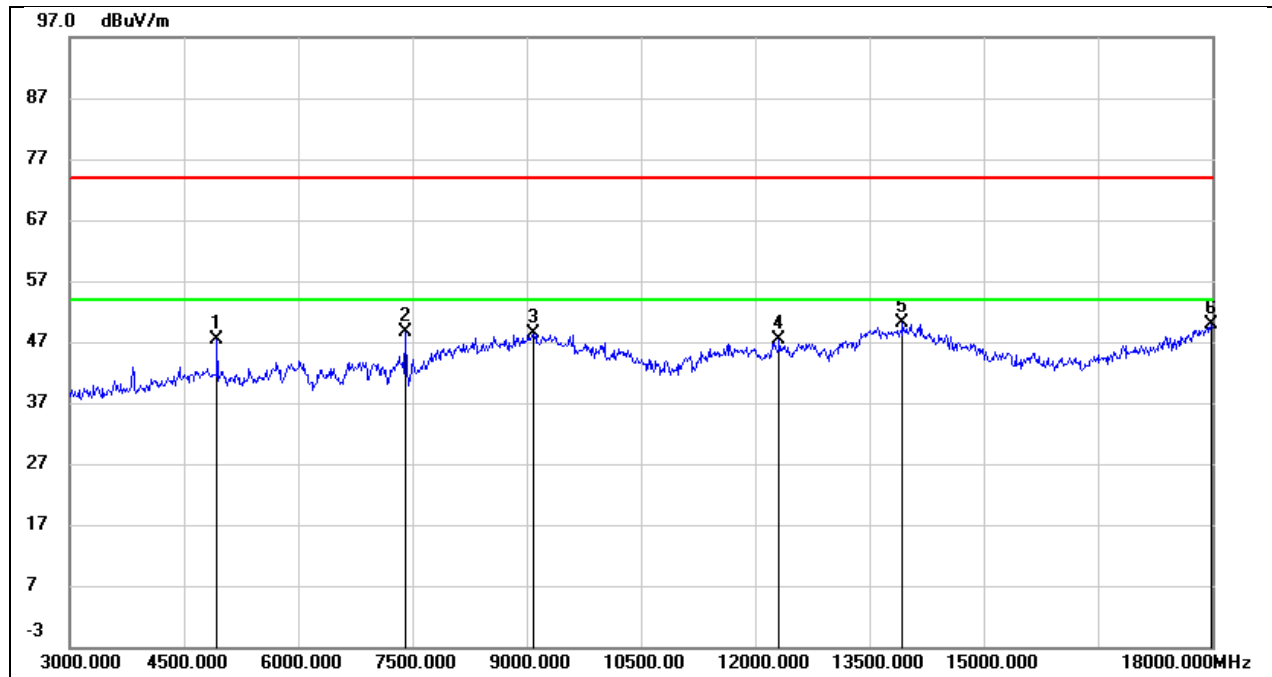
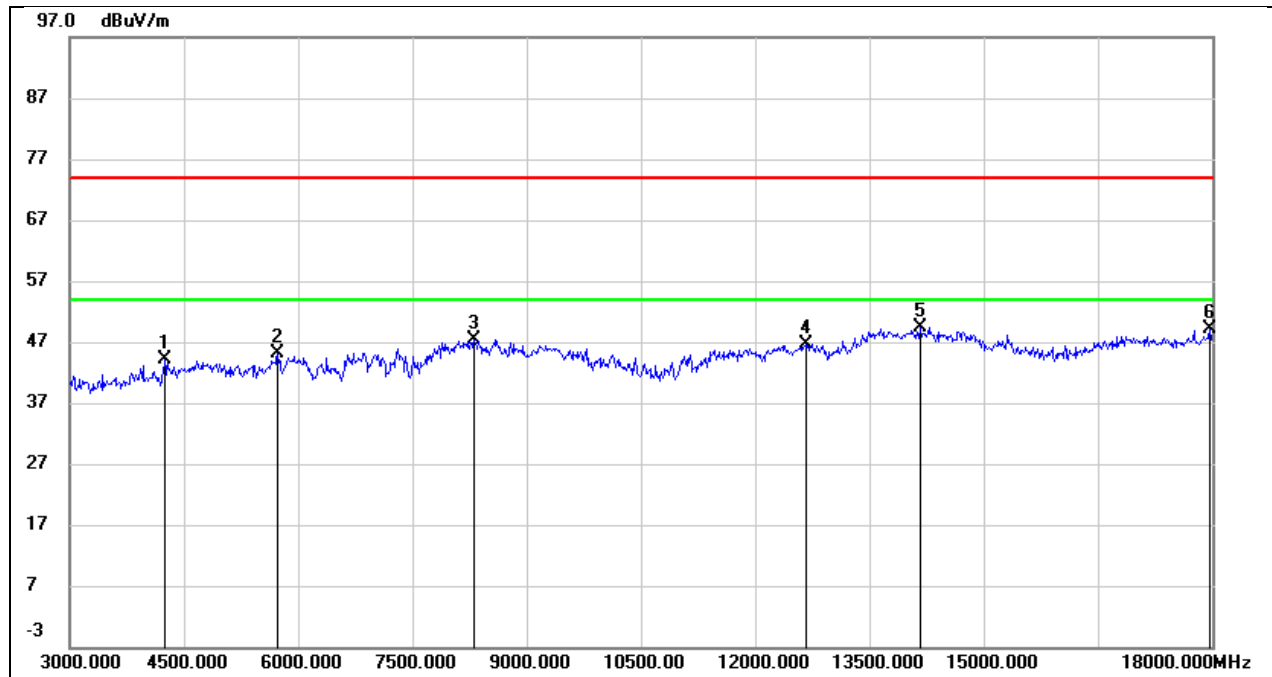


Test Mode:	802.11ax HE20	Frequency(MHz):	2437 26 8
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	46.56	0.80	47.36	74.00	-26.64	peak
2	7410.000	41.56	7.18	48.74	74.00	-25.26	peak
3	9090.000	37.73	10.58	48.31	74.00	-25.69	peak
4	12315.000	28.41	18.87	47.28	74.00	-26.72	peak
5	13935.000	26.58	23.52	50.10	74.00	-23.90	peak
6	17985.000	20.45	29.49	49.94	74.00	-24.06	peak

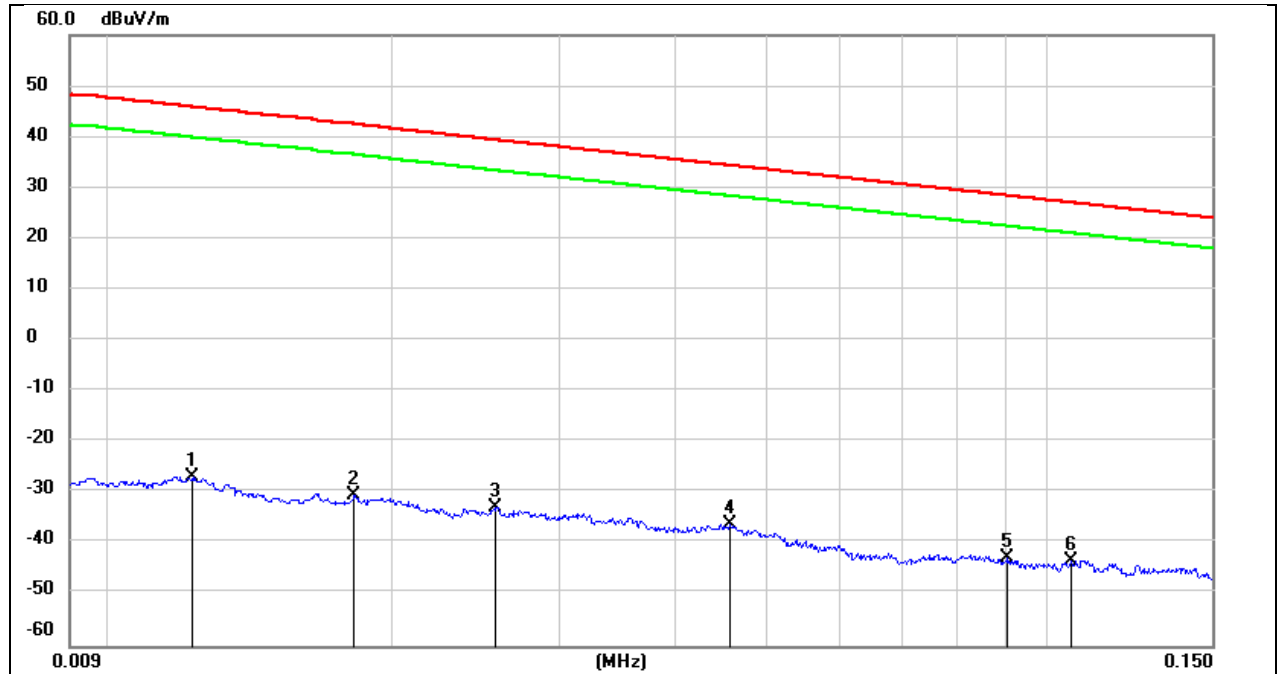
Test Mode:	802.11ax HE20	Frequency(MHz):	2437 26 8
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4245.000	44.36	-0.35	44.01	74.00	-29.99	peak
2	5730.000	41.32	3.71	45.03	74.00	-28.97	peak
3	8310.000	38.02	9.30	47.32	74.00	-26.68	peak
4	12660.000	28.59	18.13	46.72	74.00	-27.28	peak
5	14160.000	27.18	22.26	49.44	74.00	-24.56	peak
6	17970.000	21.88	27.26	49.14	74.00	-24.86	peak

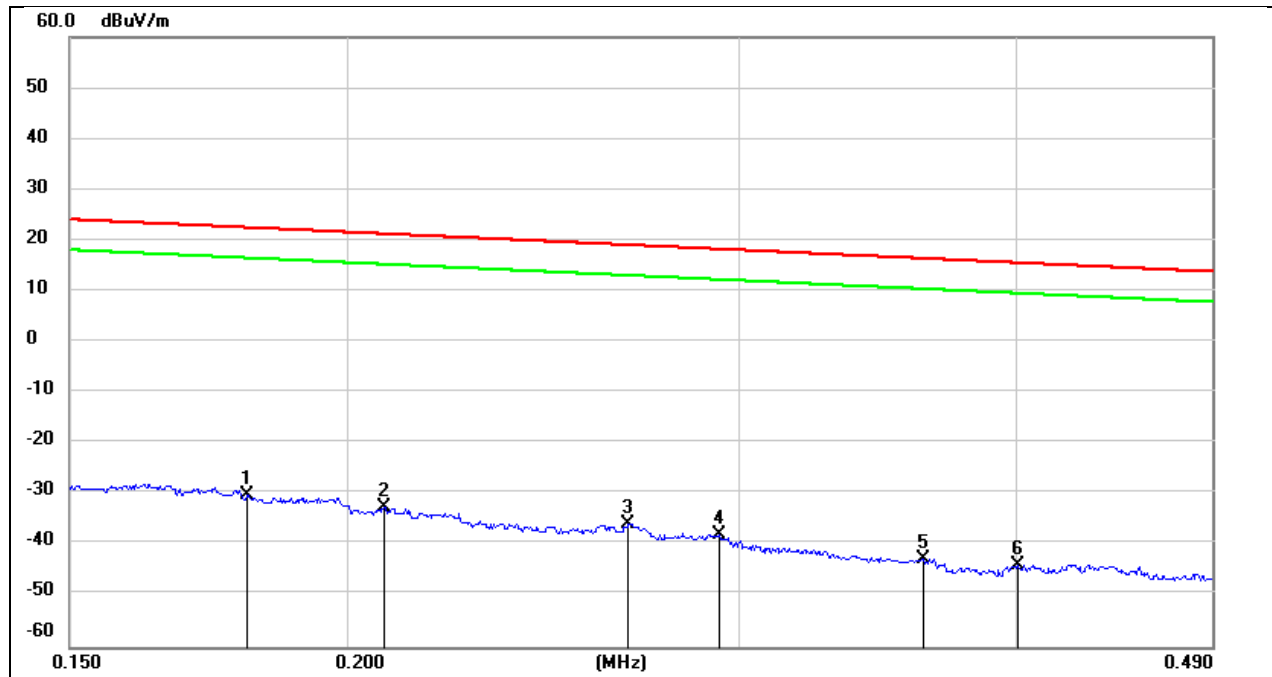
8.10. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 3.3V



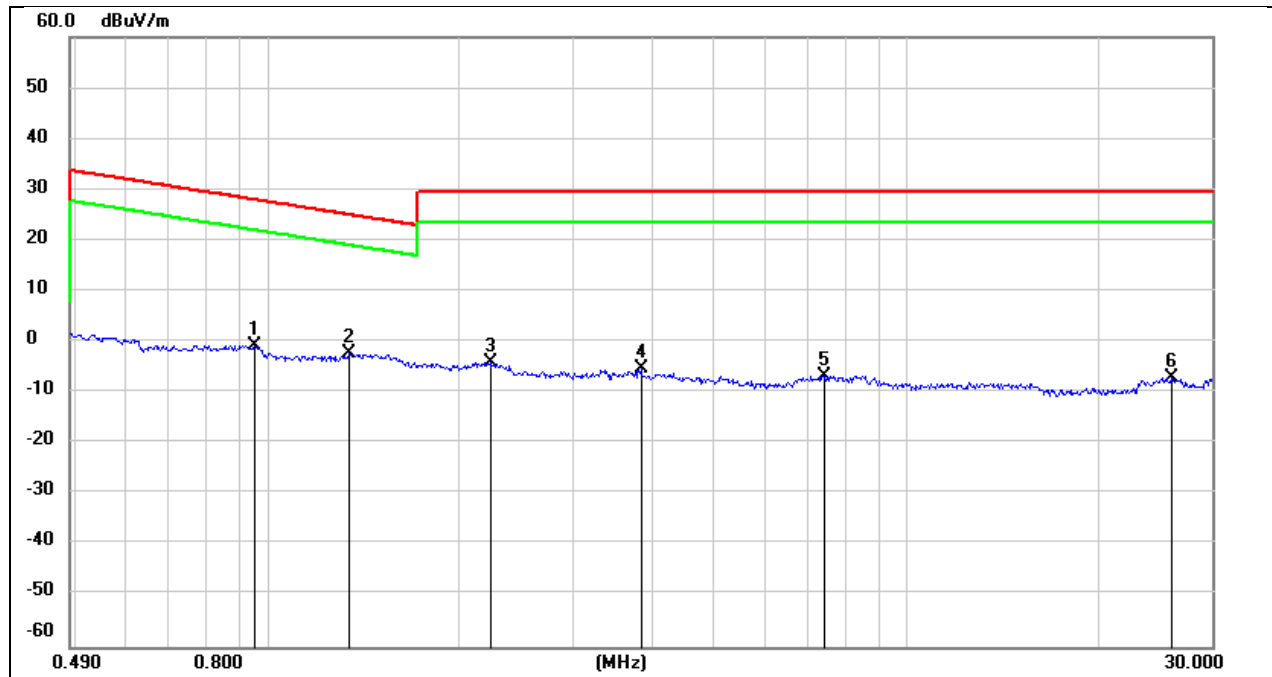
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0122	74.50	-101.39	-26.89	45.87	-78.39	-5.63	-72.76	peak
2	0.0181	70.85	-101.36	-30.51	42.45	-82.01	-9.05	-72.96	peak
3	0.0257	68.46	-101.37	-32.91	39.40	-84.41	-12.10	-72.31	peak
4	0.0458	65.24	-101.46	-36.22	34.38	-87.72	-17.12	-70.60	peak
5	0.0908	58.88	-101.72	-42.84	28.44	-94.34	-23.06	-71.28	peak
6	0.1058	58.46	-101.78	-43.32	27.11	-94.82	-24.39	-70.43	peak

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1801	71.53	-101.68	-30.15	22.50	-81.65	-29.00	-52.65	peak
2	0.2078	69.24	-101.73	-32.49	21.25	-83.99	-30.25	-53.74	peak
3	0.2676	66.01	-101.82	-35.81	19.05	-87.31	-32.45	-54.86	peak
4	0.2942	63.82	-101.85	-38.03	18.23	-89.53	-33.27	-56.26	peak
5	0.3634	59.32	-101.93	-42.61	16.39	-94.11	-35.11	-59.00	peak
6	0.4007	58.06	-101.96	-43.90	15.54	-95.40	-35.96	-59.44	peak

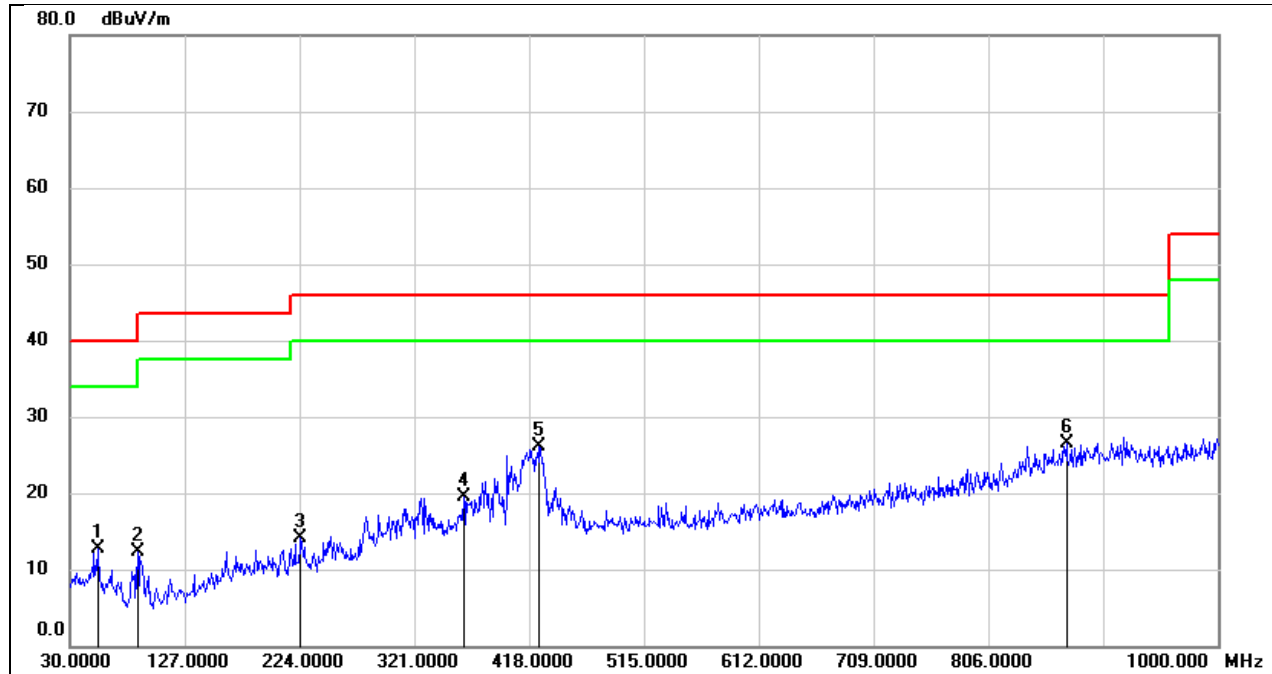
Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.9543	61.54	-62.24	-0.70	28.01	-52.20	-23.49	-28.71	peak
2	1.3366	59.77	-62.11	-2.34	25.09	-53.84	-26.41	-27.43	peak
3	2.2311	57.64	-61.76	-4.12	29.54	-55.62	-21.96	-33.66	peak
4	3.8340	56.01	-61.38	-5.37	29.54	-56.87	-21.96	-34.91	peak
5	7.4249	54.45	-61.15	-6.70	29.54	-58.20	-21.96	-36.24	peak
6	25.8978	53.26	-60.36	-7.10	29.54	-58.60	-21.96	-36.64	peak

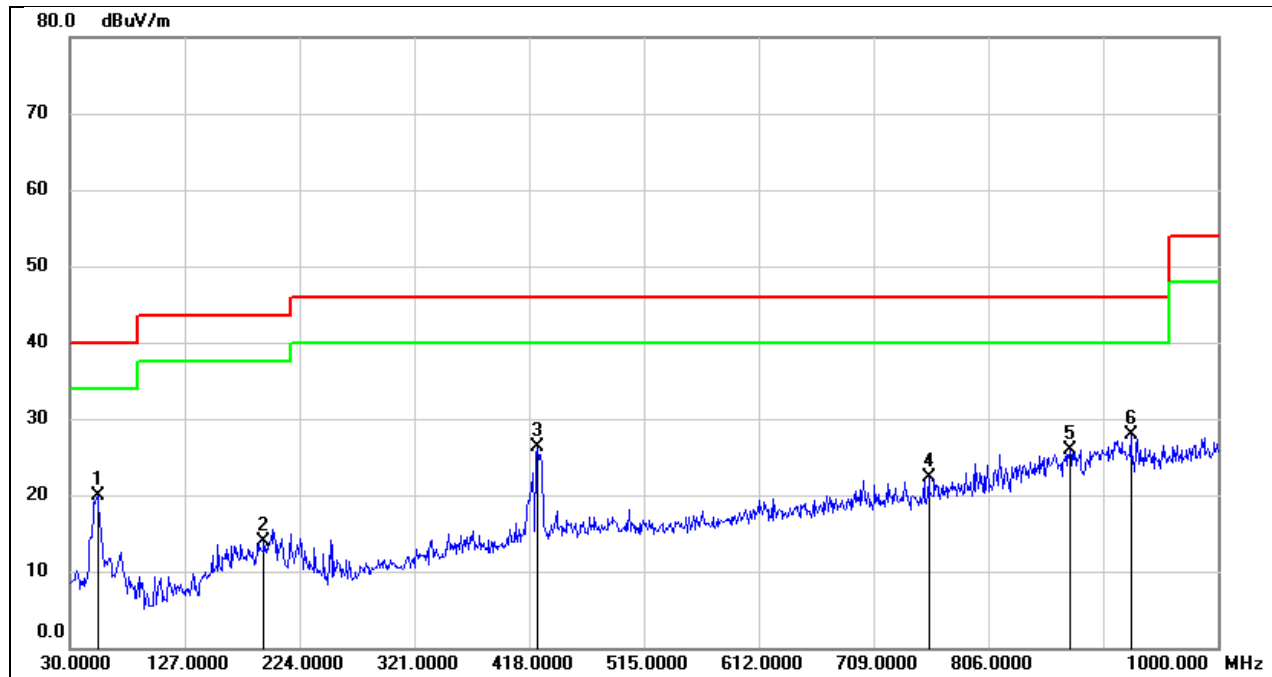
8.11. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	53.2800	27.84	-15.04	12.80	40.00	-27.20	QP
2	87.2300	28.85	-16.51	12.34	40.00	-27.66	QP
3	224.9700	27.43	-13.30	14.13	46.00	-31.87	QP
4	362.7100	29.11	-9.52	19.59	46.00	-26.41	QP
5	426.7300	34.99	-8.88	26.11	46.00	-19.89	QP
6	871.9600	27.28	-0.84	26.44	46.00	-19.56	QP

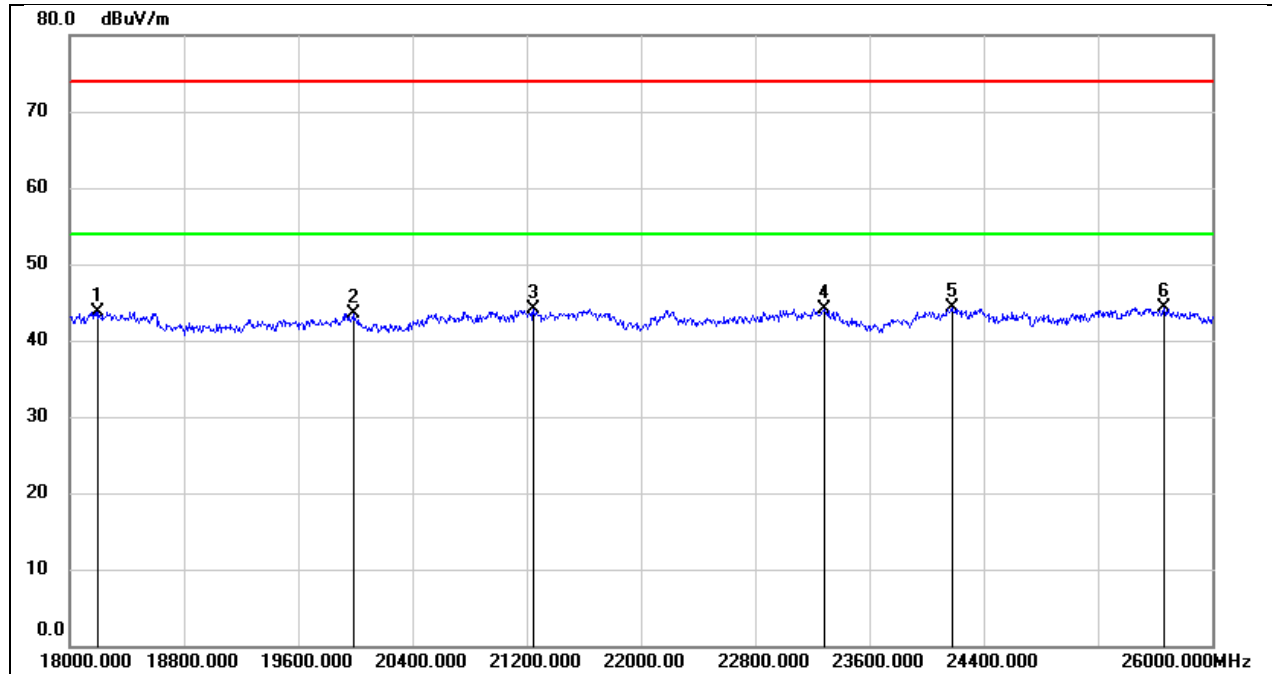
Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	53.2800	34.92	-15.04	19.88	40.00	-20.12	QP
2	193.9299	26.00	-12.06	13.94	43.50	-29.56	QP
3	424.7900	35.30	-8.95	26.35	46.00	-19.65	QP
4	755.5600	25.73	-3.35	22.38	46.00	-23.62	QP
5	874.8700	26.75	-0.81	25.94	46.00	-20.06	QP
6	926.2800	28.51	-0.62	27.89	46.00	-18.11	QP

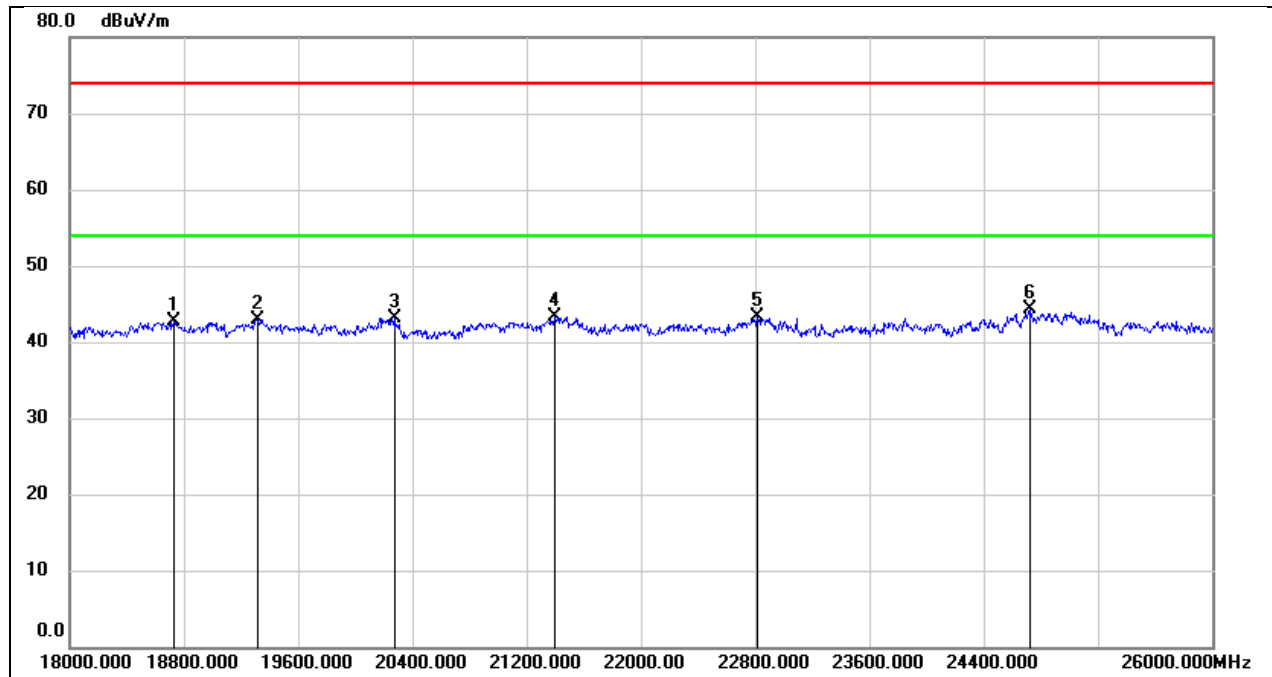
8.12. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18200.000	49.29	-5.52	43.77	74.00	-30.23	peak
2	19984.000	48.88	-5.44	43.44	74.00	-30.56	peak
3	21248.000	48.79	-4.77	44.02	74.00	-29.98	peak
4	23288.000	47.43	-3.33	44.10	74.00	-29.90	peak
5	24176.000	47.19	-2.80	44.39	74.00	-29.61	peak
6	25664.000	45.24	-1.01	44.23	74.00	-29.77	peak

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18728.000	48.15	-5.40	42.75	74.00	-31.25	peak
2	19312.000	48.55	-5.57	42.98	74.00	-31.02	peak
3	20272.000	48.77	-5.60	43.17	74.00	-30.83	peak
4	21400.000	48.04	-4.72	43.32	74.00	-30.68	peak
5	22816.000	46.93	-3.63	43.30	74.00	-30.70	peak
6	24720.000	46.72	-2.33	44.39	74.00	-29.61	peak

9. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 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 an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. 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.

Please refer to FCC part 15.247(b)(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.

DESCRIPTION

Pass

10. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISSED RSS-Gen Clause 8.8

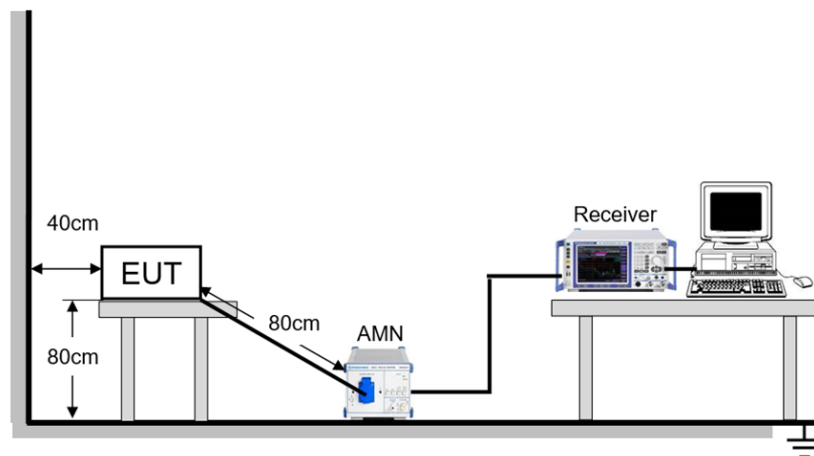
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST PROCEDURE

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

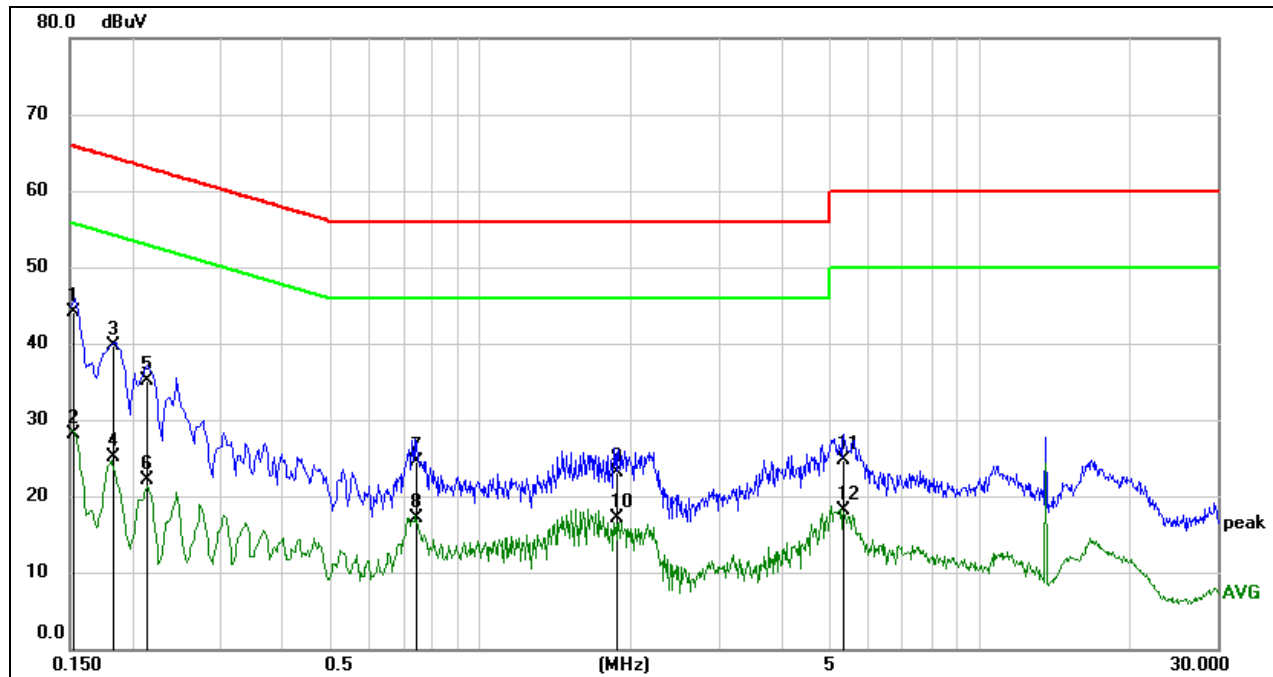
Temperature	23.2°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST DATE / ENGINEER

Test Date	March 5, 2025	Test By	Karl Wu
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TEST RESULTS

Test Mode:	802.11b	Frequency(MHz):	2412
Line:	Line		



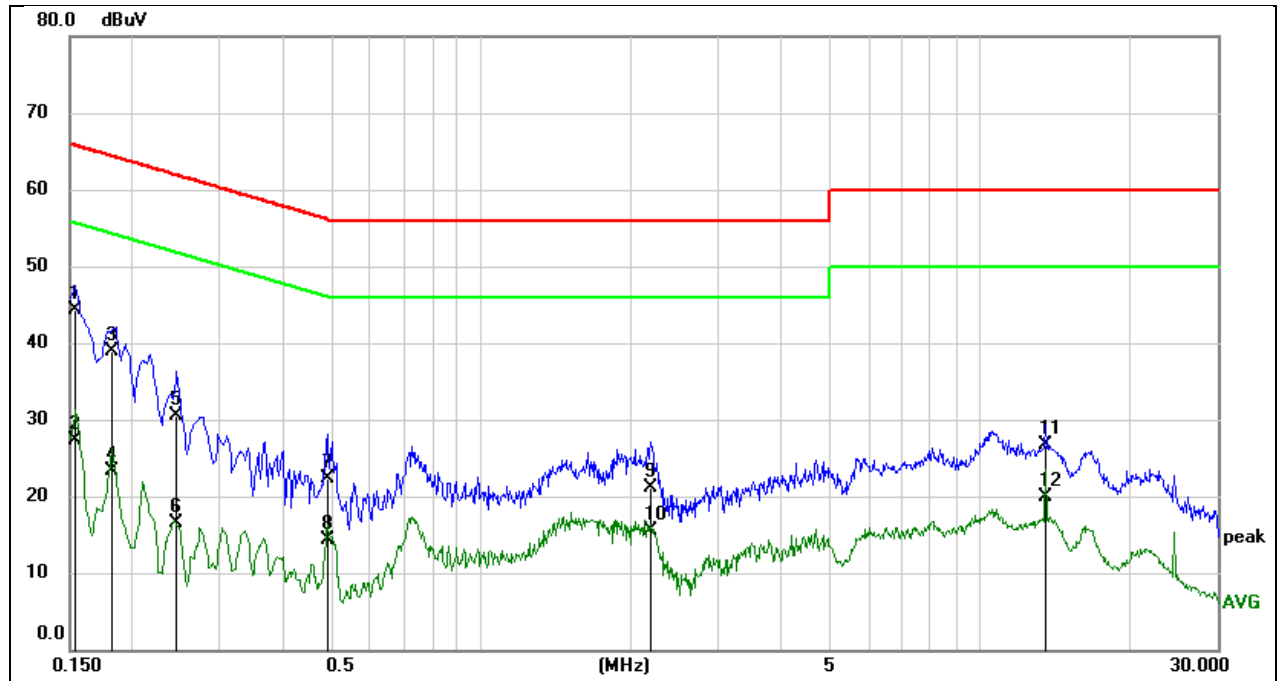
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1521	34.46	9.74	44.20	65.88	-21.68	QP
2	0.1521	18.46	9.74	28.20	55.88	-27.68	AVG
3	0.1826	29.95	9.67	39.62	64.37	-24.75	QP
4	0.1826	15.41	9.67	25.08	54.37	-29.29	AVG
5	0.2129	25.44	9.64	35.08	63.09	-28.01	QP
6	0.2129	12.46	9.64	22.10	53.09	-30.99	AVG
7	0.7470	14.78	9.63	24.41	56.00	-31.59	QP
8	0.7470	7.38	9.63	17.01	46.00	-28.99	AVG
9	1.8856	13.32	9.73	23.05	56.00	-32.95	QP
10	1.8856	7.35	9.73	17.08	46.00	-28.92	AVG
11	5.3691	14.93	9.73	24.66	60.00	-35.34	QP
12	5.3691	8.30	9.73	18.03	50.00	-31.97	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

Test Mode:	802.11b	Frequency(MHz):	2412
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1532	34.65	9.64	44.29	65.82	-21.53	QP
2	0.1532	17.68	9.64	27.32	55.82	-28.50	AVG
3	0.1824	29.32	9.64	38.96	64.38	-25.42	QP
4	0.1824	13.72	9.64	23.36	54.38	-31.02	AVG
5	0.2449	20.88	9.64	30.52	61.93	-31.41	QP
6	0.2449	6.90	9.64	16.54	51.93	-35.39	AVG
7	0.4921	12.74	9.64	22.38	56.13	-33.75	QP
8	0.4921	4.71	9.64	14.35	46.13	-31.78	AVG
9	2.1917	11.37	9.64	21.01	56.00	-34.99	QP
10	2.1917	5.80	9.64	15.44	46.00	-30.56	AVG
11	13.5600	16.92	9.74	26.66	60.00	-33.34	QP
12	13.5600	10.10	9.74	19.84	50.00	-30.16	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

11. TEST DATA

11.1. APPENDIX A: DTS BANDWIDTH

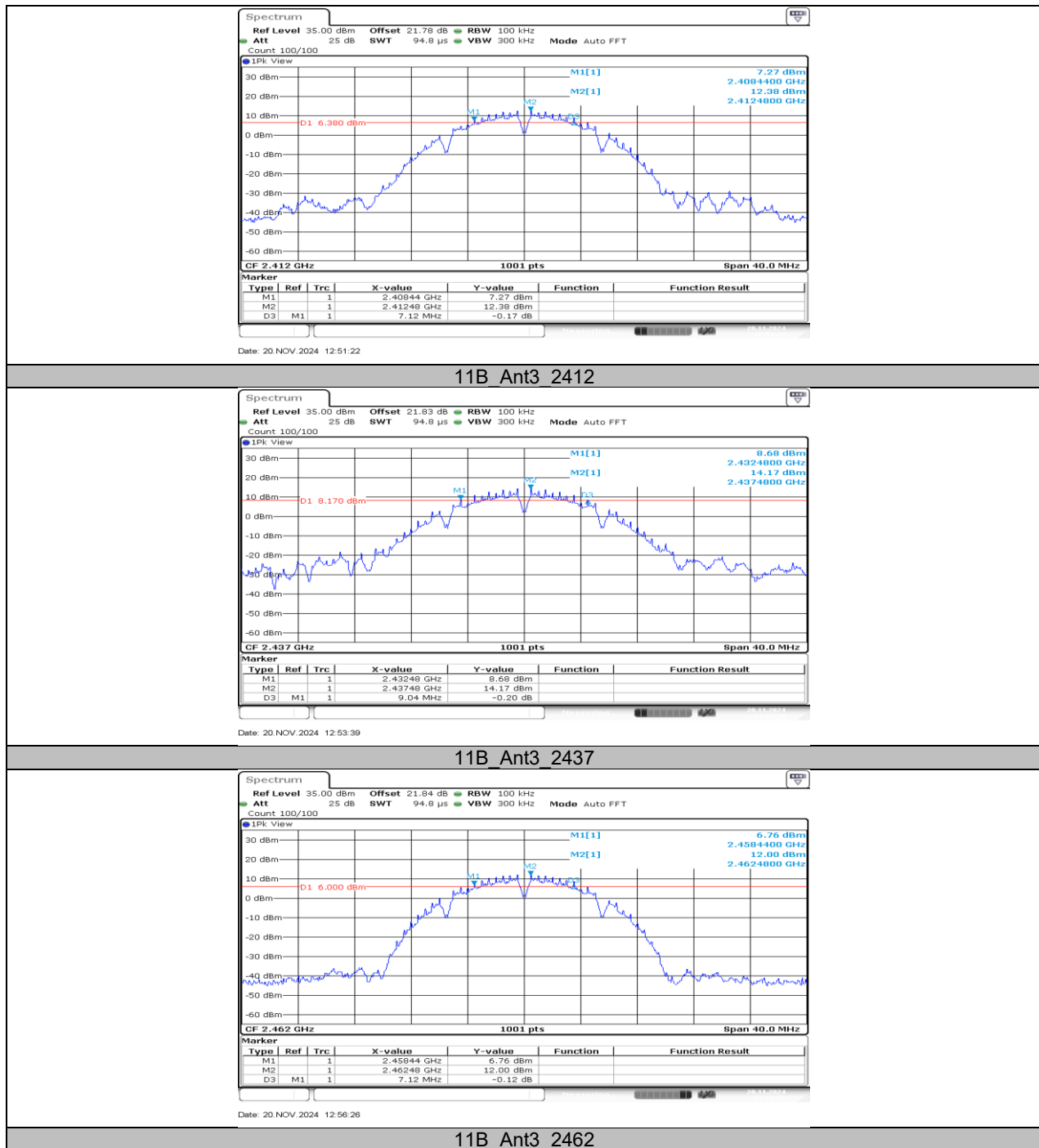
11.1.1. Test Result

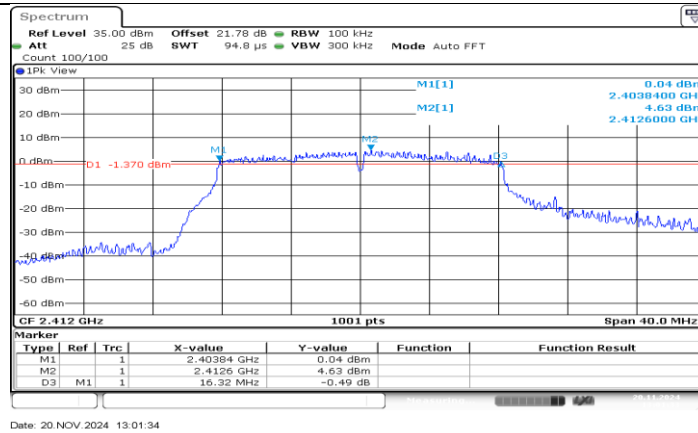
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant3	2412	7.12	2408.44	2415.56	≥ 0.5	PASS
		2437	9.04	2432.48	2441.52	≥ 0.5	PASS
		2462	7.12	2458.44	2465.56	≥ 0.5	PASS
11G	Ant3	2412	16.32	2403.84	2420.16	≥ 0.5	PASS
		2437	16.32	2428.84	2445.16	≥ 0.5	PASS
		2462	15.12	2454.44	2469.56	≥ 0.5	PASS
11N20SISO	Ant3	2412	15.12	2404.44	2419.56	≥ 0.5	PASS
		2437	15.08	2429.44	2444.52	≥ 0.5	PASS
		2462	15.12	2454.44	2469.56	≥ 0.5	PASS
11N40SISO	Ant3	2422	35.12	2404.48	2439.60	≥ 0.5	PASS
		2437	35.12	2419.48	2454.60	≥ 0.5	PASS
		2452	35.12	2434.48	2469.60	≥ 0.5	PASS
11AX20SISO SU	Ant3	2412	16.88	2404.16	2421.04	≥ 0.5	PASS
		2437	16.48	2429.36	2445.84	≥ 0.5	PASS
		2462	16.40	2454.44	2470.84	≥ 0.5	PASS
11AX40SISO SU	Ant3	2422	35.12	2404.48	2439.60	≥ 0.5	PASS
		2437	36.00	2419.16	2455.16	≥ 0.5	PASS
		2452	36.00	2433.60	2469.60	≥ 0.5	PASS

Test Mode	Antenna	Channel	Ru Size	Ru Index	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20SISO	Ant3	2412	26Tone	RU0	2.12	2402.44	2404.56	≥ 0.5	PASS
		2437	26Tone	RU4	2.64	2435.68	2438.32	≥ 0.5	PASS
		2462	26Tone	RU8	2.08	2469.44	2471.52	≥ 0.5	PASS

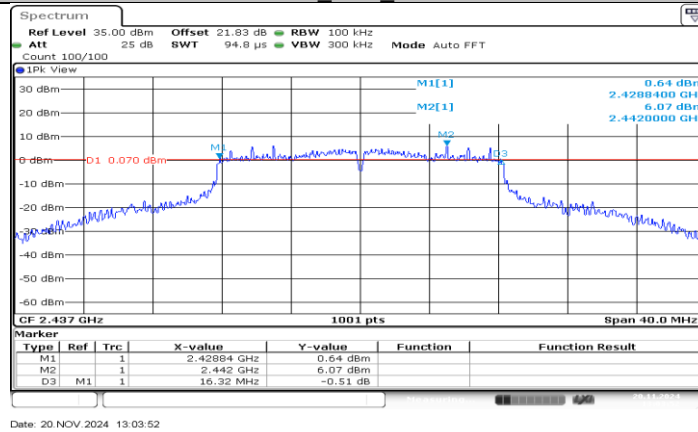
Note: For ax partial RU mode, 26Tone has the lowest DTS bandwidth, so only the worst data of 26Tone DTS bandwidth were performed in the report.

11.1.2. Test Graphs

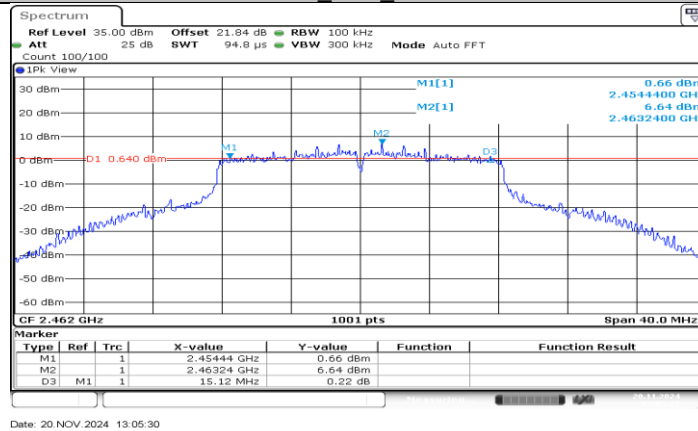




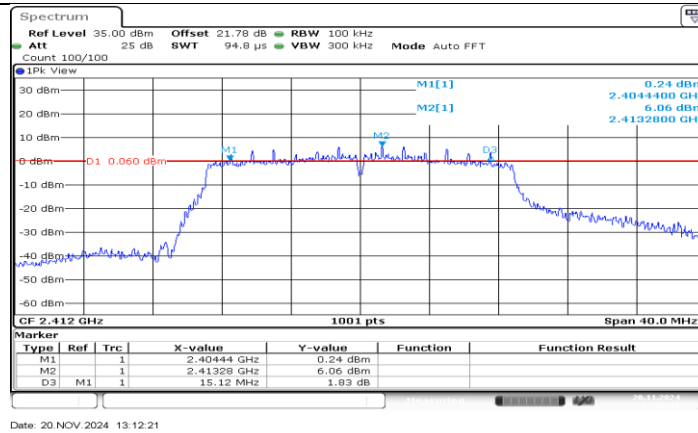
11G_Ant3_2412



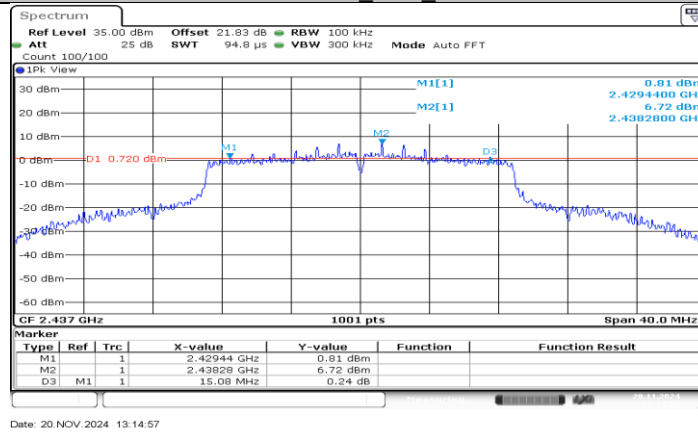
11G_Ant3_2437



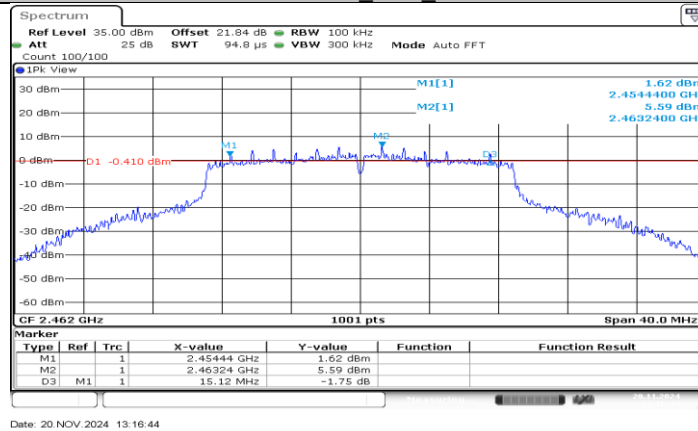
11G_Ant3_2462



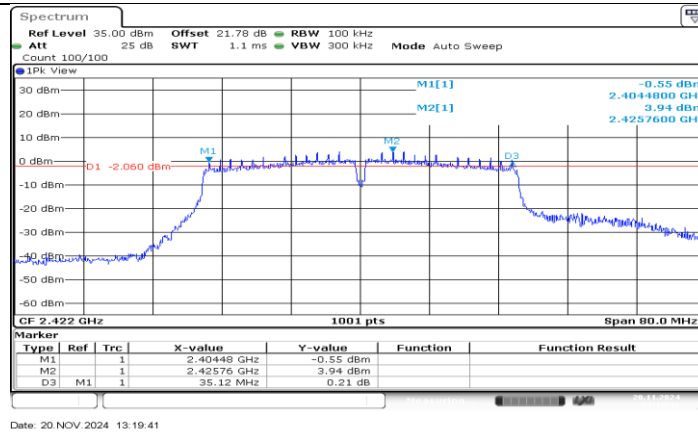
11N20SISO_Ant3_2412



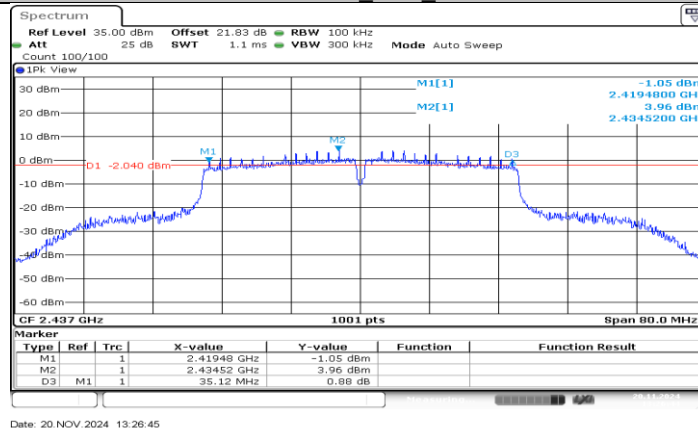
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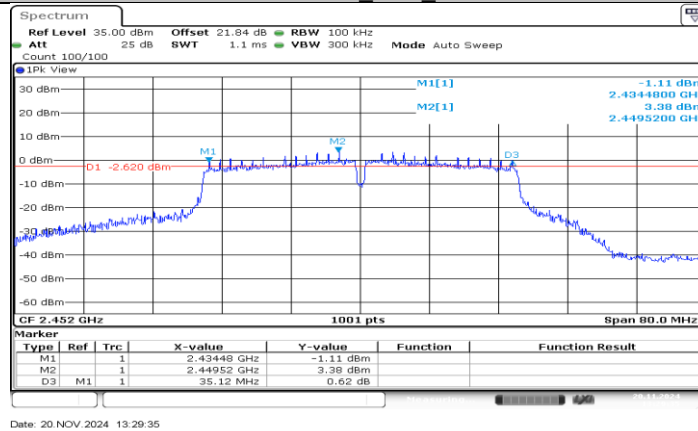
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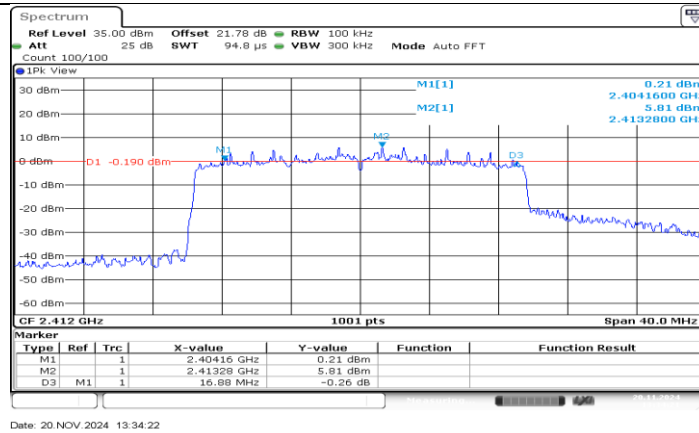
11N40SISO_Ant3_2422



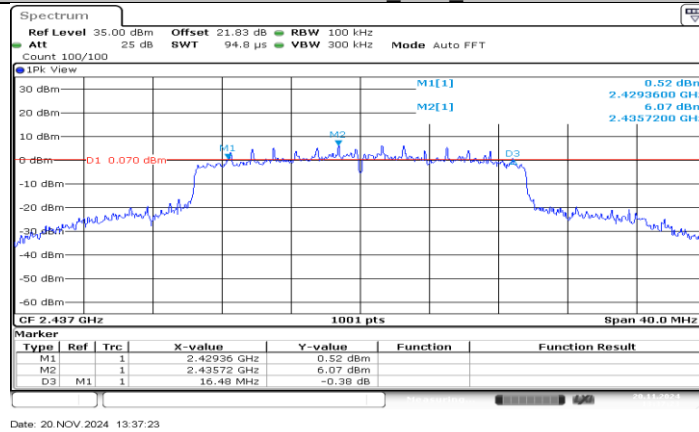
11N40SISO_Ant3_2437



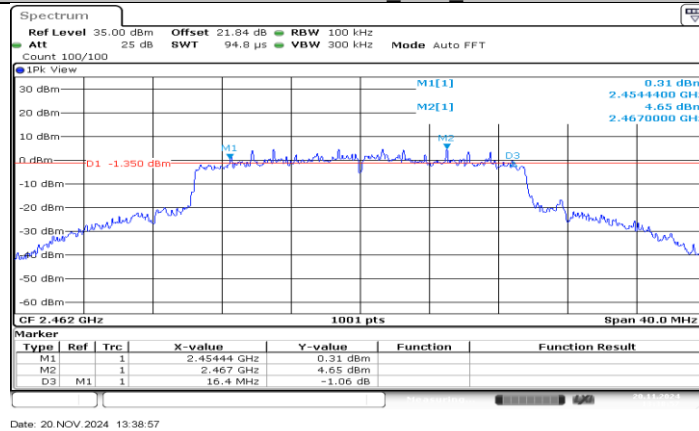
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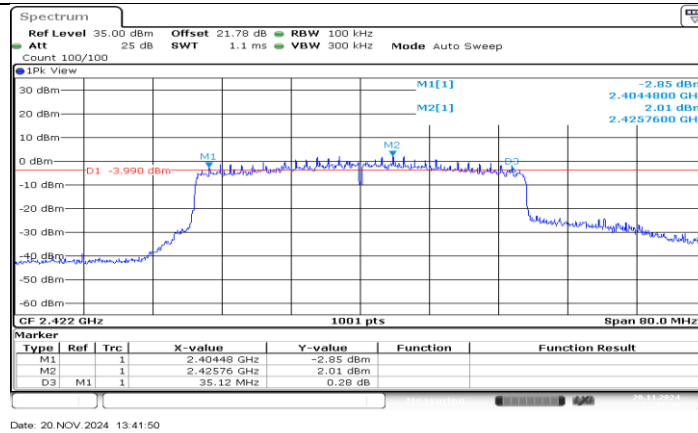
11AX20SISO SU_Ant3_2412



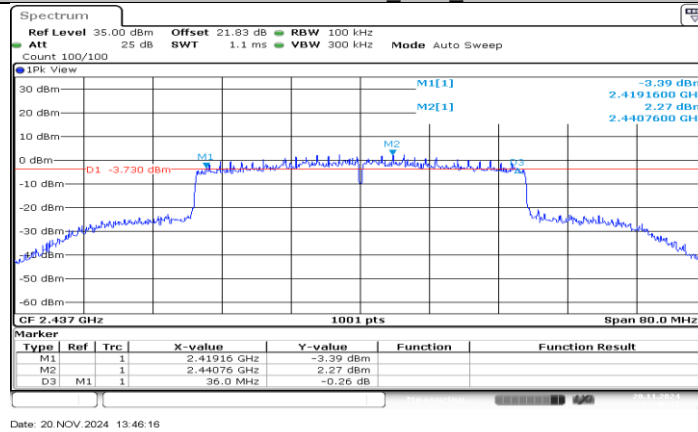
11AX20SISO SU_Ant3_2437



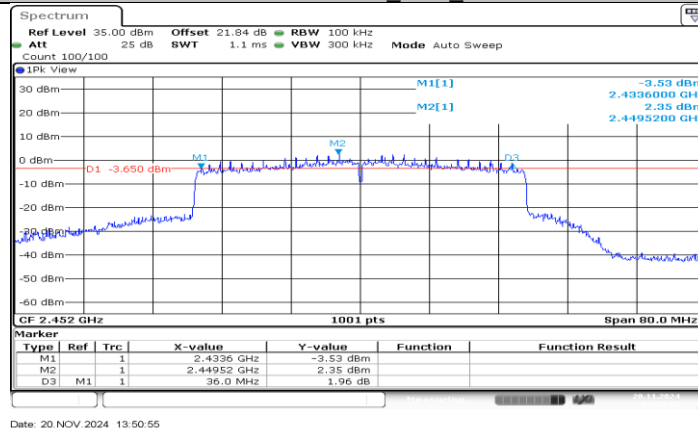
11AX20SISO SU_Ant3_2462



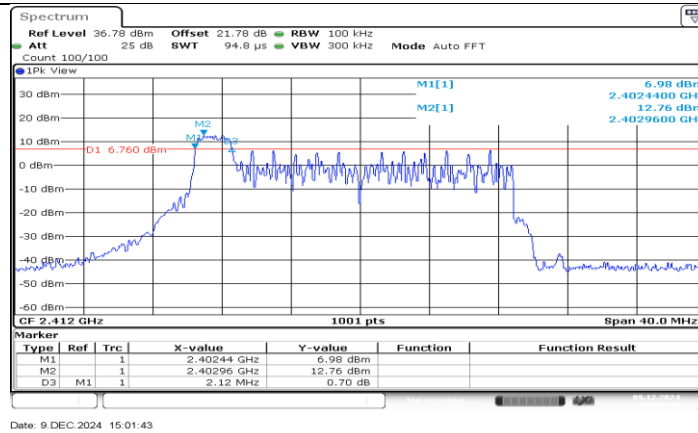
11AX40SISO SU_Ant3_2422



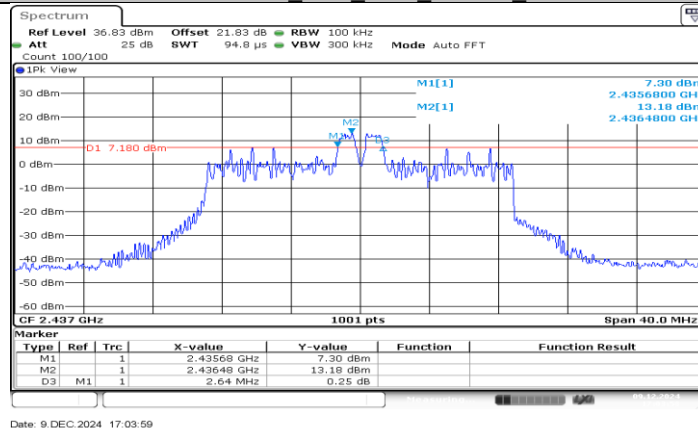
11AX40SISO SU_Ant3_2437



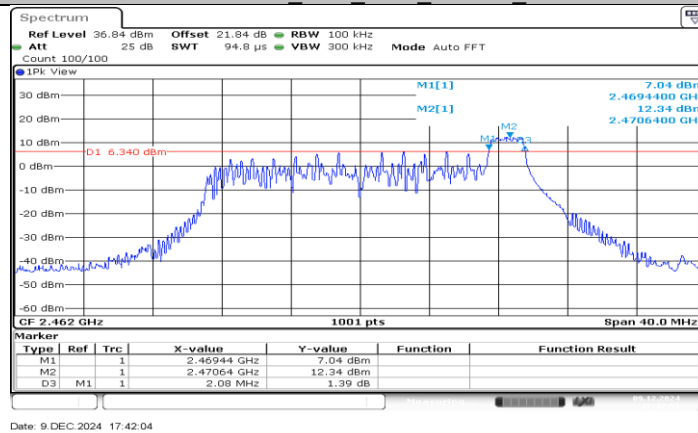
11AX40SISO SU_Ant3_2452



11AX20SISO Ant3_2412_26Tone_RU0



11AX20SISO Ant3_2437_26Tone_RU4



11AX20SISO Ant3_2462_26Tone_RU8

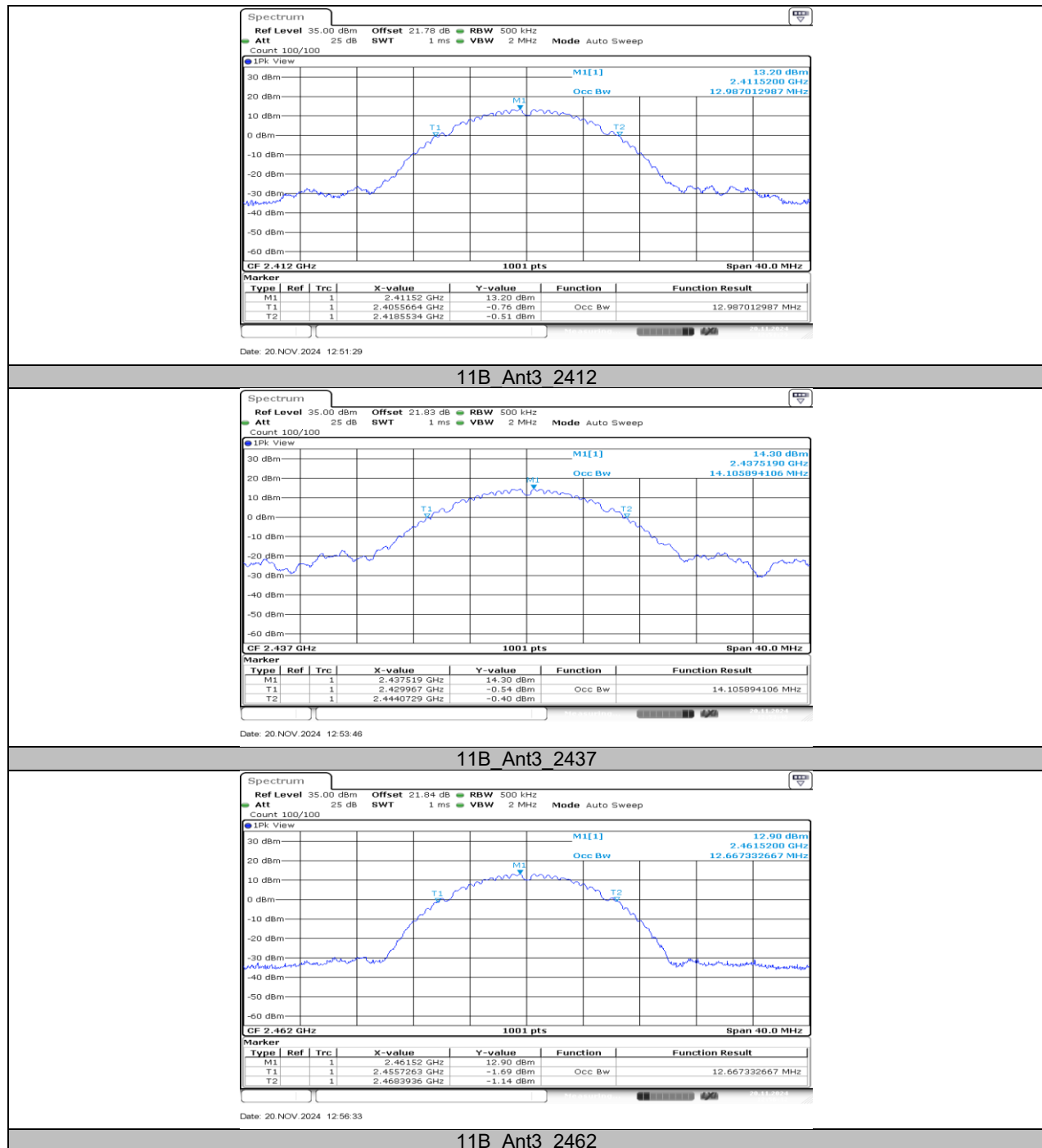
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

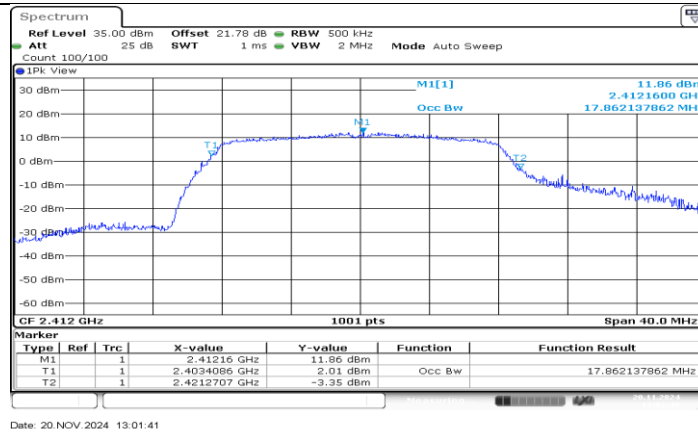
11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant3	2412	12.987	2405.5664	2418.5534	PASS
		2437	14.106	2429.9670	2444.0729	PASS
		2462	12.667	2455.7263	2468.3936	PASS
11G	Ant3	2412	17.862	2403.4086	2421.2707	PASS
		2437	18.422	2427.8092	2446.2308	PASS
		2462	17.742	2453.2088	2470.9510	PASS
11N20SISO	Ant3	2412	18.581	2402.9291	2421.5105	PASS
		2437	19.261	2427.2897	2446.5504	PASS
		2462	18.781	2452.6094	2471.3906	PASS
11N40SISO	Ant3	2422	37.163	2403.7782	2440.9411	PASS
		2437	37.483	2418.3786	2455.8611	PASS
		2452	37.163	2433.3786	2470.5415	PASS
11AX20SISO SU	Ant3	2412	18.901	2402.6094	2421.5105	PASS
		2437	19.221	2427.4496	2446.6703	PASS
		2462	19.261	2452.4096	2471.6703	PASS
11AX40SISO SU	Ant3	2422	37.962	2403.1389	2441.1009	PASS
		2437	38.042	2418.0589	2456.1009	PASS
		2452	37.962	2432.9790	2470.9411	PASS

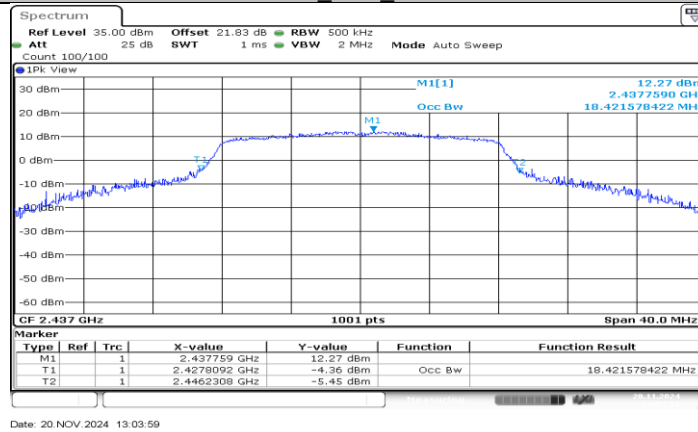
Note: Only the max OCB of SU mode was performed in the report.

11.2.2. Test Graphs

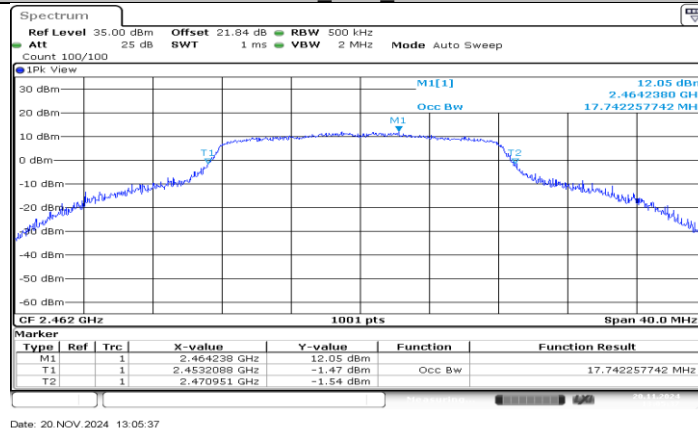




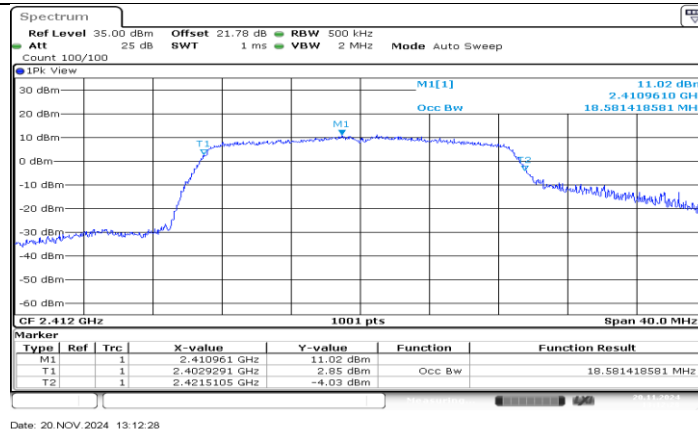
11G_Ant3_2412



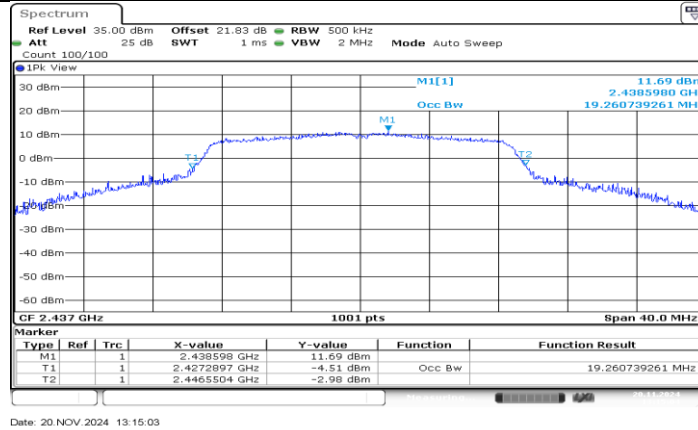
11G_Ant3_2437



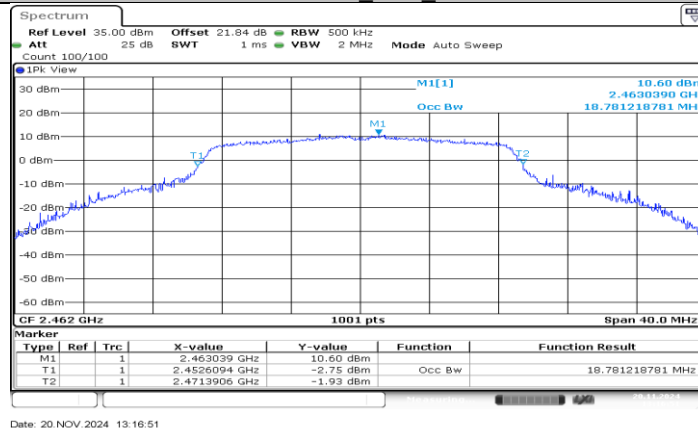
11G_Ant3_2462



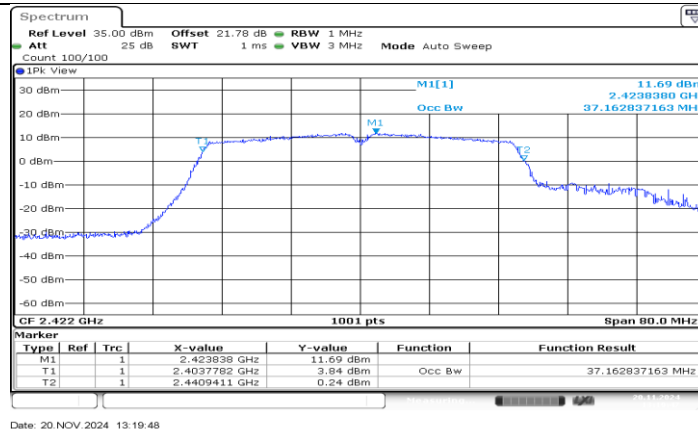
11N20SISO_Ant3_2412



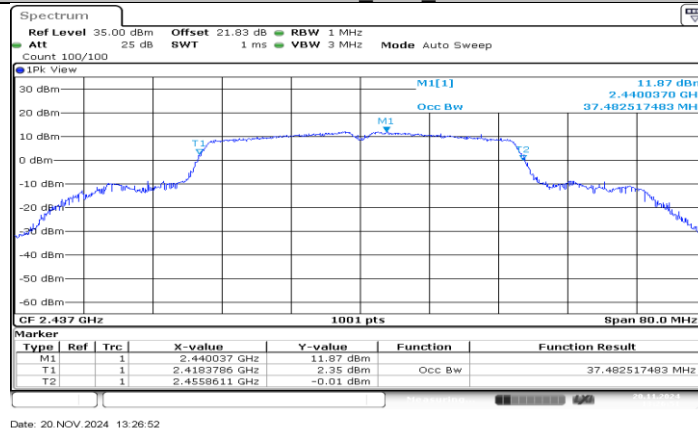
11N20SISO_Ant3_2437



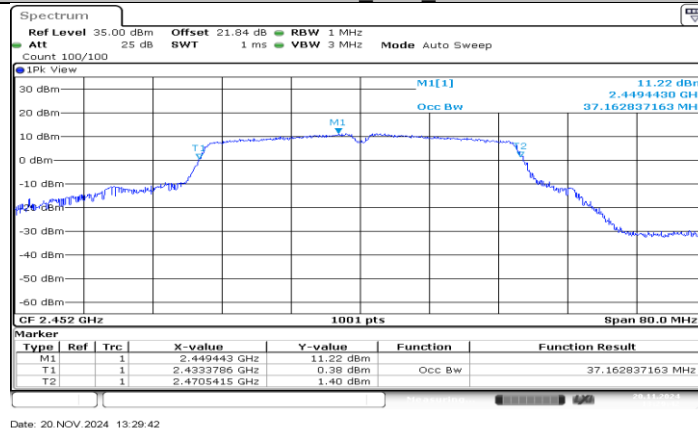
11N20SISO_Ant3_2462



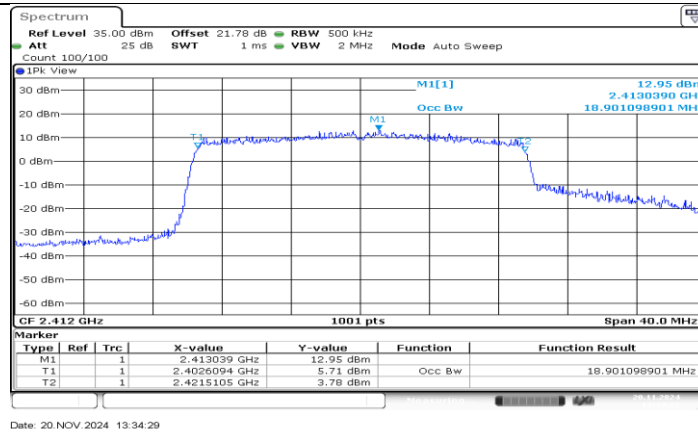
11N40SISO_Ant3_2422



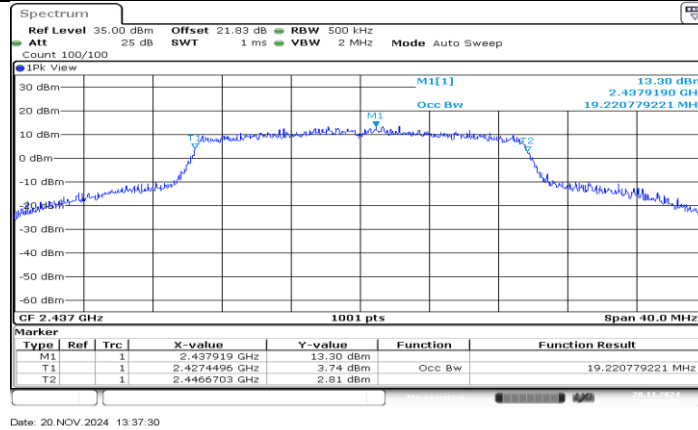
11N40SISO_Ant3_2437



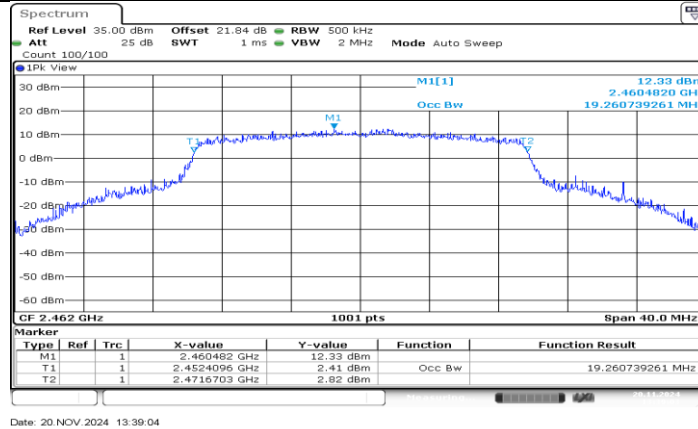
11N40SISO_Ant3_2452



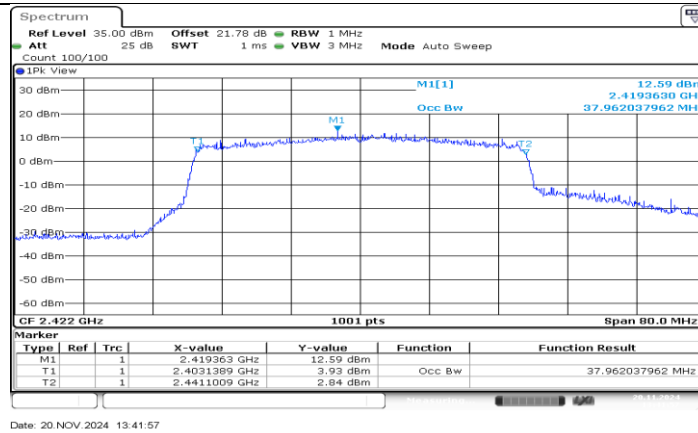
11AX20SISO SU_Ant3_2412



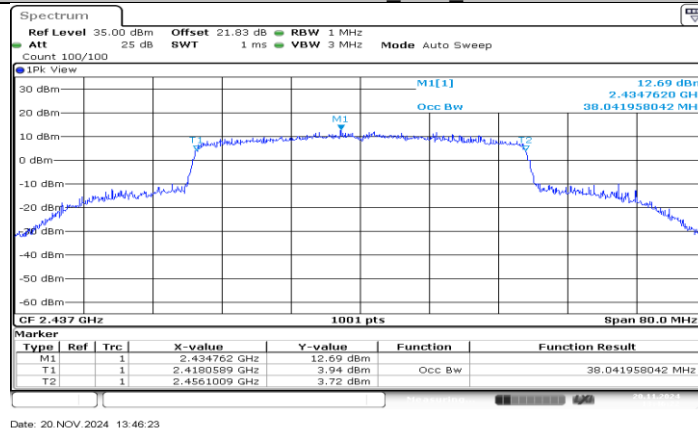
11AX20SISO SU_Ant3_2437



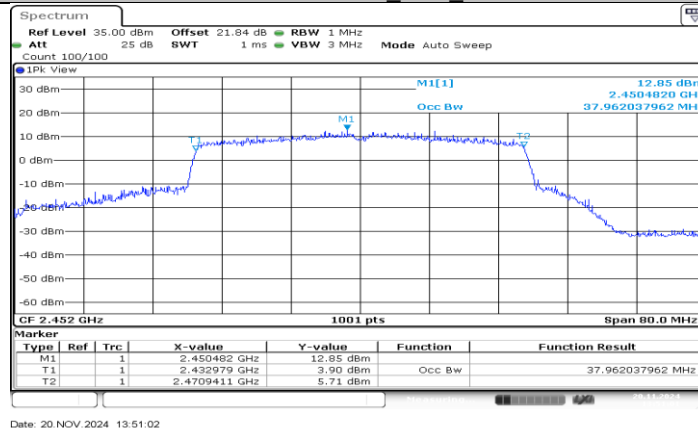
11AX20SISO SU_Ant3_2462



11AX40SISO SU_Ant3_2422



11AX40SISO SU_Ant3_2437



11AX40SISO SU_Ant3_2452

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant3	2412	20.52	≤30.00	PASS
		2437	20.60	≤30.00	PASS
		2462	19.88	≤30.00	PASS
11G	Ant3	2412	16.08	≤30.00	PASS
		2437	17.17	≤30.00	PASS
		2462	16.72	≤30.00	PASS
11N20SISO	Ant3	2412	15.91	≤30.00	PASS
		2437	16.07	≤30.00	PASS
		2462	15.56	≤30.00	PASS
11N40SISO	Ant3	2422	14.82	≤30.00	PASS
		2437	16.50	≤30.00	PASS
		2452	15.82	≤30.00	PASS
11AX20SISO SU	Ant3	2412	16.26	≤30.00	PASS
		2437	17.32	≤30.00	PASS
		2462	16.66	≤30.00	PASS
11AX40SISO SU	Ant3	2422	15.00	≤30.00	PASS
		2437	16.67	≤30.00	PASS
		2452	16.15	≤30.00	PASS

Test Mode	Antenna	Channel	Ru Size	Ru Index	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11AX20SISO	Ant3	2412	26Tone	RU0	18.20	≤30.00	PASS
			52Tone	RU37	17.42	≤30.00	PASS
			106Tone	RU53	14.48	≤30.00	PASS
		2437	26Tone	RU4	18.51	≤30.00	PASS
			52Tone	RU38	17.00	≤30.00	PASS
			106Tone	RU53	14.59	≤30.00	PASS
		2462	26Tone	RU8	16.22	≤30.00	PASS
			52Tone	RU40	15.34	≤30.00	PASS
			106Tone	RU54	12.76	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

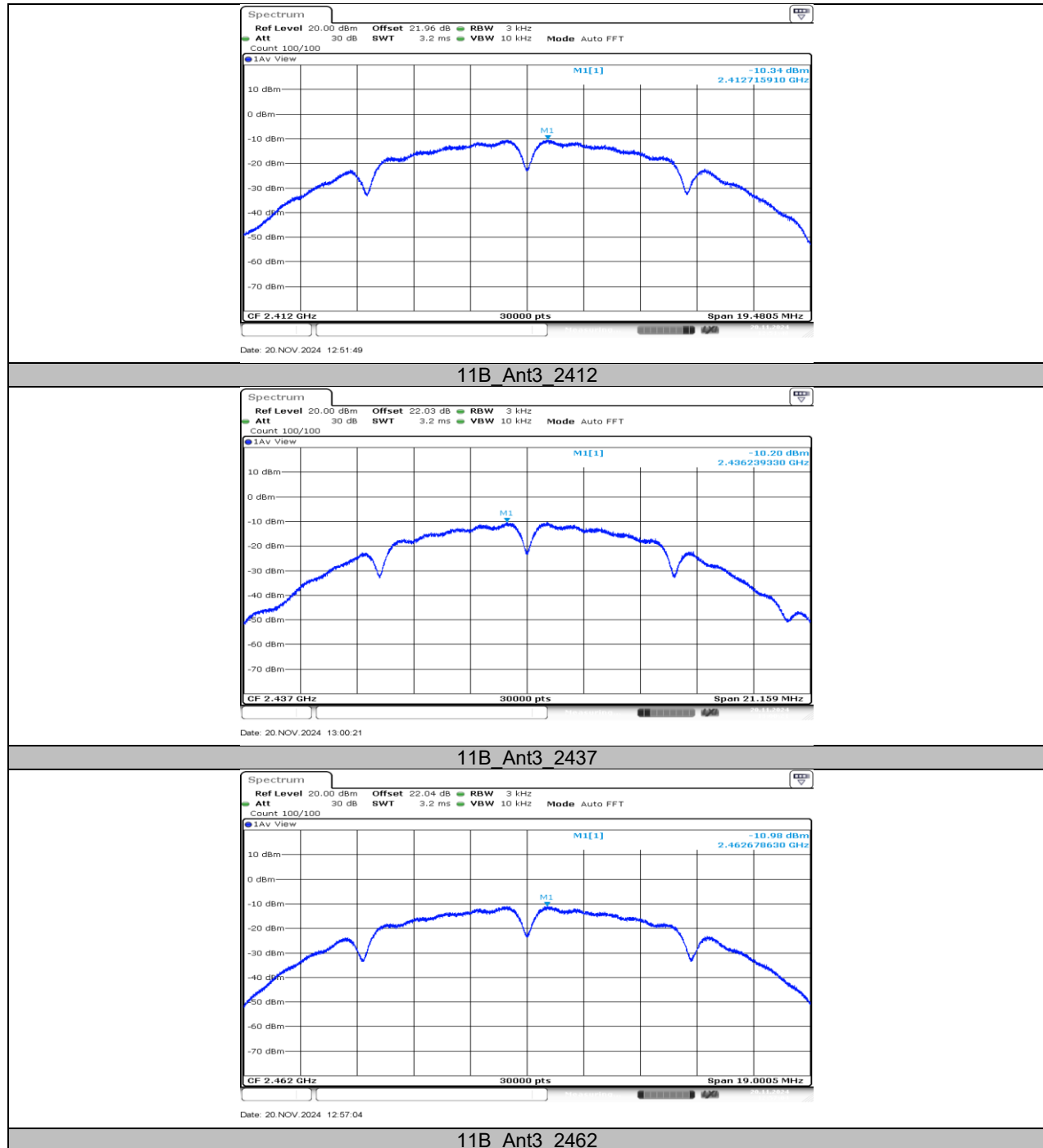
11.4.1. Test Result

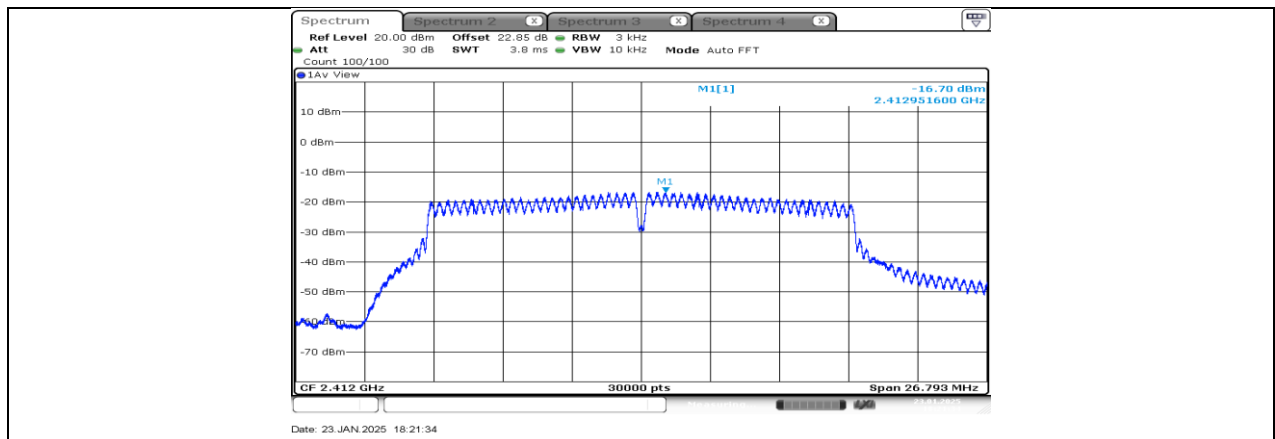
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant3	2412	-10.34	≤8.00	PASS
		2437	-10.20	≤8.00	PASS
		2462	-10.98	≤8.00	PASS
11G	Ant3	2412	-16.70	≤8.00	PASS
		2437	-15.09	≤8.00	PASS
		2462	-15.86	≤8.00	PASS
11N20SISO	Ant3	2412	-16.97	≤8.00	PASS
		2437	-16.40	≤8.00	PASS
		2462	-16.94	≤8.00	PASS
11N40SISO	Ant3	2422	-18.94	≤8.00	PASS
		2437	-17.16	≤8.00	PASS
		2452	-18.23	≤8.00	PASS
11AX20SISO SU	Ant3	2412	-14.90	≤8.00	PASS
		2437	-12.82	≤8.00	PASS
		2462	-14.64	≤8.00	PASS
11AX40SISO SU	Ant3	2422	-19.65	≤8.00	PASS
		2437	-18.38	≤8.00	PASS
		2452	-18.59	≤8.00	PASS

TestMode	Antenna	Channel	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20SISO	Ant3	2412	26Tone	RU0	-7.18	≤8.00	PASS
			52Tone	RU37	-10.07	≤8.00	PASS
			106Tone	RU53	-13.82	≤8.00	PASS
		2437	26Tone	RU4	-6.81	≤8.00	PASS
			52Tone	RU38	-7.70	≤8.00	PASS
			106Tone	RU53	-12.86	≤8.00	PASS
		2462	26Tone	RU8	-9.54	≤8.00	PASS
			52Tone	RU40	-12.30	≤8.00	PASS
			106Tone	RU54	-16.41	≤8.00	PASS

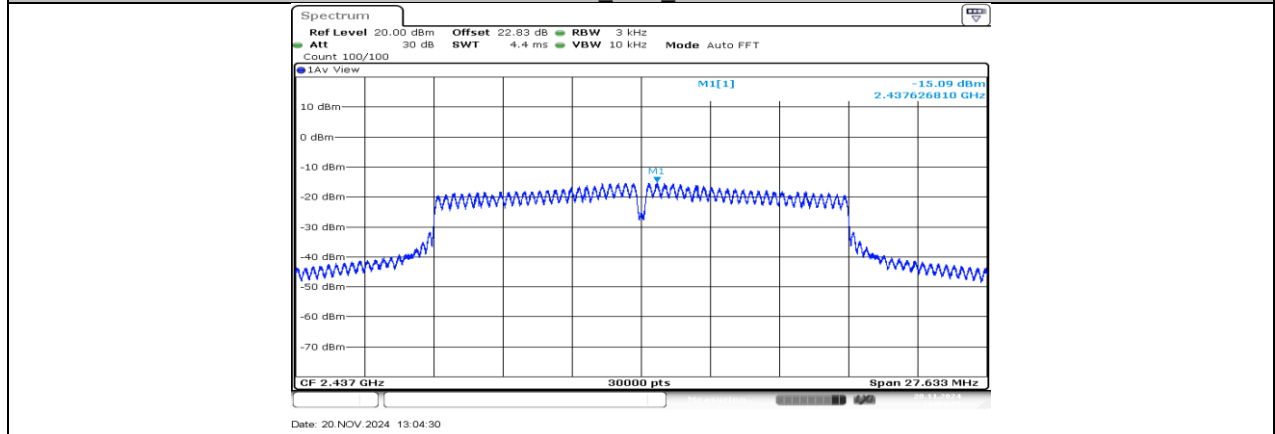
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

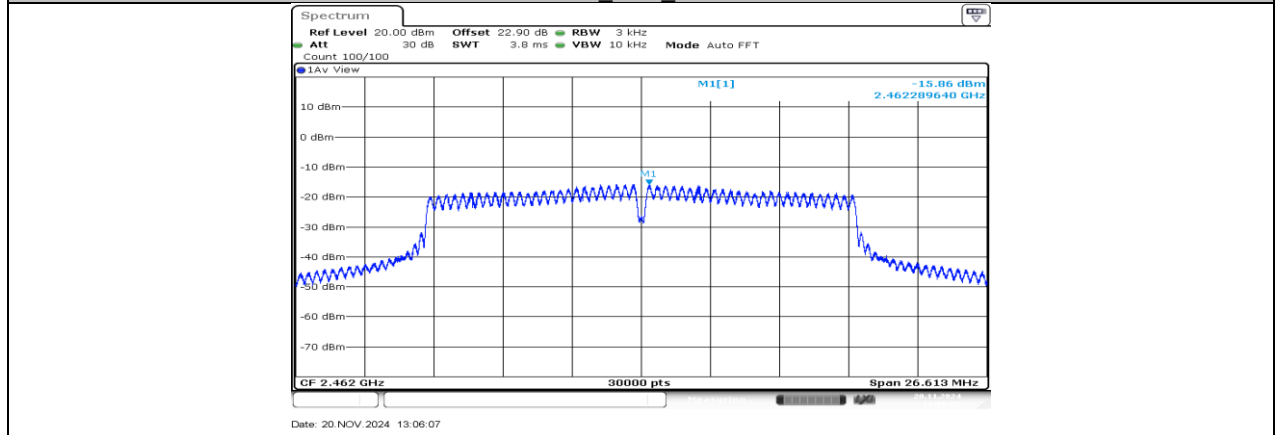




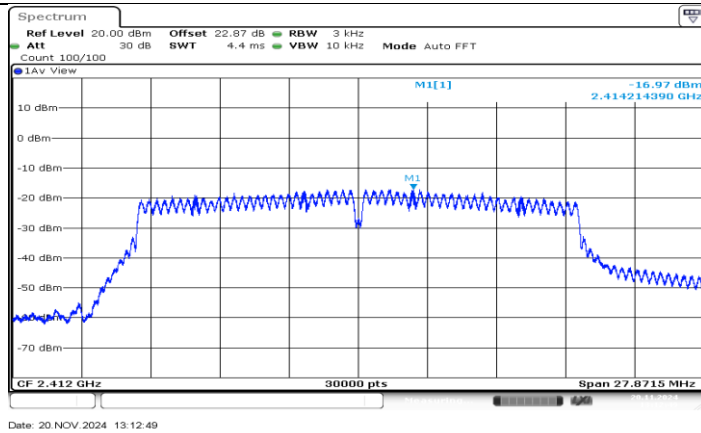
11G_Ant3_2412



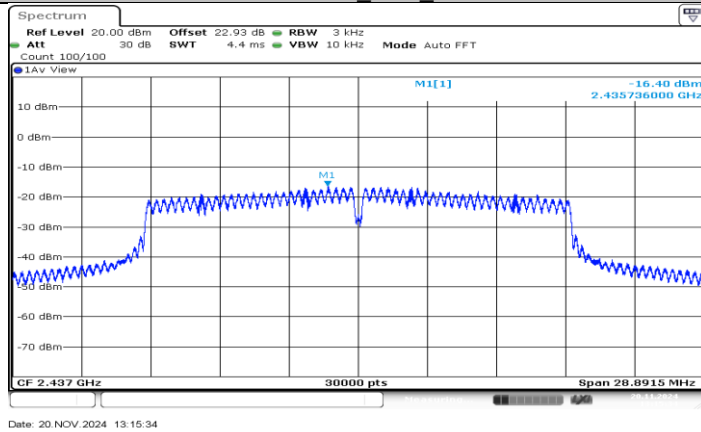
11G_Ant3_2437



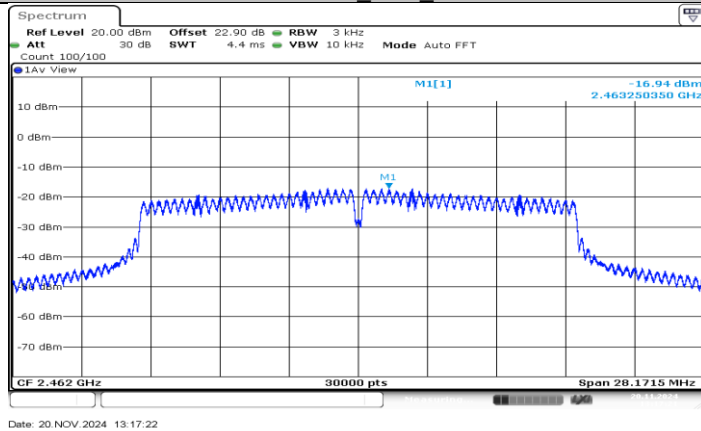
11G_Ant3_2462



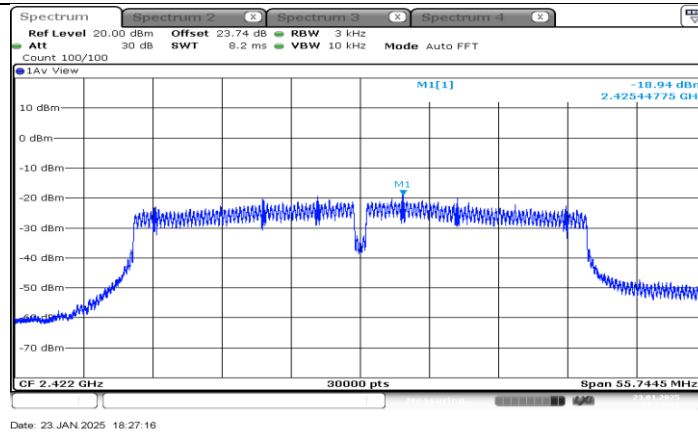
11N20SISO_Ant3_2412



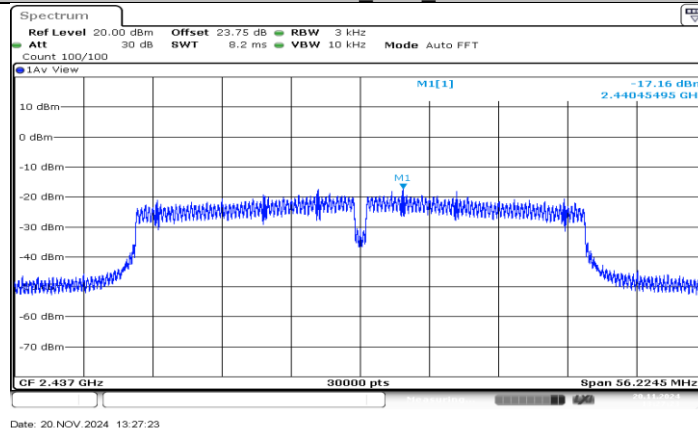
11N20SISO_Ant3_2437



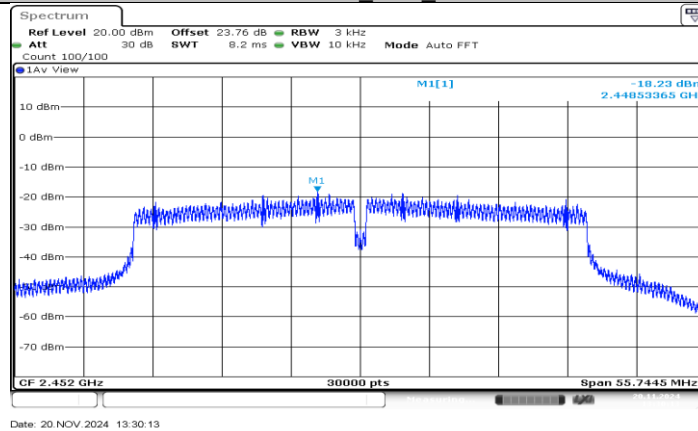
11N20SISO_Ant3_2462



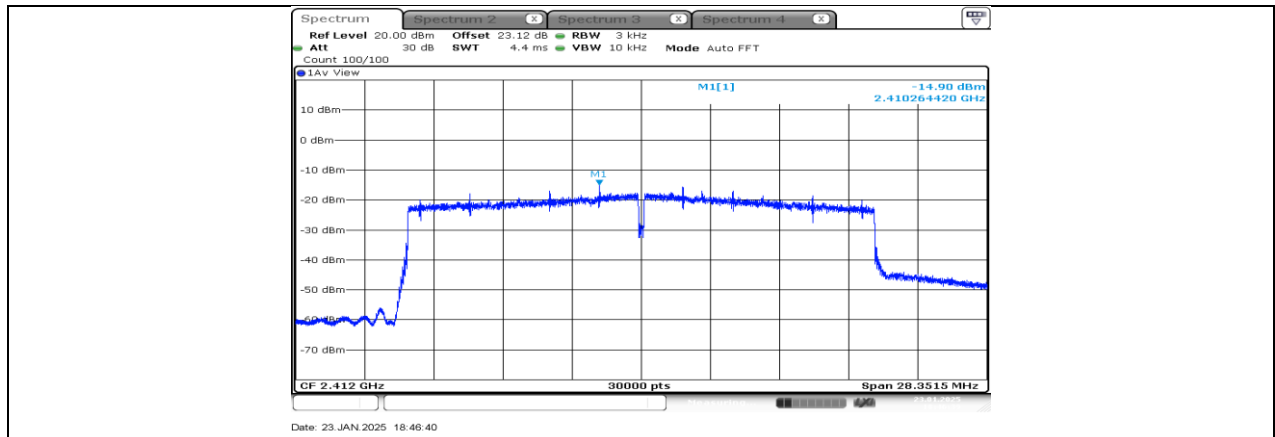
11N40SISO_Ant3_2422



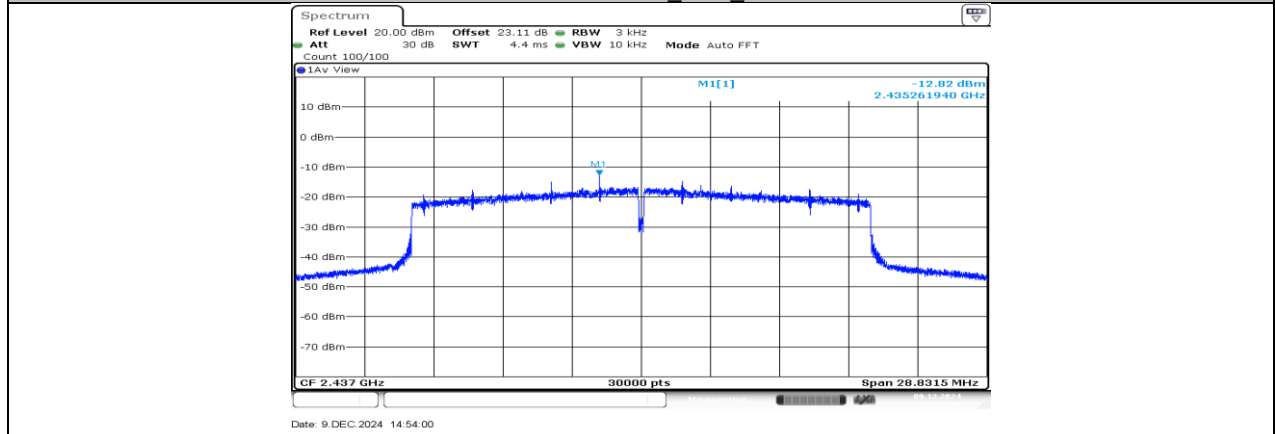
11N40SISO_Ant3_2437



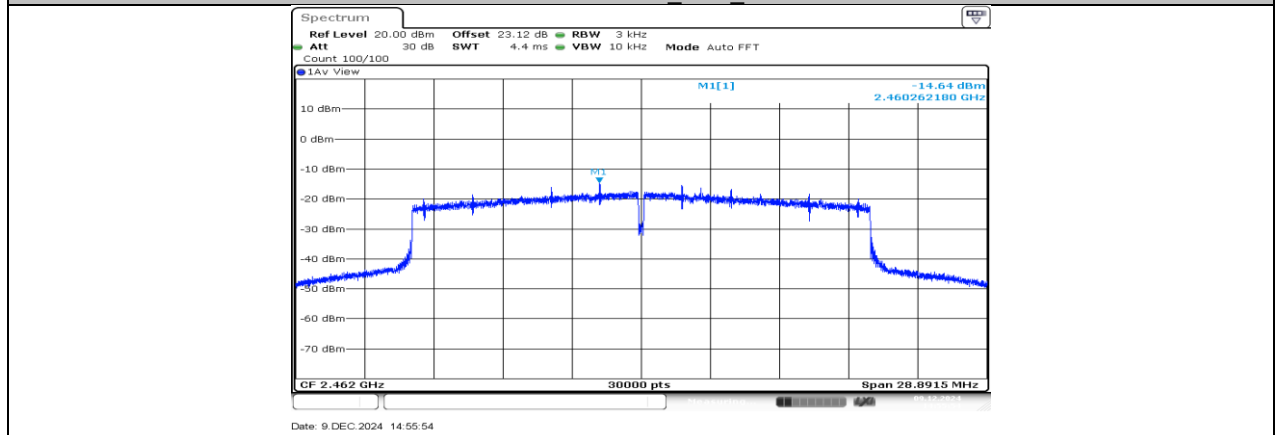
11N40SISO_Ant3_2452



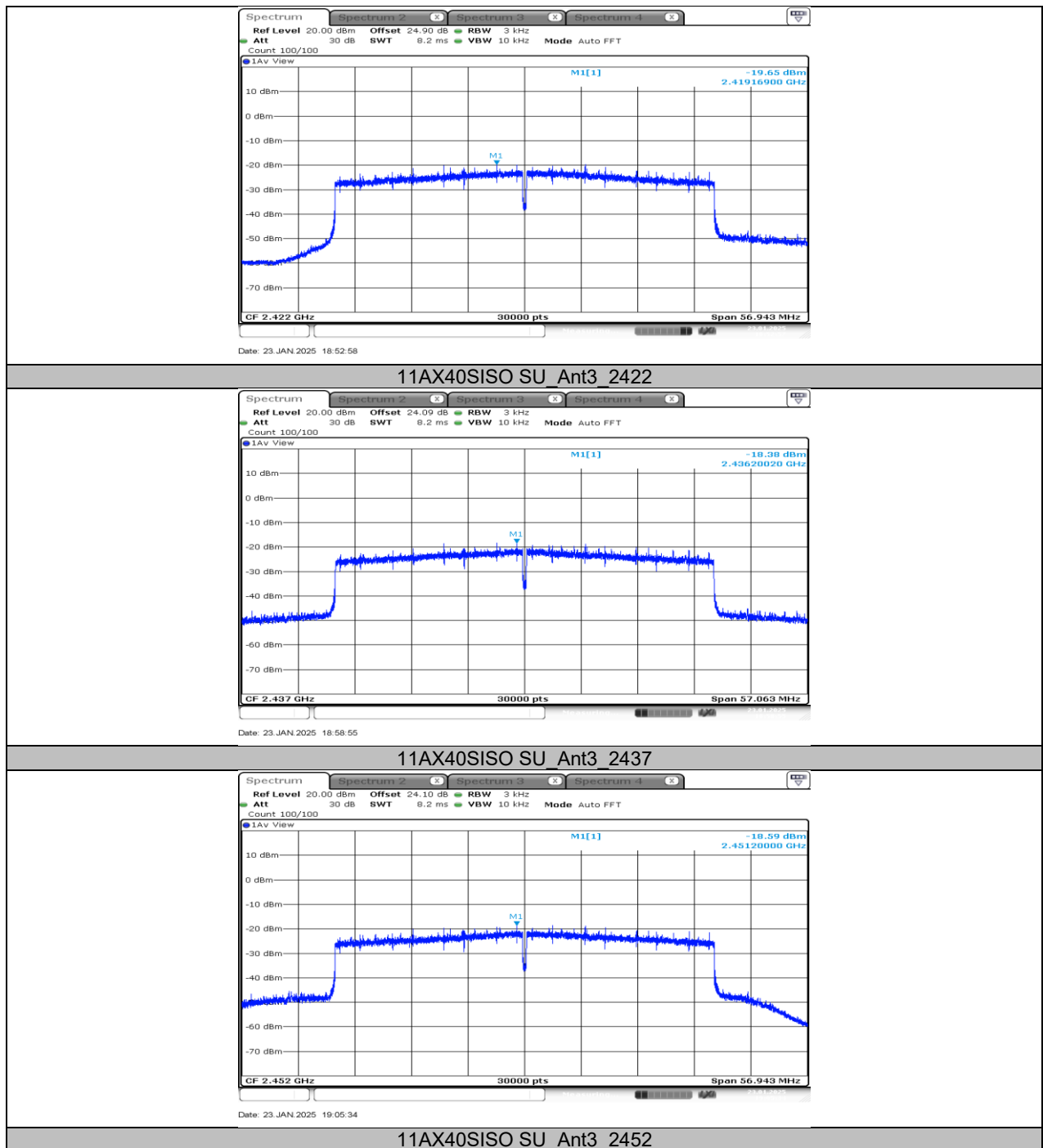
11AX20SISO SU_Ant3_2412

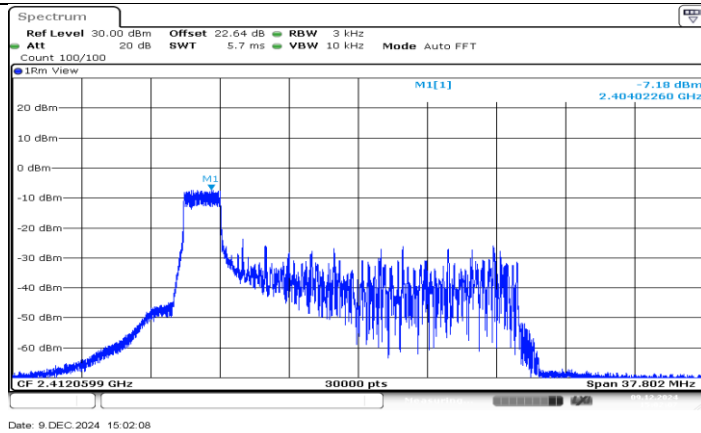


11AX20SISO SU_Ant3_2437

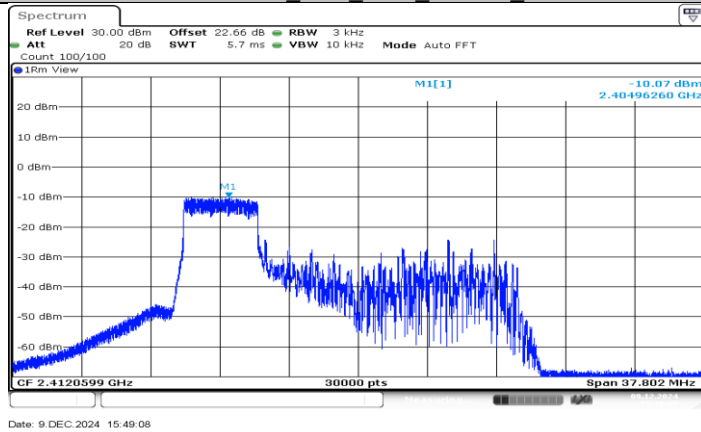


11AX20SISO SU_Ant3_2462

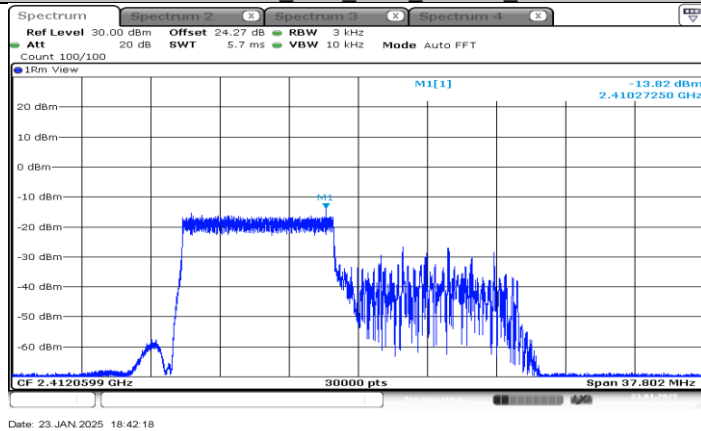




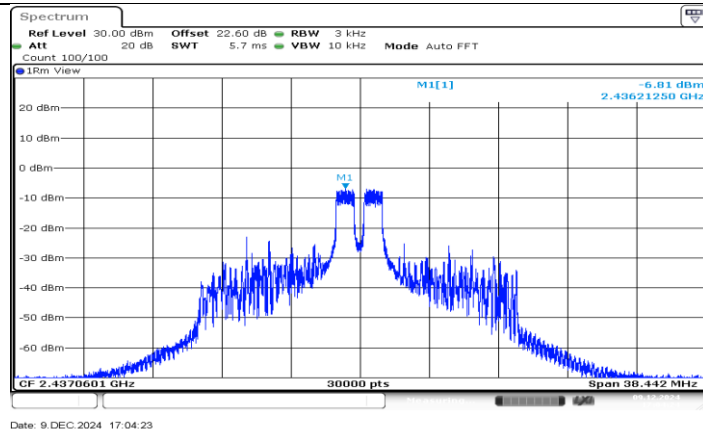
11AX20SISO_Ant3_2412_26Tone_RU0



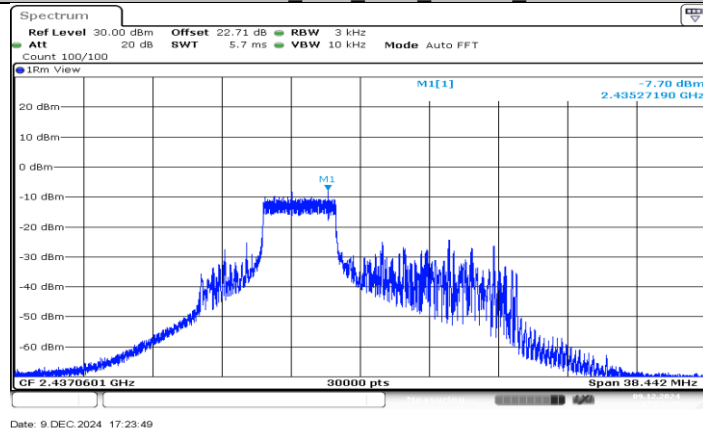
11AX20SISO_Ant3_2412_52Tone_RU37



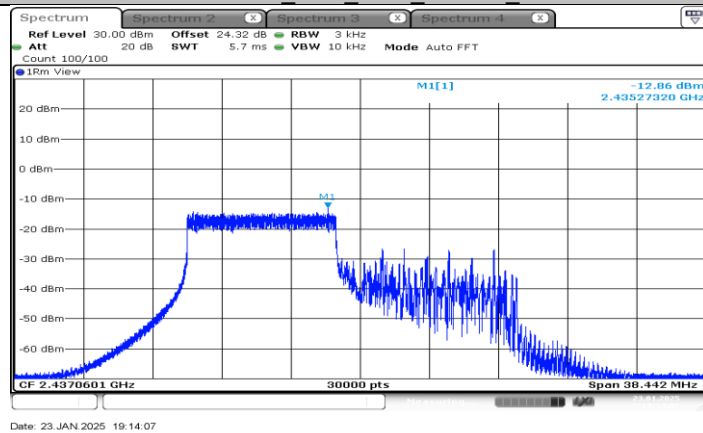
11AX20SISO_Ant3_2412_106Tone_RU53



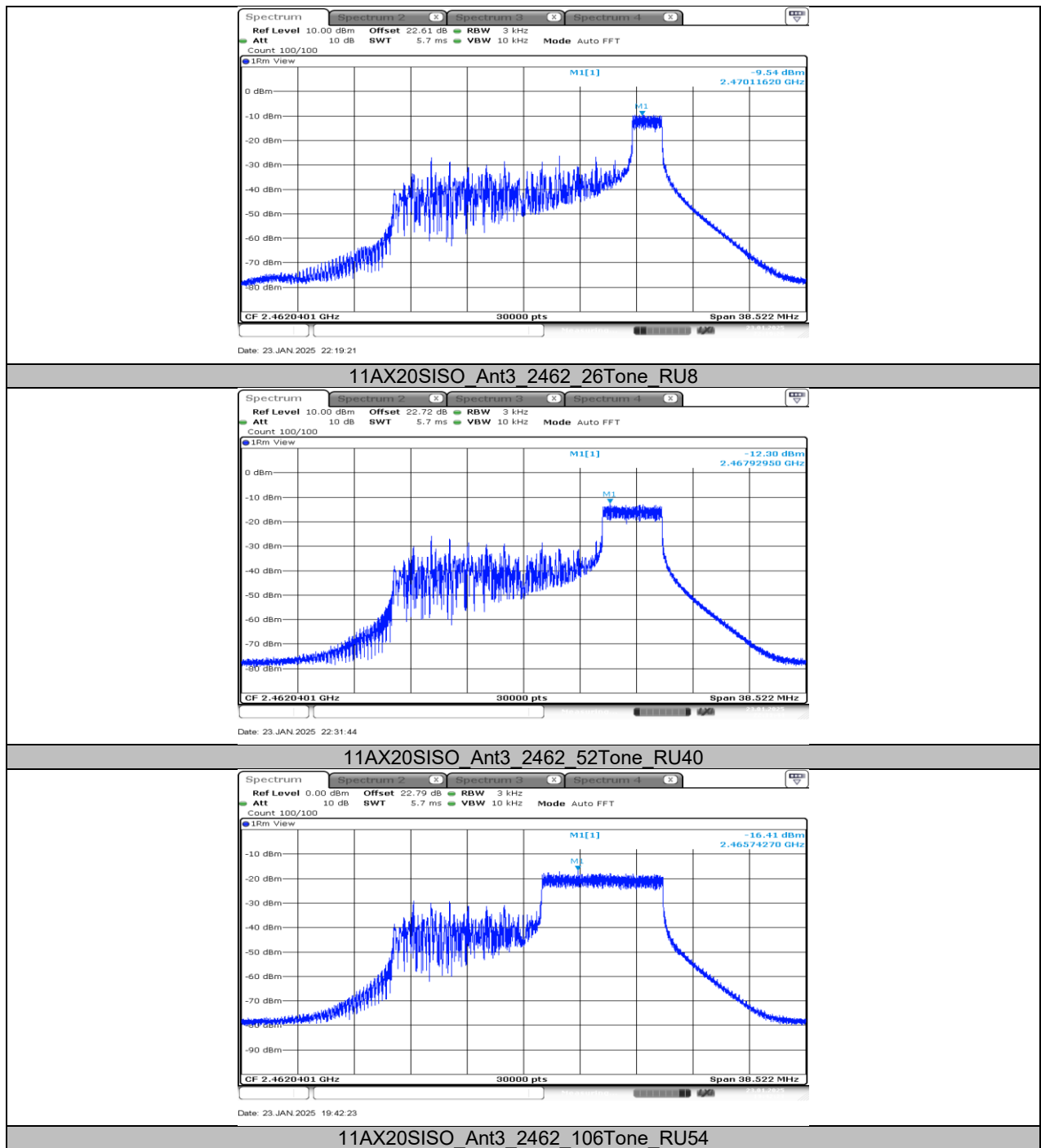
11AX20SISO Ant3_2437_26Tone_RU4



11AX20SISO Ant3_2437_52Tone_RU38



11AX20SISO Ant3_2437_106Tone_RU53



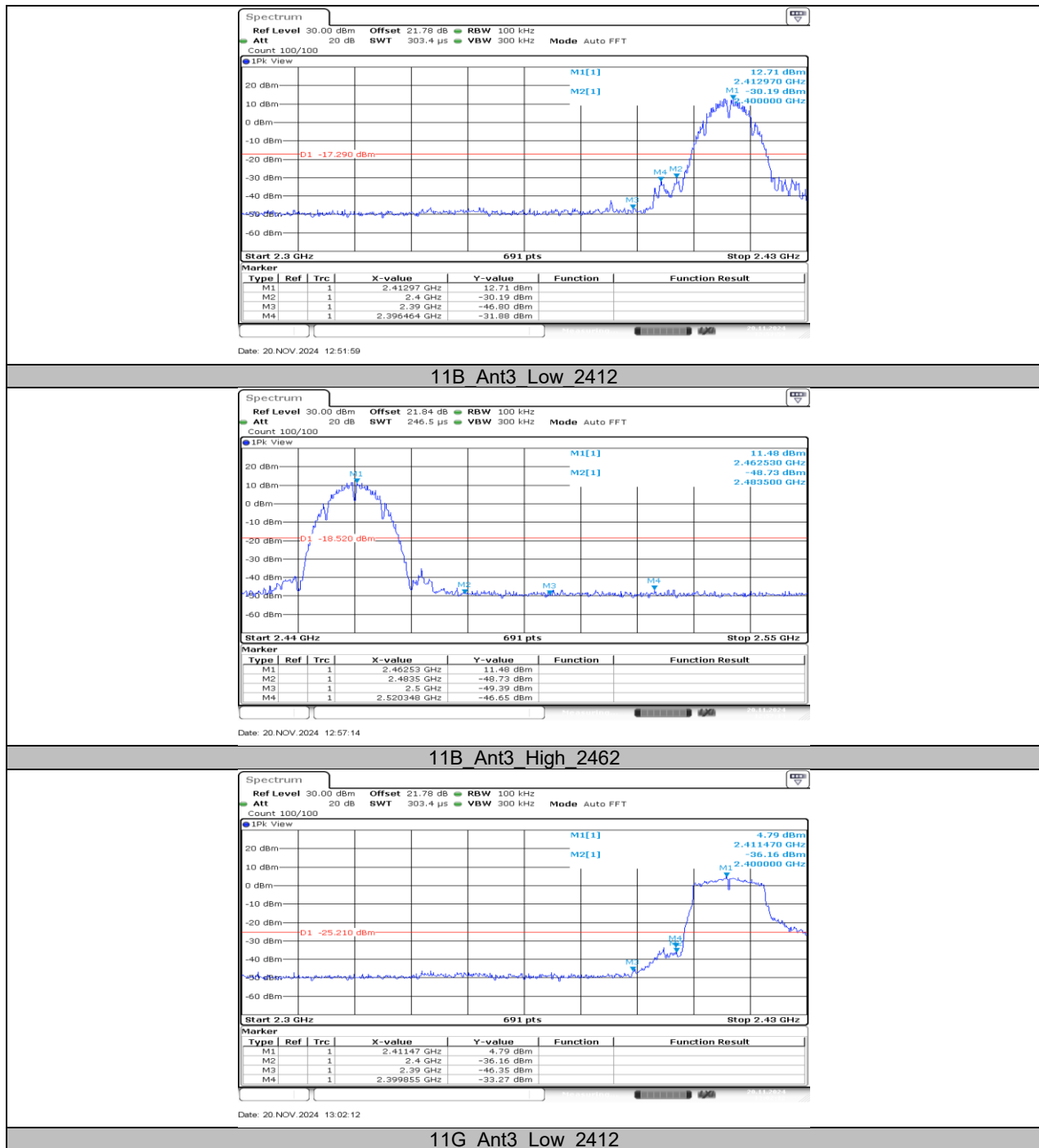
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

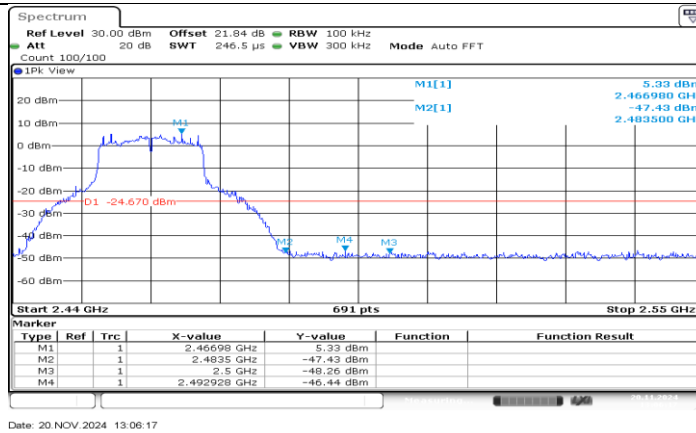
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant3	Low	2412	12.71	-31.88	≤-17.29	PASS
		High	2462	11.48	-46.65	≤-18.52	PASS
11G	Ant3	Low	2412	4.79	-33.27	≤-25.21	PASS
		High	2462	5.33	-46.44	≤-24.67	PASS
11N20SISO	Ant3	Low	2412	5.97	-37.62	≤-24.03	PASS
		High	2462	5.20	-45.5	≤-24.8	PASS
11N40SISO	Ant3	Low	2422	3.04	-33.14	≤-26.96	PASS
		High	2452	3.27	-44.27	≤-26.73	PASS
11AX20SISO SU	Ant3	Low	2412	6.69	-40.68	≤-23.31	PASS
		High	2462	5.62	-45.44	≤-24.38	PASS
11AX40SISO SU	Ant3	Low	2422	4.70	-30.76	≤-25.3	PASS
		High	2452	3.66	-44.56	≤-26.34	PASS

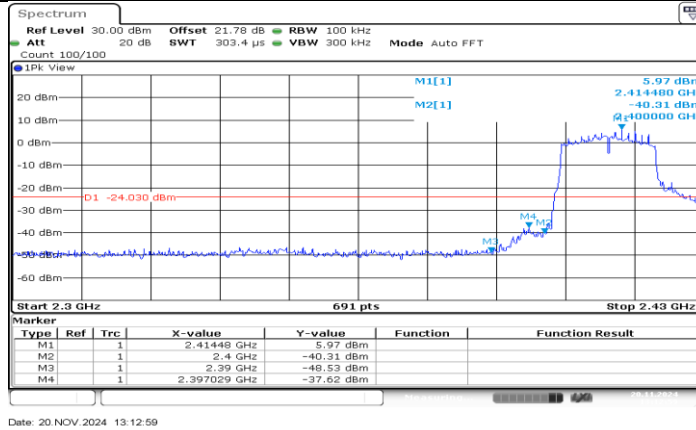
TestMode	Antenna	ChName	Channel	Ru Size	Ru Index	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20SISO	Ant3	Low	2412	26Tone	RU0	13.67	-27.96	≤-16.33	PASS
				52Tone	RU37	9.69	-25.49	≤-20.31	PASS
				106Tone	RU53	7.19	-25.15	≤-22.81	PASS
		High	2462	26Tone	RU8	12.50	-41.06	≤-17.5	PASS
				52Tone	RU40	9.37	-44.07	≤-20.63	PASS
				106Tone	RU54	6.87	-41.17	≤-23.13	PASS

11.5.2. Test Graphs

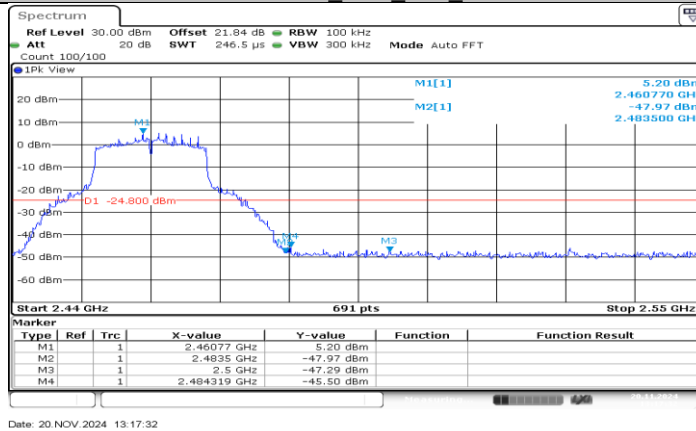




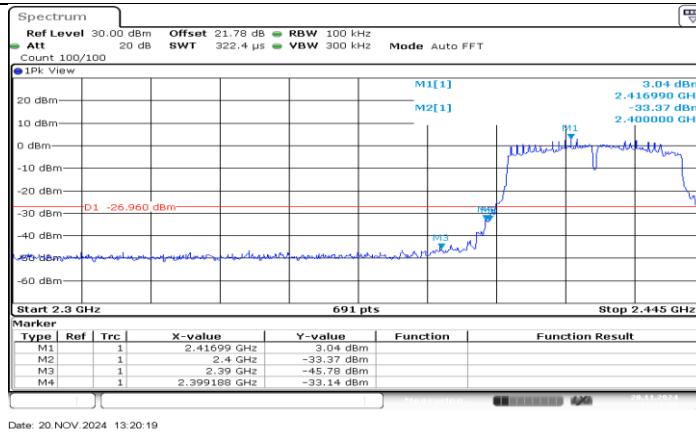
11G_Ant3_High_2462



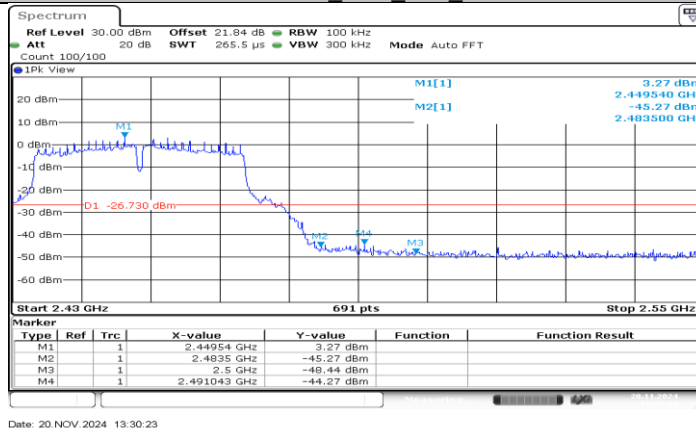
11N20SISO_Ant3_Low_2412



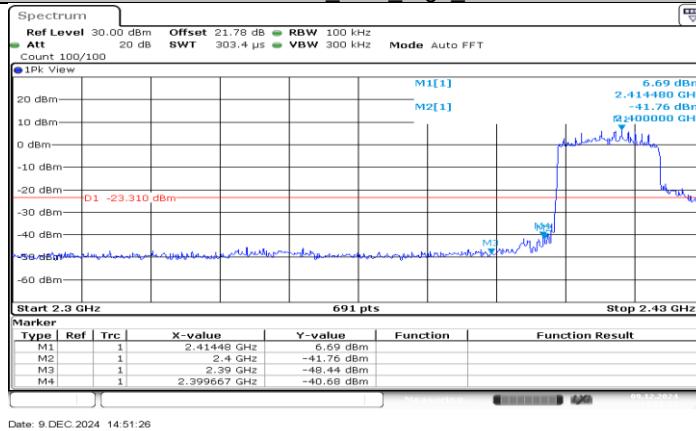
11N20SISO_Ant3_High_2462



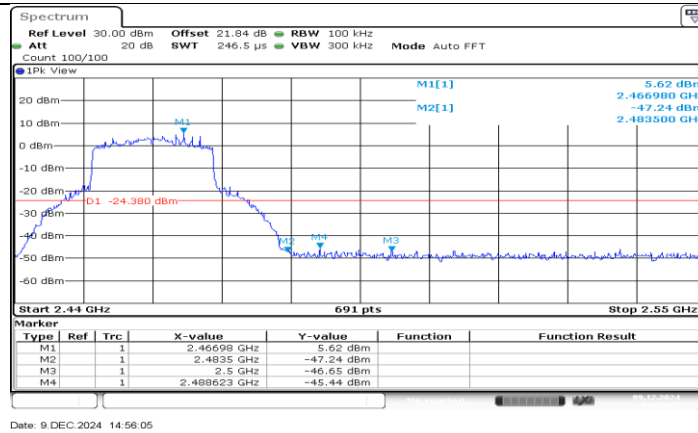
11N40SISO Ant3 Low 2422



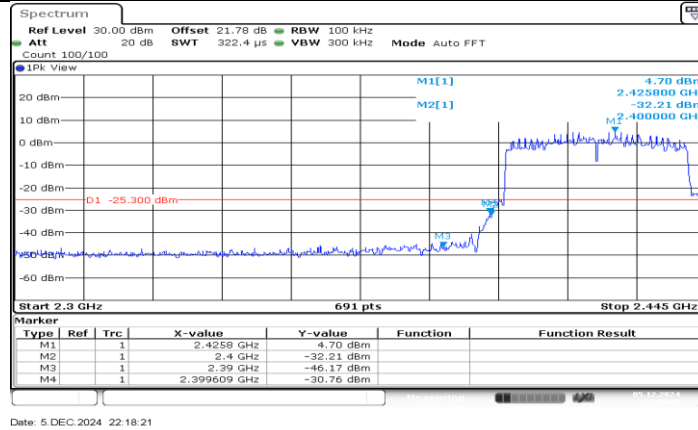
11N40SISO Ant3 High 2452



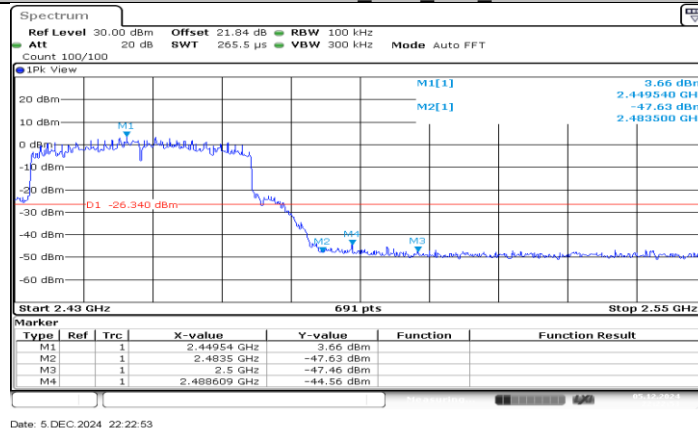
11AX20SISO SU_Ant3 Low 2412



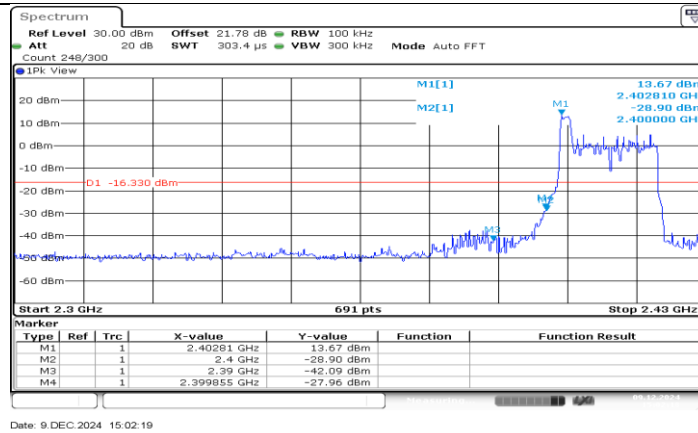
11AX20SISO SU_Ant3_High_2462



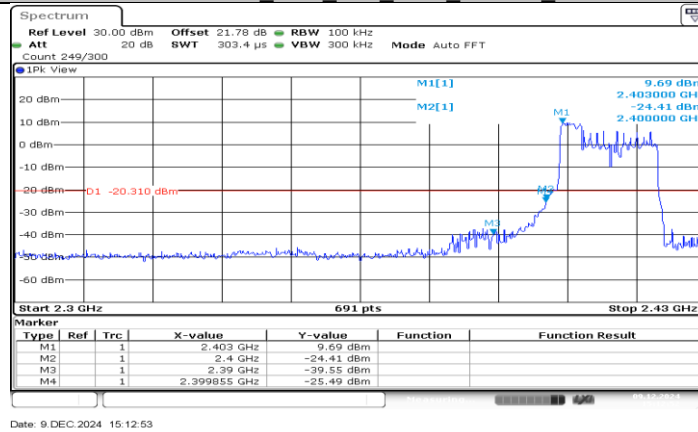
11AX40SISO SU_Ant3_Low_2422



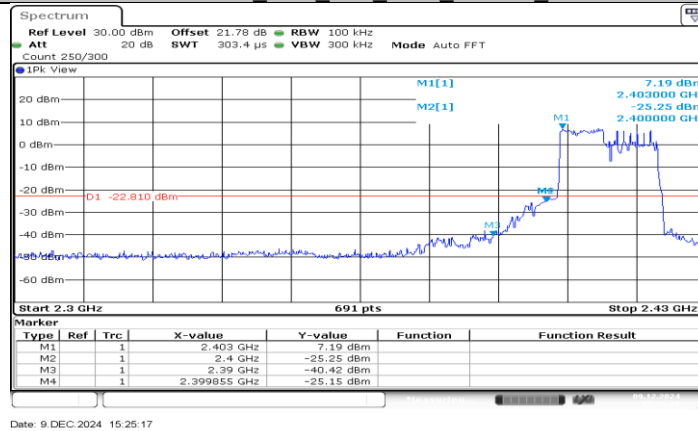
11AX40SISO SU_Ant3_High_2452



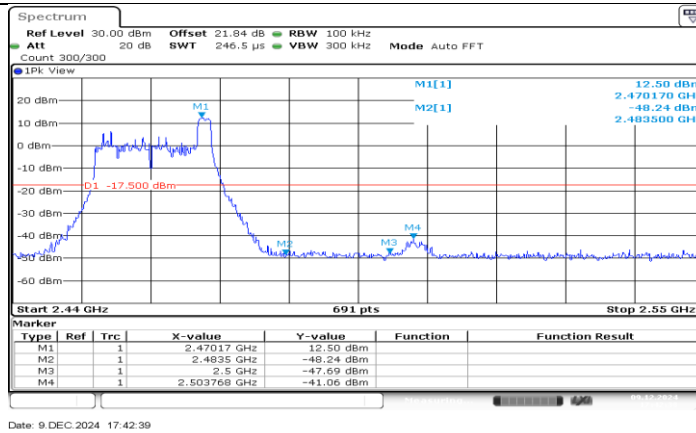
11AX20SISO_Ant3_Low_2412_26Tone_RU0



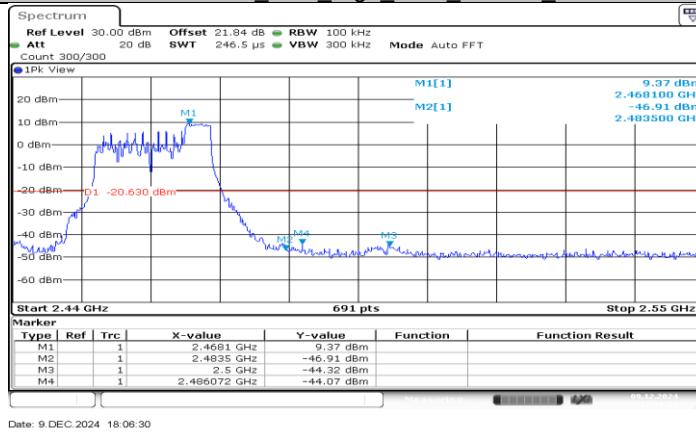
11AX20SISO_Ant3_Low_2412_52Tone_RU37



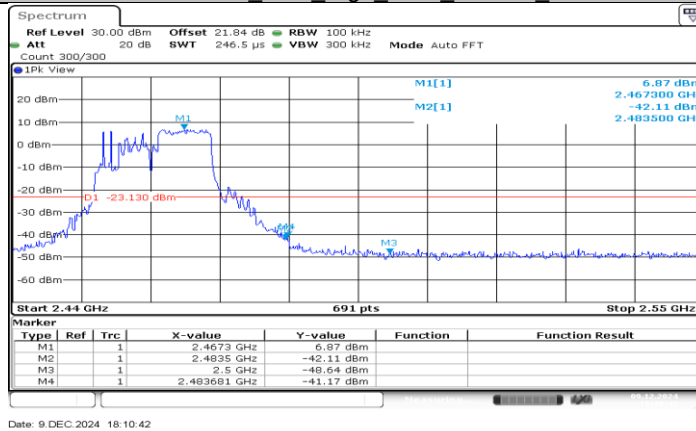
11AX20SISO_Ant3_Low_2412_106Tone_RU53



11AX20SISO_Ant3_High_2462_26Tone_RU8



11AX20SISO_Ant3_High_2462_52Tone_RU40



11AX20SISO_Ant3_High_2462_106Tone_RU54

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant3	2412	Reference	12.70	---	PASS
			30~1000	-45.58	≤ -17.3	PASS
			1000~26500	-40.27	≤ -17.3	PASS
		2437	Reference	13.84	---	PASS
			30~1000	-46.04	≤ -16.16	PASS
			1000~26500	-40.43	≤ -16.16	PASS
		2462	Reference	12.02	---	PASS
			30~1000	-44.93	≤ -17.98	PASS
			1000~26500	-40.28	≤ -17.98	PASS
11G	Ant3	2412	Reference	7.41	---	PASS
			30~1000	-45.56	≤ -22.59	PASS
			1000~26500	-40.07	≤ -22.59	PASS
		2437	Reference	7.78	---	PASS
			30~1000	-45.96	≤ -22.22	PASS
			1000~26500	-40.71	≤ -22.22	PASS
		2462	Reference	7.24	---	PASS
			30~1000	-45.56	≤ -22.76	PASS
			1000~26500	-40.48	≤ -22.76	PASS
11N20SISO	Ant3	2412	Reference	6.40	---	PASS
			30~1000	-45.63	≤ -23.6	PASS
			1000~26500	-40.53	≤ -23.6	PASS
		2437	Reference	6.65	---	PASS
			30~1000	-45.67	≤ -23.35	PASS
			1000~26500	-40.57	≤ -23.35	PASS
		2462	Reference	6.17	---	PASS
			30~1000	-45.52	≤ -23.83	PASS
			1000~26500	-40.76	≤ -23.83	PASS
11N40SISO	Ant3	2422	Reference	3.89	---	PASS
			30~1000	-44.88	≤ -26.11	PASS
			1000~26500	-39.96	≤ -26.11	PASS
		2437	Reference	3.97	---	PASS
			30~1000	-45.91	≤ -26.03	PASS
			1000~26500	-40.31	≤ -26.03	PASS
		2452	Reference	2.78	---	PASS
			30~1000	-45.44	≤ -27.22	PASS
			1000~26500	-40.29	≤ -27.22	PASS
11AX20SISO SU	Ant3	2412	Reference	7.22	---	PASS
			30~1000	-54.99	≤ -22.78	PASS
			1000~26500	-50.49	≤ -22.78	PASS
		2437	Reference	7.62	---	PASS
			30~1000	-55.43	≤ -22.38	PASS
			1000~26500	-50.54	≤ -22.38	PASS
		2462	Reference	7.09	---	PASS
			30~1000	-55.69	≤ -22.91	PASS
			1000~26500	-50.48	≤ -22.91	PASS
11AX40SISO SU	Ant3	2422	Reference	4.45	---	PASS
			30~1000	-52.02	≤ -25.55	PASS
			1000~26500	-50.44	≤ -25.55	PASS
		2437	Reference	2.23	---	PASS
			30~1000	-45.62	≤ -27.77	PASS
			1000~26500	-40.09	≤ -27.77	PASS
		2452	Reference	3.69	---	PASS
			30~1000	-55.4	≤ -26.31	PASS
			1000~26500	-49.75	≤ -26.31	PASS

TestMode	Antenna	Channel	Ru Size	Ru Index	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20SISO	Ant3	2412	26Tone	RU0	Reference	12.88	12.88	---	PASS
				RU0	30~1000	12.88	-54.96	≤-17.12	PASS
				RU0	1000~26500	12.88	-50.96	≤-17.12	PASS
			52Tone	RU37	Reference	10.77	10.77	---	PASS
				RU37	30~1000	10.77	-55.36	≤-19.23	PASS
				RU37	1000~26500	10.77	-49.88	≤-19.23	PASS
			106Tone	RU53	Reference	8.24	8.24	---	PASS
				RU53	30~1000	8.24	-55.57	≤-21.76	PASS
				RU53	1000~26500	8.24	-49.85	≤-21.76	PASS
		2437	26Tone	RU4	Reference	13.11	13.11	---	PASS
				RU4	30~1000	13.11	-55.15	≤-16.89	PASS
				RU4	1000~26500	13.11	-50.23	≤-16.89	PASS
			52Tone	RU38	Reference	11.31	11.31	---	PASS
				RU38	30~1000	11.31	-55.45	≤-18.69	PASS
				RU38	1000~26500	11.31	-49.49	≤-18.69	PASS
			106Tone	RU53	Reference	8.00	8.00	---	PASS
				RU53	30~1000	8.00	-55.46	≤-22	PASS
				RU53	1000~26500	8.00	-49.85	≤-22	PASS
		2462	26Tone	RU8	Reference	13.57	13.57	---	PASS
				RU8	30~1000	13.57	-55.19	≤-16.43	PASS
				RU8	1000~26500	13.57	-50.50	≤-16.43	PASS
			52Tone	RU40	Reference	10.19	10.19	---	PASS
				RU40	30~1000	10.19	-54.48	≤-19.81	PASS
				RU40	1000~26500	10.19	-50.24	≤-19.81	PASS
			106Tone	RU54	Reference	7.34	7.34	---	PASS
				RU54	30~1000	7.34	-55.69	≤-22.66	PASS
				RU54	1000~26500	7.34	-50.17	≤-22.66	PASS