

Case No. : <u>GTS20241230006-1-03</u>	
Ambient Condition: <u>22</u> °C, <u>49</u> %RH,	
Test Date: <u>2024.12.30</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	10.120	2406.920	2417.040	0.5	PASS
		2437	10.120	2431.920	2442.040	0.5	PASS
		2462	10.120	2456.920	2467.040	0.5	PASS
11G	Ant1	2412	11.040	2406.360	2417.400	0.5	PASS
		2437	11.080	2431.320	2442.400	0.5	PASS
		2462	10.800	2456.600	2467.400	0.5	PASS
11N20SISO	Ant1	2412	15.960	2404.360	2420.320	0.5	PASS
		2437	16.840	2428.840	2445.680	0.5	PASS
		2462	16.560	2453.840	2470.400	0.5	PASS
11AX20SISO	Ant1	2412	17.680	2403.080	2420.760	0.5	PASS
		2437	17.720	2428.040	2445.760	0.5	PASS
		2462	17.240	2453.240	2470.480	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



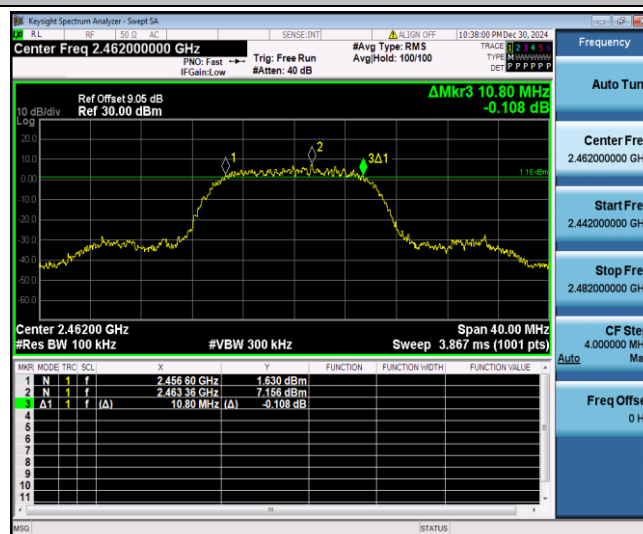
11G_Ant1_2412



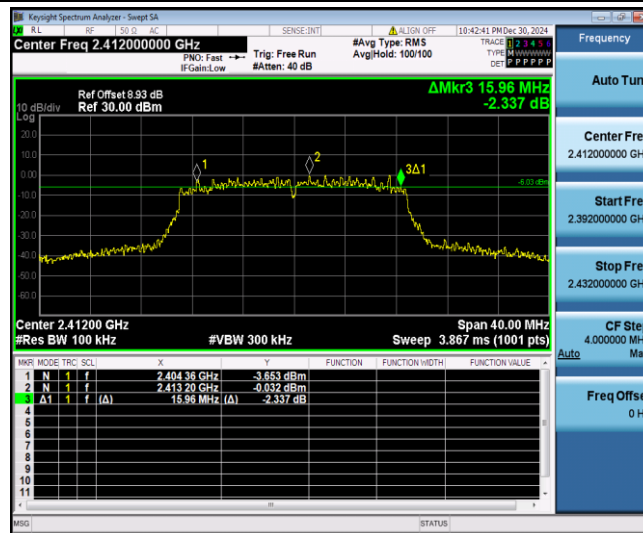
11G_Ant1_2437



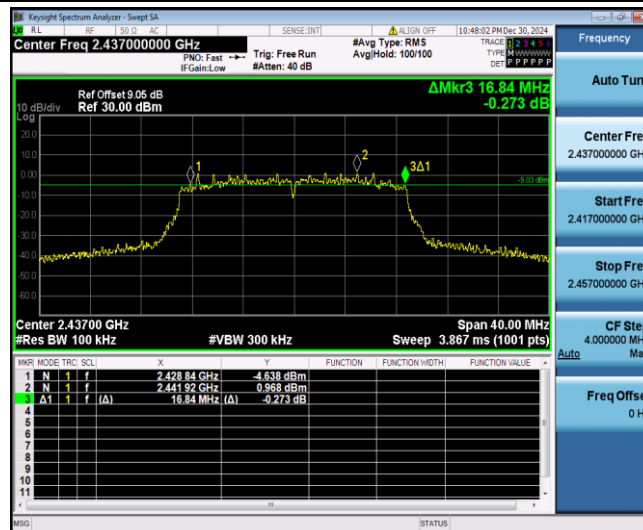
11G_Ant1_2462



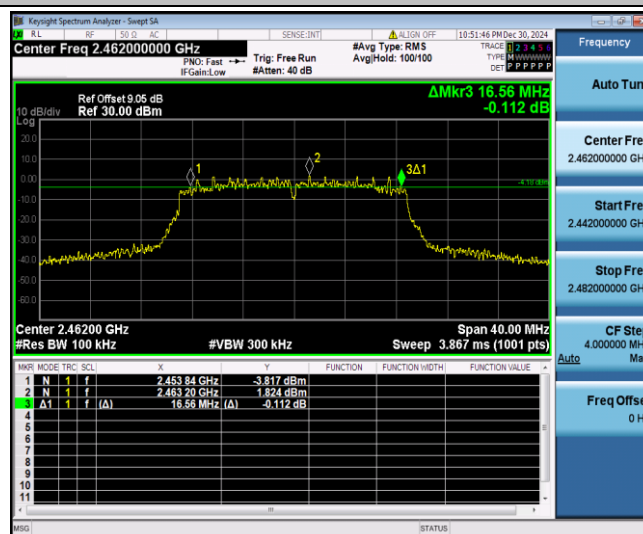
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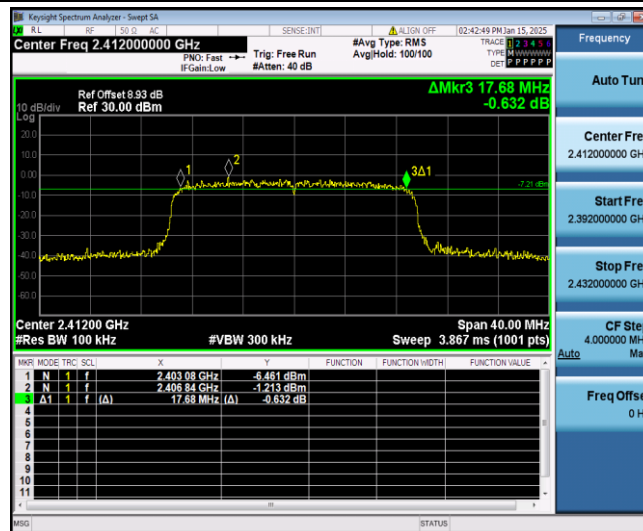
11N20SISO_Ant1_2437



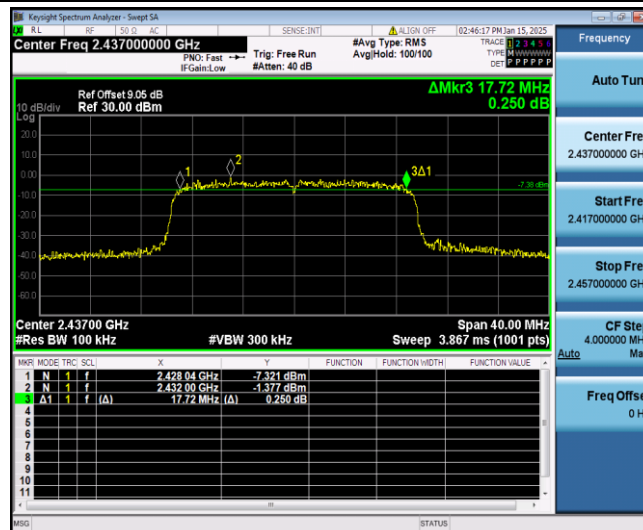
11N20SISO_Ant1_2462



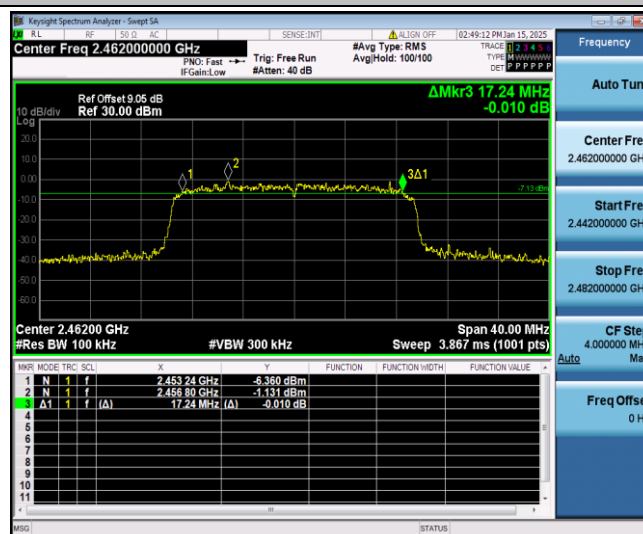
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



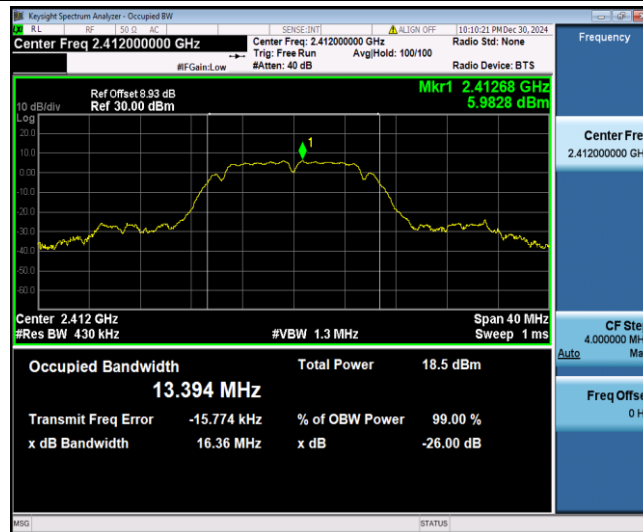
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.394	2405.2872	2418.6812	---	---
		2437	13.323	2430.3193	2443.6423	---	---
		2462	13.325	2455.2873	2468.6123	---	---
11G	Ant1	2412	13.177	2405.3915	2418.5685	---	---
		2437	13.127	2430.4190	2443.5460	---	---
		2462	13.098	2455.4246	2468.5226	---	---
11N20SISO	Ant1	2412	17.786	2403.0648	2420.8508	---	---
		2437	17.824	2428.0603	2445.8843	---	---
		2462	17.734	2453.0904	2470.8244	---	---
11AX20SISO	Ant1	2412	18.539	2402.6749	2421.2139	---	---
		2437	18.477	2427.7733	2446.2503	---	---
		2462	18.563	2452.6901	2471.2531	---	---

Test Graphs

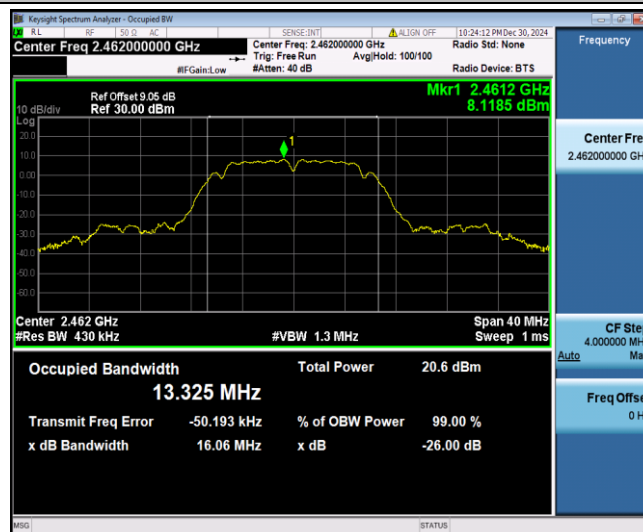
11B_Ant1_2412



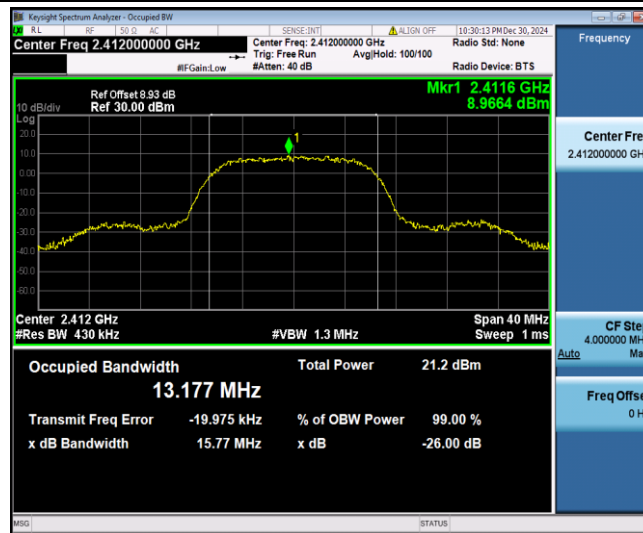
11B_Ant1_2437



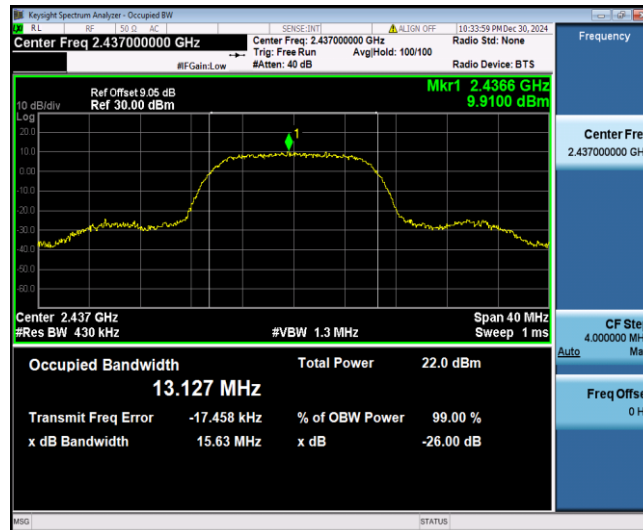
11B_Ant1_2462



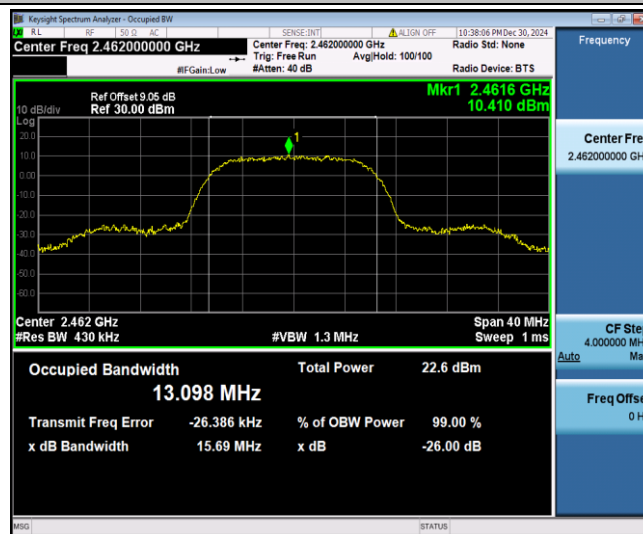
11G_Ant1_2412



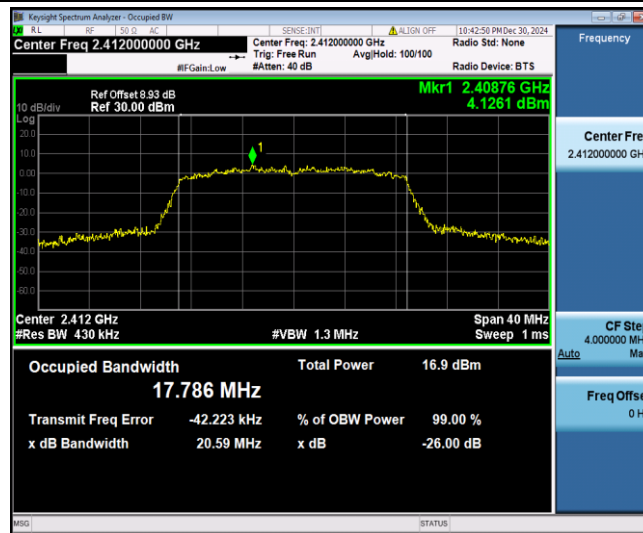
11G_Ant1_2437



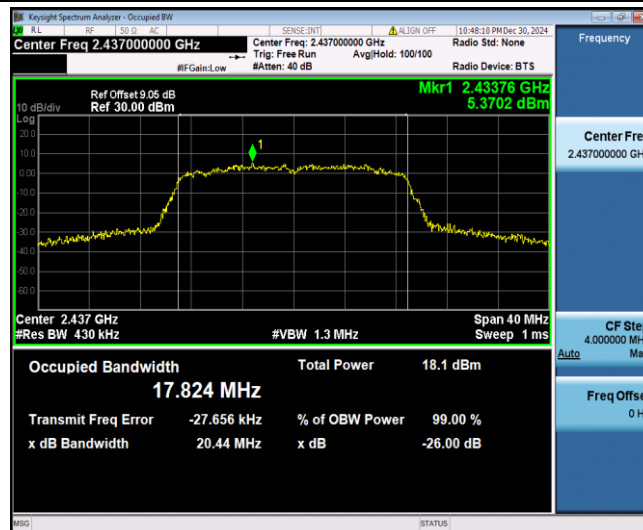
11G_Ant1_2462



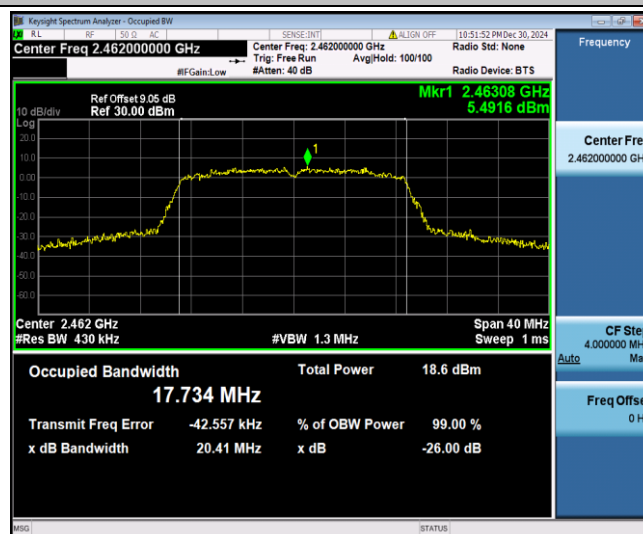
11N20SISO_Ant1_2412



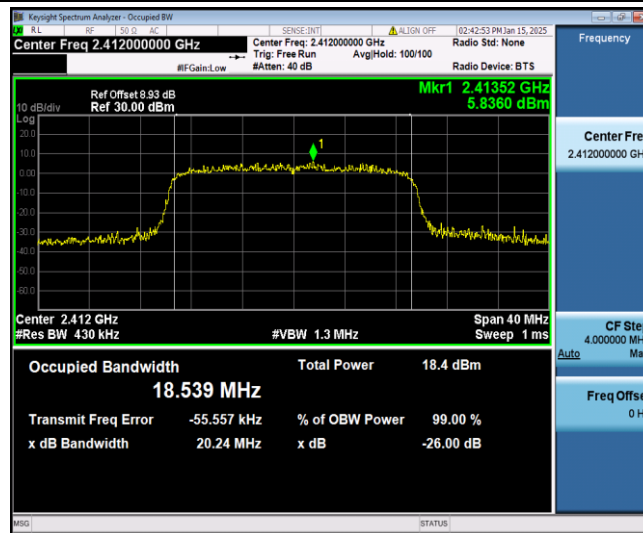
11N20SISO_Ant1_2437



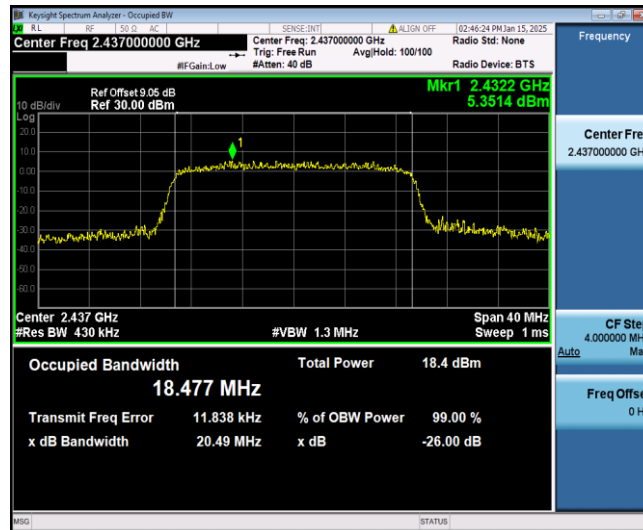
11N20SISO_Ant1_2462



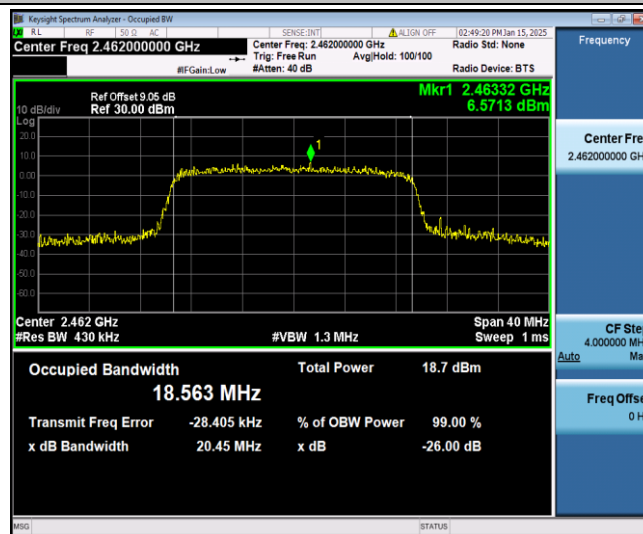
11AX20SISO_Ant1_2412



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	22.15	≤30.00	PASS
		2437	22.51	≤30.00	PASS
		2462	22.19	≤30.00	PASS
11G	Ant1	2412	22.66	≤30.00	PASS
		2437	22.63	≤30.00	PASS
		2462	22.20	≤30.00	PASS
11N20SISO	Ant1	2412	22.78	≤30.00	PASS
		2437	22.96	≤30.00	PASS
		2462	22.52	≤30.00	PASS
11AX20SISO	Ant1	2412	22.55	≤30.00	PASS
		2437	22.58	≤30.00	PASS
		2462	22.81	≤30.00	PASS

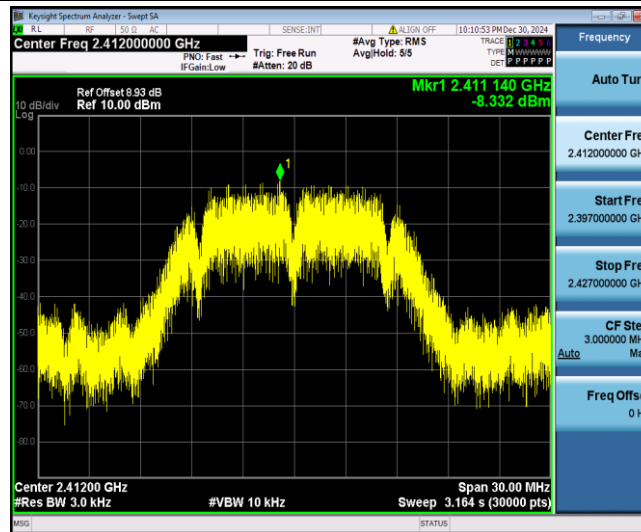
Appendix B.4: Maximum power spectral density

Test Result

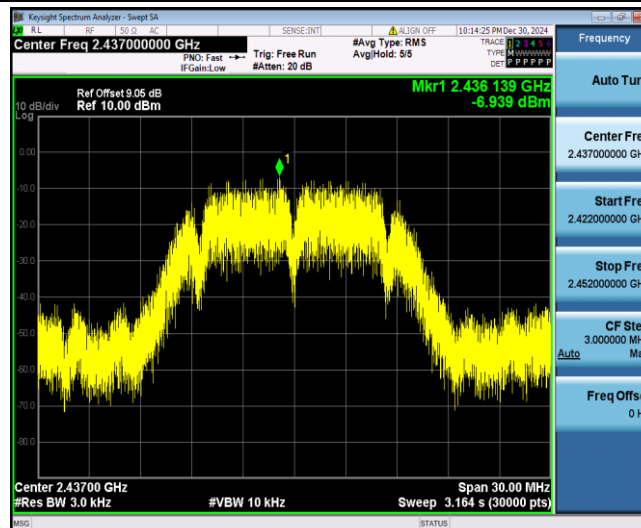
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.33	≤8.00	PASS
		2437	-6.94	≤8.00	PASS
		2462	-6.18	≤8.00	PASS
11G	Ant1	2412	-8.48	≤8.00	PASS
		2437	-7.18	≤8.00	PASS
		2462	-6.97	≤8.00	PASS
11N20SISO	Ant1	2412	-13.97	≤8.00	PASS
		2437	-12.73	≤8.00	PASS
		2462	-13.04	≤8.00	PASS
11AX20SISO	Ant1	2412	-11.01	≤8.00	PASS
		2437	-11.73	≤8.00	PASS
		2462	-10.38	≤8.00	PASS

Test Graphs

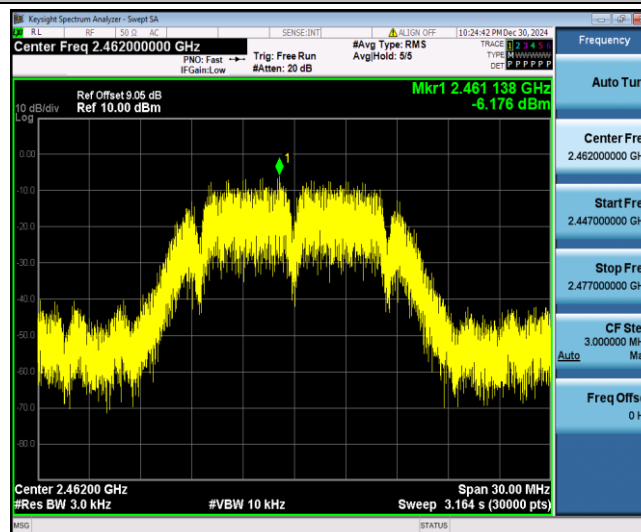
11B_Ant1_2412



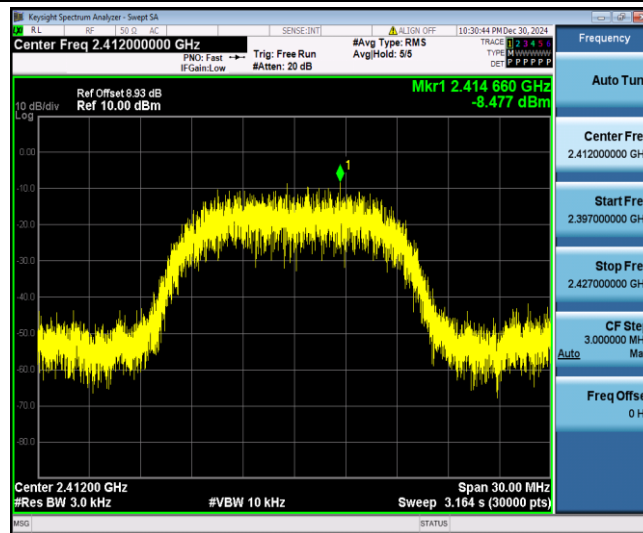
11B_Ant1_2437



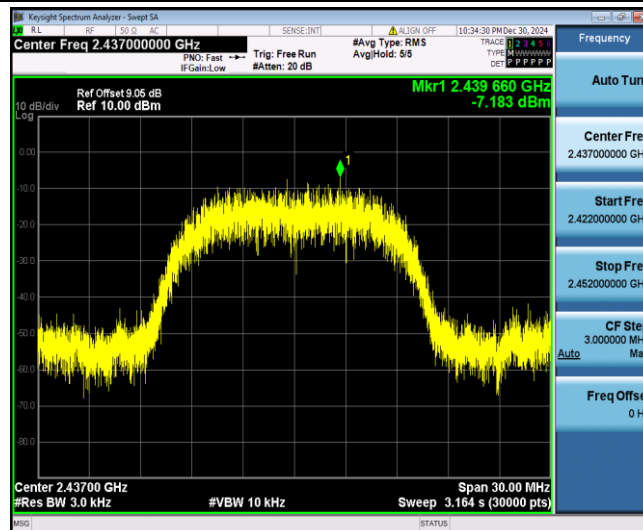
11B_Ant1_2462



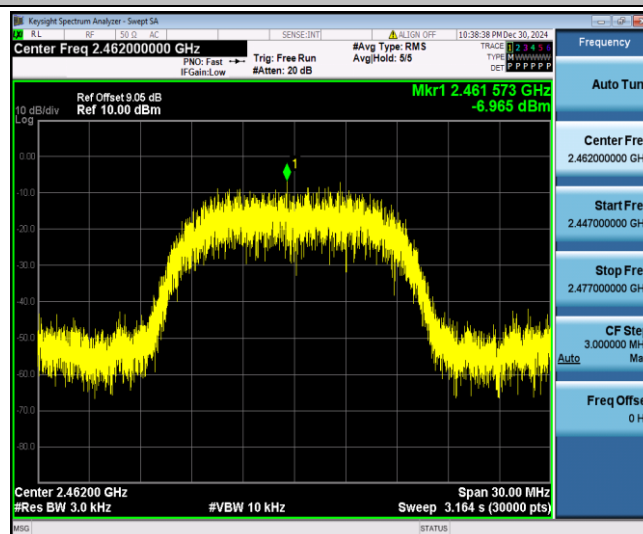
11G_Ant1_2412



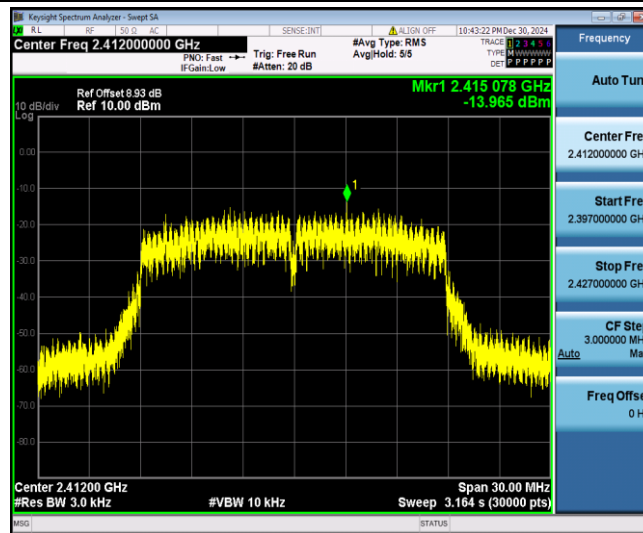
11G_Ant1_2437



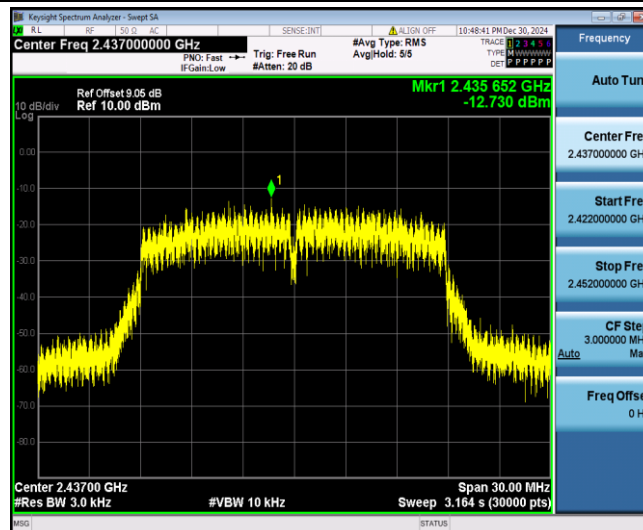
11G_Ant1_2462



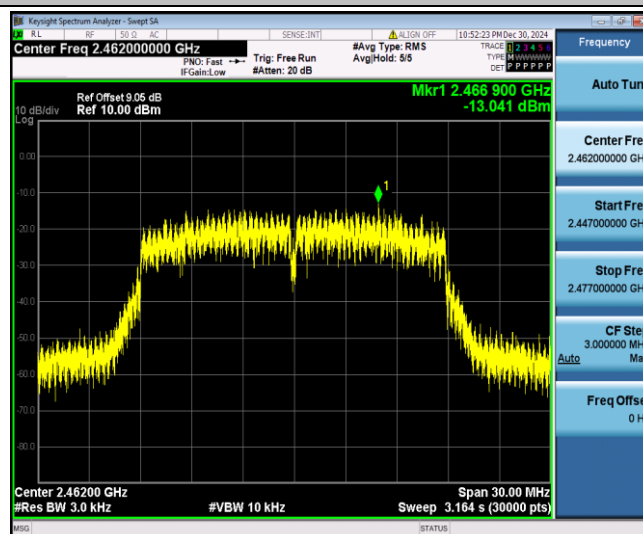
11N20SISO_Ant1_2412



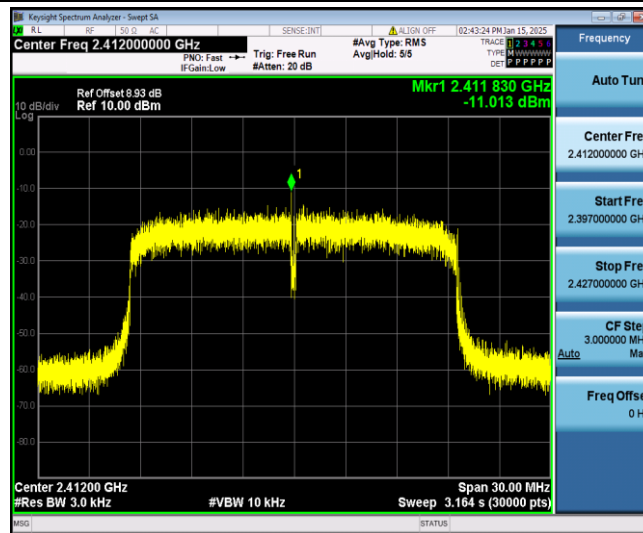
11N20SISO_Ant1_2437



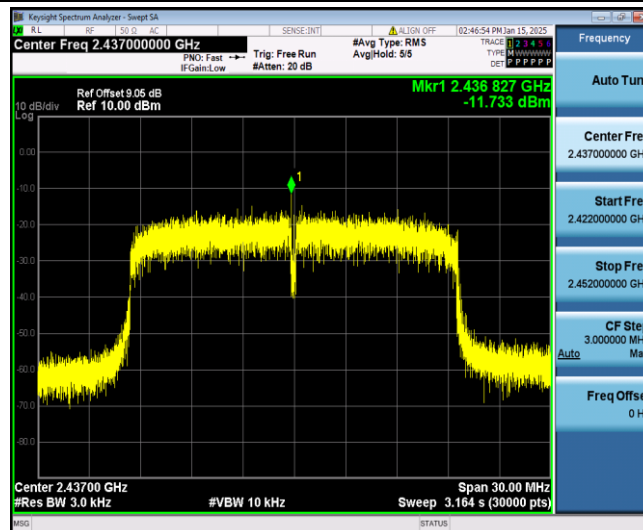
11N20SISO_Ant1_2462



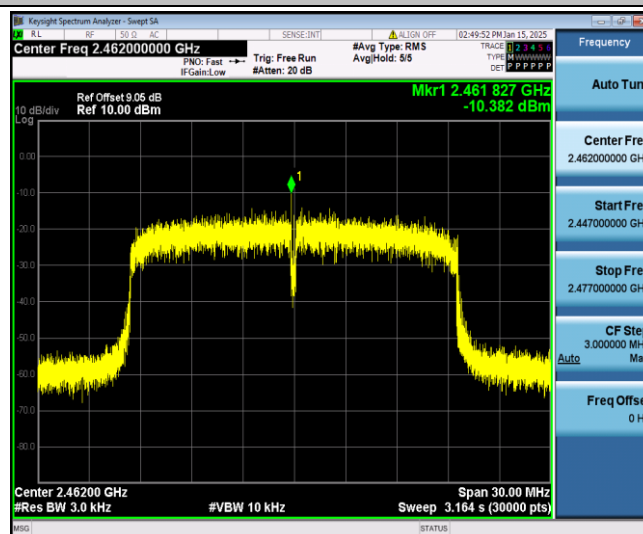
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.5: Band edge measurements

Test Result

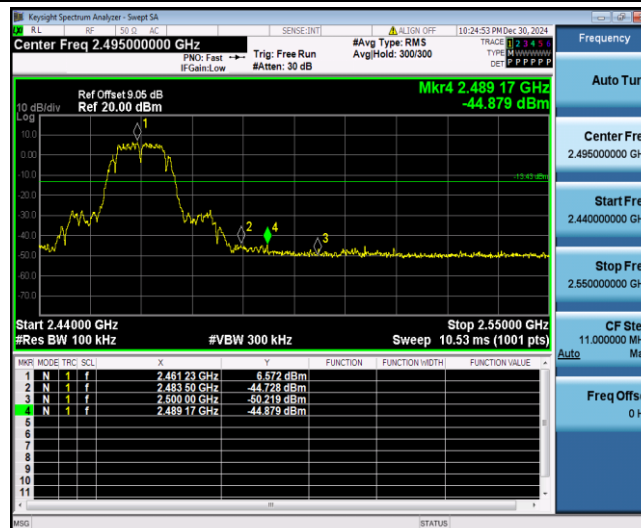
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.34	-29.04	≤ -15.66	PASS
		High	2462	6.57	-44.88	≤ -13.43	PASS
11G	Ant1	Low	2412	5.49	-29.36	≤ -14.51	PASS
		High	2462	7.20	-44.82	≤ -12.8	PASS
11N20SISO	Ant1	Low	2412	-0.06	-35.38	≤ -20.06	PASS
		High	2462	1.81	-44.58	≤ -18.19	PASS
11AX20SISO	Ant1	Low	2422	-0.48	-37.39	≤ -20.48	PASS
		High	2452	0.17	-42.53	≤ -19.83	PASS

Test Graphs

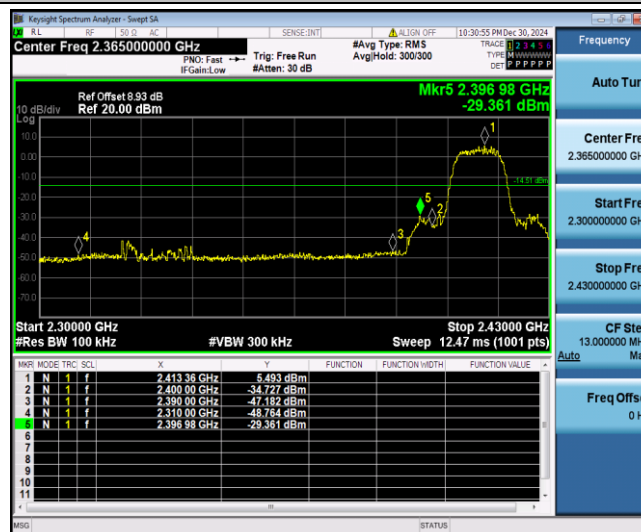
11B_Ant1_Low_2412



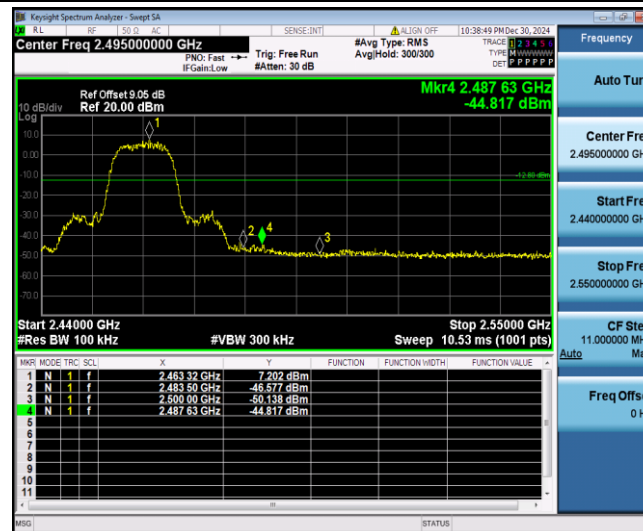
11B_Ant1_High_2462



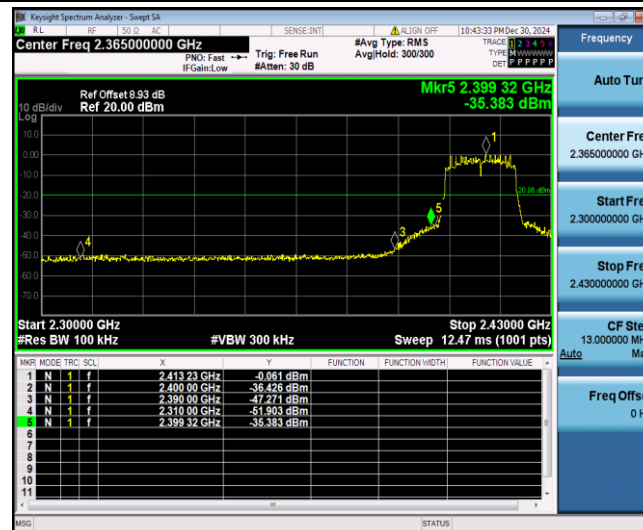
11G_Ant1_Low_2412



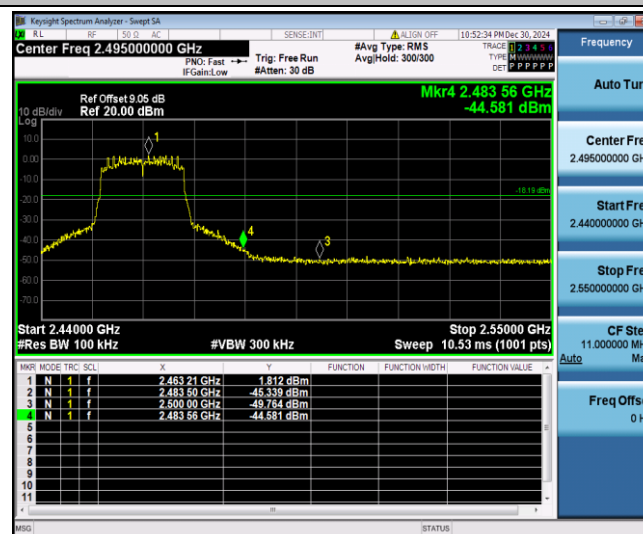
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462

