

Case No. : <u>GTS20260529017-1-03</u>
Ambient Condition: <u>25</u> °C, <u>61</u> %RH,
Test Date: <u>2026.5.11-2026.6.12</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.240	2407.400	2416.640	0.5	PASS
		2437	9.280	2432.320	2441.600	0.5	PASS
		2462	9.240	2457.360	2466.600	0.5	PASS
11G	Ant1	2412	16.280	2403.880	2420.160	0.5	PASS
		2437	16.240	2428.840	2445.080	0.5	PASS
		2462	16.400	2453.720	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.480	2403.240	2420.720	0.5	PASS
		2437	17.400	2428.240	2445.640	0.5	PASS
		2462	17.440	2453.200	2470.640	0.5	PASS
11N40SISO	Ant1	2422	35.440	2404.240	2439.680	0.5	PASS
		2437	36.080	2418.920	2455.000	0.5	PASS
		2452	36.160	2433.920	2470.080	0.5	PASS
11AX20SISO	Ant1	2412	18.520	2402.880	2421.400	0.5	PASS
		2437	18.320	2427.680	2446.000	0.5	PASS
		2462	18.600	2452.680	2471.280	0.5	PASS
11AX40SISO	Ant1	2422	37.520	2403.120	2440.640	0.5	PASS
		2437	37.600	2418.200	2455.800	0.5	PASS
		2452	37.840	2432.960	2470.800	0.5	PASS

Test Graphs



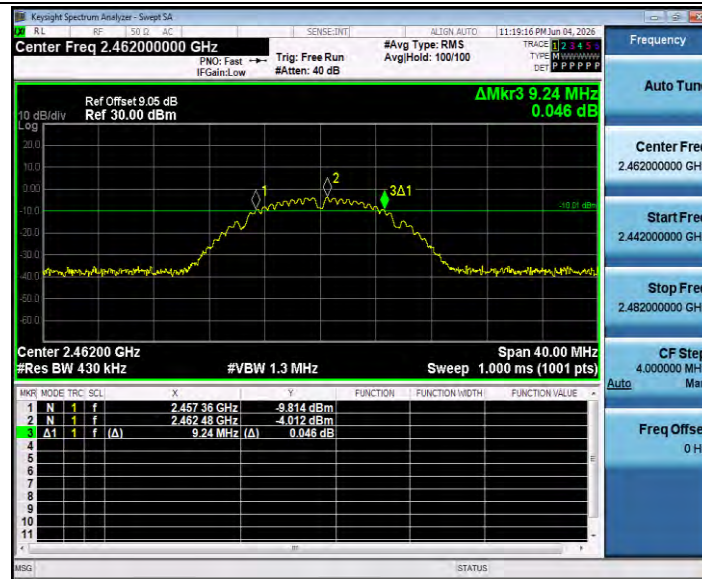
11B_Ant1_2437

Frequency

Auto Tune

Center Freq
2.437000000 GHzStart Freq
2.417000000 GHzStop Freq
2.457000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



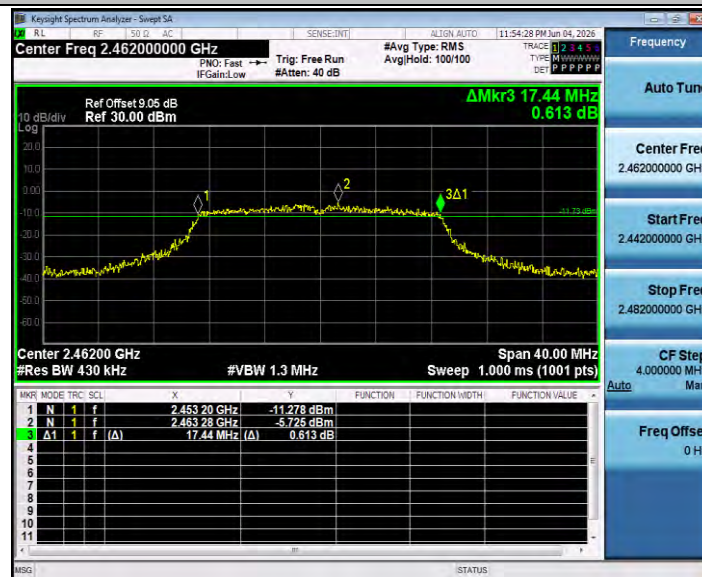
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



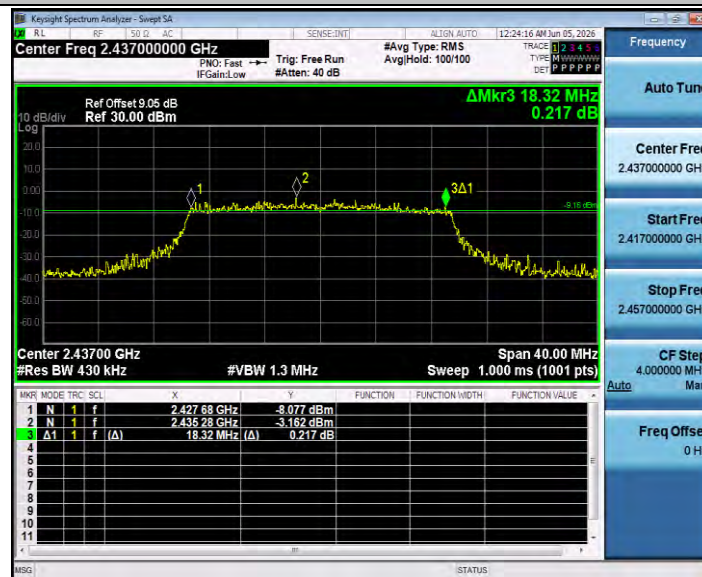
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



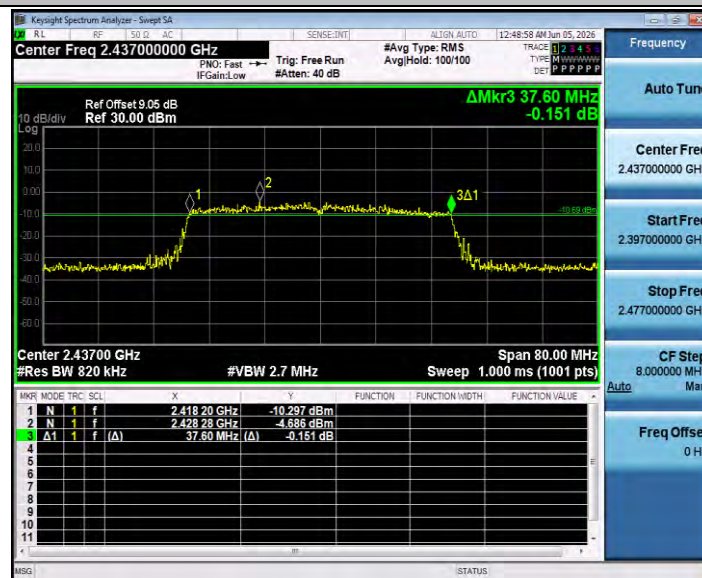
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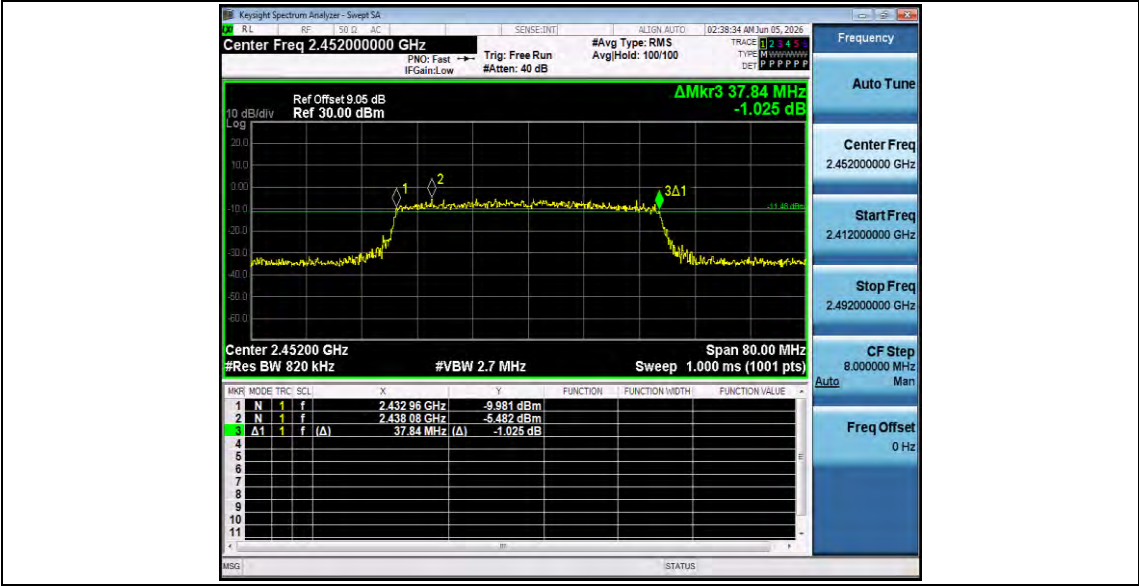
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.2: Occupied Channel Bandwidth

Test Result

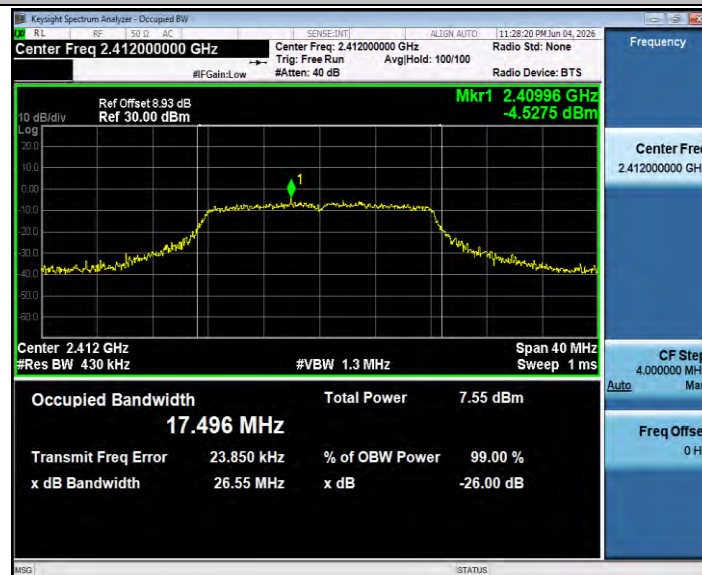
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.356	2405.4002	2418.7562	---	---
		2437	13.366	2430.2906	2443.6566	---	---
		2462	13.300	2455.3455	2468.6455	---	---
11G	Ant1	2412	17.496	2403.2759	2420.7719	---	---
		2437	17.584	2428.0905	2445.6745	---	---
		2462	17.525	2453.1140	2470.6390	---	---
11N20SISO	Ant1	2412	18.531	2402.7660	2421.2970	---	---
		2437	18.627	2427.5656	2446.1926	---	---
		2462	18.494	2452.6499	2471.1439	---	---
11N40SISO	Ant1	2422	36.876	2403.5509	2440.4269	---	---
		2437	37.119	2418.3161	2455.4351	---	---
		2452	37.038	2433.3964	2470.4344	---	---
11AX20SISO	Ant1	2412	19.317	2402.3871	2421.7041	---	---
		2437	19.347	2427.3263	2446.6733	---	---
		2462	19.242	2452.3469	2471.5889	---	---
11AX40SISO	Ant1	2422	38.193	2402.8677	2441.0607	---	---
		2437	38.255	2417.7731	2456.0281	---	---
		2452	38.256	2432.7731	2471.0291	---	---

Test Graphs

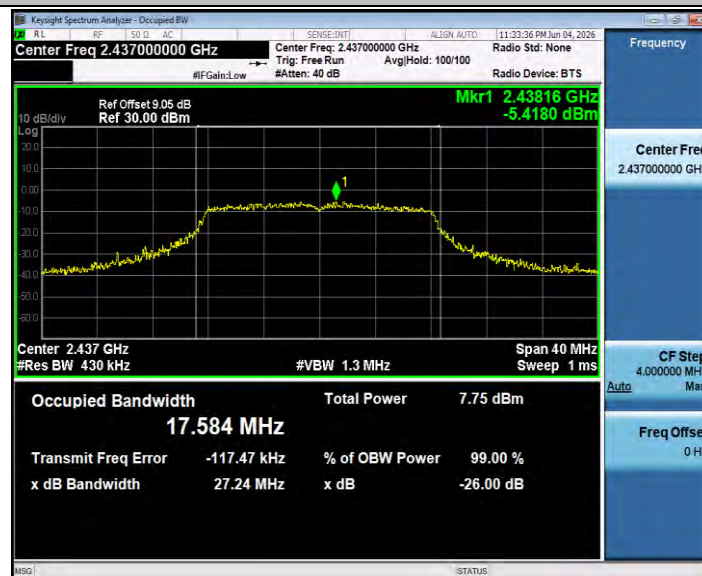




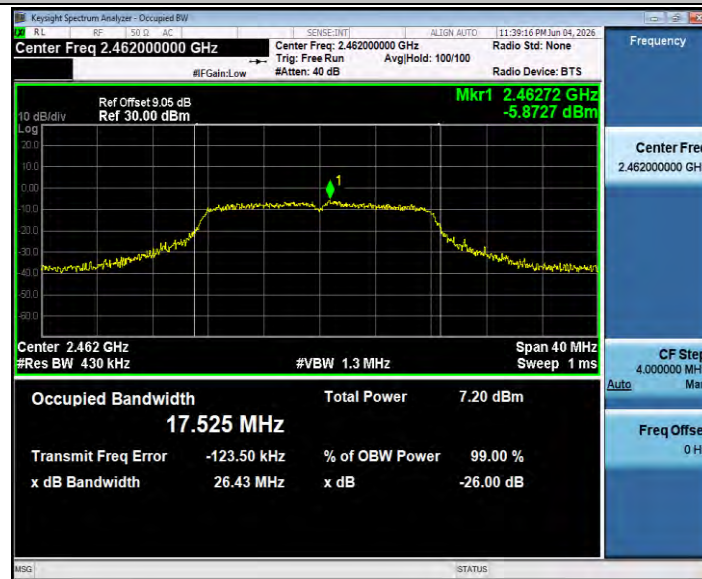
11G_Ant1_2412



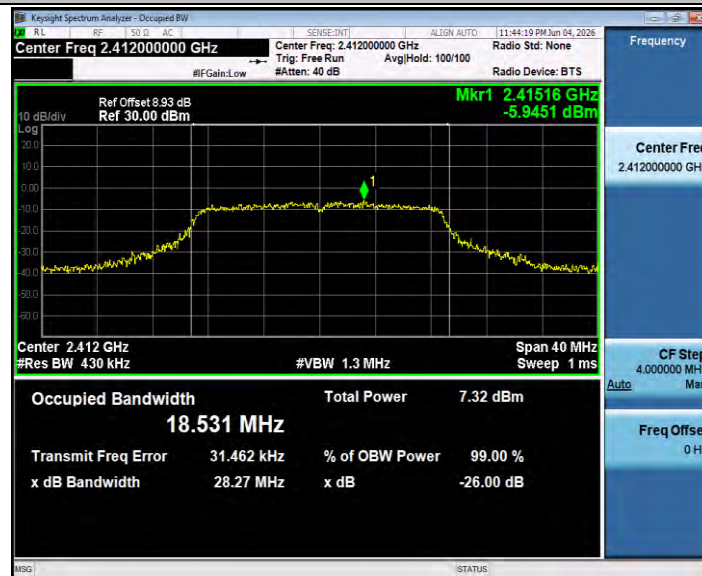
11G_Ant1_2437



11G_Ant1_2462



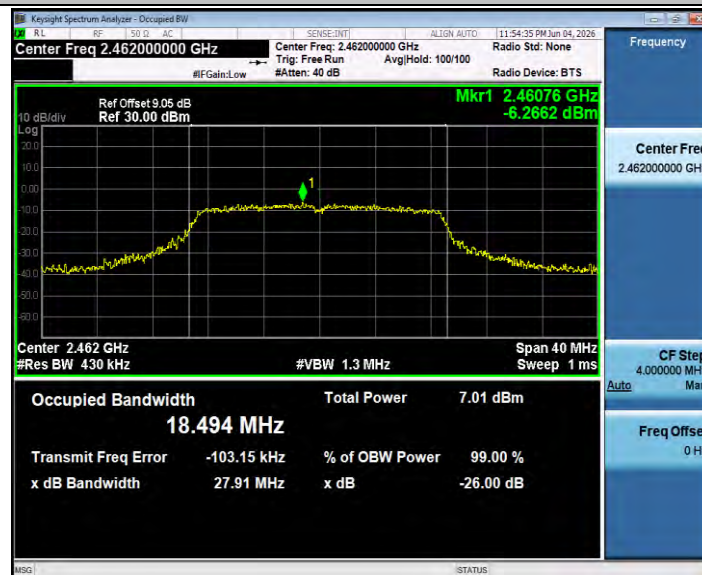
11N20SISO_Ant1_2412



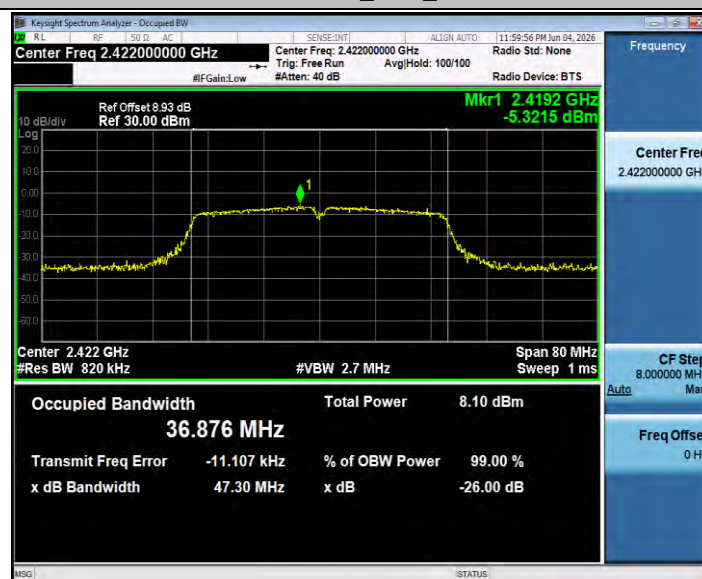
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



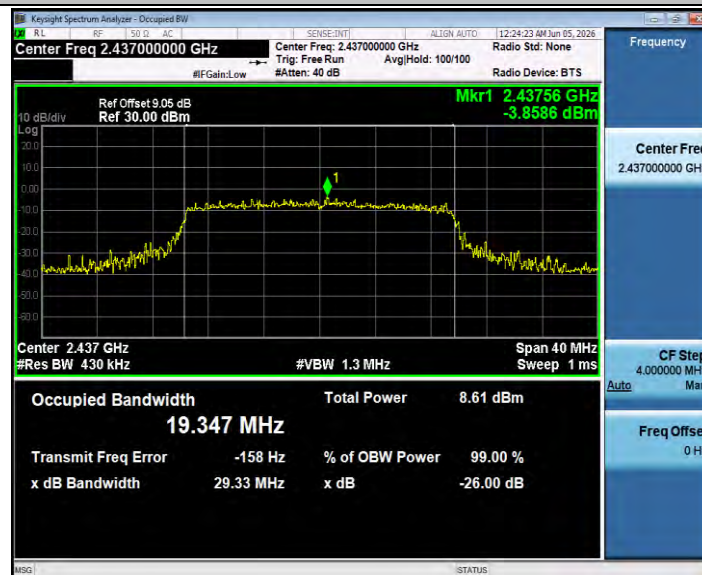
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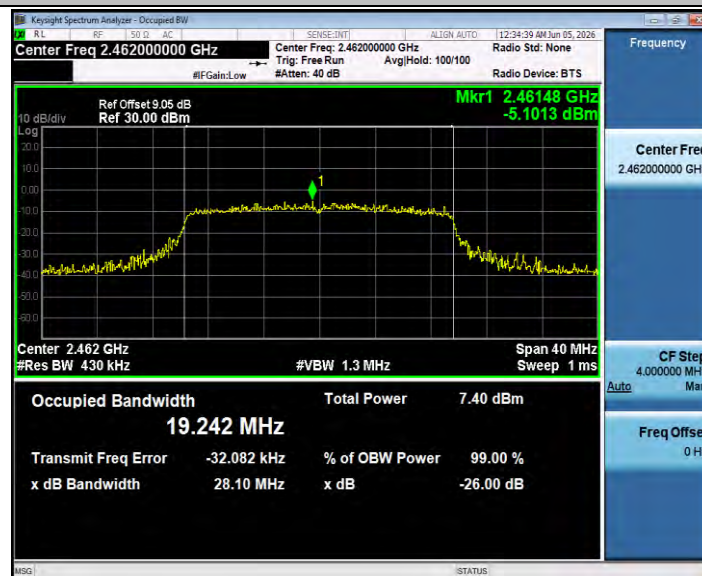
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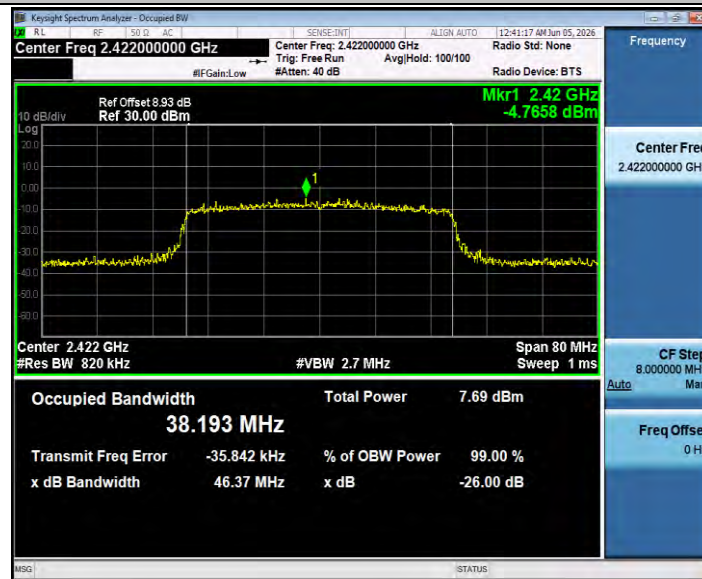
11AX20SISO_Ant1_2437



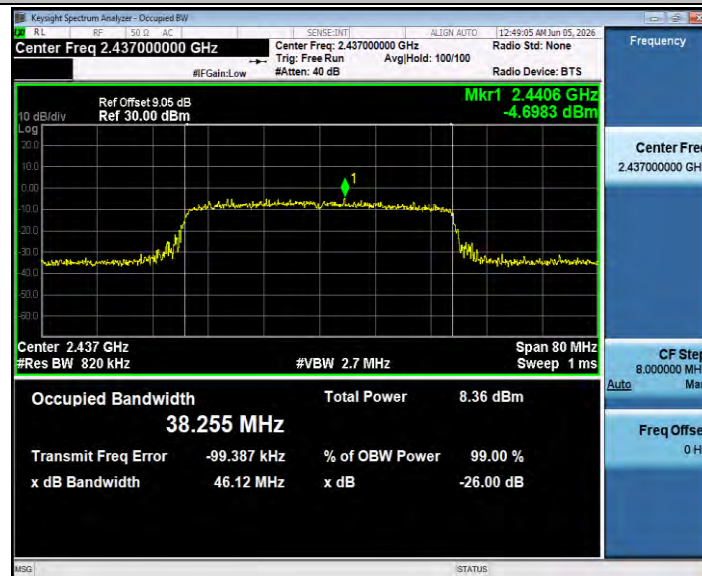
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.19	≤30.00	PASS
		2437	7.95	≤30.00	PASS
		2462	7.08	≤30.00	PASS
11G	Ant1	2412	8.73	≤30.00	PASS
		2437	8.94	≤30.00	PASS
		2462	8.35	≤30.00	PASS
11N20SISO	Ant1	2412	8.49	≤30.00	PASS
		2437	8.81	≤30.00	PASS
		2462	8.26	≤30.00	PASS
11N40SISO	Ant1	2422	8.42	≤30.00	PASS
		2437	8.63	≤30.00	PASS
		2452	8.26	≤30.00	PASS
11AX20SISO	Ant1	2412	8.87	≤30.00	PASS
		2437	8.69	≤30.00	PASS
		2462	8.17	≤30.00	PASS
11AX40SISO	Ant1	2422	7.83	≤30.00	PASS
		2437	8.67	≤30.00	PASS
		2452	8.15	≤30.00	PASS

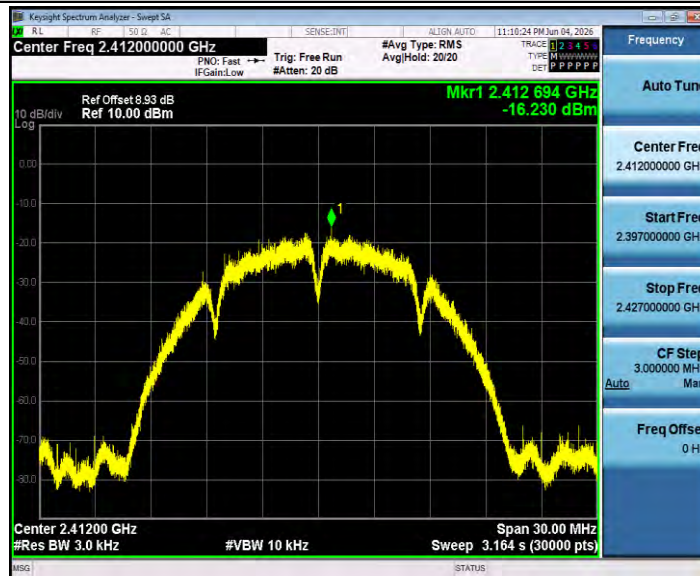
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.23	≤8.00	PASS
		2437	-17.18	≤8.00	PASS
		2462	-18.23	≤8.00	PASS
11G	Ant1	2412	-23.10	≤8.00	PASS
		2437	-22.96	≤8.00	PASS
		2462	-23.74	≤8.00	PASS
11N20SISO	Ant1	2412	-23.38	≤8.00	PASS
		2437	-23.14	≤8.00	PASS
		2462	-23.81	≤8.00	PASS
11N40SISO	Ant1	2422	-26.36	≤8.00	PASS
		2437	-25.74	≤8.00	PASS
		2452	-26.45	≤8.00	PASS
11AX20SISO	Ant1	2412	-24.40	≤8.00	PASS
		2437	-24.49	≤8.00	PASS
		2462	-25.12	≤8.00	PASS
11AX40SISO	Ant1	2422	-28.65	≤8.00	PASS
		2437	-27.21	≤8.00	PASS
		2452	-27.12	≤8.00	PASS

Test Graphs

11B_Ant1_2412



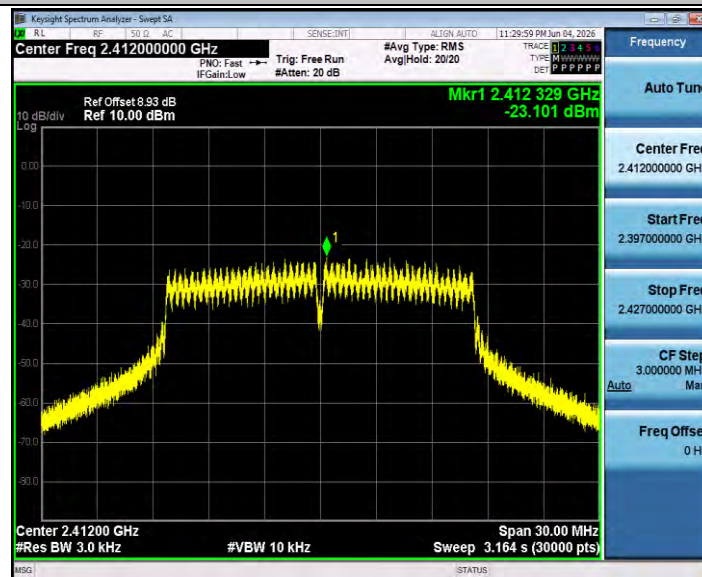
11B_Ant1_2437



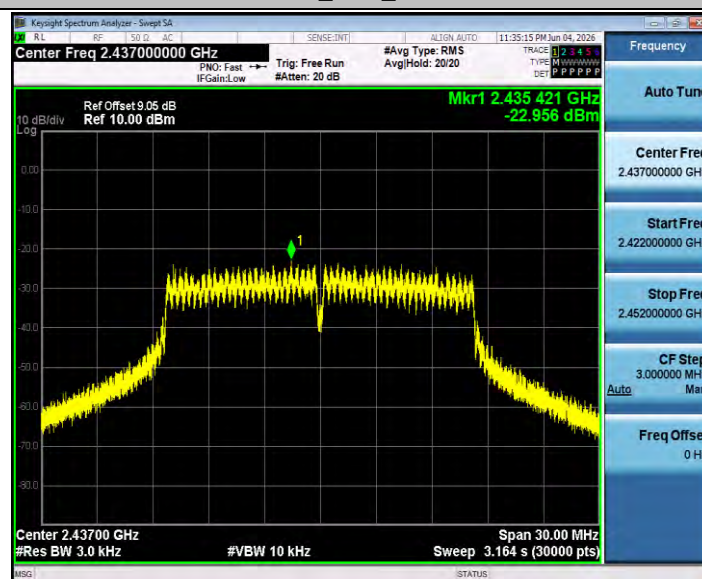
11B_Ant1_2462



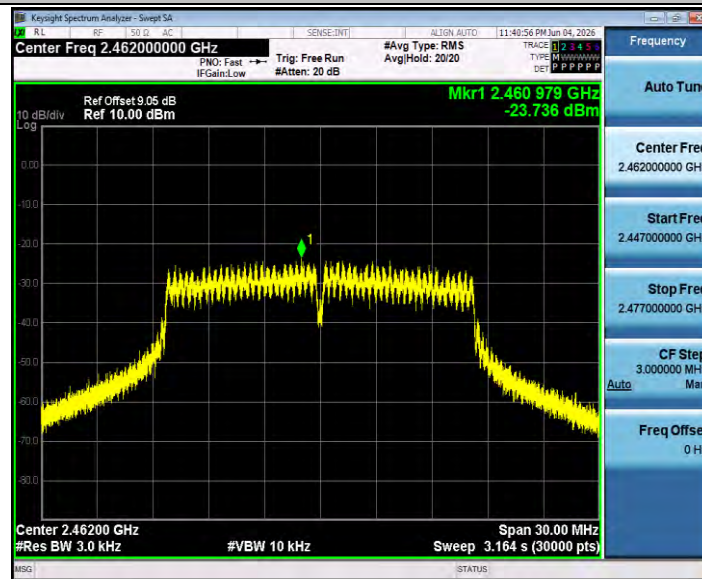
11G_Ant1_2412



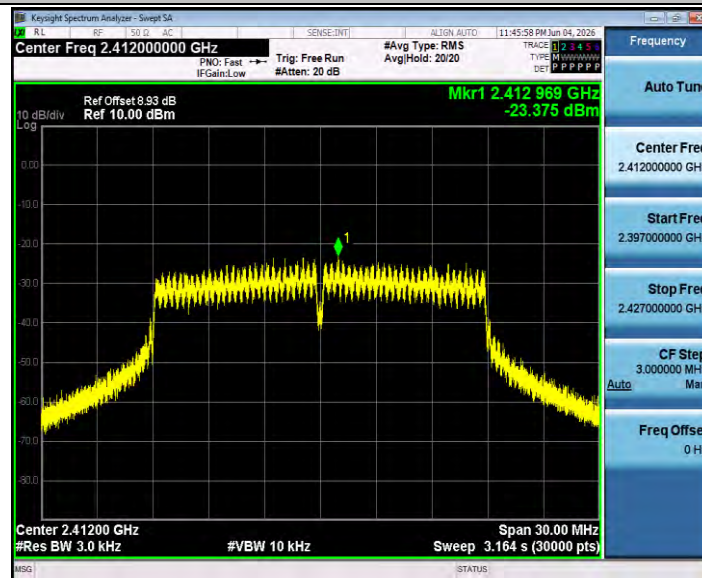
11G_Ant1_2437



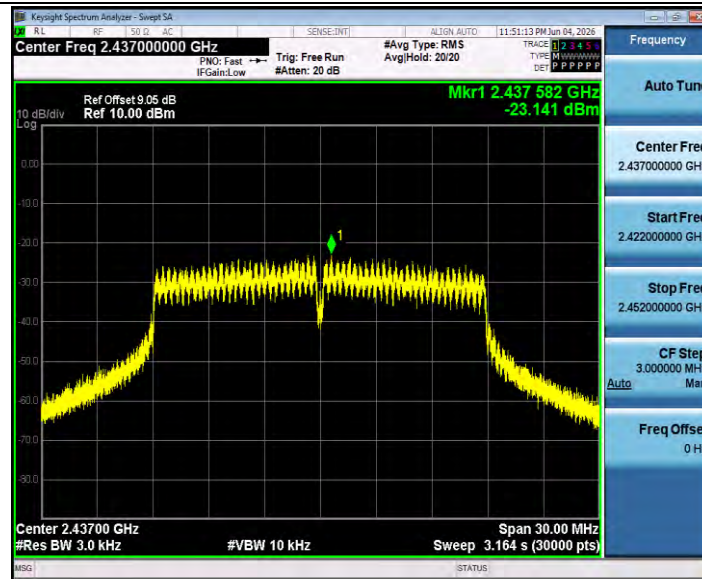
11G_Ant1_2462



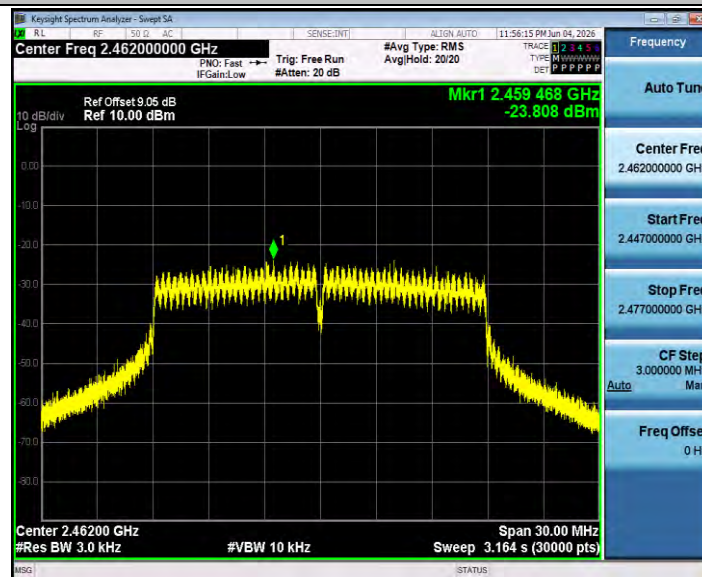
11N20SISO_Ant1_2412



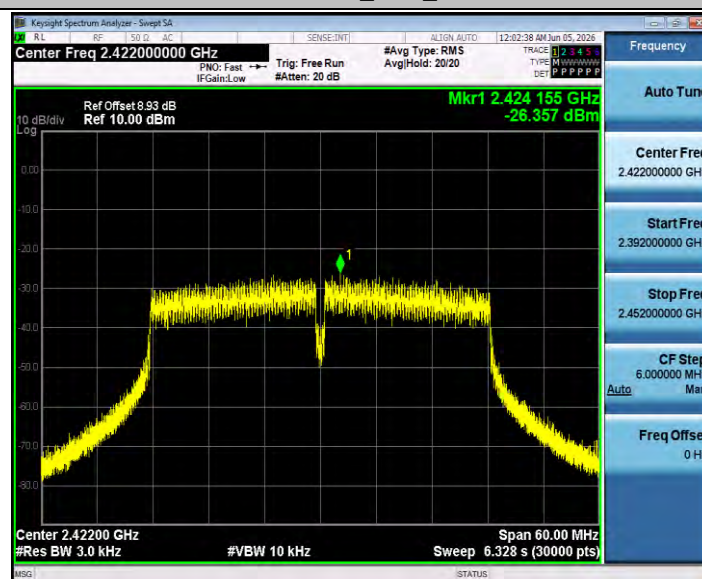
11N20SISO_Ant1_2437



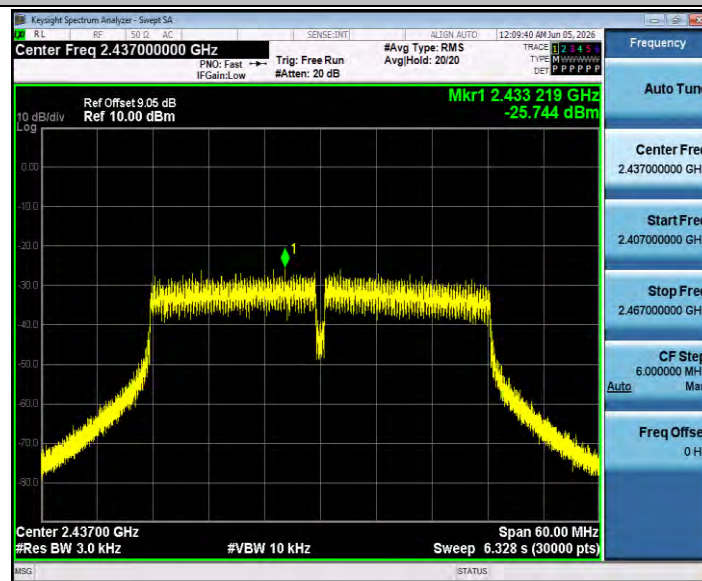
11N20SISO_Ant1_2462



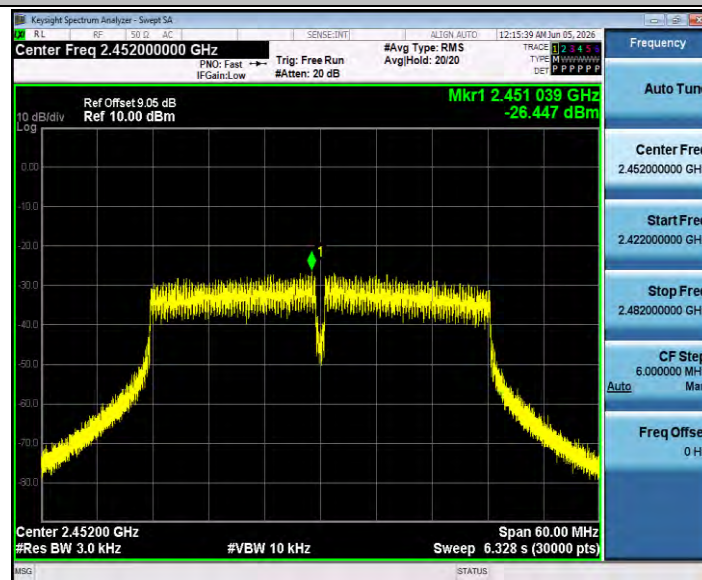
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



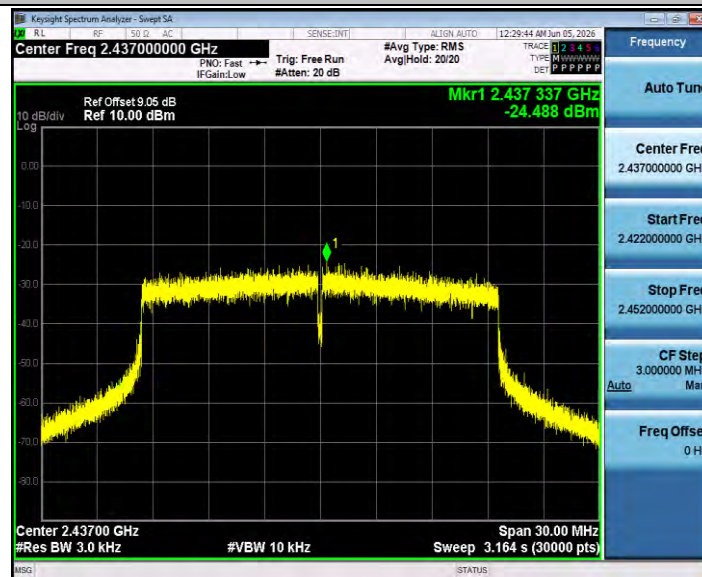
11N40SISO_Ant1_2452



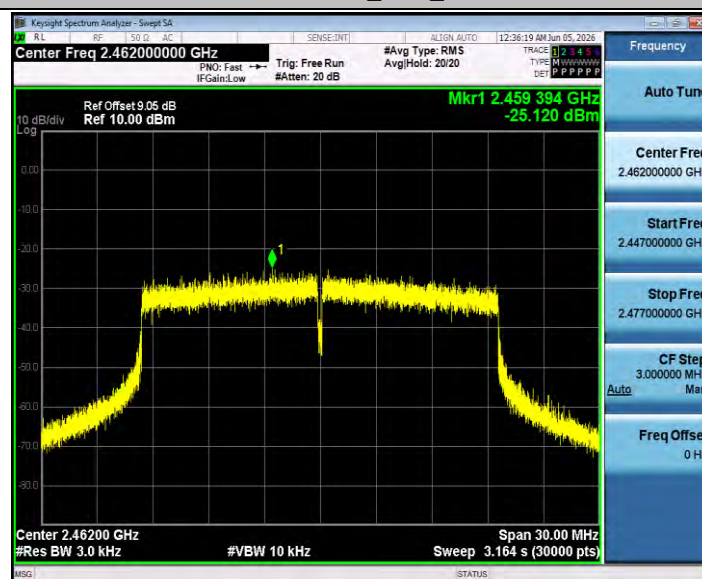
11AX20SISO_Ant1_2412



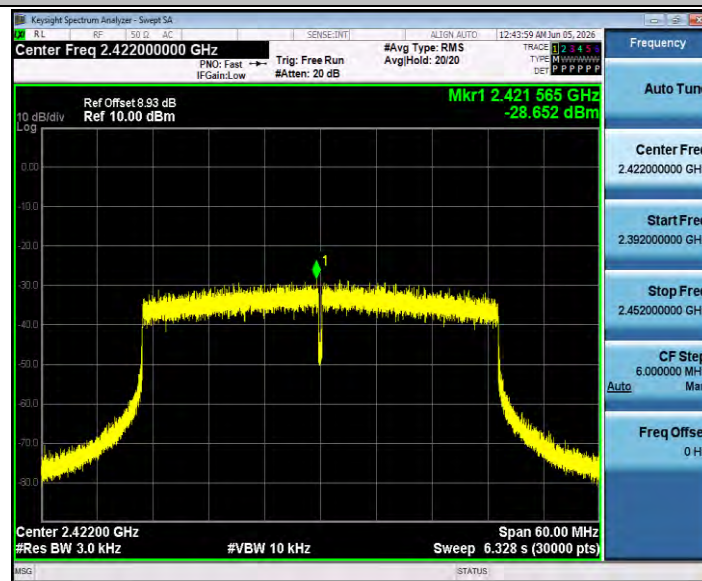
11AX20SISO_Ant1_2437



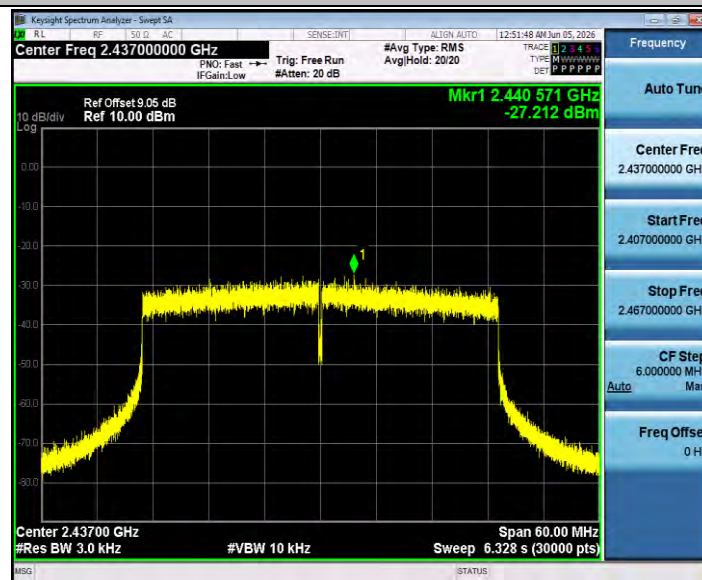
11AX20SISO_Ant1_2462



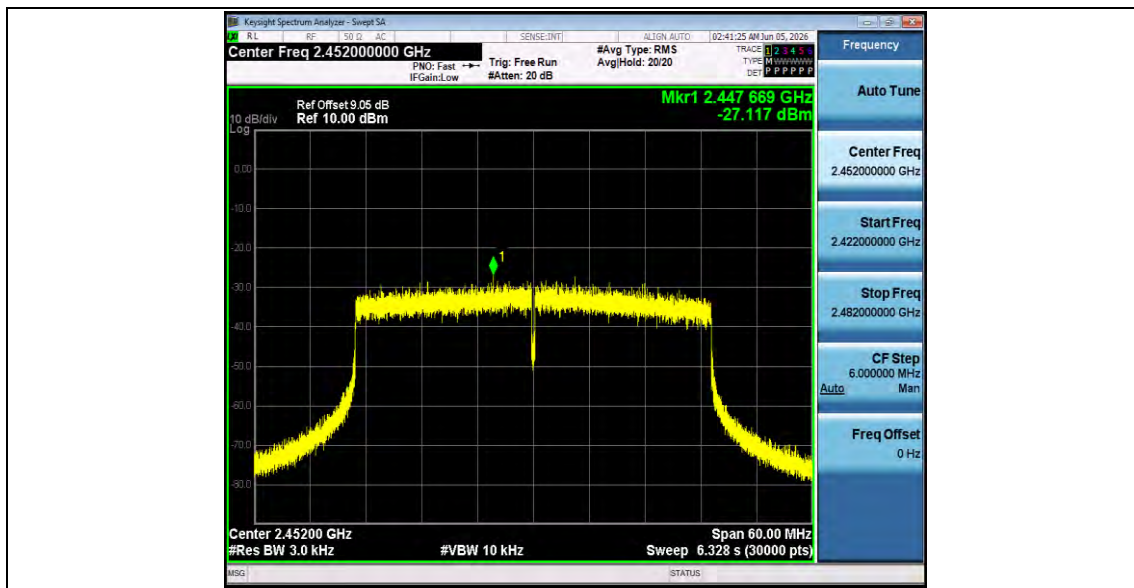
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

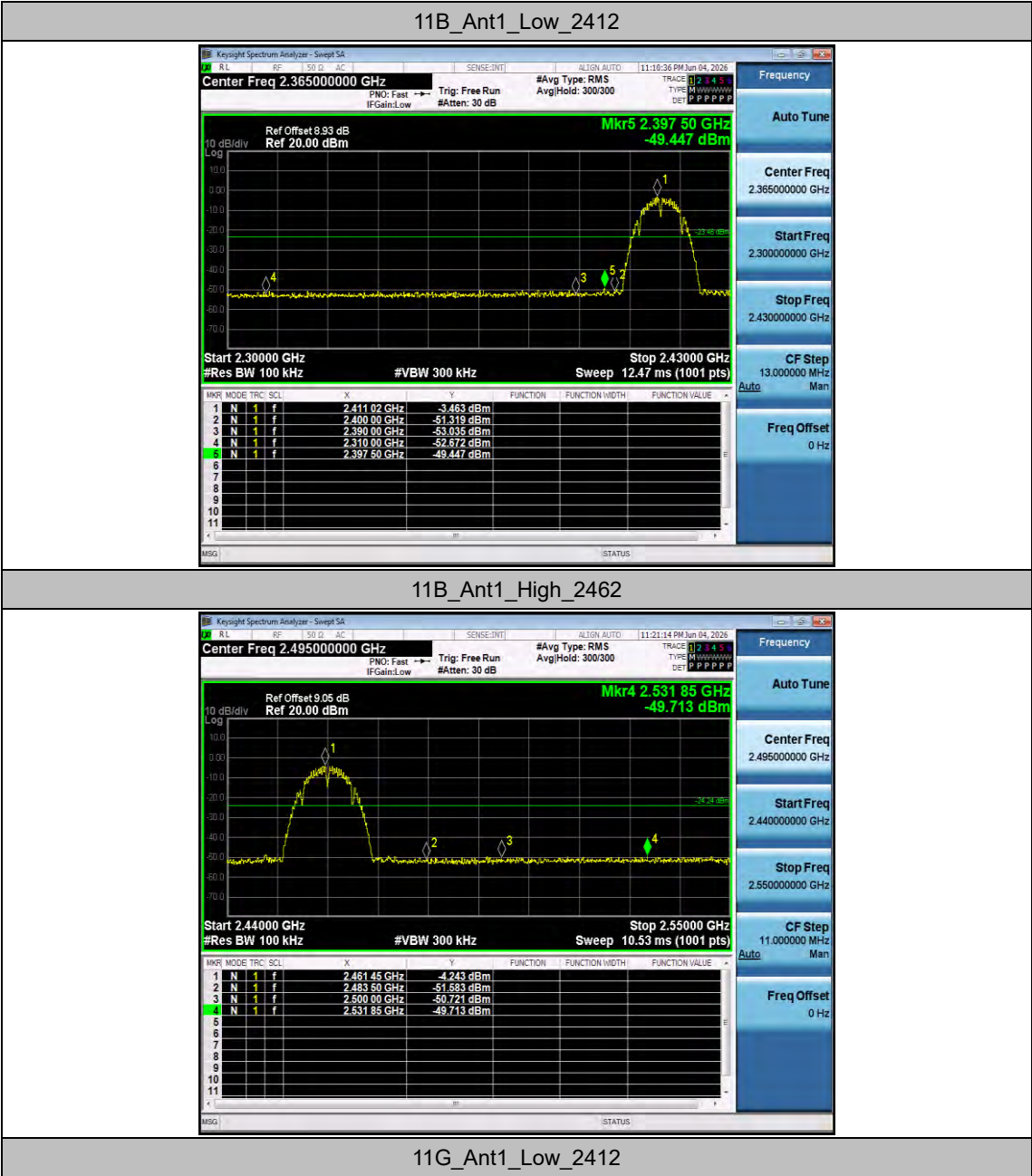


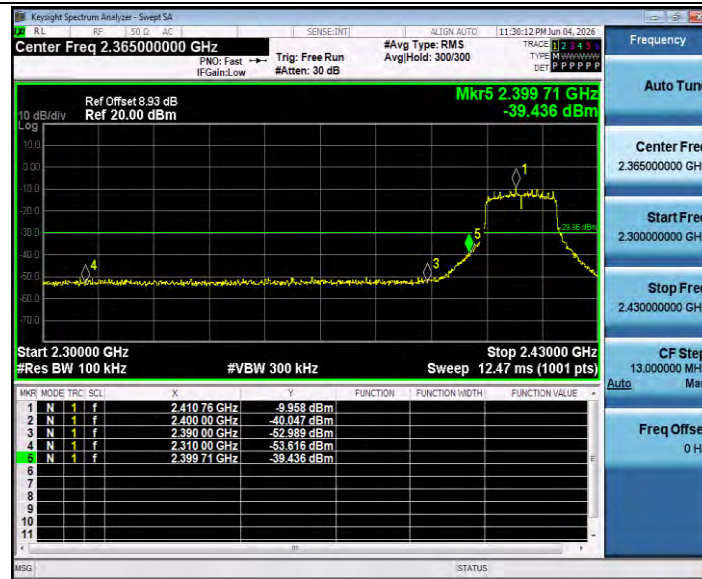
Appendix C.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-3.46	-49.45	≤ -23.46	PASS
		High	2462	-4.24	-49.71	≤ -24.24	PASS
11G	Ant1	Low	2412	-9.96	-39.44	≤ -29.96	PASS
		High	2462	-10.12	-48.36	≤ -30.12	PASS
11N20SISO	Ant1	Low	2412	-9.26	-39.23	≤ -29.26	PASS
		High	2462	-9.90	-48.86	≤ -29.9	PASS
11N40SISO	Ant1	Low	2422	-12.27	-43.42	≤ -32.27	PASS
		High	2452	-12.56	-49.12	≤ -32.56	PASS
11AX20SISO	Ant1	Low	2412	-9.80	-38.15	≤ -29.8	PASS
		High	2462	-10.07	-48.9	≤ -30.07	PASS
11AX40SISO	Ant1	Low	2422	-13.55	-45.7	≤ -33.55	PASS
		High	2452	-13.09	-49.23	≤ -33.09	PASS

Test Graphs

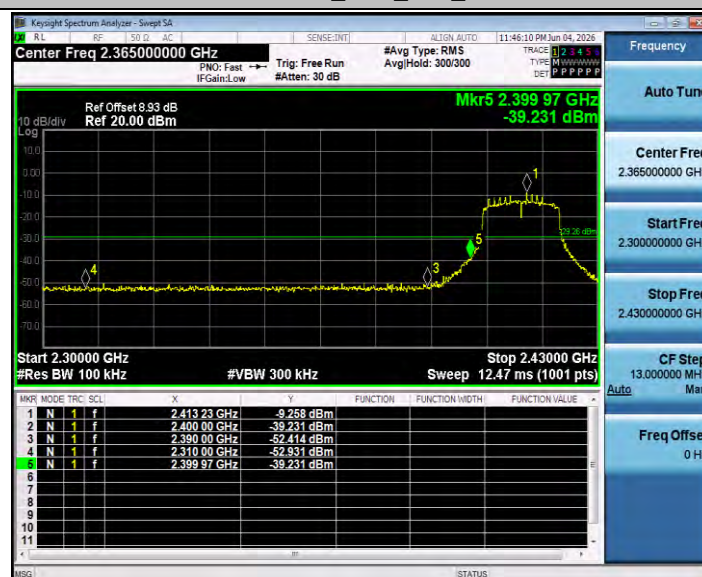




11G_Ant1_High_2462



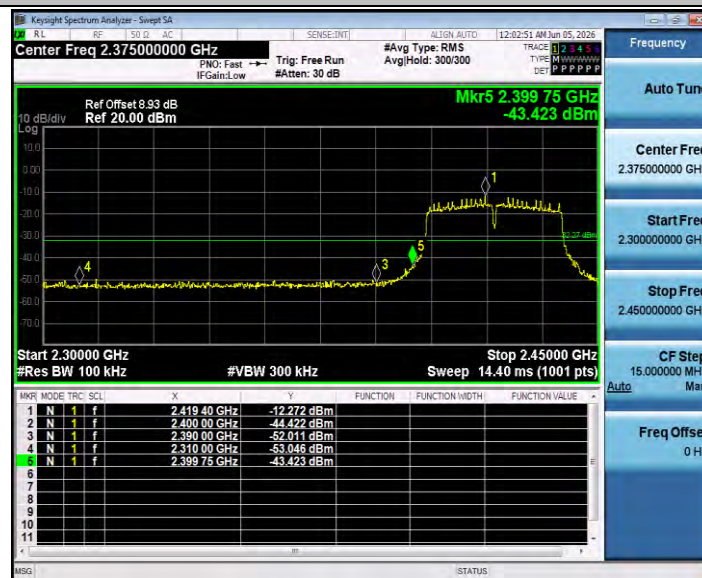
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

