

Case No. : <u>GTS20250721010-8-02</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.7.24-2025.7.31</u>	Test Engineer: <u>Evan ouyang</u>

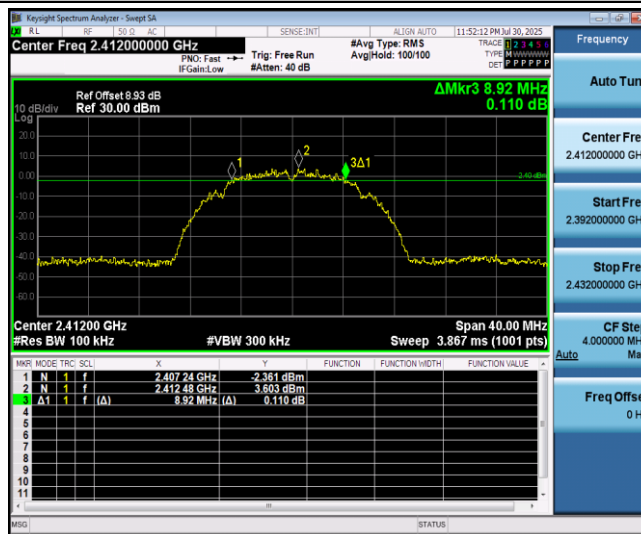
Appendix B.1: DTS Bandwidth

Test Result

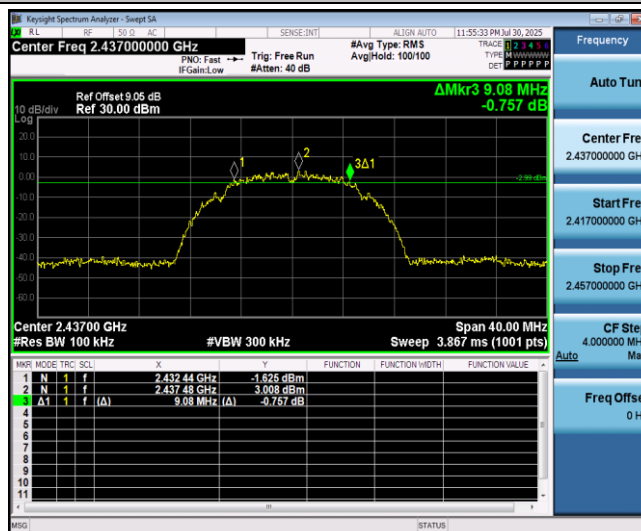
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.920	2407.240	2416.160	0.5	PASS
		2437	9.080	2432.440	2441.520	0.5	PASS
		2462	9.560	2456.920	2466.480	0.5	PASS
11G	Ant1	2412	16.040	2403.840	2419.880	0.5	PASS
		2437	16.320	2428.800	2445.120	0.5	PASS
		2462	15.400	2454.080	2469.480	0.5	PASS
11N20SISO	Ant1	2412	17.120	2403.400	2420.520	0.5	PASS
		2437	17.560	2428.200	2445.760	0.5	PASS
		2462	16.040	2453.840	2469.880	0.5	PASS
11N40SISO	Ant1	2422	30.080	2406.960	2437.040	0.5	PASS
		2437	31.200	2420.760	2451.960	0.5	PASS
		2452	28.560	2438.480	2467.040	0.5	PASS
11AX20SISO	Ant1	2412	17.800	2402.960	2420.760	0.5	PASS
		2437	17.680	2428.320	2446.000	0.5	PASS
		2462	17.840	2453.080	2470.920	0.5	PASS

Test Graphs

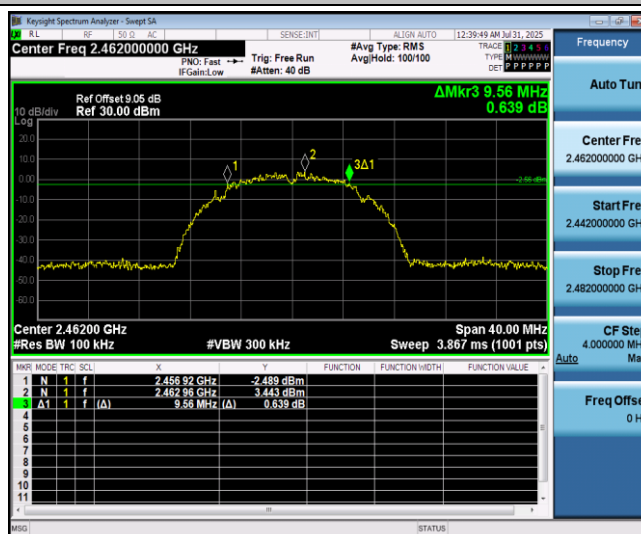
11B_Ant1_2412



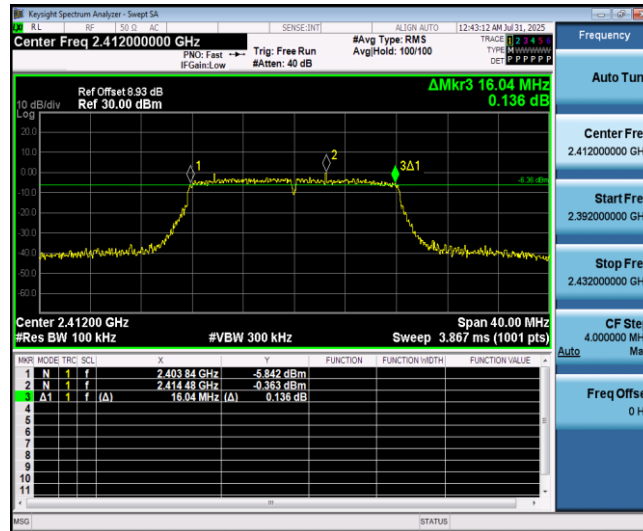
11B_Ant1_2437



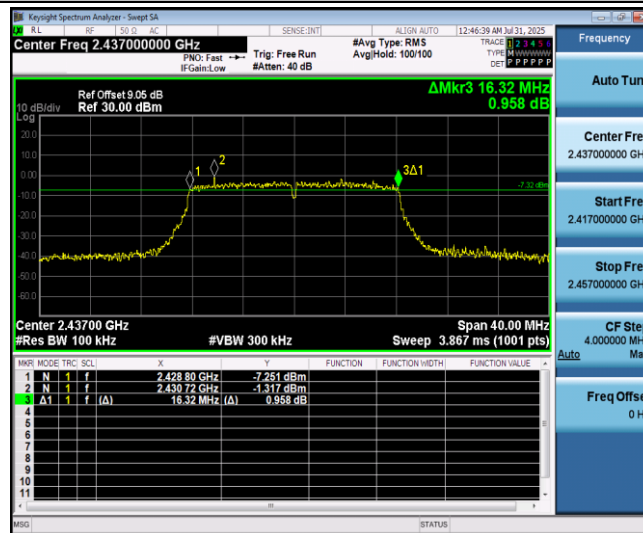
11B_Ant1_2462



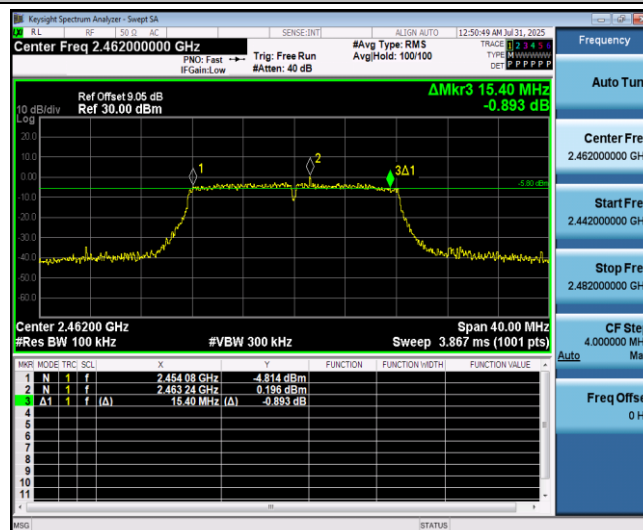
11G_Ant1_2412



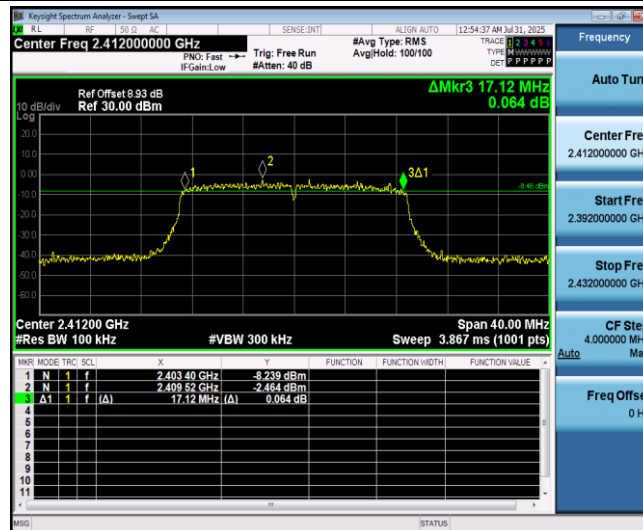
11G_Ant1_2437



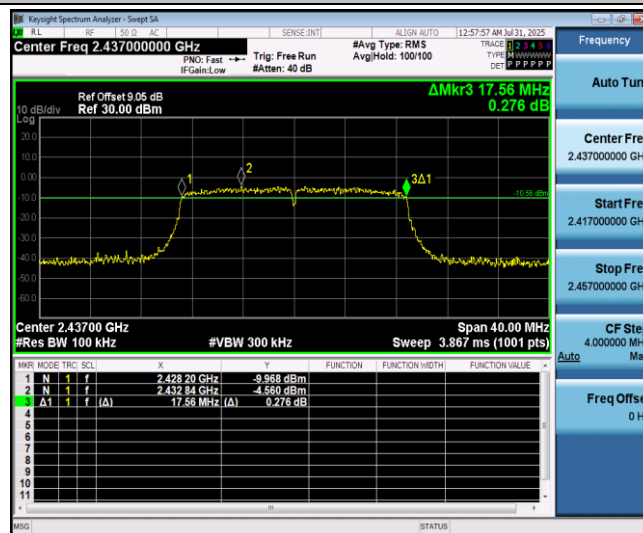
11G_Ant1_2462



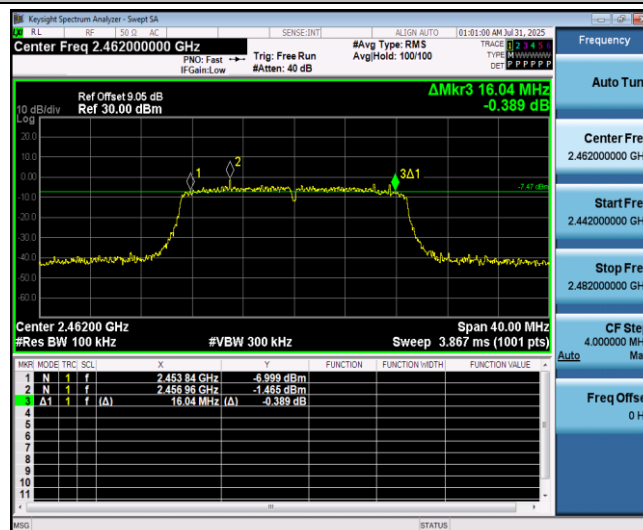
11N20SISO_Ant1_2412



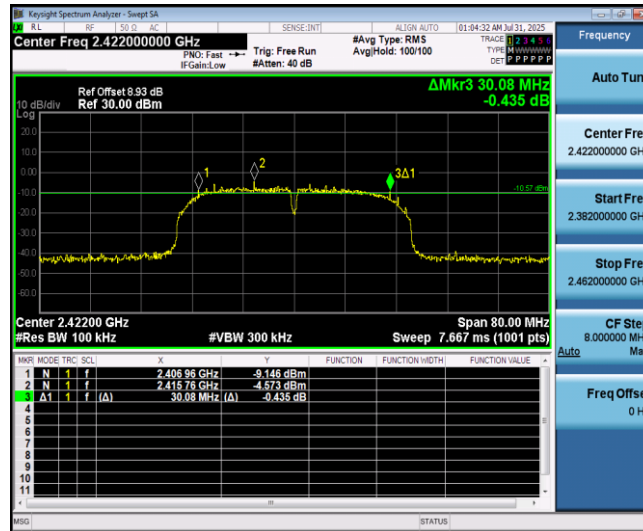
11N20SISO_Ant1_2437



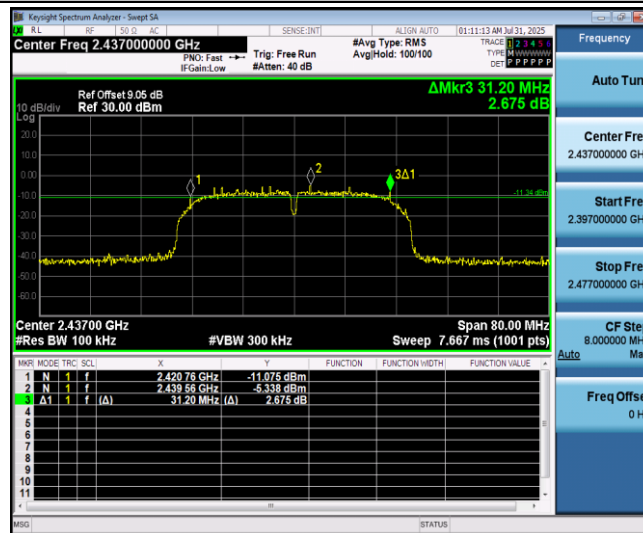
11N20SISO_Ant1_2462



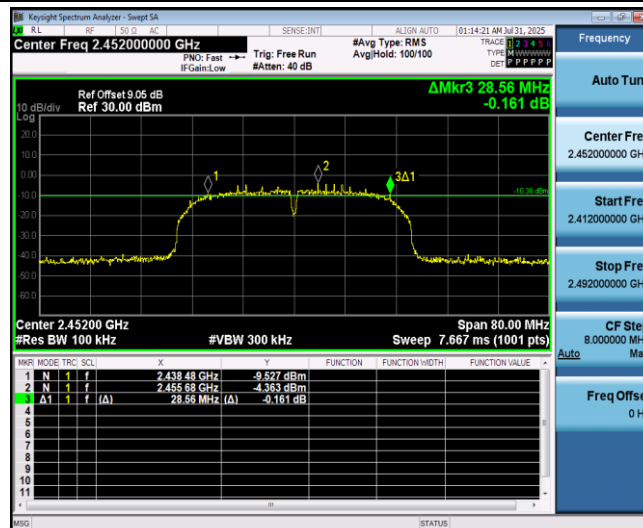
11N40SISO_Ant1_2422



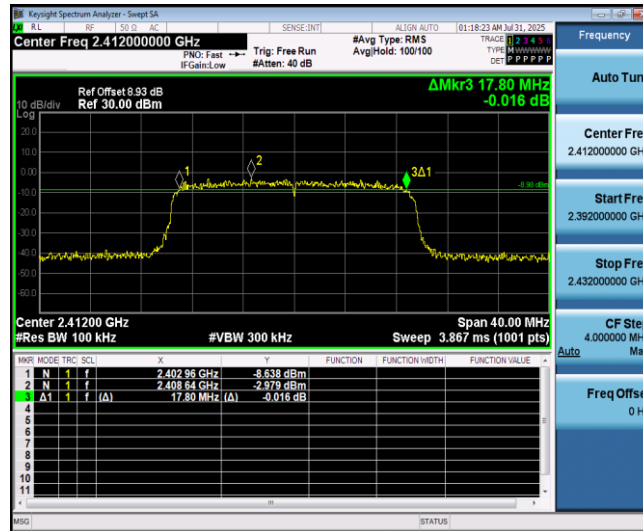
11N40SISO_Ant1_2437



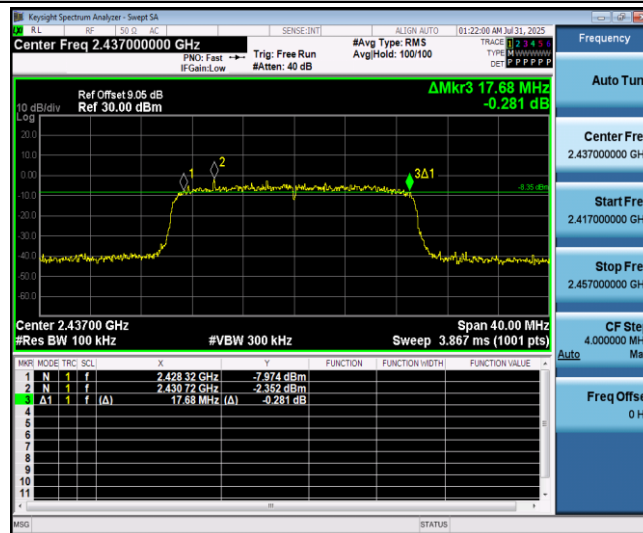
11N40SISO_Ant1_2452



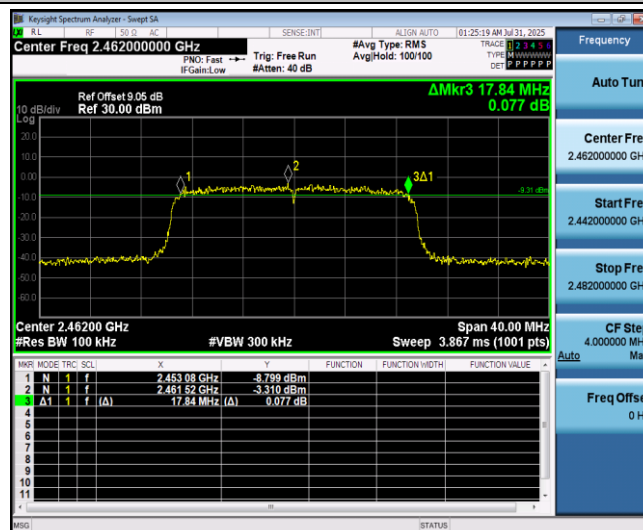
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



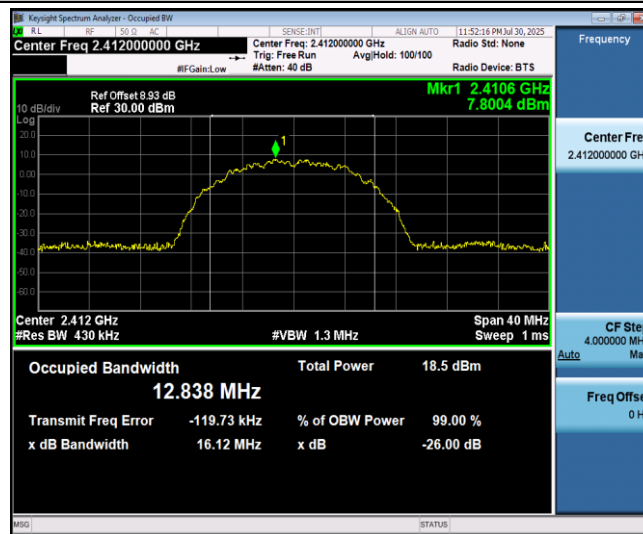
Appendix B.2: Occupied Channel Bandwidth

Test Result

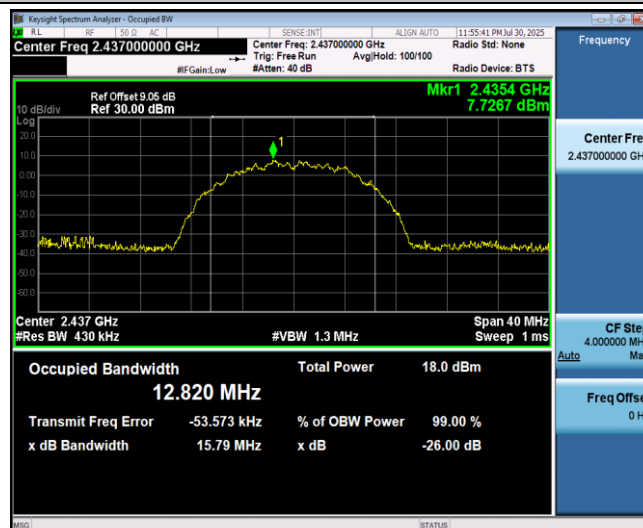
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.838	2405.4613	2418.2993	---	---
		2437	12.820	2430.5364	2443.3564	---	---
		2462	12.802	2455.5248	2468.3268	---	---
11G	Ant1	2412	16.679	2403.6073	2420.2863	---	---
		2437	16.685	2428.6424	2445.3274	---	---
		2462	16.690	2453.6020	2470.2920	---	---
11N20SISO	Ant1	2412	17.592	2403.1583	2420.7503	---	---
		2437	17.634	2428.1729	2445.8069	---	---
		2462	17.599	2453.1744	2470.7734	---	---
11N40SISO	Ant1	2422	33.490	2405.1231	2438.6131	---	---
		2437	33.568	2420.1803	2453.7483	---	---
		2452	33.363	2435.3168	2468.6798	---	---
11AX20SISO	Ant1	2412	18.436	2402.7275	2421.1635	---	---
		2437	18.522	2427.7070	2446.2290	---	---
		2462	18.502	2452.7392	2471.2412	---	---

Test Graphs

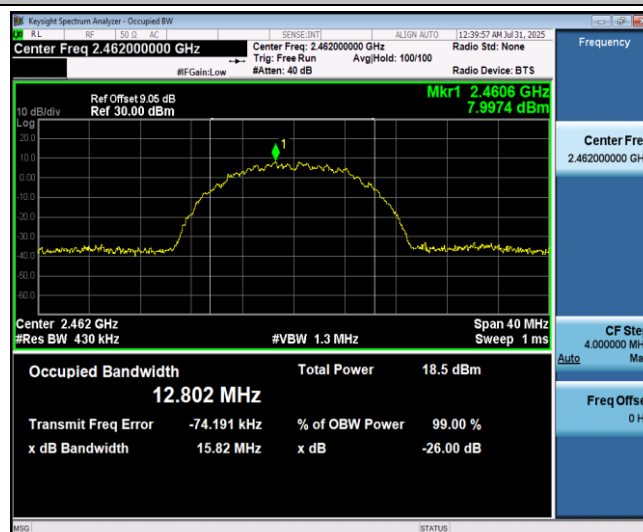
11B_Ant1_2412



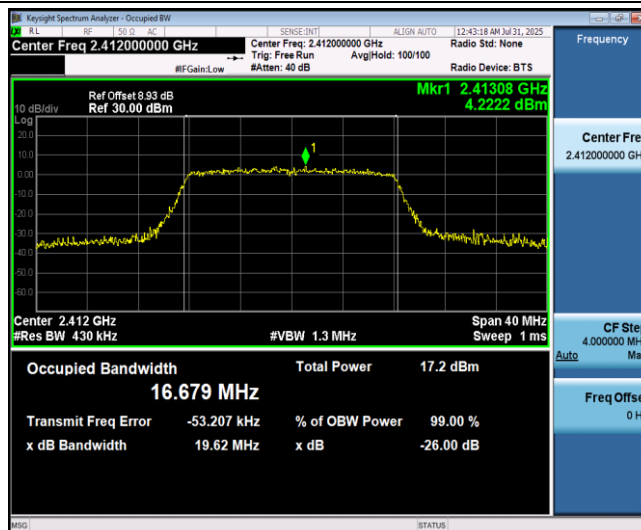
11B_Ant1_2437



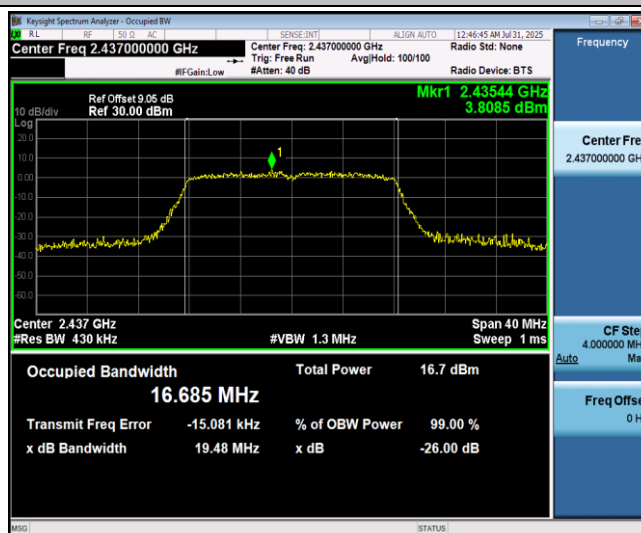
11B_Ant1_2462



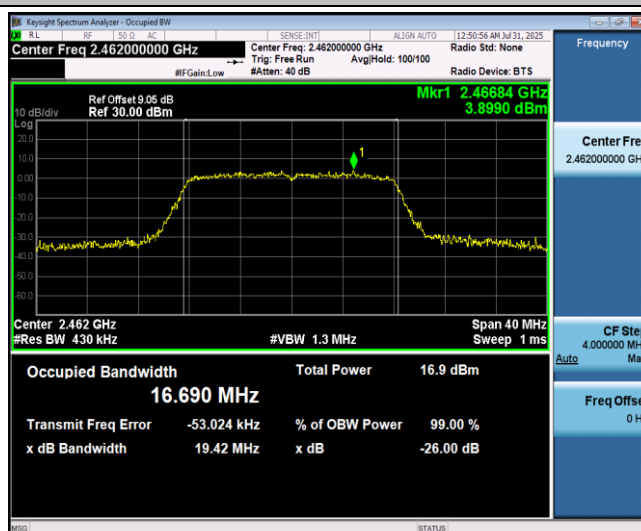
11G_Ant1_2412



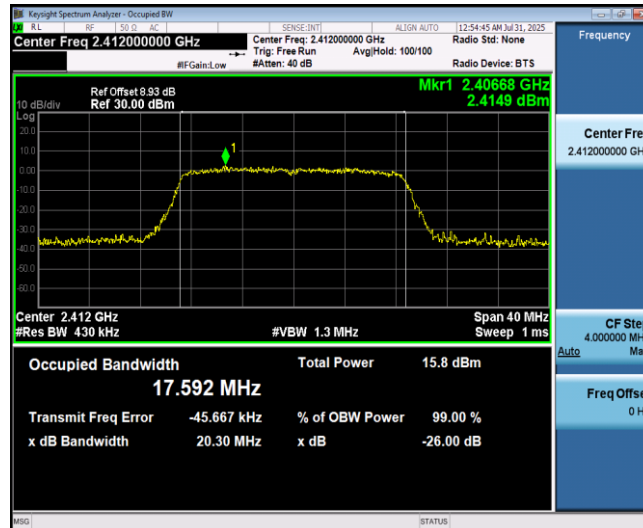
11G_Ant1_2437



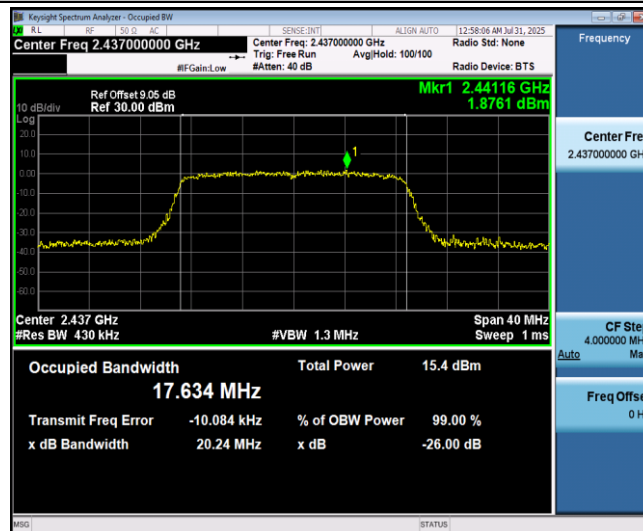
11G_Ant1_2462



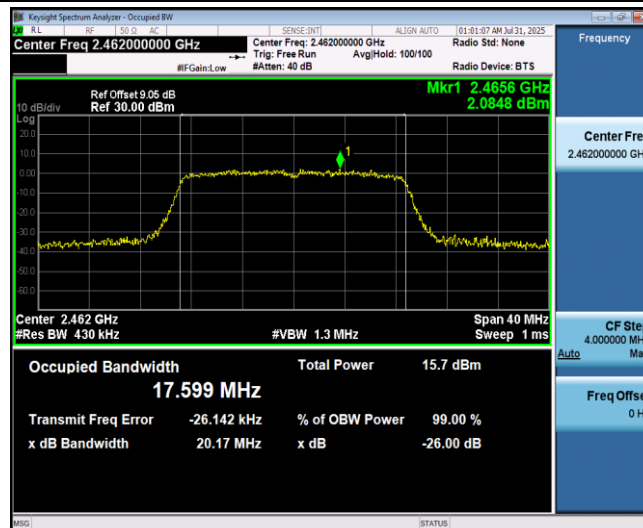
11N20SISO_Ant1_2412



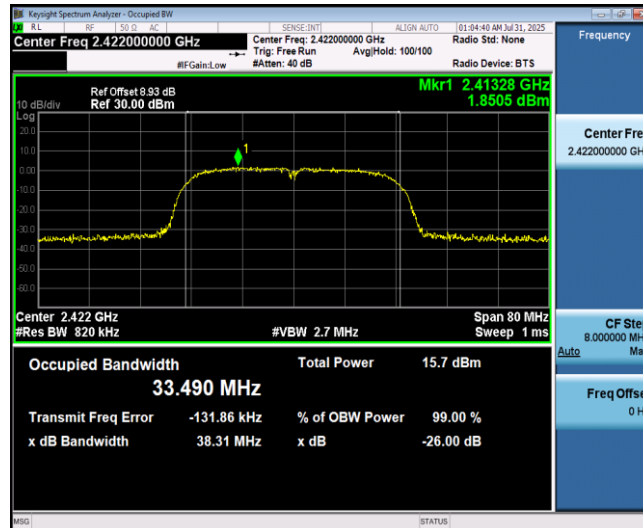
11N20SISO_Ant1_2437



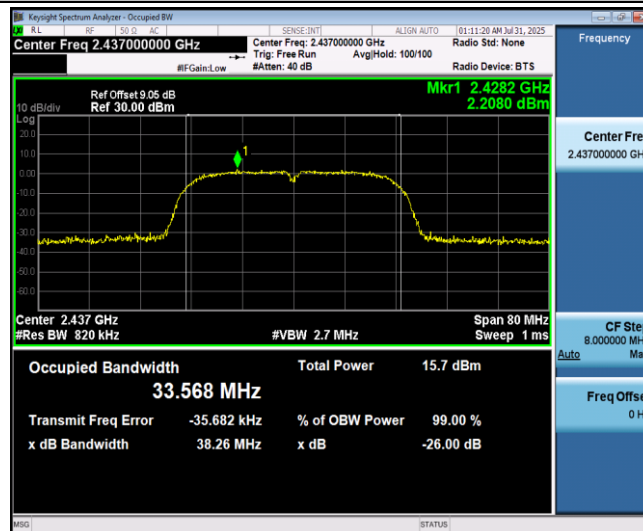
11N20SISO_Ant1_2462



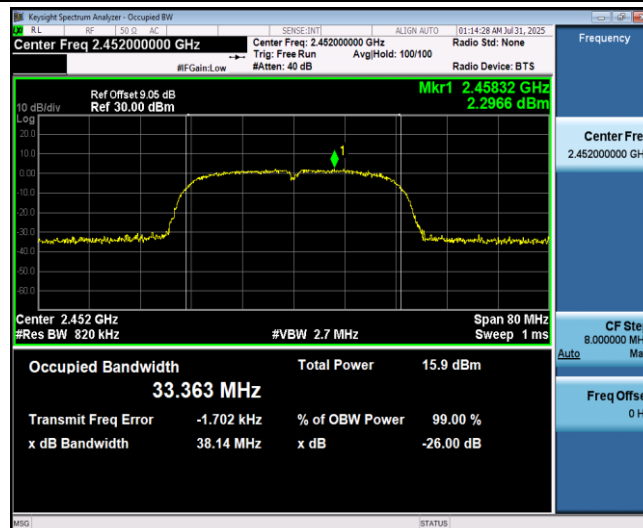
11N40SISO_Ant1_2422



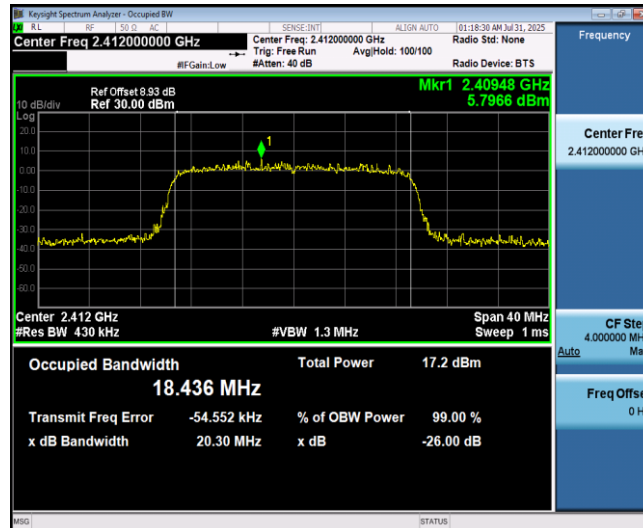
11N40SISO_Ant1_2437



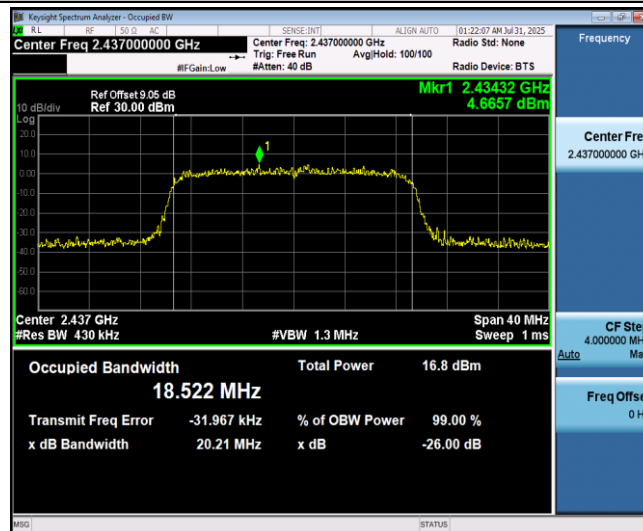
11N40SISO_Ant1_2452



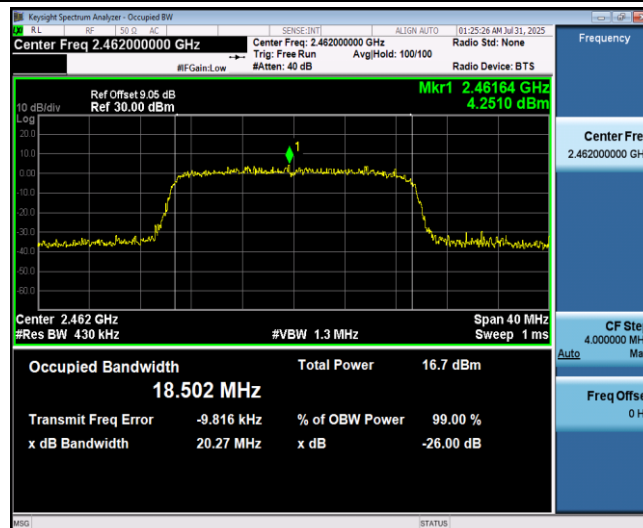
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	20.66	≤30.00	PASS
		2437	20.13	≤30.00	PASS
		2462	20.65	≤30.00	PASS
11G	Ant1	2412	20.41	≤30.00	PASS
		2437	20.97	≤30.00	PASS
		2462	20.26	≤30.00	PASS
11N20SISO	Ant1	2412	20.99	≤30.00	PASS
		2437	20.54	≤30.00	PASS
		2462	20.76	≤30.00	PASS
11N40SISO	Ant1	2422	20.10	≤30.00	PASS
		2437	20.09	≤30.00	PASS
		2452	20.25	≤30.00	PASS
11AX20SISO	Ant1	2412	20.01	≤30.00	PASS
		2437	20.39	≤30.00	PASS
		2462	20.52	≤30.00	PASS

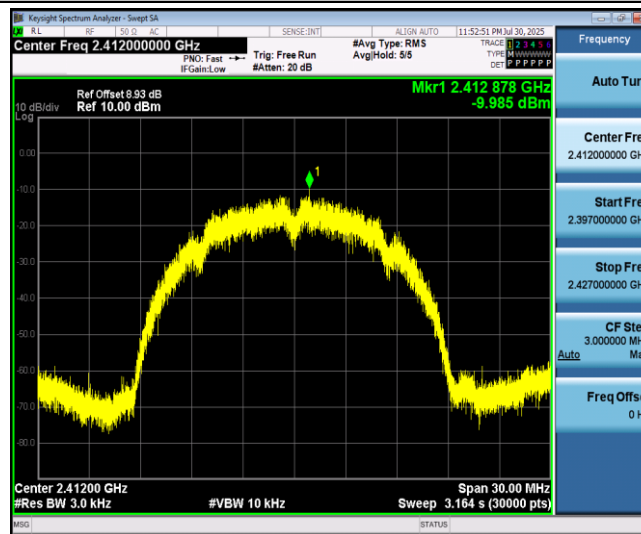
Appendix B.4: Maximum power spectral density

Test Result

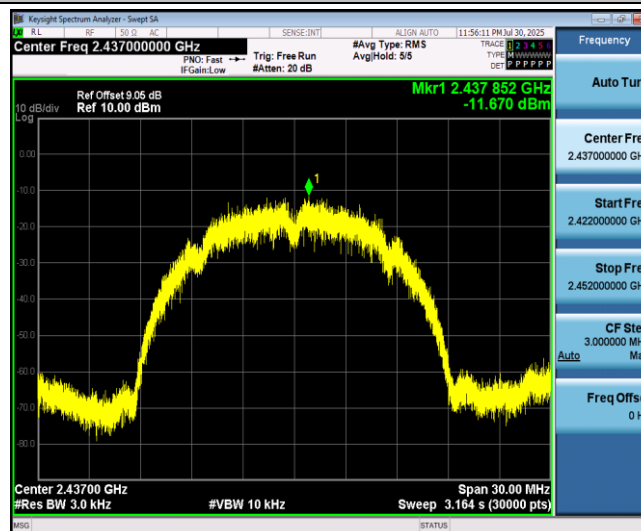
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.99	≤8.00	PASS
		2437	-11.67	≤8.00	PASS
		2462	-10.57	≤8.00	PASS
11G	Ant1	2412	-13.91	≤8.00	PASS
		2437	-14.22	≤8.00	PASS
		2462	-14.95	≤8.00	PASS
11N20SISO	Ant1	2412	-14.58	≤8.00	PASS
		2437	-15.47	≤8.00	PASS
		2462	-14.85	≤8.00	PASS
11N40SISO	Ant1	2422	-19.35	≤8.00	PASS
		2437	-18.93	≤8.00	PASS
		2452	-18.21	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.83	≤8.00	PASS
		2437	-13.02	≤8.00	PASS
		2462	-13.05	≤8.00	PASS

Test Graphs

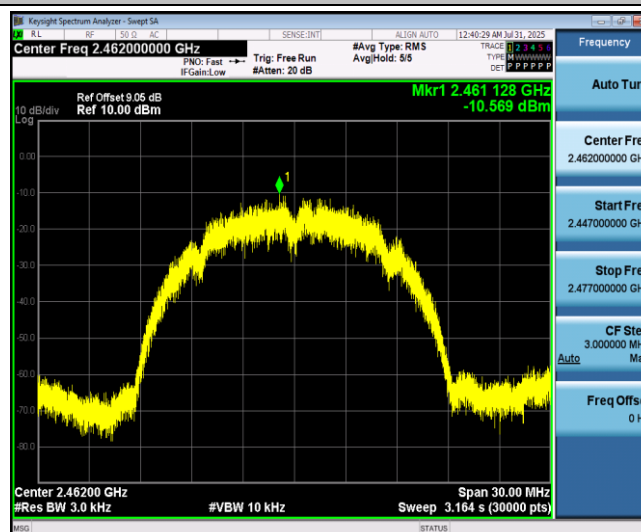
11B_Ant1_2412



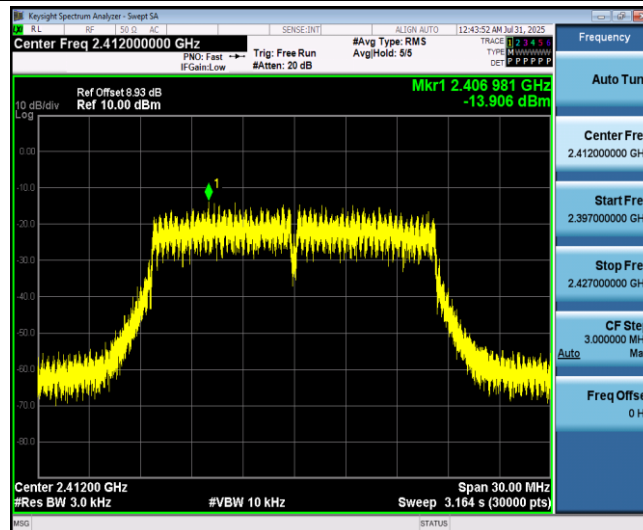
11B_Ant1_2437



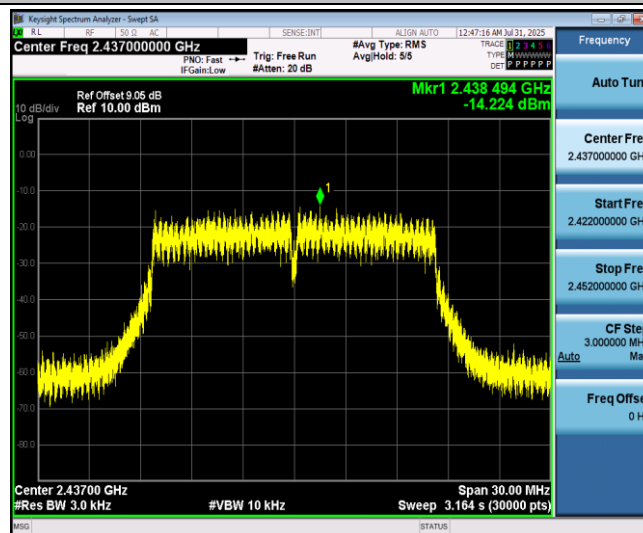
11B_Ant1_2462



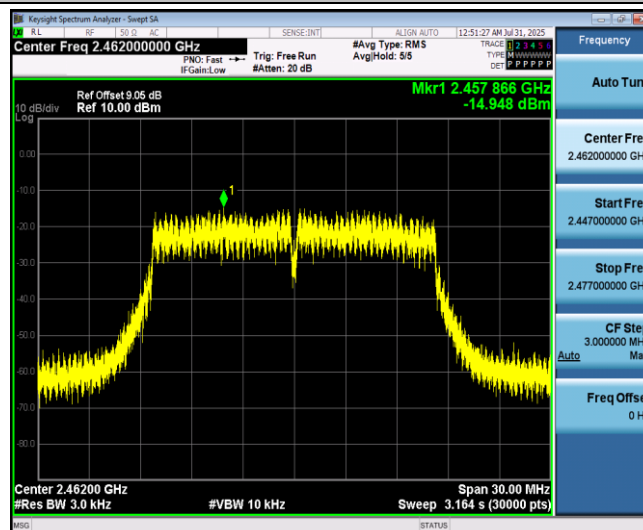
11G_Ant1_2412



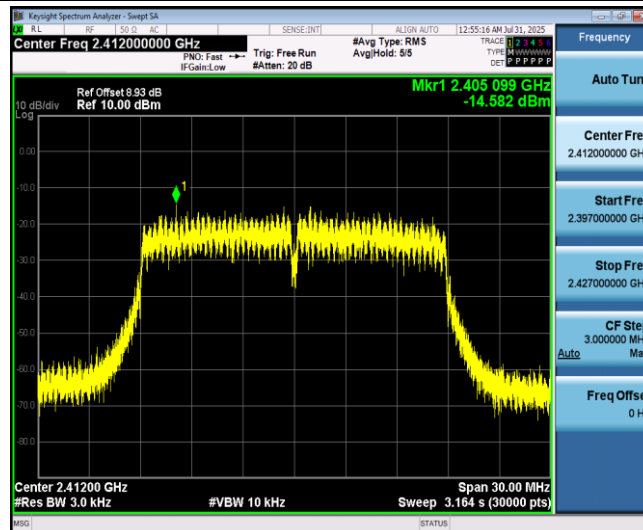
11G_Ant1_2437



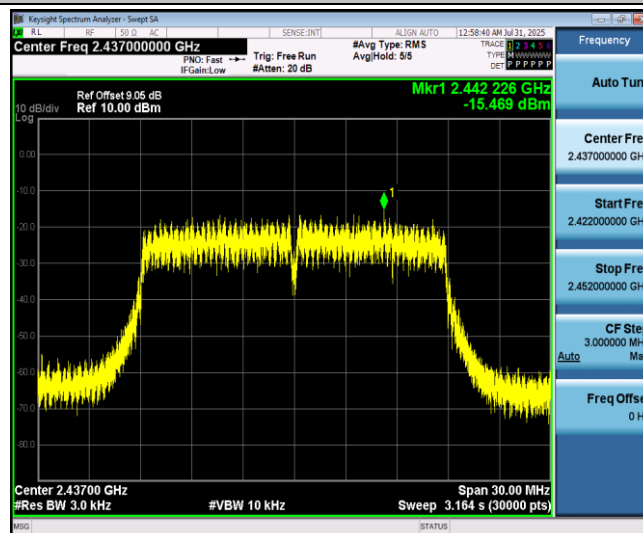
11G_Ant1_2462



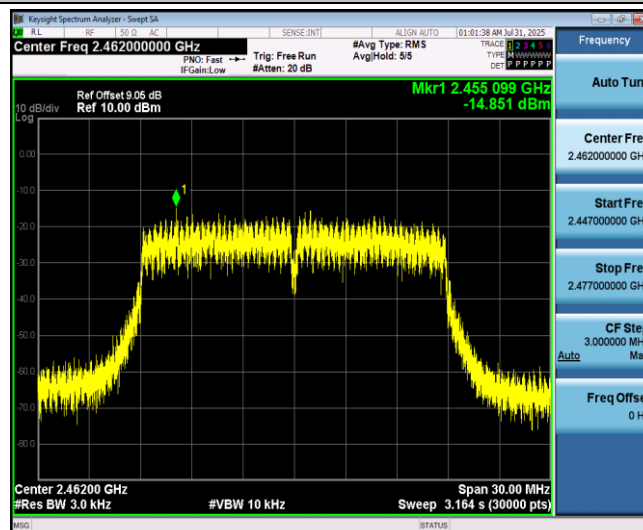
11N20SISO_Ant1_2412



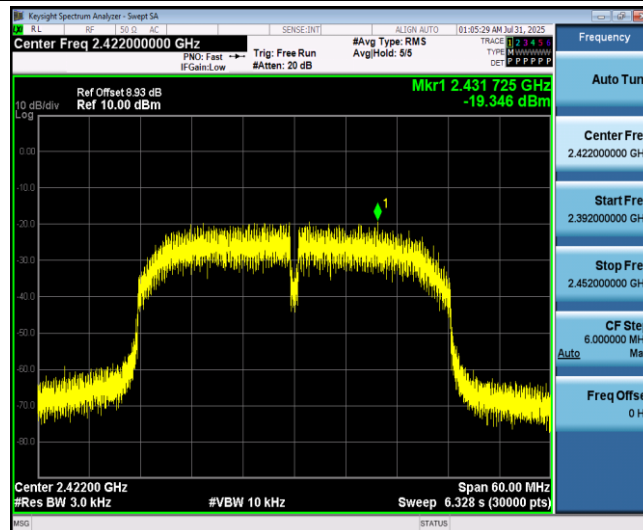
11N20SISO_Ant1_2437



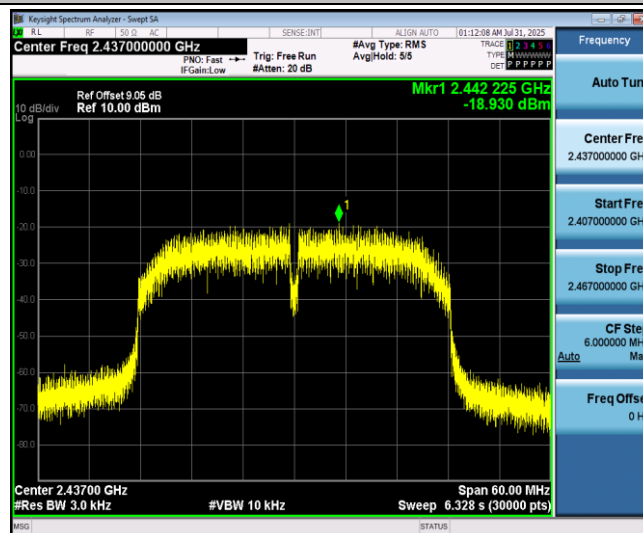
11N20SISO_Ant1_2462



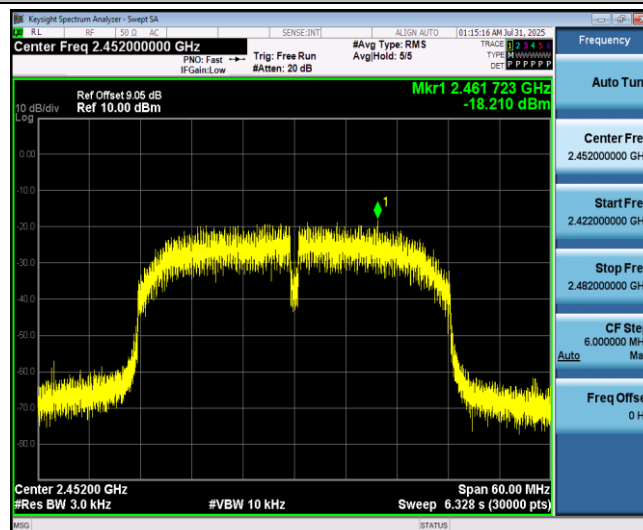
11N40SISO_Ant1_2422



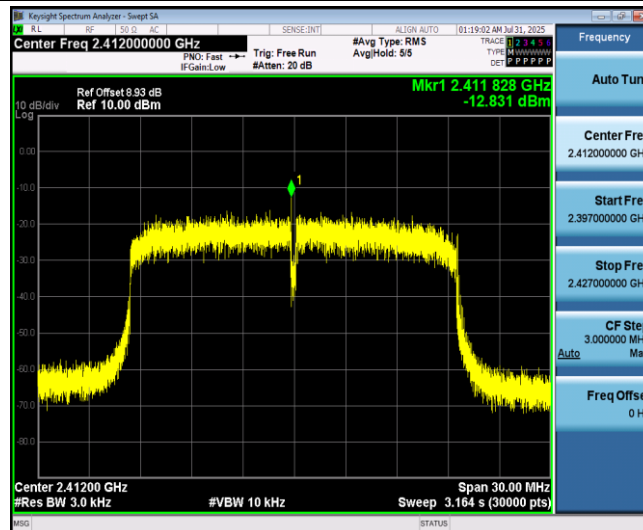
11N40SISO_Ant1_2437



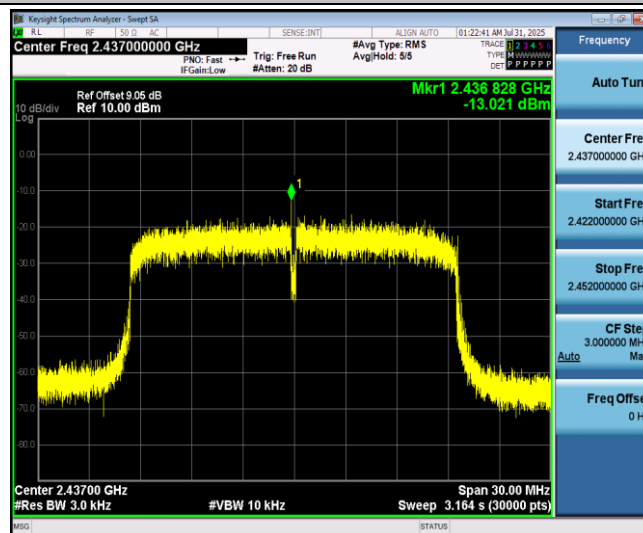
11N40SISO_Ant1_2452



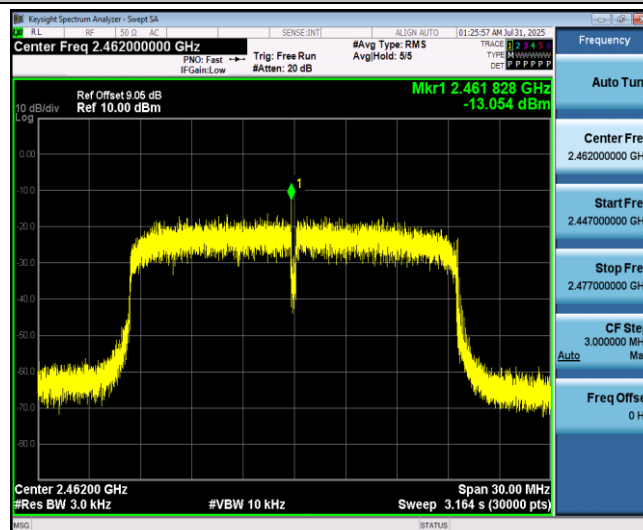
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.47	-41.35	≤ -16.53	PASS
		High	2462	4.55	-46.23	≤ -15.45	PASS
11G	Ant1	Low	2412	-0.53	-37.02	≤ -20.53	PASS
		High	2462	0.26	-43.15	≤ -19.74	PASS
11N20SISO	Ant1	Low	2412	-1.80	-40.74	≤ -21.8	PASS
		High	2462	-1.66	-45.67	≤ -21.66	PASS
11N40SISO	Ant1	Low	2422	-4.12	-41.84	≤ -24.12	PASS
		High	2452	-4.45	-29.75	≤ -24.45	PASS
11AX20SISO	Ant1	Low	2412	-1.96	-41.56	≤ -21.96	PASS
		High	2462	-1.72	-46.34	≤ -21.72	PASS