

Case No. : <u>GTS20250310021-1-13</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.5.15</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	9.040	2407.480	2416.520	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	16.040	2453.840	2469.880	0.5	PASS
11N20SISO	Ant1	2412	15.640	2404.520	2420.160	0.5	PASS
		2437	16.400	2428.480	2444.880	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.400	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.680	2433.840	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	18.920	2402.560	2421.480	0.5	PASS
		2437	17.000	2427.840	2444.840	0.5	PASS
		2462	18.080	2452.760	2470.840	0.5	PASS
11AX40SISO	Ant1	2422	36.640	2404.240	2440.880	0.5	PASS
		2437	35.600	2418.920	2454.520	0.5	PASS
		2452	36.320	2433.280	2469.600	0.5	PASS

Test Graphs





11G_Ant1_2412



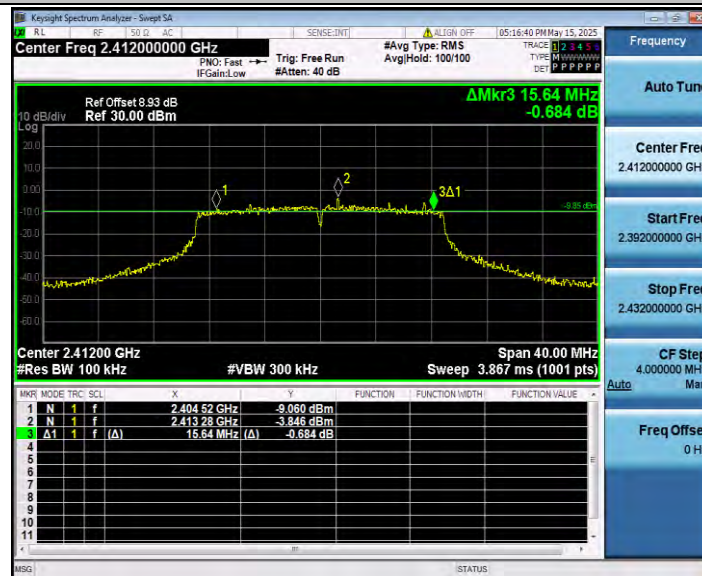
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



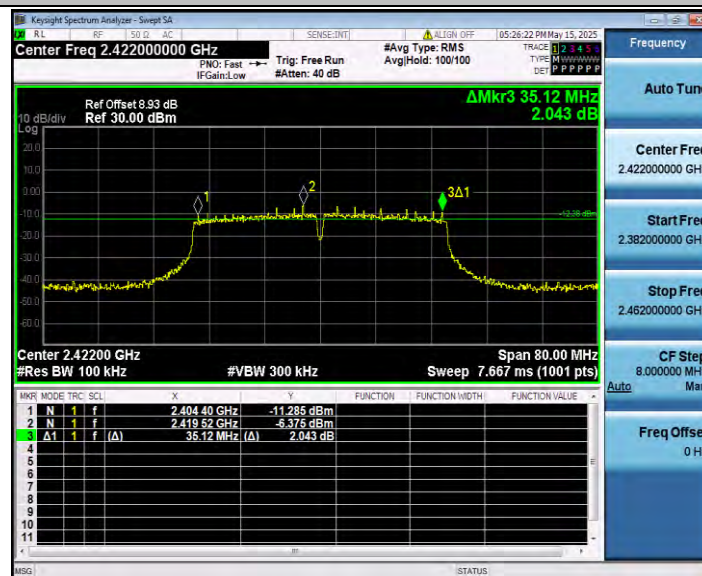
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



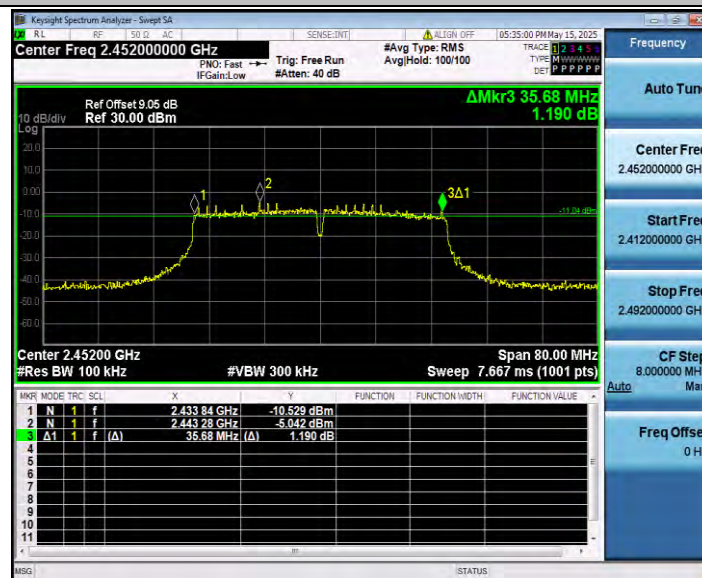
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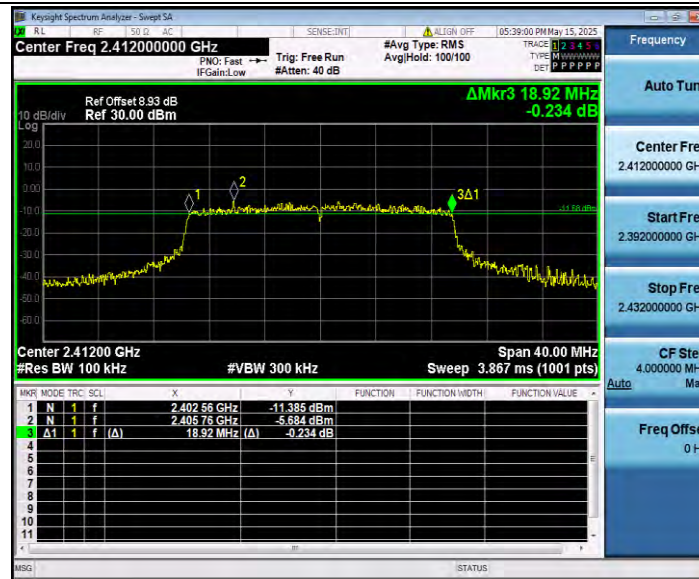
11N40SISO_Ant1_2437



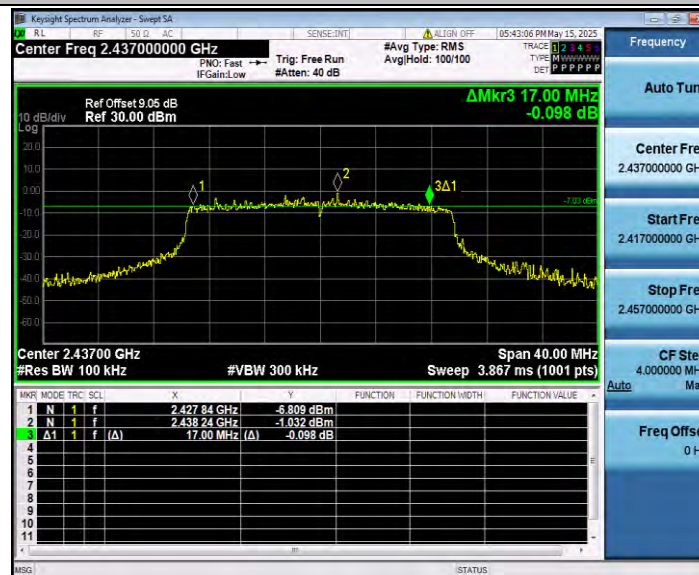
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



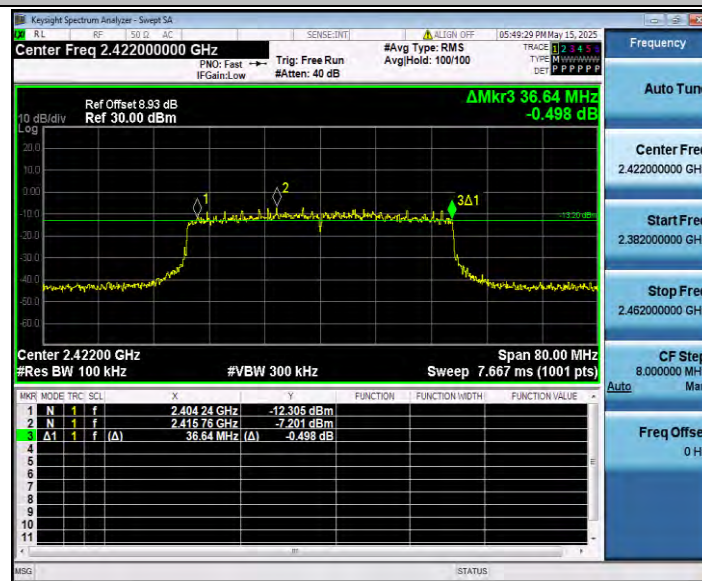
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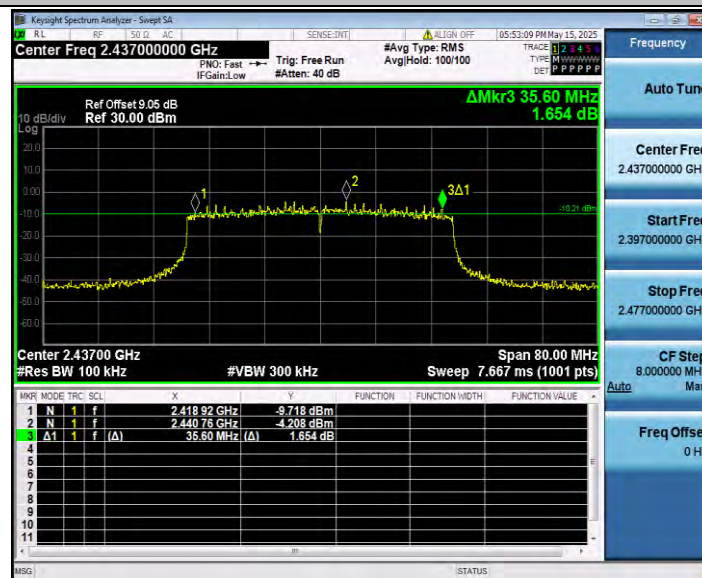
11AX20SISO_Ant1_2462



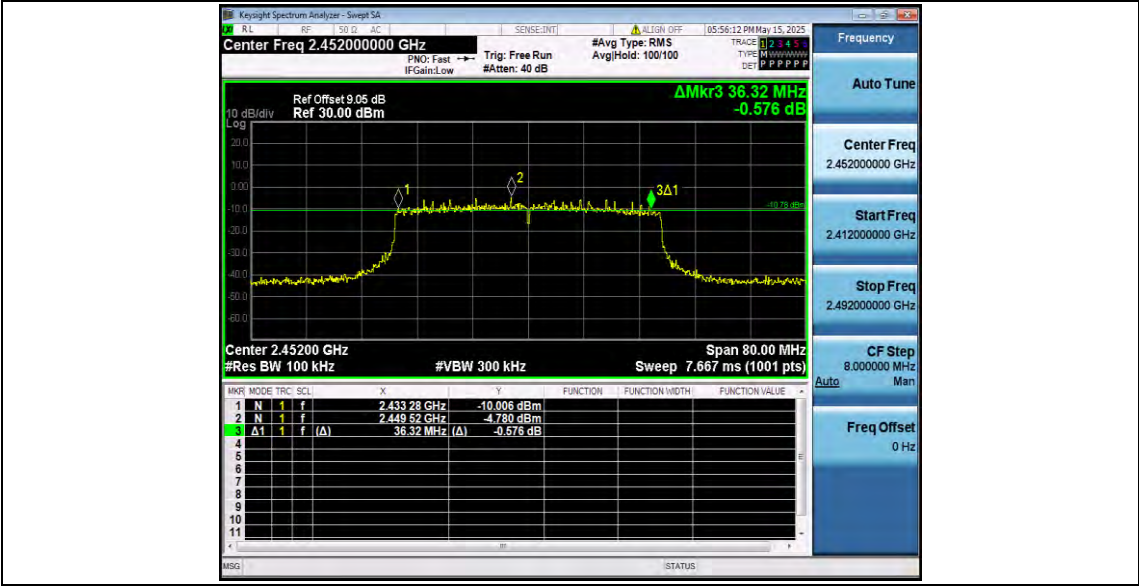
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



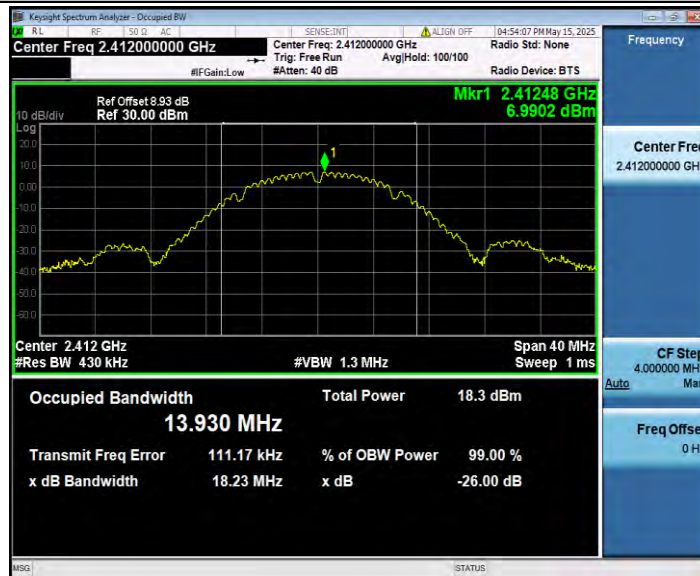
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.930	2405.1462	2419.0762	---	---
		2437	13.956	2430.0443	2444.0003	---	---
		2462	13.900	2455.0413	2468.9413	---	---
11G	Ant1	2412	17.379	2403.2862	2420.6652	---	---
		2437	17.359	2428.2955	2445.6545	---	---
		2462	17.416	2453.2003	2470.6163	---	---
11N20SISO	Ant1	2412	18.410	2402.8096	2421.2196	---	---
		2437	18.484	2427.7170	2446.2010	---	---
		2462	18.487	2452.7073	2471.1943	---	---
11N40SISO	Ant1	2422	36.795	2403.6283	2440.4233	---	---
		2437	36.823	2418.5459	2455.3689	---	---
		2452	36.689	2433.5895	2470.2785	---	---
11AX20SISO	Ant1	2412	19.269	2402.3753	2421.6443	---	---
		2437	19.200	2427.4264	2446.6264	---	---
		2462	19.212	2452.3416	2471.5536	---	---
11AX40SISO	Ant1	2422	37.913	2403.0632	2440.9762	---	---
		2437	37.930	2418.0139	2455.9439	---	---
		2452	38.005	2432.9839	2470.9889	---	---

Test Graphs

11B_Ant1_2412



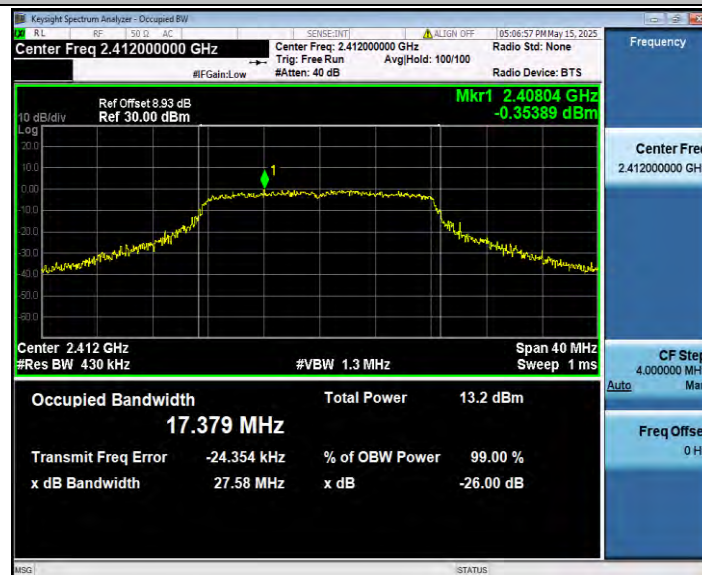
11B_Ant1_2437



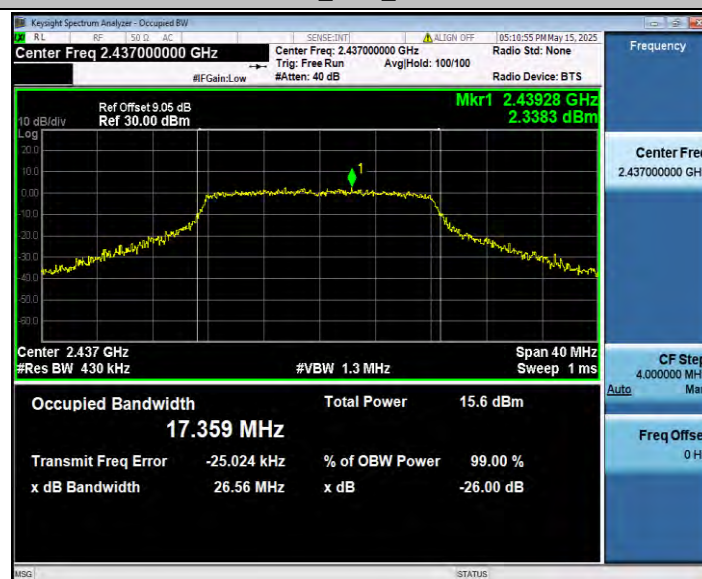
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



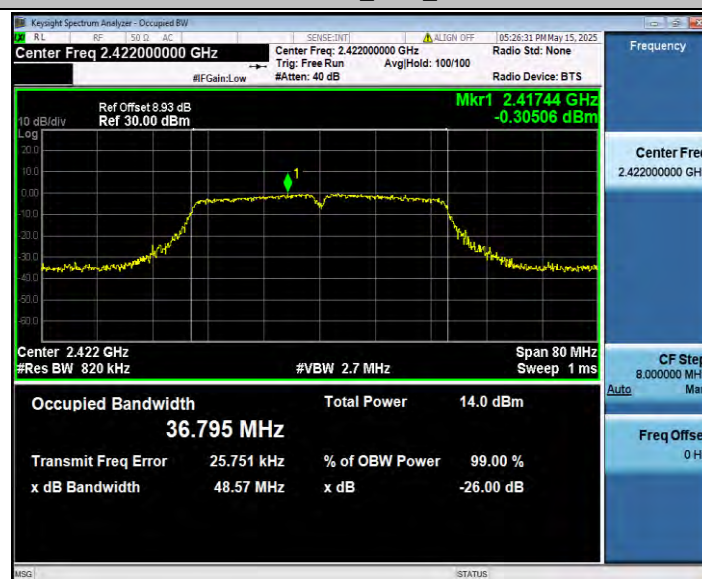
11N20SISO_Ant1_2437



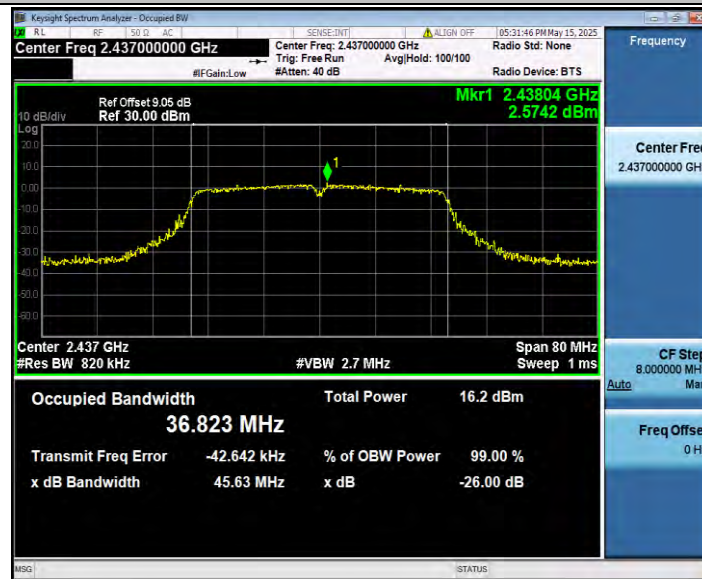
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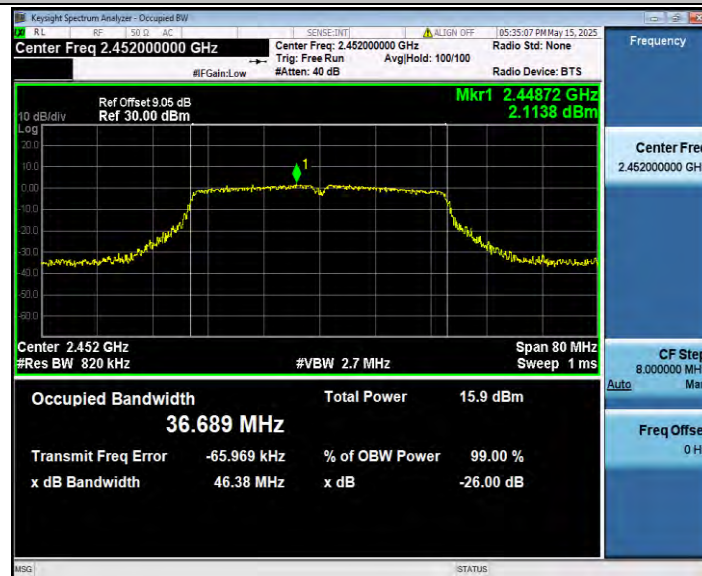
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



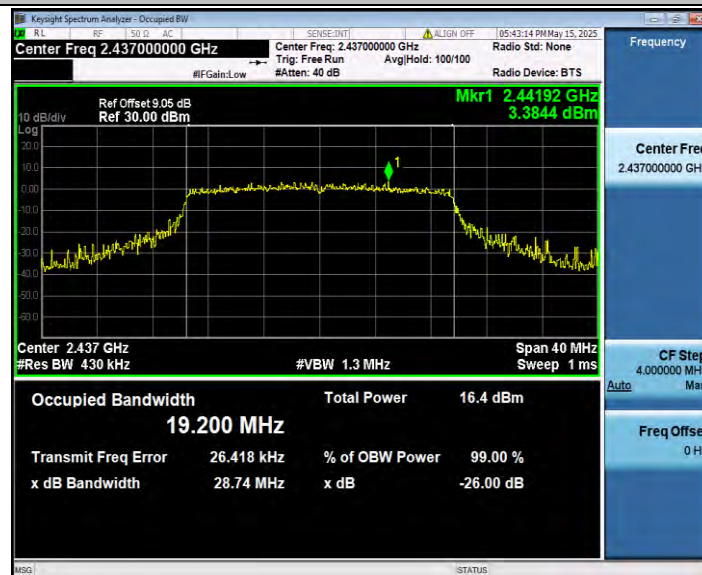
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



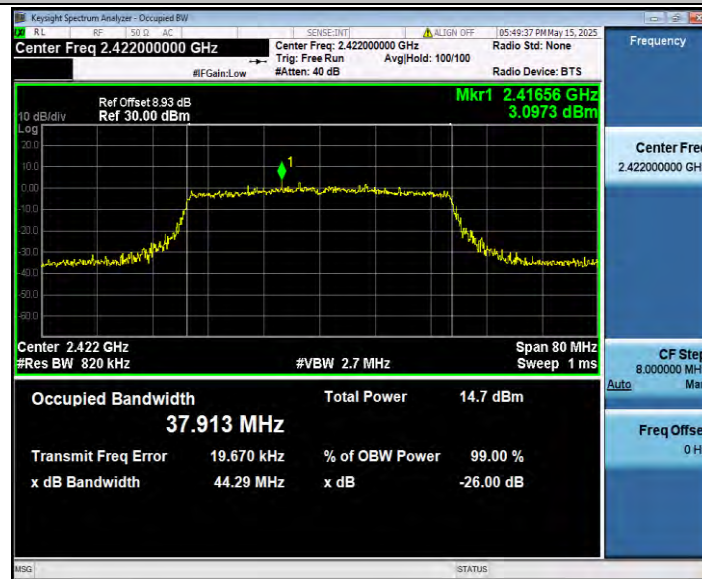
11AX20SISO_Ant1_2437



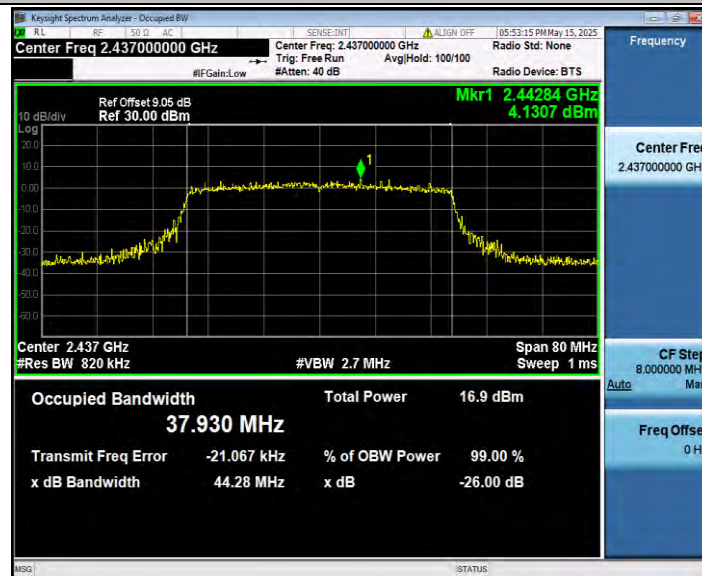
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	18.28	≤30.00	PASS
		2437	19.38	≤30.00	PASS
		2462	18.80	≤30.00	PASS
11G	Ant1	2412	16.35	≤30.00	PASS
		2437	16.81	≤30.00	PASS
		2462	16.81	≤30.00	PASS
11N20SISO	Ant1	2412	16.07	≤30.00	PASS
		2437	16.64	≤30.00	PASS
		2462	16.69	≤30.00	PASS
11N40SISO	Ant1	2422	16.32	≤30.00	PASS
		2437	16.54	≤30.00	PASS
		2452	16.28	≤30.00	PASS
11AX20SISO	Ant1	2412	17.66	≤30.00	PASS
		2437	17.16	≤30.00	PASS
		2462	17.21	≤30.00	PASS
11AX40SISO	Ant1	2422	17.89	≤30.00	PASS
		2437	17.15	≤30.00	PASS
		2452	17.70	≤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	-7.59	≤8.00	PASS
		2437	-7.18	≤8.00	PASS
		2462	-7.10	≤8.00	PASS
11G	Ant1	2412	-18.47	≤8.00	PASS
		2437	-15.33	≤8.00	PASS
		2462	-16.38	≤8.00	PASS
11N20SISO	Ant1	2412	-17.73	≤8.00	PASS
		2437	-15.69	≤8.00	PASS
		2462	-15.36	≤8.00	PASS
11N40SISO	Ant1	2422	-20.20	≤8.00	PASS
		2437	-18.70	≤8.00	PASS
		2452	-18.55	≤8.00	PASS
11AX20SISO	Ant1	2412	-20.37	≤8.00	PASS
		2437	-16.04	≤8.00	PASS
		2462	-17.60	≤8.00	PASS
11AX40SISO	Ant1	2422	-21.63	≤8.00	PASS
		2437	-19.64	≤8.00	PASS
		2452	-18.25	≤8.00	PASS

Test Graphs

11B_Ant1_2412



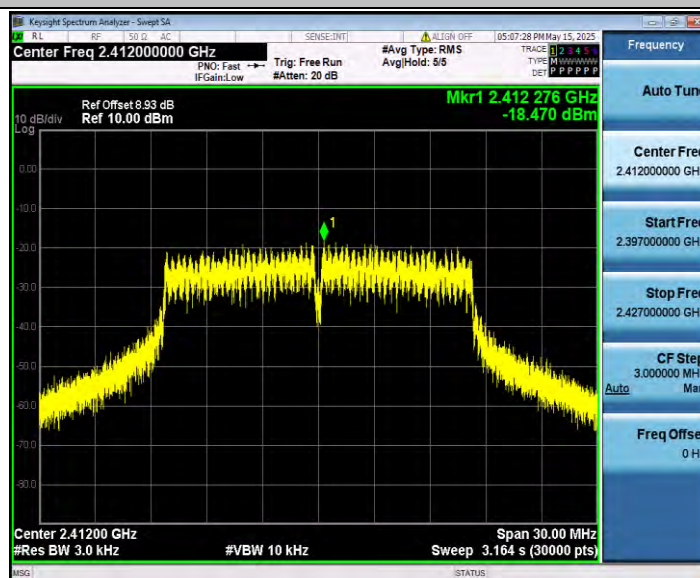
11B_Ant1_2437



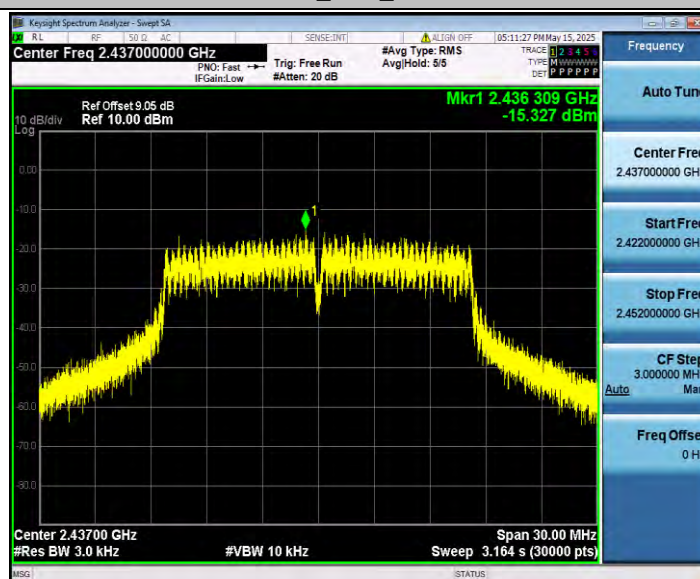
11B_Ant1_2462



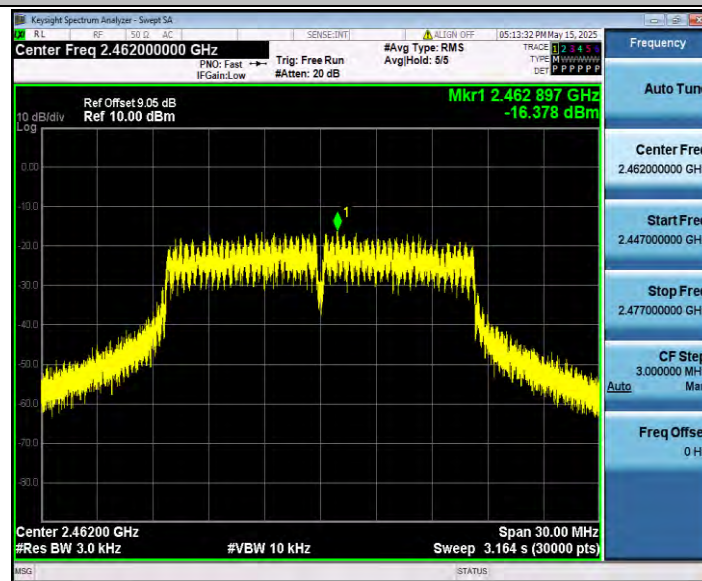
11G_Ant1_2412



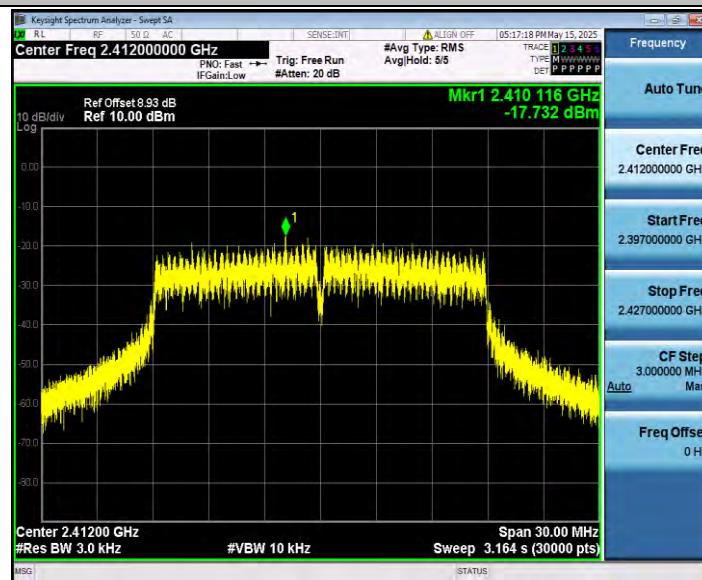
11G_Ant1_2437



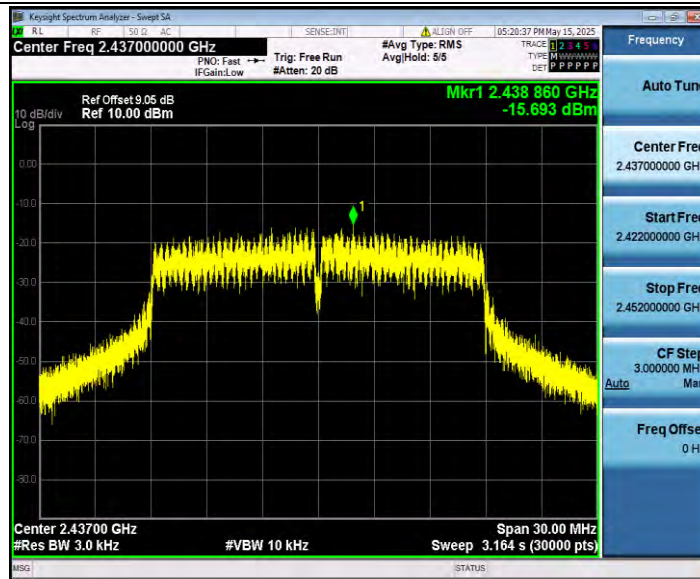
11G_Ant1_2462



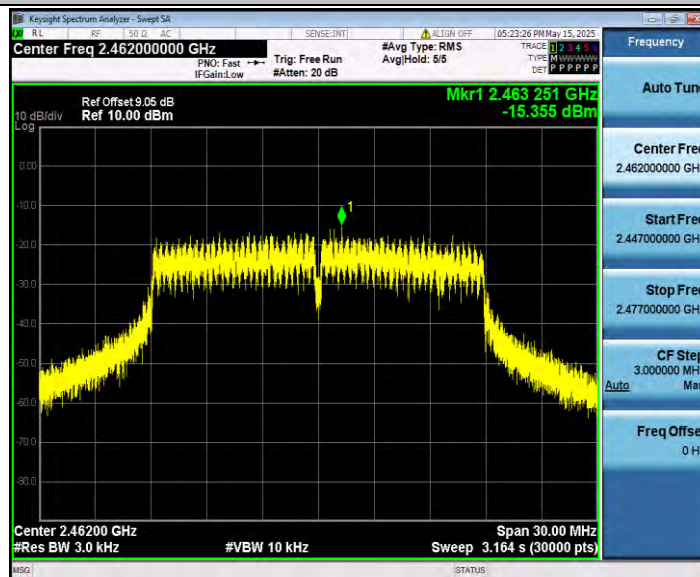
11N20SISO_Ant1_2412



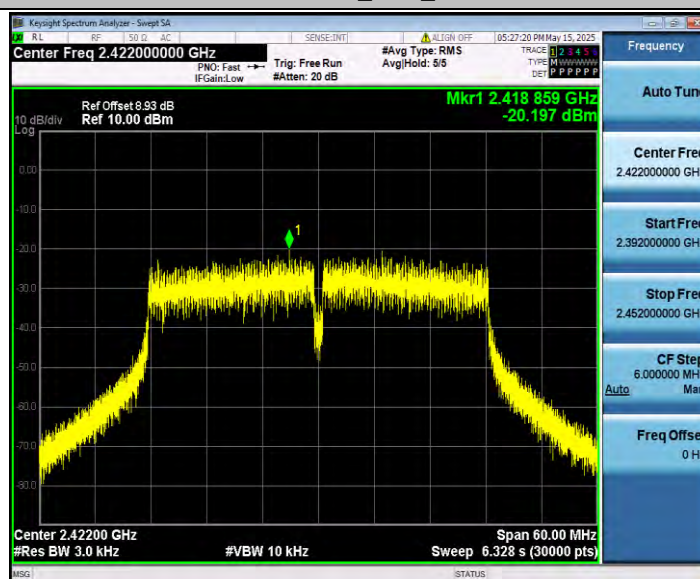
11N20SISO_Ant1_2437



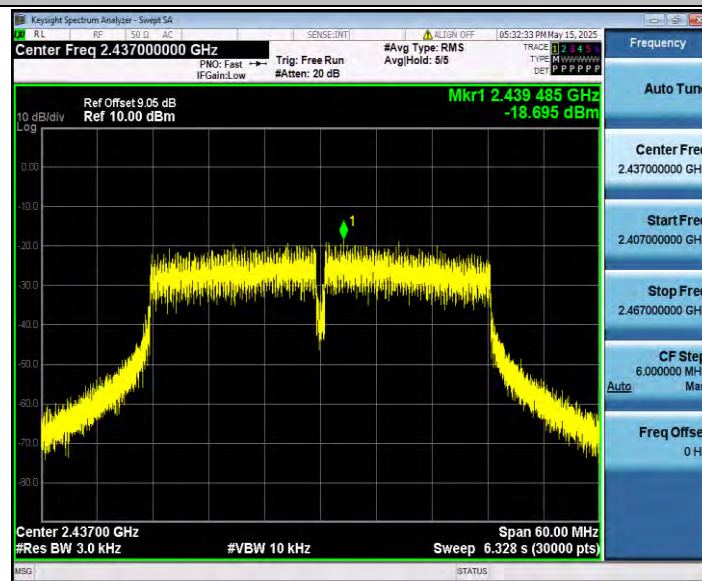
11N20SISO_Ant1_2462



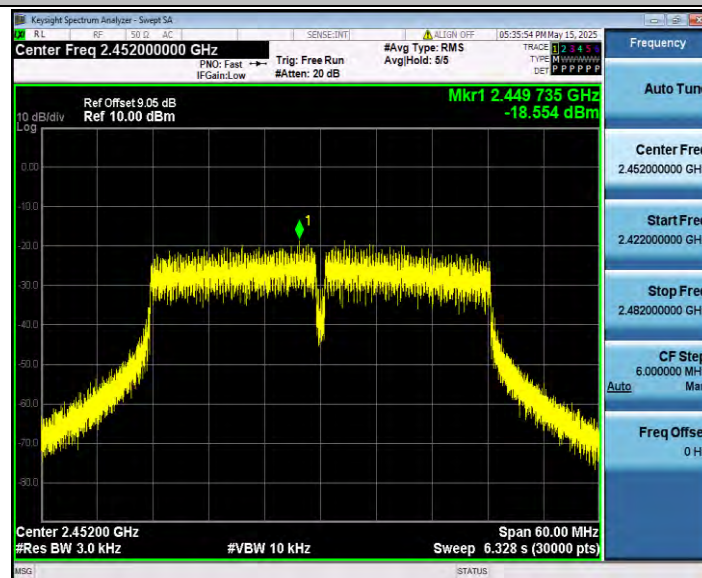
11N40SISO_Ant1_2422



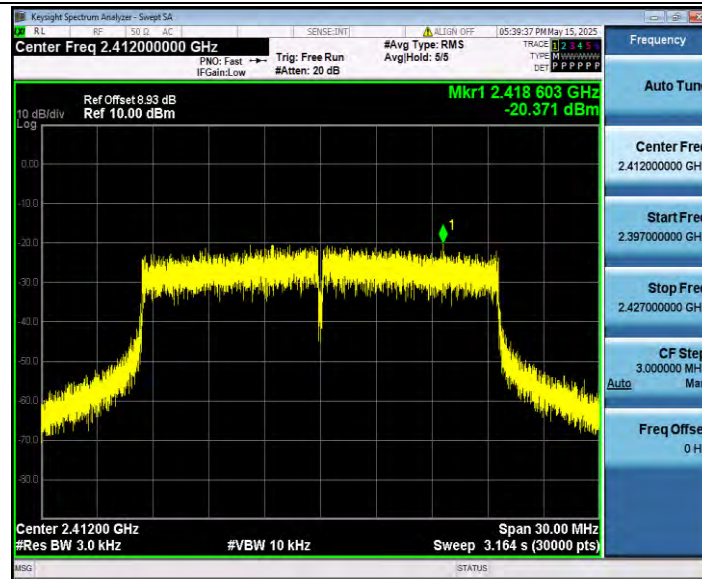
11N40SISO_Ant1_2437



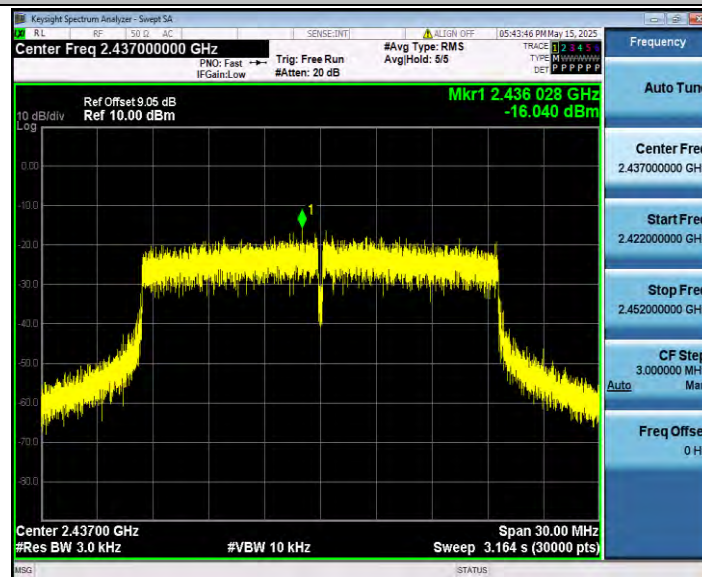
11N40SISO_Ant1_2452



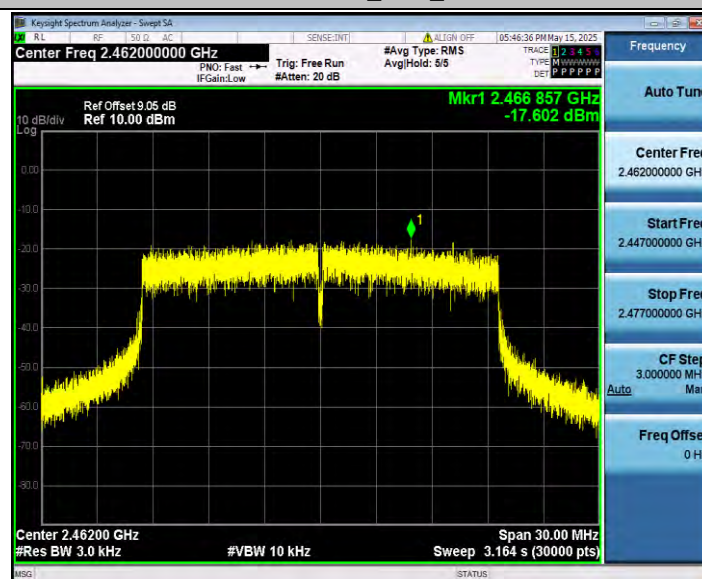
11AX20SISO_Ant1_2412



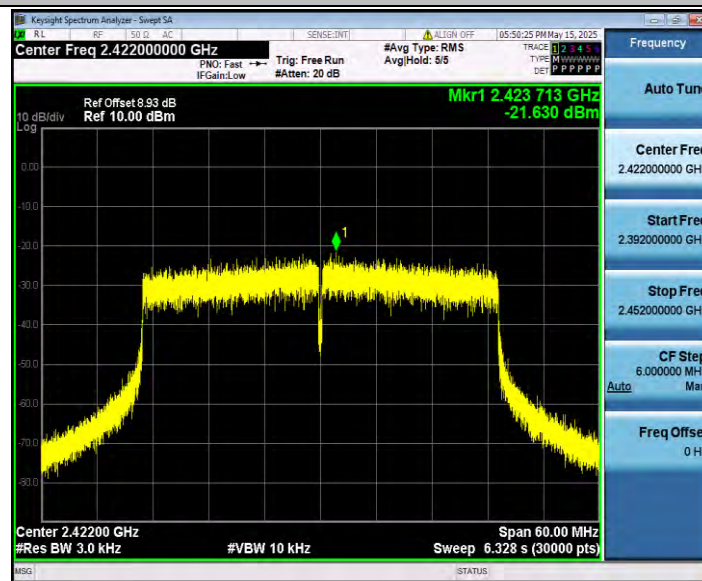
11AX20SISO_Ant1_2437



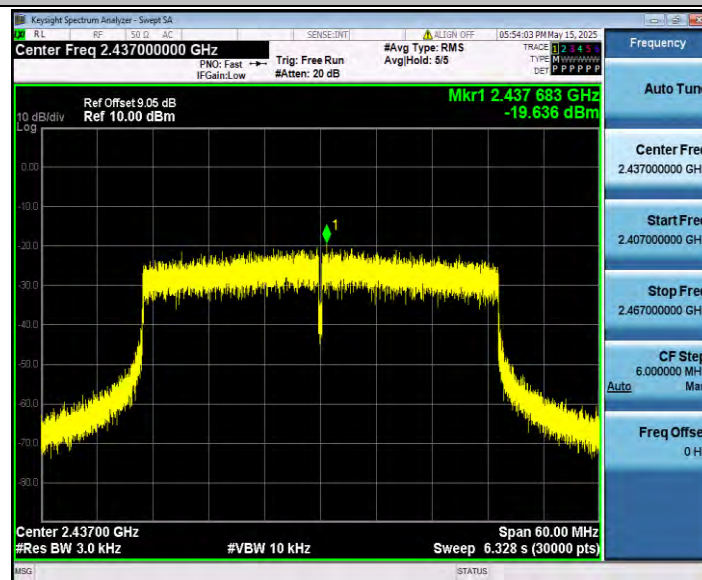
11AX20SISO_Ant1_2462



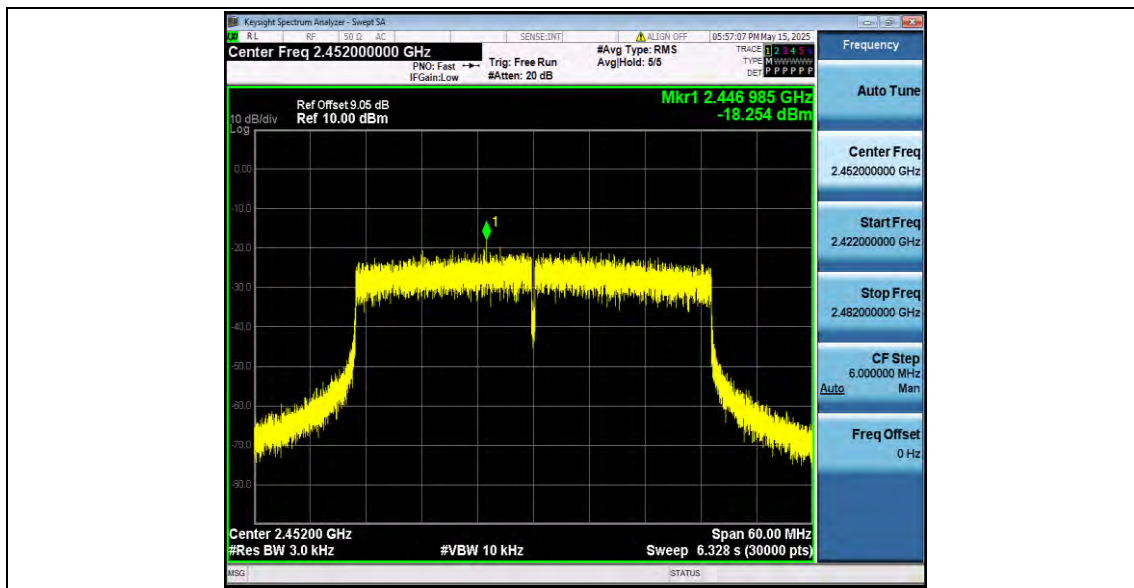
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

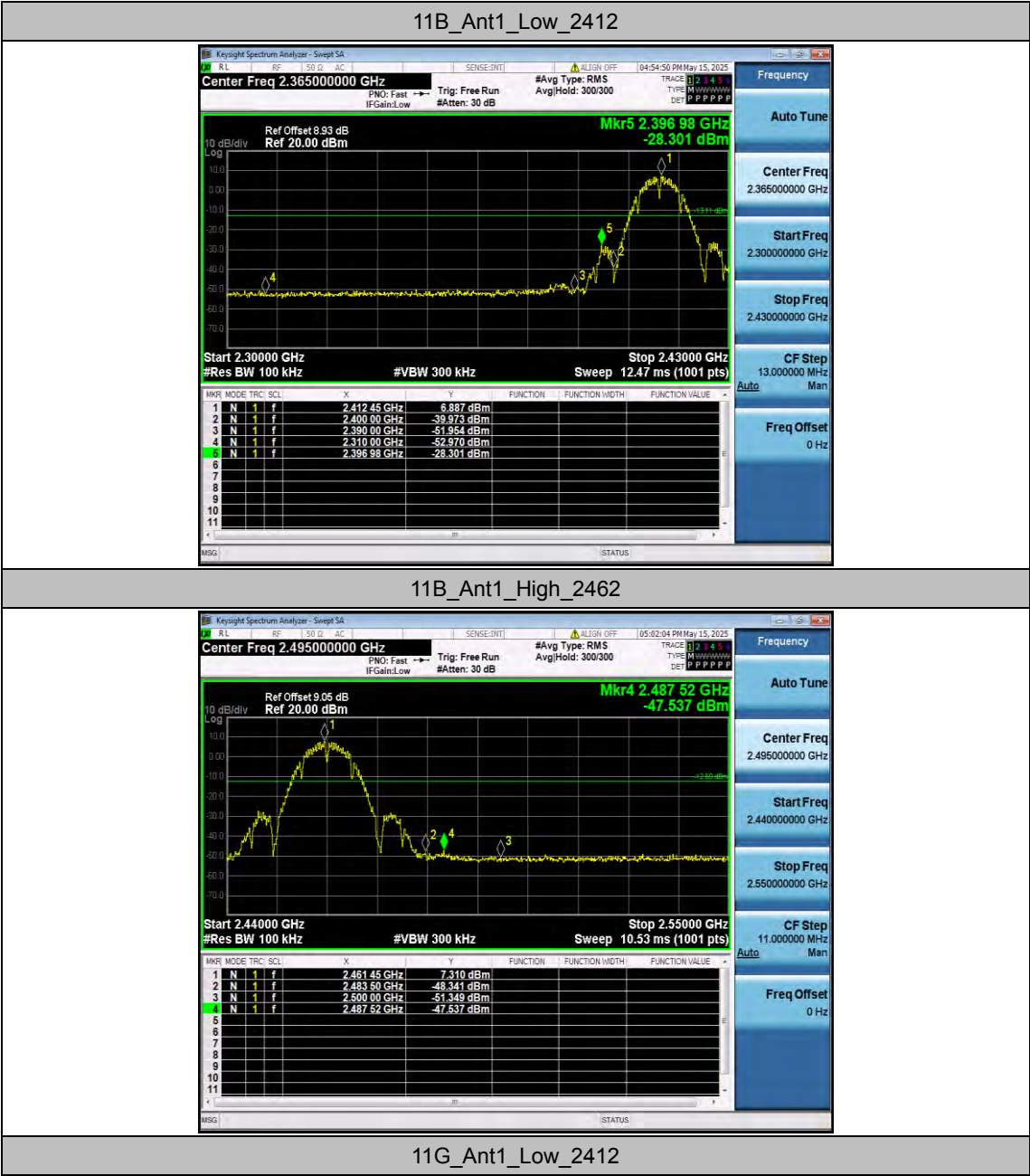


Appendix C.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.89	-28.3	≤ -13.11	PASS
		High	2462	7.31	-47.54	≤ -12.69	PASS
11G	Ant1	Low	2412	-3.99	-34.14	≤ -23.99	PASS
		High	2462	-2.01	-47.41	≤ -22.01	PASS
11N20SISO	Ant1	Low	2412	-3.72	-32.6	≤ -23.72	PASS
		High	2462	-0.98	-46.52	≤ -20.98	PASS
11N40SISO	Ant1	Low	2422	-6.29	-38.47	≤ -26.29	PASS
		High	2452	-4.46	-47.03	≤ -24.46	PASS
11AX20SISO	Ant1	Low	2412	-4.24	-32.9	≤ -24.24	PASS
		High	2462	-1.78	-46.46	≤ -21.78	PASS
11AX40SISO	Ant1	Low	2422	-6.40	-39.08	≤ -26.4	PASS
		High	2452	-4.50	-45.11	≤ -24.5	PASS

Test Graphs



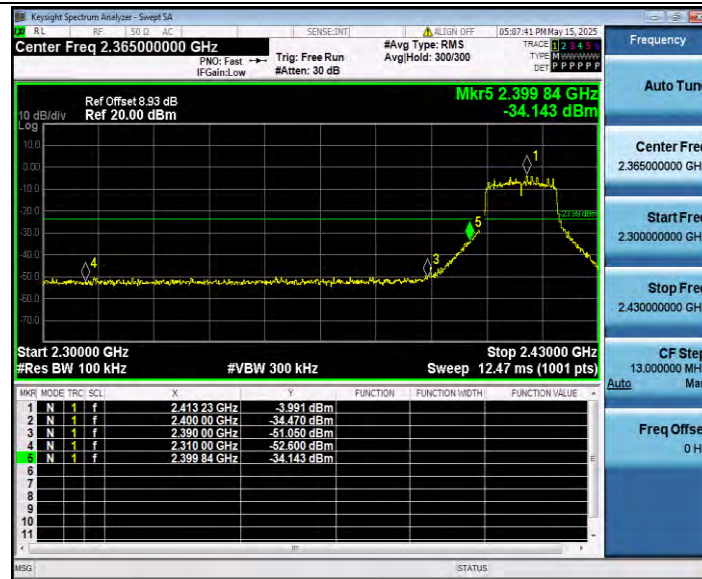
11B_Ant1_High_2462

Frequency

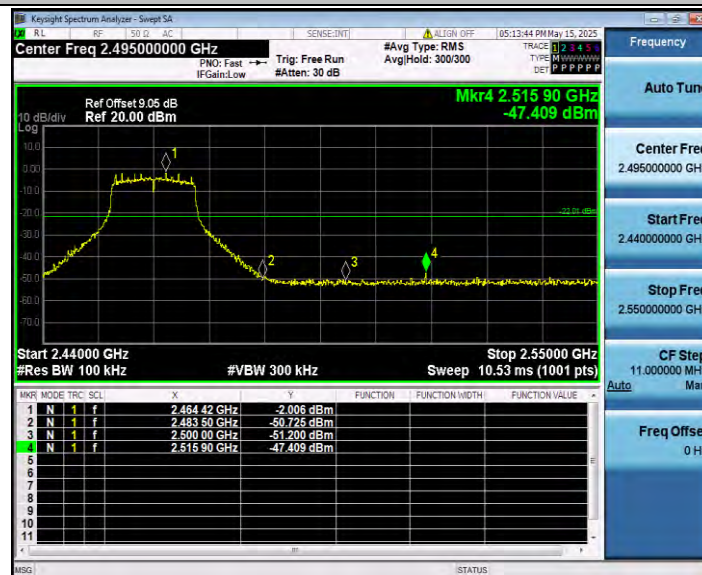
Auto Tune

Center Freq
2.495000000 GHzStart Freq
2.440000000 GHzStop Freq
2.550000000 GHzCF Step
11.000000 MHz
Auto ManFreq Offset
0 Hz

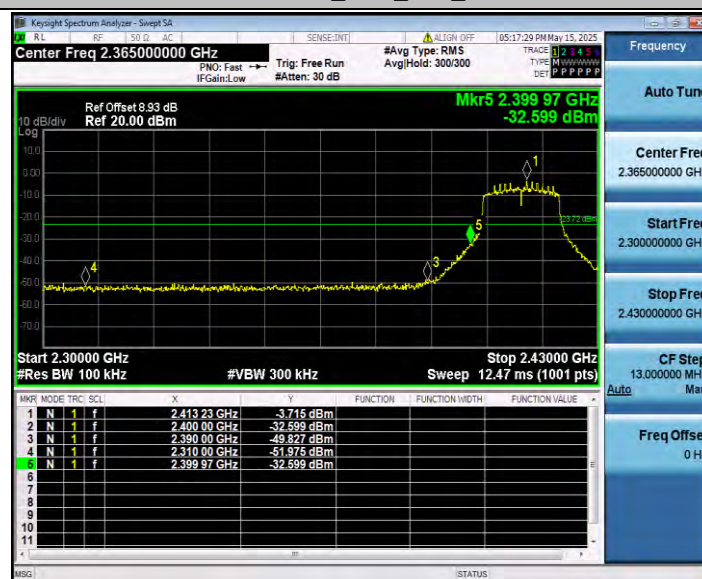
11G_Ant1_Low_2412



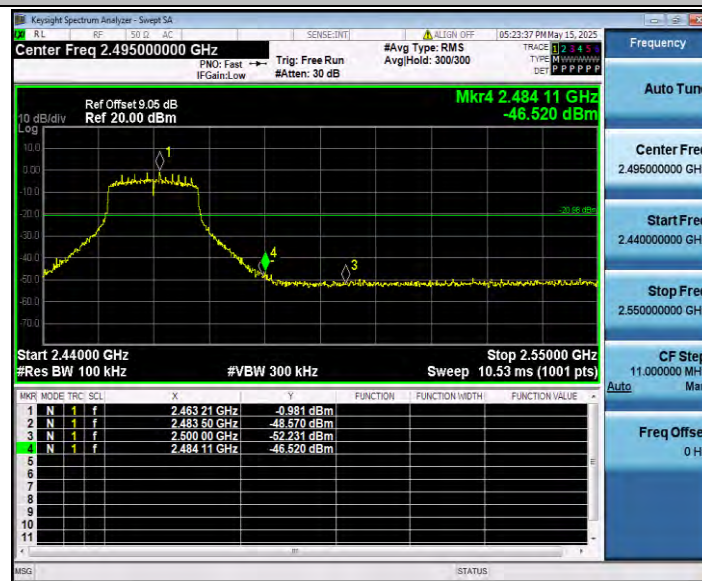
11G_Ant1_High_2462



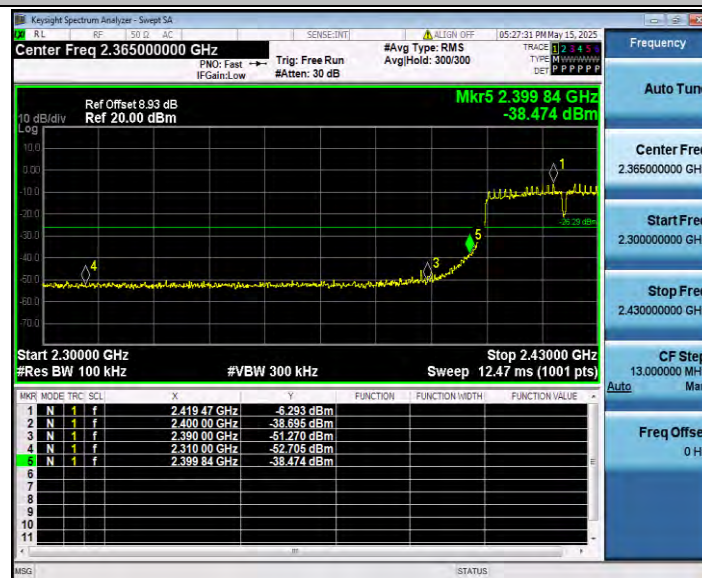
11N20SISO_Ant1_Low_2412



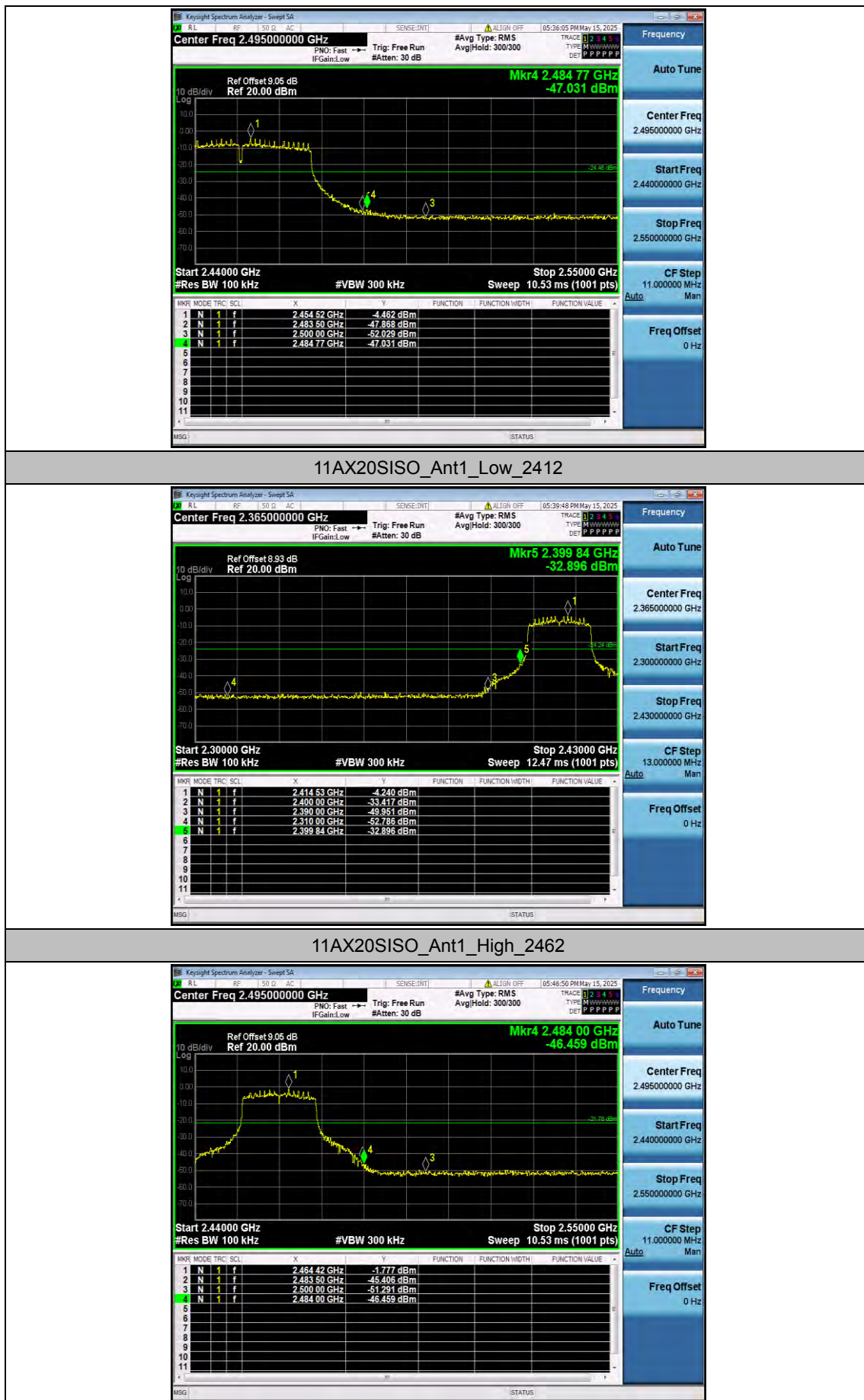
11N20SISO_Ant1_High_2462



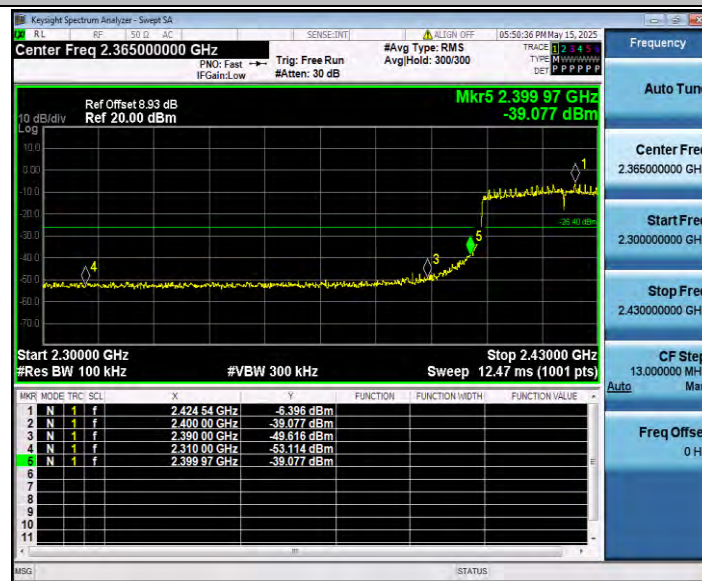
11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

