

Case No. : <u>GTS20250923006-1-03</u>
Ambient Condition: <u>22</u> °C, <u>48</u> %RH,
Test Date: <u>2025.10.14-2025.11.18</u> Test Engineer: <u>Evan ouyang</u>

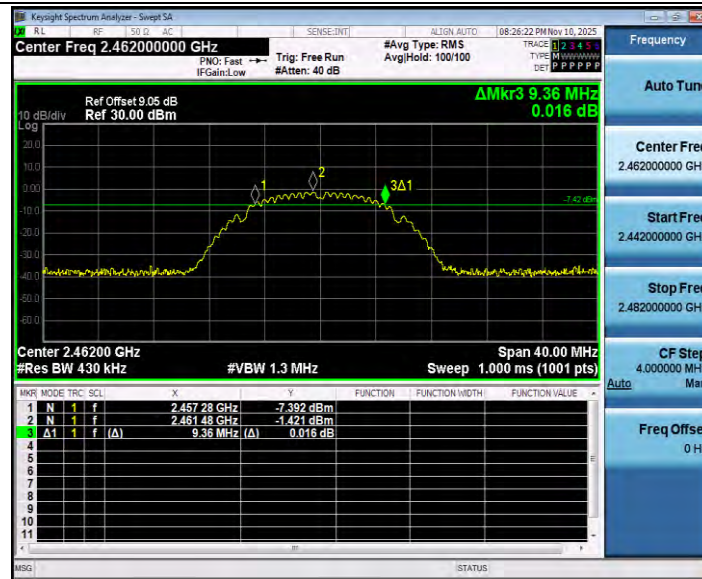
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.280	2407.320	2416.600	0.5	PASS
		2437	9.360	2432.280	2441.640	0.5	PASS
		2462	9.360	2457.280	2466.640	0.5	PASS
11G	Ant1	2412	16.480	2403.720	2420.200	0.5	PASS
		2437	15.800	2429.120	2444.920	0.5	PASS
		2462	16.560	2453.720	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.800	2403.120	2420.920	0.5	PASS
		2437	17.800	2428.080	2445.880	0.5	PASS
		2462	17.760	2453.120	2470.880	0.5	PASS
11N40SISO	Ant1	2422	36.560	2403.520	2440.080	0.5	PASS
		2437	36.560	2418.520	2455.080	0.5	PASS
		2452	36.800	2433.440	2470.240	0.5	PASS
11AX20SISO	Ant1	2412	18.880	2402.480	2421.360	0.5	PASS
		2437	19.040	2427.480	2446.520	0.5	PASS
		2462	18.920	2452.520	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2402.880	2440.800	0.5	PASS
		2437	38.160	2417.880	2456.040	0.5	PASS
		2452	37.760	2433.120	2470.880	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



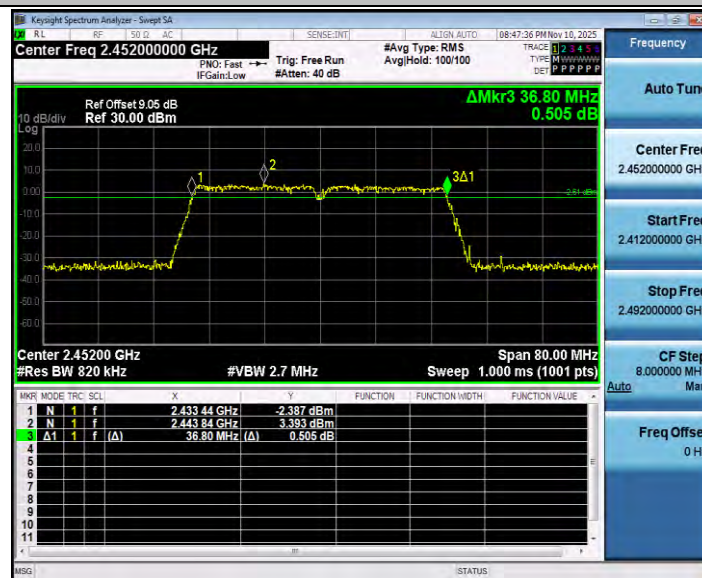
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



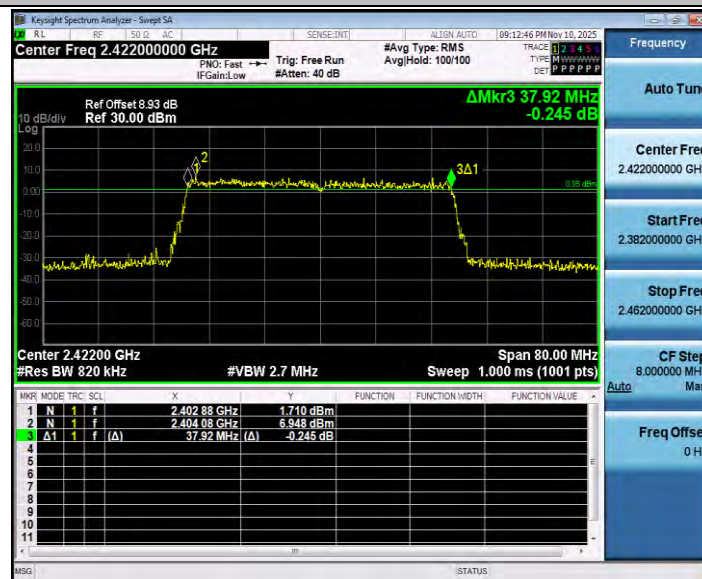
11AX20SISO_Ant1_2437



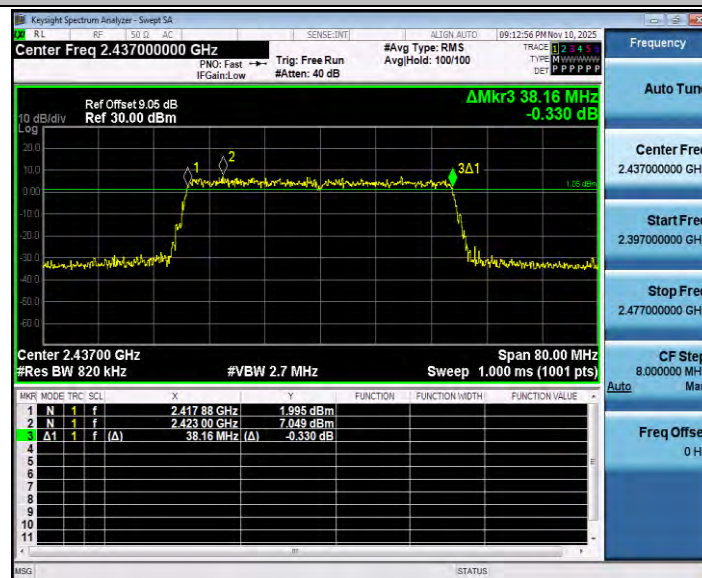
11AX20SISO_Ant1_2462



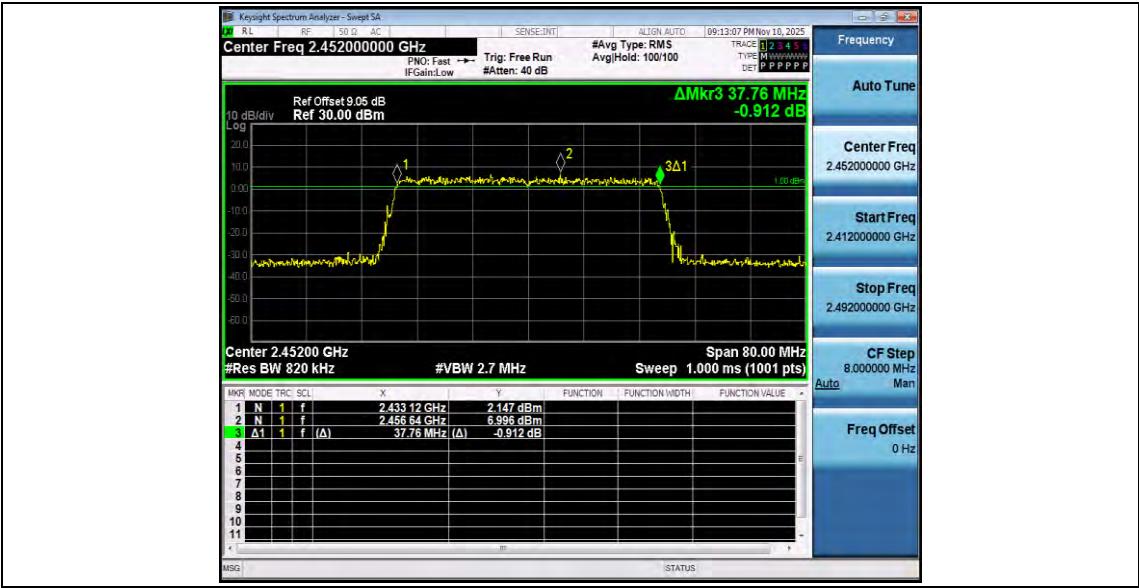
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



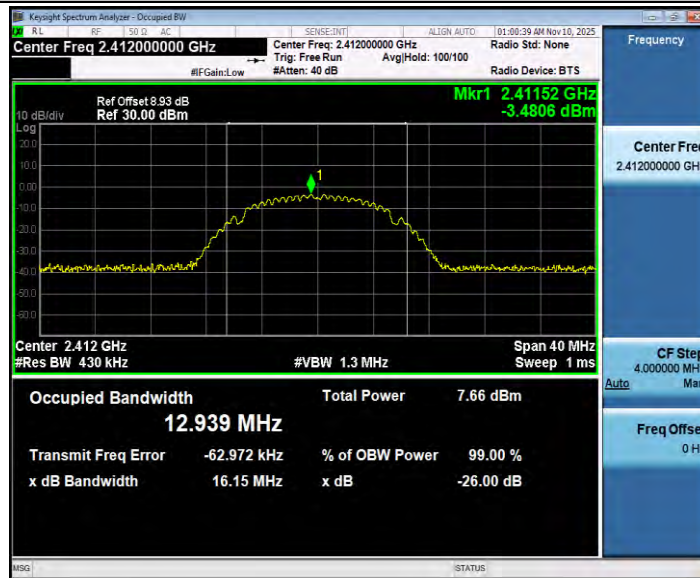
Appendix C.2: Occupied Channel Bandwidth

Test Result

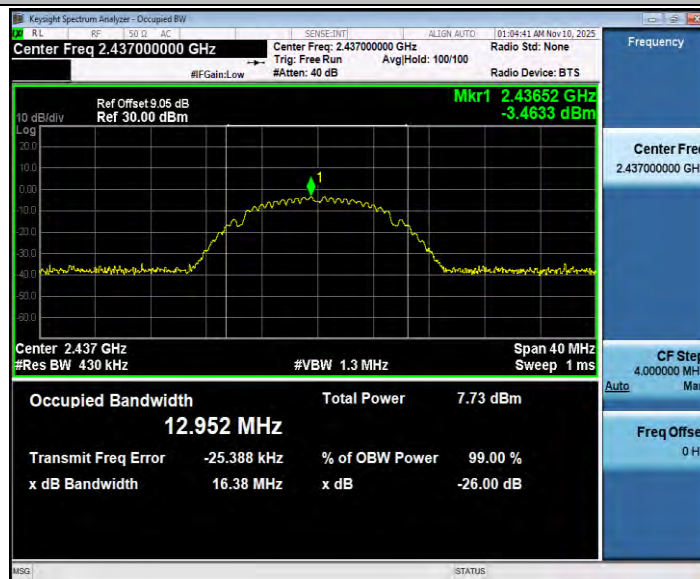
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.939	2405.4675	2418.4065	---	---
		2437	12.952	2430.4986	2443.4506	---	---
		2462	12.911	2455.5043	2468.4153	---	---
11G	Ant1	2412	17.489	2403.1593	2420.6483	---	---
		2437	17.625	2428.1077	2445.7327	---	---
		2462	18.412	2452.7050	2471.1170	---	---
11N20SISO	Ant1	2412	18.385	2402.7646	2421.1496	---	---
		2437	18.487	2427.7294	2446.2164	---	---
		2462	18.448	2452.7283	2471.1763	---	---
11N40SISO	Ant1	2422	36.993	2403.4639	2440.4569	---	---
		2437	36.840	2418.5174	2455.3574	---	---
		2452	37.025	2433.4500	2470.4750	---	---
11AX20SISO	Ant1	2412	19.253	2402.3345	2421.5875	---	---
		2437	19.252	2427.3268	2446.5788	---	---
		2462	19.413	2452.2291	2471.6421	---	---
11AX40SISO	Ant1	2422	38.205	2402.8401	2441.0451	---	---
		2437	38.287	2417.7719	2456.0589	---	---
		2452	38.119	2432.9216	2471.0406	---	---

Test Graphs

11B_Ant1_2412



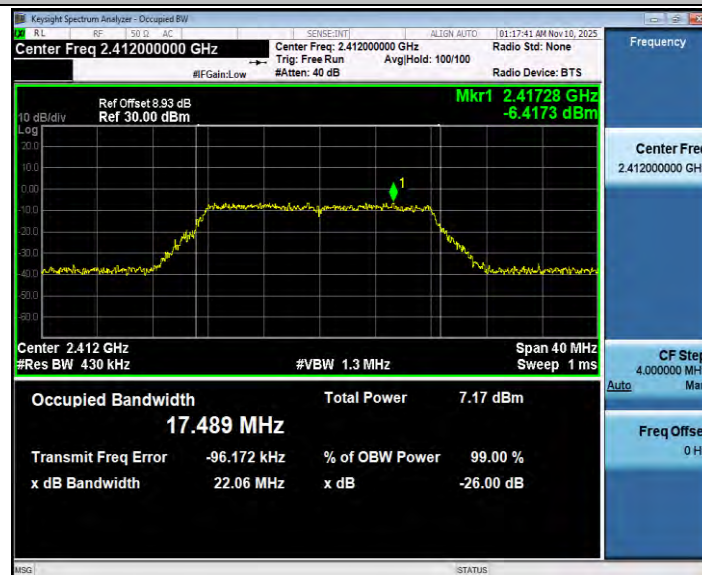
11B_Ant1_2437



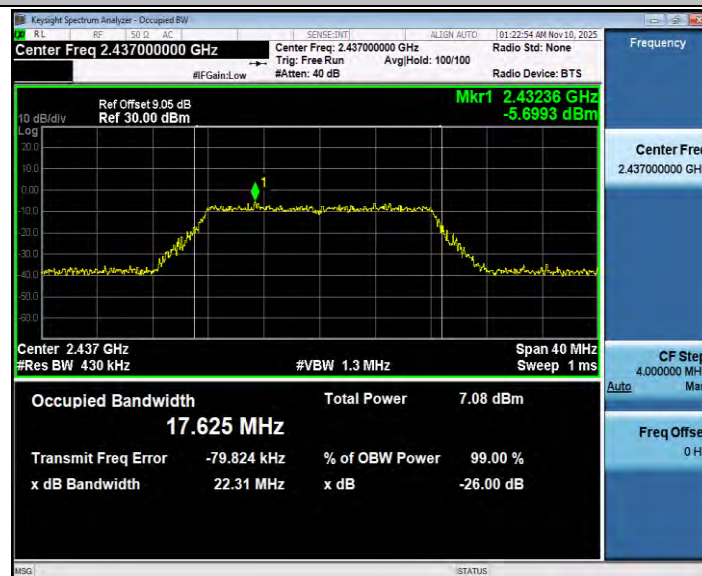
11B_Ant1_2462



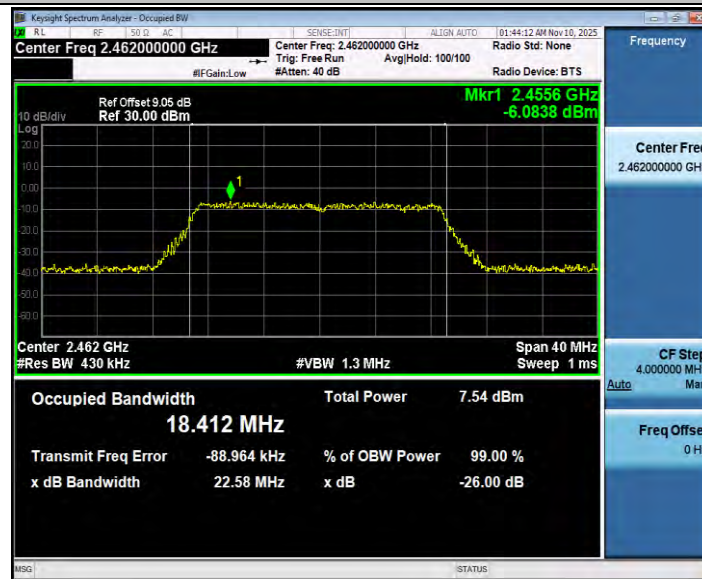
11G_Ant1_2412



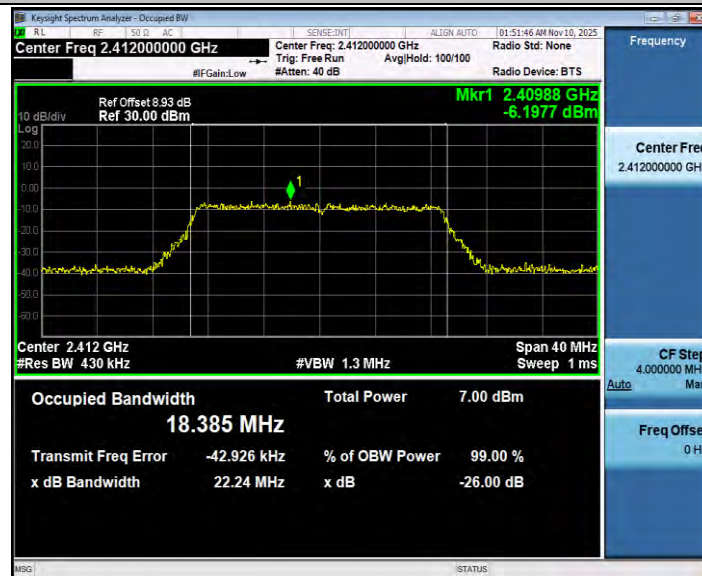
11G_Ant1_2437



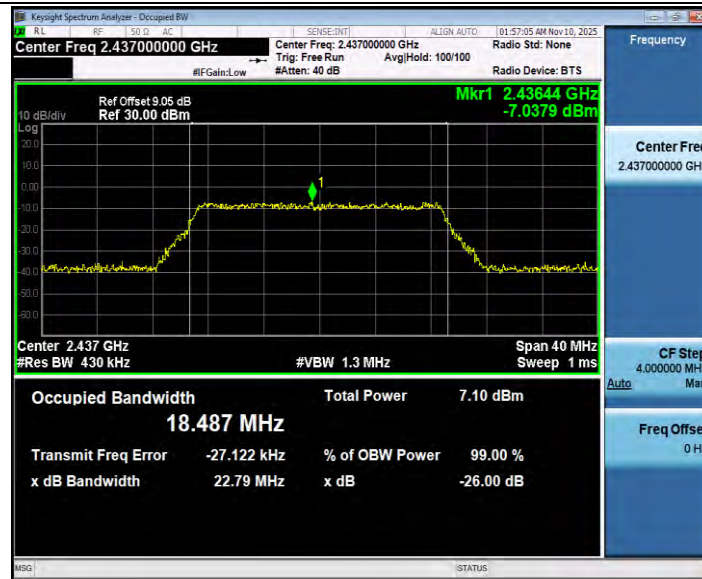
11G_Ant1_2462



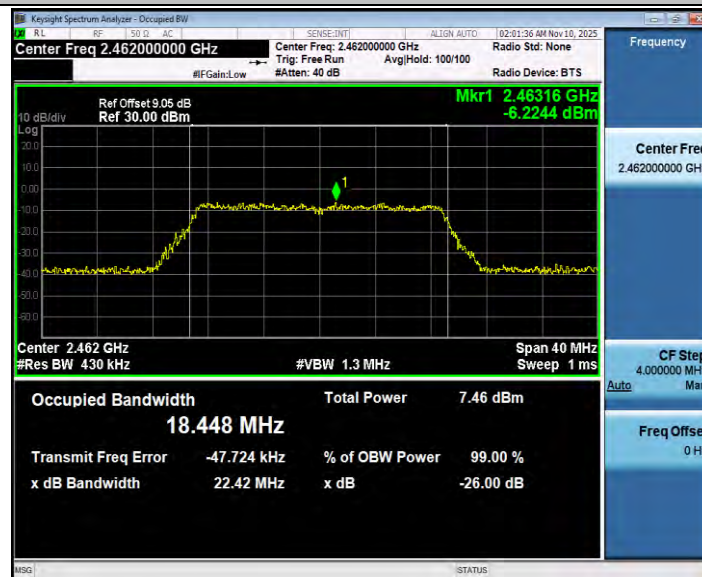
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



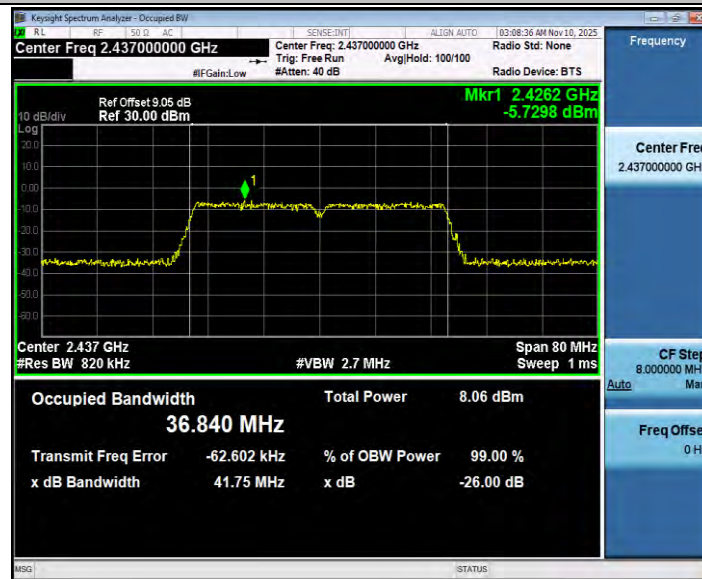
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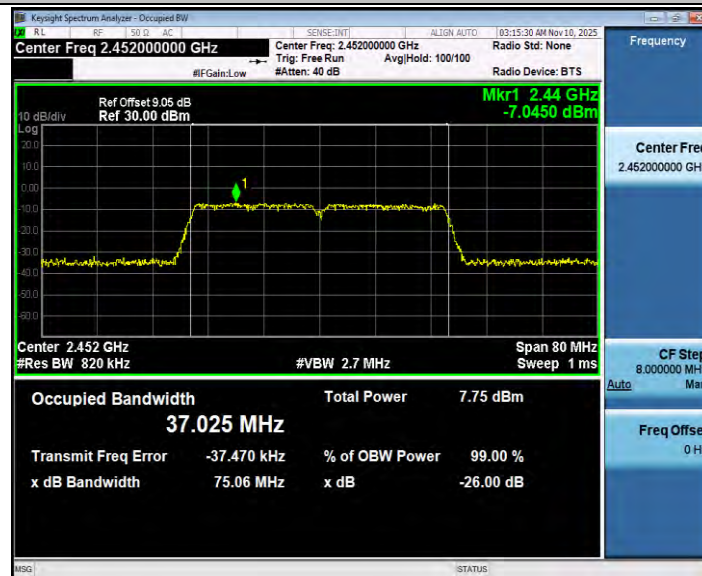
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



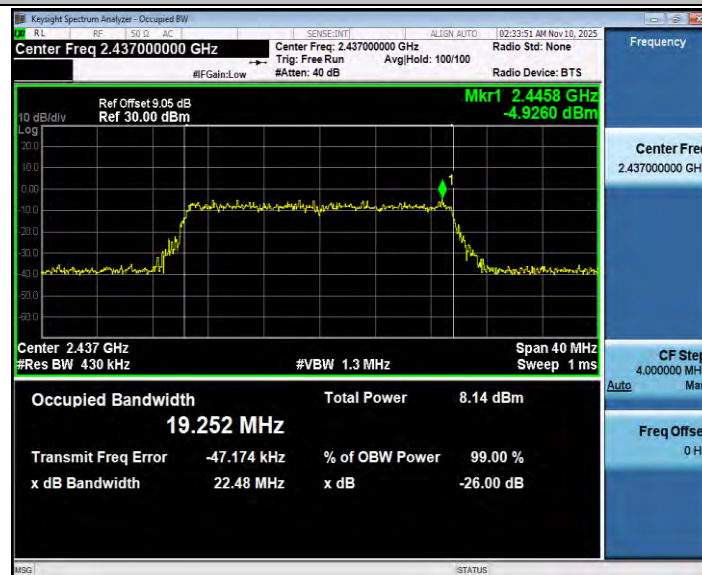
11N40SISO_Ant1_2452



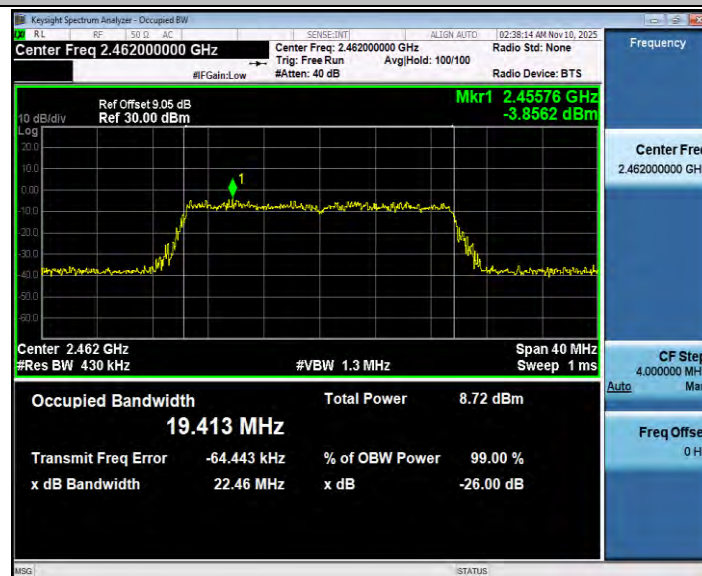
11AX20SISO_Ant1_2412



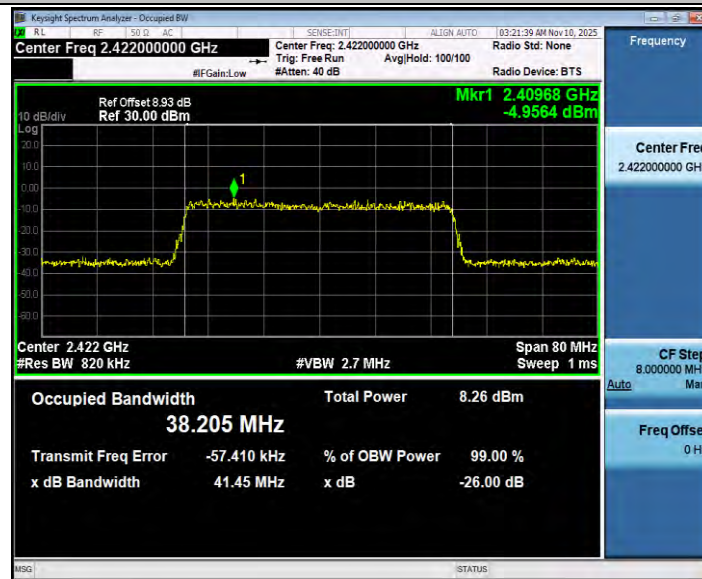
11AX20SISO_Ant1_2437



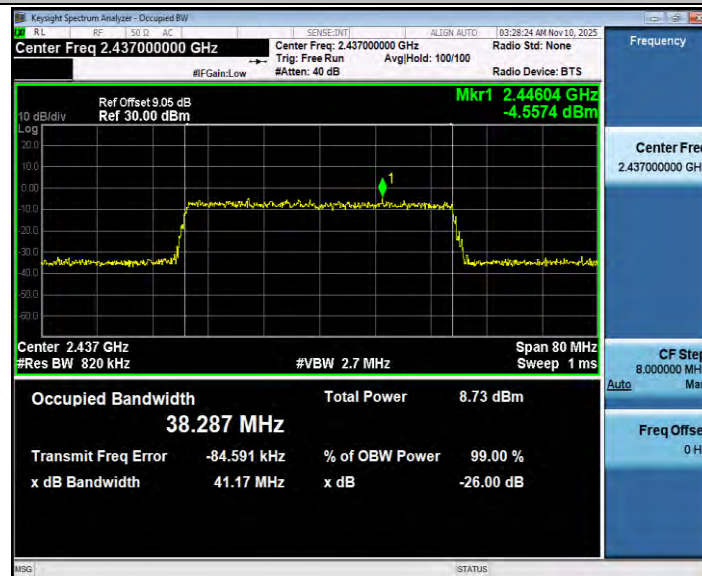
11AX20SISO_Ant1_2462



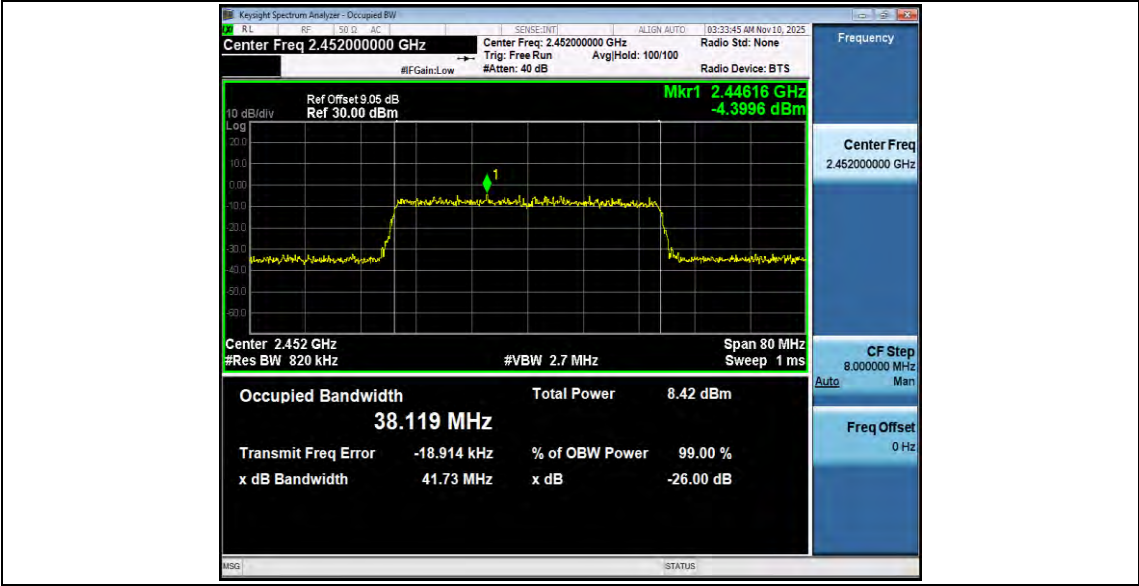
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	7.85	≤30.00	PASS
		2437	7.90	≤30.00	PASS
		2462	8.42	≤30.00	PASS
11G	Ant1	2412	8.31	≤30.00	PASS
		2437	8.13	≤30.00	PASS
		2462	8.71	≤30.00	PASS
11N20SISO	Ant1	2412	8.11	≤30.00	PASS
		2437	8.15	≤30.00	PASS
		2462	8.53	≤30.00	PASS
11N40SISO	Ant1	2422	7.79	≤30.00	PASS
		2437	8.32	≤30.00	PASS
		2452	7.96	≤30.00	PASS
11AX20SISO	Ant1	2412	8.88	≤30.00	PASS
		2437	8.94	≤30.00	PASS
		2462	8.27	≤30.00	PASS
11AX40SISO	Ant1	2422	8.25	≤30.00	PASS
		2437	8.83	≤30.00	PASS
		2452	8.47	≤30.00	PASS

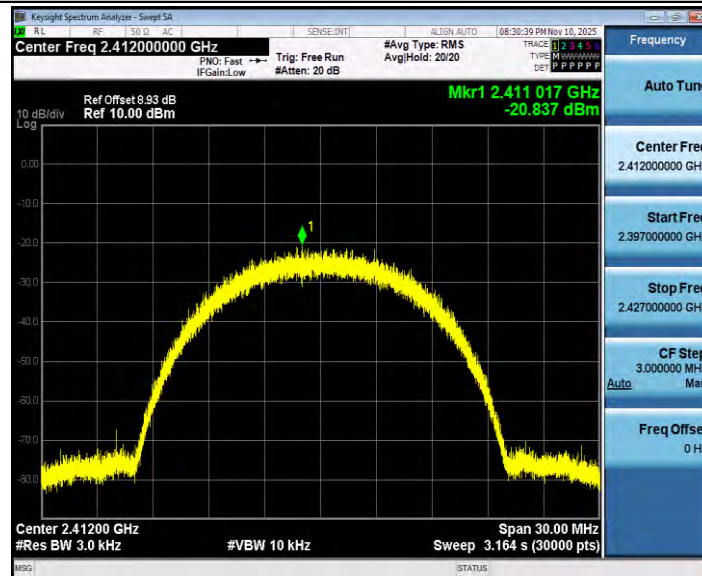
Appendix C.4: Maximum power spectral density

Test Result

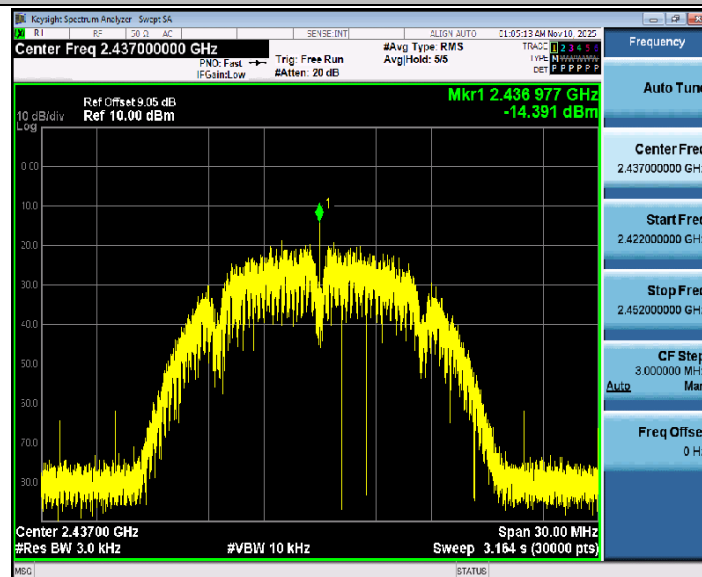
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-20.84	≤8.00	PASS
		2437	-14.39	≤8.00	PASS
		2462	-3.89	≤8.00	PASS
11G	Ant1	2412	-23.37	≤8.00	PASS
		2437	-23.15	≤8.00	PASS
		2462	-23.47	≤8.00	PASS
11N20SISO	Ant1	2412	-23.88	≤8.00	PASS
		2437	-24.21	≤8.00	PASS
		2462	-22.63	≤8.00	PASS
11N40SISO	Ant1	2422	-26.74	≤8.00	PASS
		2437	-25.46	≤8.00	PASS
		2452	-25.86	≤8.00	PASS
11AX20SISO	Ant1	2412	-23.95	≤8.00	PASS
		2437	-24.69	≤8.00	PASS
		2462	-22.69	≤8.00	PASS
11AX40SISO	Ant1	2422	-27.73	≤8.00	PASS
		2437	-26.45	≤8.00	PASS
		2452	-26.29	≤8.00	PASS

Test Graphs

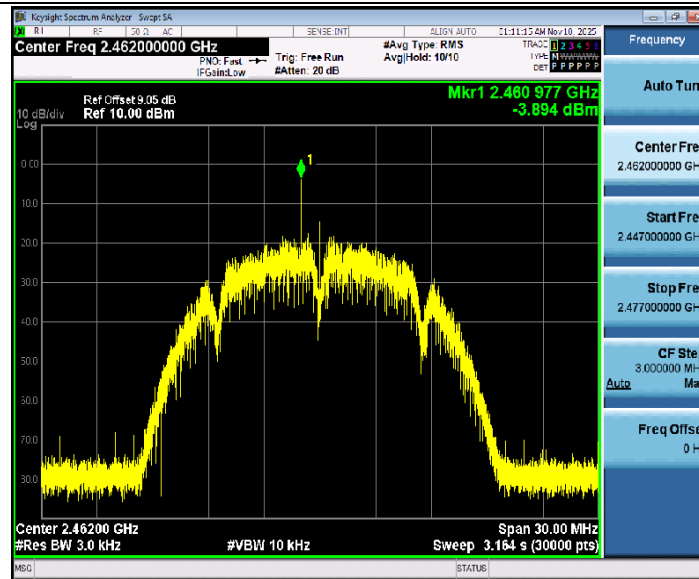
11B_Ant1_2412



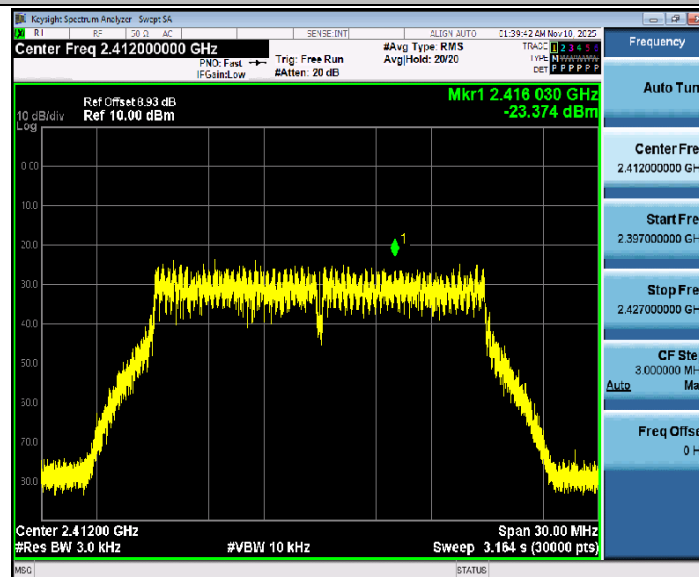
11B_Ant1_2437



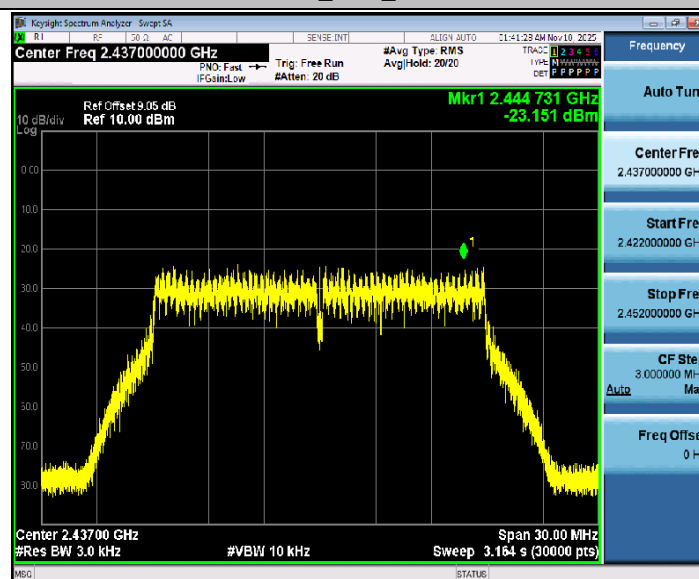
11B_Ant1_2462



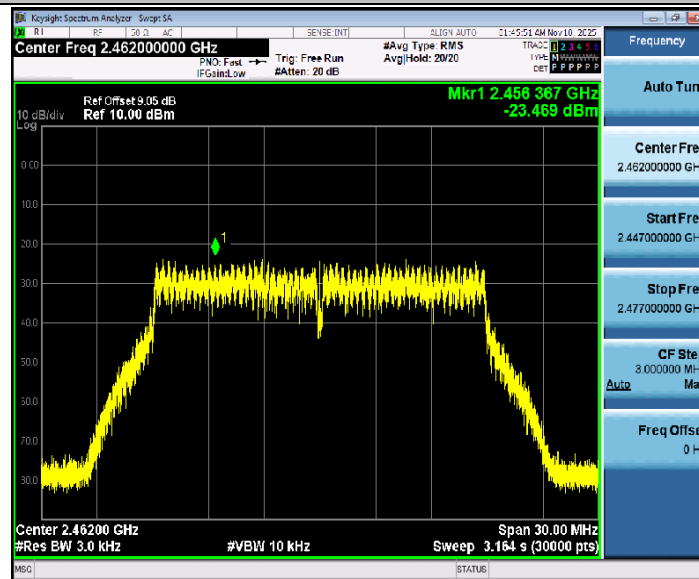
11G_Ant1_2412



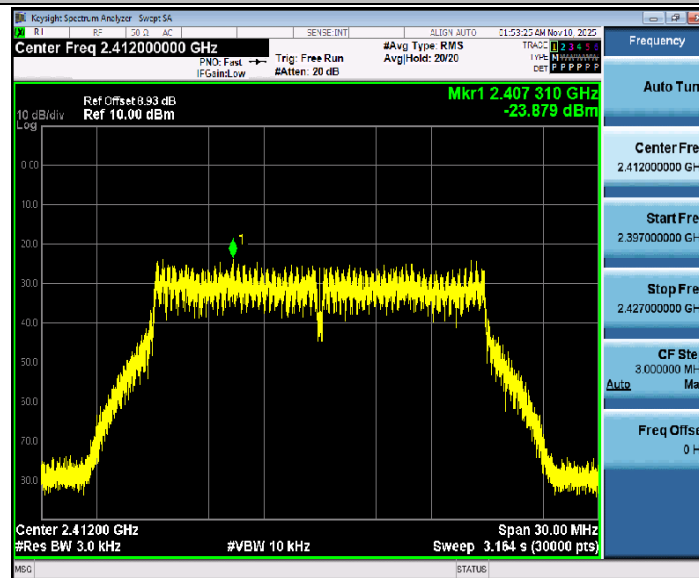
11G_Ant1_2437



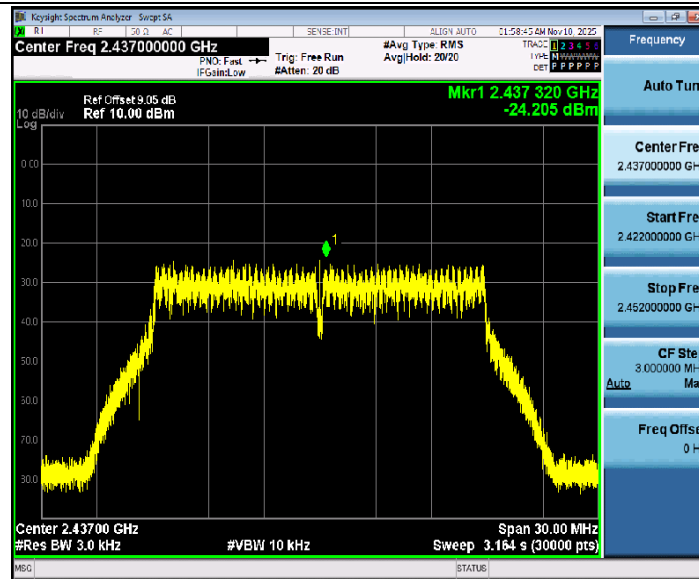
11G_Ant1_2462



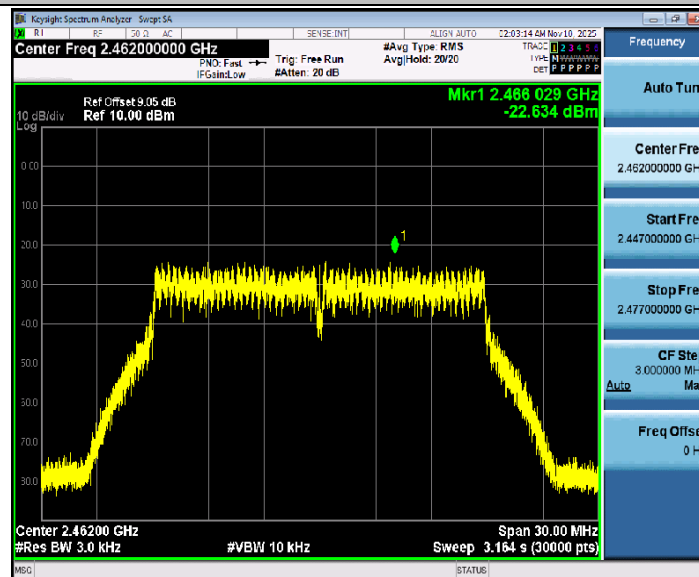
11N20SISO_Ant1_2412



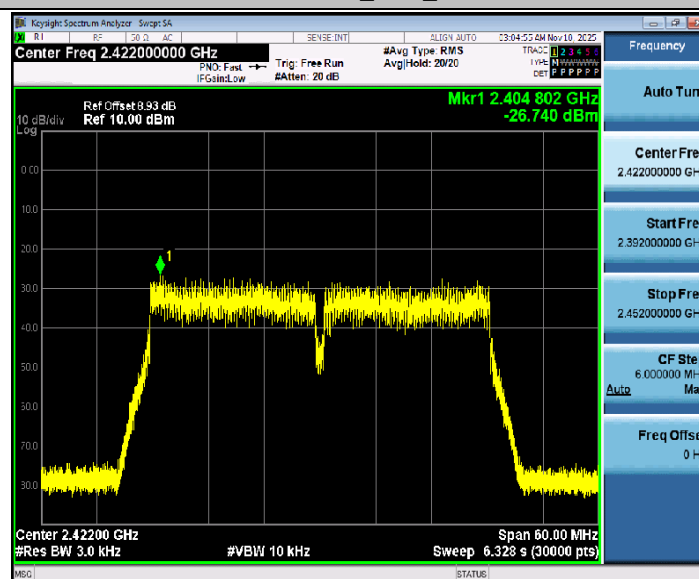
11N20SISO_Ant1_2437



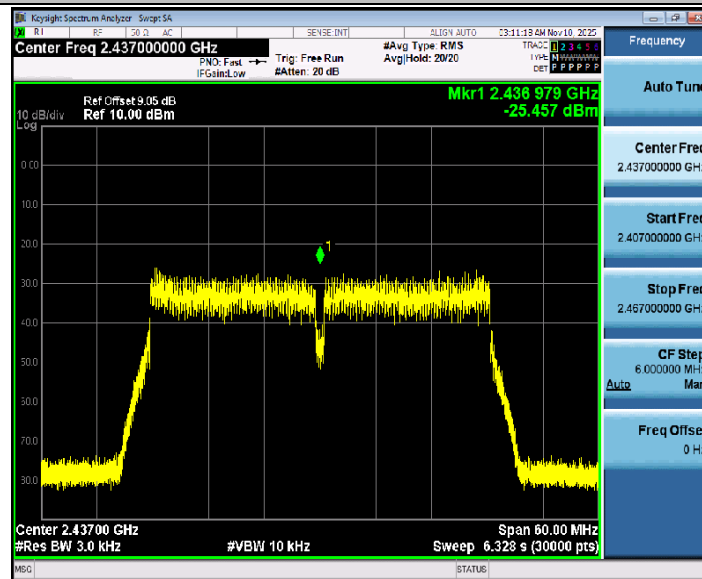
11N20SISO_Ant1_2462



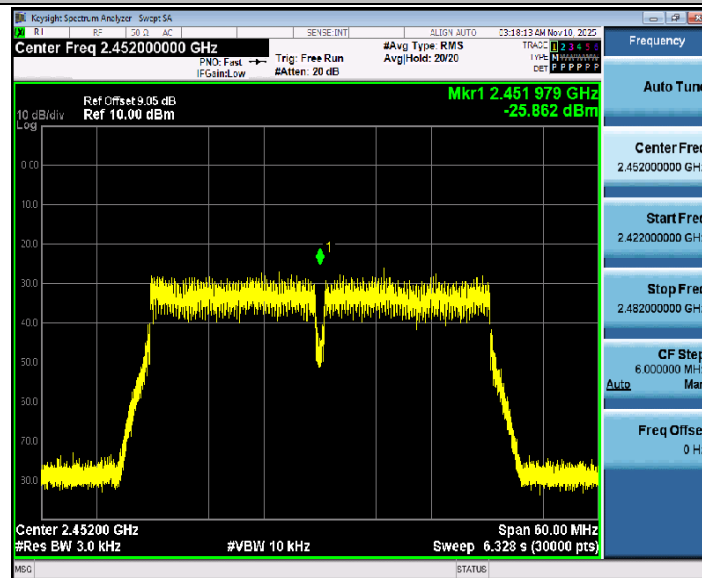
11N40SISO_Ant1_2422



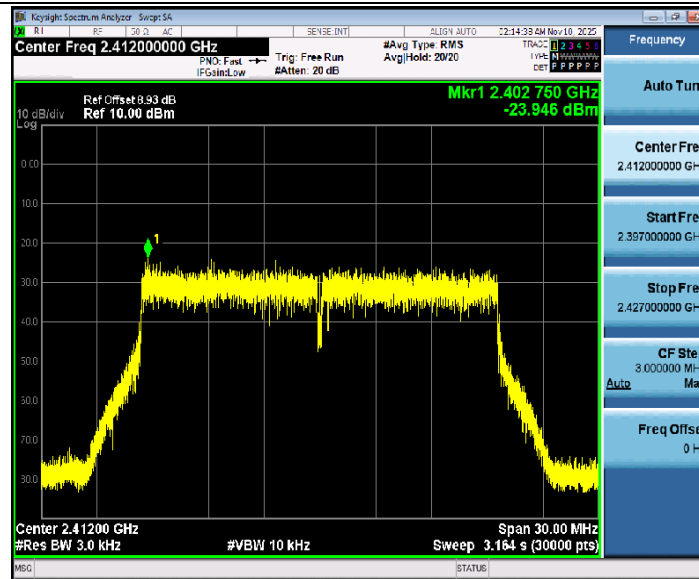
11N40SISO_Ant1_2437



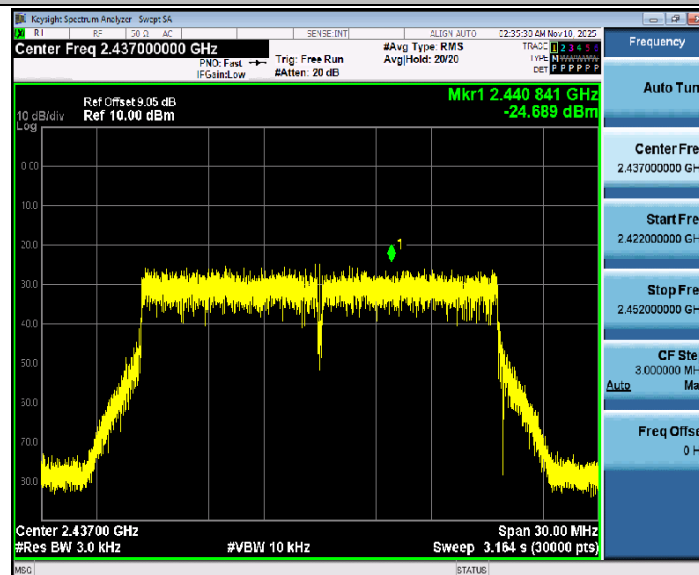
11N40SISO_Ant1_2452



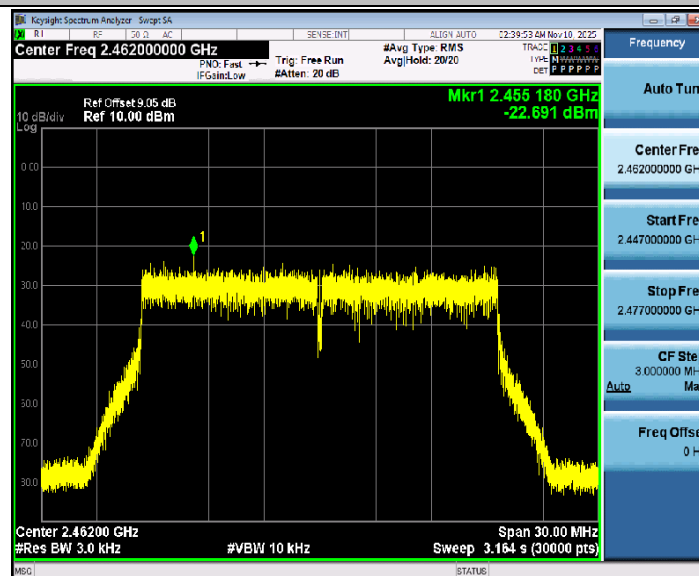
11AX20SISO_Ant1_2412



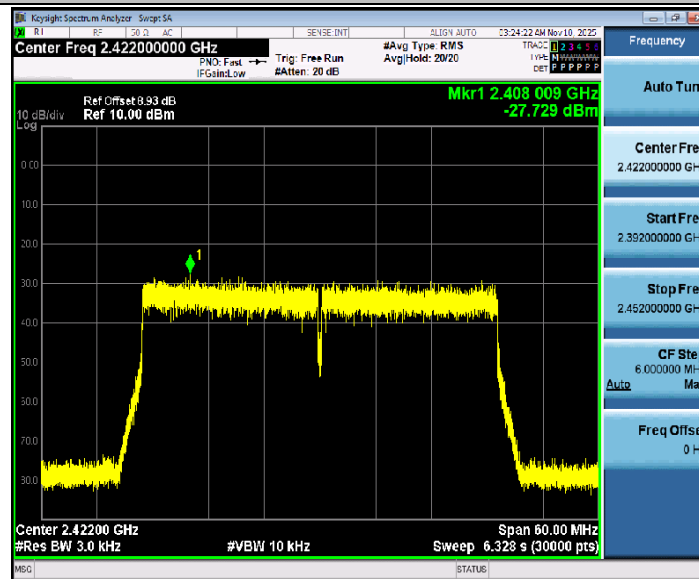
11AX20SISO_Ant1_2437



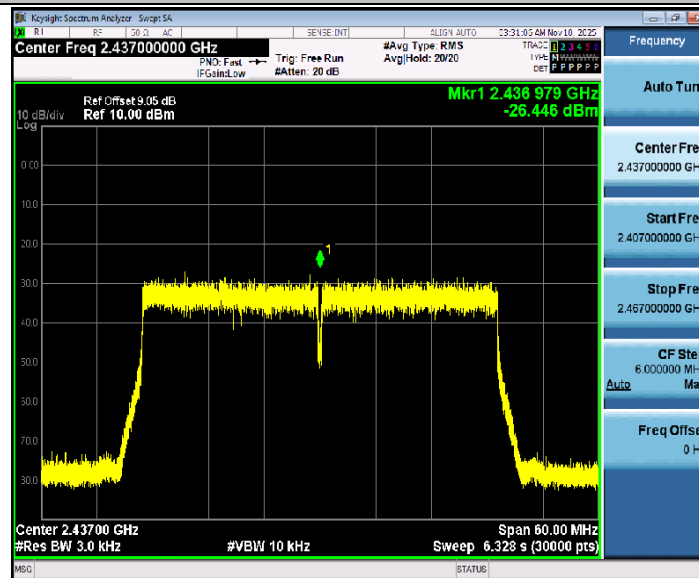
11AX20SISO_Ant1_2462



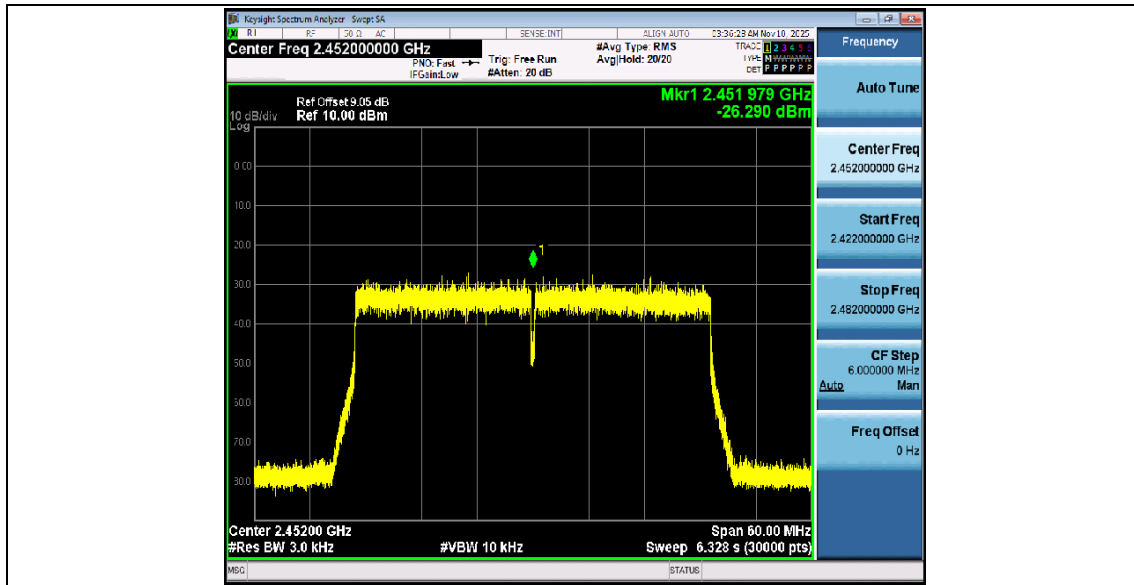
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



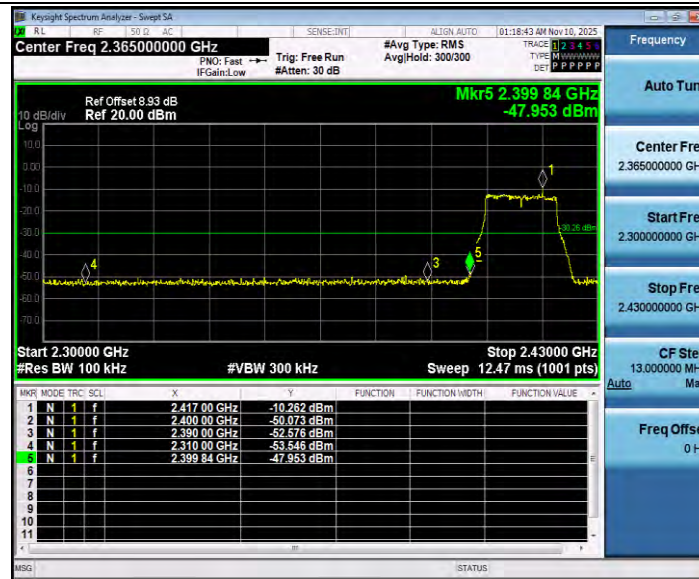
Appendix C.5:Band edge measurements

Test Result

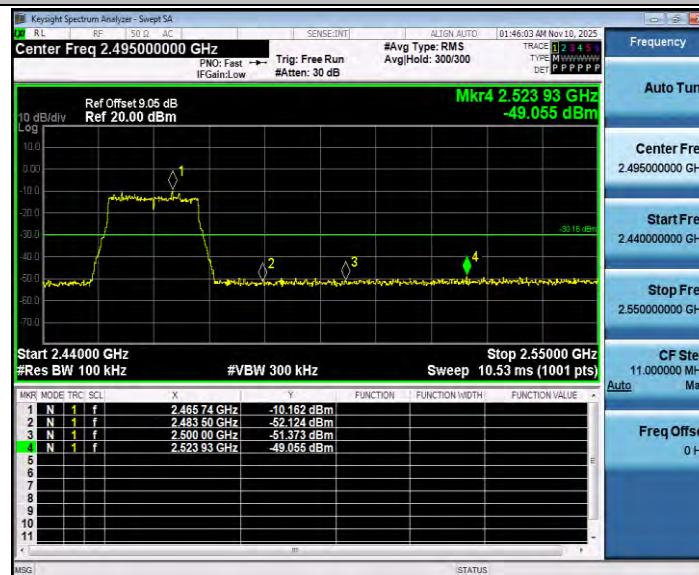
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-4.25	-49.94	≤ -24.25	PASS
		High	2462	-3.27	-49.26	≤ -23.27	PASS
11G	Ant1	Low	2412	-10.26	-47.95	≤ -30.26	PASS
		High	2462	-10.16	-49.06	≤ -30.16	PASS
11N20SISO	Ant1	Low	2412	-10.14	-49.21	≤ -30.14	PASS
		High	2462	-9.64	-49.23	≤ -29.64	PASS
11N40SISO	Ant1	Low	2422	-13.54	-50.36	≤ -33.54	PASS
		High	2452	-13.09	-48.71	≤ -33.09	PASS
11AX20SISO	Ant1	Low	2412	-11.59	-47.11	≤ -31.59	PASS
		High	2462	-11.34	-48.56	≤ -31.34	PASS
11AX40SISO	Ant1	Low	2422	-13.63	-49.96	≤ -33.63	PASS
		High	2452	-13.46	-48.94	≤ -33.46	PASS

Test Graphs

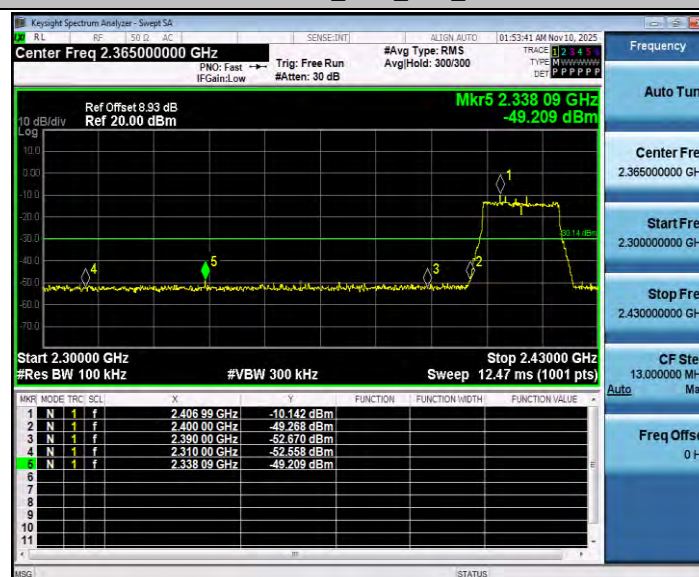


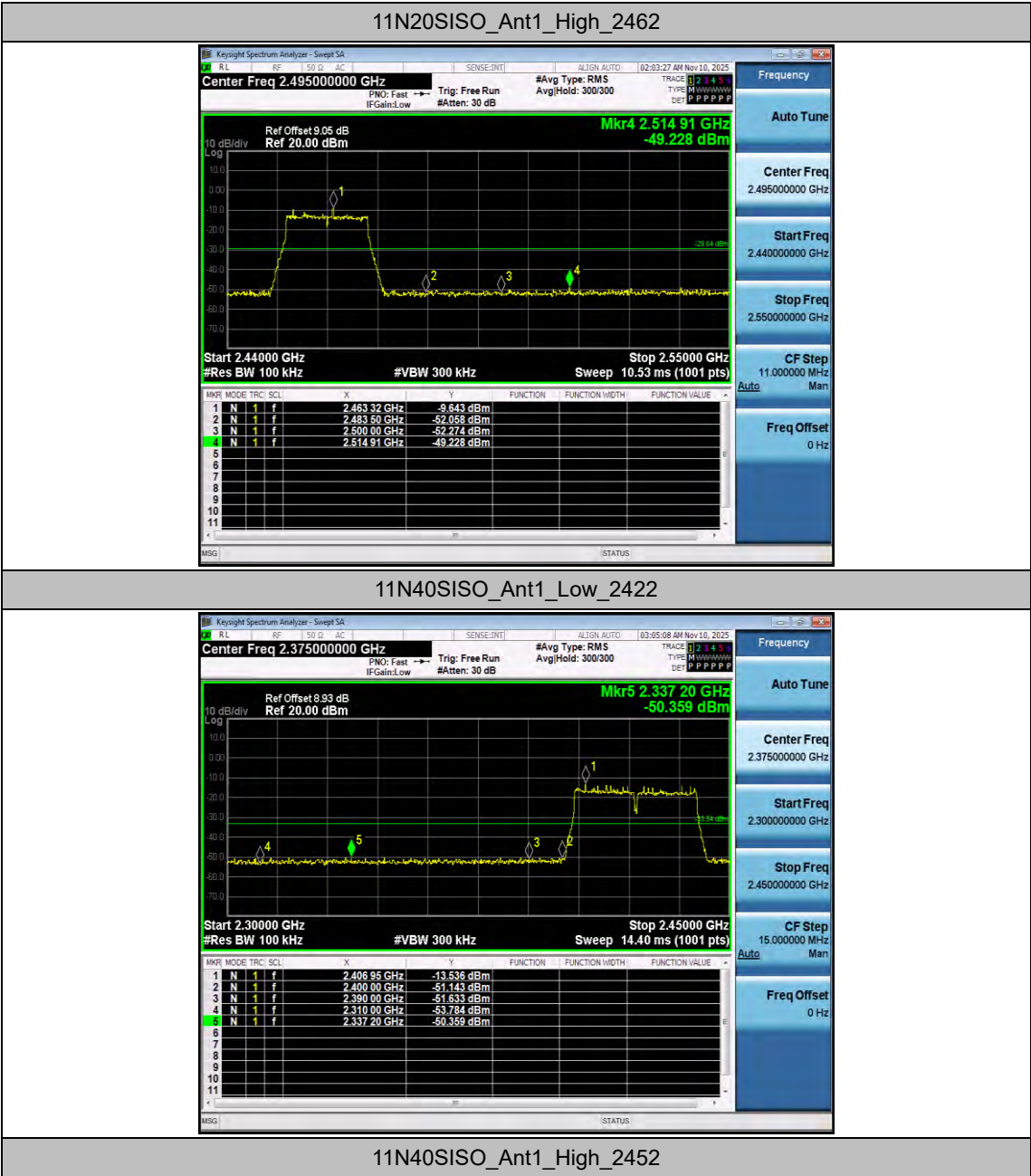


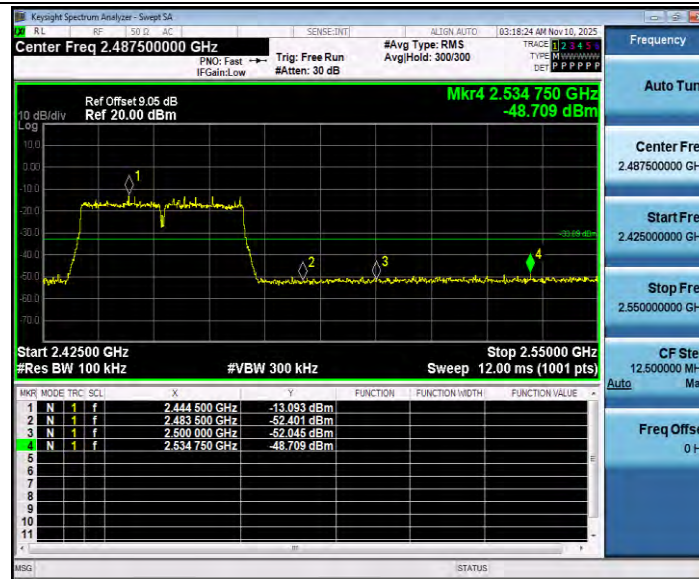
11G_Ant1_High_2462



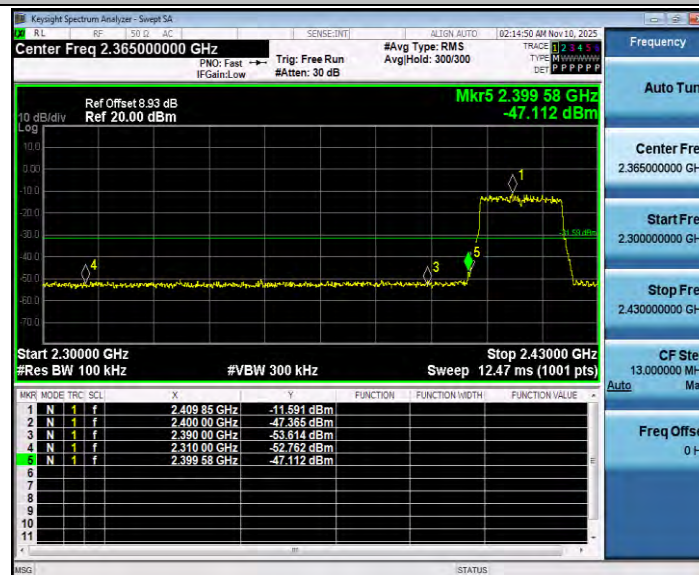
11N20SISO_Ant1_Low_2412



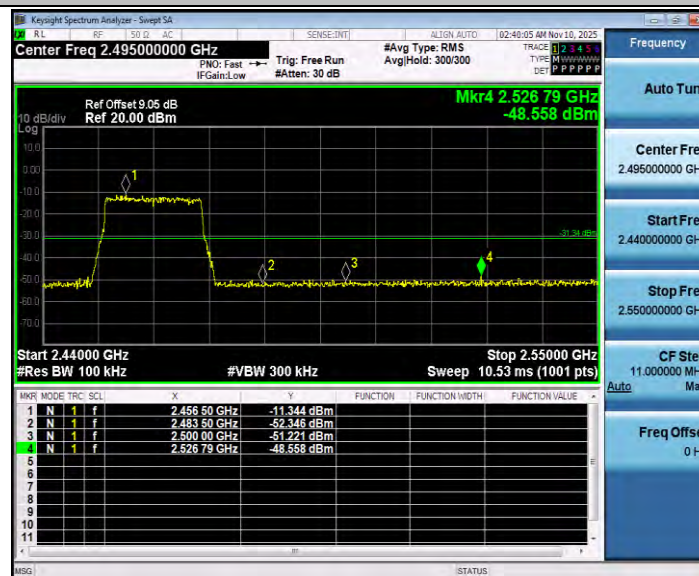




11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

