

Power level setting using in test:

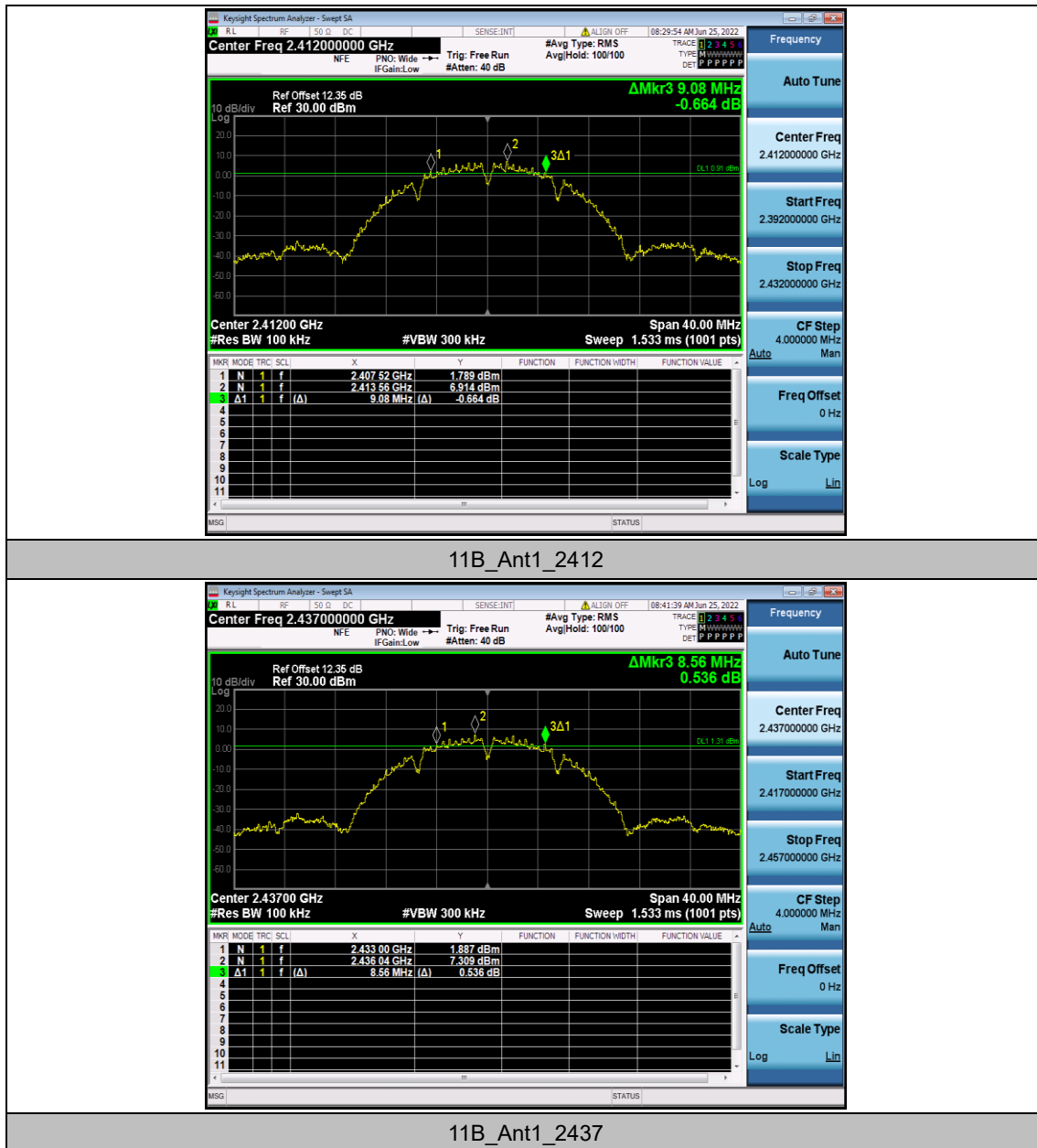
Band	Channel	Power Setting	Band	Channel	Power Setting
802.11b	1	1E/15	802.11 g/n20	1	1C/14
	6	1E/15		6	1C/14
	11	1E/15		11	1C/14
802.11n20	1	1C/14	802.11n40	3	16/11
	6	1C/14		6	16/11
	11	1C/14		9	16/11

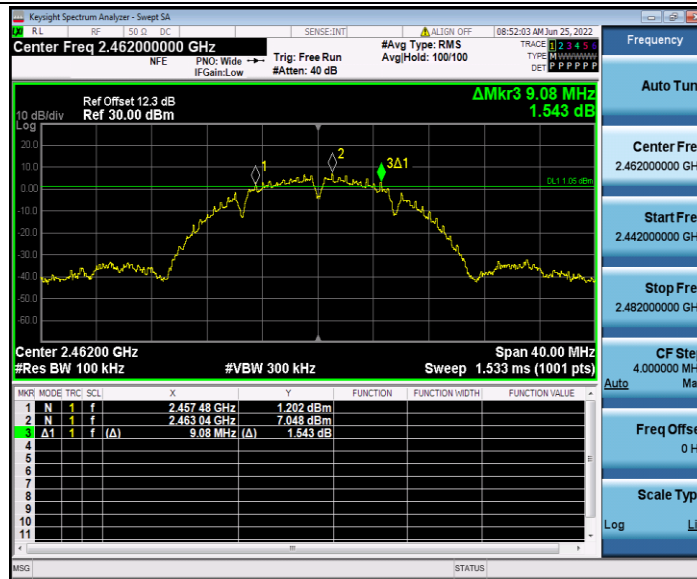
Appendix A: DTS Bandwidth

Test Result

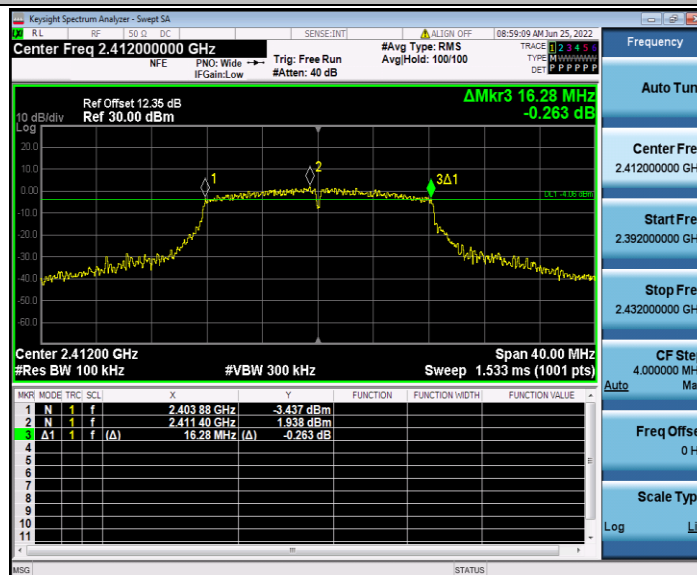
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.520	2416.600	0.5	PASS
		2437	8.560	2433.000	2441.560	0.5	PASS
		2462	9.080	2457.480	2466.560	0.5	PASS
11G	Ant1	2412	16.280	2403.880	2420.160	0.5	PASS
		2437	16.320	2428.880	2445.200	0.5	PASS
		2462	16.280	2453.880	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.280	2420.800	0.5	PASS
		2437	17.320	2428.240	2445.560	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.200	2404.640	2439.840	0.5	PASS
		2437	33.680	2419.240	2452.920	0.5	PASS
		2452	36.080	2433.840	2469.920	0.5	PASS

Test Graphs





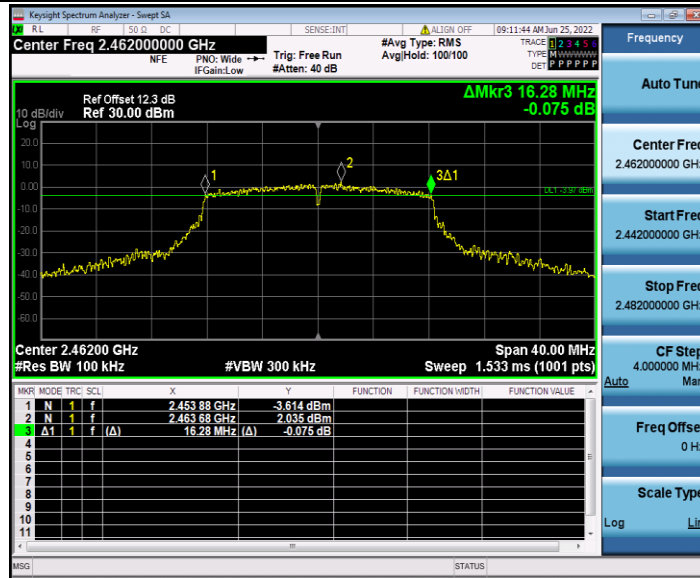
11B_Ant1_2462



11G_Ant1_2412



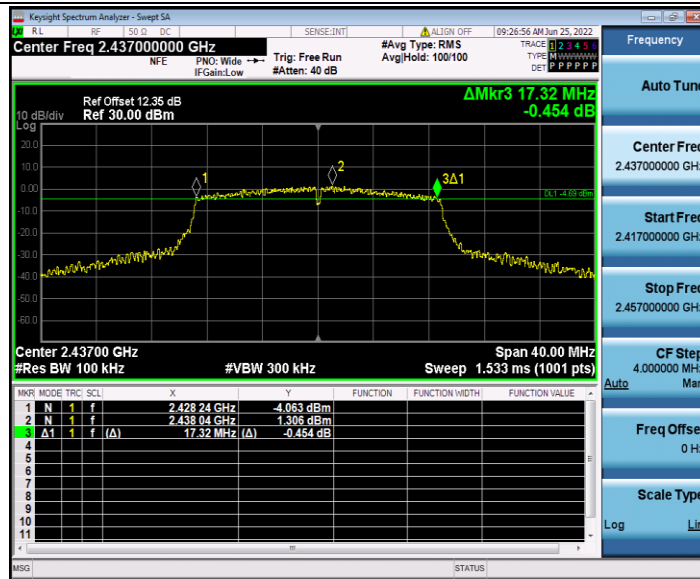
11G_Ant1_2437



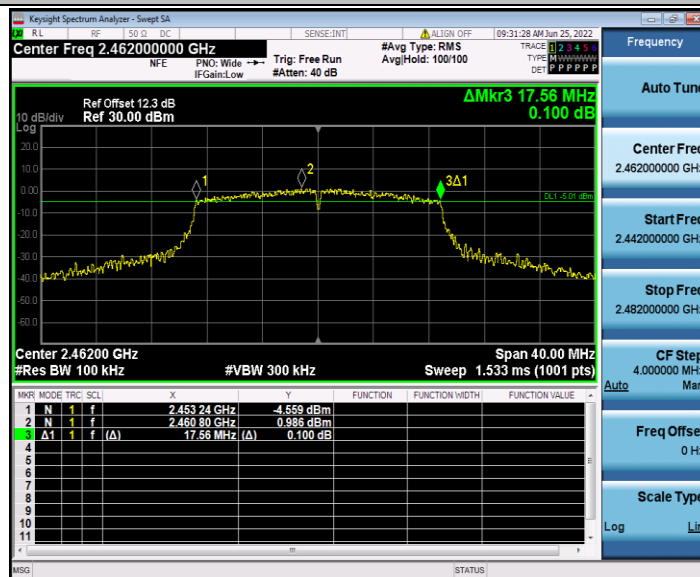
11G_Ant1_2462



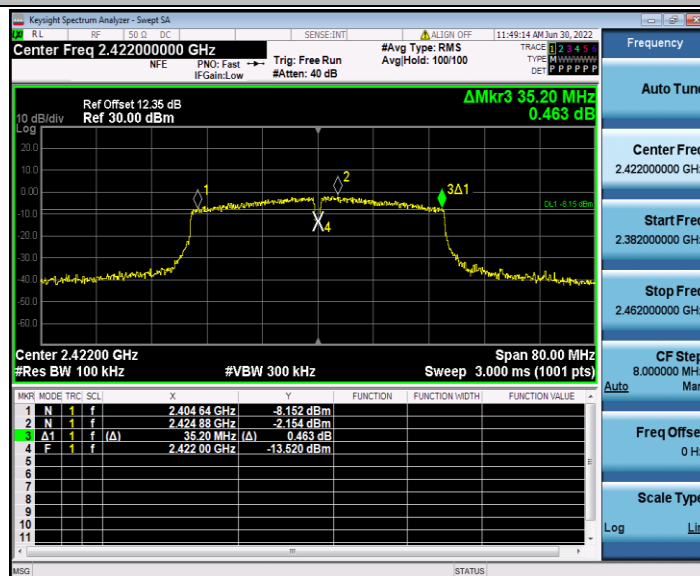
11N20SISO_Ant1_2412



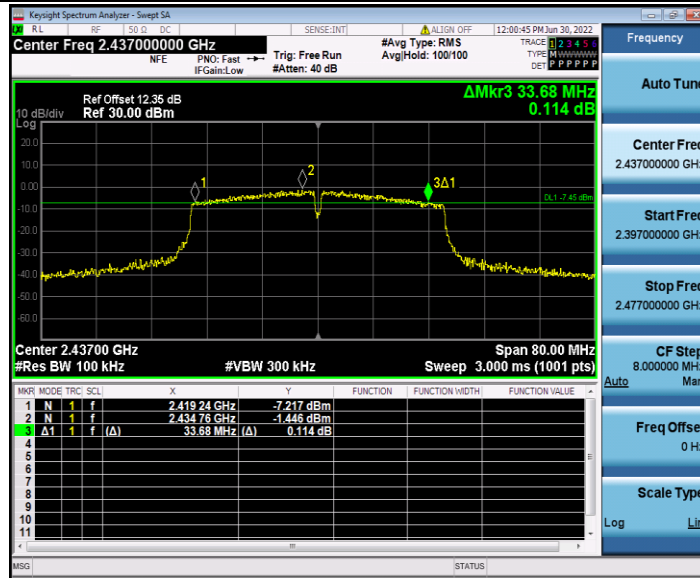
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



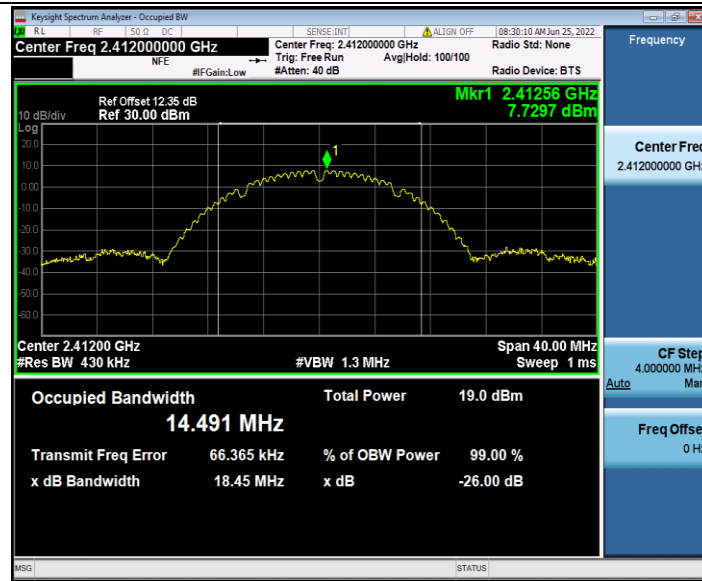
11N40SISO_Ant1_2452

Appendix B: Occupied Channel Bandwidth

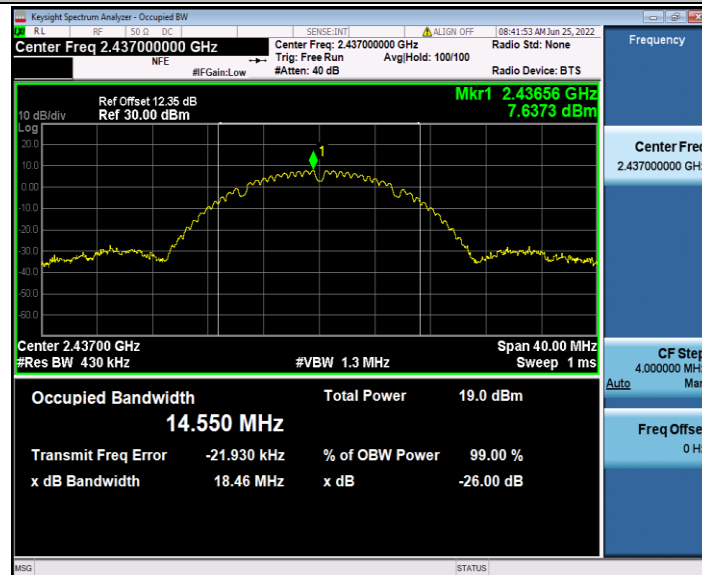
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.491	2404.821	2419.312	---	---
		2437	14.550	2429.703	2444.253	---	---
		2462	14.507	2454.771	2469.278	---	---
11G	Ant1	2412	16.806	2403.680	2420.486	---	---
		2437	16.830	2428.597	2445.427	---	---
		2462	16.912	2453.640	2470.552	---	---
11N20SISO	Ant1	2412	17.751	2403.179	2420.930	---	---
		2437	17.734	2428.161	2445.895	---	---
		2462	17.764	2453.150	2470.914	---	---
11N40SISO	Ant1	2422	35.900	2404.061	2439.961	---	---
		2437	35.954	2418.956	2454.910	---	---
		2452	36.115	2433.885	2470.000	---	---

Test Graphs



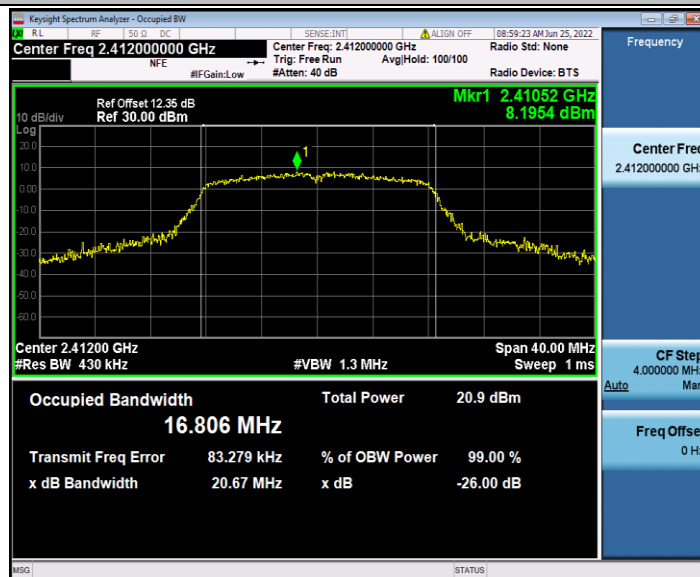
11B_Ant1_2412



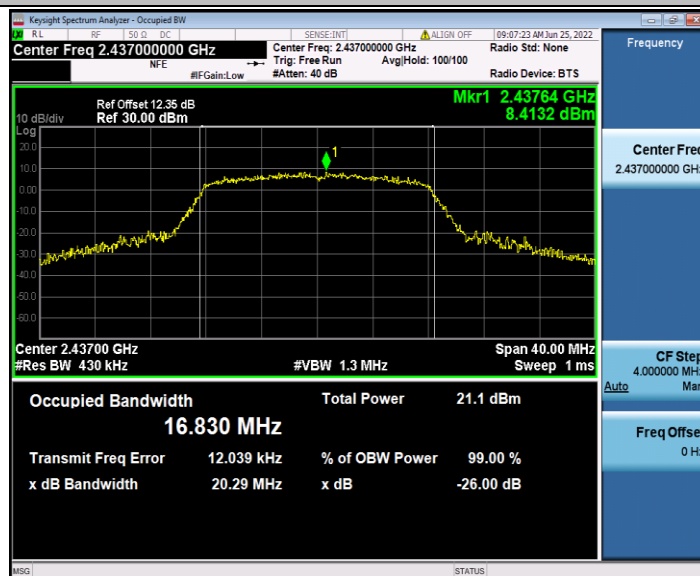
11B_Ant1_2437



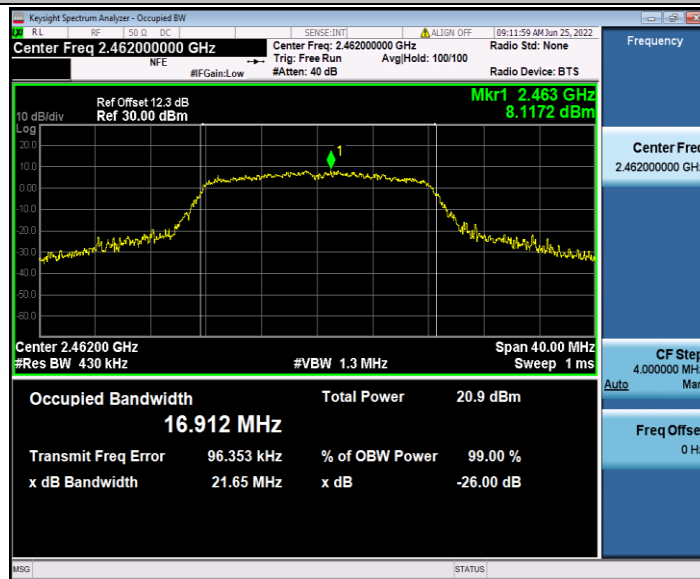
11B_Ant1_2462



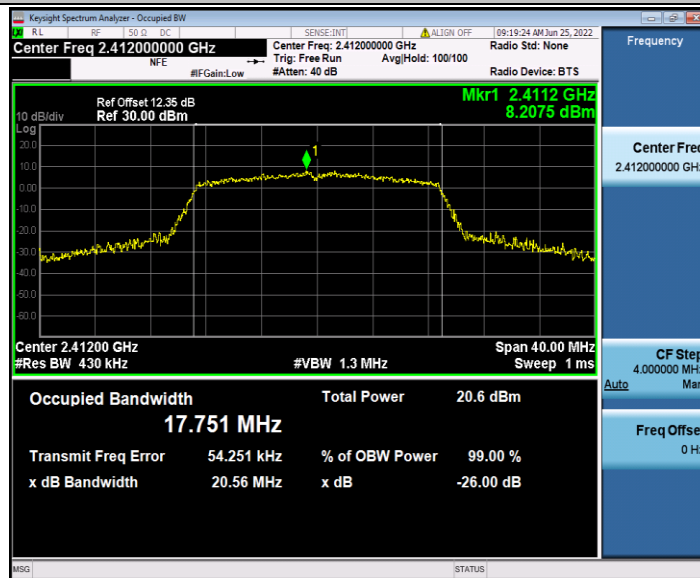
11G_Ant1_2412



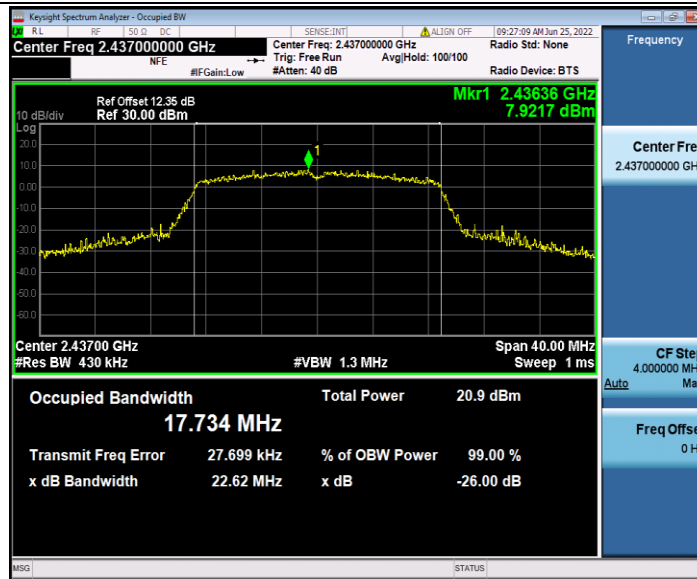
11G_Ant1_2437



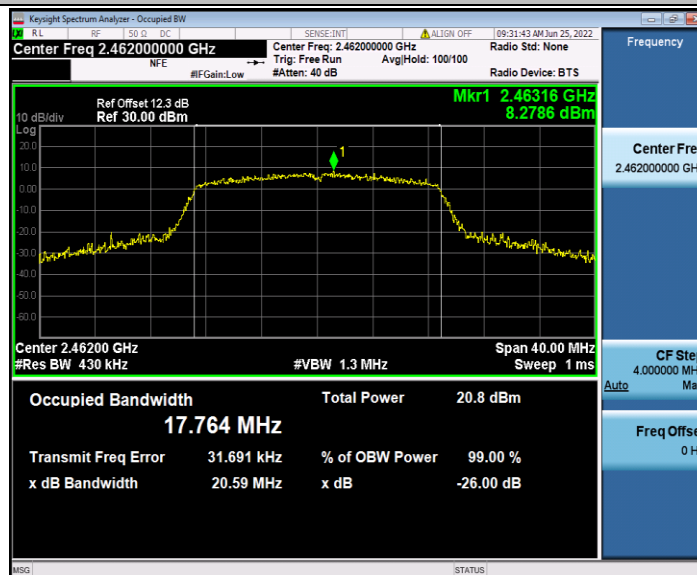
11G_Ant1_2462



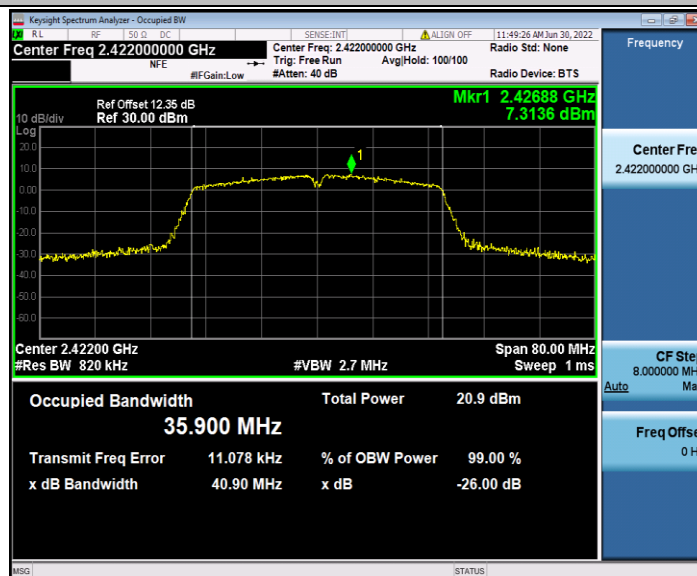
11N20SISO_Ant1_2412



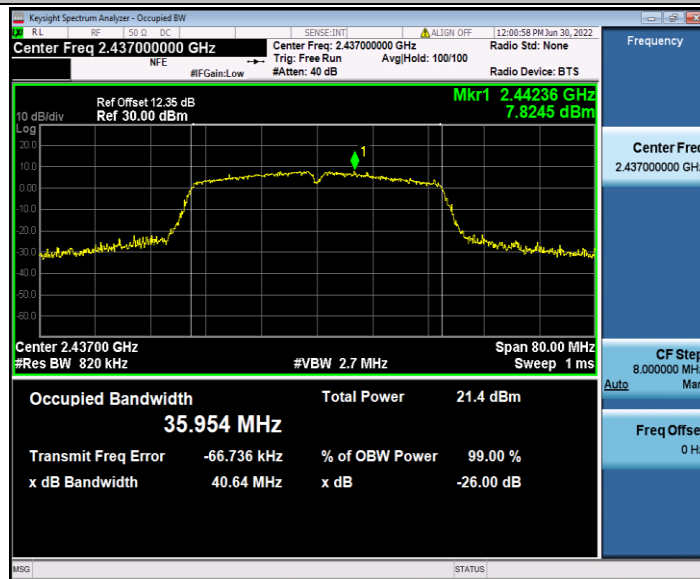
11N20SISO_Ant1_2437



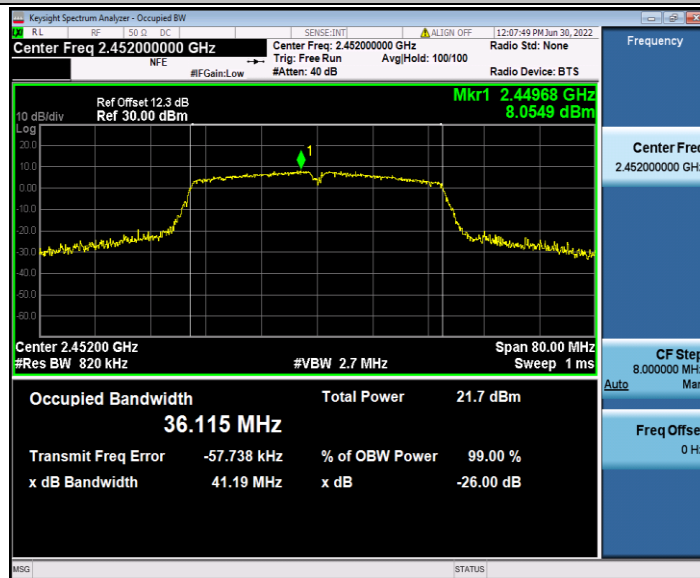
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



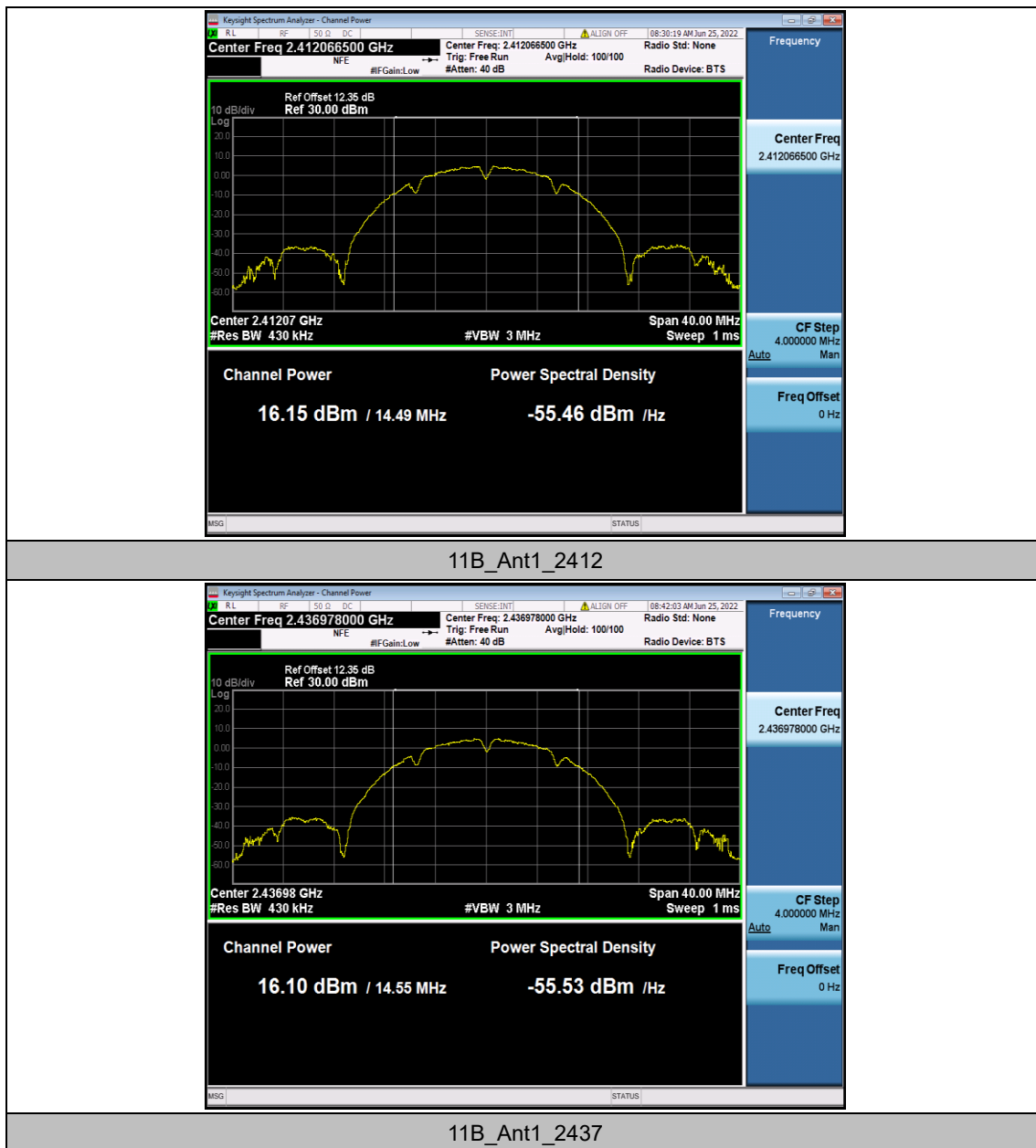
11N40SISO_Ant1_2452

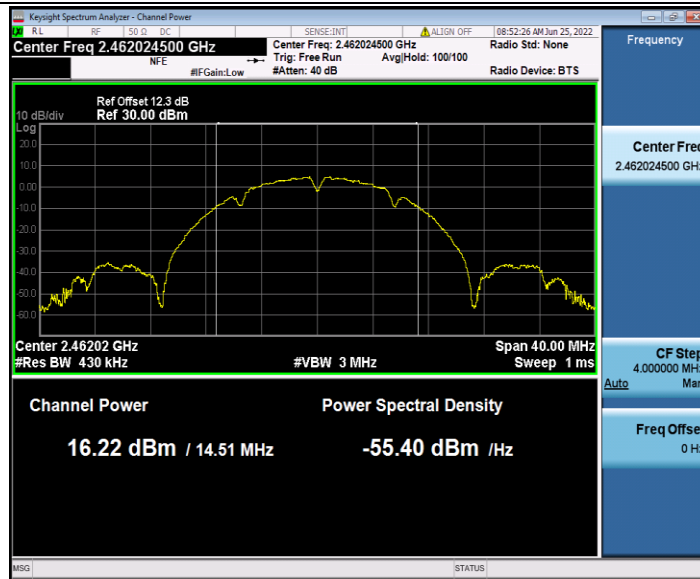
Appendix C: Maximum conducted output power

Test Result Average

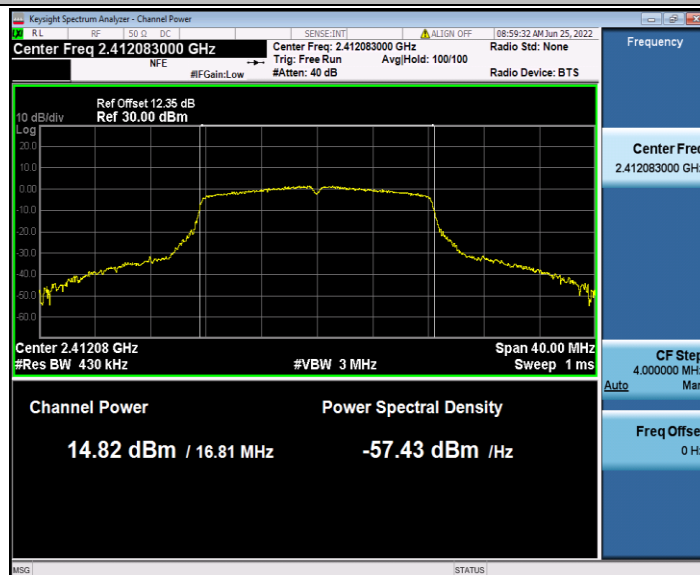
TestMode	Antenna	Frequency[MHz]	Average Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	16.15	≤30.00	17.99	≤36.00	PASS
		2437	16.10	≤30.00	17.94	≤36.00	PASS
		2462	16.22	≤30.00	18.06	≤36.00	PASS
11G	Ant1	2412	14.82	≤30.00	16.66	≤36.00	PASS
		2437	14.96	≤30.00	16.80	≤36.00	PASS
		2462	14.83	≤30.00	16.67	≤36.00	PASS
11N20SISO	Ant1	2412	14.58	≤30.00	16.42	≤36.00	PASS
		2437	14.84	≤30.00	16.68	≤36.00	PASS
		2462	14.68	≤30.00	16.52	≤36.00	PASS
11N40SISO	Ant1	2422	13.95	≤30.00	15.79	≤36.00	PASS
		2437	14.43	≤30.00	16.27	≤36.00	PASS
		2452	14.75	≤30.00	16.59	≤36.00	PASS

Test Graphs Peak

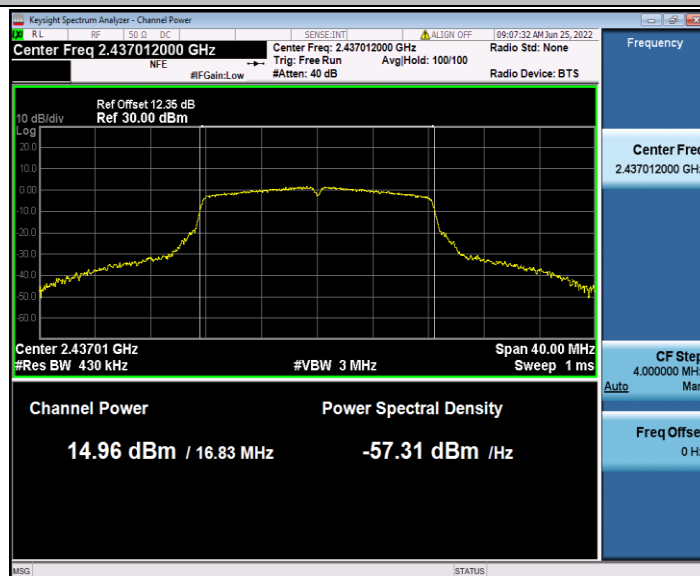




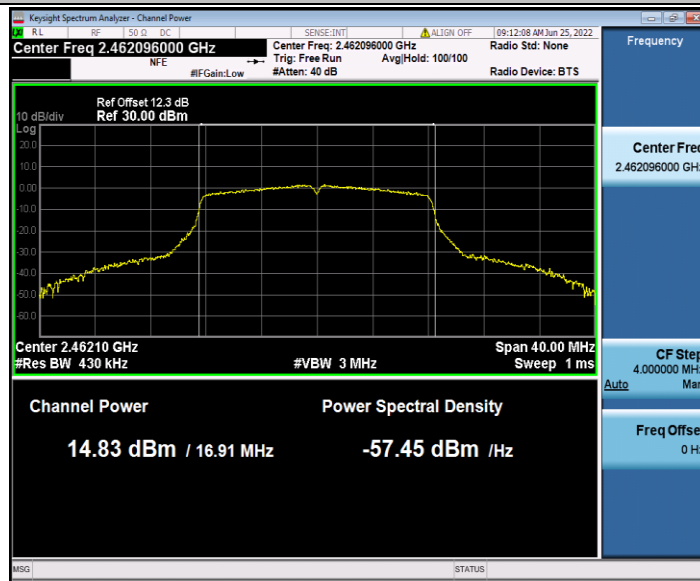
11B_Ant1_2462



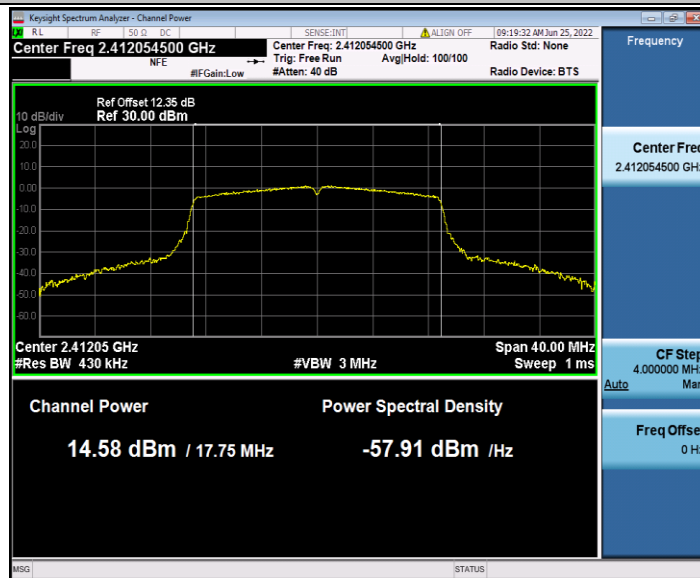
11G_Ant1_2412



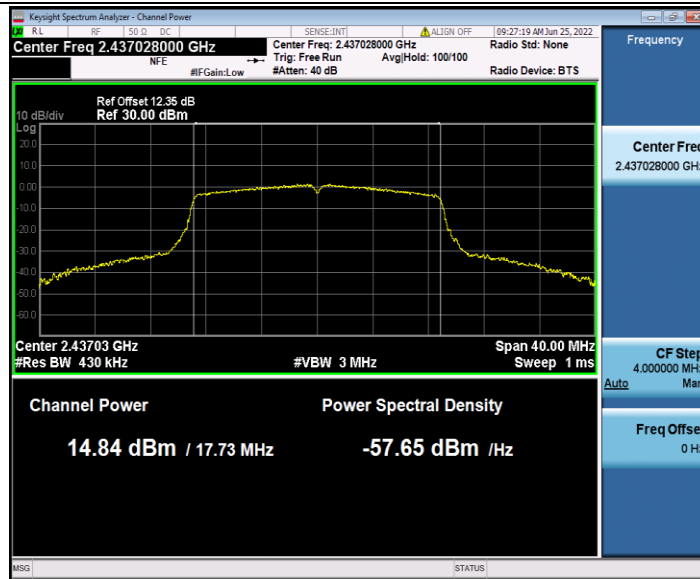
11G_Ant1_2437



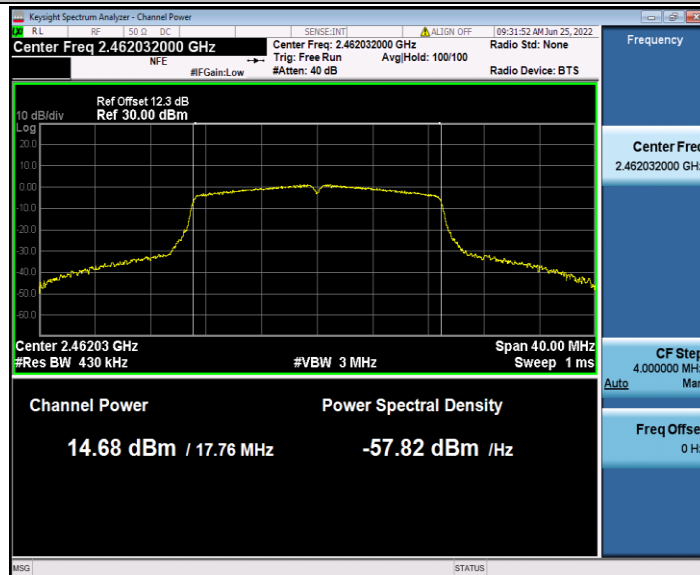
11G_Ant1_2462



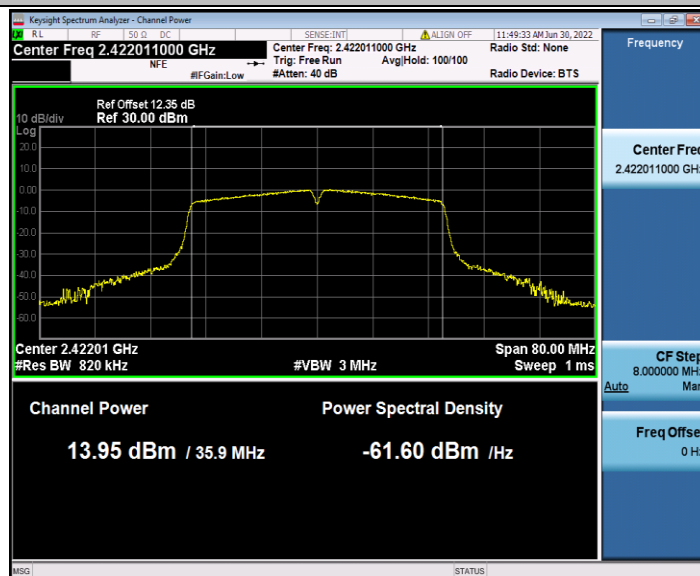
11N20SISO_Ant1_2412



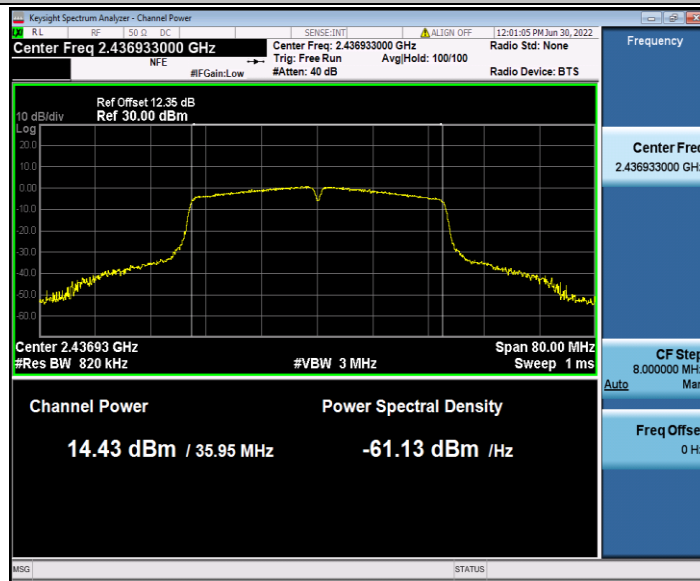
11N20SISO_Ant1_2437



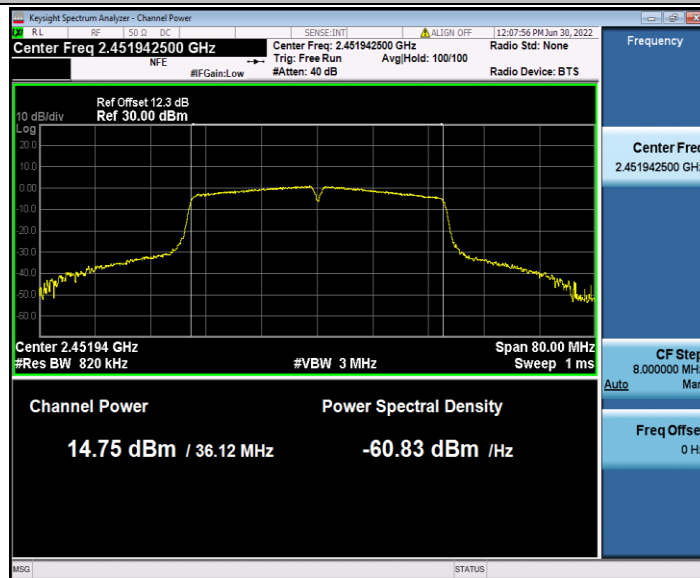
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.76	≤8.00	PASS
		2437	-15.62	≤8.00	PASS
		2462	-15.32	≤8.00	PASS
11G	Ant1	2412	-18.24	≤8.00	PASS
		2437	-18.05	≤8.00	PASS
		2462	-17.95	≤8.00	PASS
11N20SISO	Ant1	2412	-18.54	≤8.00	PASS
		2437	-18.32	≤8.00	PASS
		2462	-18.81	≤8.00	PASS
11N40SISO	Ant1	2422	-22.41	≤8.00	PASS
		2437	-21.79	≤8.00	PASS
		2452	-27.19	≤8.00	PASS

Test Graphs



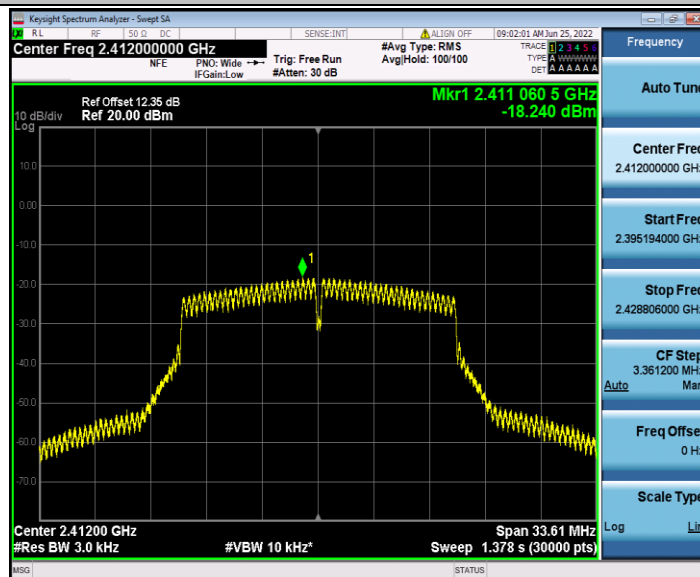
11B_Ant1_2412



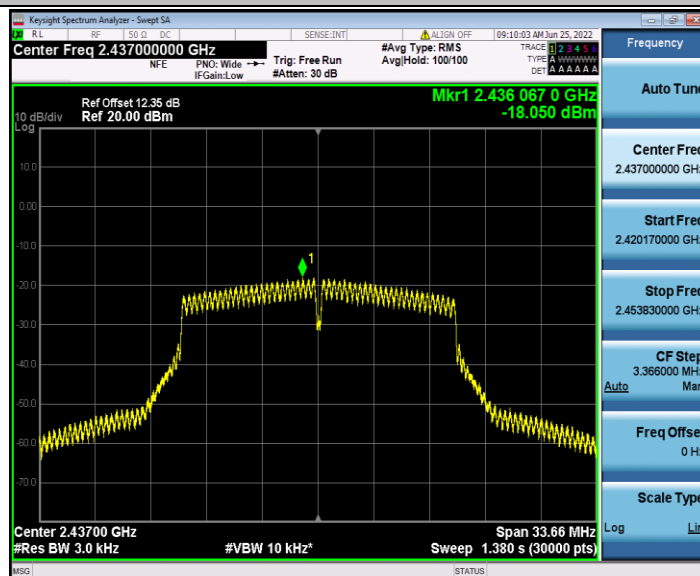
11B_Ant1_2437



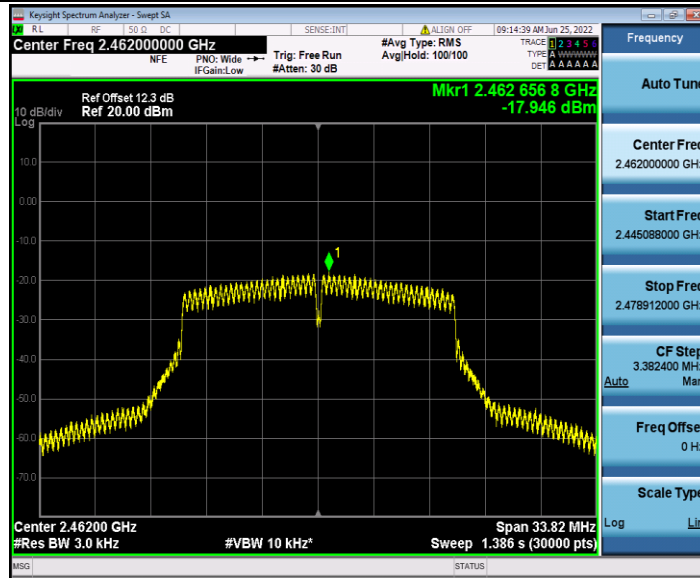
11B_Ant1_2462



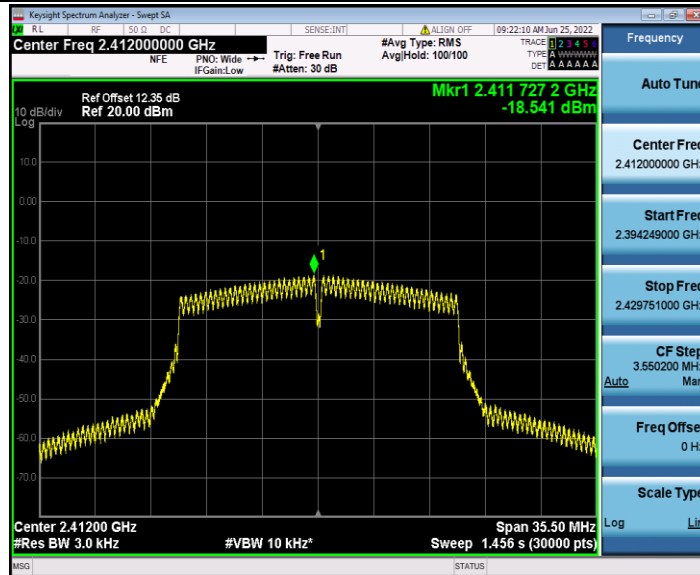
11G_Ant1_2412



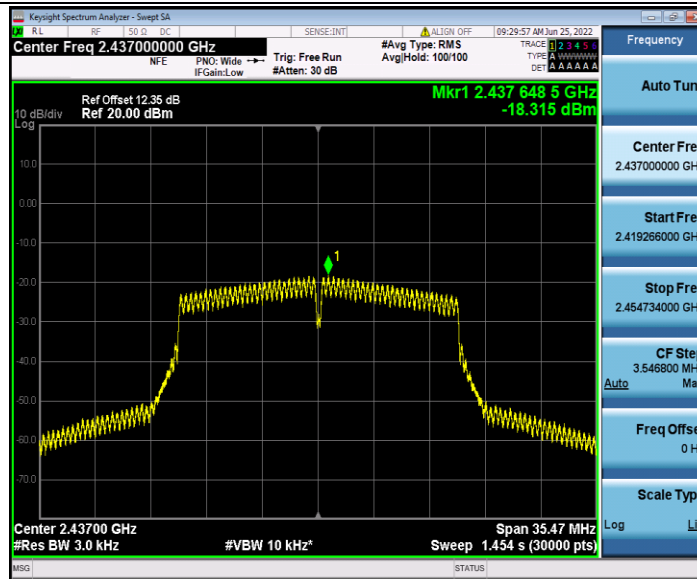
11G_Ant1_2437



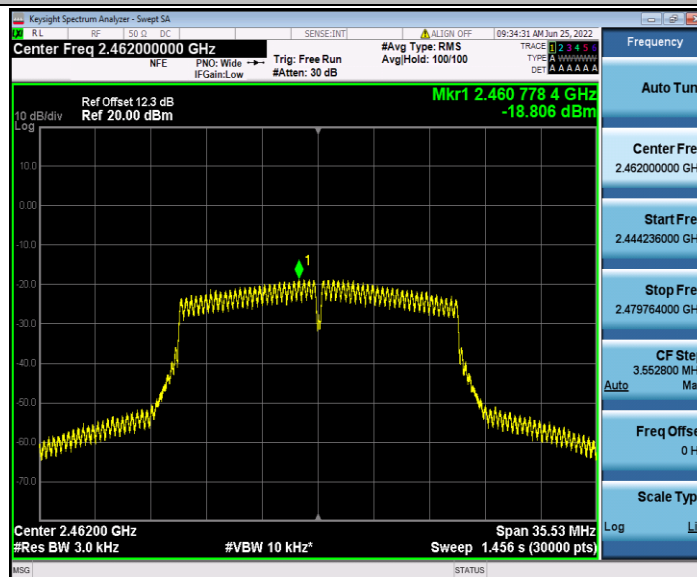
11G_Ant1_2462



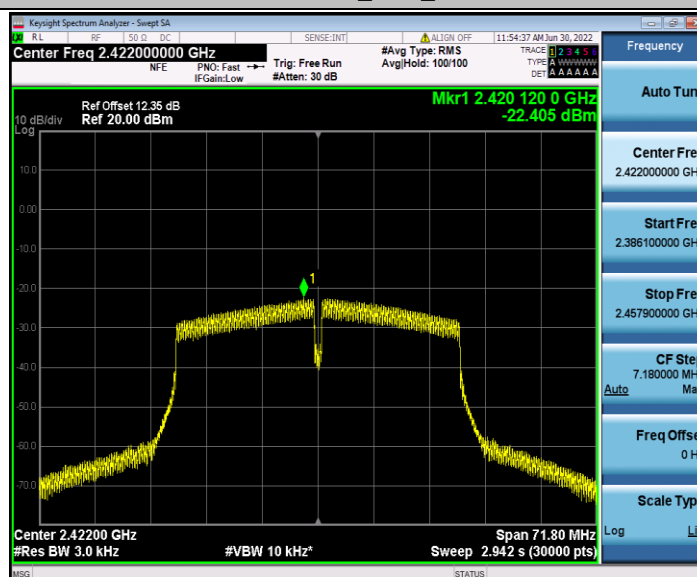
11N20SISO_Ant1_2412



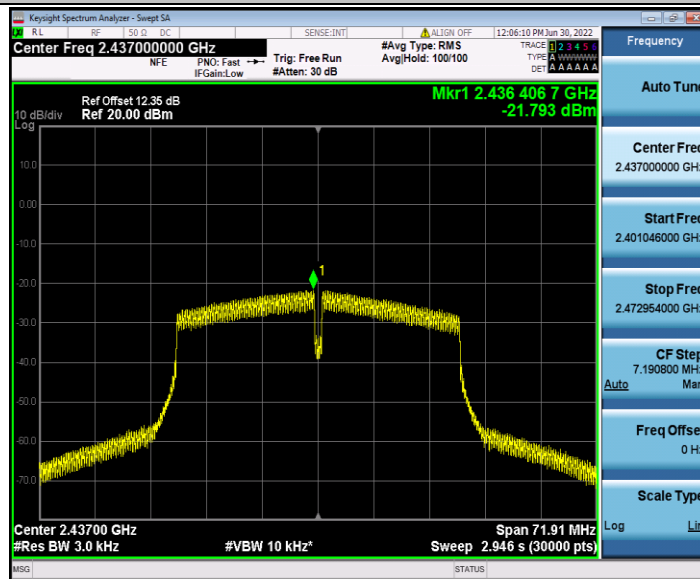
11N20SISO_Ant1_2437



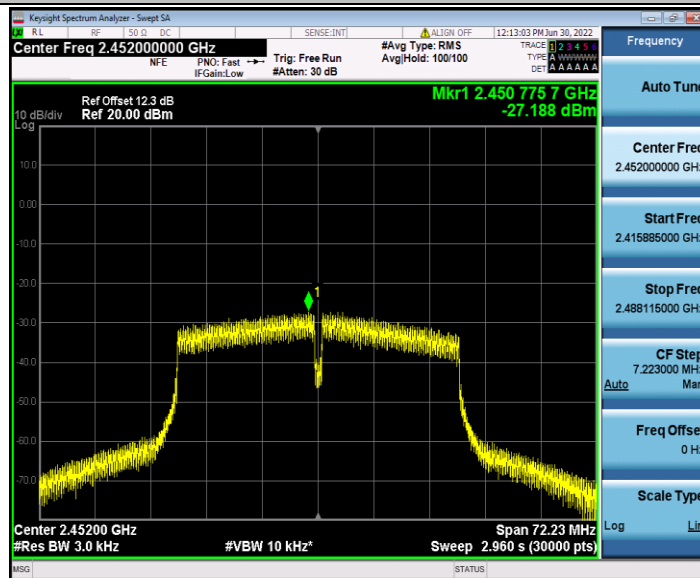
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.64	-34	≤-23.36	PASS
		High	2462	7.30	-48.52	≤-22.7	PASS
11G	Ant1	Low	2412	1.58	-28.64	≤-28.42	PASS
		High	2462	1.82	-43.73	≤-28.19	PASS
11N20SISO	Ant1	Low	2412	1.23	-30.89	≤-28.77	PASS
		High	2462	1.28	-42.22	≤-28.72	PASS
11N40SISO	Ant1	Low	2422	-1.29	-33.03	≤-31.29	PASS
		High	2452	-1.86	-38.25	≤-31.86	PASS

Test Graphs

