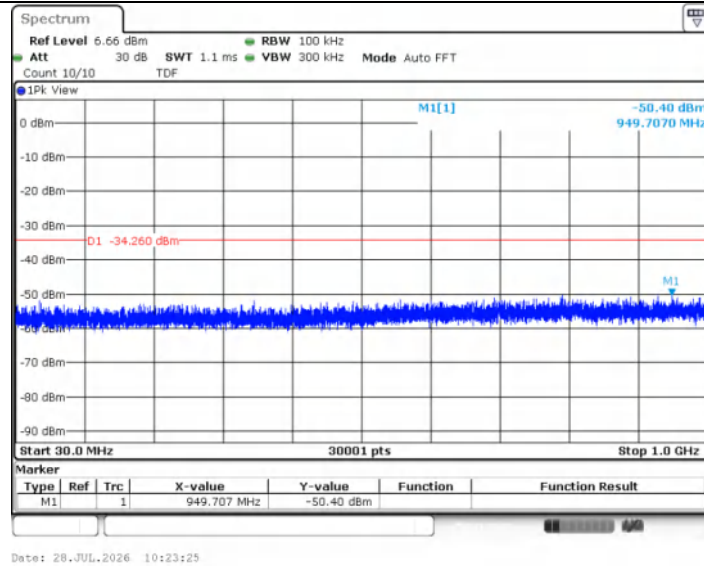
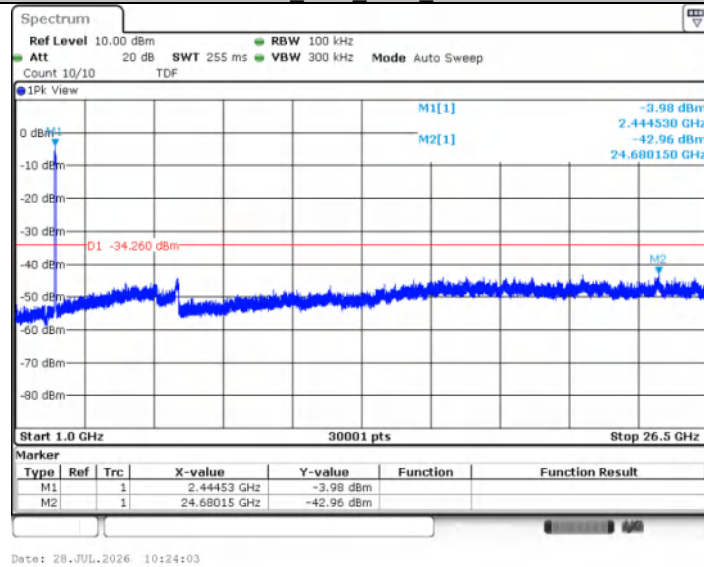
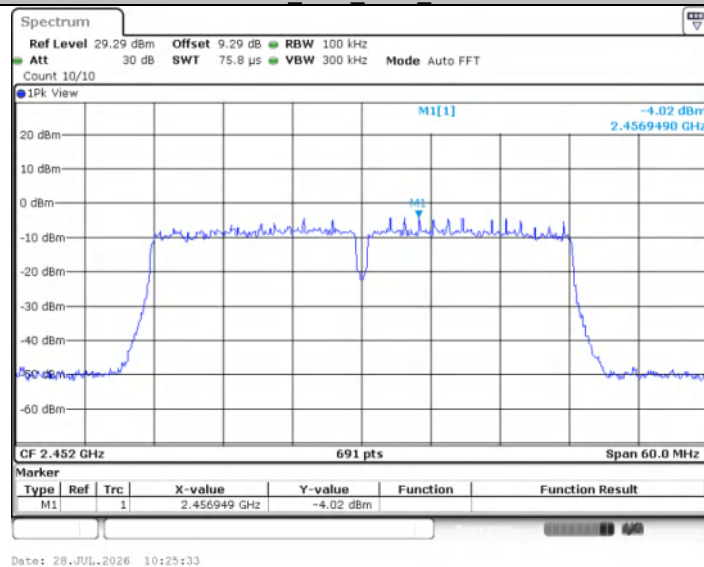




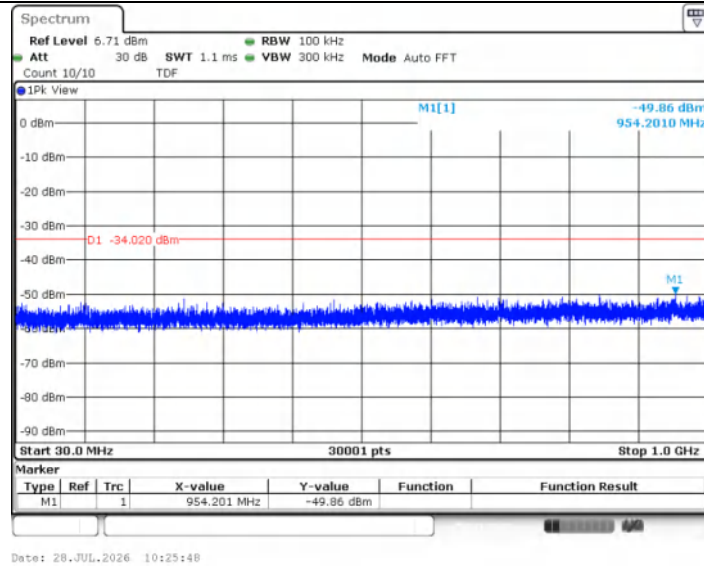
11N40MIMO_Ant1_2452_1000~26500



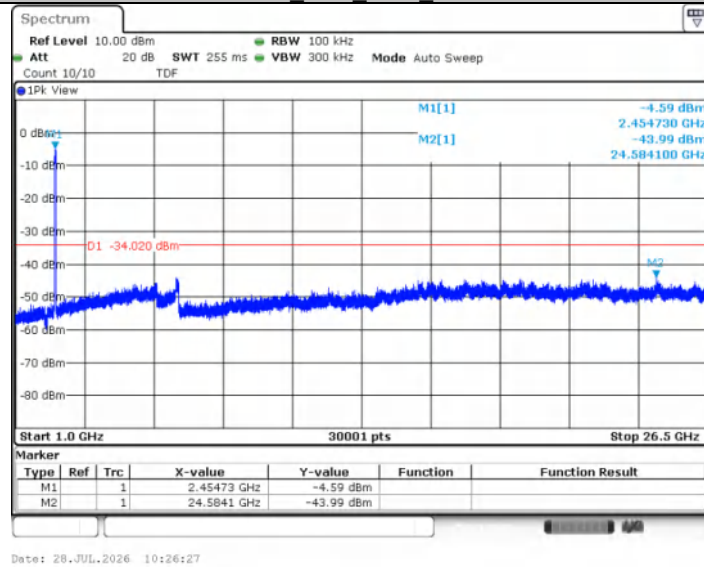
11N40MIMO_Ant2_2452_0~Reference



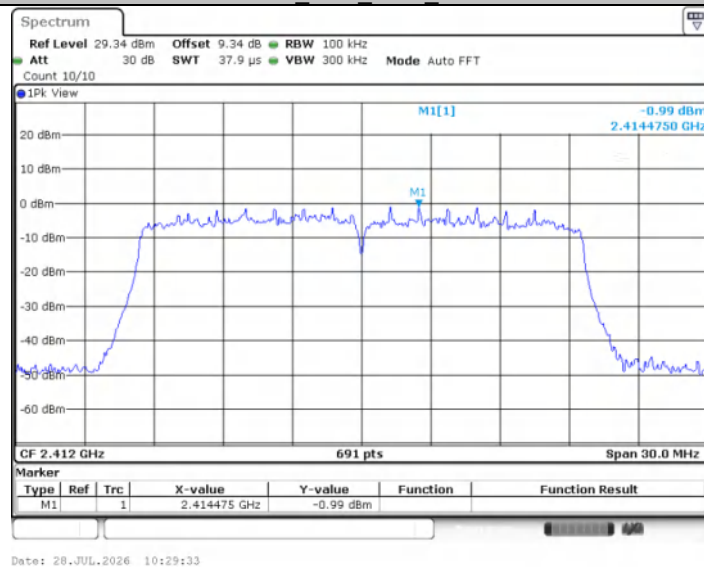
11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500



11AX20MIMO_Ant1_2412_0~Reference



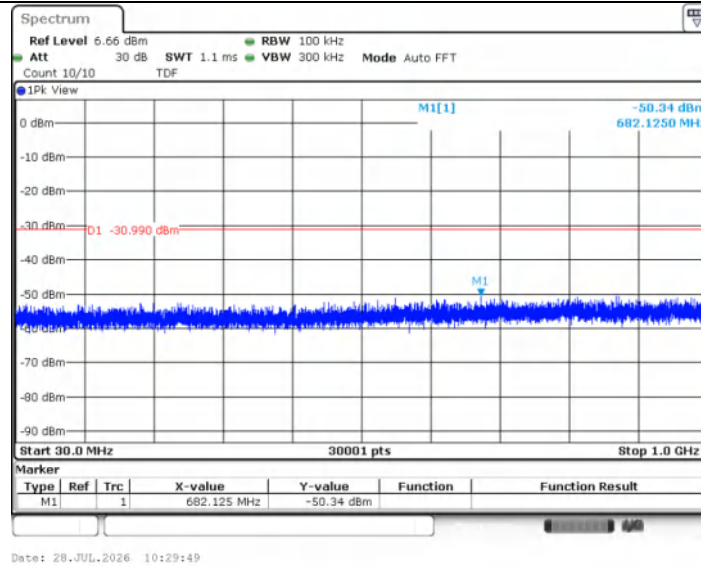
11AX20MIMO_Ant1_2412_30~1000

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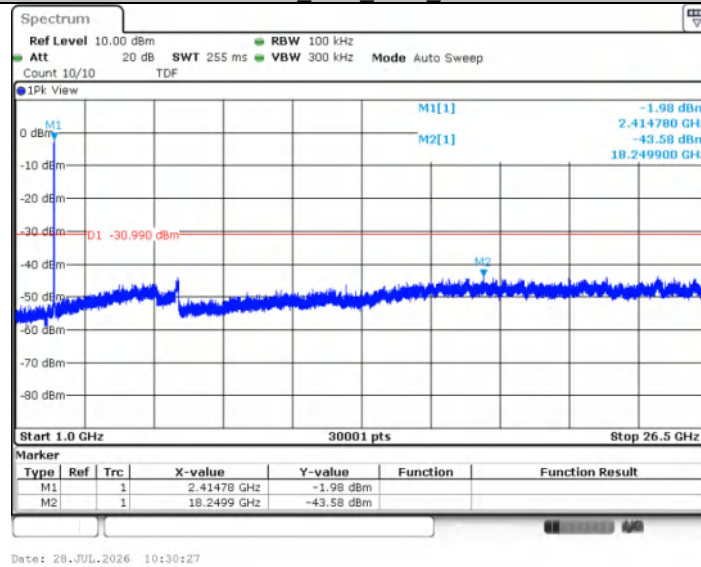
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Langqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A5

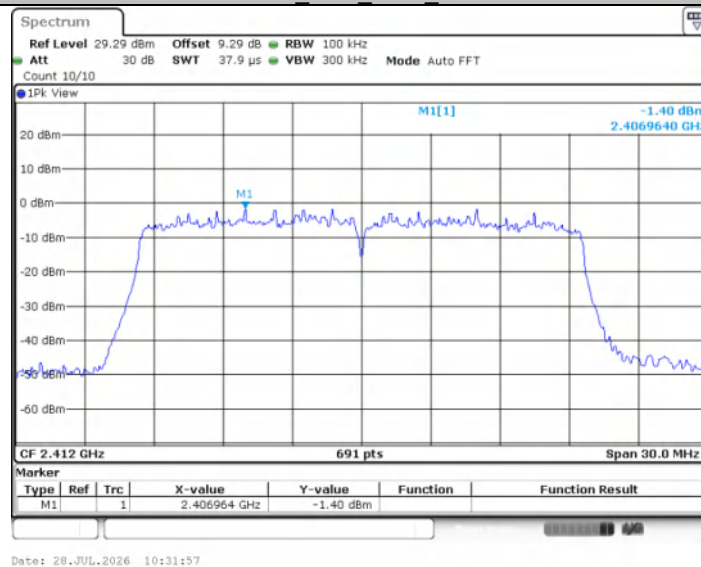
Master TRF : Dated 2026-06-01



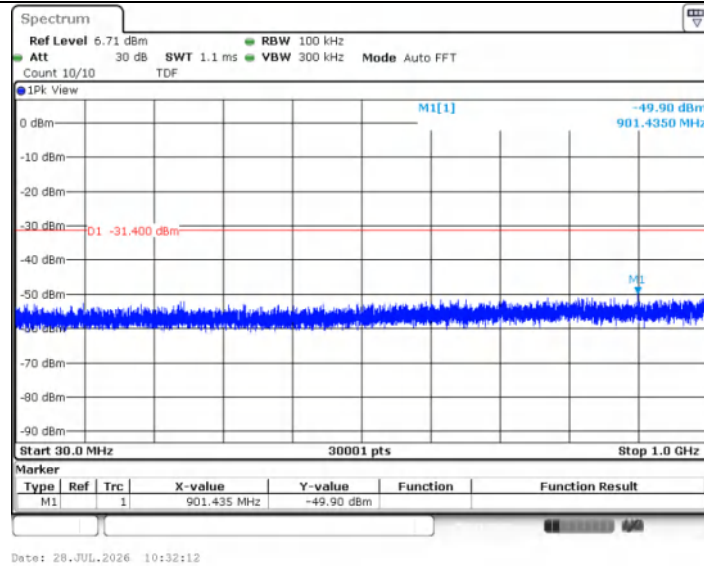
11AX20MIMO_Ant1_2412_1000~26500



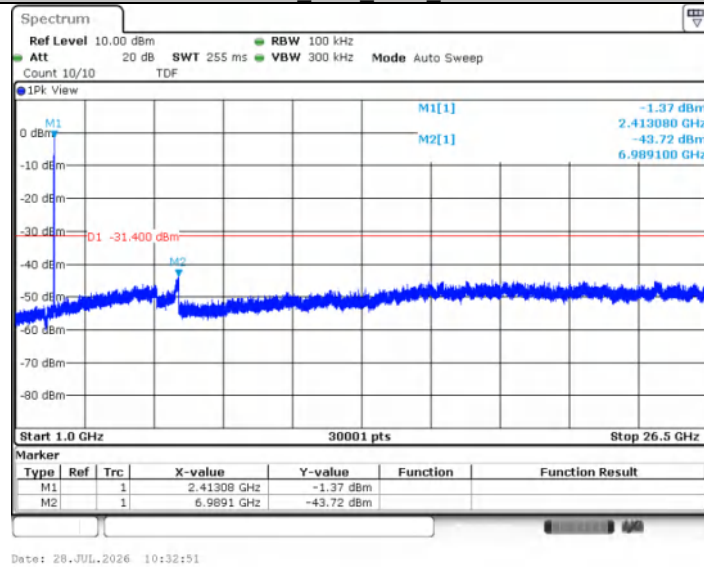
11AX20MIMO_Ant2_2412_0~Reference



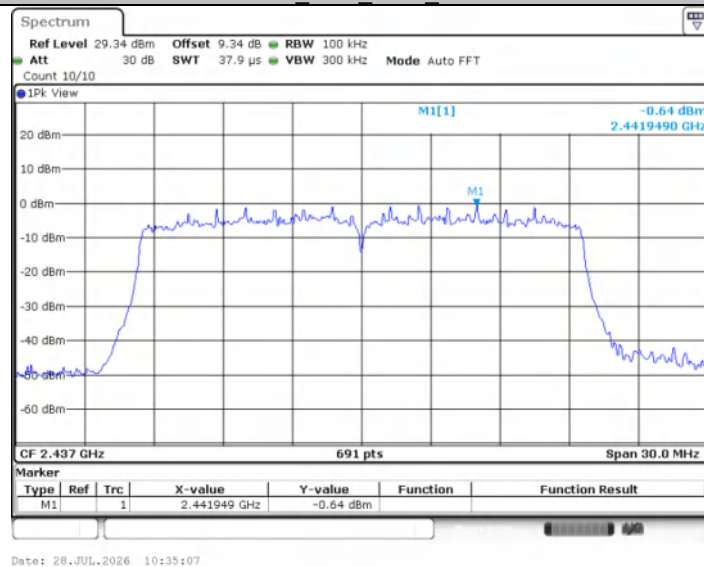
11AX20MIMO_Ant2_2412_30~1000



11AX20MIMO_Ant2_2412_1000~26500



11AX20MIMO_Ant1_2437_0~Reference



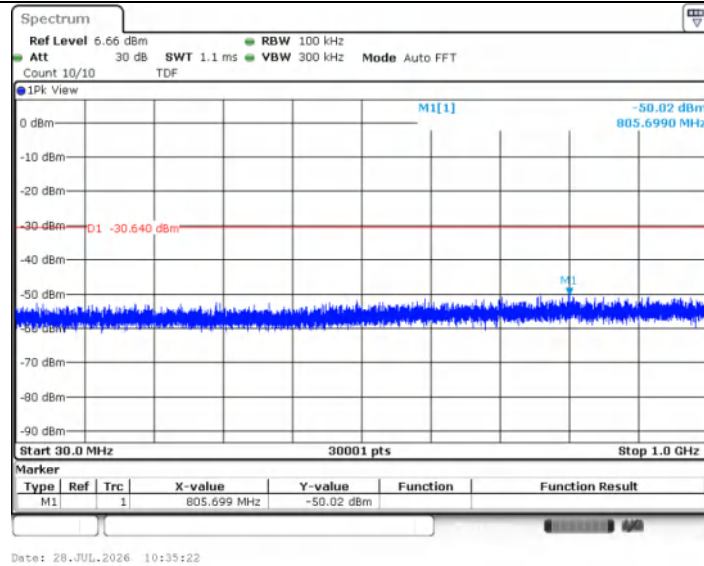
11AX20MIMO_Ant1_2437_30~1000

CTC Laboratories, Inc.

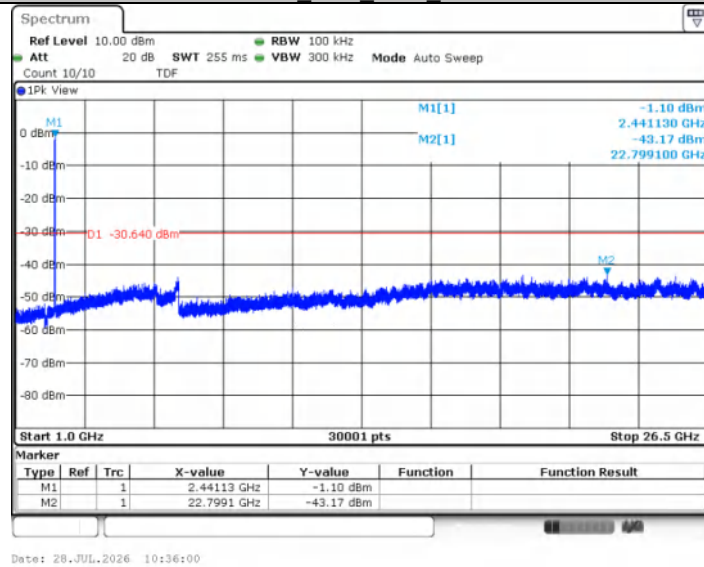
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Langqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A5

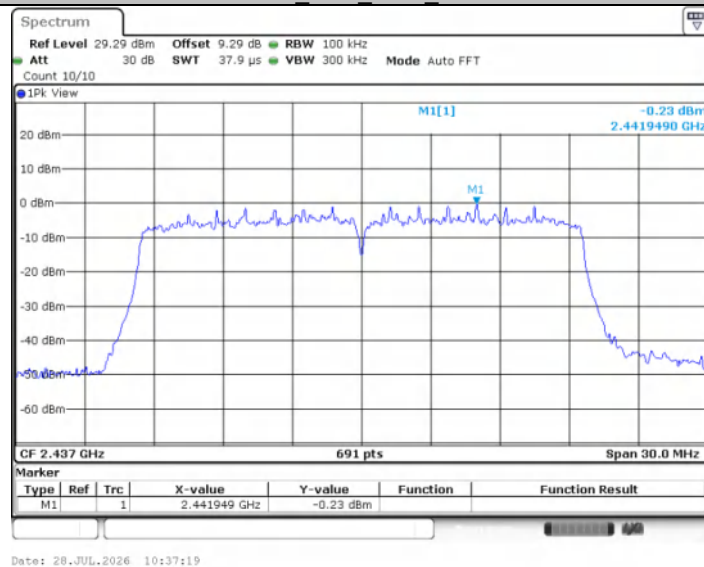
Master TRF : Dated 2026-06-01



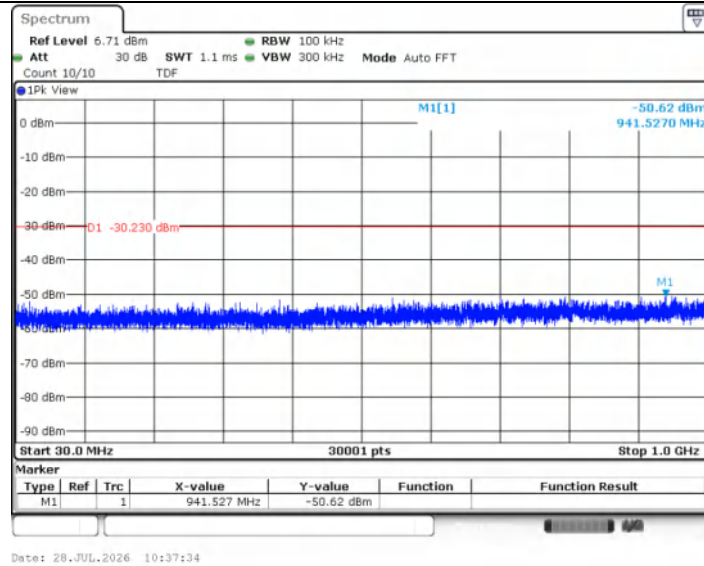
11AX20MIMO_Ant1_2437_1000~26500



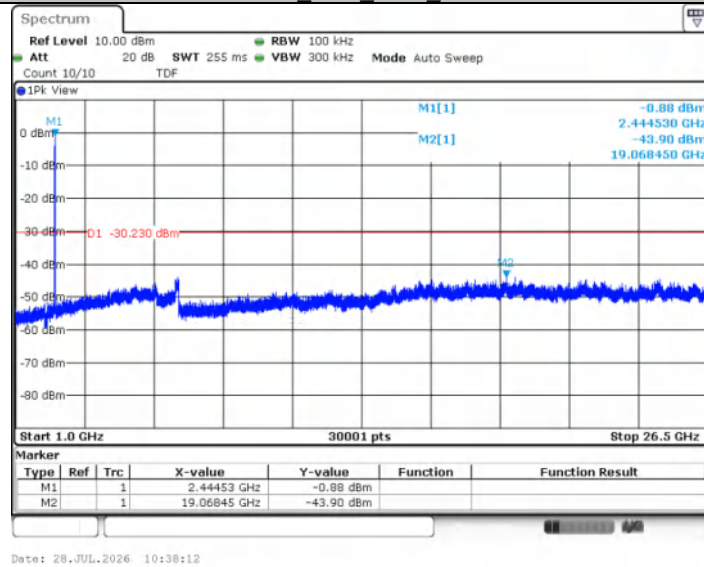
11AX20MIMO_Ant2_2437_0~Reference



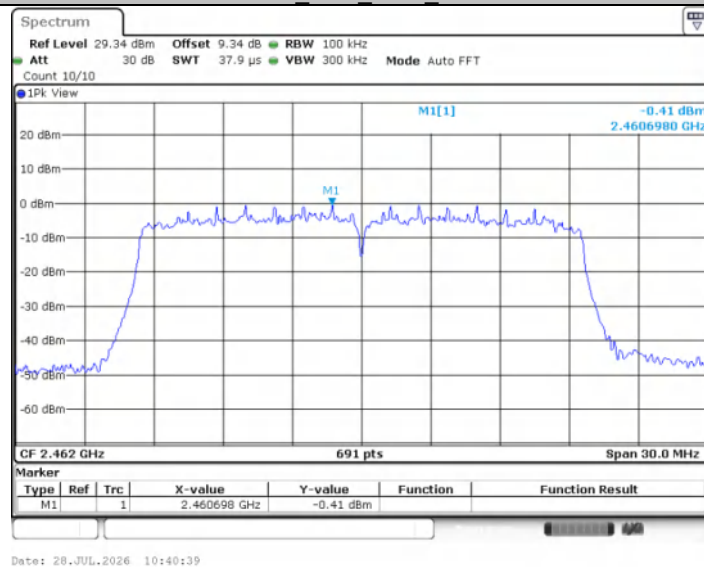
11AX20MIMO_Ant2_2437_30~1000



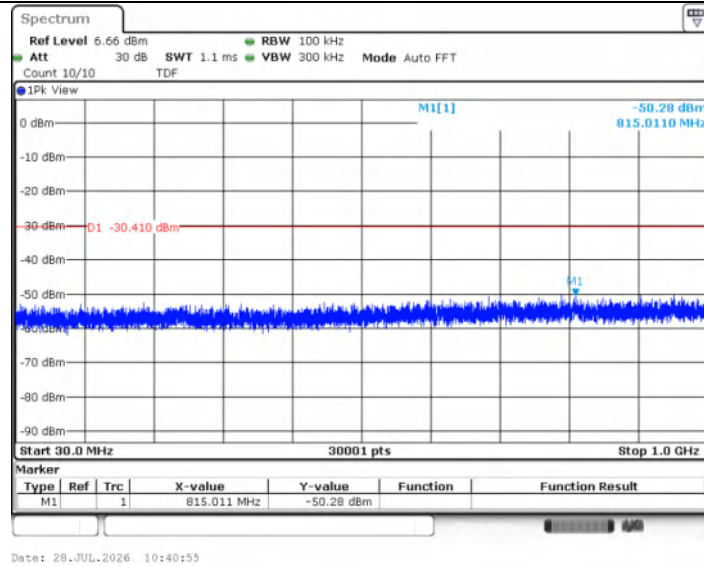
11AX20MIMO_Ant2_2437_1000~26500



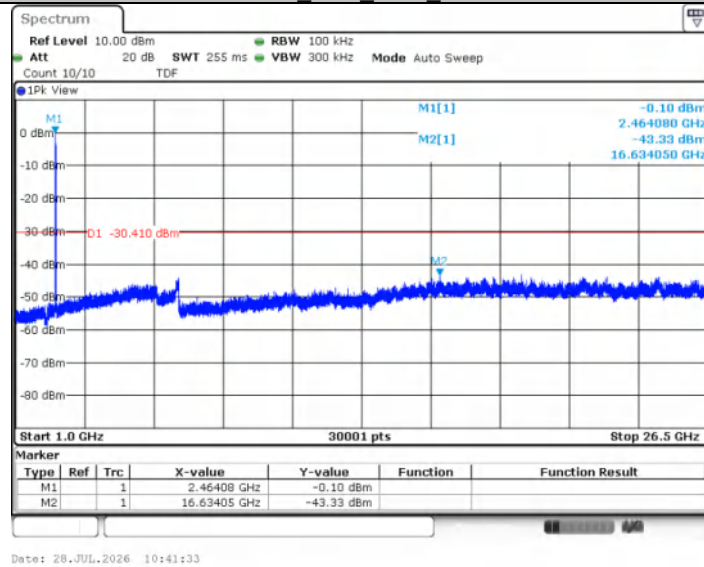
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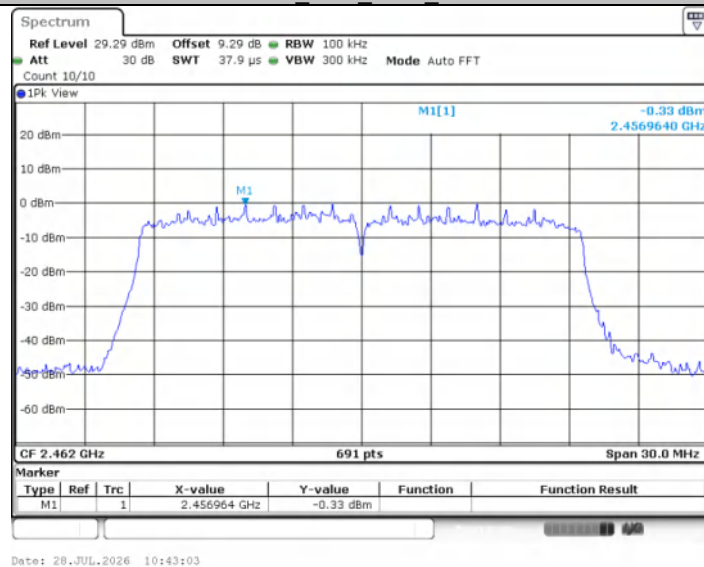
11AX20MIMO_Ant1_2462_30~1000



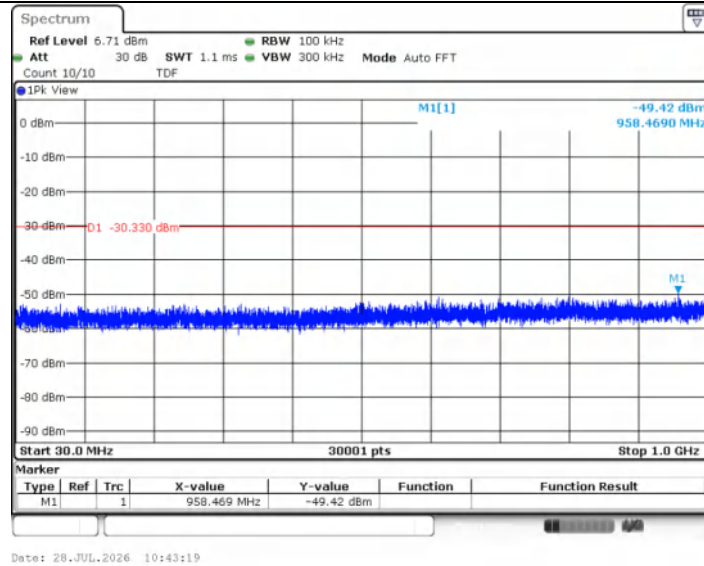
11AX20MIMO_Ant1_2462_1000~26500



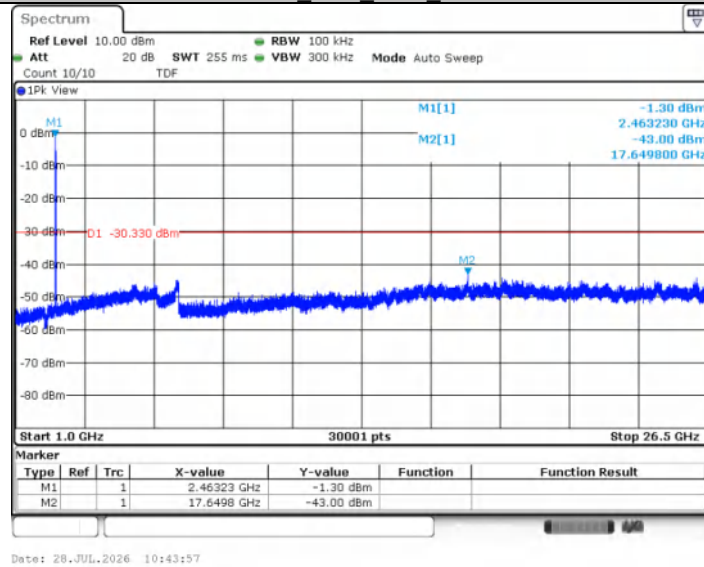
11AX20MIMO_Ant2_2462_0~Reference



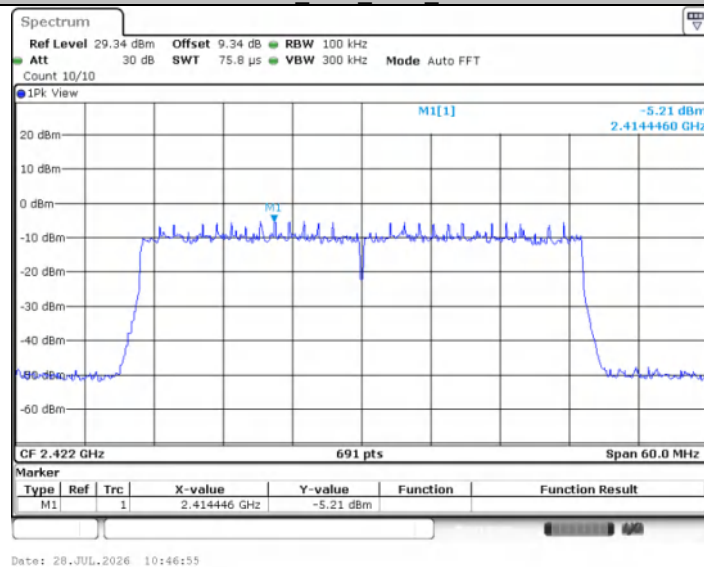
11AX20MIMO_Ant2_2462_30~1000



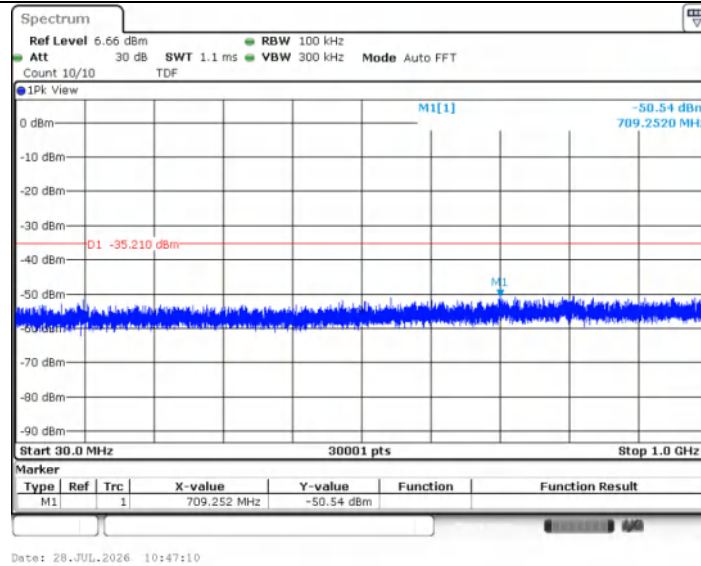
11AX20MIMO_Ant2_2462_1000~26500



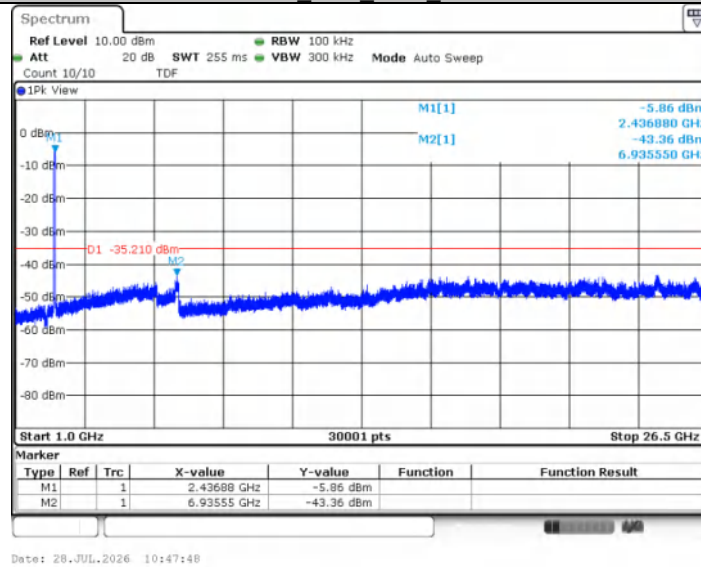
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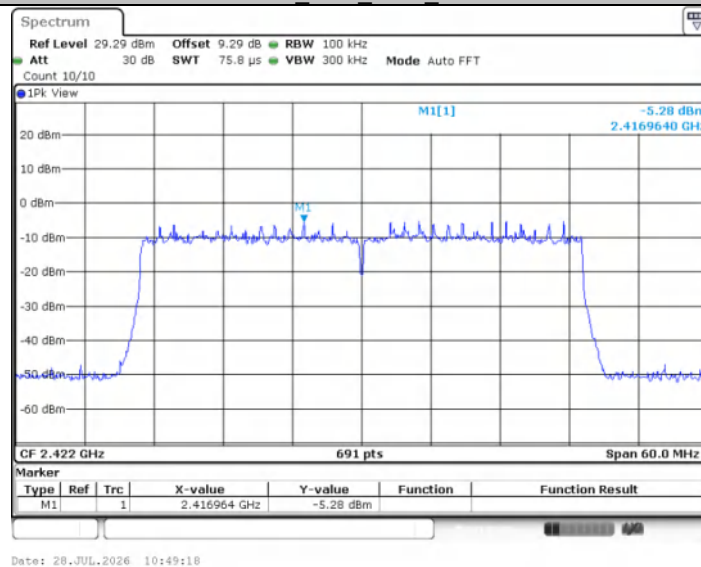
11AX40MIMO_Ant1_2422_30~1000



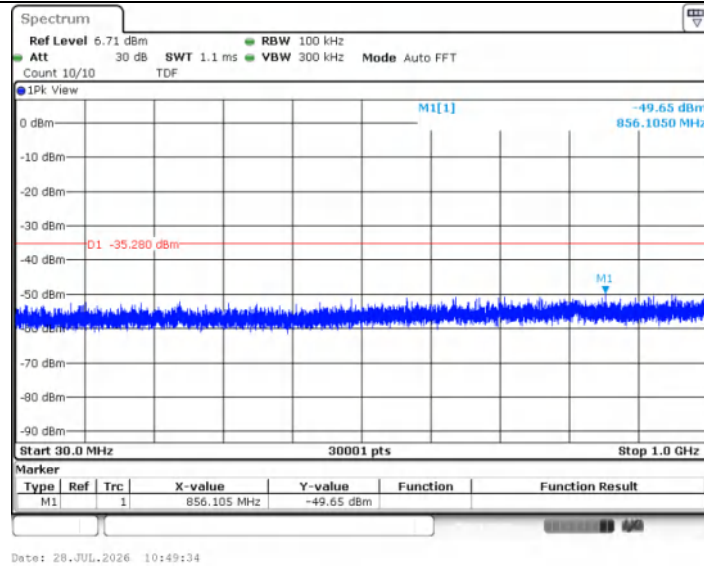
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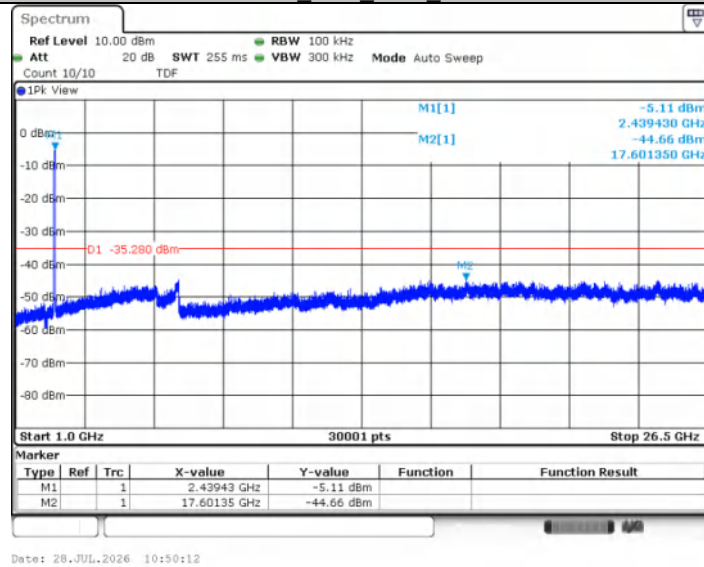
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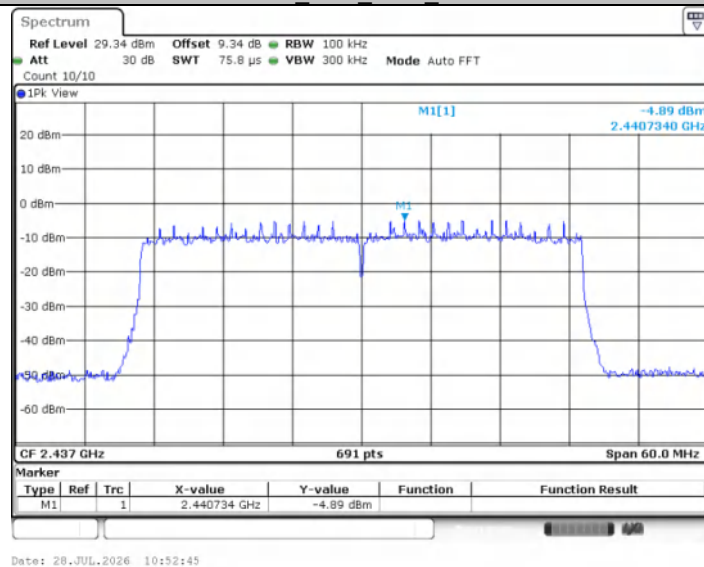
11AX40MIMO_Ant2_2422_30~1000



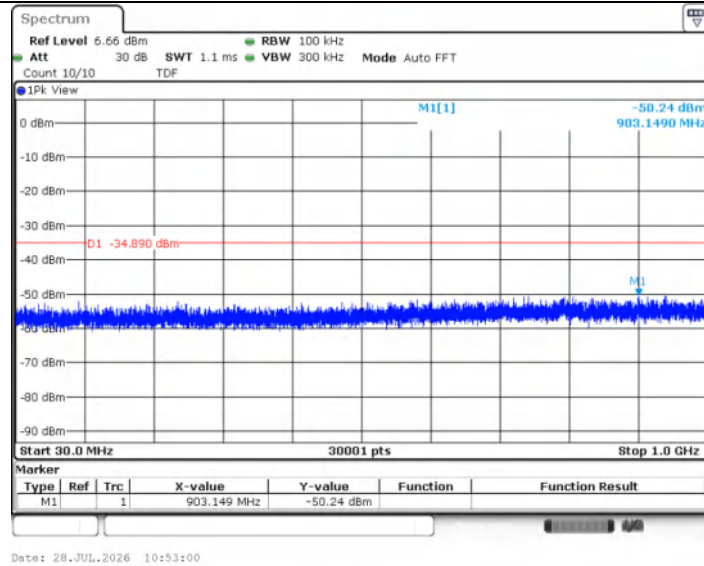
11AX40MIMO_Ant2_2422_1000~26500



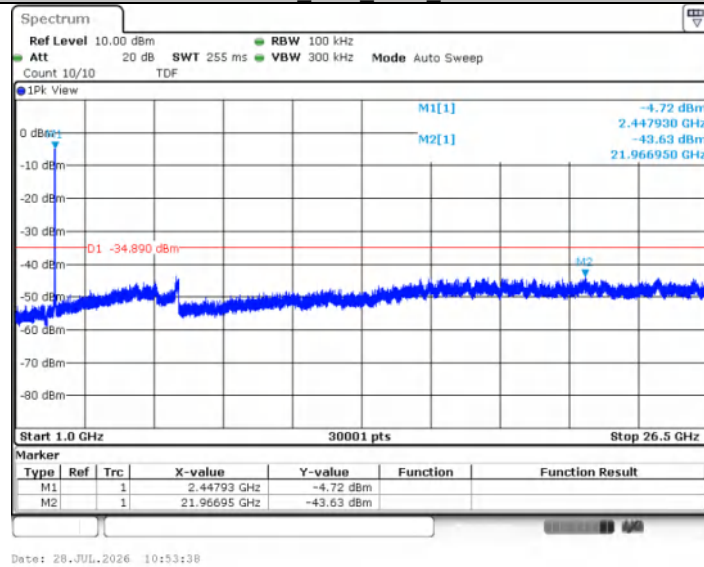
11AX40MIMO_Ant1_2437_0~Reference



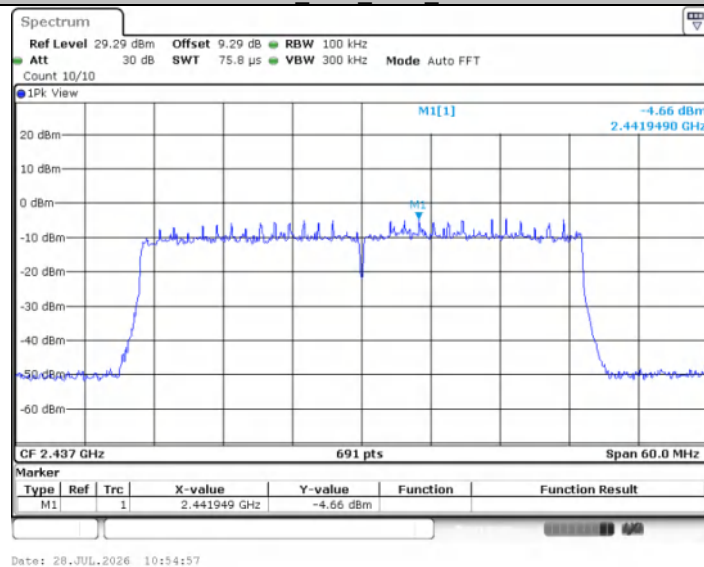
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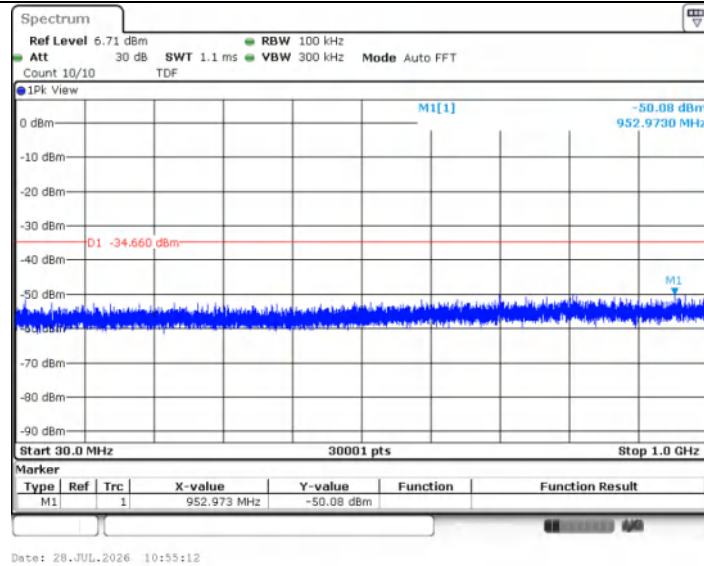
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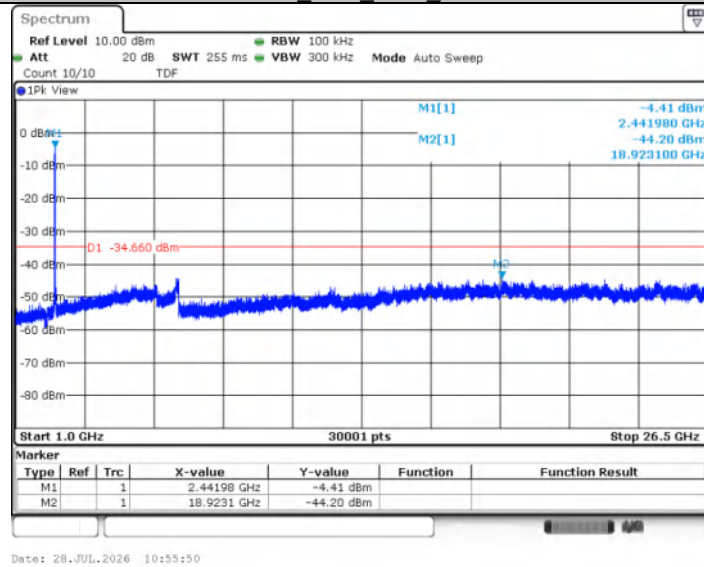
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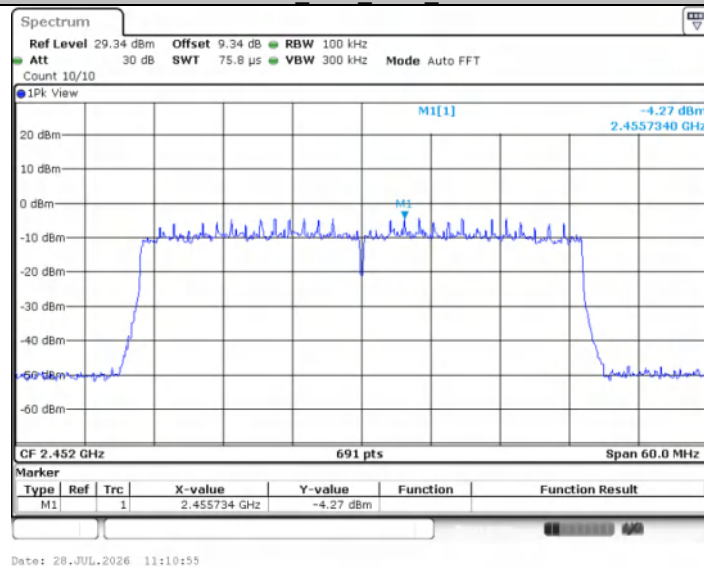
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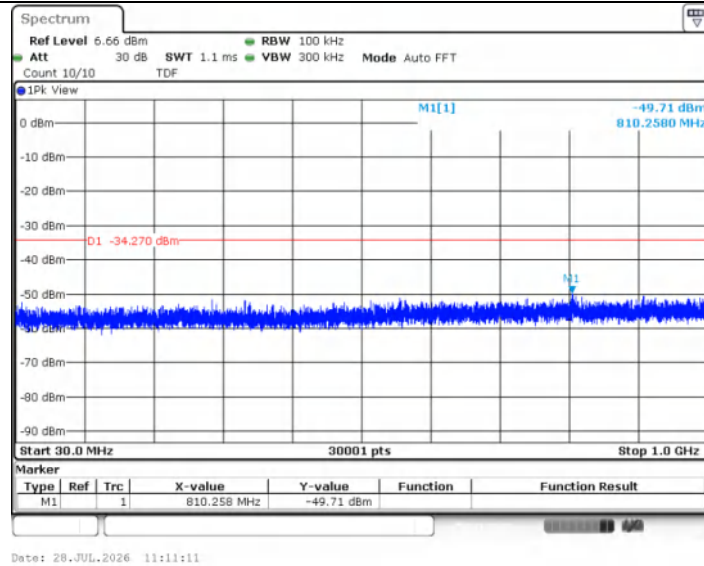
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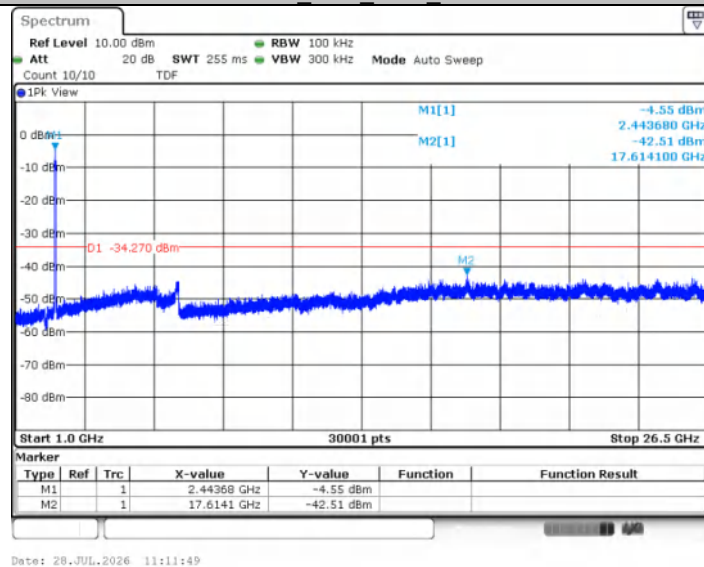
11AX40MIMO_Ant1_2452_0~Reference



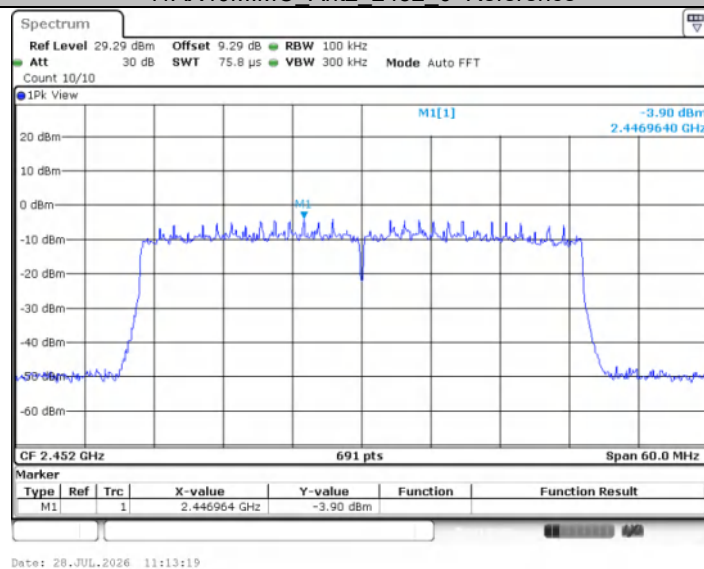
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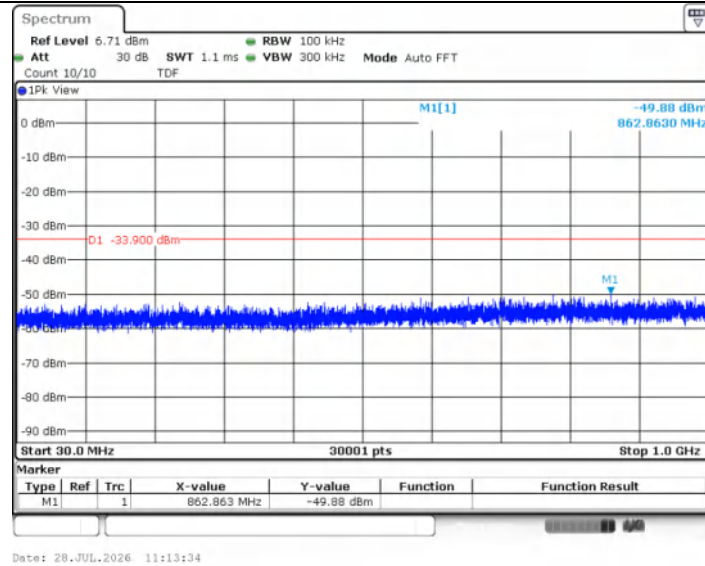
11AX40MIMO_Ant1_2452_1000~26500



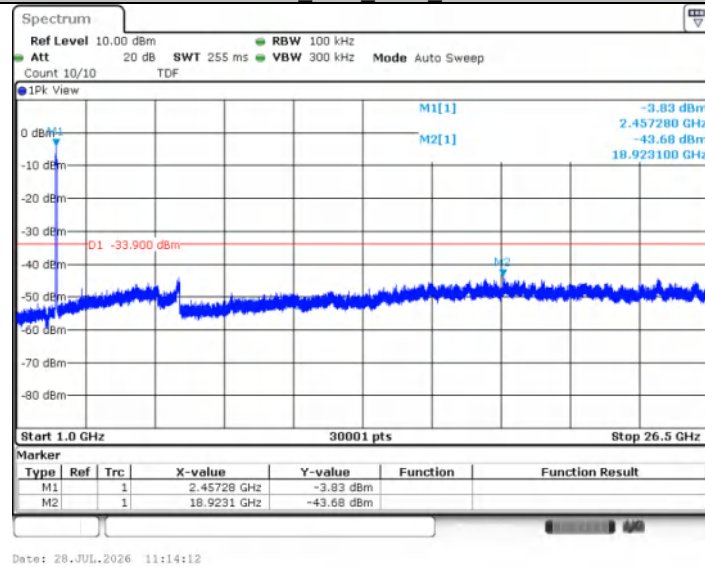
11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~1000



11AX40MIMO_Ant2_2452_1000~26500



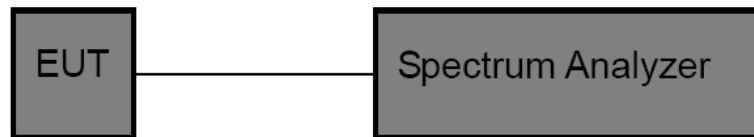
3.5. Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2) / RSS-247 6.3.1(a) / RSS-Gen 6.7

Test Item	Limit	Frequency Range (MHz)
DTS Bandwidth	≥ 500 kHz (6dB bandwidth)	2400~2483.5
99% Bandwidth	/	2400~2483.5

Test Configuration



Test Procedure

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- DTS Spectrum Setting:
 - Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
 - Set the video bandwidth (VBW) ≥ 3 RBW.
 - Detector = Peak.
 - Trace mode = Max hold.
 - Sweep = Auto couple.
- OCB Spectrum Setting:
 - Set RBW = 1% ~ 5% occupied bandwidth.
 - Set the video bandwidth (VBW) ≥ 3 RBW.
 - Detector = Peak.
 - Trace mode = Max hold.
 - Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

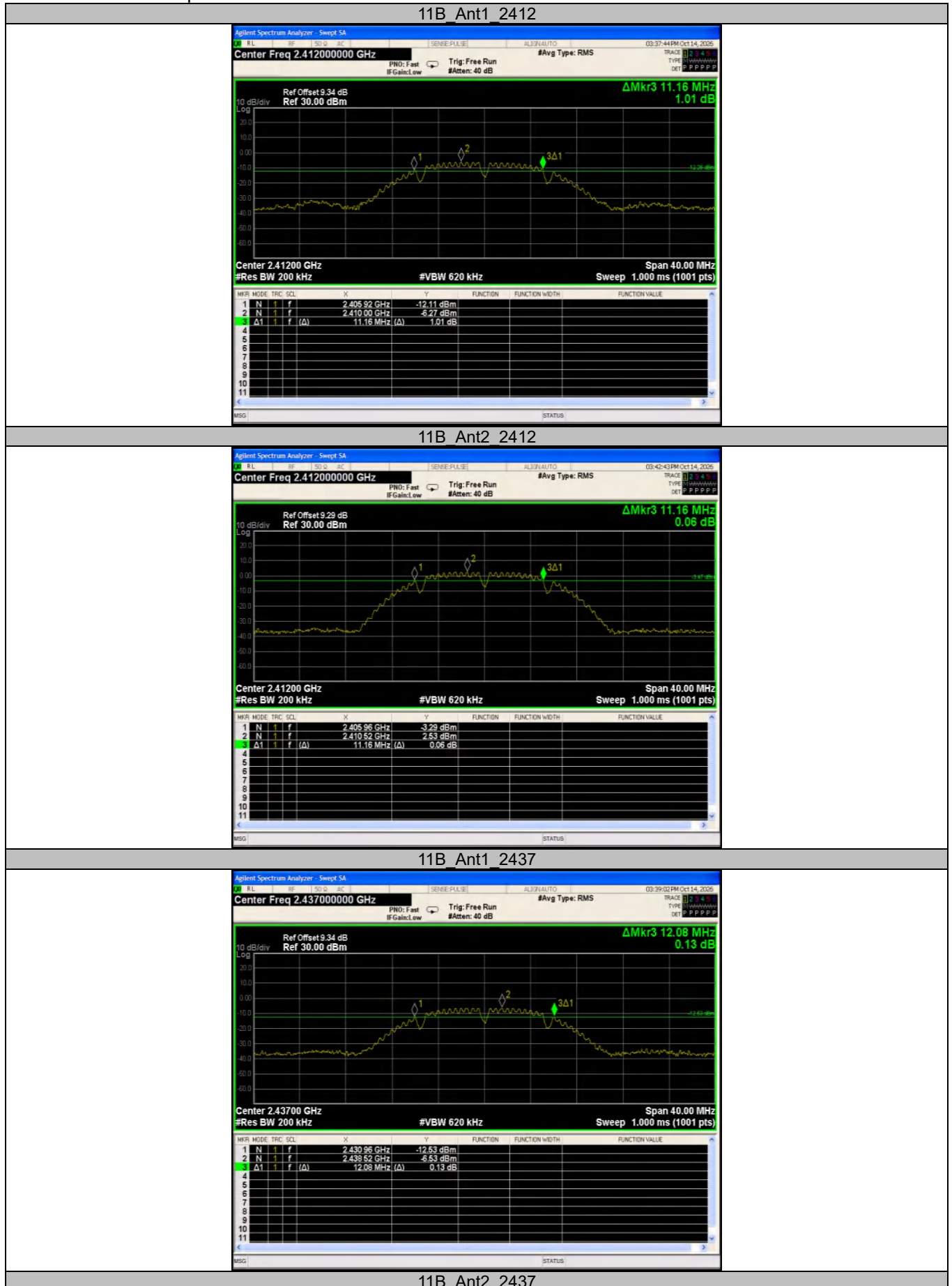
Test Mode

Please refer to the clause 2.4.

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	DTS BW [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.025	11.160	0.5	PASS
	Ant2	2412	15.105	11.160	0.5	PASS
	Ant1	2437	15.025	12.080	0.5	PASS
	Ant2	2437	15.065	11.120	0.5	PASS
	Ant1	2462	14.985	11.160	0.5	PASS
	Ant2	2462	15.025	12.040	0.5	PASS
11G	Ant1	2412	16.464	16.320	0.5	PASS
	Ant2	2412	16.623	16.280	0.5	PASS
	Ant1	2437	16.503	16.320	0.5	PASS
	Ant2	2437	16.503	16.360	0.5	PASS
	Ant1	2462	16.583	16.320	0.5	PASS
	Ant2	2462	16.503	16.320	0.5	PASS
11N20MIMO	Ant1	2412	17.662	17.520	0.5	PASS
	Ant2	2412	17.702	17.400	0.5	PASS
	Ant1	2437	17.582	17.400	0.5	PASS
	Ant2	2437	17.582	17.480	0.5	PASS
	Ant1	2462	17.662	17.520	0.5	PASS
	Ant2	2462	17.662	17.520	0.5	PASS
11N40MIMO	Ant1	2422	36.364	36.160	0.5	PASS
	Ant2	2422	36.284	36.320	0.5	PASS
	Ant1	2437	36.124	36.080	0.5	PASS
	Ant2	2437	36.204	36.400	0.5	PASS
	Ant1	2452	36.364	36.080	0.5	PASS
	Ant2	2452	36.204	36.320	0.5	PASS
11AX20MIMO	Ant1	2412	19.021	19.000	0.5	PASS
	Ant2	2412	19.021	19.000	0.5	PASS
	Ant1	2437	19.061	18.920	0.5	PASS
	Ant2	2437	18.981	18.960	0.5	PASS
	Ant1	2462	19.101	19.000	0.5	PASS
	Ant2	2462	19.021	18.960	0.5	PASS
11AX40MIMO	Ant1	2422	37.882	37.840	0.5	PASS
	Ant2	2422	38.042	37.840	0.5	PASS
	Ant1	2437	37.962	37.760	0.5	PASS
	Ant2	2437	37.962	37.760	0.5	PASS
	Ant1	2452	37.802	37.600	0.5	PASS
	Ant2	2452	37.722	37.760	0.5	PASS

DTS Bandwidth Test plot as follows:



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TRF No: CTC-TR-057_A5

Master TRF : Dated 2026-06-01



11B_Ant1_2462



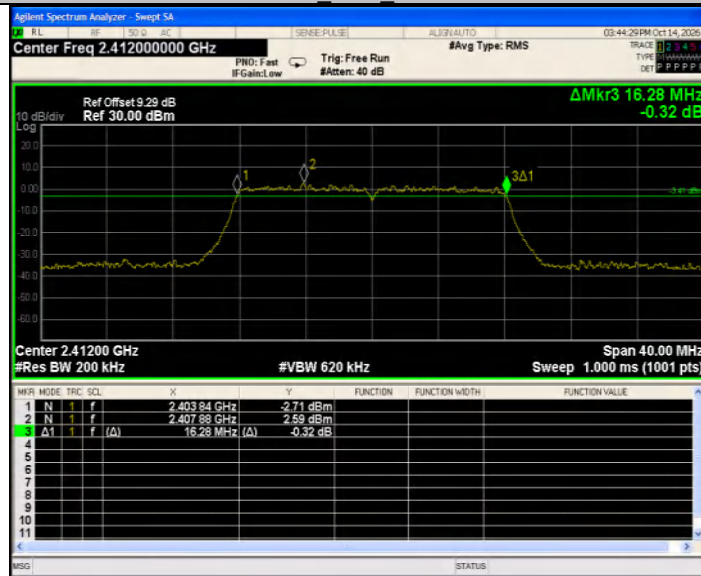
11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



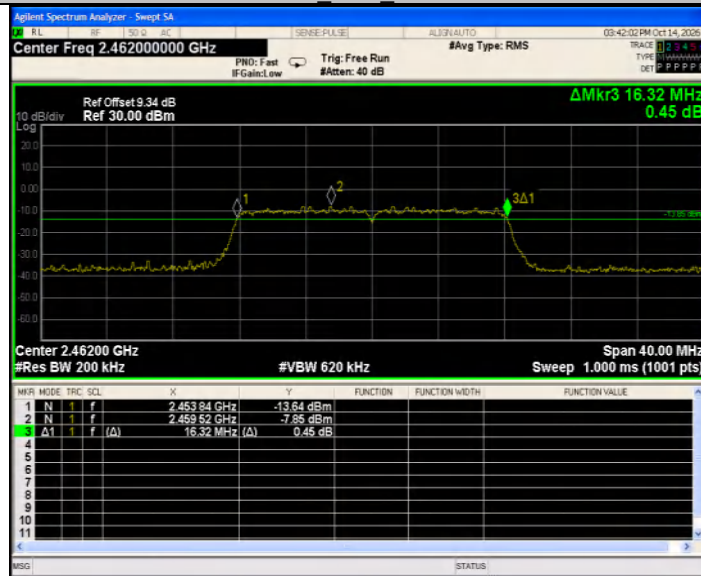
11G_Ant1_2437



11G_Ant2_2437



11G Ant1_2462



11G Ant2_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



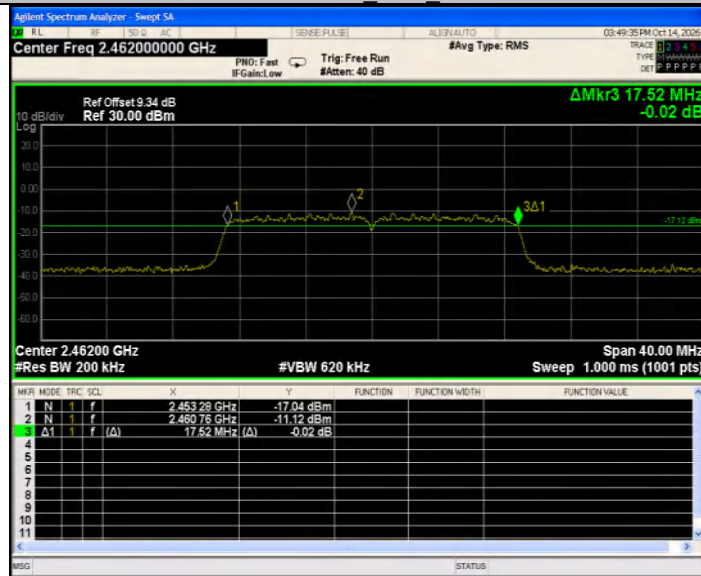
11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



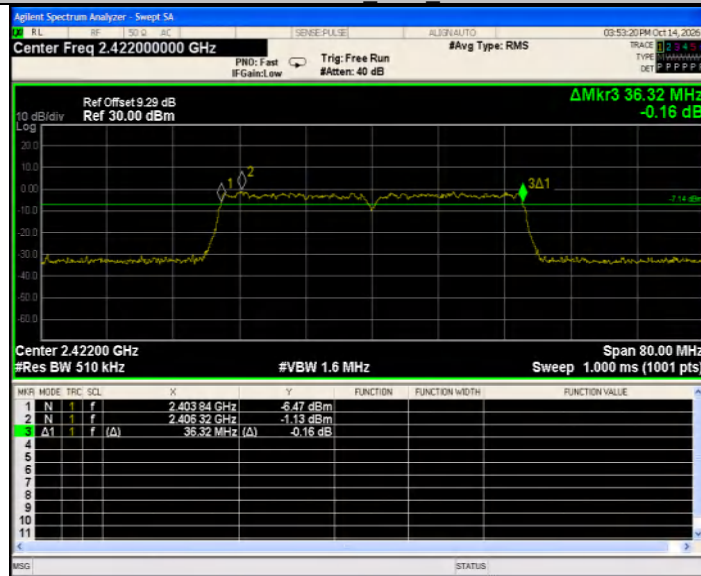
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



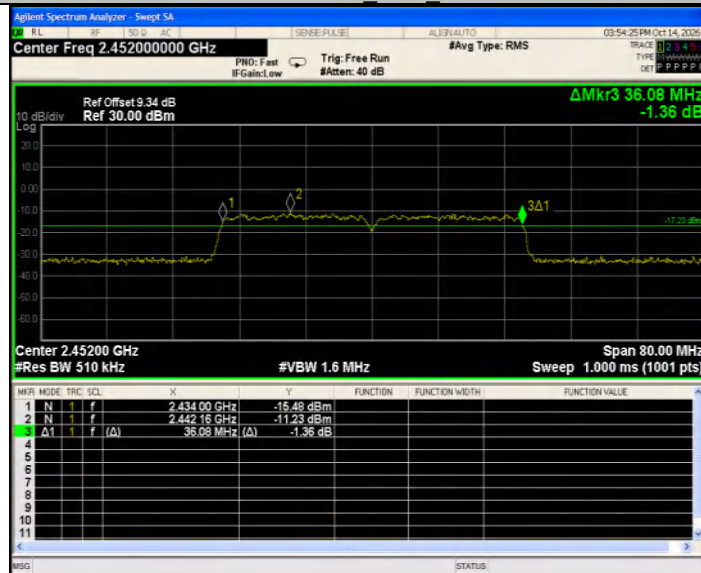
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



11AX20MIMO_Ant1_2412



11AX20MIMO Ant2 2412



11AX20MIMO Ant1 2437



11AX20MIMO Ant2 2437



11AX20MIMO Ant1 2462



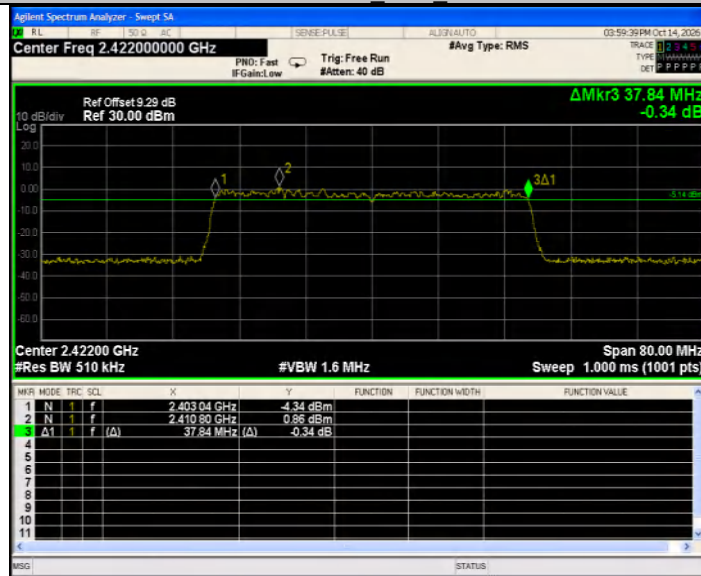
11AX20MIMO Ant2 2462



11AX40MIMO Ant1 2422



11AX40MIMO_Ant2_2422



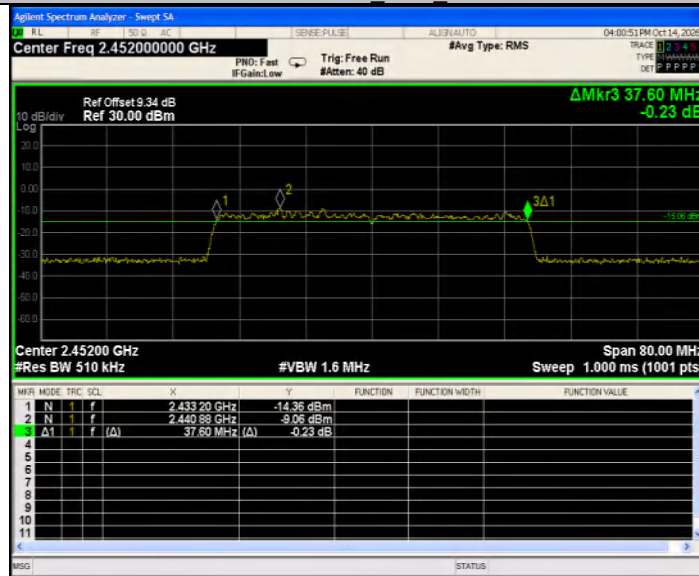
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



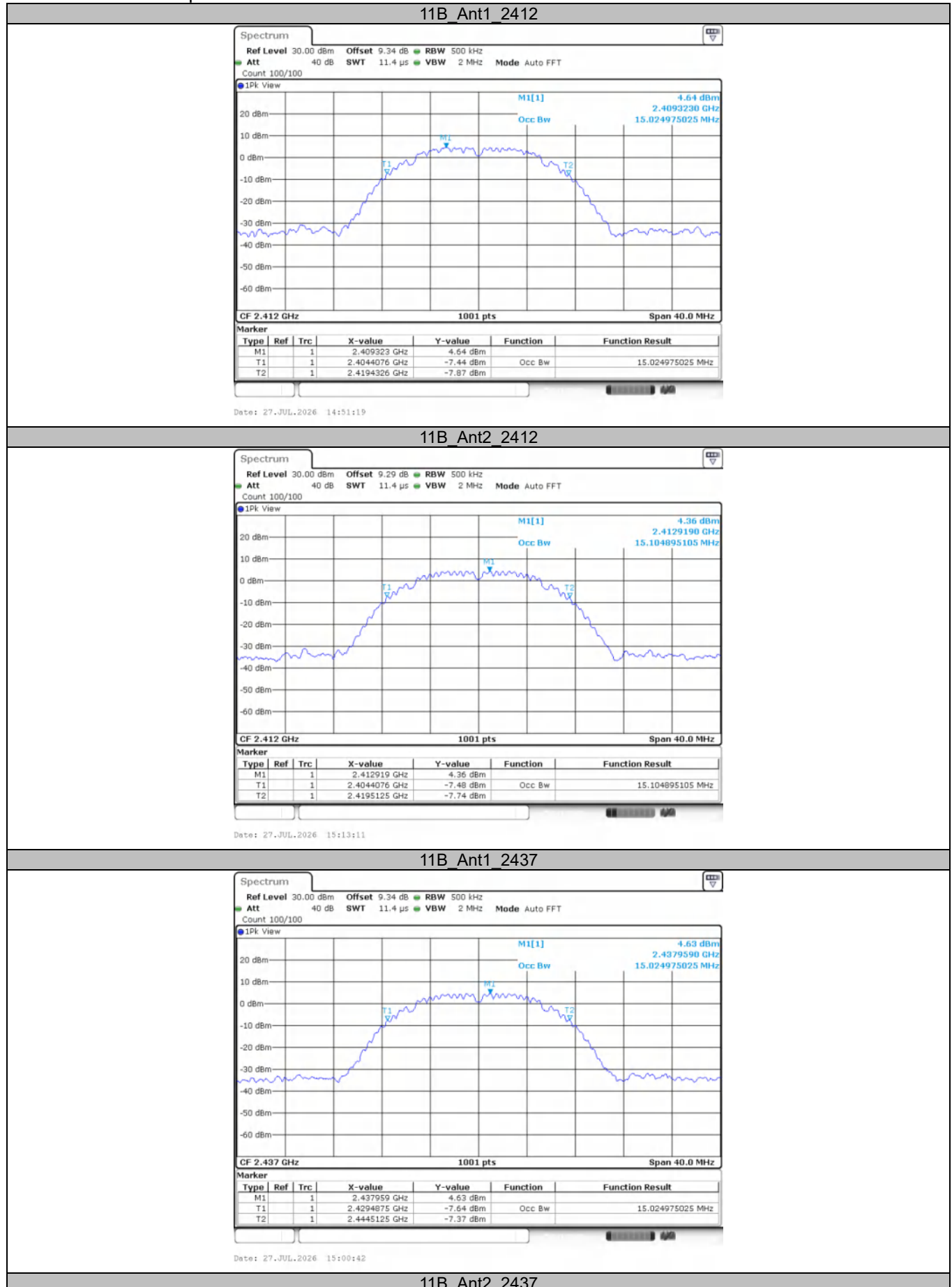
11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



99% Bandwidth Test plot as follows:

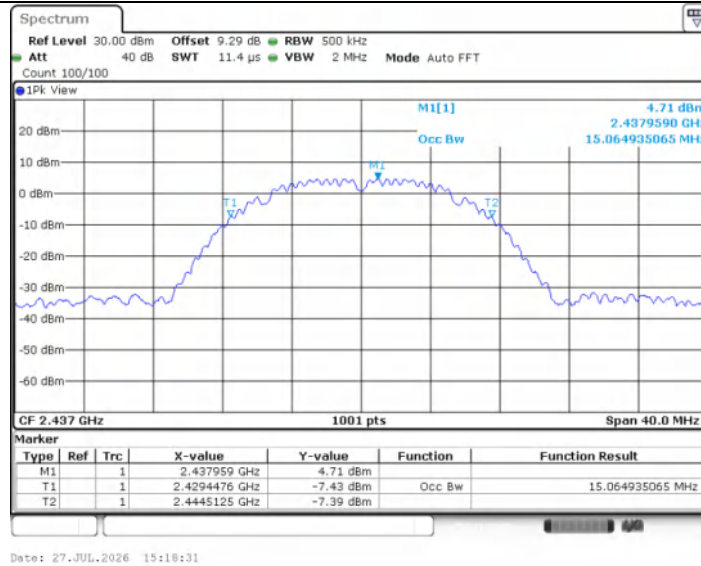


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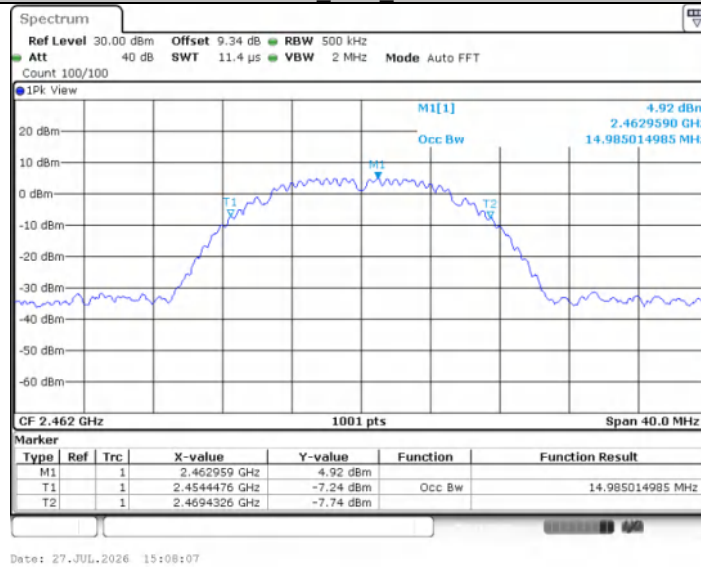
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A5

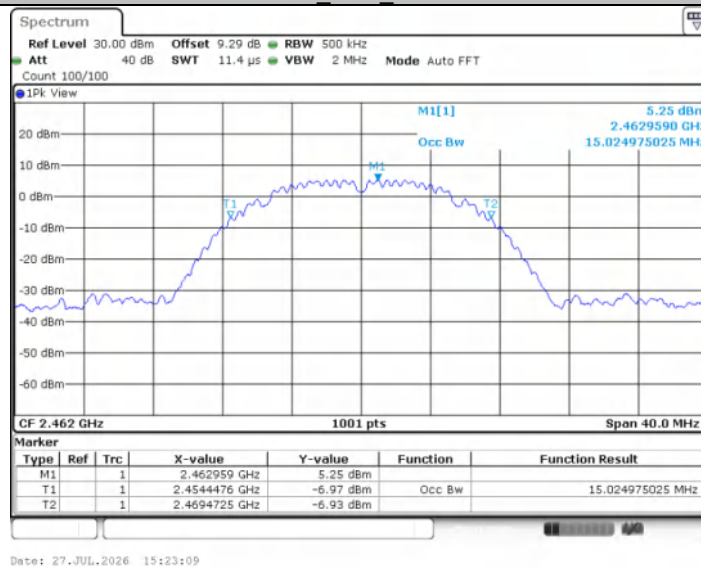
Master TRF : Dated 2026-06-01



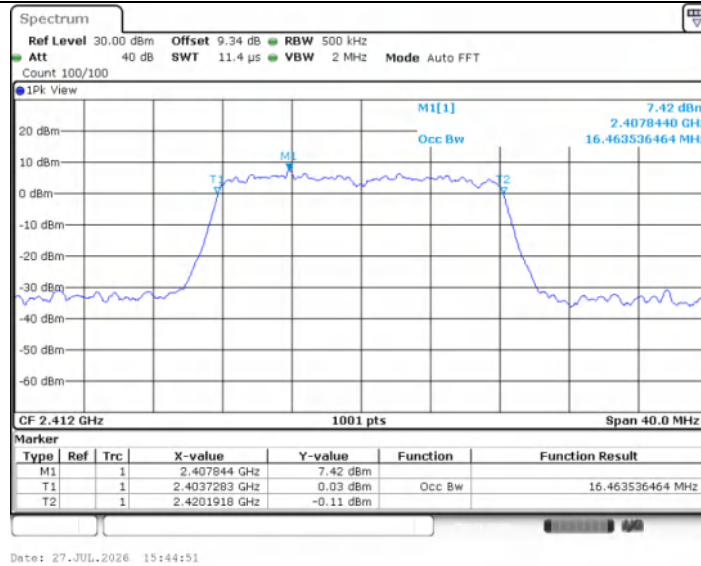
11B_Ant1_2462



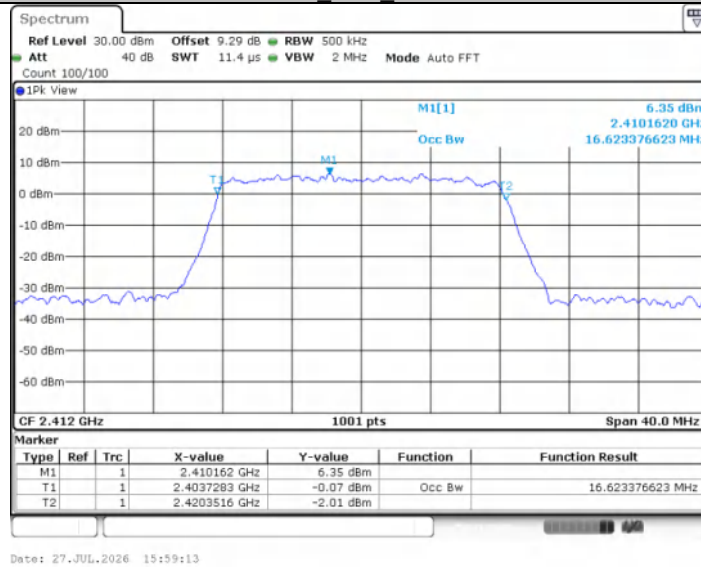
11B_Ant2_2462



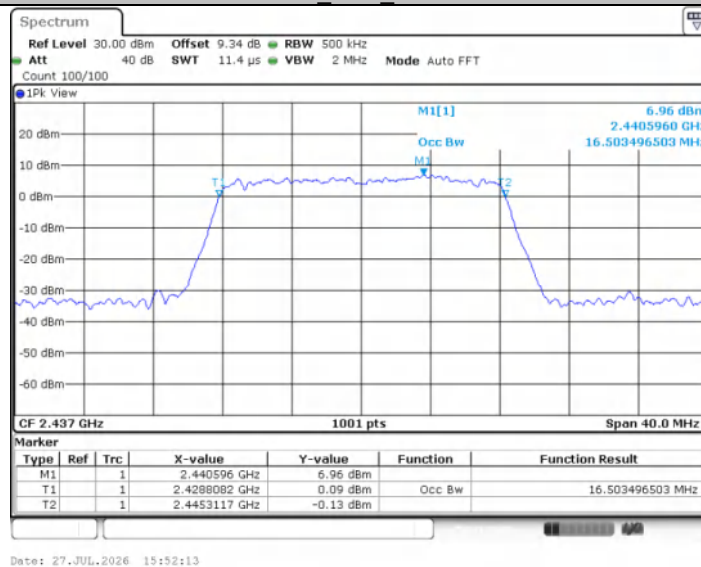
11G_Ant1_2412



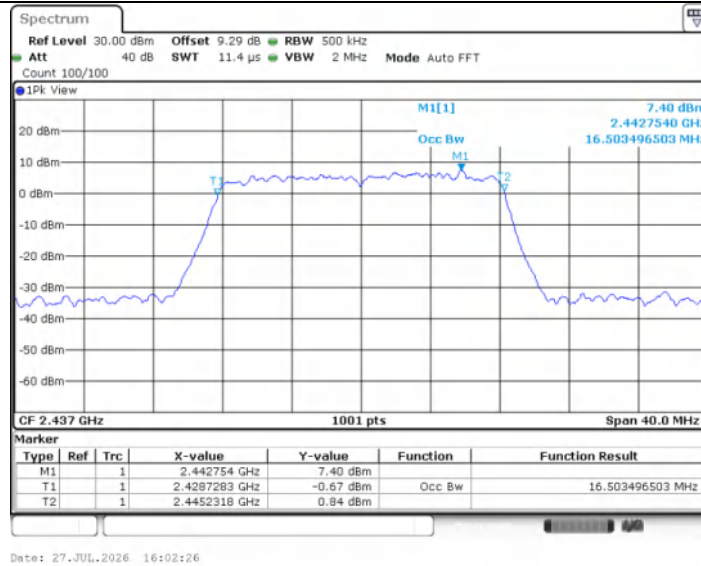
11G_Ant2_2412



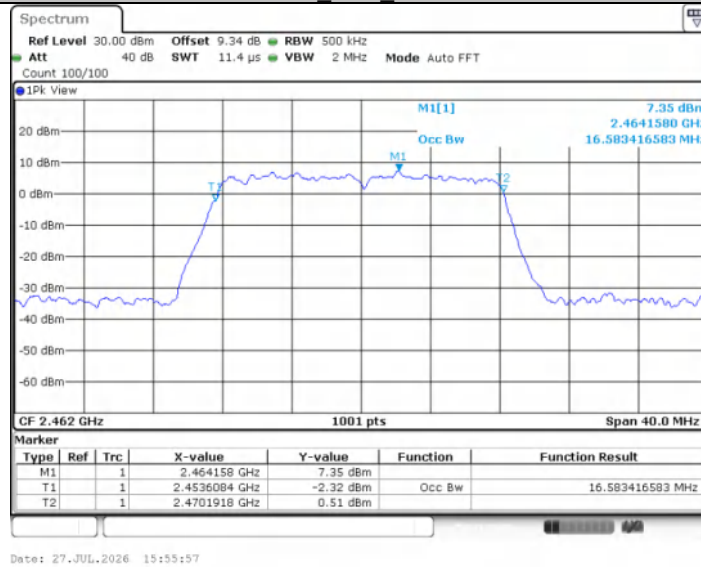
11G_Ant1_2437



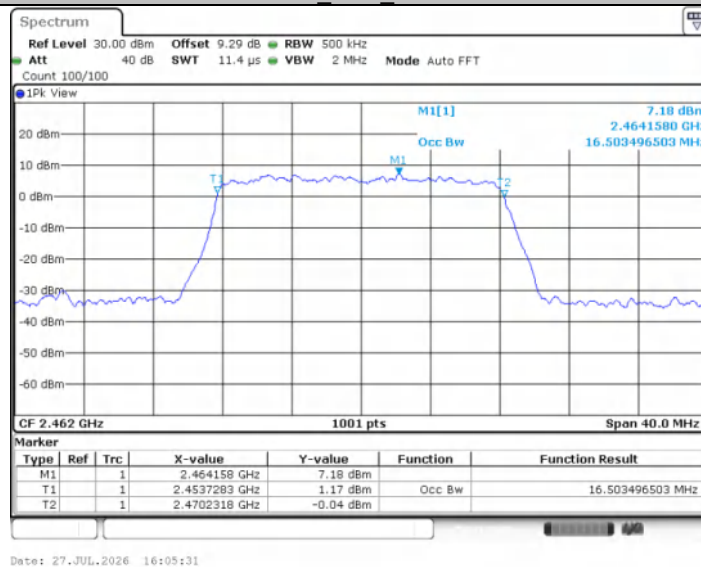
11G_Ant2_2437



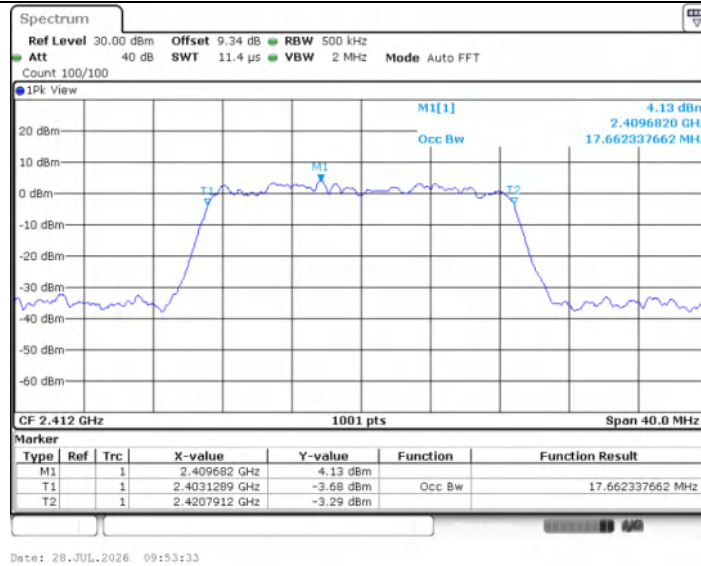
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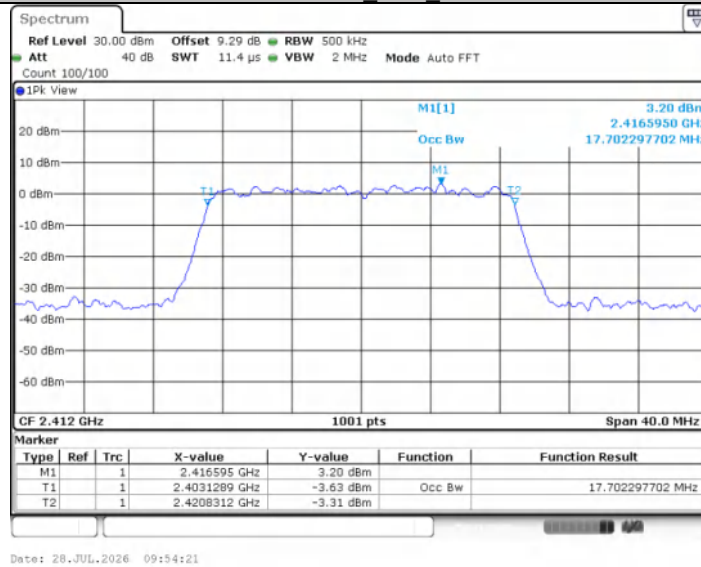
11G_Ant2_2462



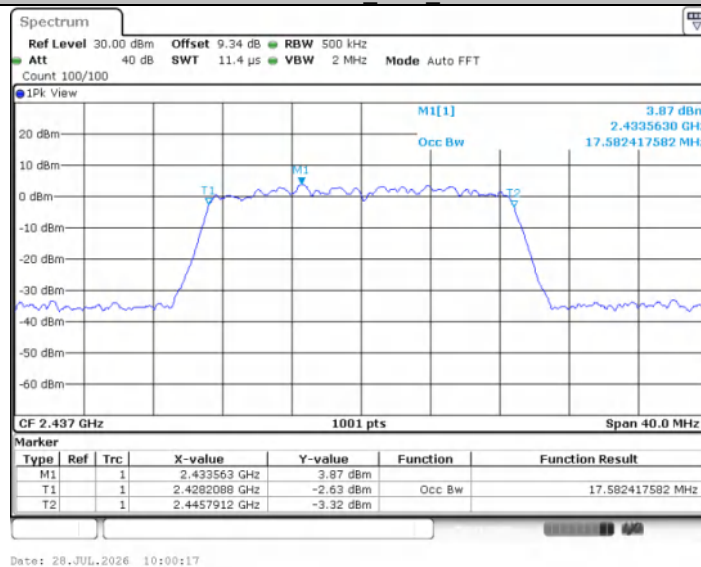
11N20MIMO_Ant1_2412



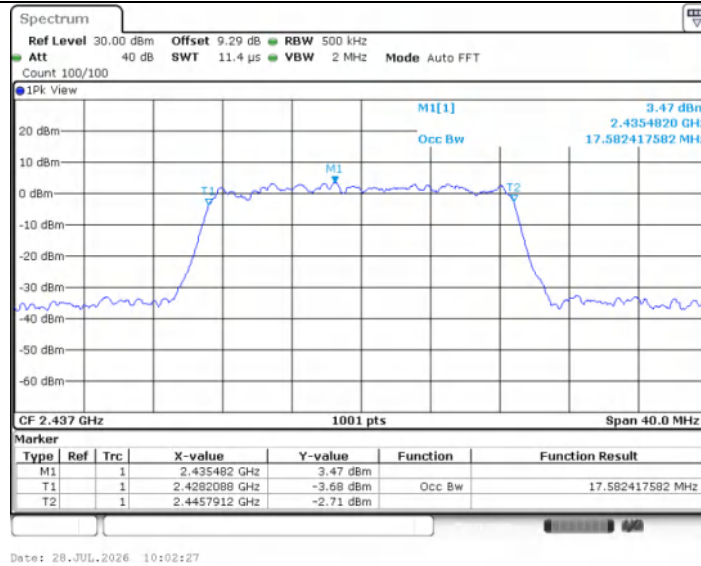
11N20MIMO_Ant2_2412



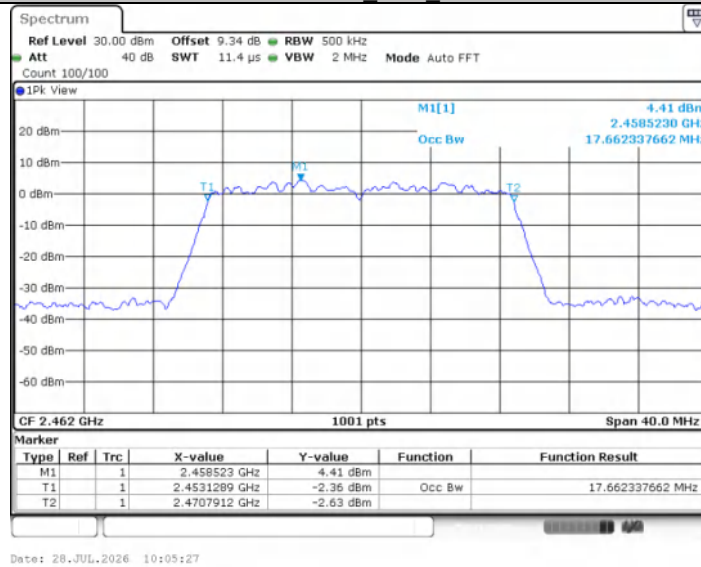
11N20MIMO_Ant1_2437



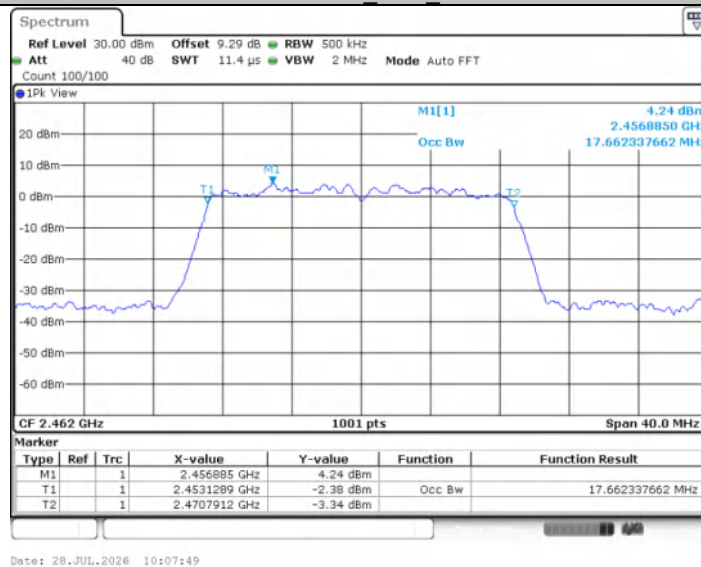
11N20MIMO_Ant2_2437



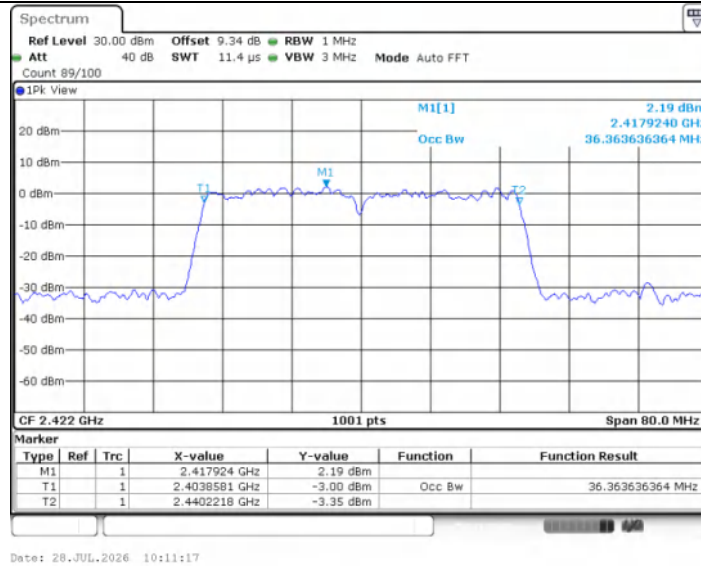
11N20MIMO_Ant1_2462



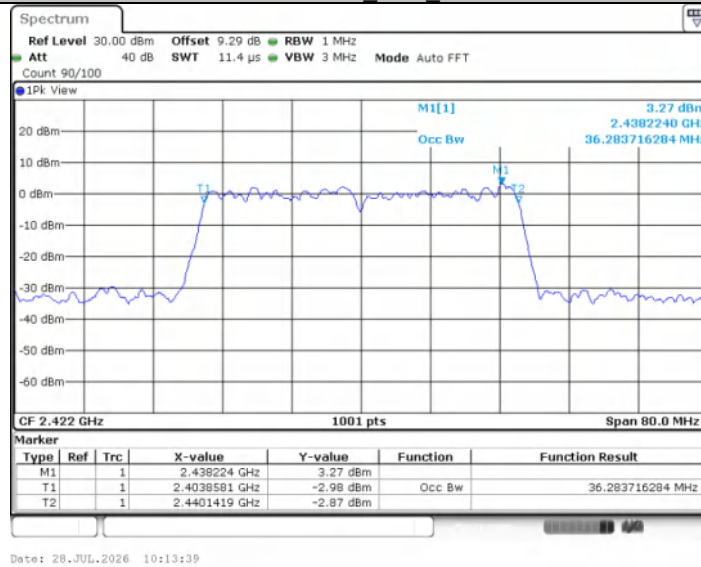
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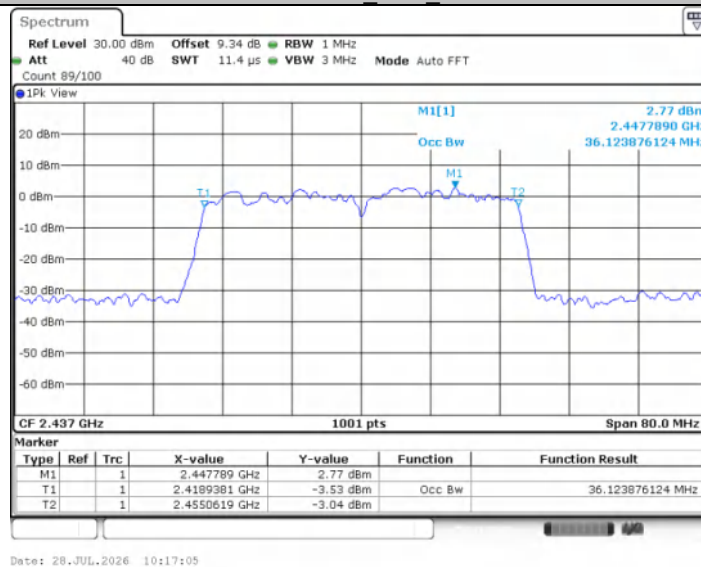
11N40MIMO_Ant1_2422



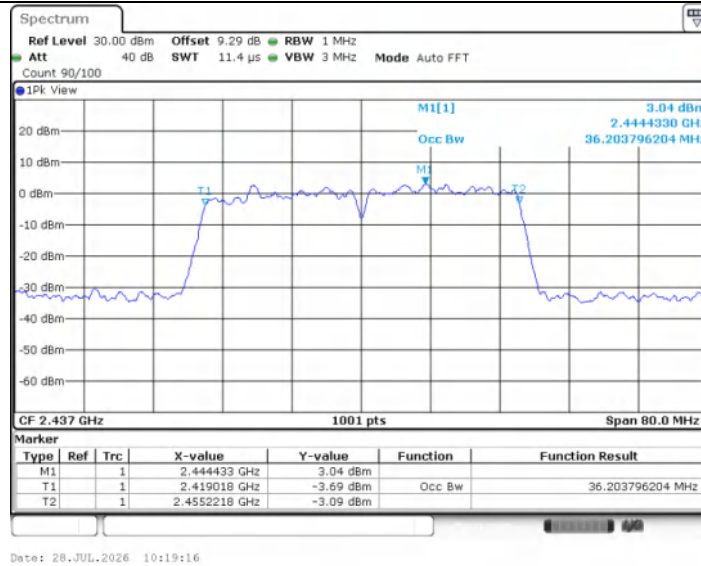
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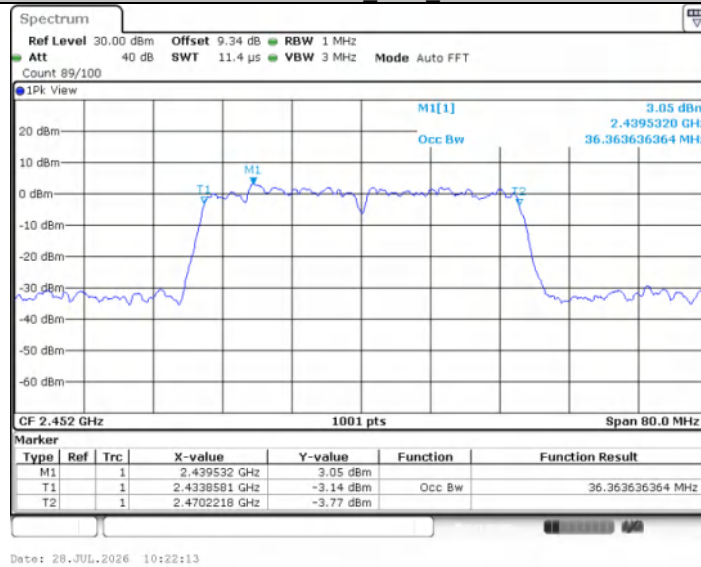
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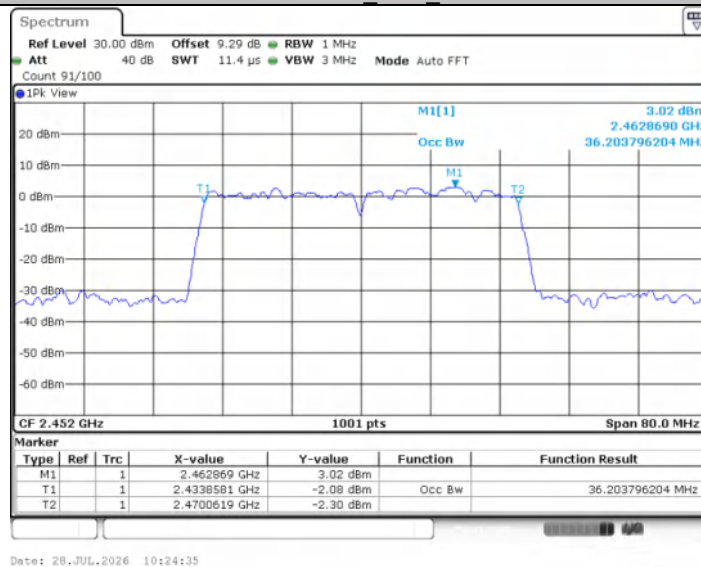
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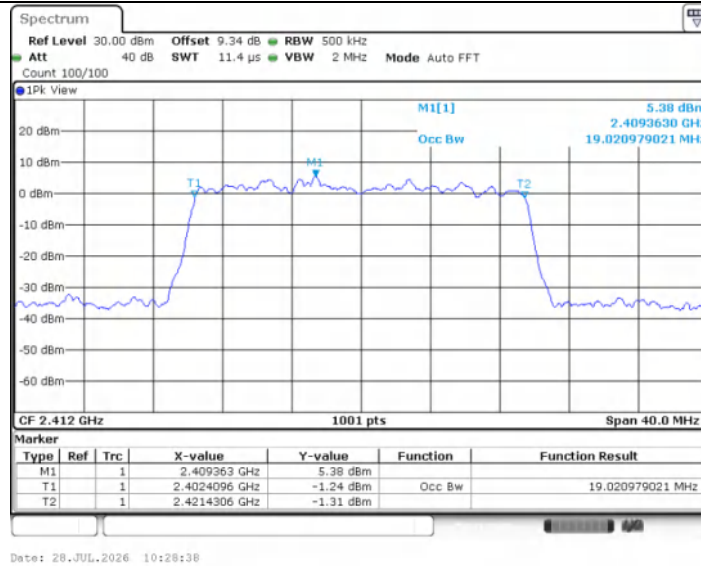
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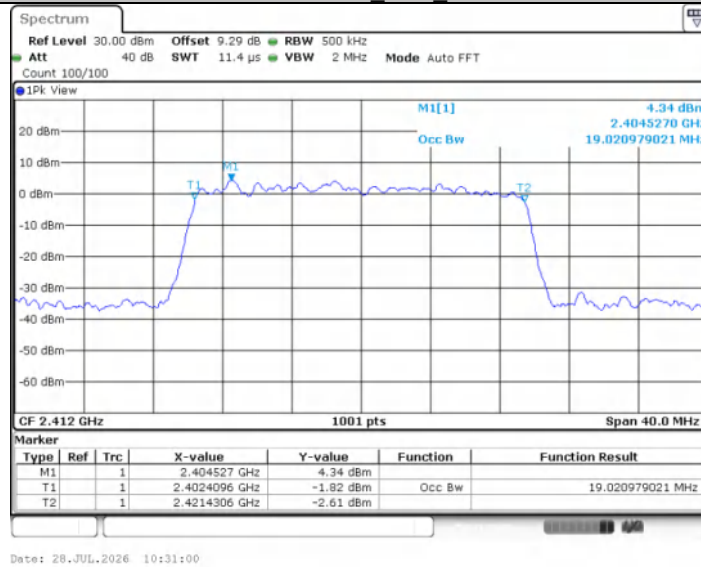
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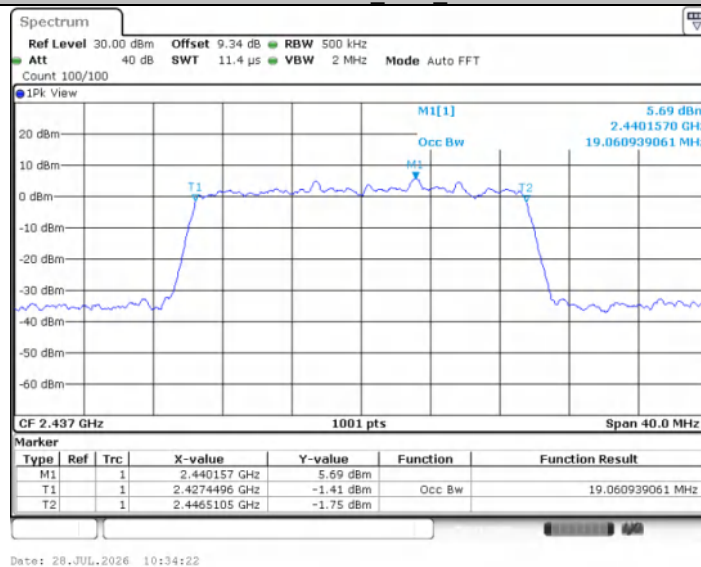
11AX20MIMO_Ant1_2412



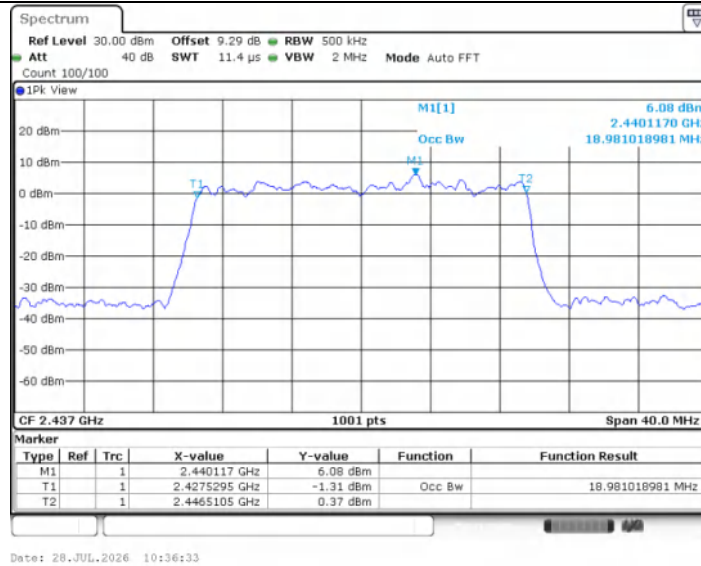
11AX20MIMO_Ant2_2412



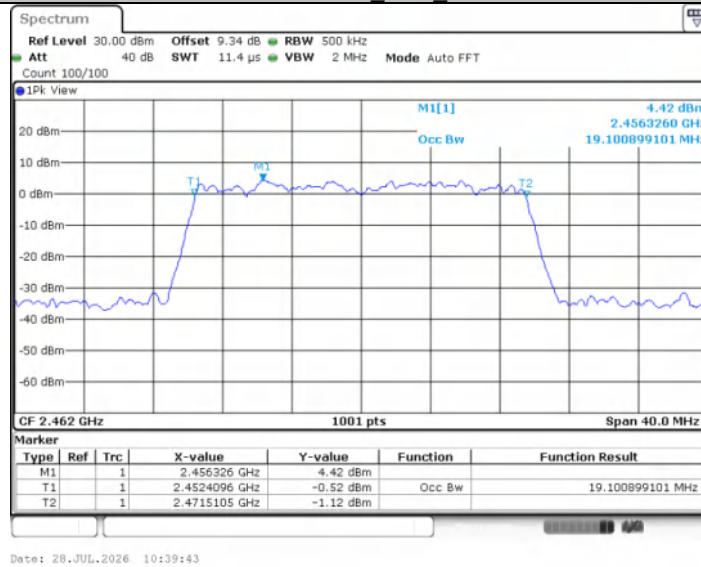
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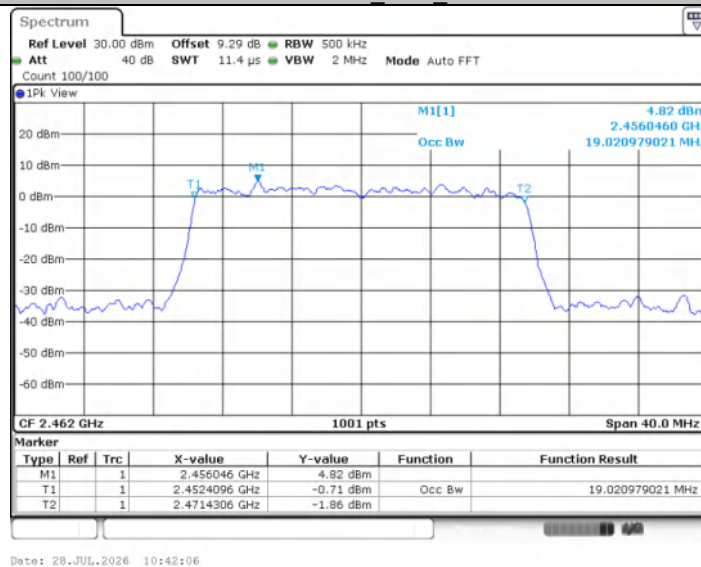
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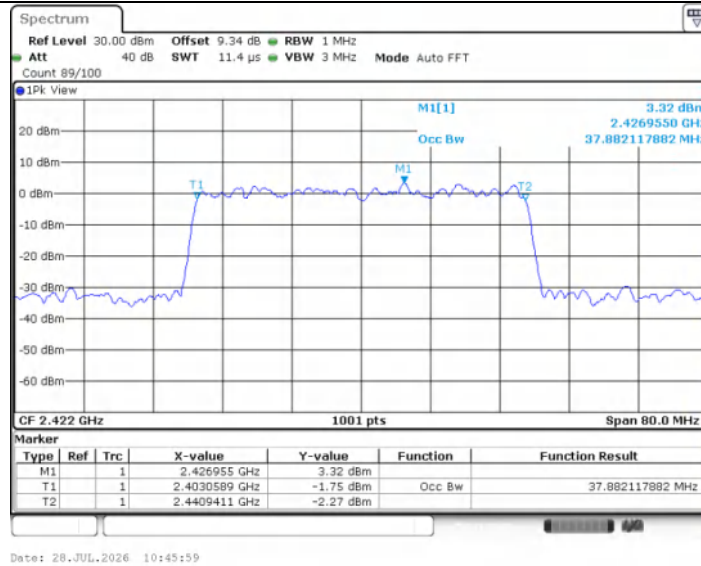
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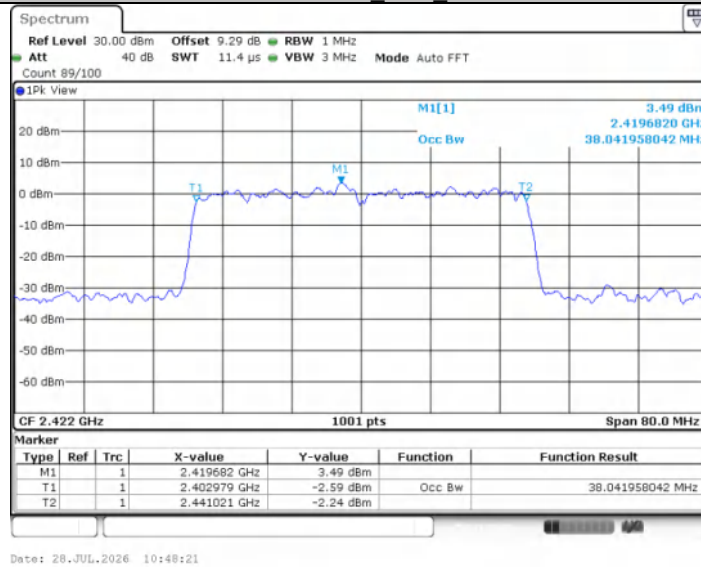
11AX20MIMO_Ant2_2462



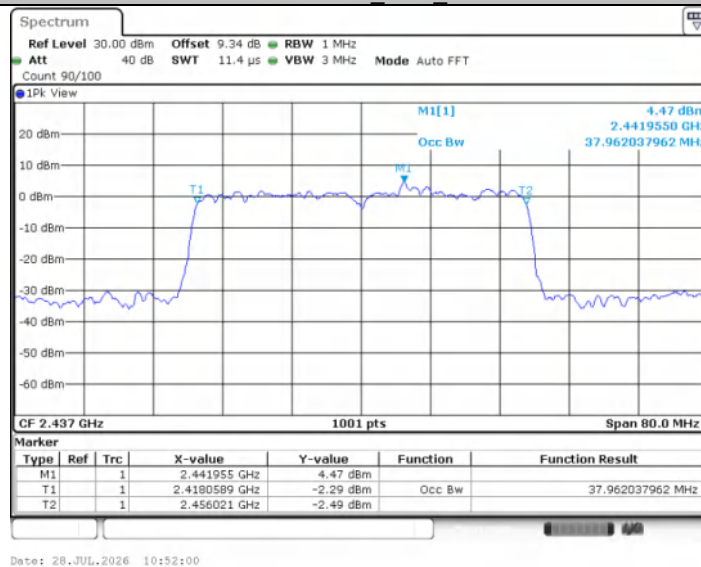
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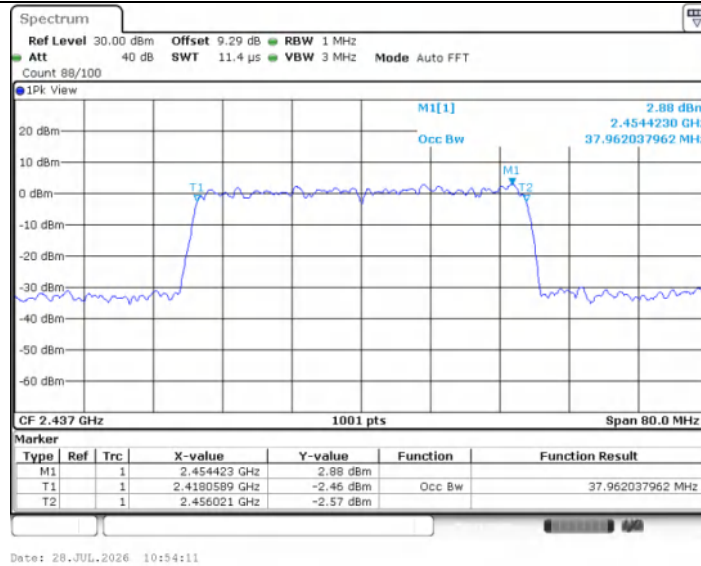
11AX40MIMO_Ant2_2422



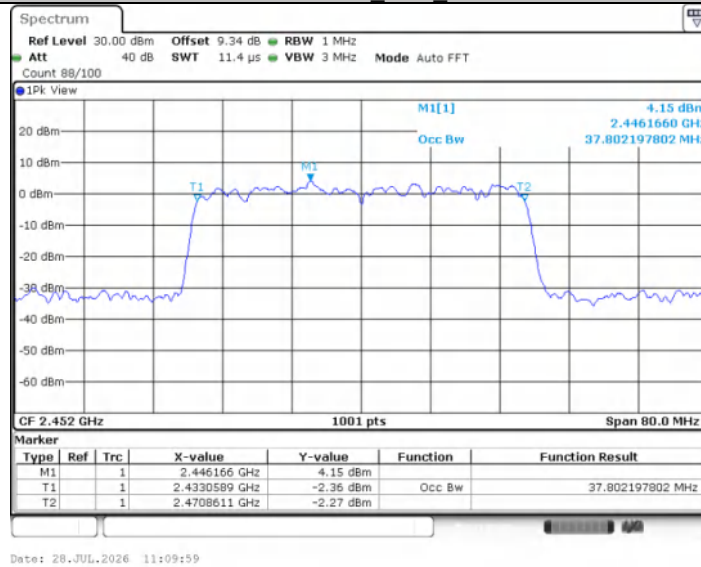
11AX40MIMO_Ant1_2437



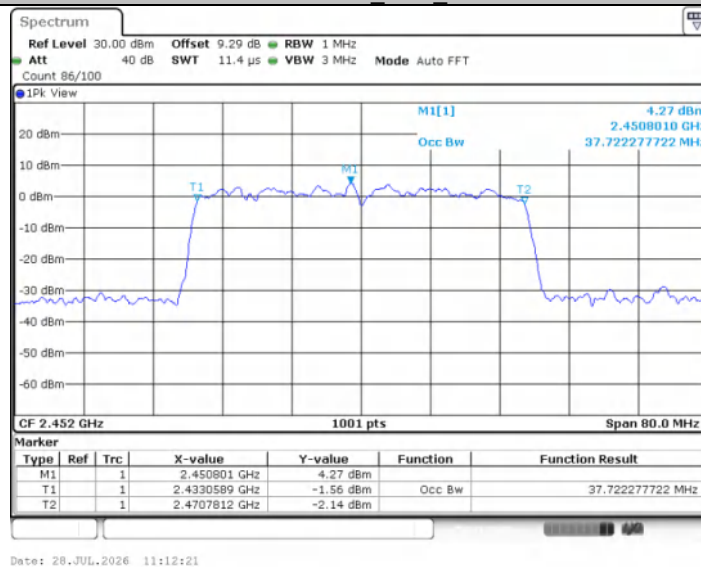
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



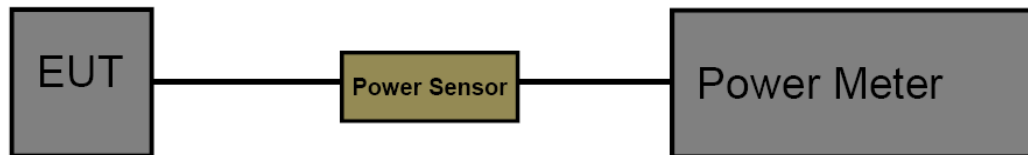
3.6. Peak Output Power

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3) / RSS-247 6.3.2

Section	Test Item	Limit	Frequency Range (MHz)
FCC CFR 47 Part 15.247 (b)(3)	Maximum Conducted Output Power	1 Watt or 30dBm	2400~2483.5
ISED RSS-247 6.3.2	Maximum Conducted Output Power	1 Watt or 30dBm	2400~2483.5
	EIRP	4 Watt or 36dBm	2400~2483.5

Test Configuration



Test Procedure

1. Measurements using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level.
2. Any Gate triggering shall be performed on the full power portion of the pulses and care must be taken to ensure that static portions of the pulse are not included in the measurement (ensuring that the trace is averaged over the entire symbol range).
3. Record the measurement data.

Test Mode

Please refer to the clause 2.4.

Test Result

Test Mode	Antenna	Frequency [MHz]	Conducted Average Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	14.18	≤30.00	15.10	≤36.00	PASS
	Ant2	2412	14.05	≤30.00	15.65	≤36.00	PASS
	Ant1	2437	14.24	≤30.00	15.16	≤36.00	PASS
	Ant2	2437	14.32	≤30.00	15.92	≤36.00	PASS
	Ant1	2462	14.50	≤30.00	15.42	≤36.00	PASS
	Ant2	2462	14.84	≤30.00	16.44	≤36.00	PASS
11G	Ant1	2412	14.13	≤30.00	15.05	≤36.00	PASS
	Ant2	2412	14.05	≤30.00	15.65	≤36.00	PASS
	Ant1	2437	14.43	≤30.00	15.35	≤36.00	PASS
	Ant2	2437	14.57	≤30.00	16.17	≤36.00	PASS
	Ant1	2462	14.62	≤30.00	15.54	≤36.00	PASS
	Ant2	2462	14.83	≤30.00	16.43	≤36.00	PASS
11N20MIMO	Ant1	2412	10.63	≤30.00	11.55	≤36.00	PASS
	Ant2	2412	10.39	≤30.00	11.99	≤36.00	PASS
	total	2412	13.52	≤30.00	17.80	≤36.00	PASS
	Ant1	2437	10.86	≤30.00	11.78	≤36.00	PASS
	Ant2	2437	10.82	≤30.00	12.42	≤36.00	PASS
	total	2437	13.85	≤30.00	18.13	≤36.00	PASS
	Ant1	2462	11.04	≤30.00	11.96	≤36.00	PASS
	Ant2	2462	11.07	≤30.00	12.67	≤36.00	PASS
11N40MIMO	total	2462	14.07	≤30.00	18.35	≤36.00	PASS
	Ant1	2422	9.53	≤30.00	10.45	≤36.00	PASS
	Ant2	2422	9.29	≤30.00	10.89	≤36.00	PASS
	total	2422	12.42	≤30.00	16.70	≤36.00	PASS
	Ant1	2437	9.58	≤30.00	10.50	≤36.00	PASS
	Ant2	2437	9.69	≤30.00	11.29	≤36.00	PASS
	total	2437	12.65	≤30.00	16.93	≤36.00	PASS
	Ant1	2452	10.14	≤30.00	11.06	≤36.00	PASS
11AX20MIMO	Ant2	2452	10.24	≤30.00	11.84	≤36.00	PASS
	total	2452	13.20	≤30.00	17.48	≤36.00	PASS
	Ant1	2412	10.69	≤30.00	11.61	≤36.00	PASS
	Ant2	2412	10.27	≤30.00	11.87	≤36.00	PASS
	total	2412	13.50	≤30.00	17.78	≤36.00	PASS
	Ant1	2437	10.93	≤30.00	11.85	≤36.00	PASS
	Ant2	2437	10.77	≤30.00	12.37	≤36.00	PASS
	total	2437	13.86	≤30.00	18.14	≤36.00	PASS
11AX40MIMO	Ant1	2462	11.12	≤30.00	12.04	≤36.00	PASS
	Ant2	2462	11.12	≤30.00	12.72	≤36.00	PASS
	total	2462	14.13	≤30.00	18.41	≤36.00	PASS
	Ant1	2422	9.61	≤30.00	10.53	≤36.00	PASS
	Ant2	2422	9.49	≤30.00	11.09	≤36.00	PASS
	total	2422	12.56	≤30.00	16.84	≤36.00	PASS
	Ant1	2437	9.69	≤30.00	10.61	≤36.00	PASS
	Ant2	2437	9.78	≤30.00	11.38	≤36.00	PASS
11AX20MIMO	total	2437	12.75	≤30.00	17.03	≤36.00	PASS
	Ant1	2452	10.17	≤30.00	11.09	≤36.00	PASS
	Ant2	2452	10.31	≤30.00	11.91	≤36.00	PASS
	total	2452	13.25	≤30.00	17.53	≤36.00	PASS

Note: Total EIRP = Total Conducted Power + Directional Gain

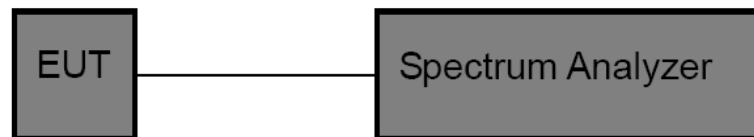
3.7. Power Spectral Density

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e) / RSS-247 6.3.1(b)

Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	8 dBm (in any 3 kHz)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.
3. Spectrum Setting:
 Set analyzer center frequency to DTS channel center frequency.
 Set span to at least 1.5 times the OBW.
 Set RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
 Set VBW $\geq [3 \times \text{RBW}]$.
 Detector = power averaging (rms) or sample detector (when rms not available).
 Ensure that the number of measurement points in the sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 Sweep time = auto couple.
 Employ trace averaging (rms) mode over a minimum of 100 traces.
 Use the peak marker function to determine the maximum amplitude level.
 If the measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

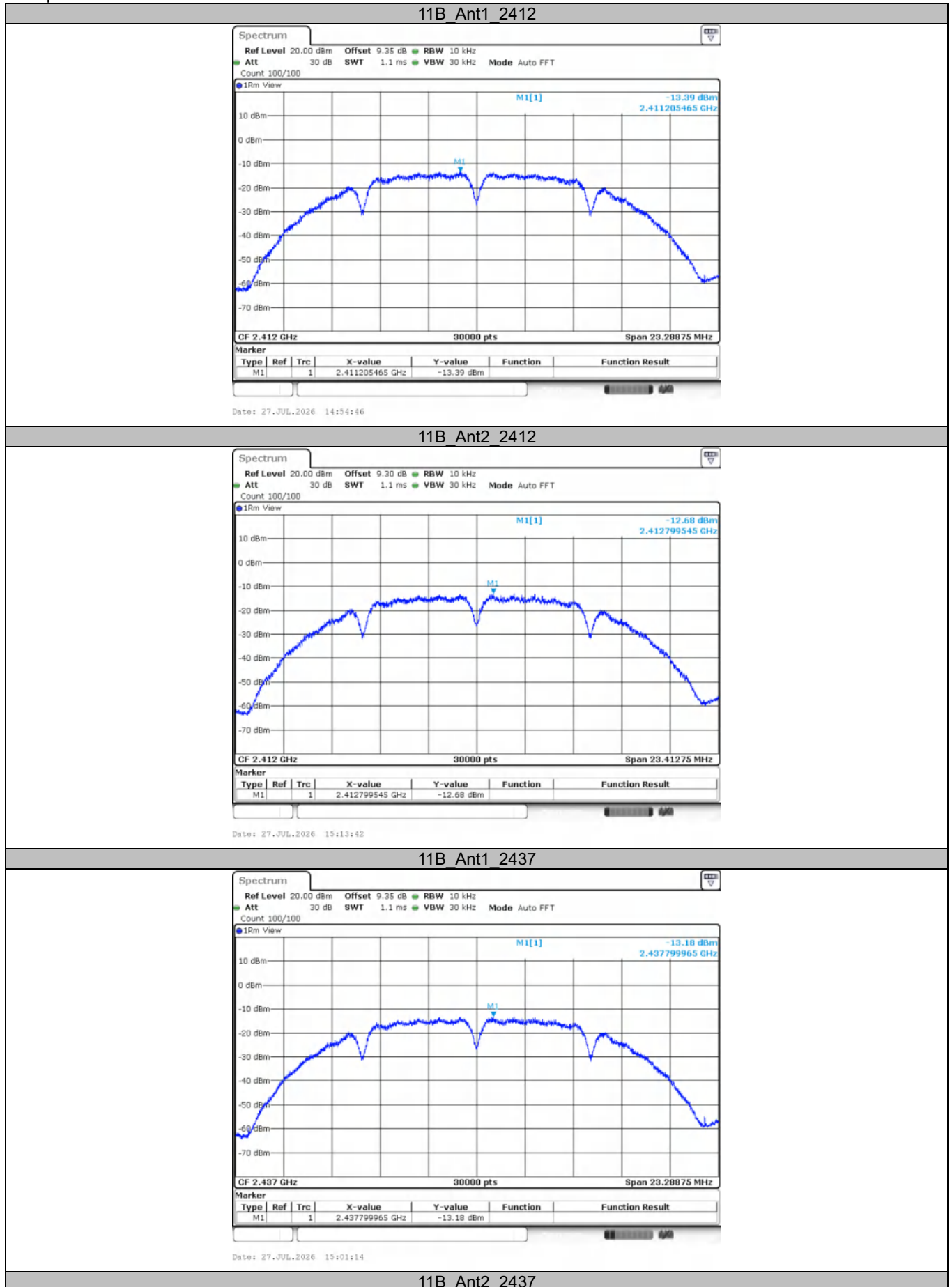
Test Mode

Please refer to the clause 2.4.

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/10kHz]	Duty Cycle Factor	PSD [dBm/10kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-13.39	0.01	-13.38	≤8.00	PASS
	Ant2	2412	-12.68	0.01	-12.67	≤8.00	PASS
	Ant1	2437	-13.18	0.01	-13.17	≤8.00	PASS
	Ant2	2437	-13.02	0.01	-13.01	≤8.00	PASS
	Ant1	2462	-13.03	0.01	-13.02	≤8.00	PASS
	Ant2	2462	-12.64	0.01	-12.63	≤8.00	PASS
11G	Ant1	2412	-13.99	0.03	-13.96	≤8.00	PASS
	Ant2	2412	-14.50	0.03	-14.47	≤8.00	PASS
	Ant1	2437	-13.82	0.03	-13.79	≤8.00	PASS
	Ant2	2437	-13.97	0.06	-13.91	≤8.00	PASS
	Ant1	2462	-13.99	0.03	-13.96	≤8.00	PASS
	Ant2	2462	-13.62	0.03	-13.59	≤8.00	PASS
11N20MIMO	Ant1	2412	-17.71	0.04	-17.67	≤8.00	PASS
	Ant2	2412	-18.08	0.07	-18.01	≤8.00	PASS
	total	2412	-14.88	/	-14.83	≤8.00	PASS
	Ant1	2437	-17.65	0.04	-17.61	≤8.00	PASS
	Ant2	2437	-17.50	0.04	-17.46	≤8.00	PASS
	total	2437	-14.56	/	-14.53	≤8.00	PASS
	Ant1	2462	-17.47	0.04	-17.43	≤8.00	PASS
	Ant2	2462	-17.21	0.04	-17.17	≤8.00	PASS
11N40MIMO	Ant1	2422	-20.06	0.07	-19.99	≤8.00	PASS
	Ant2	2422	-20.10	0.08	-20.02	≤8.00	PASS
	total	2422	-17.07	/	-16.99	≤8.00	PASS
	Ant1	2437	-20.04	0.08	-19.96	≤8.00	PASS
	Ant2	2437	-19.90	0.08	-19.82	≤8.00	PASS
	total	2437	-16.96	/	-16.88	≤8.00	PASS
	Ant1	2452	-18.87	0.15	-18.72	≤8.00	PASS
	Ant2	2452	-18.09	0.15	-17.94	≤8.00	PASS
11AX20MIMO	Ant1	2412	-17.88	0.04	-17.84	≤8.00	PASS
	Ant2	2412	-18.35	0.04	-18.31	≤8.00	PASS
	total	2412	-15.10	/	-15.05	≤8.00	PASS
	Ant1	2437	-17.86	0.09	-17.77	≤8.00	PASS
	Ant2	2437	-17.91	0.04	-17.87	≤8.00	PASS
	total	2437	-14.87	/	-14.81	≤8.00	PASS
	Ant1	2462	-17.69	0.04	-17.65	≤8.00	PASS
	Ant2	2462	-17.32	0.04	-17.28	≤8.00	PASS
11AX40MIMO	Ant1	2422	-20.99	0.08	-20.91	≤8.00	PASS
	Ant2	2422	-21.33	0.16	-21.17	≤8.00	PASS
	total	2422	-18.15	/	-18.02	≤8.00	PASS
	Ant1	2437	-20.99	0.08	-20.91	≤8.00	PASS
	Ant2	2437	-20.18	0.08	-20.10	≤8.00	PASS
	total	2437	-17.56	/	-17.47	≤8.00	PASS
	Ant1	2452	-20.57	0.08	-20.49	≤8.00	PASS
	Ant2	2452	-19.98	0.08	-19.90	≤8.00	PASS
	total	2452	-17.25	/	-17.17	≤8.00	PASS

Test plot as follows:

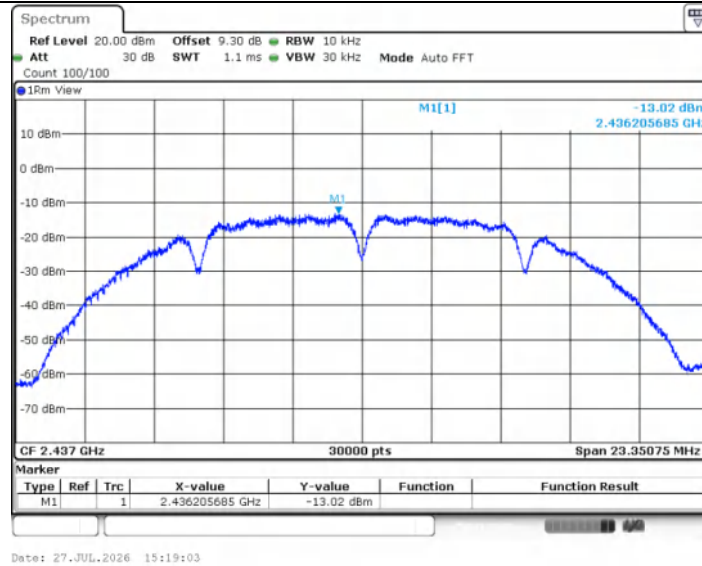


CTC Laboratories, Inc.

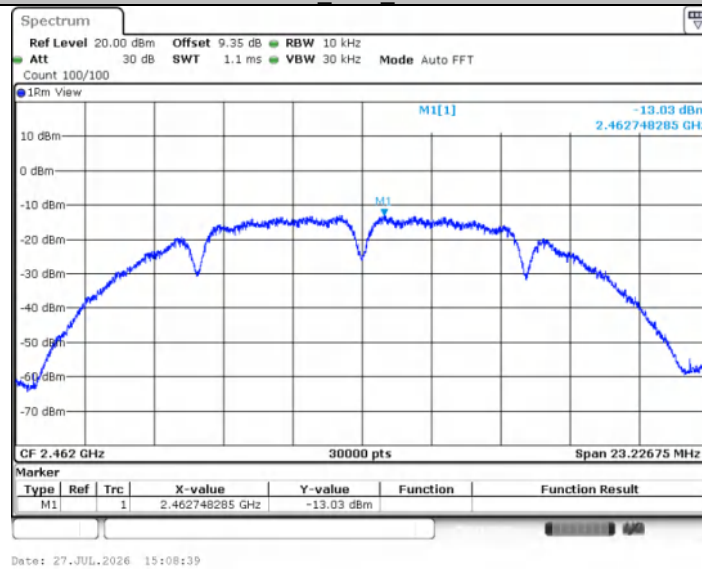
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Langqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A5

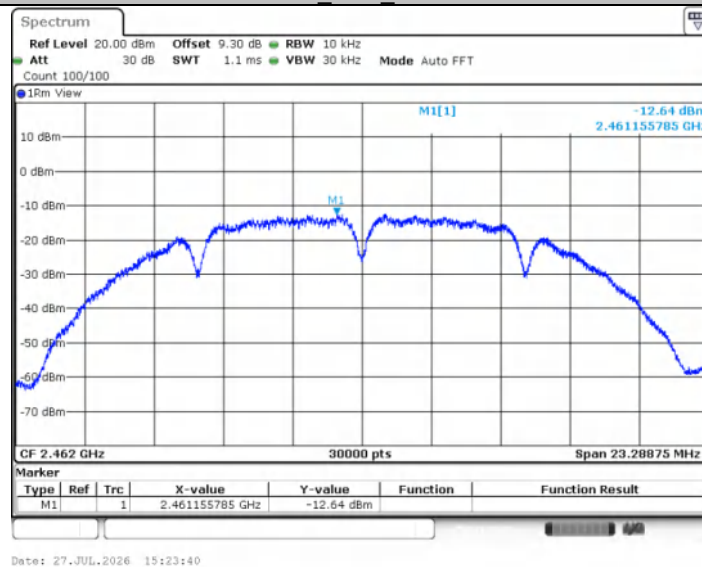
Master TRF : Dated 2026-06-01



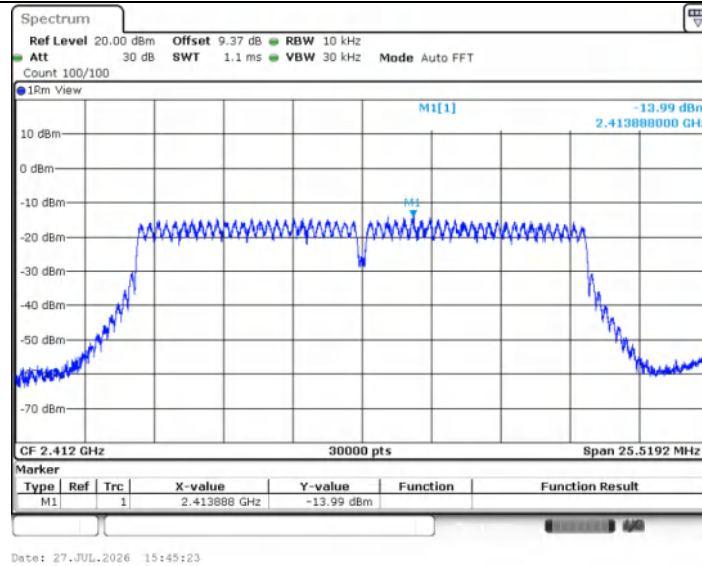
11B_Ant1_2462



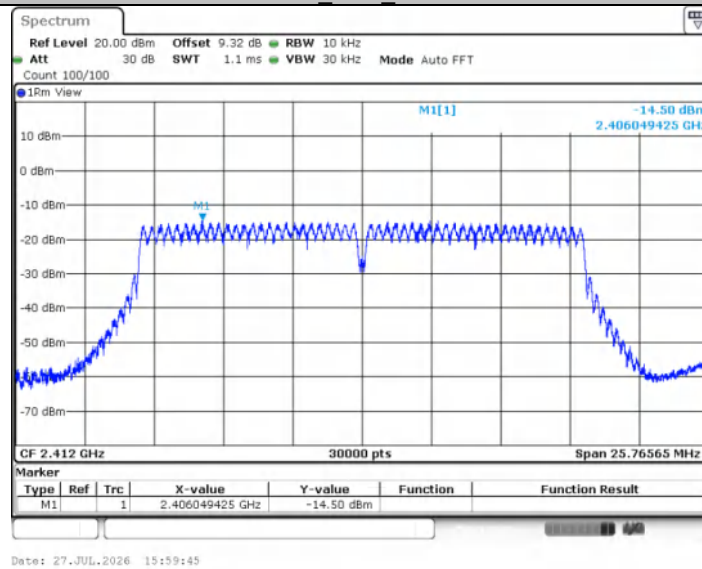
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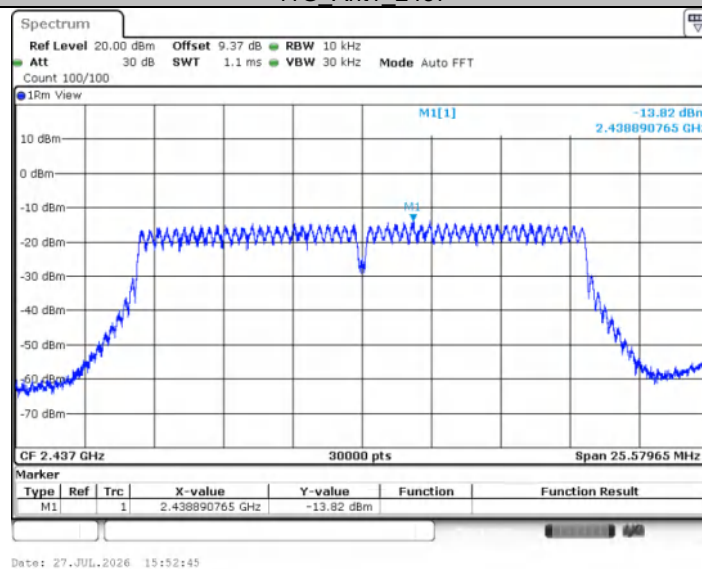
11G_Ant1_2412



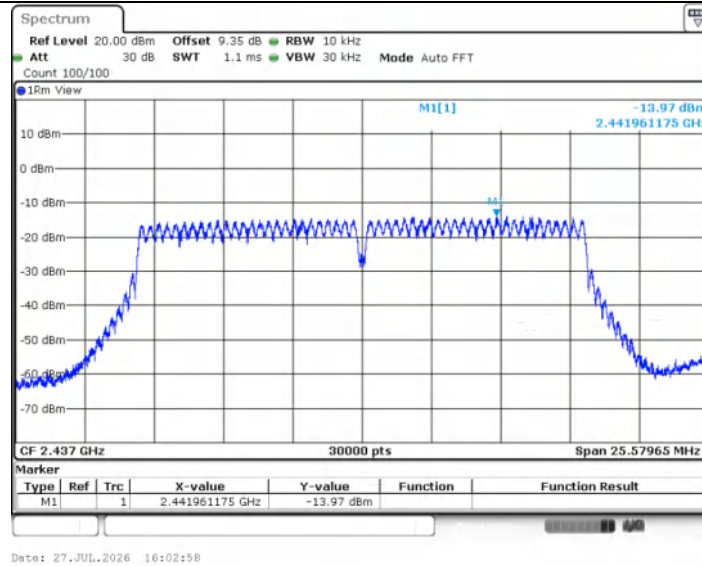
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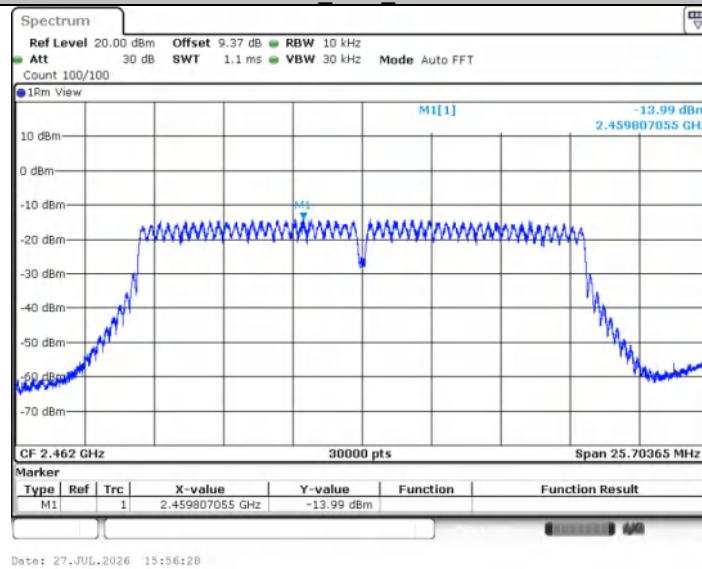
11G_Ant1_2437



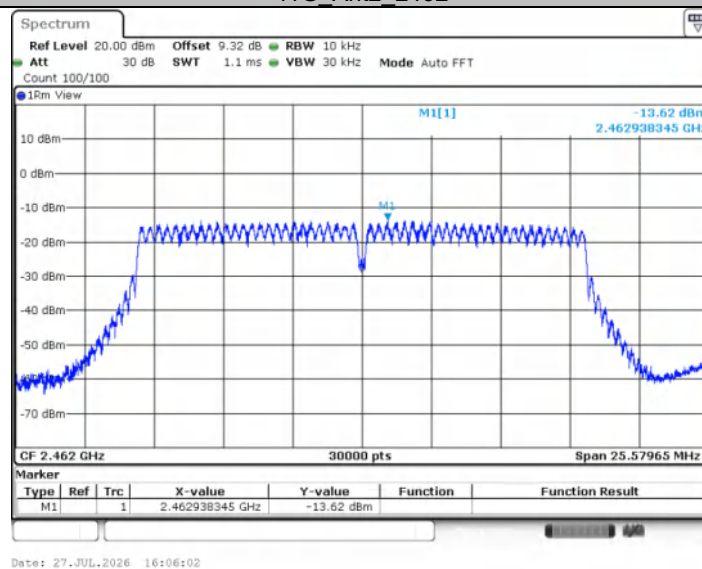
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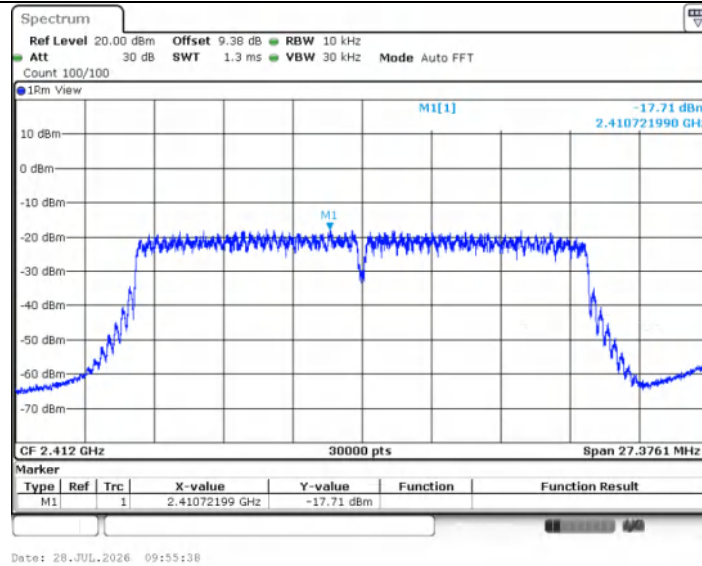
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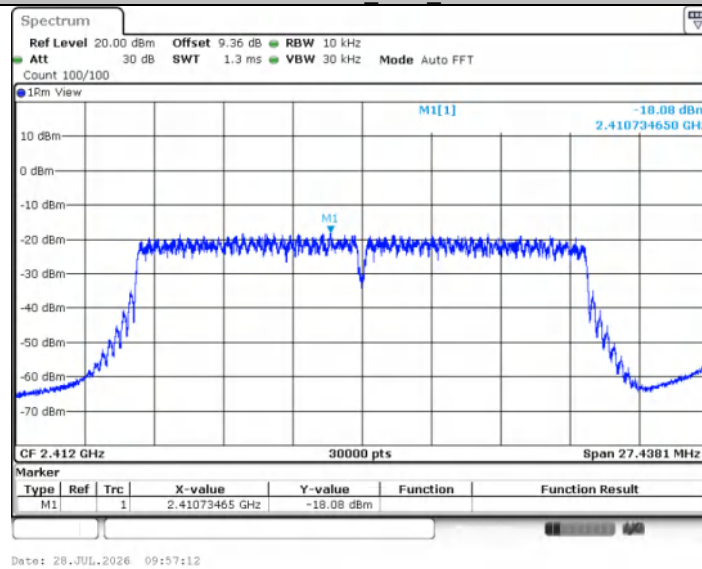
11G_Ant2_2462



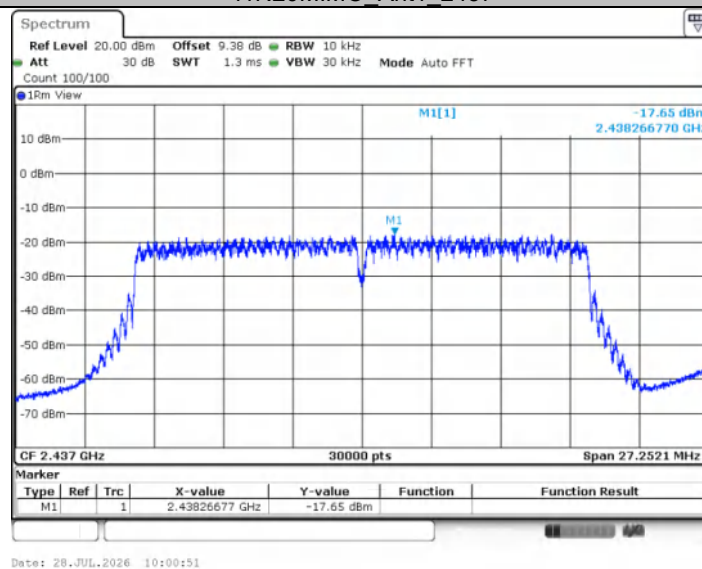
11N20MIMO_Ant1_2412



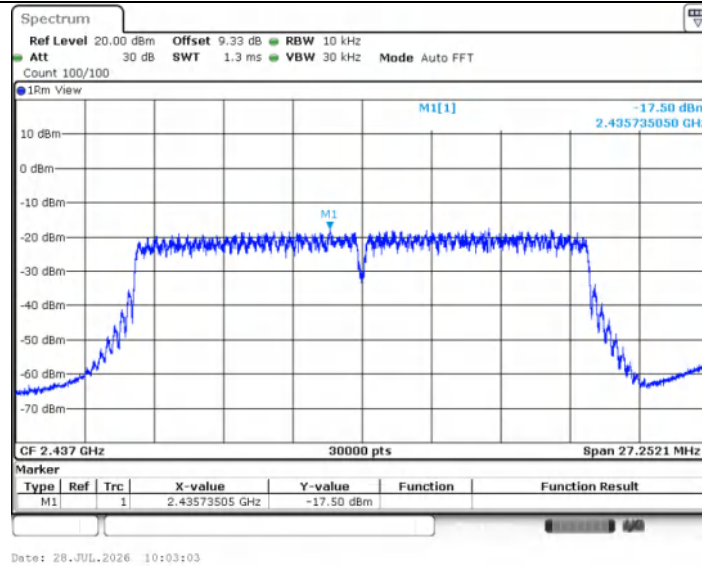
11N20MIMO_Ant2_2412



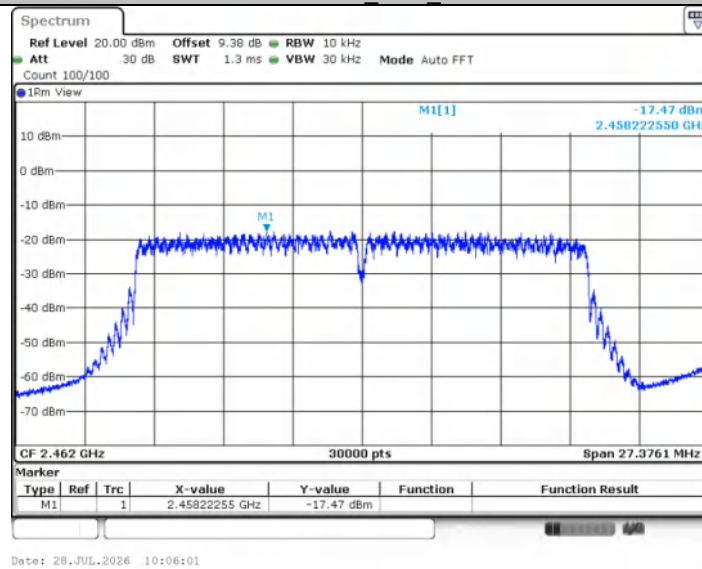
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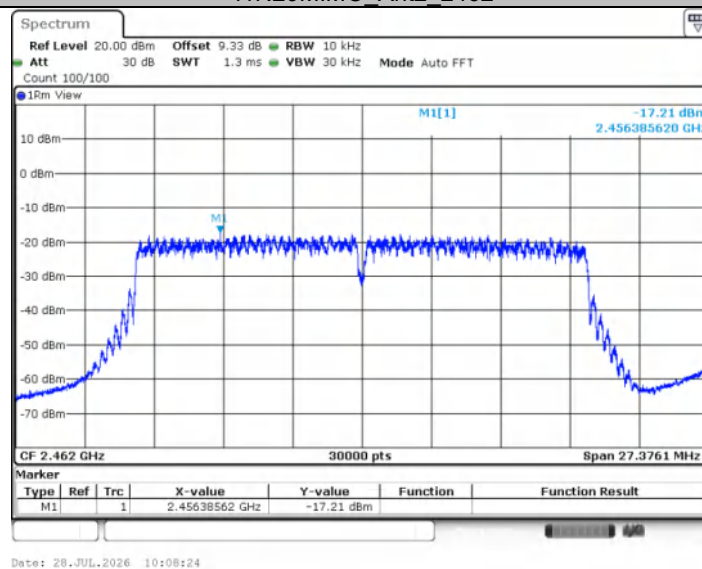
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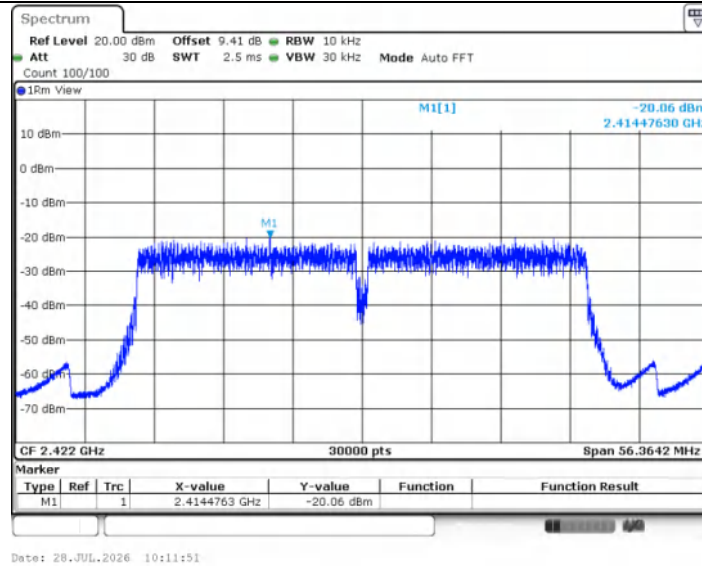
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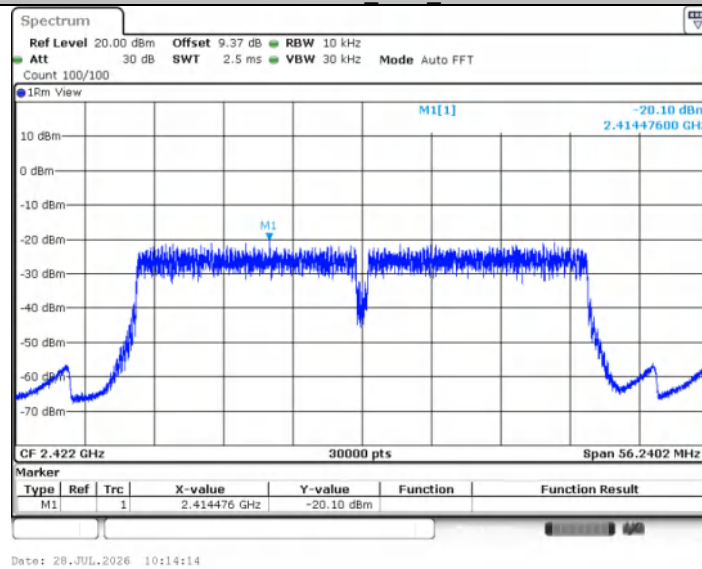
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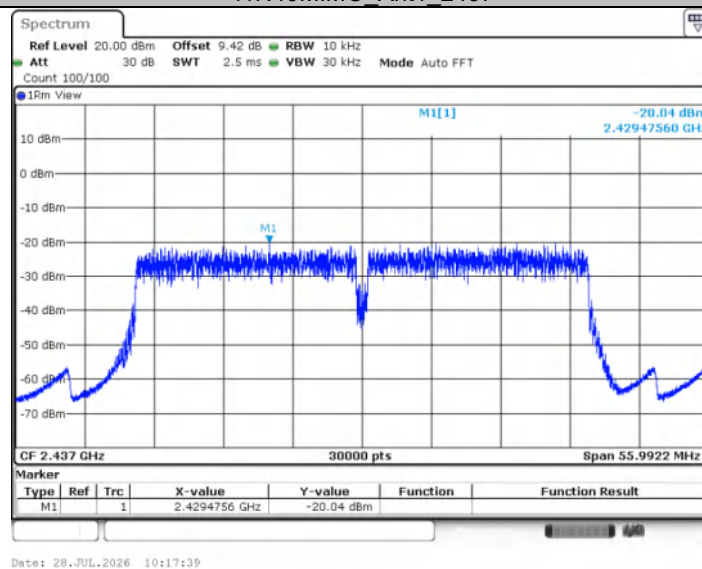
11N40MIMO_Ant1_2422



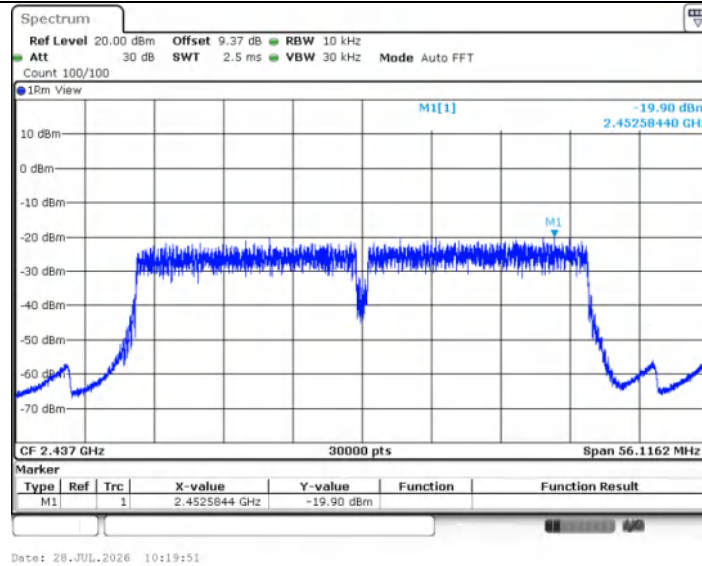
11N40MIMO_Ant2_2422



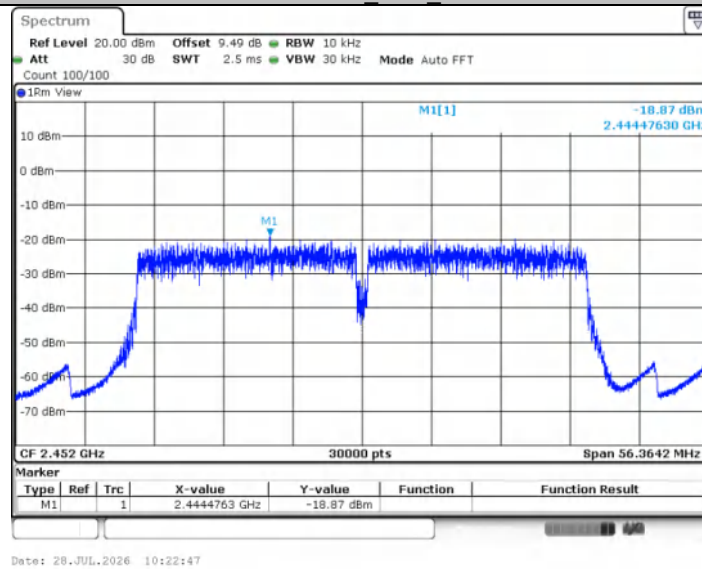
11N40MIMO_Ant1_2437



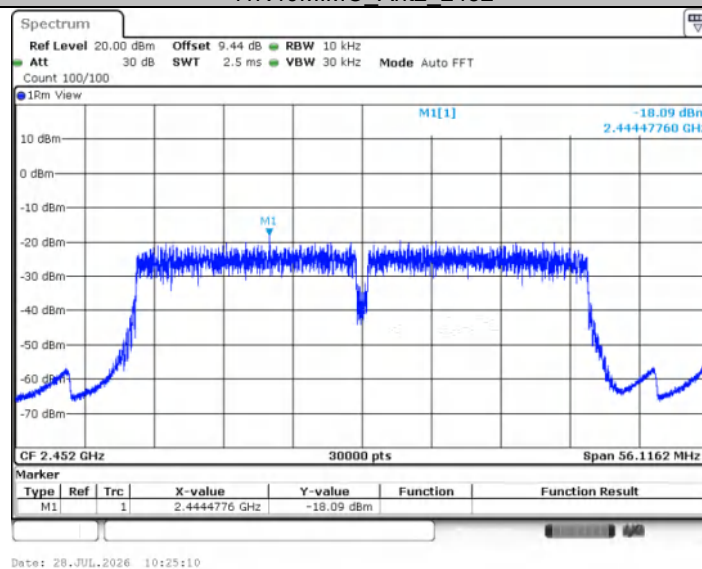
11N40MIMO_Ant2_2437



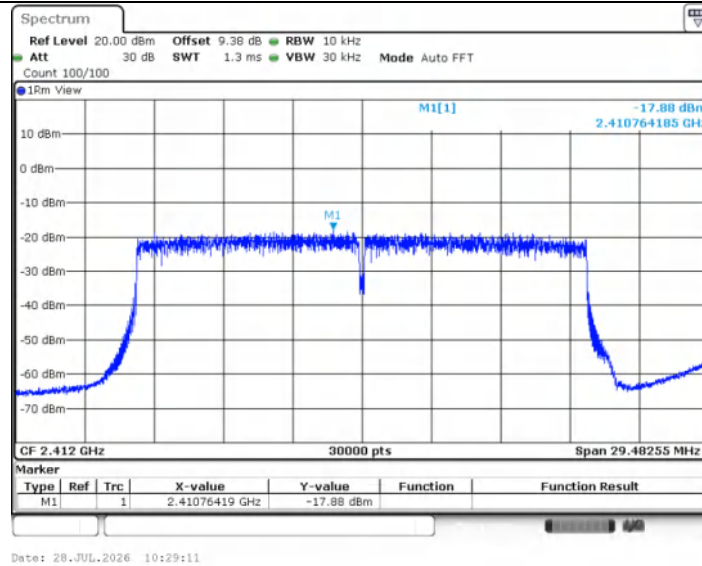
11N40MIMO_Ant1_2452



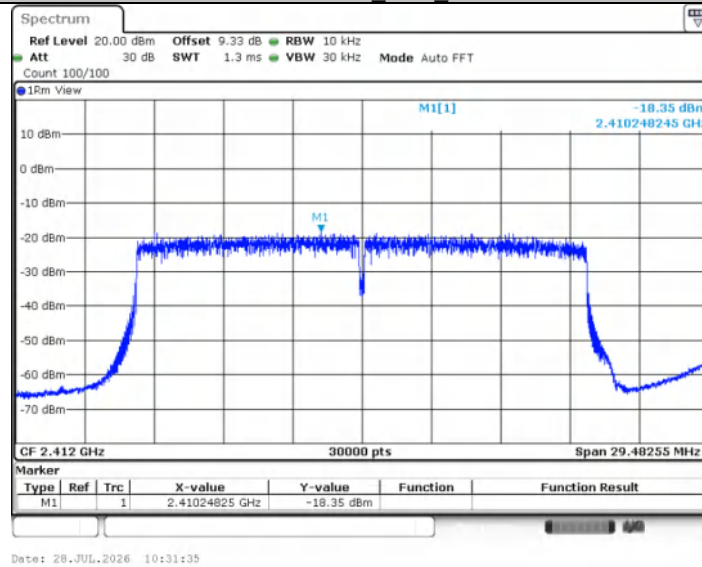
11N40MIMO_Ant2_2452



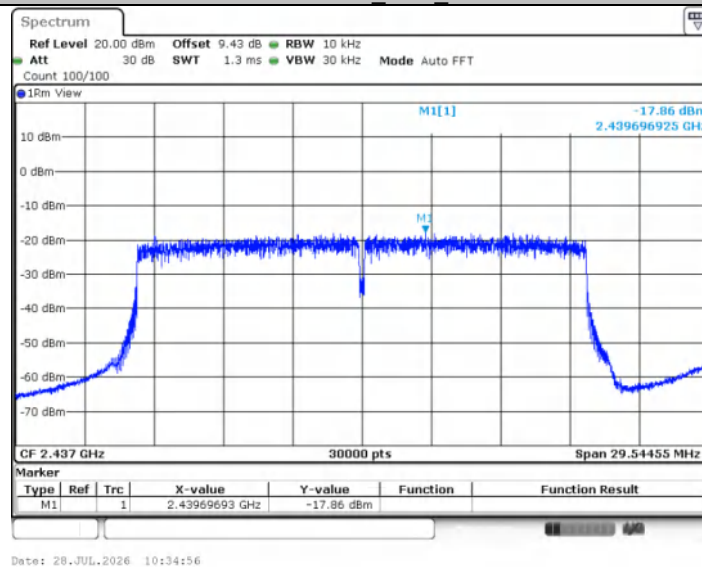
11AX20MIMO_Ant1_2412



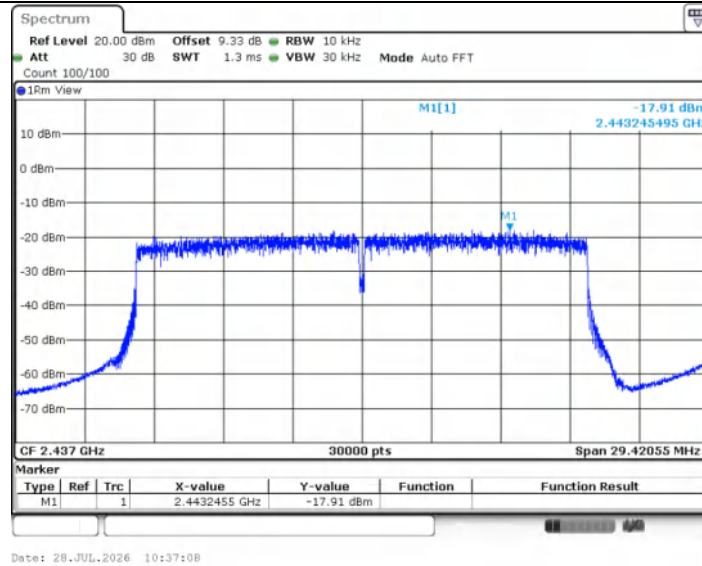
11AX20MIMO_Ant2_2412



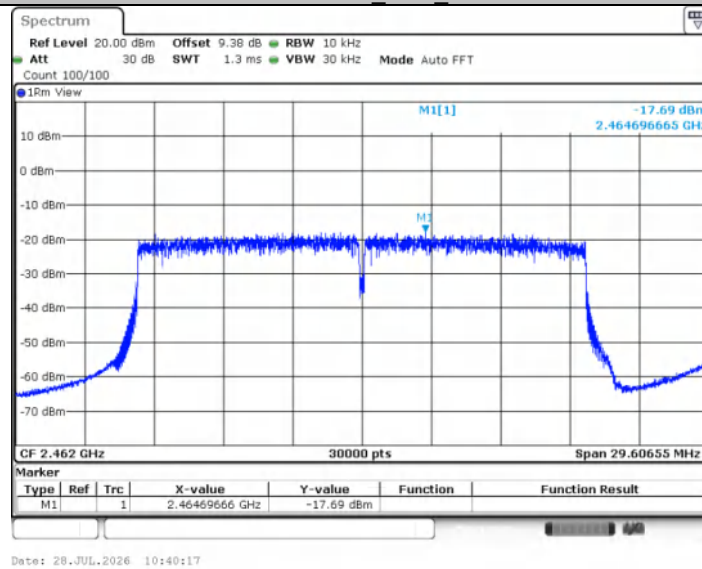
11AX20MIMO_Ant1_2437



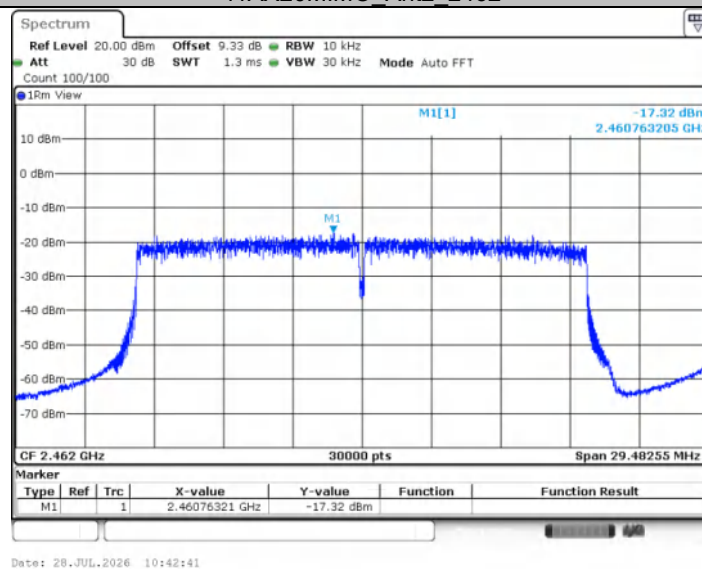
11AX20MIMO_Ant2_2437



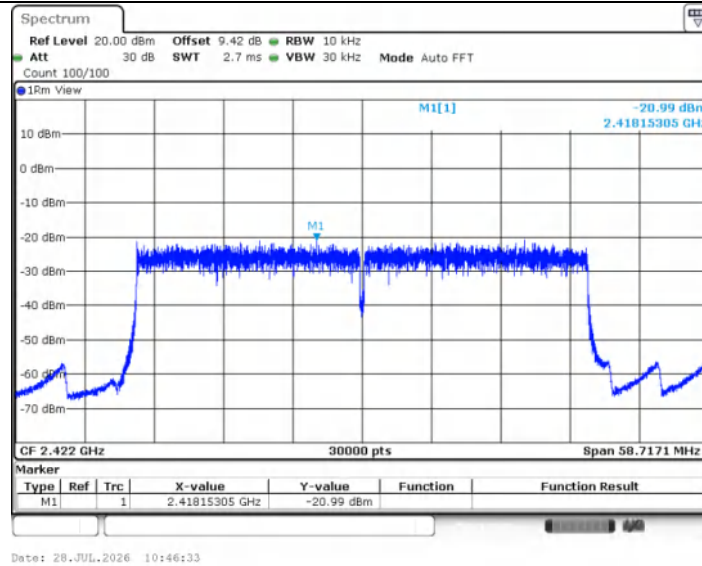
11AX20MIMO_Ant1_2462



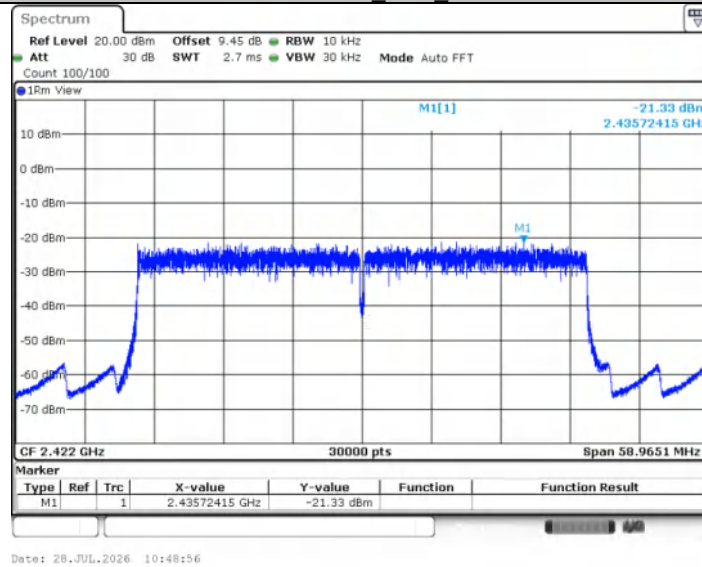
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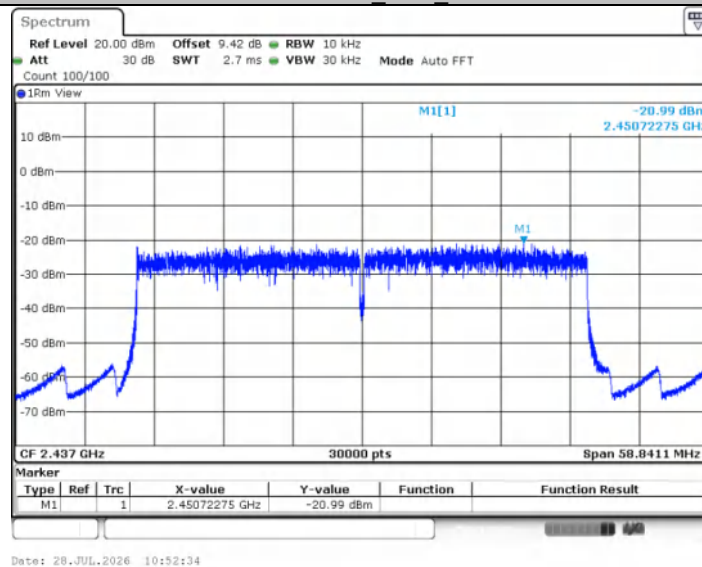
11AX40MIMO_Ant1_2422



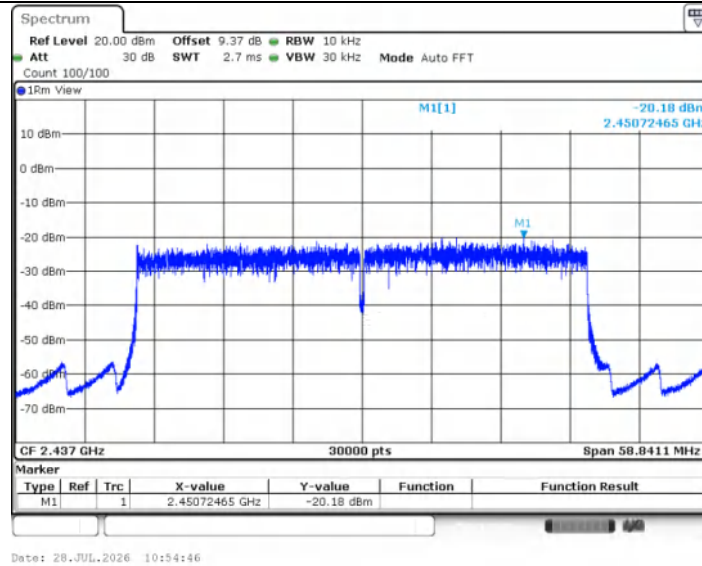
11AX40MIMO_Ant2_2422



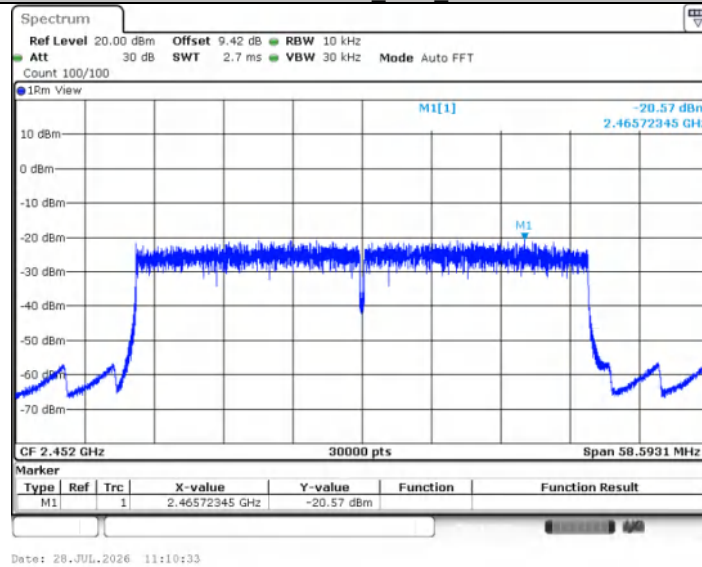
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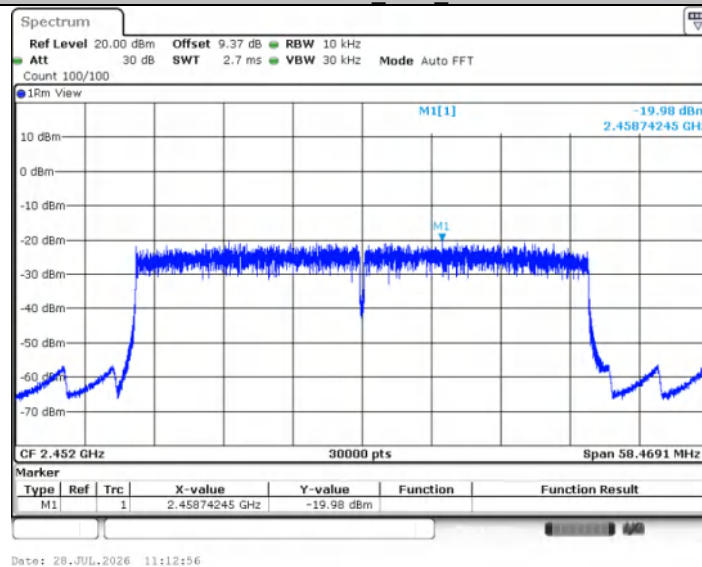
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

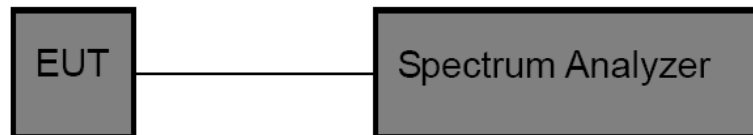


3.8. Duty Cycle

Limit

None, for report purposes only.

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.
3. Spectrum Setting:
Set analyzer center frequency to test channel center frequency.
Set the span to 0Hz.
Set the RBW to 10MHz.
Set the VBW to 10MHz.
Detector: Peak.
Sweep time: Auto.
Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

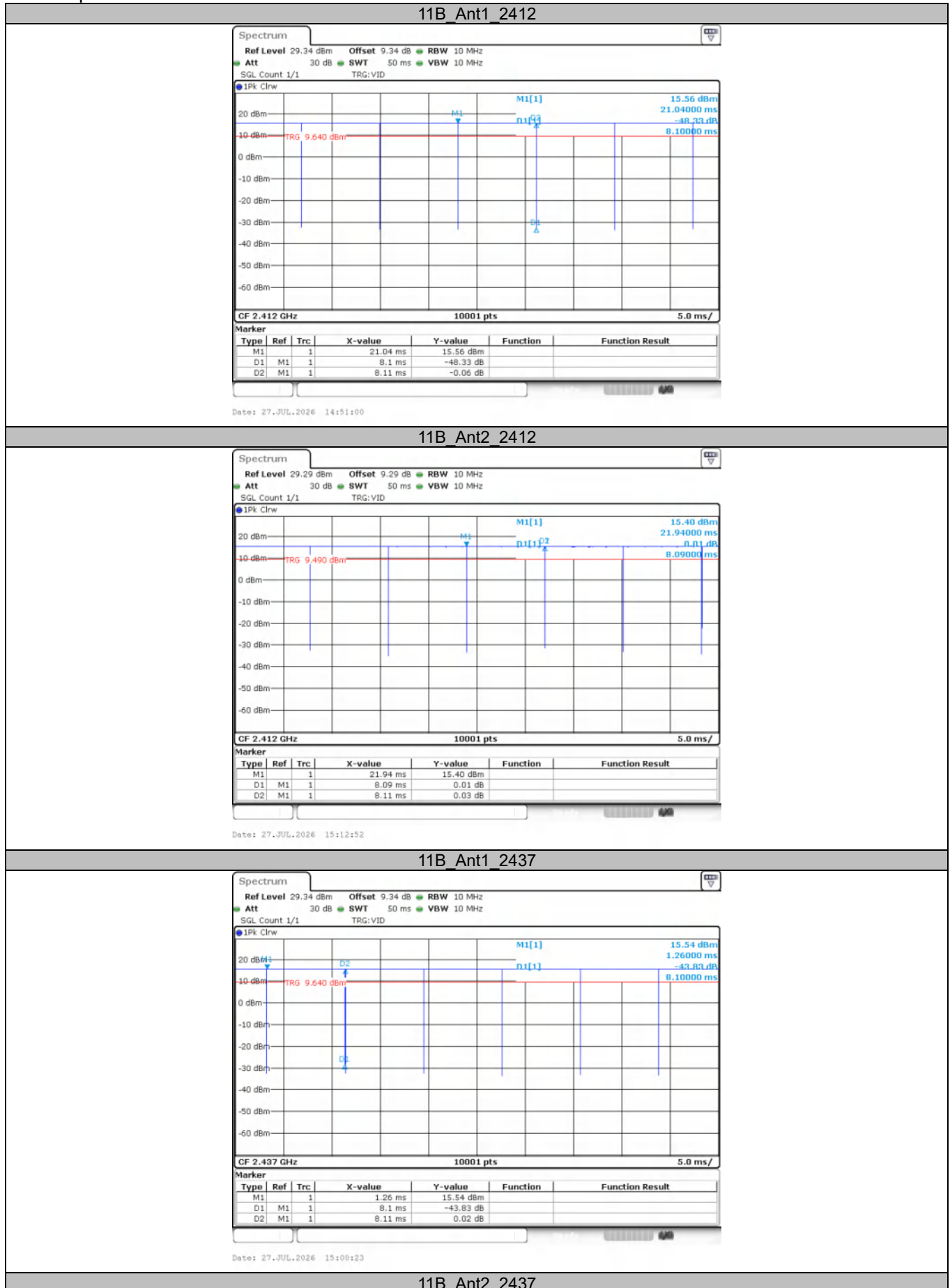
Test Mode

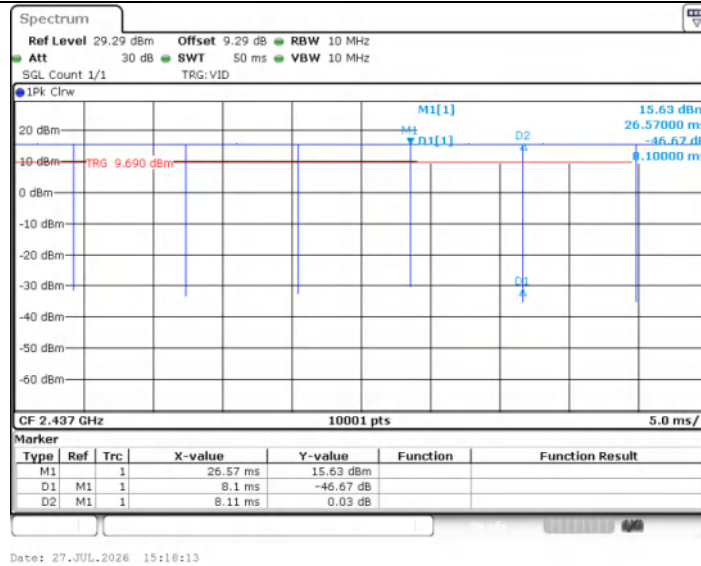
Please refer to the clause 2.4.

Test Result

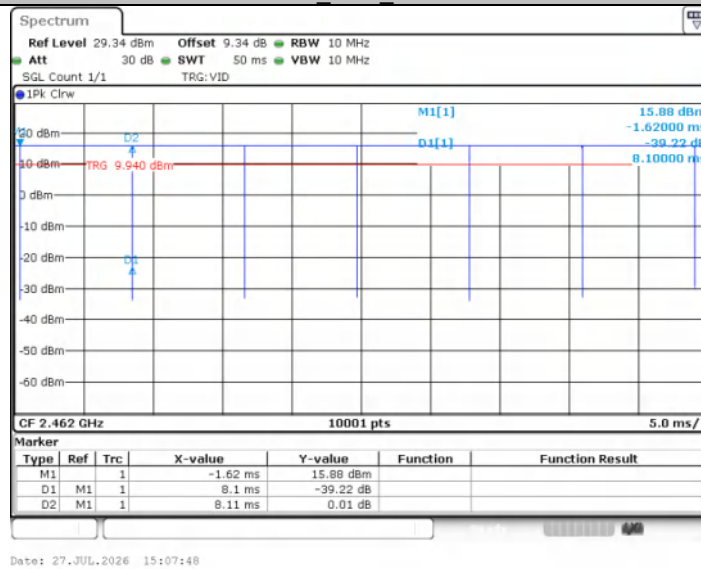
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor	1/T Minimum VBW (kHz)	Final Setting for VBW (kHz)
11B	Ant1	2412	8.10	8.11	99.88	0.01	0.12	1
	Ant2	2412	8.09	8.11	99.75	0.01	0.12	1
	Ant1	2437	8.10	8.11	99.88	0.01	0.12	1
	Ant2	2437	8.10	8.11	99.88	0.01	0.12	1
	Ant1	2462	8.10	8.11	99.88	0.01	0.12	1
	Ant2	2462	8.10	8.11	99.88	0.01	0.12	1
11G	Ant1	2412	1.36	1.37	99.27	0.03	0.74	1
	Ant2	2412	1.36	1.37	99.27	0.03	0.74	1
	Ant1	2437	1.36	1.37	99.27	0.03	0.74	1
	Ant2	2437	1.36	1.38	98.55	0.06	0.74	1
	Ant1	2462	1.36	1.37	99.27	0.03	0.74	1
	Ant2	2462	1.36	1.37	99.27	0.03	0.74	1
11N20MIMO	Ant1	2412	1.15	1.16	99.14	0.04	0.87	1
	Ant2	2412	1.15	1.17	98.29	0.07	0.87	1
	Ant1	2437	1.15	1.16	99.14	0.04	0.87	1
	Ant2	2437	1.15	1.16	99.14	0.04	0.87	1
	Ant1	2462	1.15	1.16	99.14	0.04	0.87	1
	Ant2	2462	1.15	1.16	99.14	0.04	0.87	1
11N40MIMO	Ant1	2422	0.58	0.59	98.31	0.07	1.72	3
	Ant2	2422	0.57	0.58	98.28	0.08	1.75	3
	Ant1	2437	0.57	0.58	98.28	0.08	1.75	3
	Ant2	2437	0.57	0.58	98.28	0.08	1.75	3
	Ant1	2452	0.57	0.59	96.61	0.15	1.75	3
	Ant2	2452	0.57	0.59	96.61	0.15	1.75	3
11AX20MIMO	Ant1	2412	0.99	1.00	99.00	0.04	1.01	3
	Ant2	2412	0.99	1.00	99.00	0.04	1.01	3
	Ant1	2437	0.98	1.00	98.00	0.09	1.02	3
	Ant2	2437	0.99	1.00	99.00	0.04	1.01	3
	Ant1	2462	0.99	1.00	99.00	0.04	1.01	3
	Ant2	2462	0.99	1.00	99.00	0.04	1.01	3
11AX40MIMO	Ant1	2422	0.52	0.53	98.11	0.08	1.92	3
	Ant2	2422	0.52	0.54	96.30	0.16	1.92	3
	Ant1	2437	0.52	0.53	98.11	0.08	1.92	3
	Ant2	2437	0.52	0.53	98.11	0.08	1.92	3
	Ant1	2452	0.52	0.53	98.11	0.08	1.92	3
	Ant2	2452	0.52	0.53	98.11	0.08	1.92	3

Test Graphs

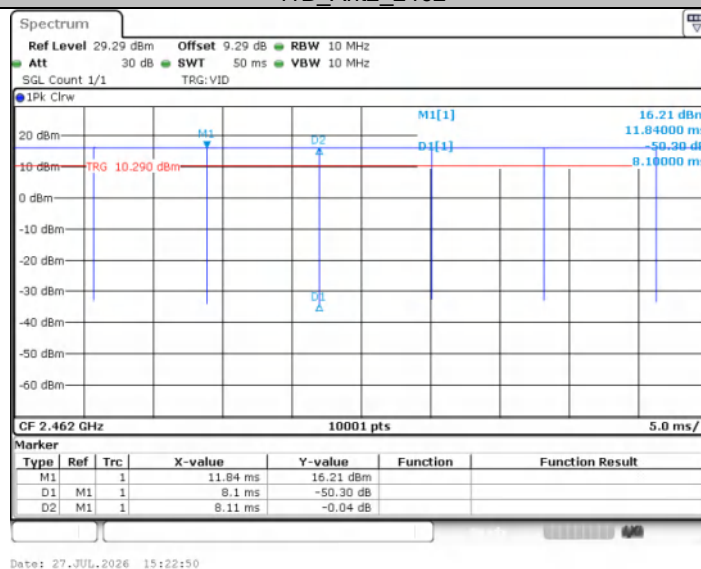




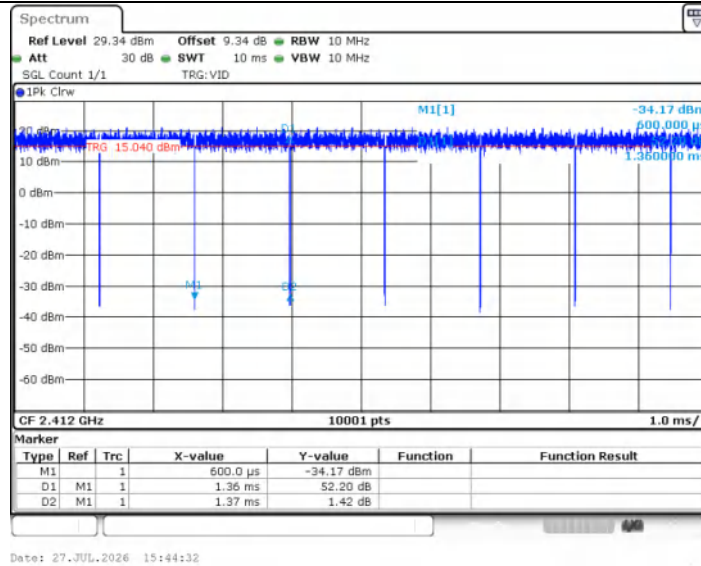
11B_Ant1_2462



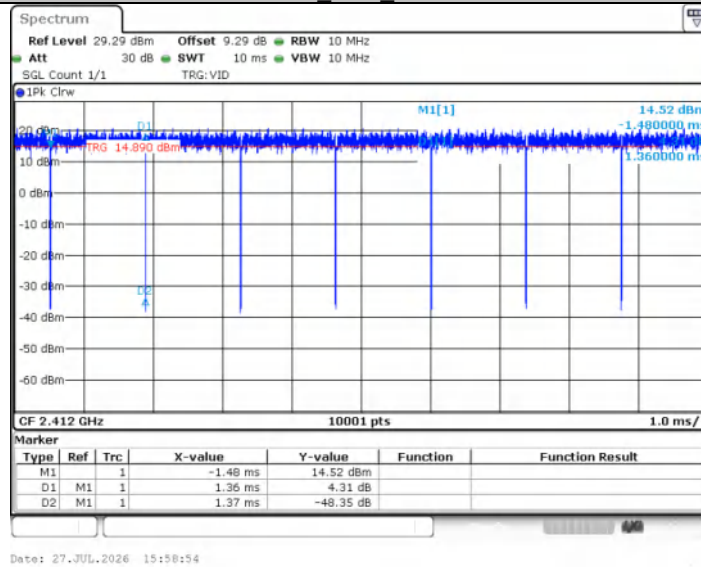
11B_Ant2_2462



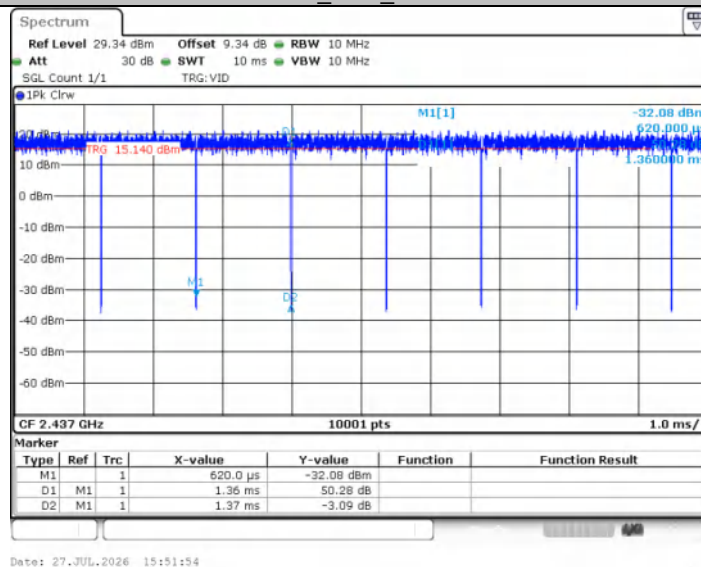
11G_Ant1_2412



11G_Ant2_2412



11G_Ant1_2437



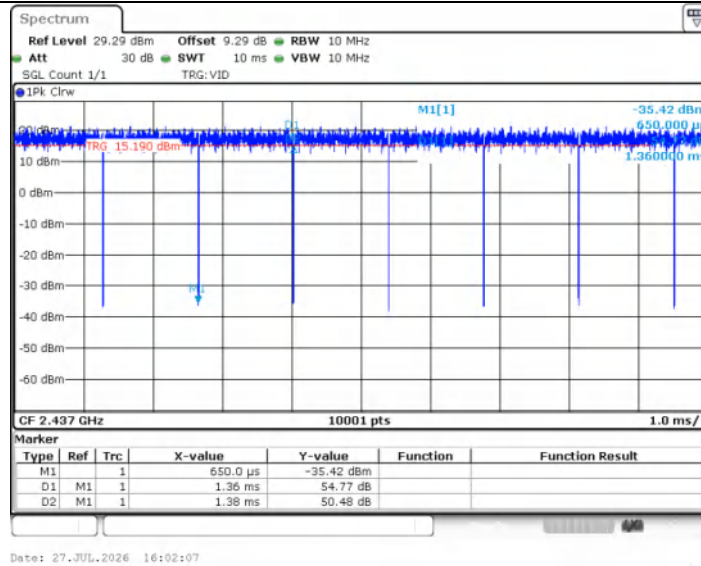
11G_Ant2_2437

CTC Laboratories, Inc.

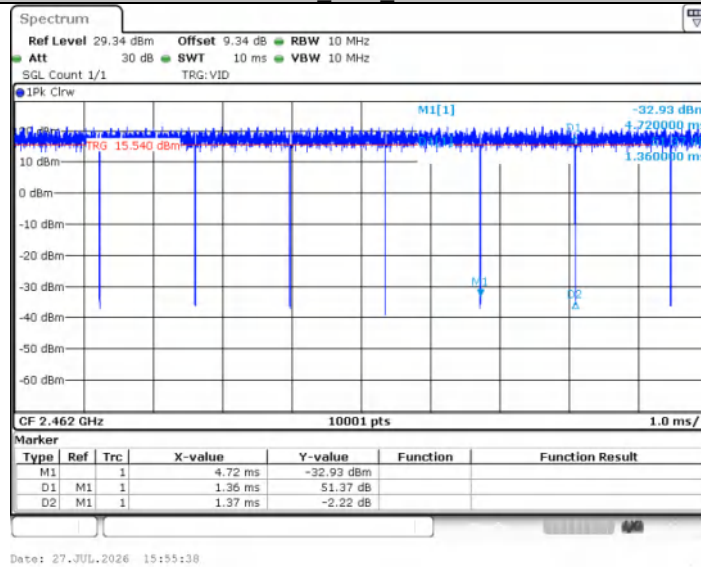
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A5

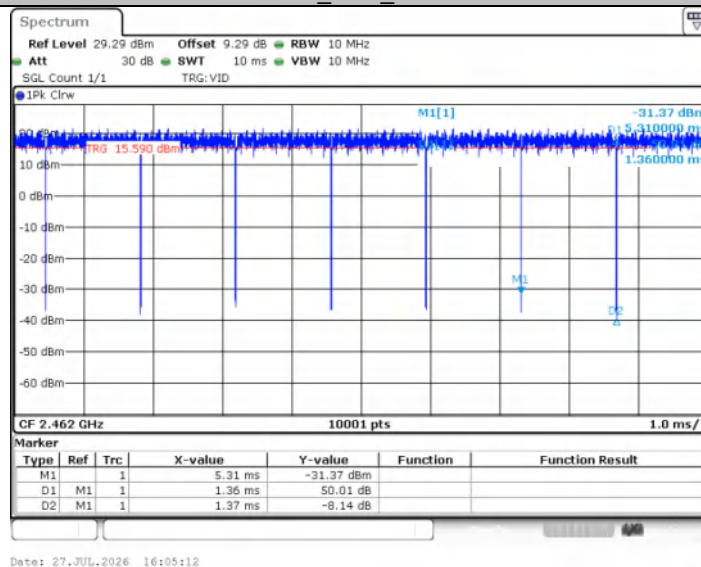
Master TRF : Dated 2026-06-01



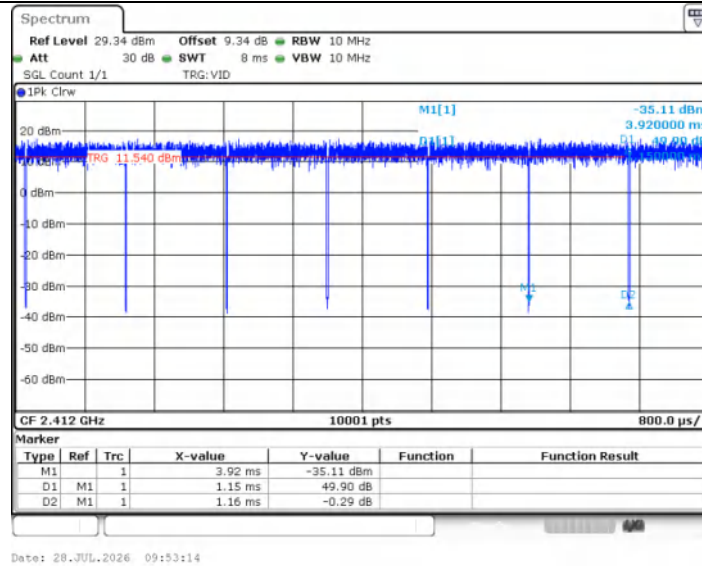
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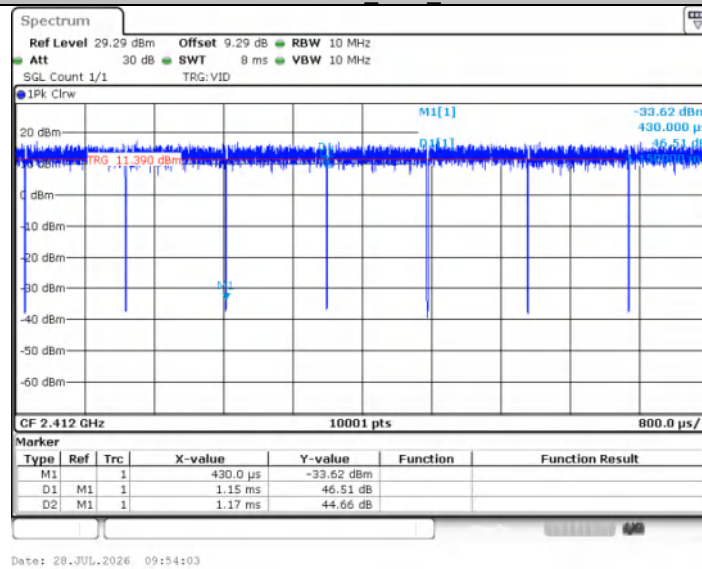
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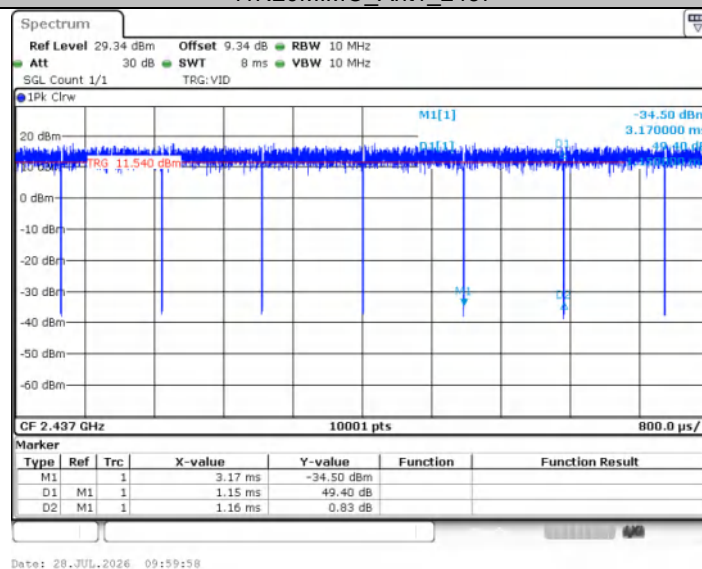
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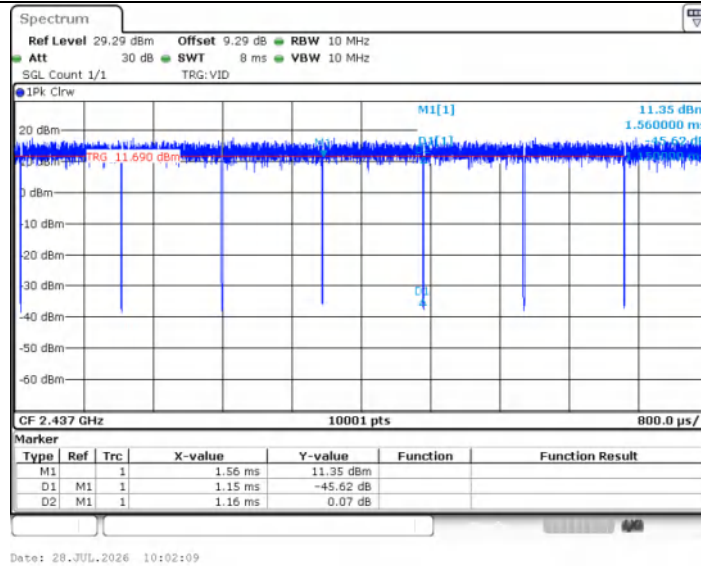
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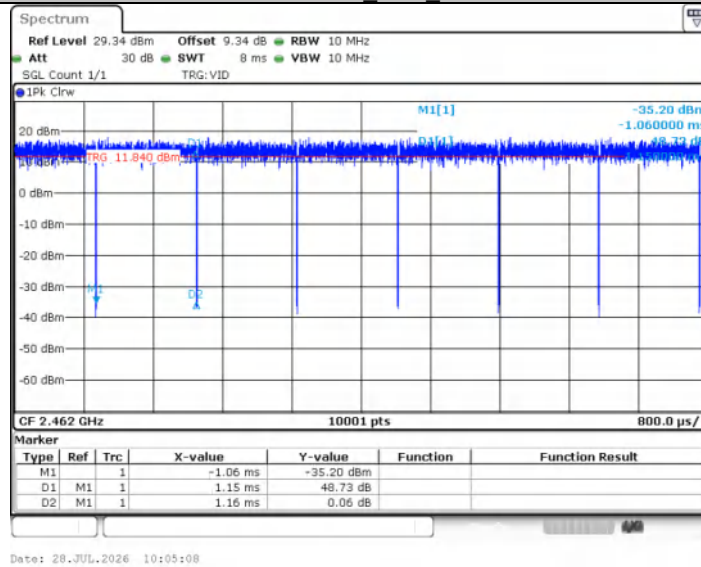
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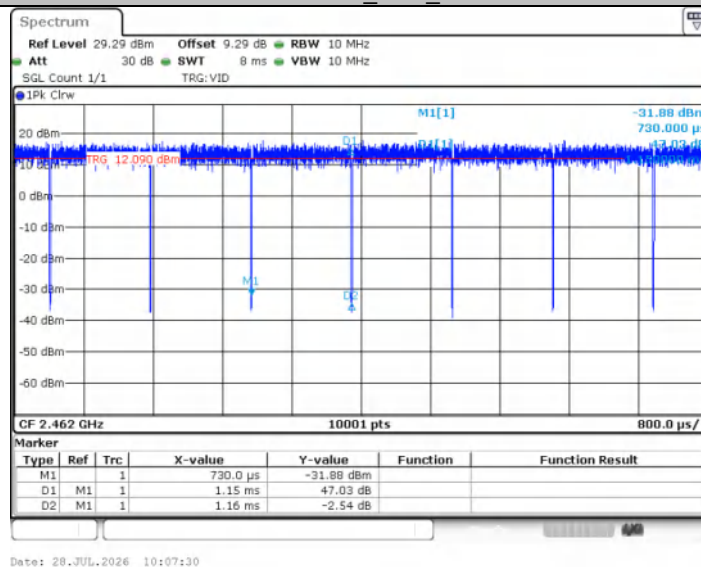
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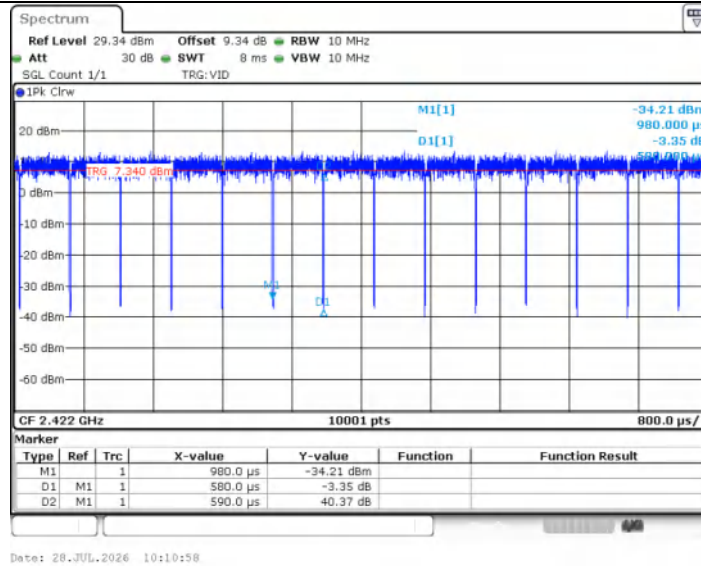
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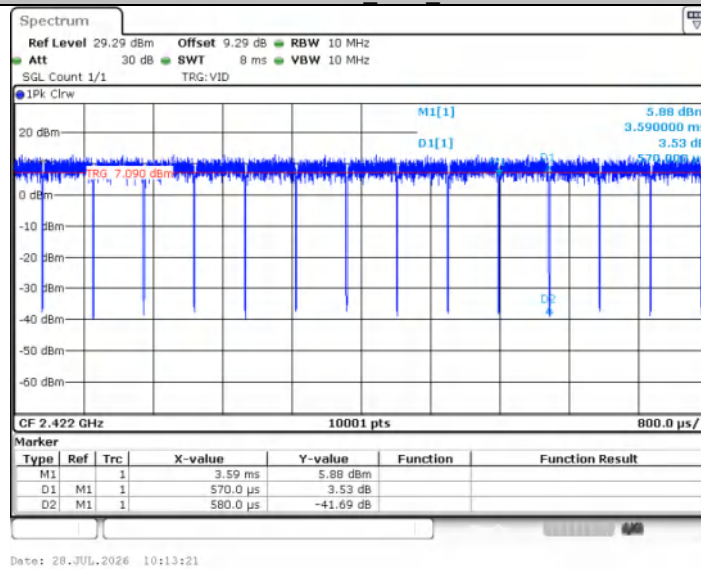
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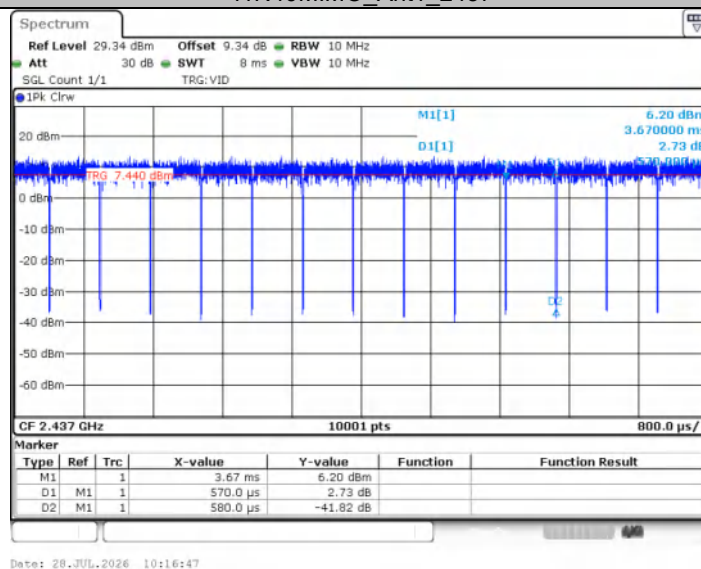
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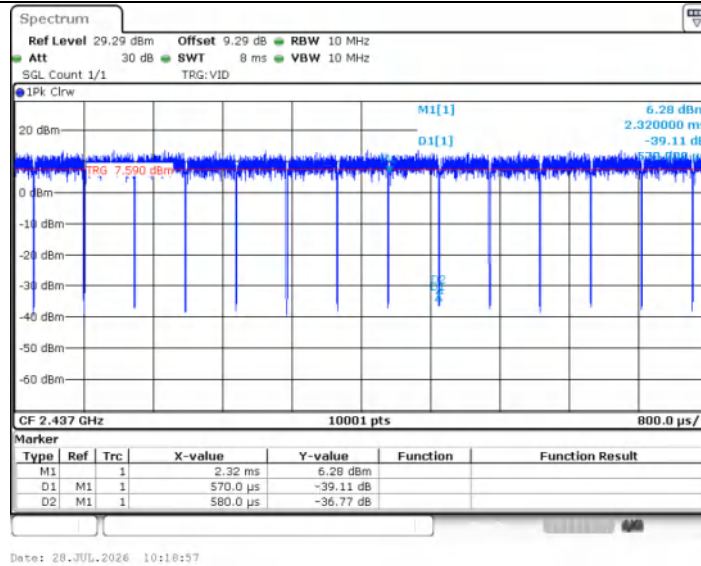
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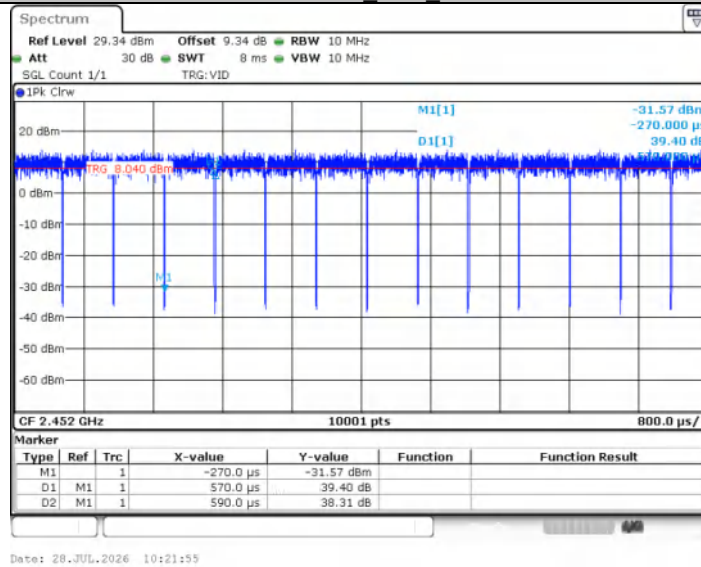
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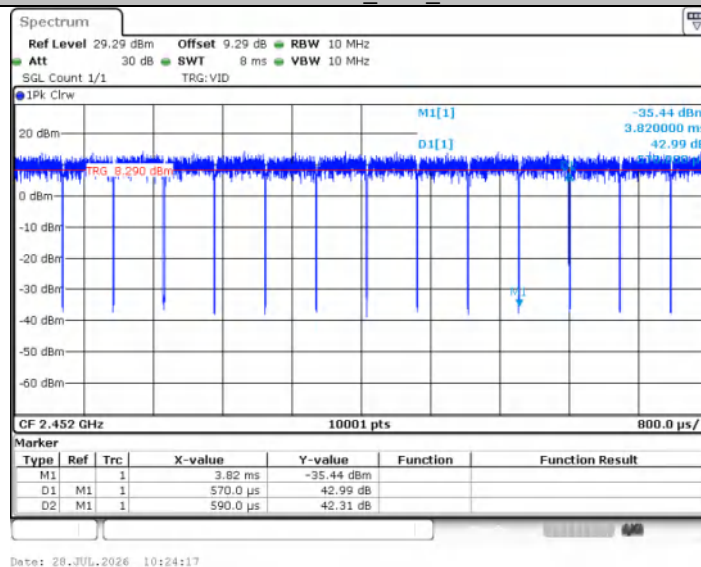
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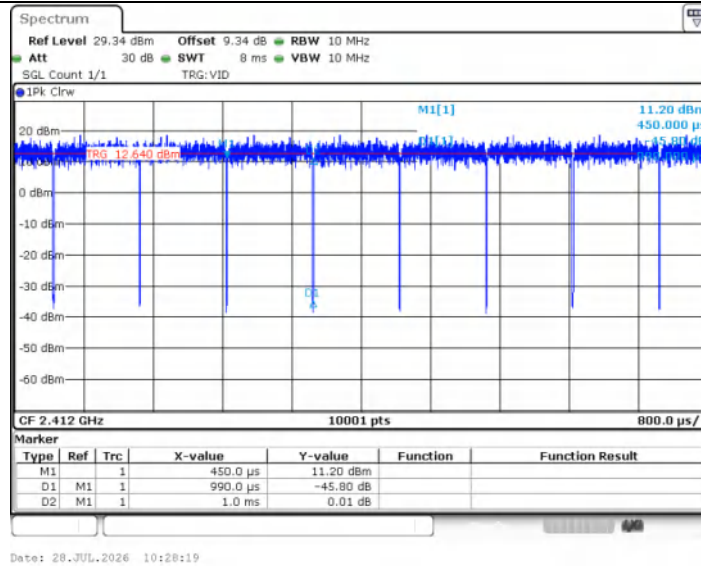
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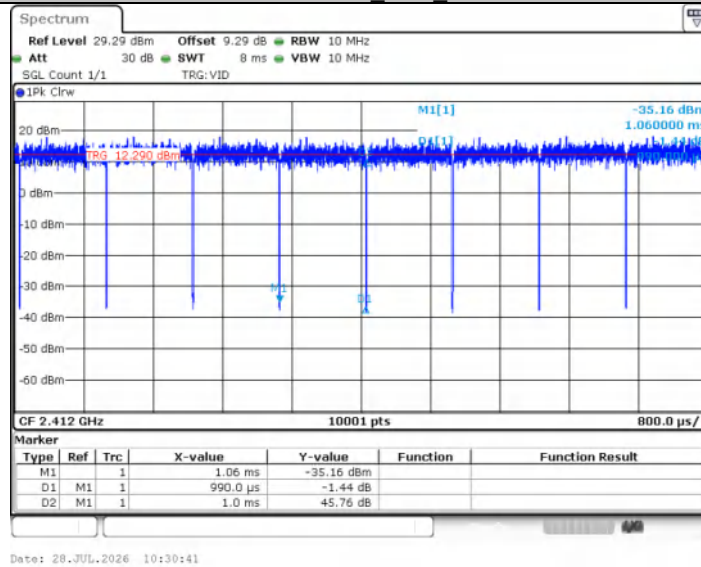
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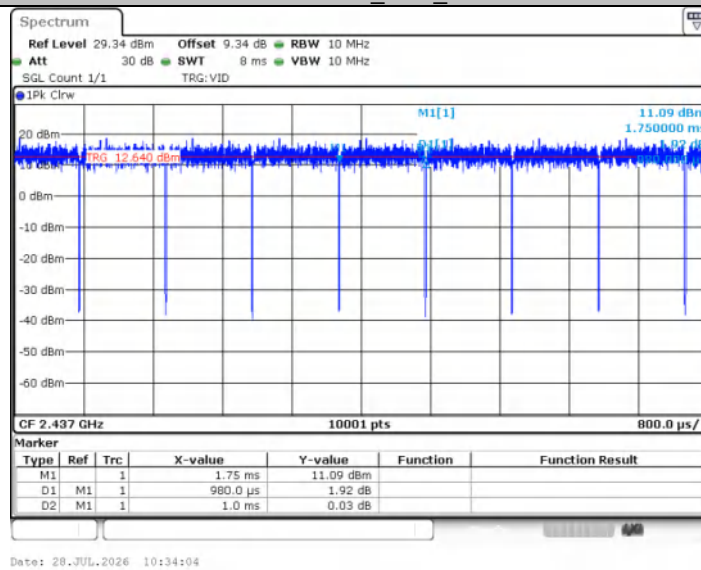
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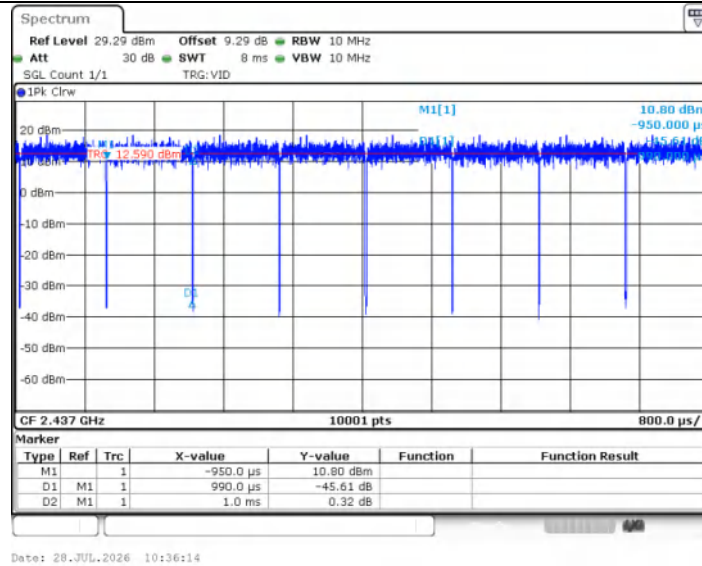
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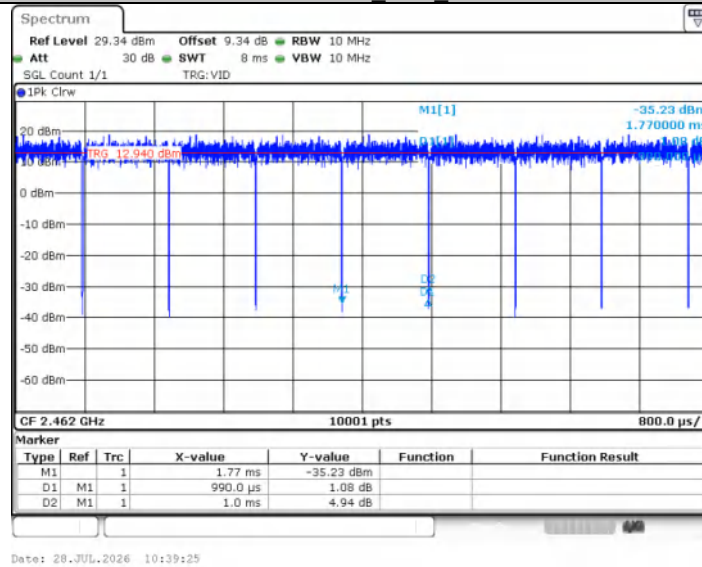
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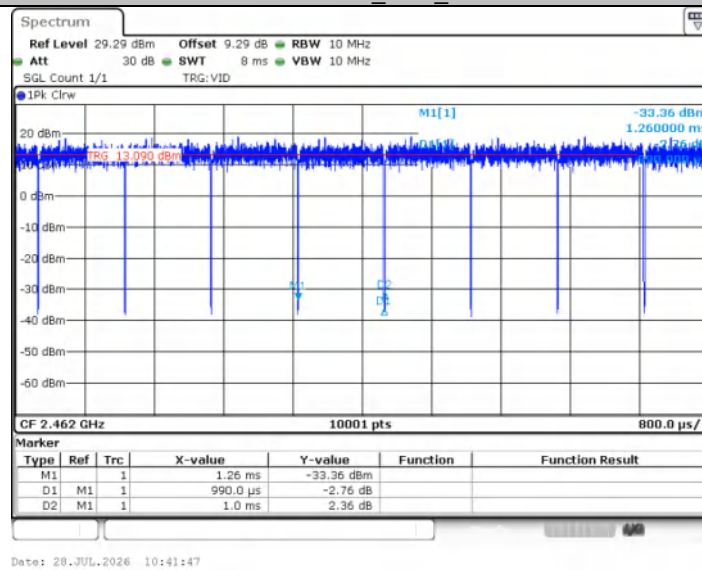
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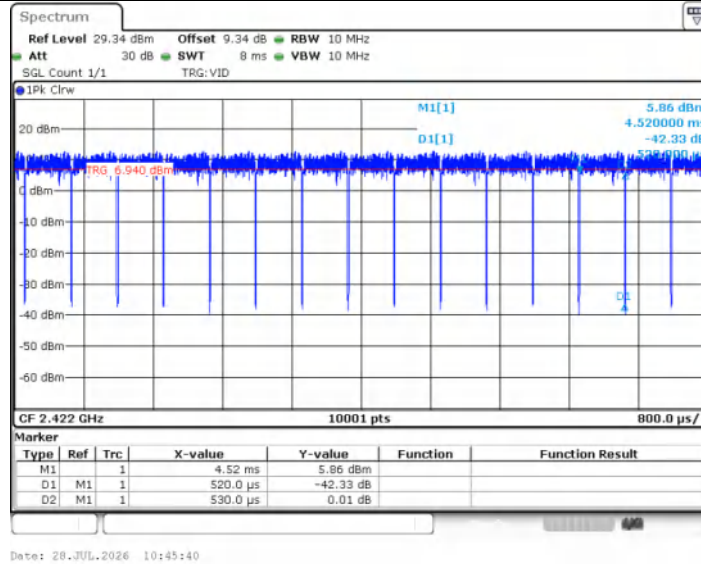
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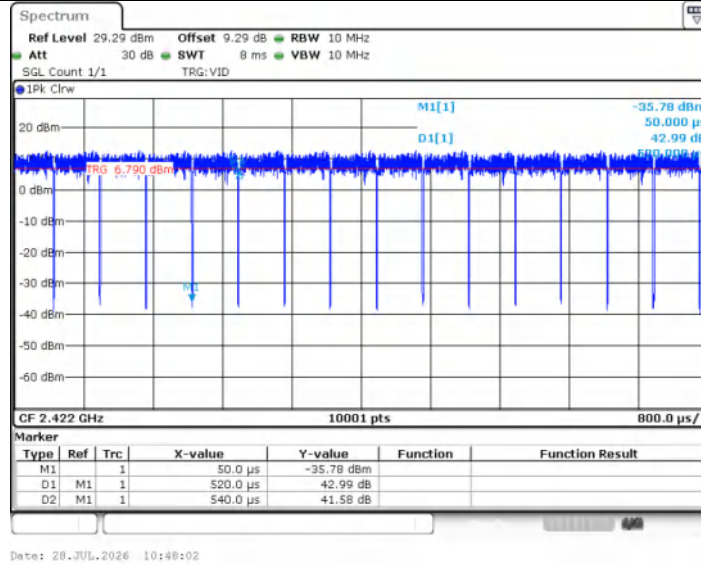
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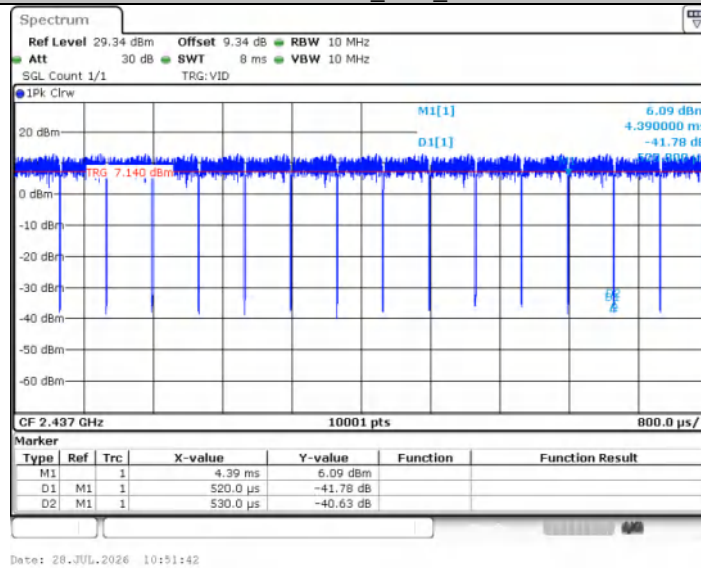
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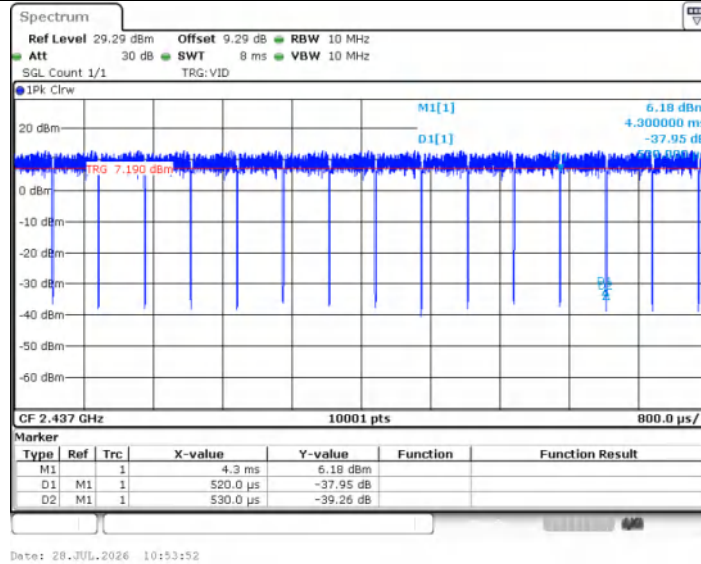
11AX40MIMO_Ant2_2422



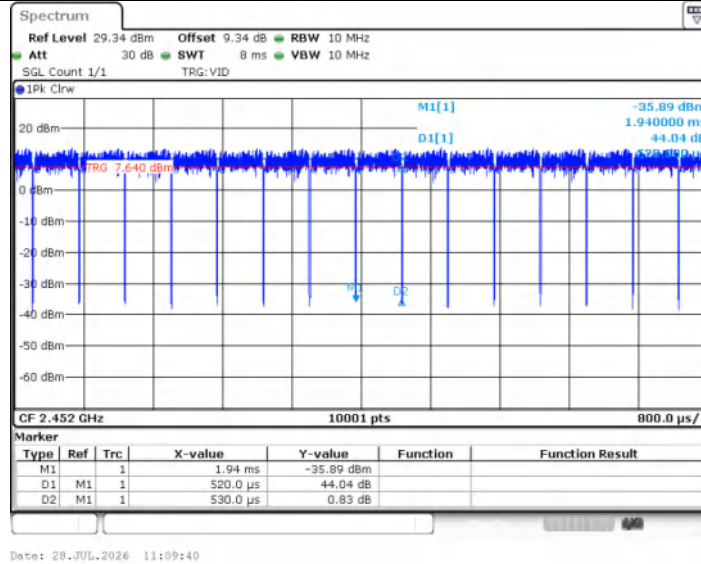
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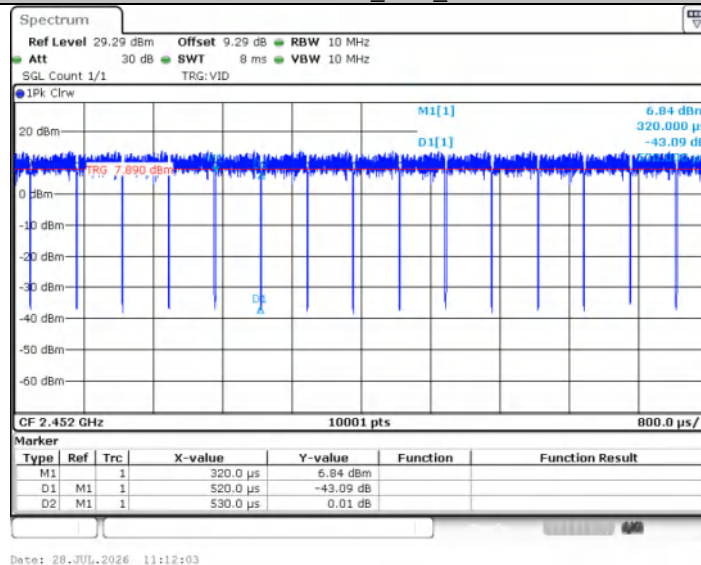
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



3.9. Antenna Requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C Section 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i)

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(b) (4)

(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, 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 in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RSS-Gen Issue 5 Section 6.8

The applicant for equipment certification, as per RSP-100, must provide a list of all antenna types that may be used with the licence-exempt transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. Licence-exempt transmitters that have received equipment certification may operate with different types of antennas. However, it is not permissible to exceed the maximum equivalent isotropically radiated power(e.i.r.p.) limits specified in the applicable standard (RSS) for licence-exempt apparatus.

Test Result

The directional gain of the antenna is less than 6dBi, please refer to the EUT internal photographs antenna photo.

*****THE END OF REPORT*****