

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.000	2407.000	2417.000	0.5	PASS
		2437	10.040	2431.960	2442.000	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	16.360	2428.800	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.560	2428.200	2445.760	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	35.120	2419.400	2454.520	0.5	PASS
		2452	35.120	2434.400	2469.520	0.5	PASS

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



11N40SISO_Ant1_2452



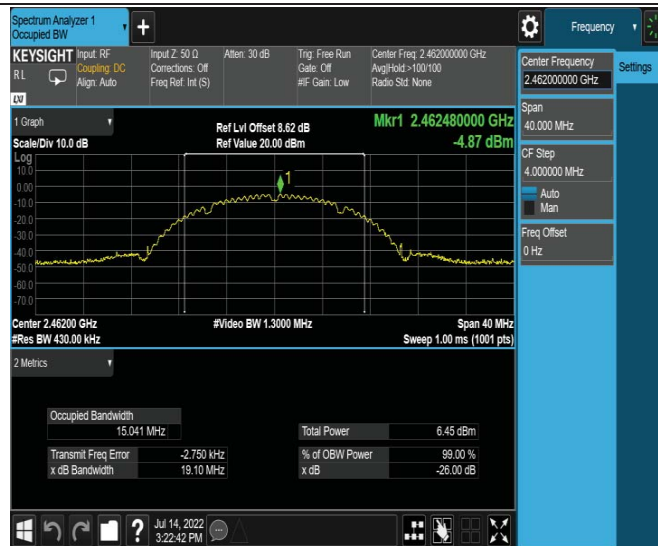
Appendix B: Occupied Channel Bandwidth

Test Result

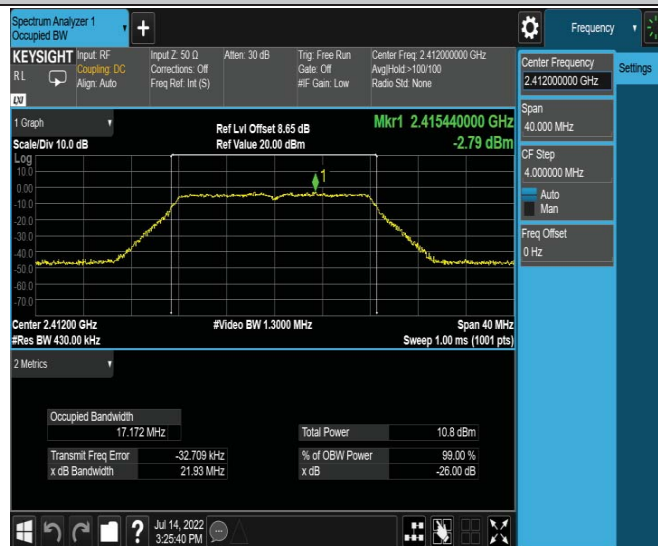
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.028	2404.482	2419.510	---	---
		2437	15.016	2429.480	2444.496	---	---
		2462	15.034	2454.481	2469.515	---	---
11G	Ant1	2412	17.147	2403.395	2420.542	---	---
		2437	17.136	2428.371	2445.507	---	---
		2462	17.003	2453.491	2470.494	---	---
11N20SISO	Ant1	2412	18.041	2403.016	2421.057	---	---
		2437	18.022	2428.005	2446.027	---	---
		2462	18.036	2452.940	2470.976	---	---
11N40SISO	Ant1	2422	36.022	2404.047	2440.069	---	---
		2437	36.037	2418.984	2455.021	---	---
		2452	36.083	2433.981	2470.064	---	---

Test Graphs

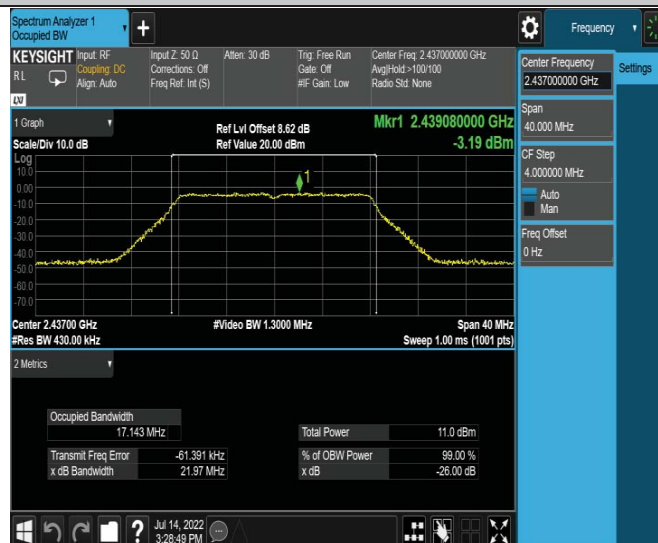




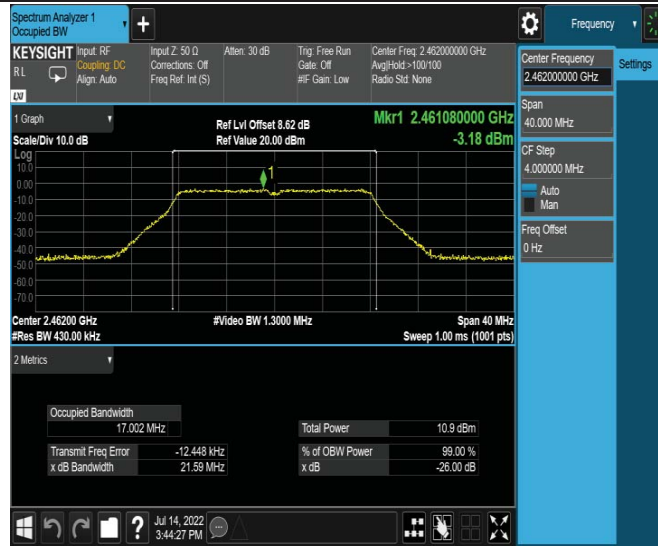
11G_Ant1_2412



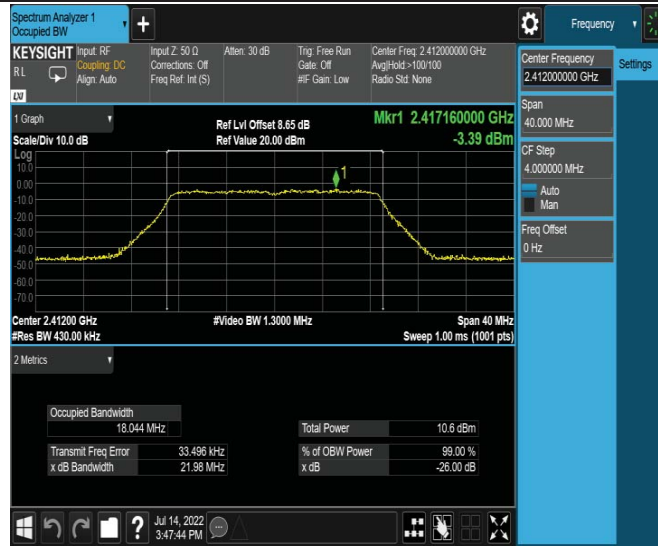
11G_Ant1_2437



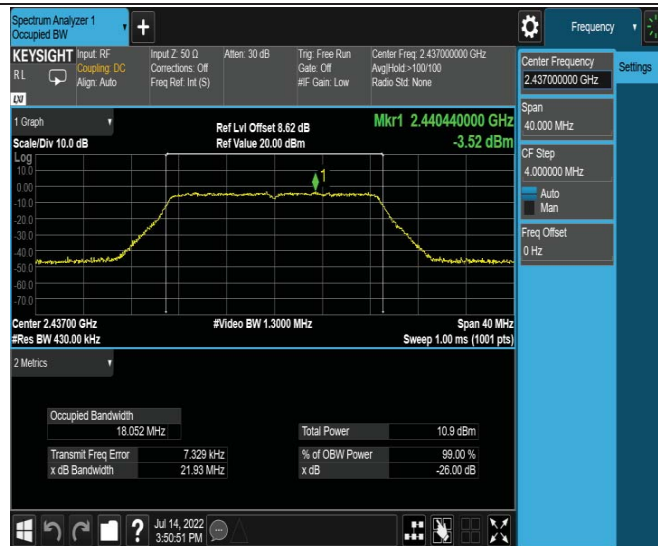
11G_Ant1_2462



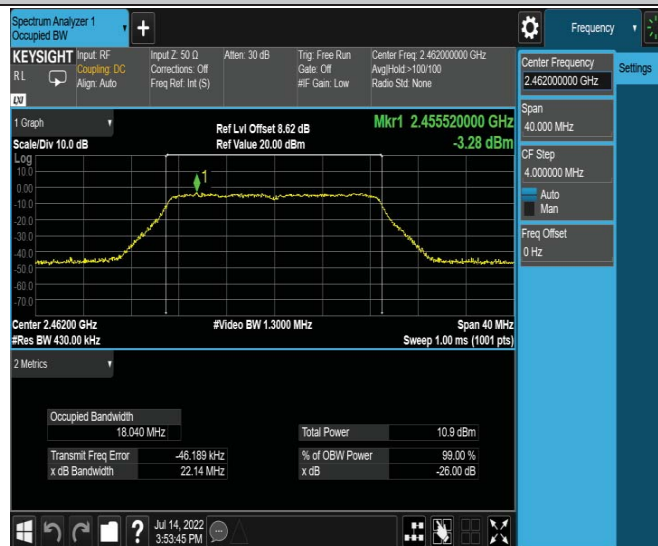
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



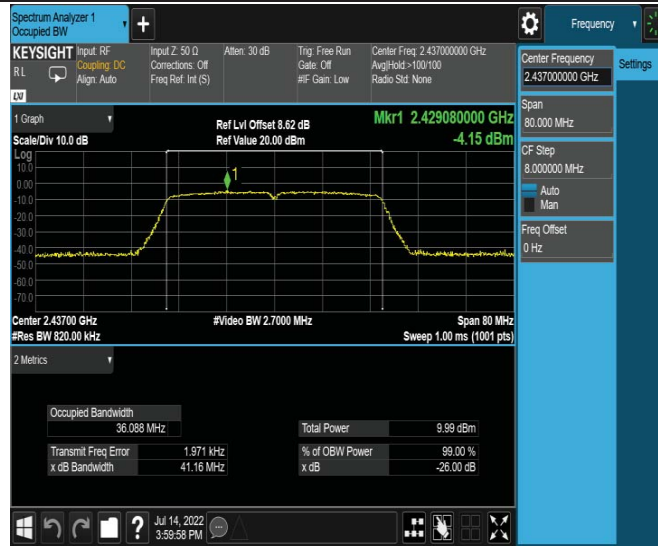
11N20SISO_Ant1_2462



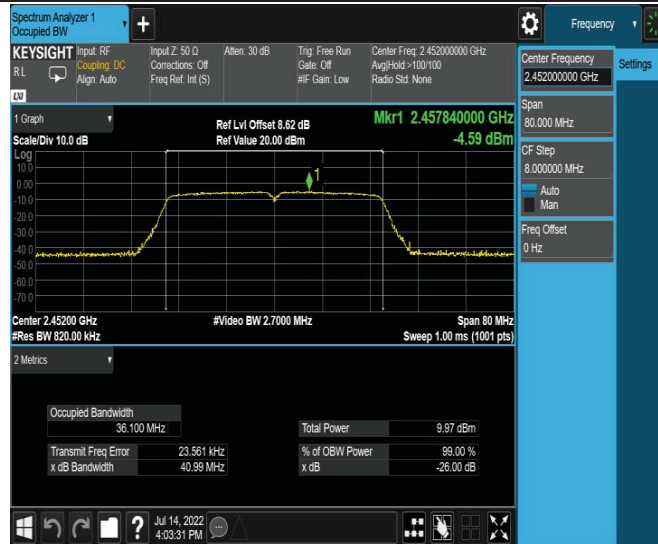
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

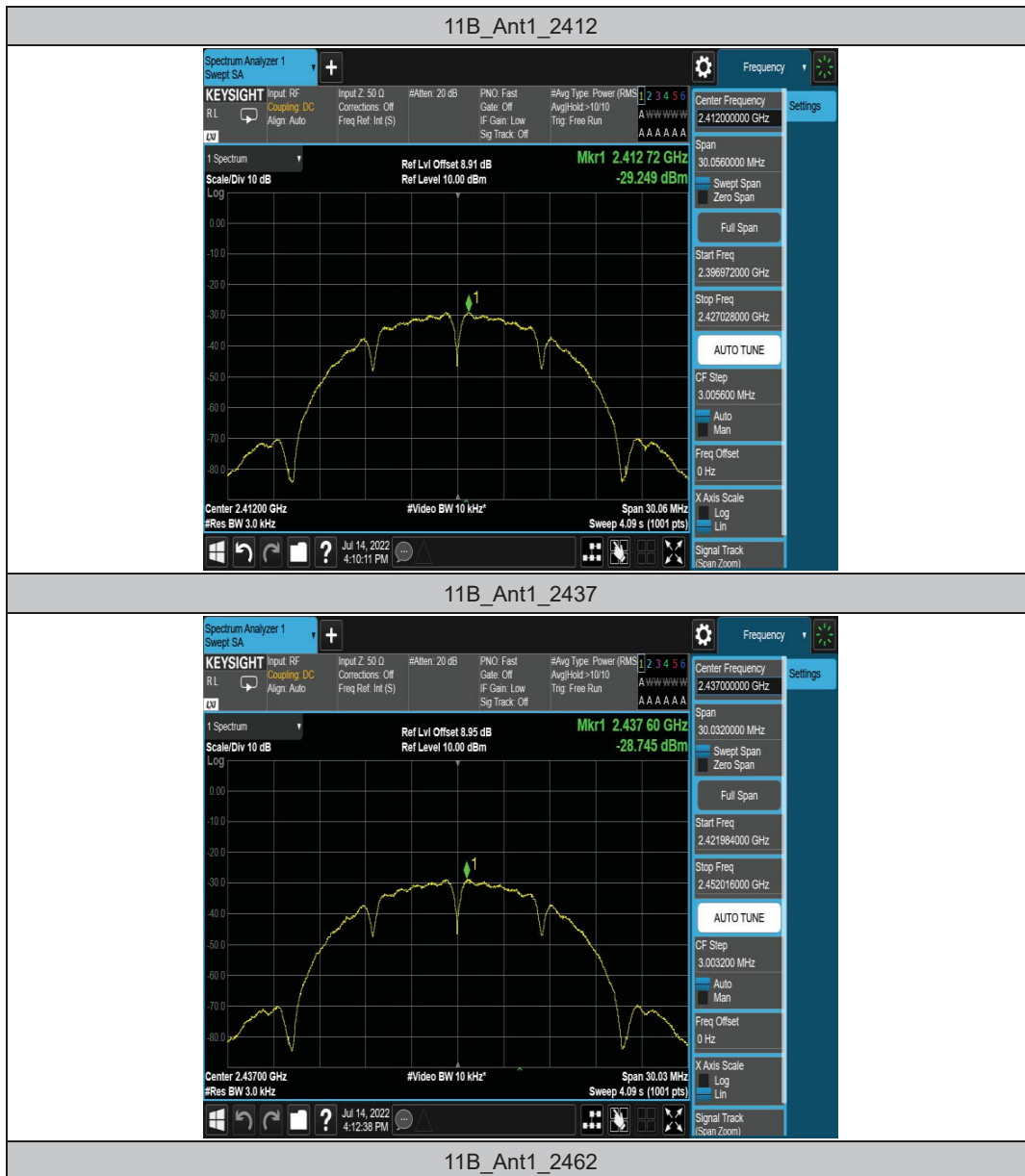
TestMode	Antenna	Frequency[MHz]	Set Power	Conducted Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	---	3.53	≤30.00	PASS
		2437	---	3.94	≤30.00	PASS
		2462	---	3.38	≤30.00	PASS
11G	Ant1	2412	---	3.52	≤30.00	PASS
		2437	---	4.32	≤30.00	PASS
		2462	---	3.97	≤30.00	PASS
11N20SISO	Ant1	2412	---	4.55	≤30.00	PASS
		2437	---	4.15	≤30.00	PASS
		2462	---	4.19	≤30.00	PASS
11N40SISO	Ant1	2422	---	3.48	≤30.00	PASS
		2437	---	2.45	≤30.00	PASS
		2452	---	2.51	≤30.00	PASS

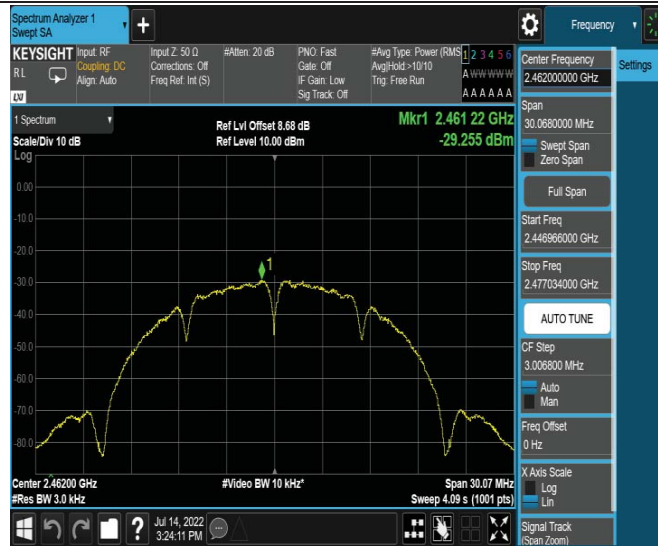
Appendix D: Maximum power spectral density

Test Result

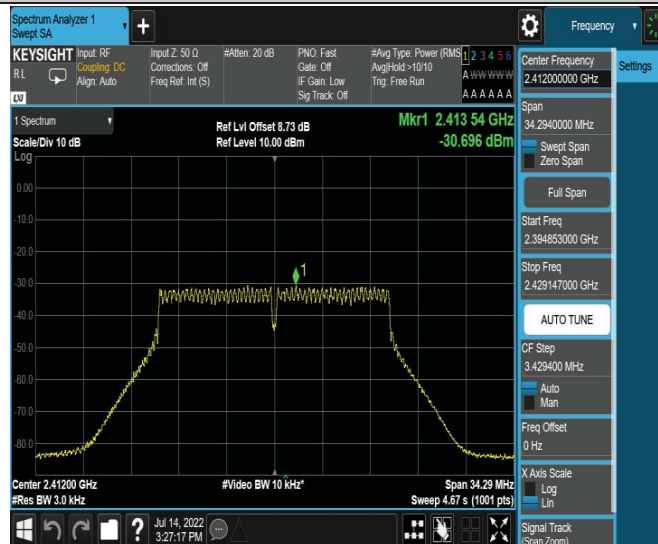
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-29.25	≤8.00	PASS
		2437	-28.68	≤8.00	PASS
		2462	-29.26	≤8.00	PASS
11G	Ant1	2412	-30.7	≤8.00	PASS
		2437	-30.31	≤8.00	PASS
		2462	-30.31	≤8.00	PASS
11N20SISO	Ant1	2412	-30.72	≤8.00	PASS
		2437	-30.39	≤8.00	PASS
		2462	-30.59	≤8.00	PASS
11N40SISO	Ant1	2422	-35.35	≤8.00	PASS
		2437	-34.43	≤8.00	PASS
		2452	-35.14	≤8.00	PASS

Test Graphs

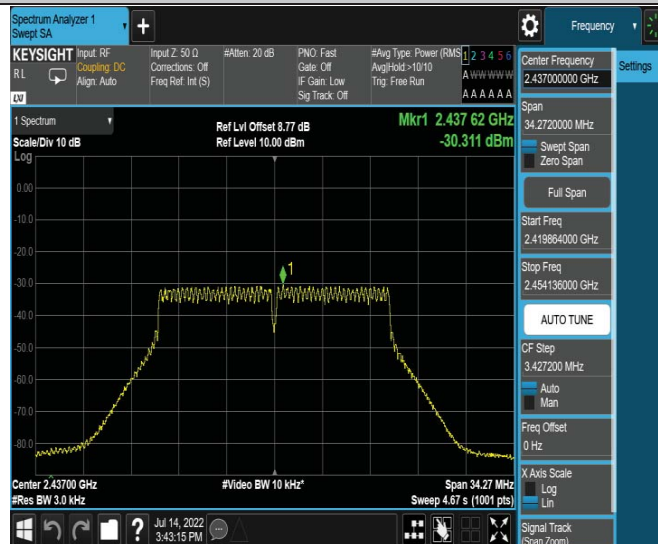




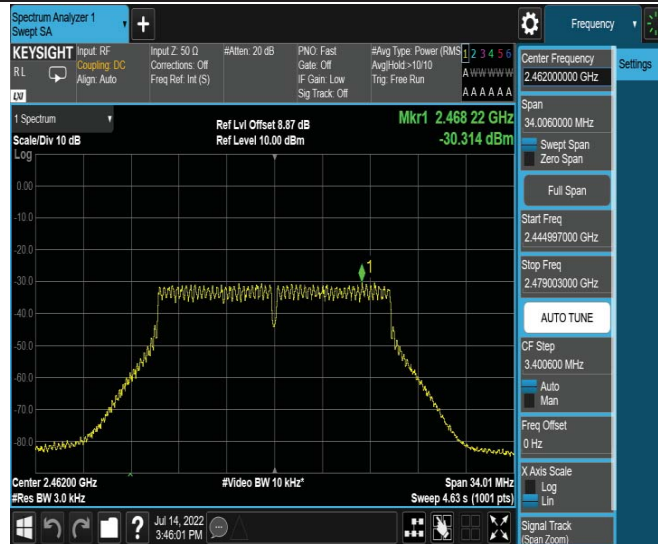
11G_Ant1_2412



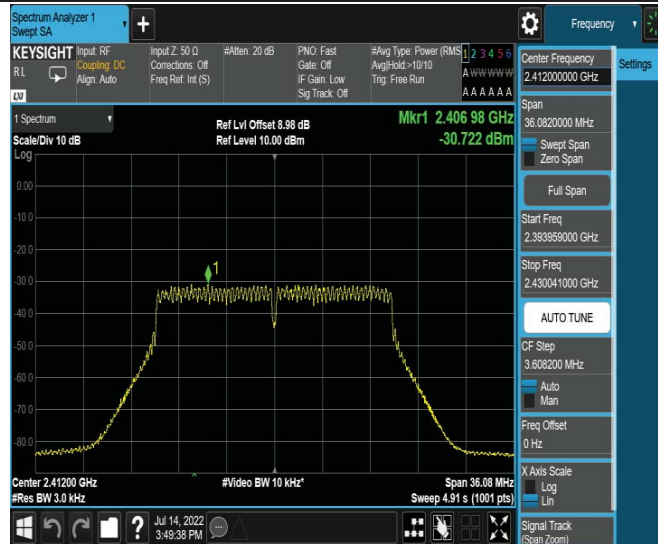
11G_Ant1_2437



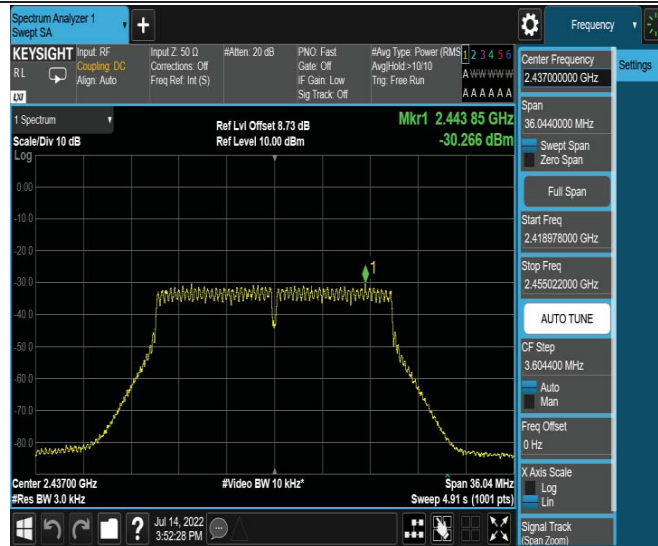
11G_Ant1_2462



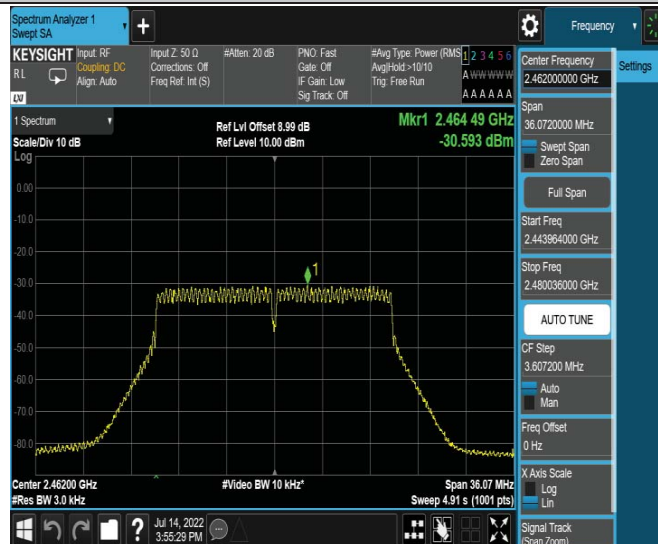
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



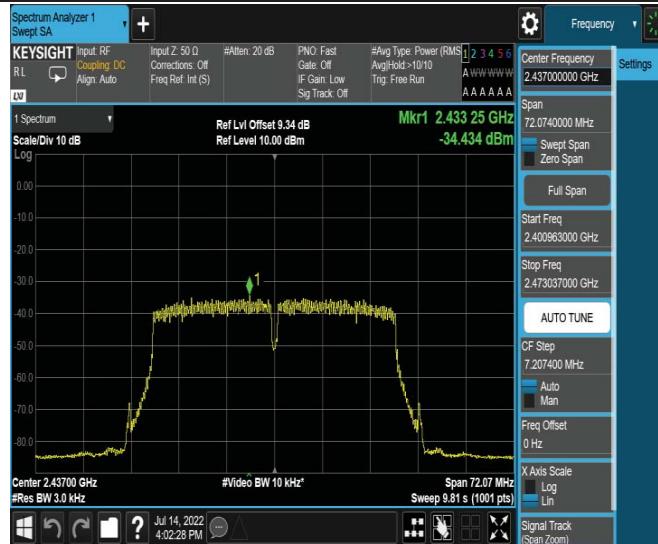
11N20SISO_Ant1_2462



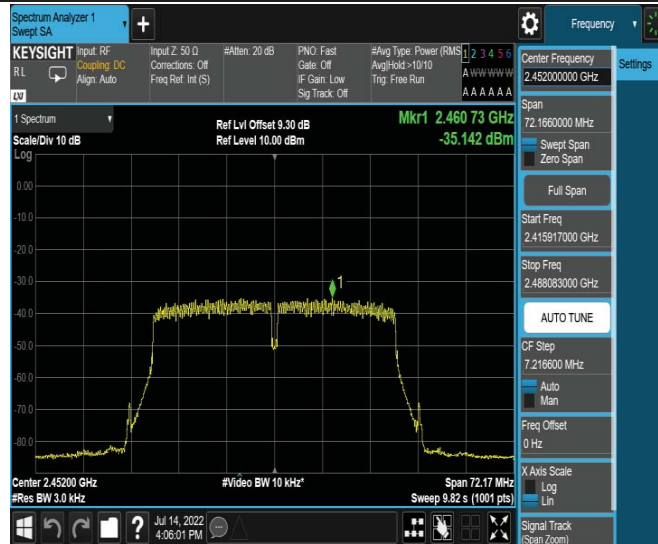
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



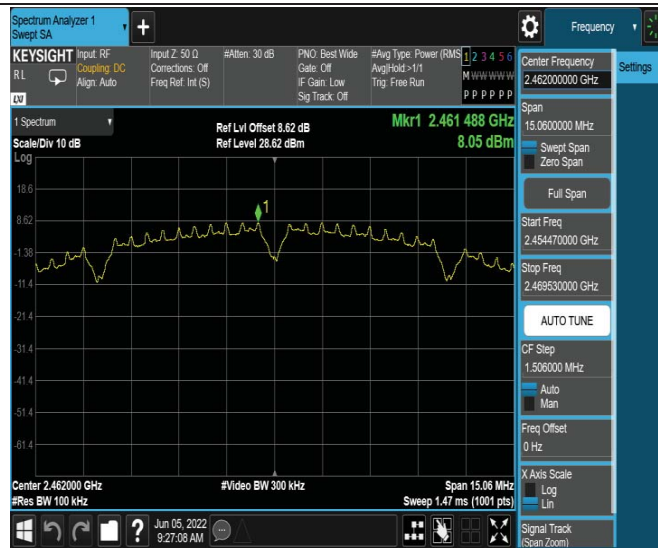
Reference level measurement

Test Result

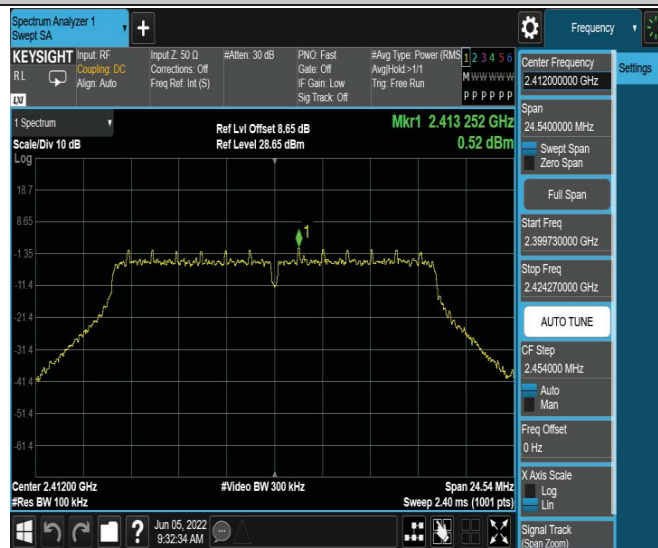
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2413.24	0.38
		2437	2438.29	0.79
		2462	2461.49	8.05
11G	Ant1	2412	2413.25	0.52
		2437	2444.49	0.54
		2462	2464.50	1.61
11N20SISO	Ant1	2412	2419.49	0.87
		2437	2438.26	1.59
		2462	2469.49	1.23
11N40SISO	Ant1	2422	2427.00	-1.27
		2437	2428.26	-1.24
		2452	2455.74	-1.33

Test Graphs

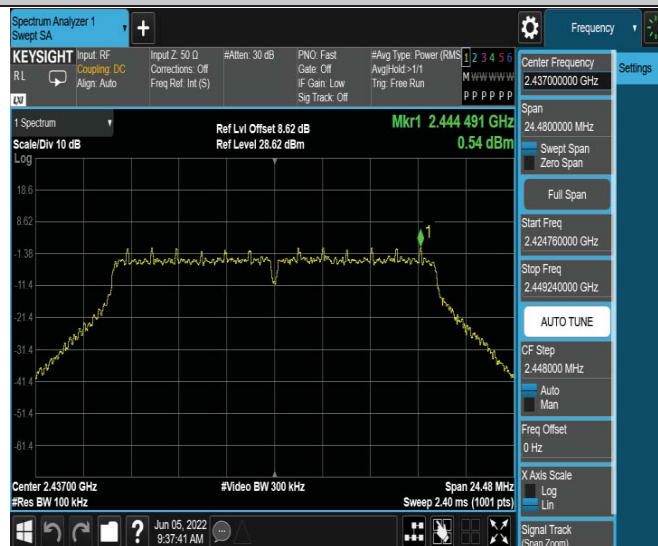




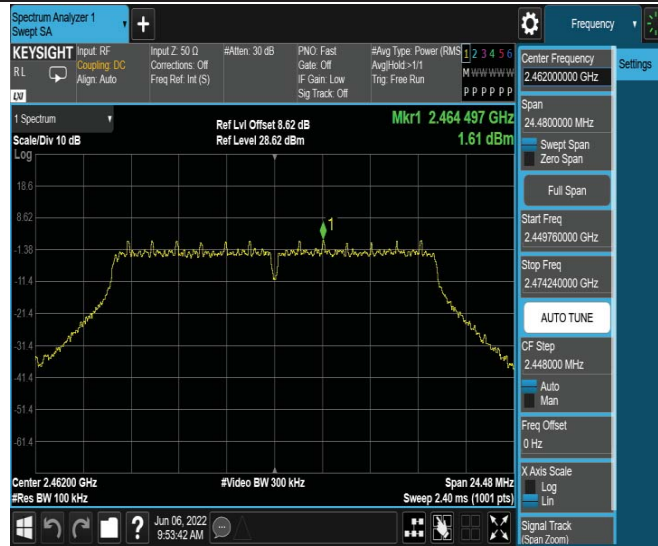
11G_Ant1_2412



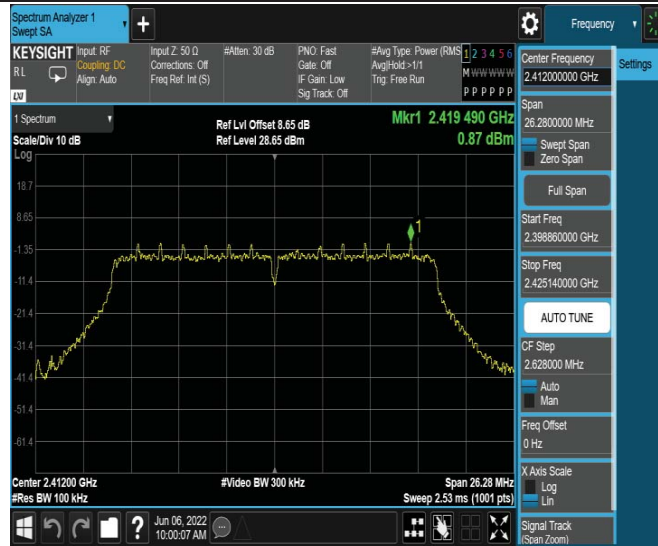
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



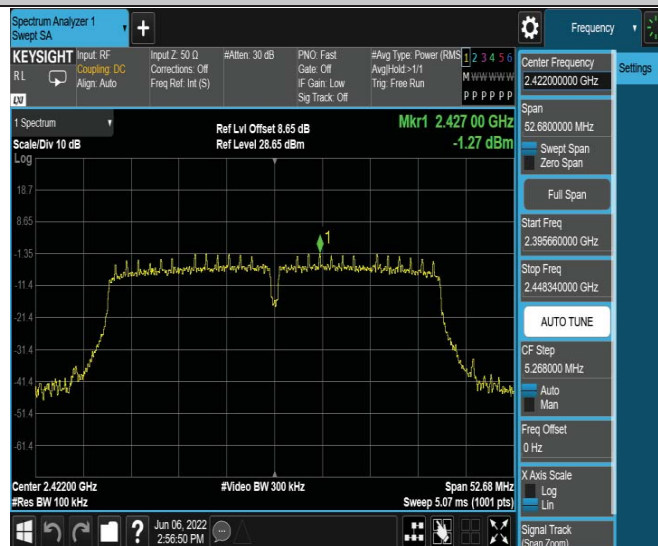
11N20SISO_Ant1_2437



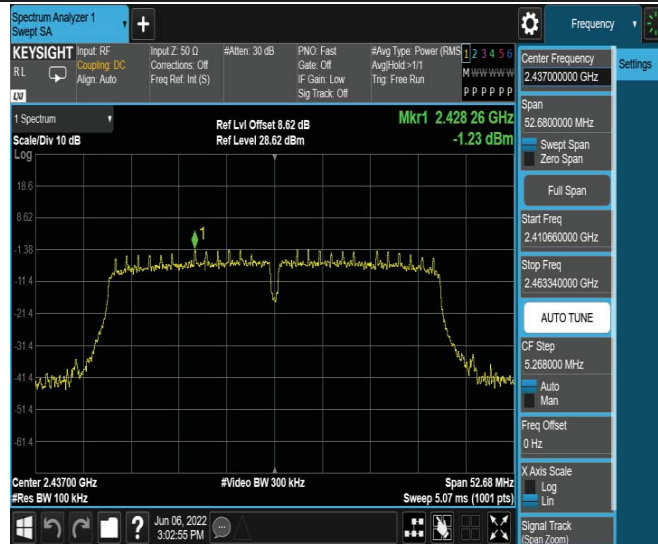
11N20SISO_Ant1_2462



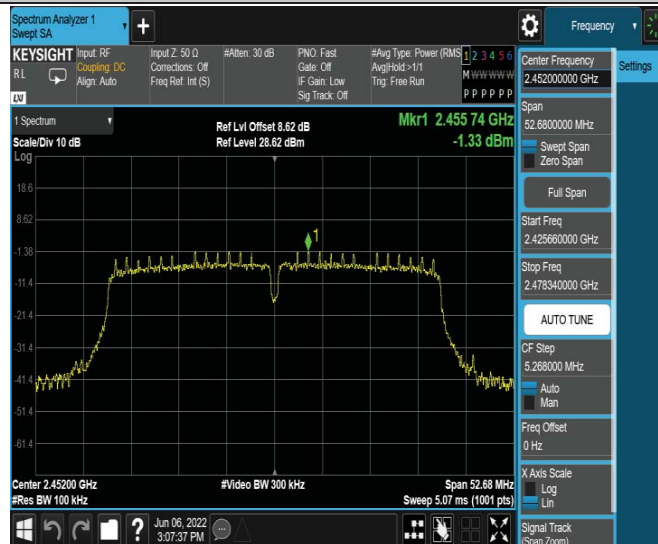
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.38	-37.41	≤-29.62	PASS
		High	2462	8.05	-47.7	≤-21.95	PASS
11G	Ant1	Low	2412	0.52	-38.84	≤-29.48	PASS
		High	2462	1.61	-43.29	≤-28.39	PASS
11N20SISO	Ant1	Low	2412	0.87	-34.56	≤-29.13	PASS
		High	2462	1.23	-45.11	≤-28.77	PASS
11N40SISO	Ant1	Low	2422	-1.27	-38.83	≤-31.27	PASS
		High	2452	-1.33	-41.56	≤-31.33	PASS