

Case No. : <u>GTS20250331002-2-08</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.4.10</u>	Test Engineer: <u>Evan ouyang</u>

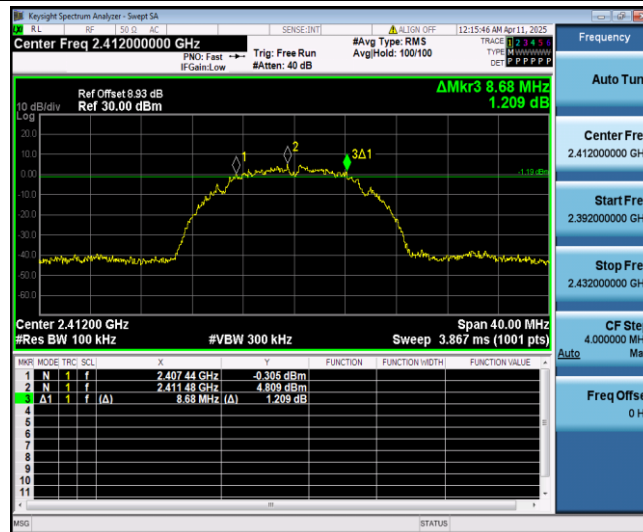
Appendix B.1: DTS Bandwidth

Test Result

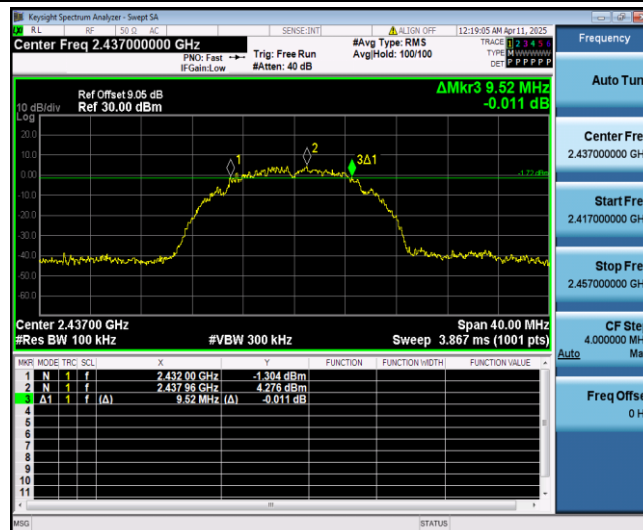
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.680	2407.440	2416.120	0.5	PASS
		2437	9.520	2432.000	2441.520	0.5	PASS
		2462	8.000	2458.040	2466.040	0.5	PASS
11G	Ant1	2412	16.320	2403.800	2420.120	0.5	PASS
		2437	16.080	2428.840	2444.920	0.5	PASS
		2462	15.920	2453.840	2469.760	0.5	PASS
11N20SISO	Ant1	2412	17.320	2403.200	2420.520	0.5	PASS
		2437	16.520	2428.600	2445.120	0.5	PASS
		2462	16.440	2453.440	2469.880	0.5	PASS
11N40SISO	Ant1	2422	29.680	2405.680	2435.360	0.5	PASS
		2437	28.800	2421.960	2450.760	0.5	PASS
		2452	27.760	2436.960	2464.720	0.5	PASS
11AX20SISO	Ant1	2412	16.840	2403.520	2420.360	0.5	PASS
		2437	16.880	2428.440	2445.320	0.5	PASS
		2462	17.120	2453.200	2470.320	0.5	PASS

Test Graphs

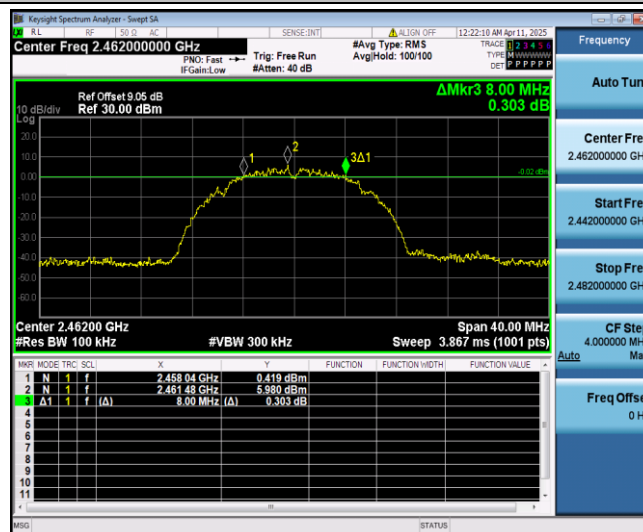
11B_Ant1_2412



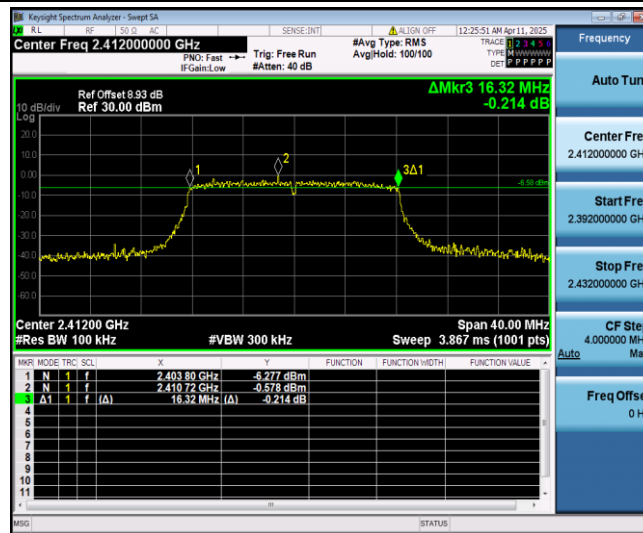
11B_Ant1_2437



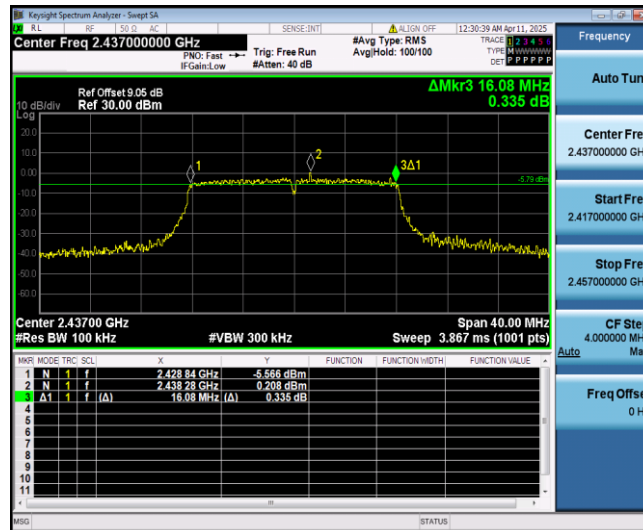
11B_Ant1_2462



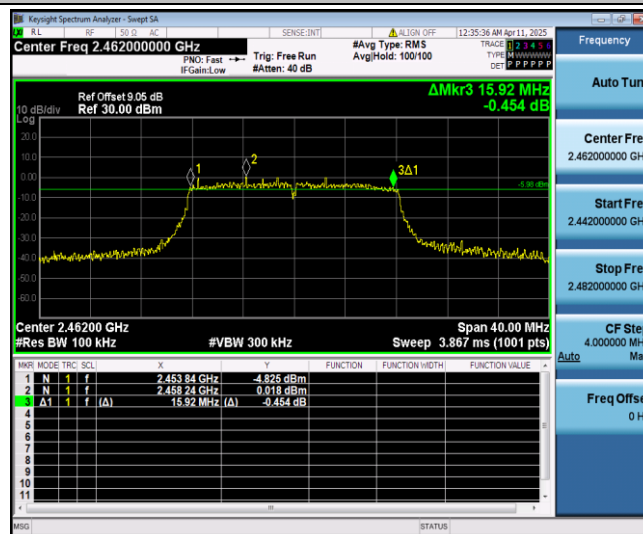
11G_Ant1_2412



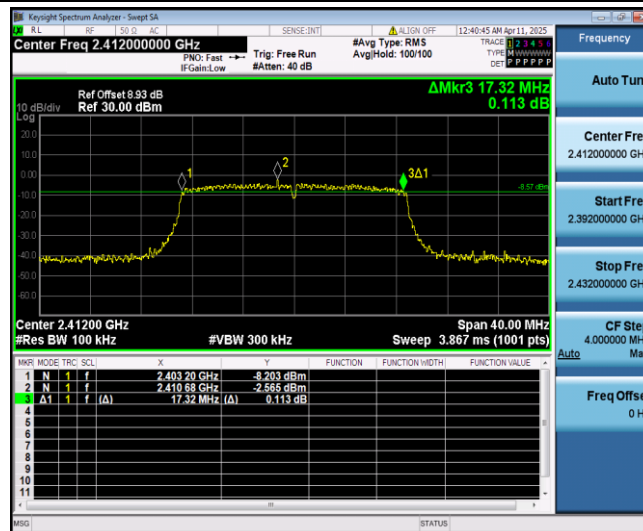
11G_Ant1_2437



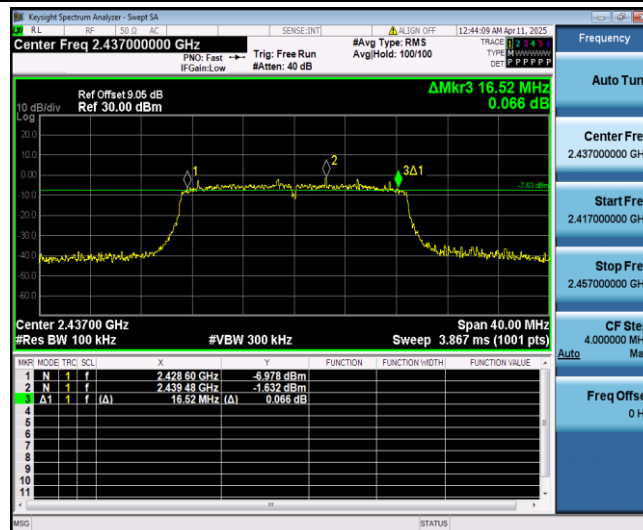
11G_Ant1_2462



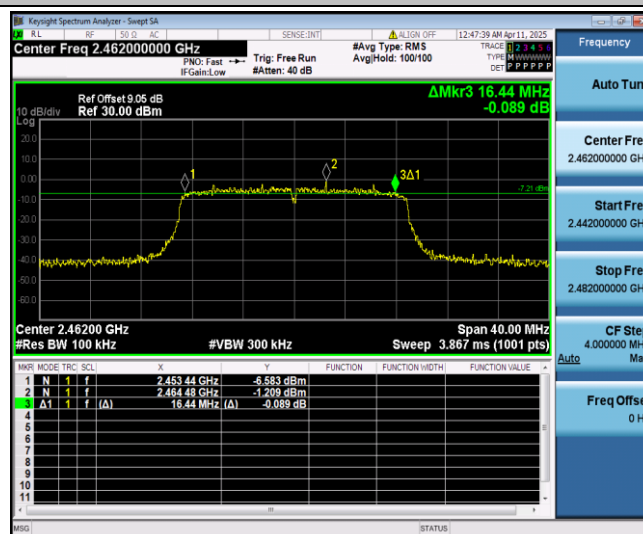
11N20SISO_Ant1_2412



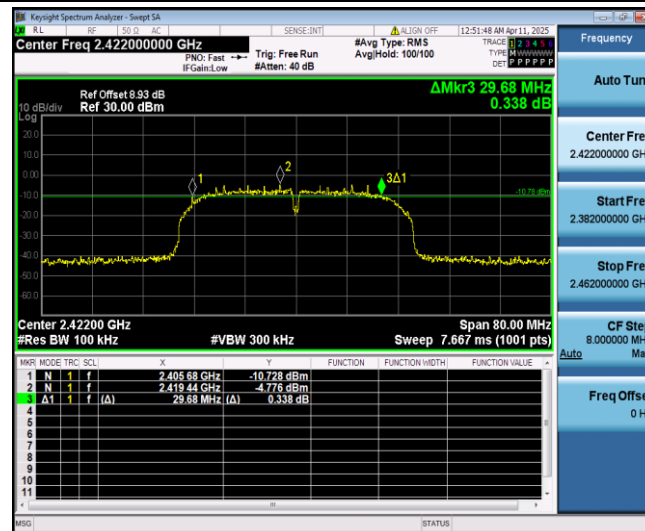
11N20SISO_Ant1_2437



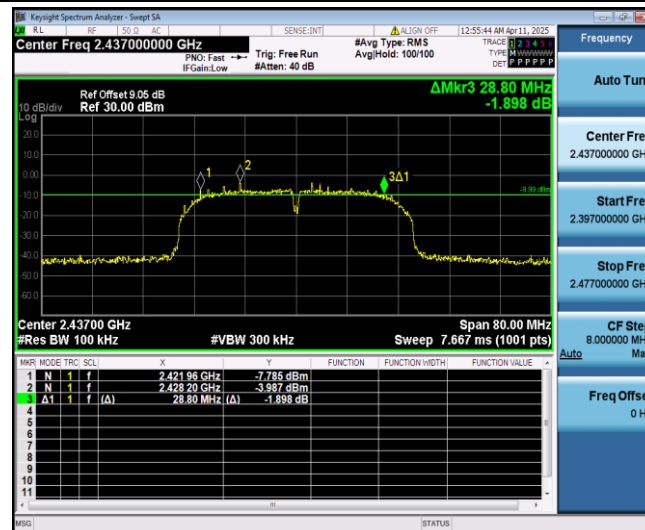
11N20SISO_Ant1_2462



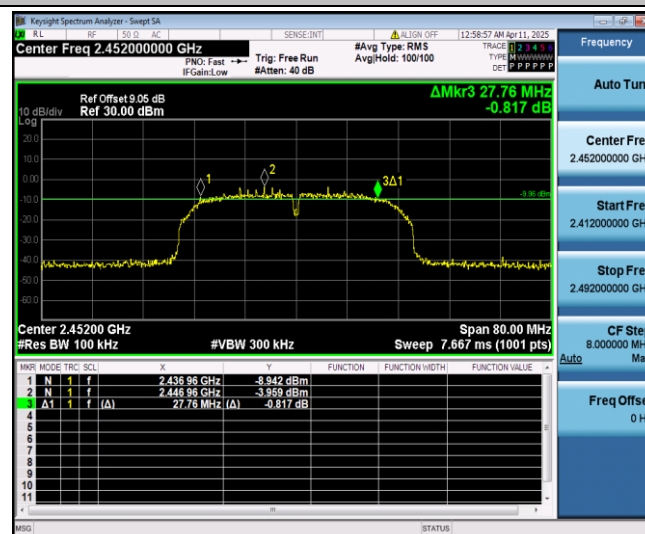
11N40SISO_Ant1_2422



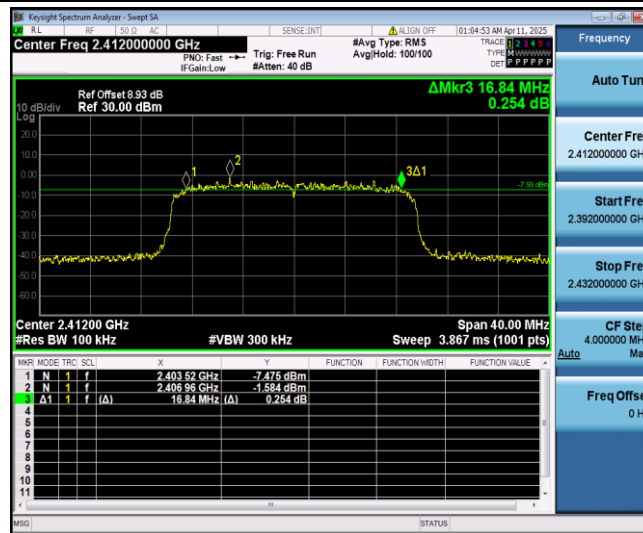
11N40SISO_Ant1_2437



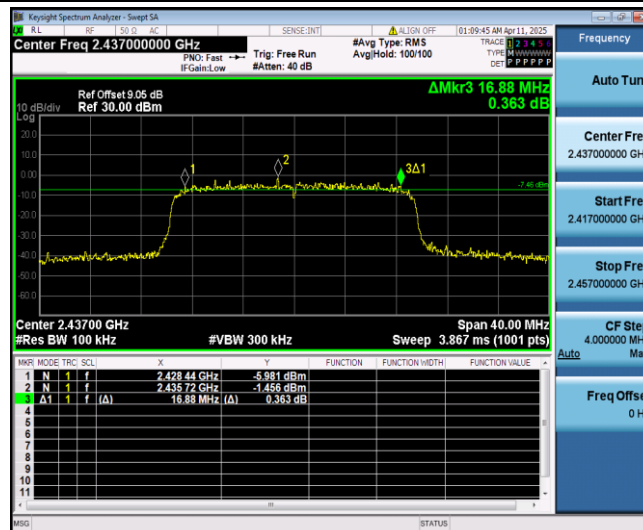
11N40SISO_Ant1_2452



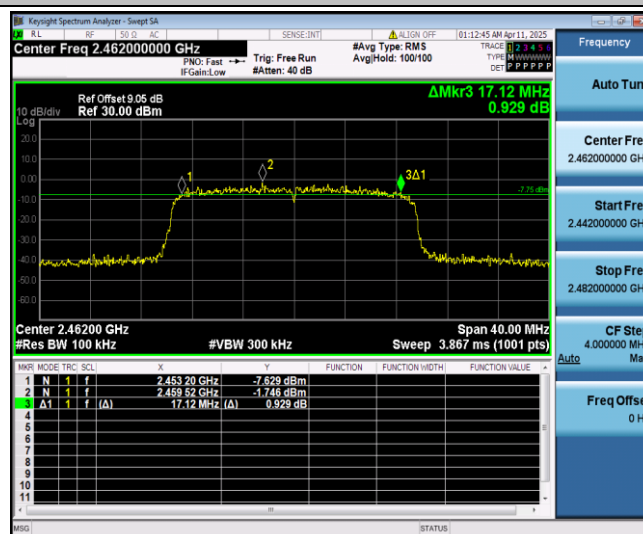
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



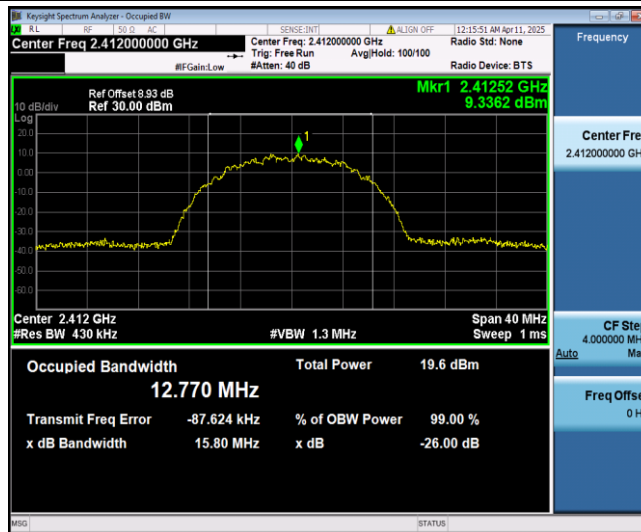
Appendix B.2: Occupied Channel Bandwidth

Test Result

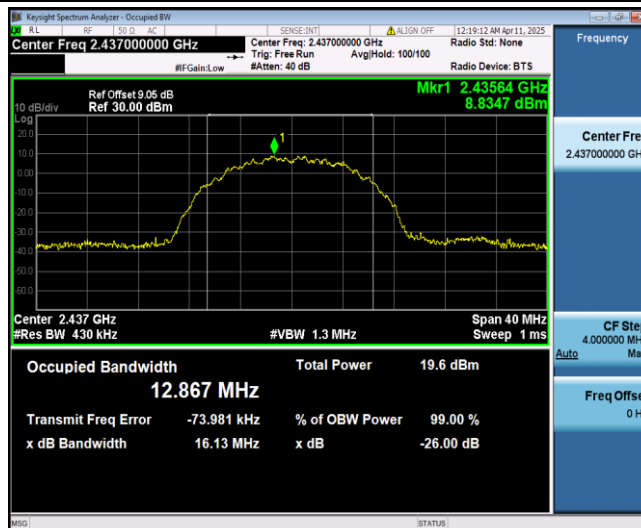
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.770	2405.5274	2418.2974	---	---
		2437	12.867	2430.4925	2443.3595	---	---
		2462	12.797	2455.4791	2468.2761	---	---
11G	Ant1	2412	16.645	2403.6158	2420.2608	---	---
		2437	16.705	2428.6461	2445.3511	---	---
		2462	16.680	2453.6180	2470.2980	---	---
11N20SISO	Ant1	2412	17.619	2403.1492	2420.7682	---	---
		2437	17.602	2428.1759	2445.7779	---	---
		2462	17.557	2453.1883	2470.7453	---	---
11N40SISO	Ant1	2422	33.479	2405.1481	2438.6271	---	---
		2437	33.443	2420.2311	2453.6741	---	---
		2452	33.300	2435.2812	2468.5812	---	---
11AX20SISO	Ant1	2412	18.592	2402.6416	2421.2336	---	---
		2437	18.525	2427.7262	2446.2512	---	---
		2462	18.515	2452.6571	2471.1721	---	---

Test Graphs

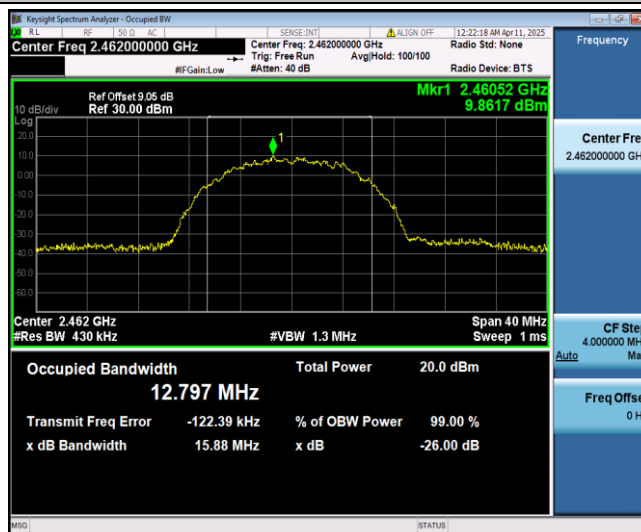
11B_Ant1_2412



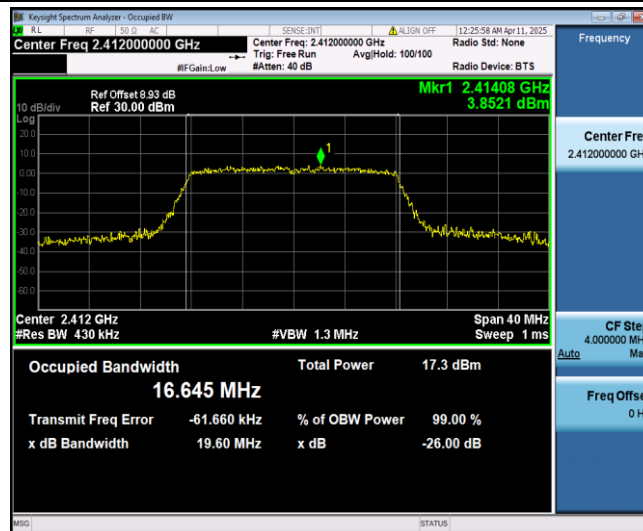
11B_Ant1_2437



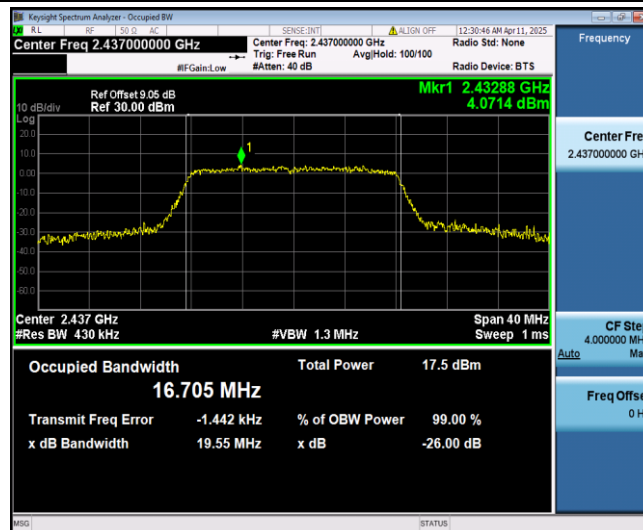
11B_Ant1_2462



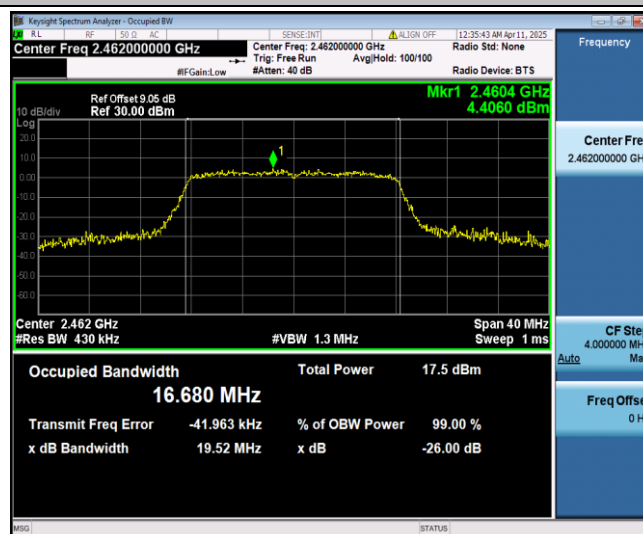
11G_Ant1_2412



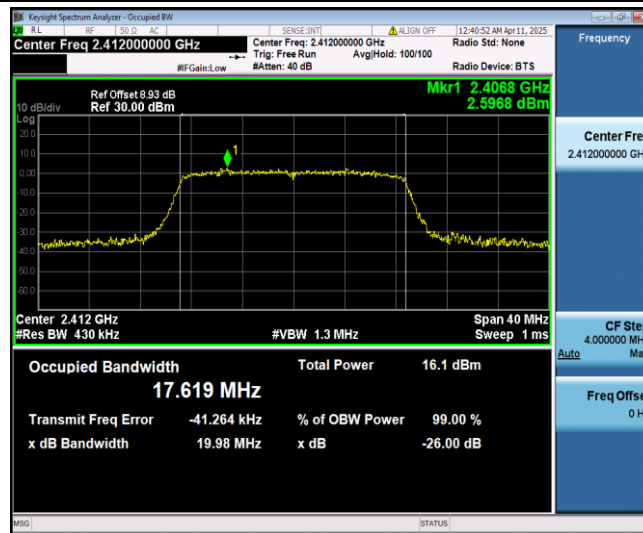
11G_Ant1_2437



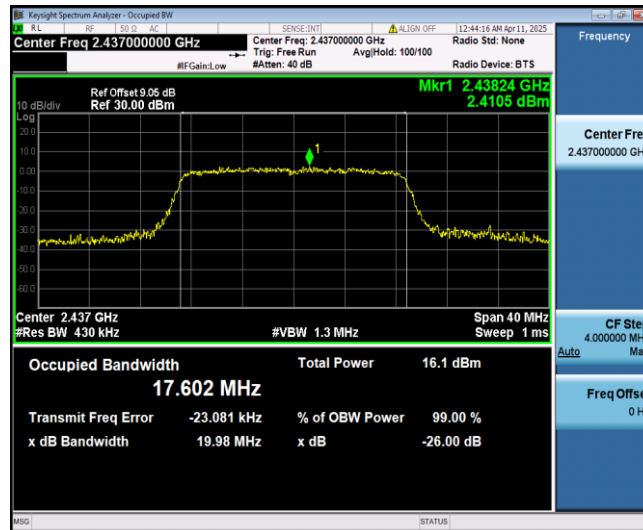
11G_Ant1_2462



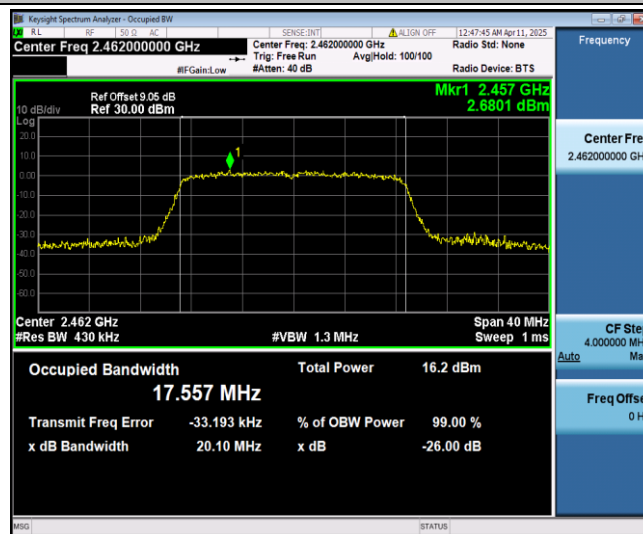
11N20SISO_Ant1_2412



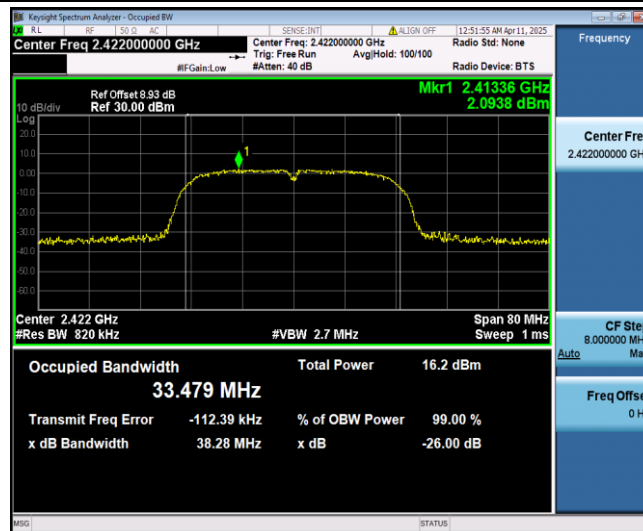
11N20SISO_Ant1_2437



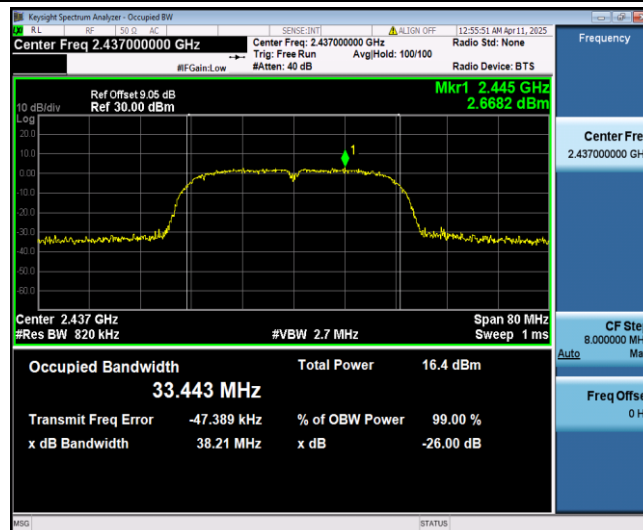
11N20SISO_Ant1_2462



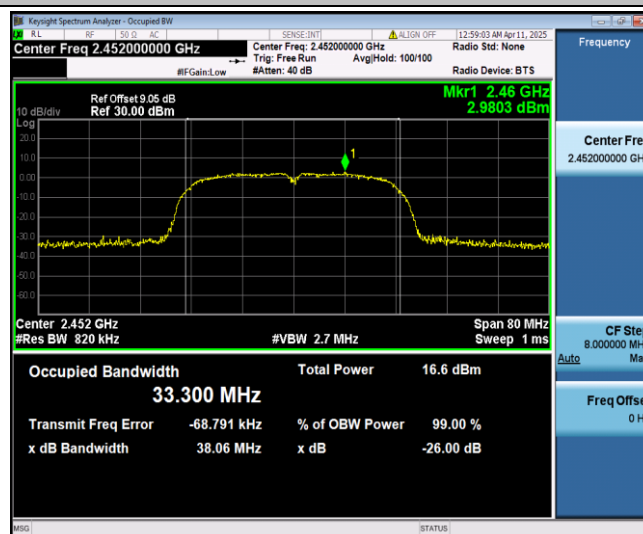
11N40SISO_Ant1_2422



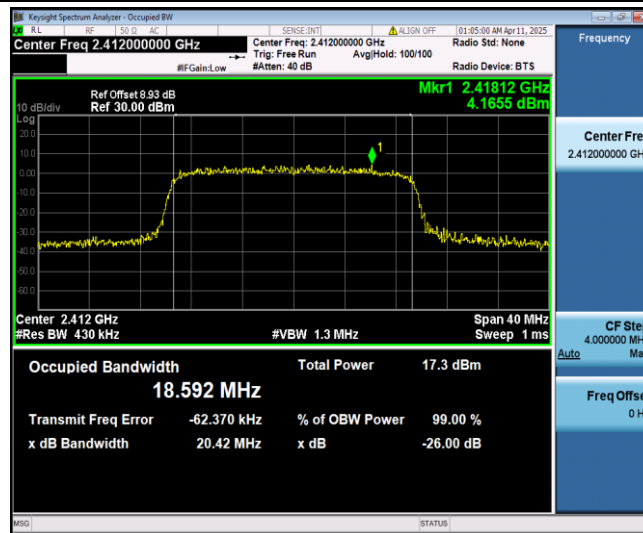
11N40SISO_Ant1_2437



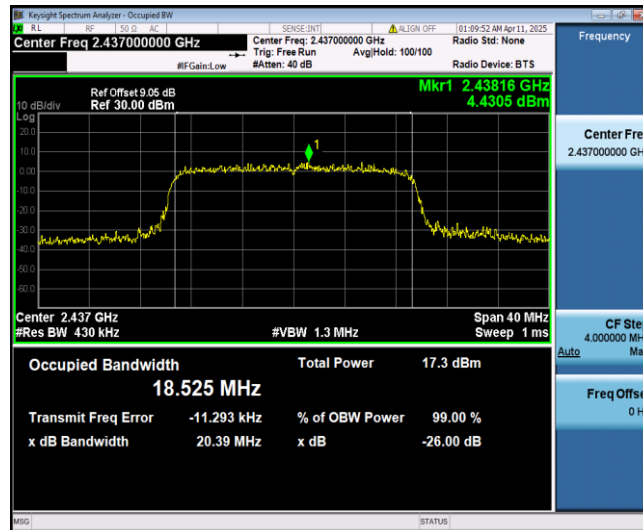
11N40SISO_Ant1_2452



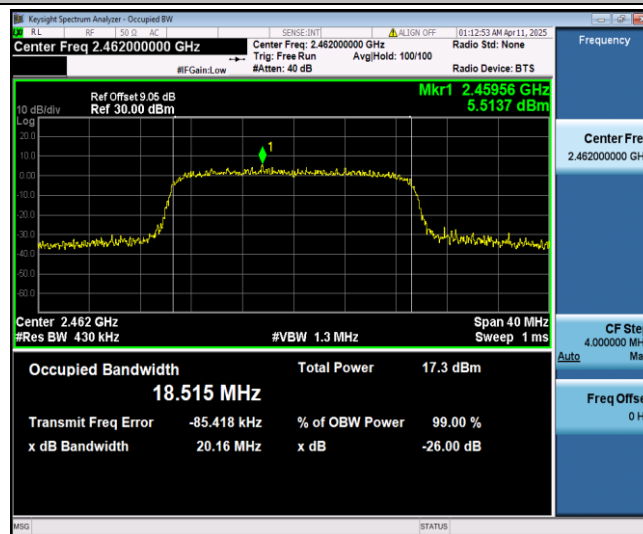
11AX20SISO_Ant1_2412



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	20.76	≤30.00	PASS
		2437	20.65	≤30.00	PASS
		2462	20.24	≤30.00	PASS
11G	Ant1	2412	21.46	≤30.00	PASS
		2437	21.66	≤30.00	PASS
		2462	21.73	≤30.00	PASS
11N20SISO	Ant1	2412	21.24	≤30.00	PASS
		2437	21.27	≤30.00	PASS
		2462	21.40	≤30.00	PASS
11N40SISO	Ant1	2422	21.47	≤30.00	PASS
		2437	21.67	≤30.00	PASS
		2452	21.89	≤30.00	PASS
11AX20SISO	Ant1	2412	21.96	≤30.00	PASS
		2437	21.95	≤30.00	PASS
		2462	21.13	≤30.00	PASS

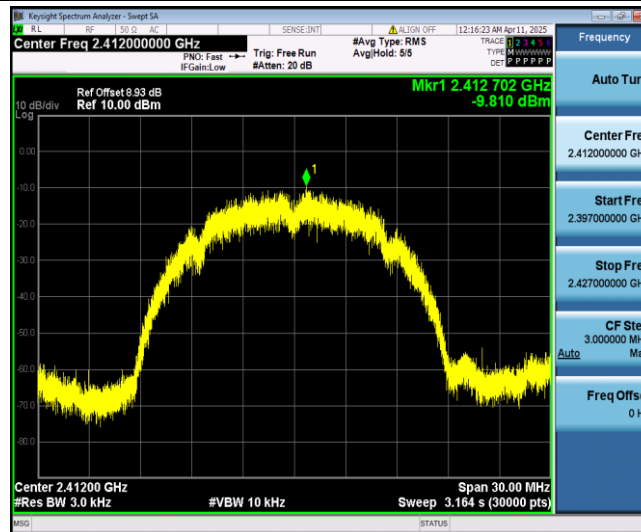
Appendix B.4: Maximum power spectral density

Test Result

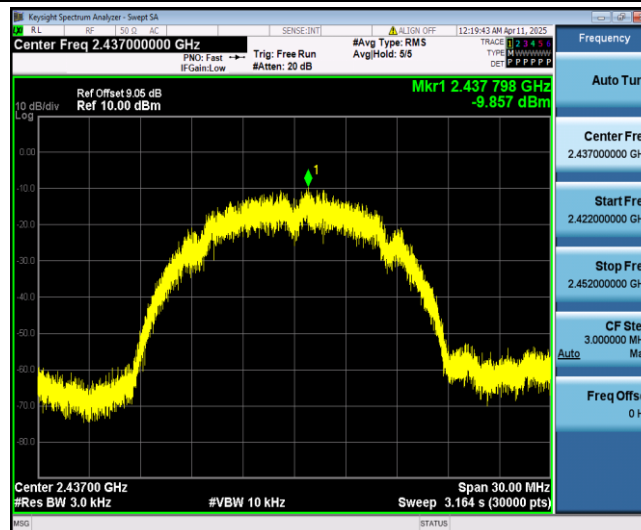
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.81	≤8.00	PASS
		2437	-9.86	≤8.00	PASS
		2462	-9.76	≤8.00	PASS
11G	Ant1	2412	-13.67	≤8.00	PASS
		2437	-13.07	≤8.00	PASS
		2462	-13.29	≤8.00	PASS
11N20SISO	Ant1	2412	-14.53	≤8.00	PASS
		2437	-15.03	≤8.00	PASS
		2462	-15.07	≤8.00	PASS
11N40SISO	Ant1	2422	-18.16	≤8.00	PASS
		2437	-17.83	≤8.00	PASS
		2452	-17.82	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.66	≤8.00	PASS
		2437	-12.48	≤8.00	PASS
		2462	-12.46	≤8.00	PASS

Test Graphs

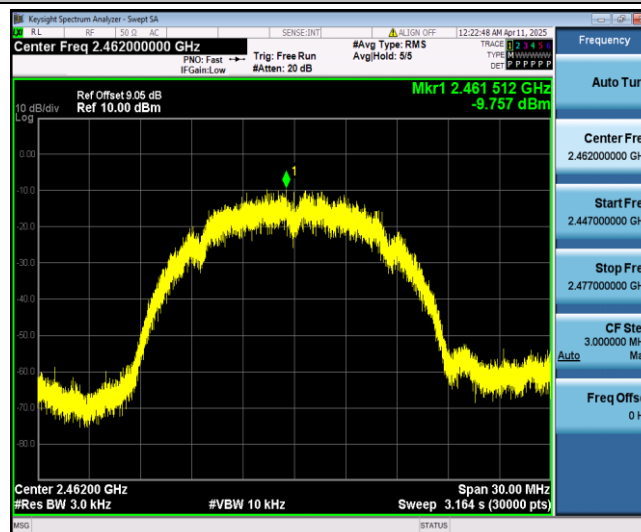
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412