

Case No. : <u>GTS20220331018-1-26</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH,	
Test Date: <u>2022.7.28</u>	Test Engineer: <u>Jenny zeng</u>

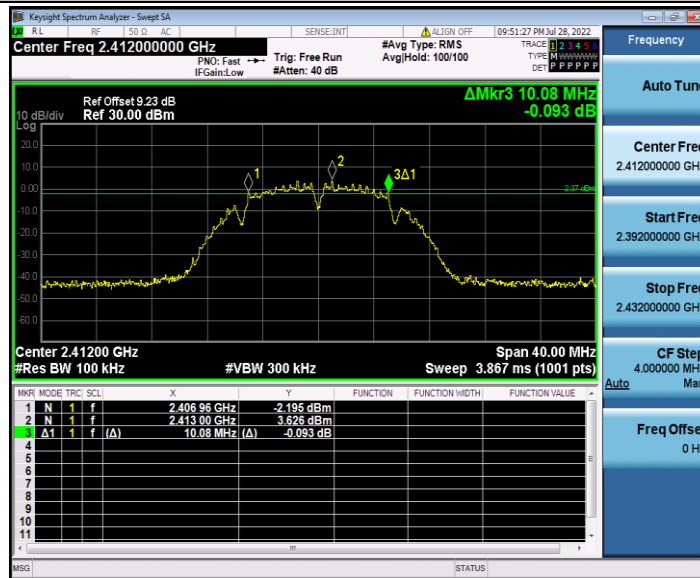
Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	9.600	2432.440	2442.040	0.5	PASS
		2462	9.560	2457.440	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.720	2403.640	2420.360	0.5	PASS
		2437	17.040	2428.440	2445.480	0.5	PASS
		2462	17.000	2453.520	2470.520	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	35.040	2434.480	2469.520	0.5	PASS

Test Graphs

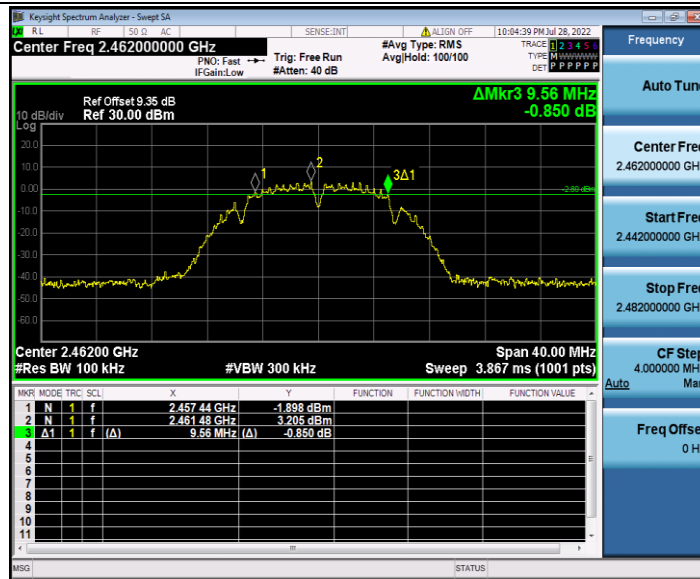
11B_Ant1_2412



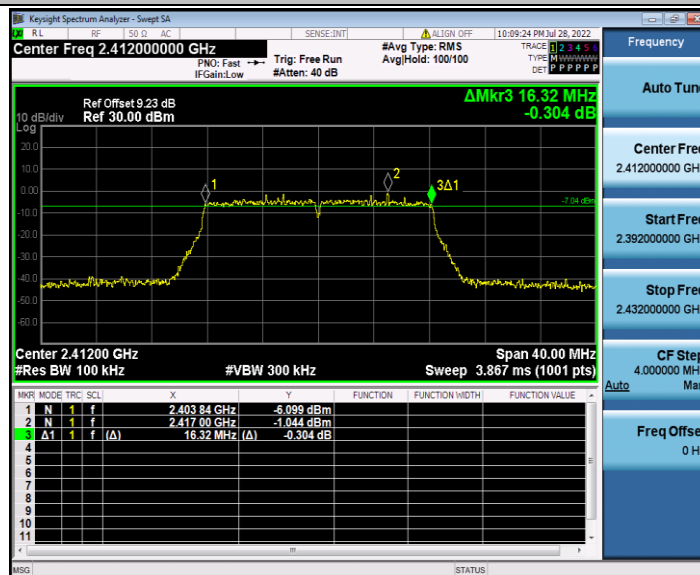
11B_Ant1_2437



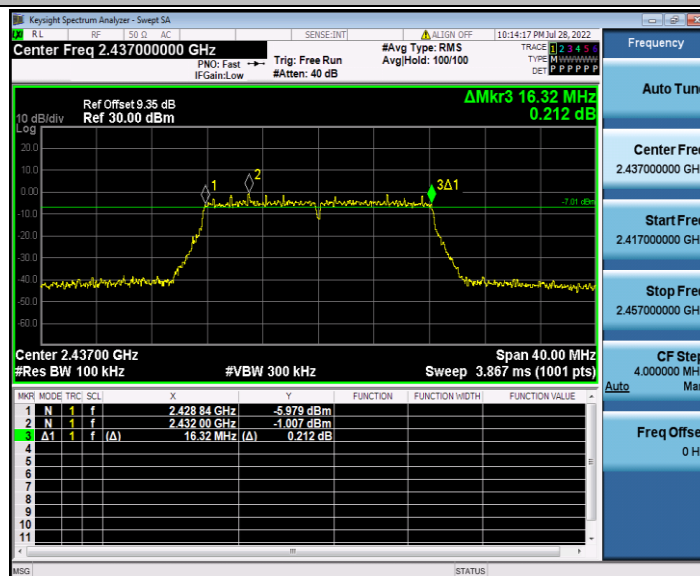
11B_Ant1_2462



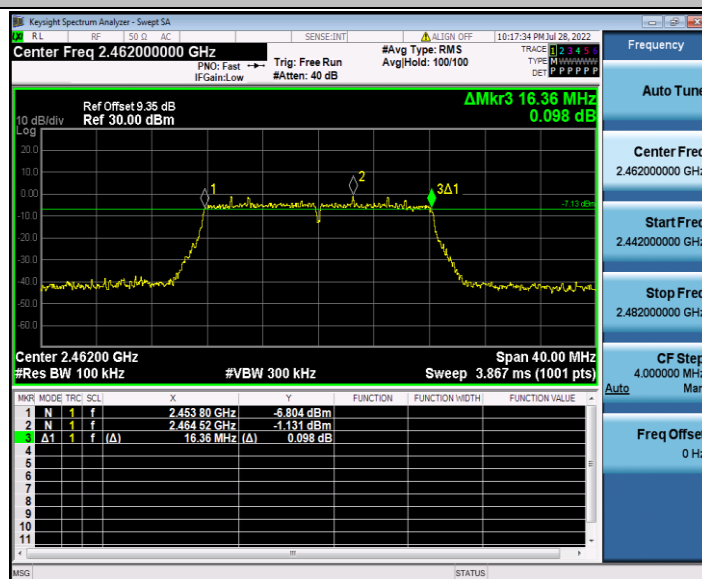
11G_Ant1_2412



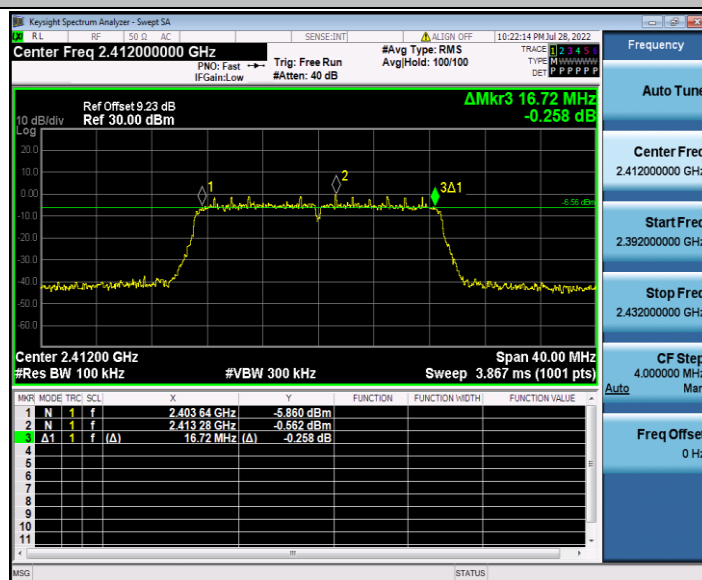
11G_Ant1_2437



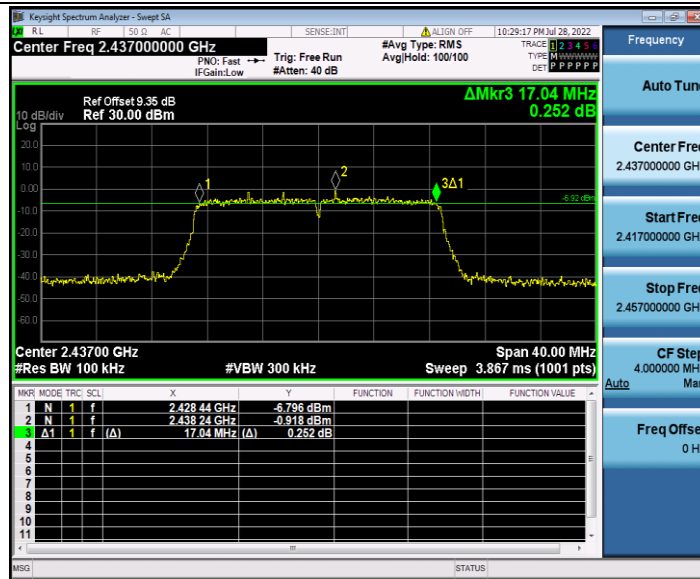
11G_Ant1_2462



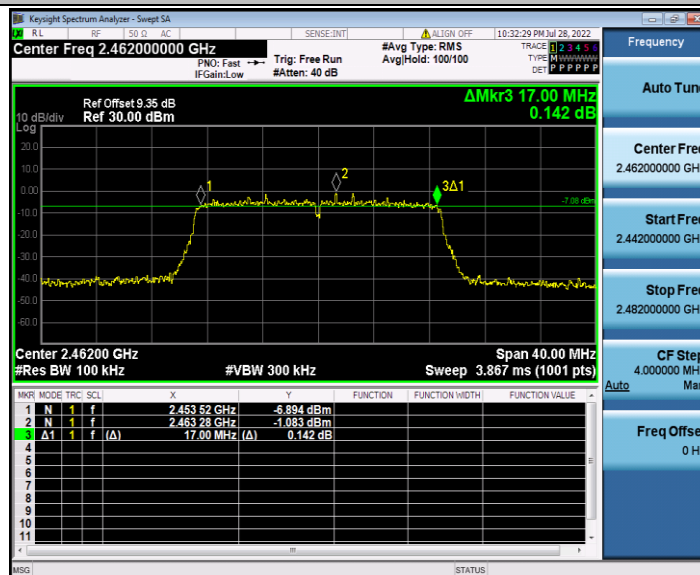
11N20SISO_Ant1_2412



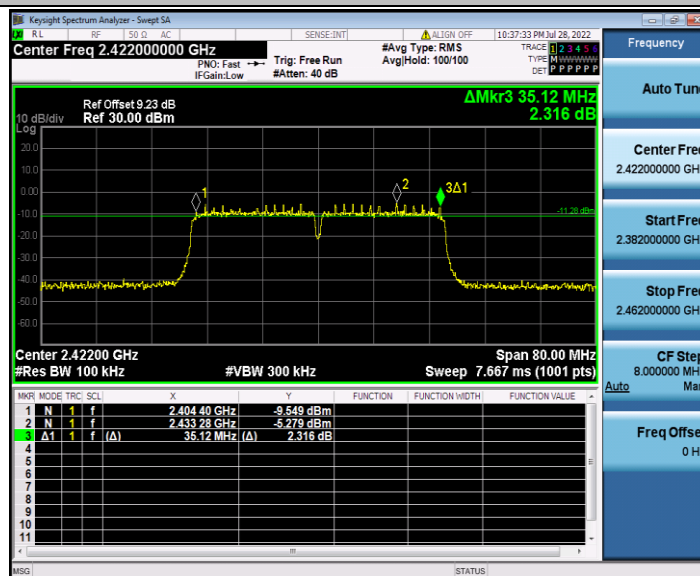
11N20SISO_Ant1_2437



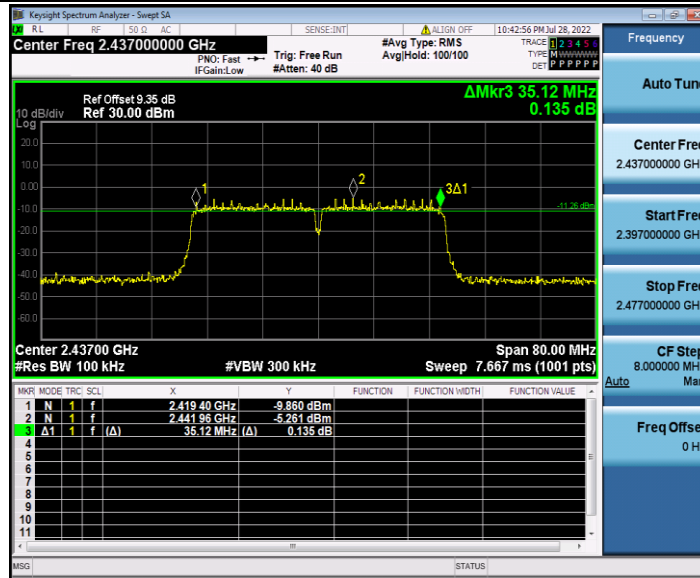
11N20SISO_Ant1_2462



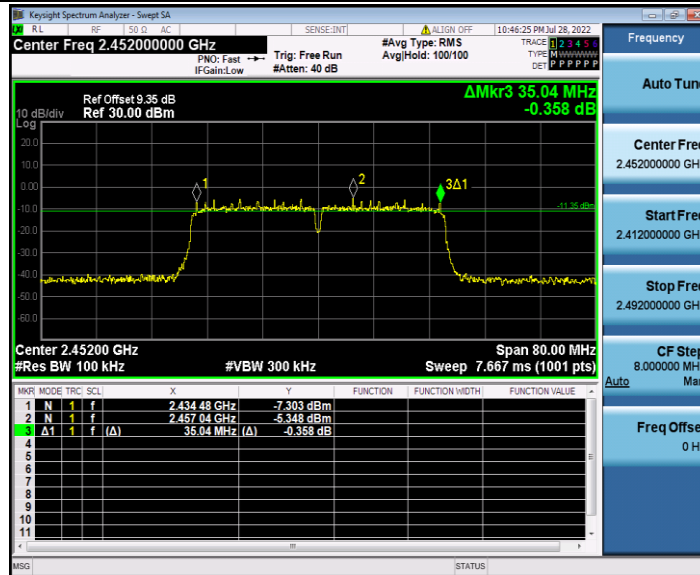
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



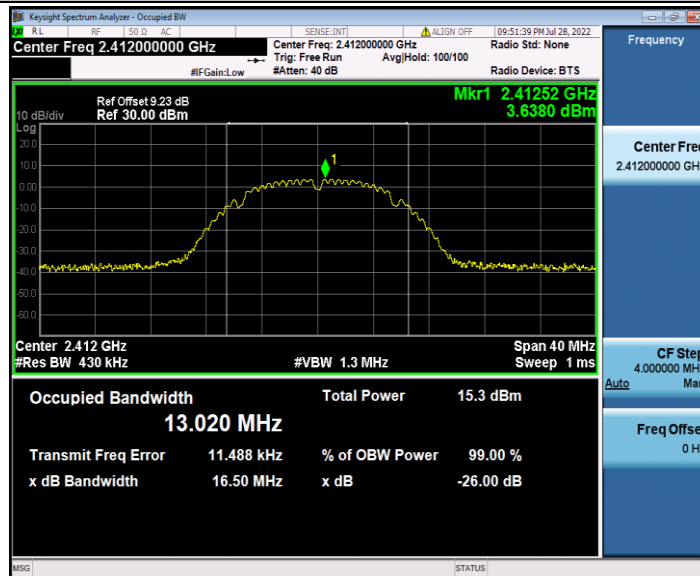
Appendix A.2: Occupied Channel Bandwidth

Test Result

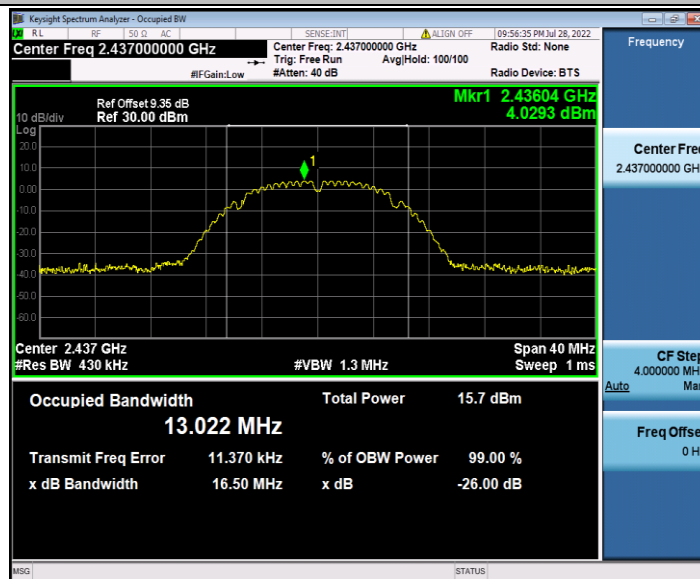
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.020	2405.501	2418.521	---	---
		2437	13.022	2430.500	2443.522	---	---
		2462	13.010	2455.472	2468.482	---	---
11G	Ant1	2412	16.846	2403.598	2420.444	---	---
		2437	16.767	2428.629	2445.396	---	---
		2462	16.699	2453.623	2470.322	---	---
11N20SISO	Ant1	2412	17.633	2403.179	2420.812	---	---
		2437	17.675	2428.180	2445.855	---	---
		2462	17.651	2453.150	2470.801	---	---
11N40SISO	Ant1	2422	35.951	2404.033	2439.984	---	---
		2437	35.980	2419.002	2454.982	---	---
		2452	35.970	2434.000	2469.970	---	---

Test Graphs

11B_Ant1_2412



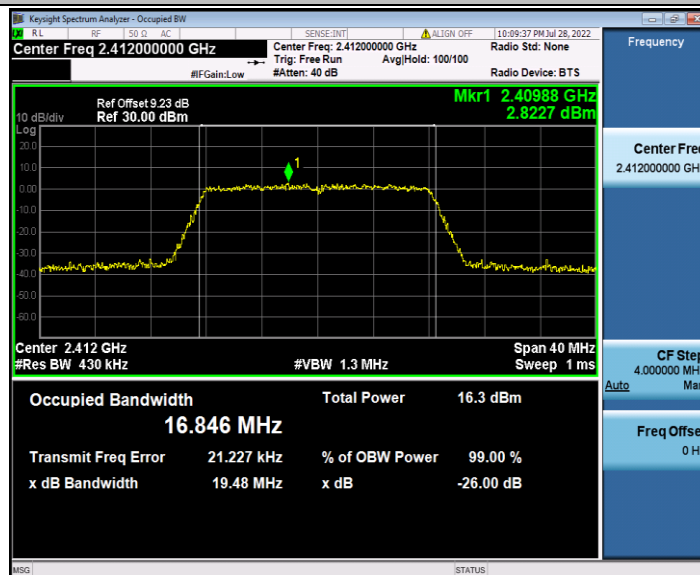
11B_Ant1_2437



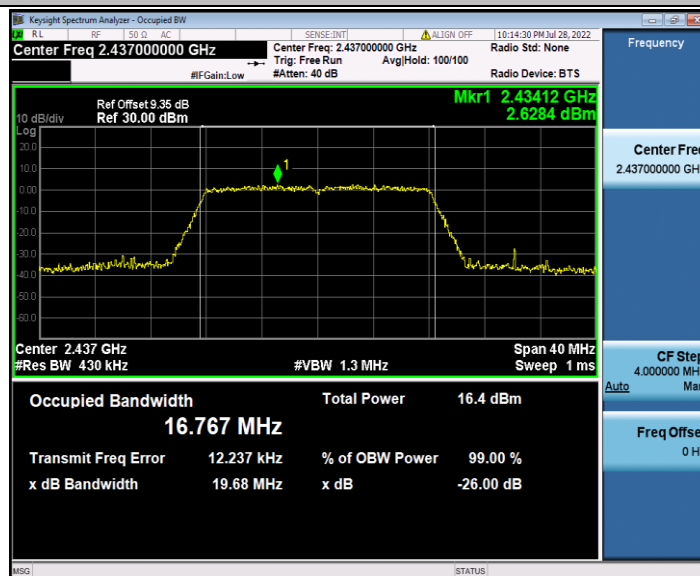
11B_Ant1_2462



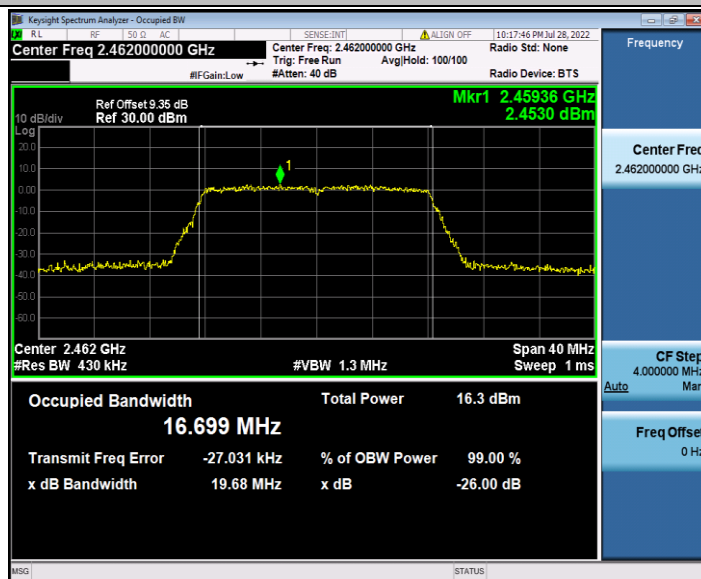
11G_Ant1_2412



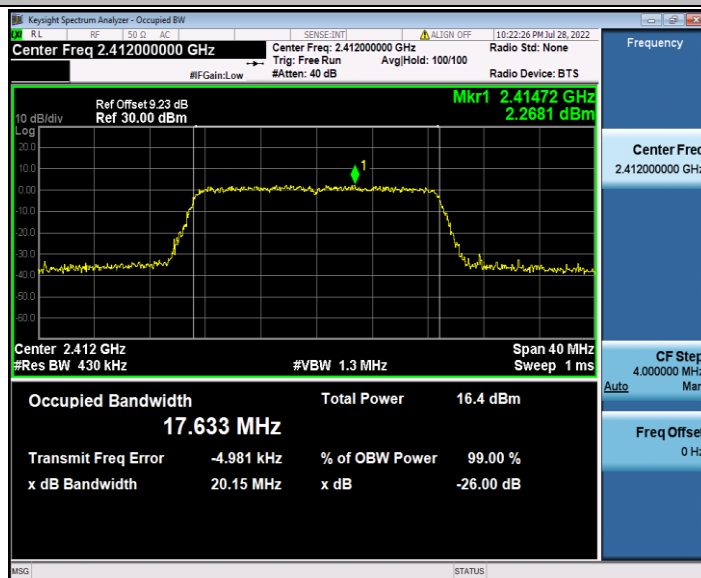
11G_Ant1_2437



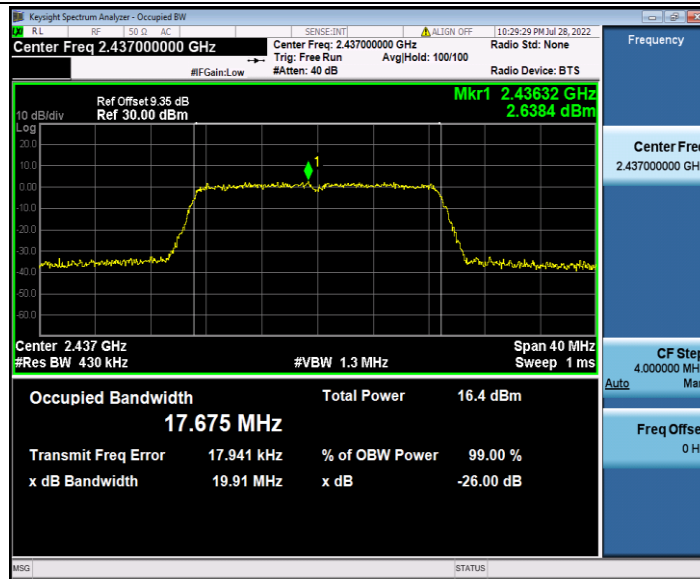
11G_Ant1_2462



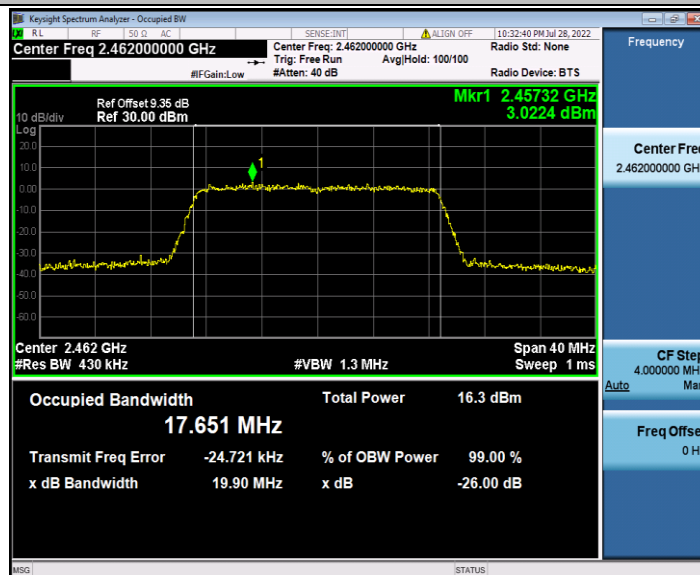
11N20SISO_Ant1_2412



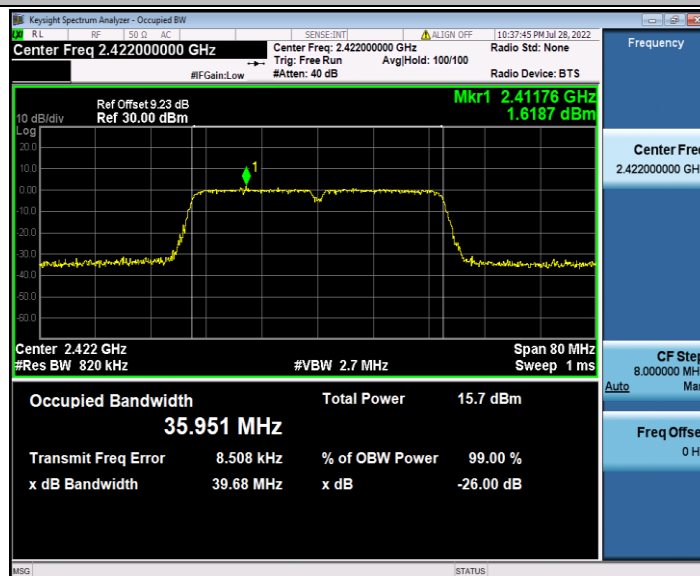
11N20SISO_Ant1_2437



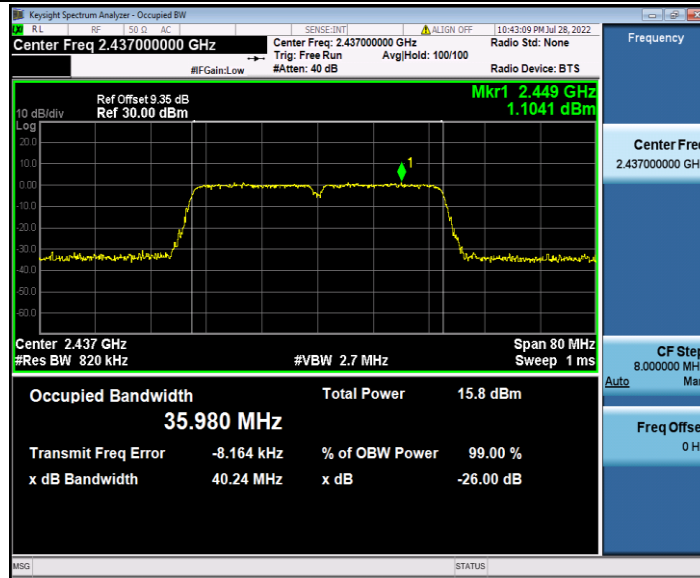
11N20SISO_Ant1_2462



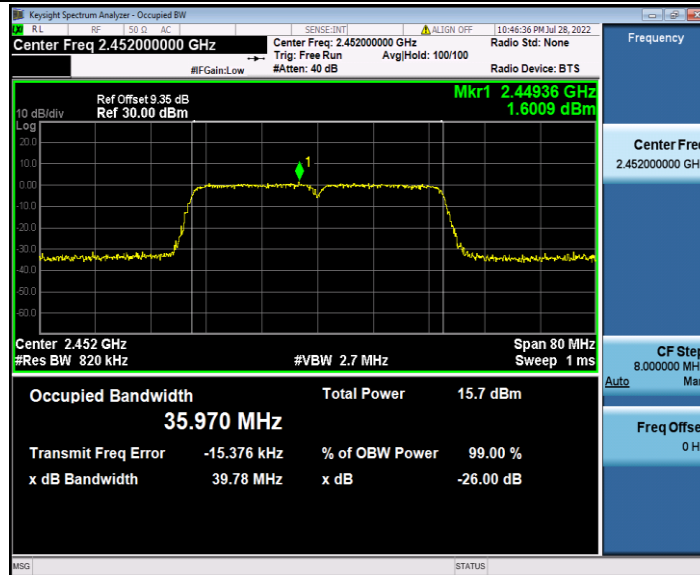
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



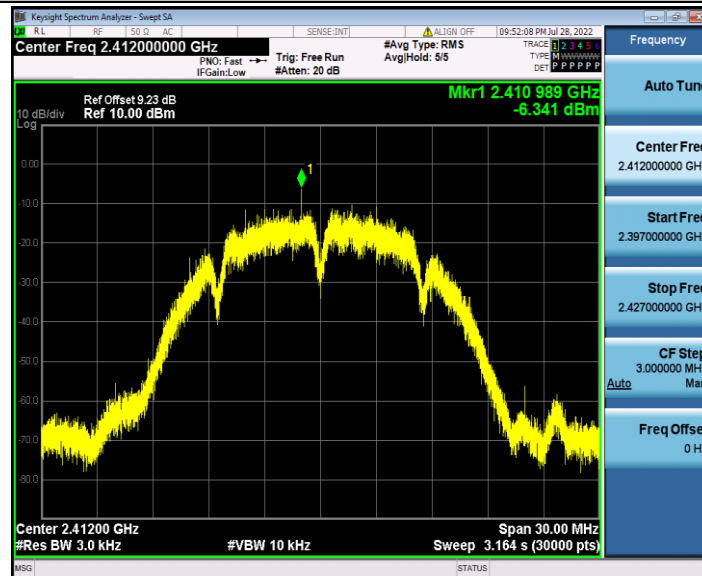
Appendix A.3: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.34	≤8.00	PASS
		2437	-8.19	≤8.00	PASS
		2462	-10.37	≤8.00	PASS
11G	Ant1	2412	-15.20	≤8.00	PASS
		2437	-14.83	≤8.00	PASS
		2462	-13.00	≤8.00	PASS
11N20SISO	Ant1	2412	-14.58	≤8.00	PASS
		2437	-15.31	≤8.00	PASS
		2462	-15.45	≤8.00	PASS
11N40SISO	Ant1	2422	-18.99	≤8.00	PASS
		2437	-19.68	≤8.00	PASS
		2452	-19.34	≤8.00	PASS

Test Graphs

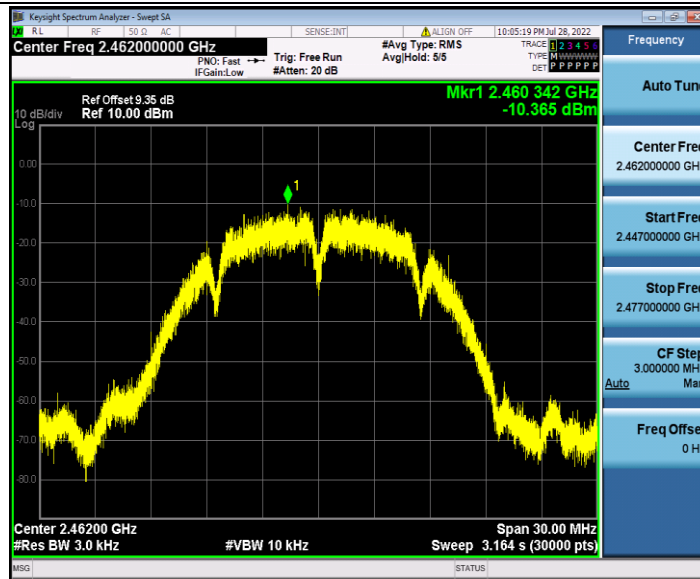
11B_Ant1_2412



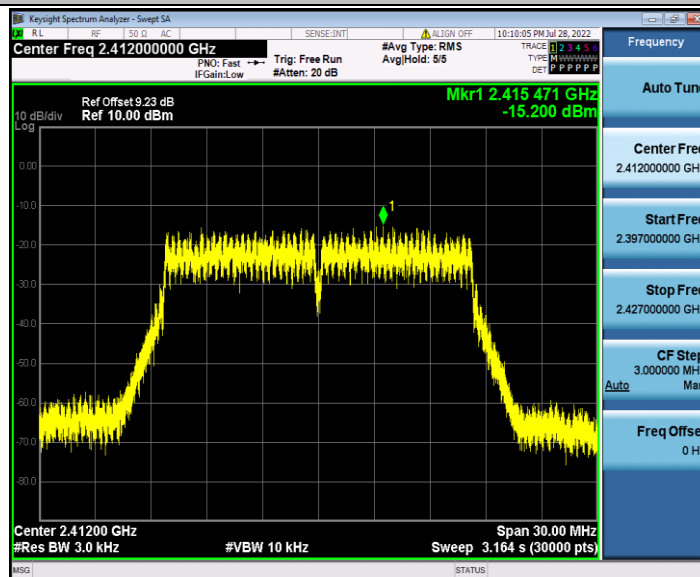
11B_Ant1_2437



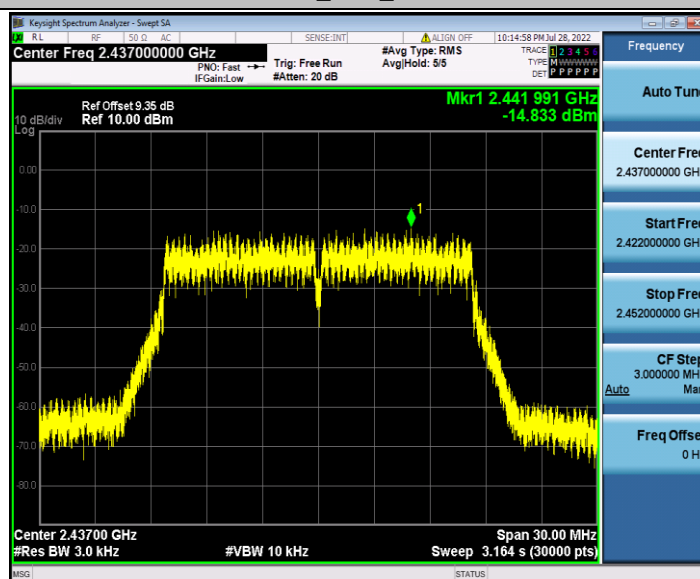
11B_Ant1_2462



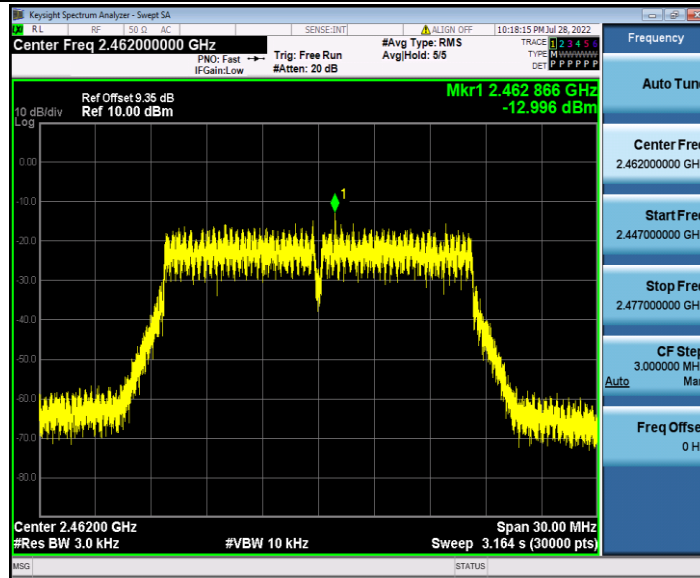
11G_Ant1_2412



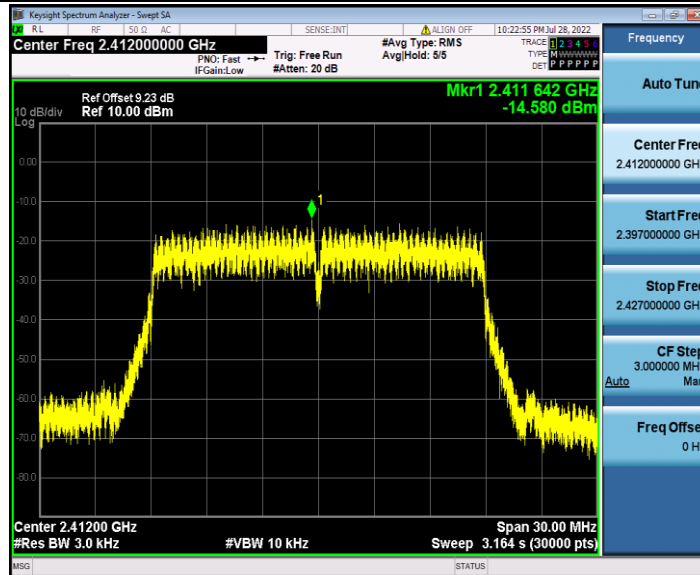
11G_Ant1_2437



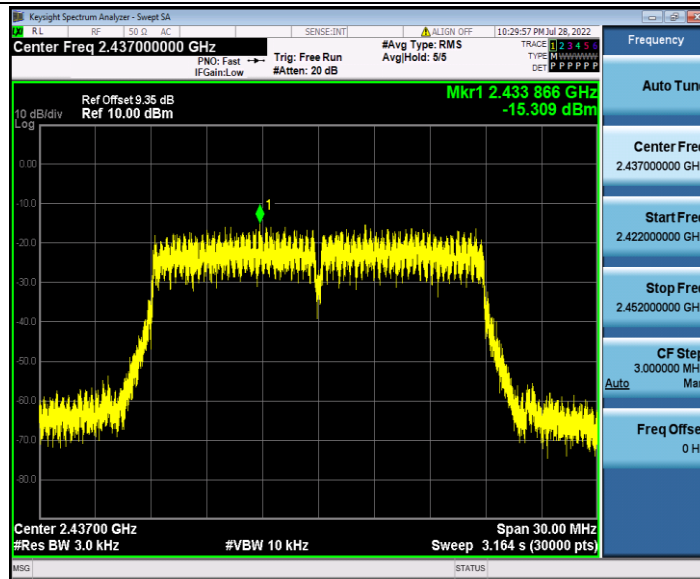
11G_Ant1_2462



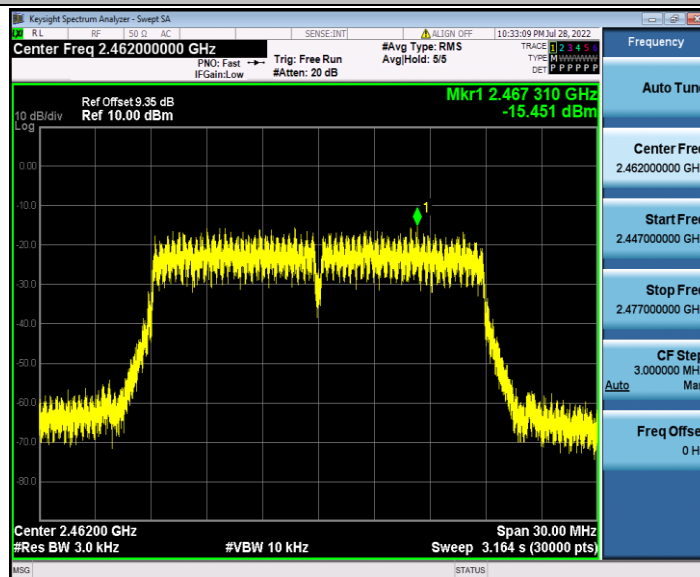
11N20SISO_Ant1_2412



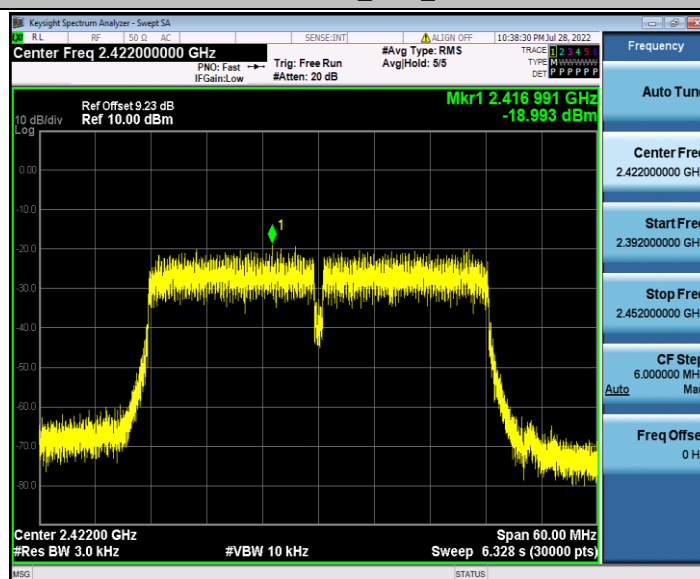
11N20SISO_Ant1_2437



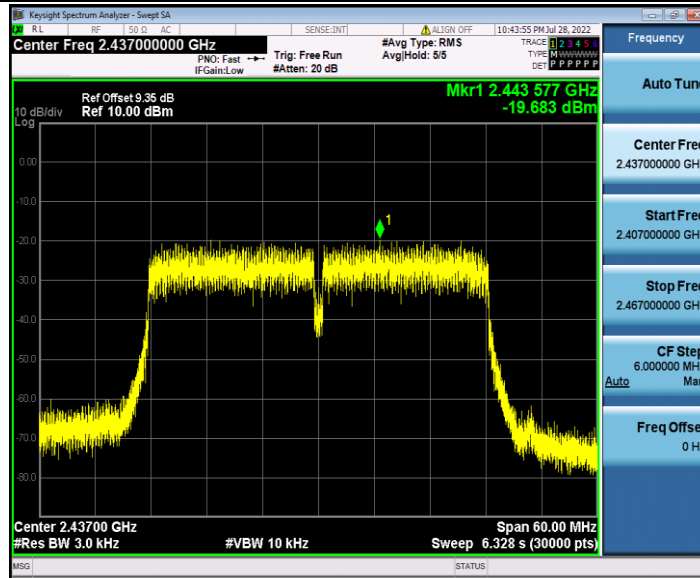
11N20SISO_Ant1_2462



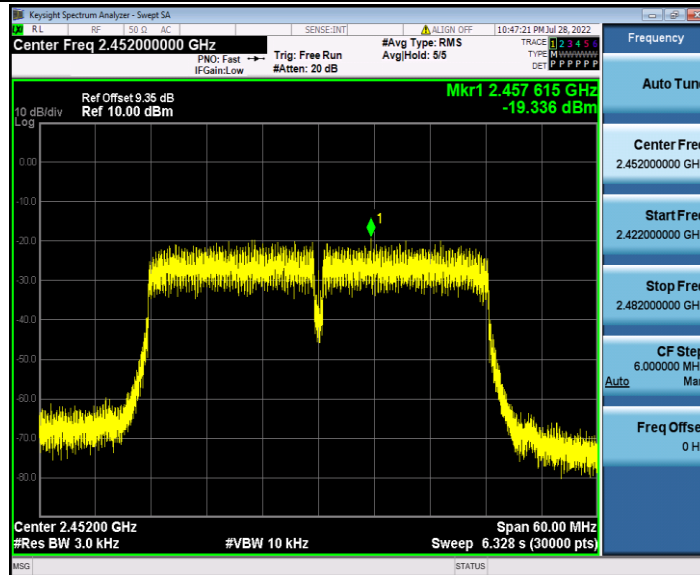
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



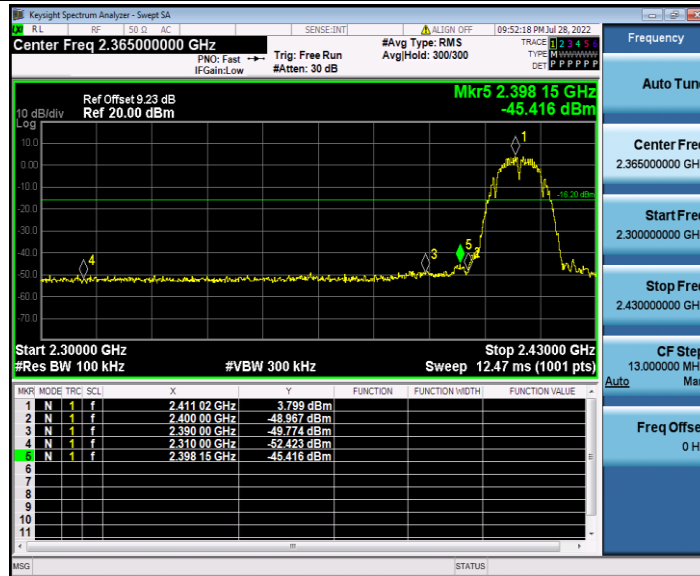
Appendix A.4: Band edge measurements

Test Result

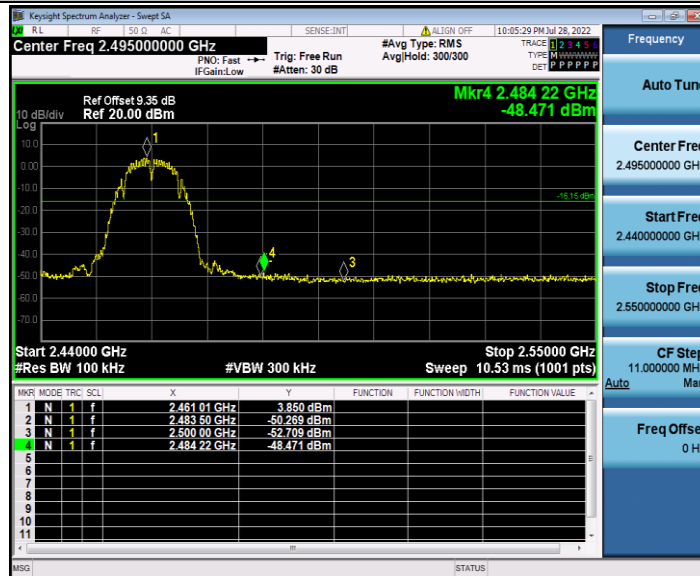
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.80	-45.42	≤-16.20	PASS
		High	2462	3.85	-48.47	≤-16.15	PASS
11G	Ant1	Low	2412	-1.05	-41.47	≤-21.05	PASS
		High	2462	-1.01	-48.72	≤-21.01	PASS
11N20SISO	Ant1	Low	2412	-0.62	-40.54	≤-20.62	PASS
		High	2462	-0.89	-48.51	≤-20.89	PASS
11N40SISO	Ant1	Low	2422	-5.44	-41.85	≤-25.44	PASS
		High	2452	-5.14	-48.02	≤-25.14	PASS

Test Graphs

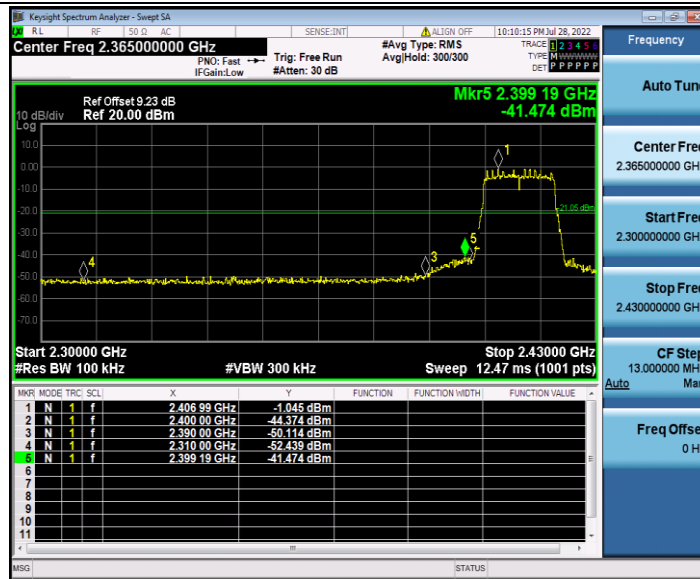
11B_Ant1_Low_2412



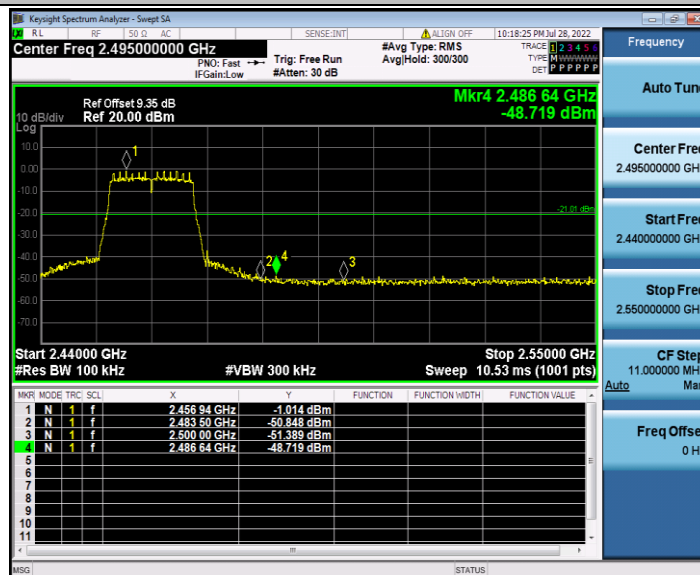
11B_Ant1_High_2462



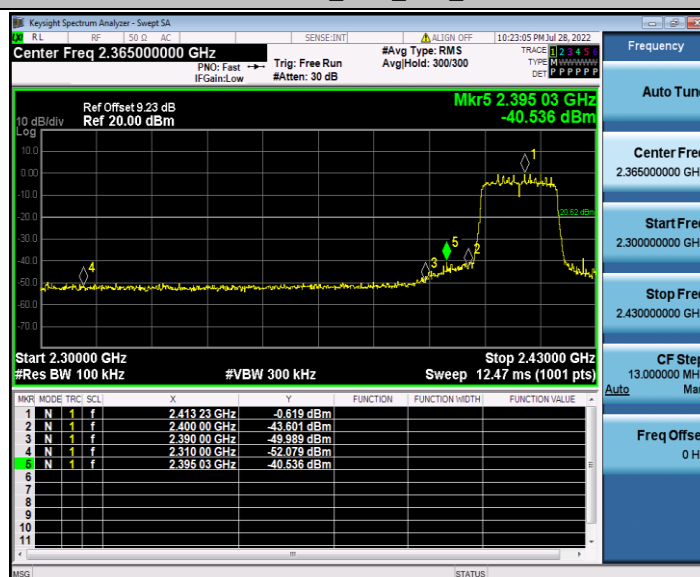
11G_Ant1_Low_2412



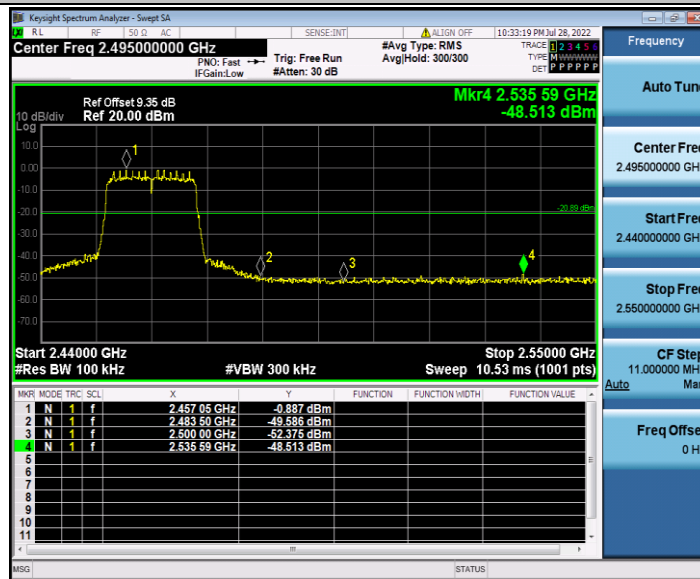
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

