

Case No. : <u>GTS20220929008-1-7</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.10.11</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	9.800	2406.960	2416.760	0.5	PASS
		2437	9.640	2432.400	2442.040	0.5	PASS
		2462	9.760	2457.240	2467.000	0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	0.5	PASS
		2437	16.520	2428.760	2445.280	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	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS

Test Graphs

11B_Ant1_2412



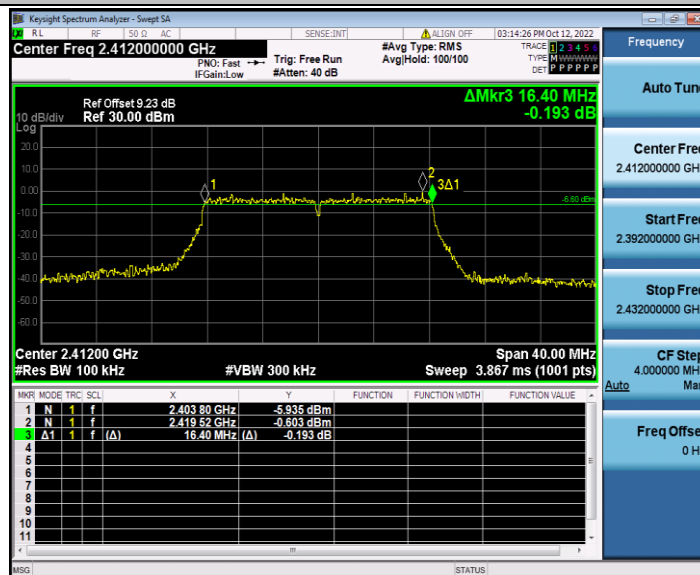
11B_Ant1_2437



11B_Ant1_2462



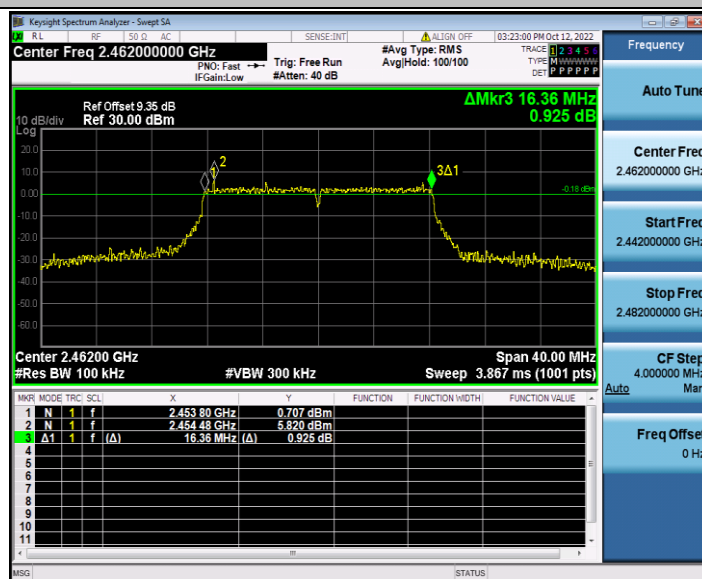
11G_Ant1_2412



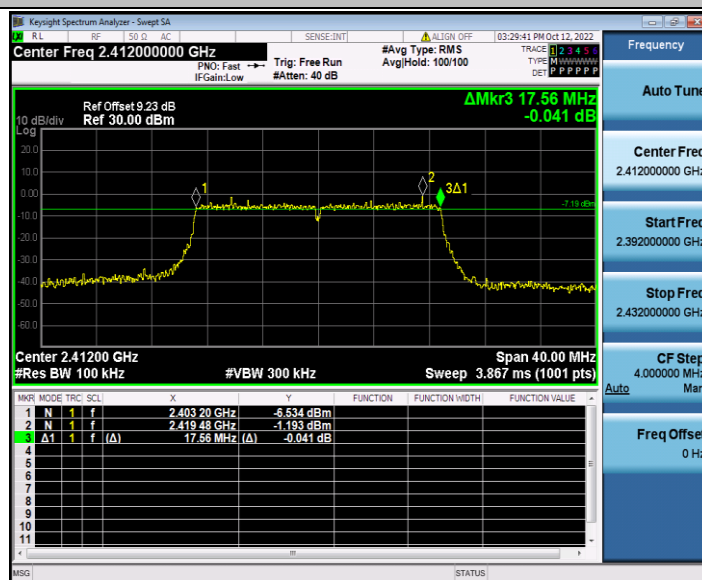
11G_Ant1_2437



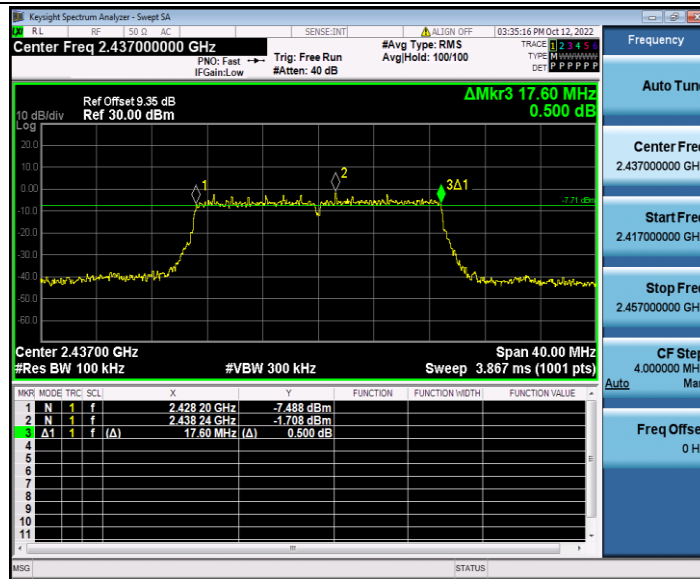
11G_Ant1_2462



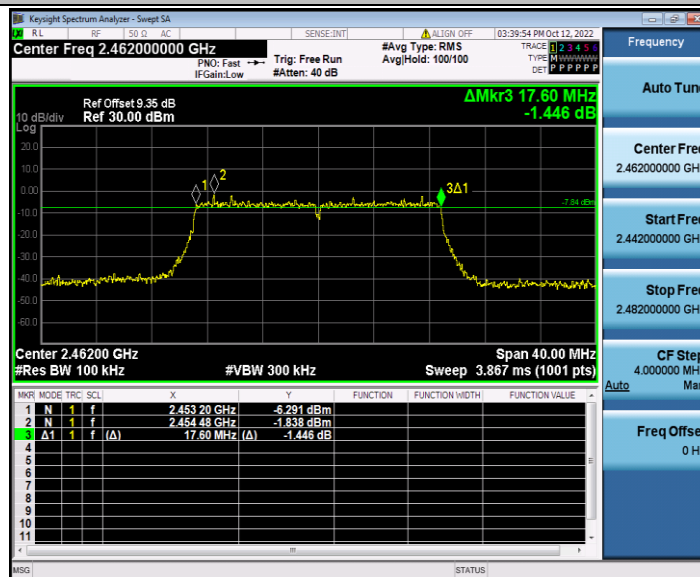
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



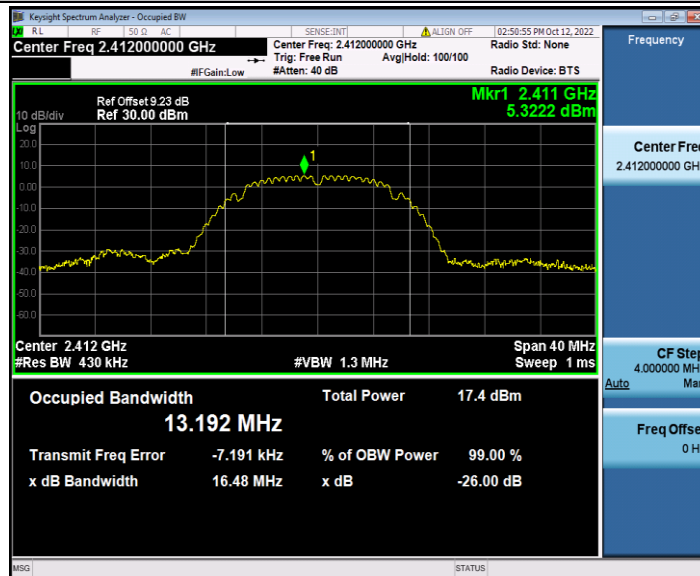
Appendix A.2: Occupied Channel Bandwidth

Test Result

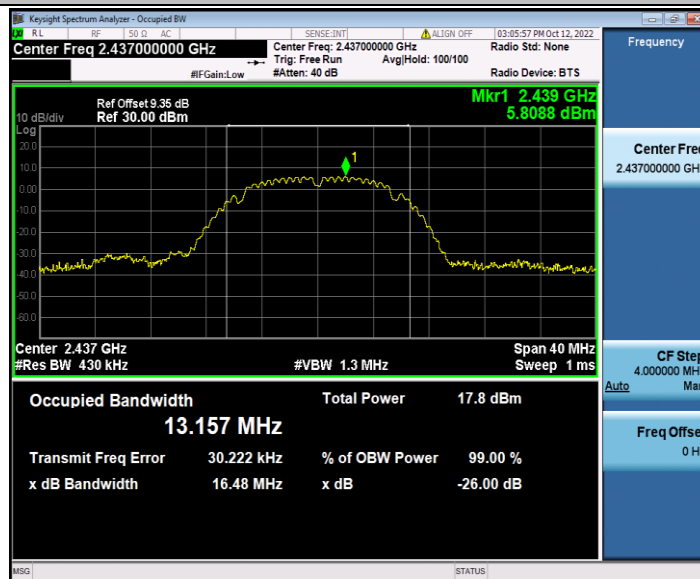
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.192	2405.397	2418.589	---	---
		2437	13.157	2430.452	2443.609	---	---
		2462	13.151	2455.413	2468.564	---	---
11G	Ant1	2412	16.908	2403.545	2420.453	---	---
		2437	16.820	2428.614	2445.434	---	---
		2462	16.874	2453.533	2470.407	---	---
11N20SISO	Ant1	2412	17.824	2403.080	2420.904	---	---
		2437	17.782	2428.126	2445.908	---	---
		2462	17.827	2453.070	2470.897	---	---

Test Graphs

11B_Ant1_2412



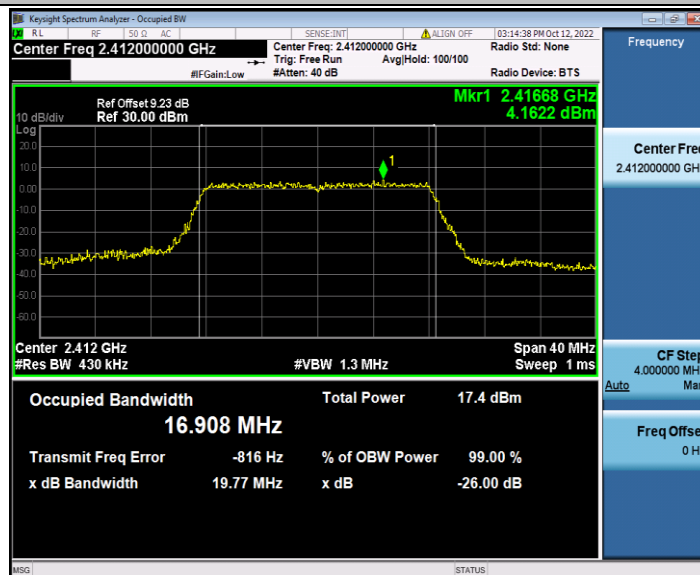
11B_Ant1_2437



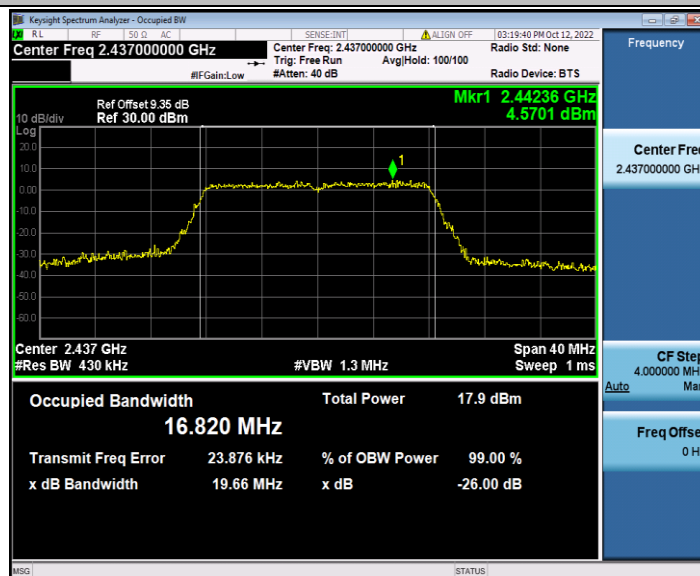
11B_Ant1_2462



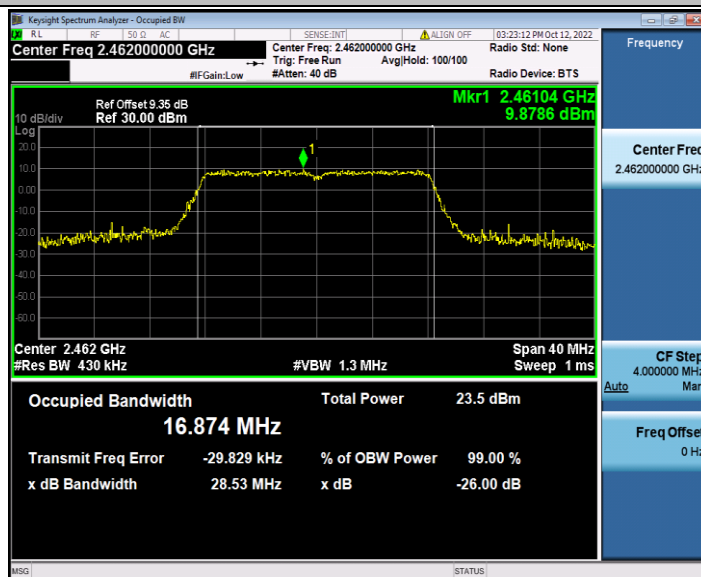
11G_Ant1_2412



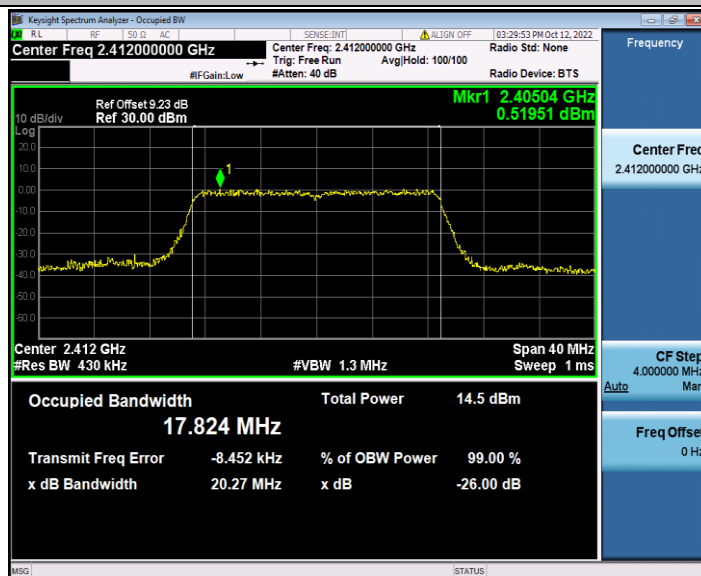
11G_Ant1_2437



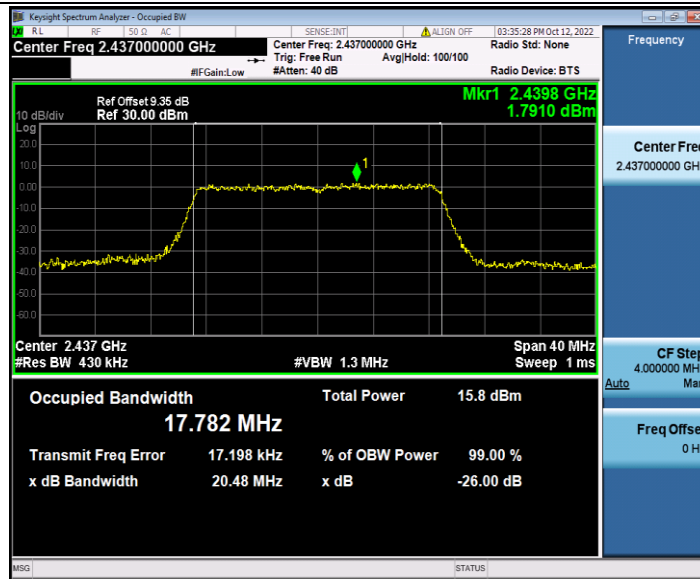
11G_Ant1_2462



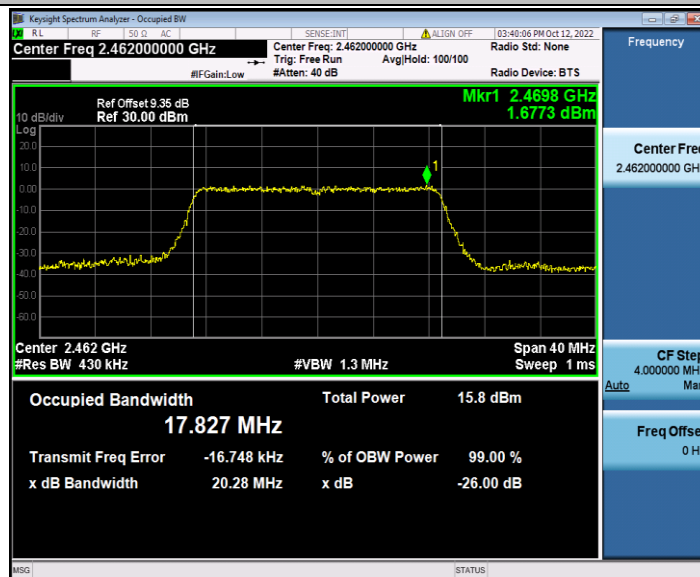
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix A.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	20.35	≤30.00	PASS
		2437	20.94	≤30.00	PASS
		2462	20.21	≤30.00	PASS
11G	Ant1	2412	21.61	≤30.00	PASS
		2437	21.10	≤30.00	PASS
		2462	21.79	≤30.00	PASS
11N20SISO	Ant1	2412	21.71	≤30.00	PASS
		2437	21.91	≤30.00	PASS
		2462	21.14	≤30.00	PASS

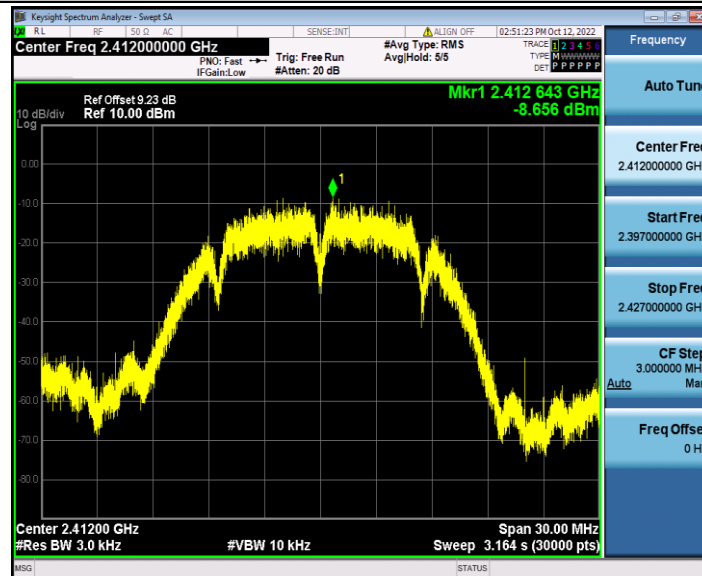
Appendix A.4: Maximum power spectral density

Test Result

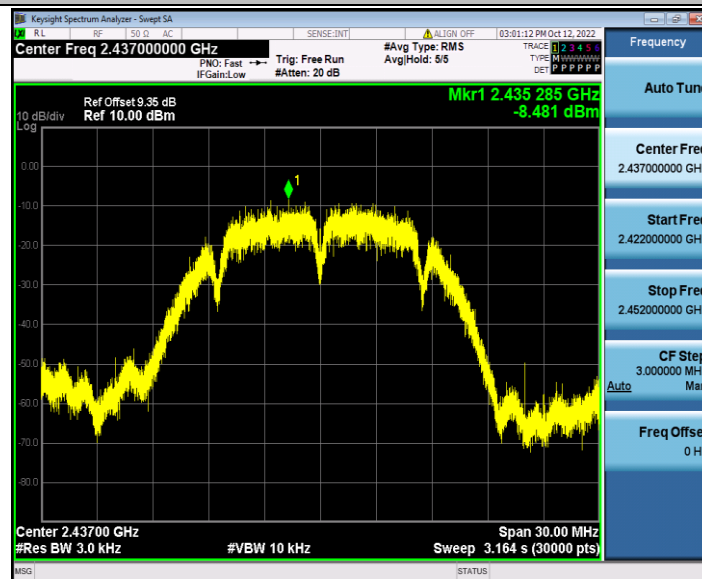
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.66	≤8.00	PASS
		2437	-8.48	≤8.00	PASS
		2462	-8.02	≤8.00	PASS
11G	Ant1	2412	-14.21	≤8.00	PASS
		2437	-13.89	≤8.00	PASS
		2462	-8.15	≤8.00	PASS
11N20SISO	Ant1	2412	-16.67	≤8.00	PASS
		2437	-15.57	≤8.00	PASS
		2462	-15.6	≤8.00	PASS

Test Graphs

11B_Ant1_2412



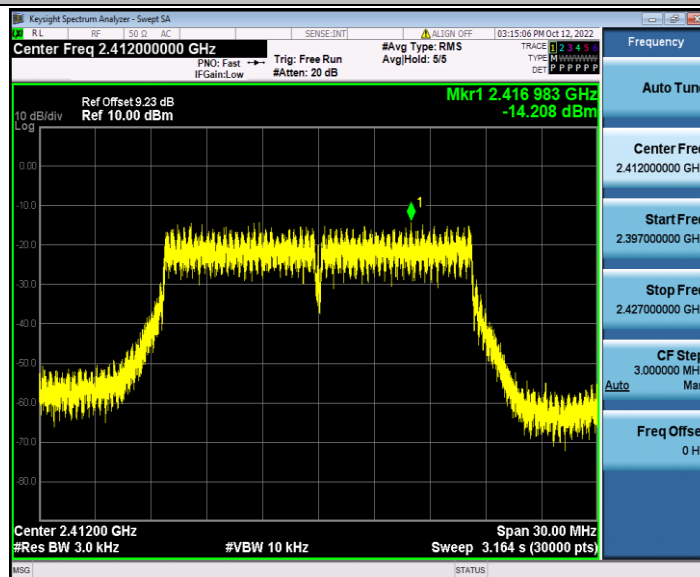
11B_Ant1_2437



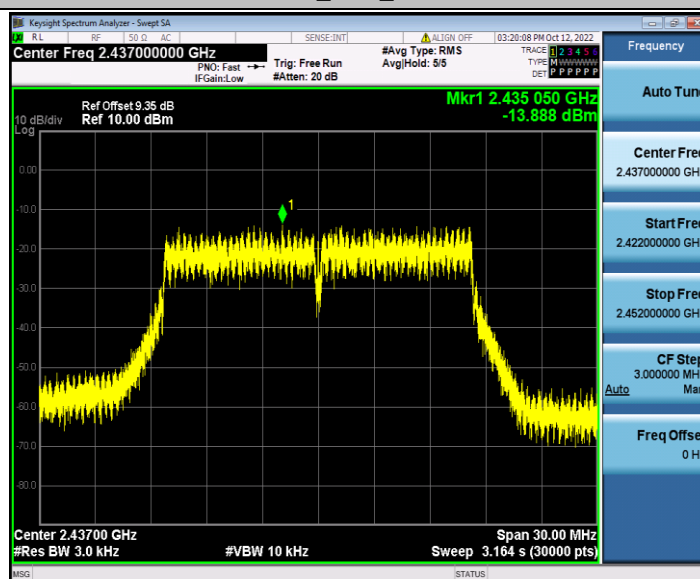
11B_Ant1_2462



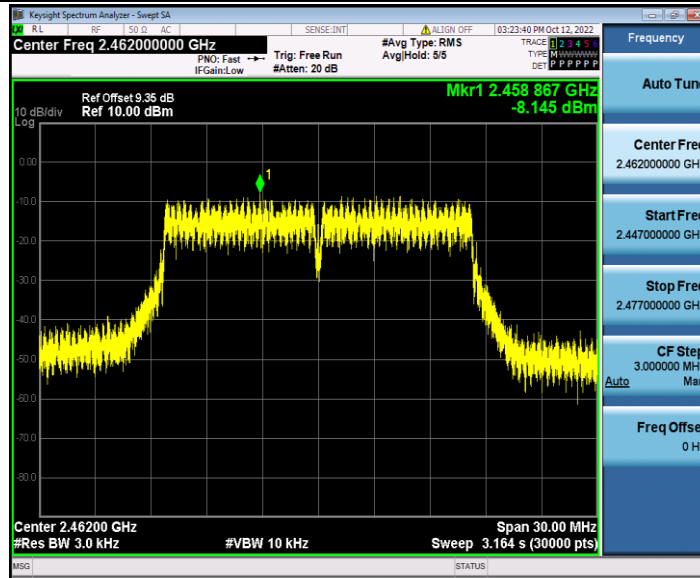
11G_Ant1_2412



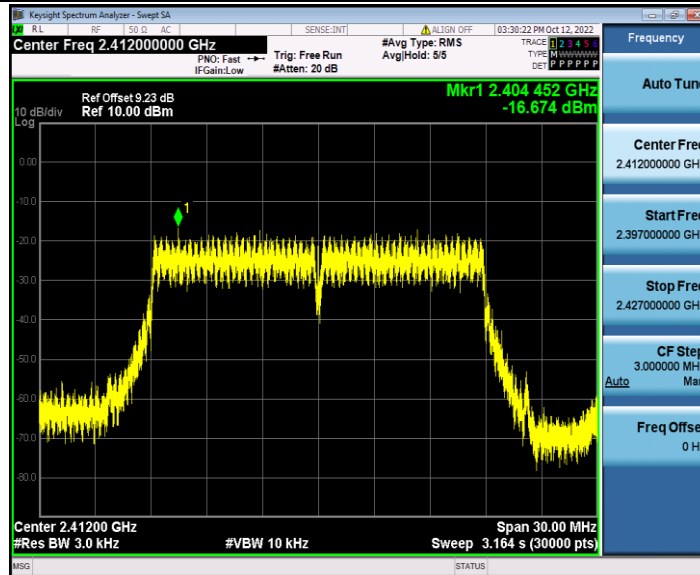
11G_Ant1_2437



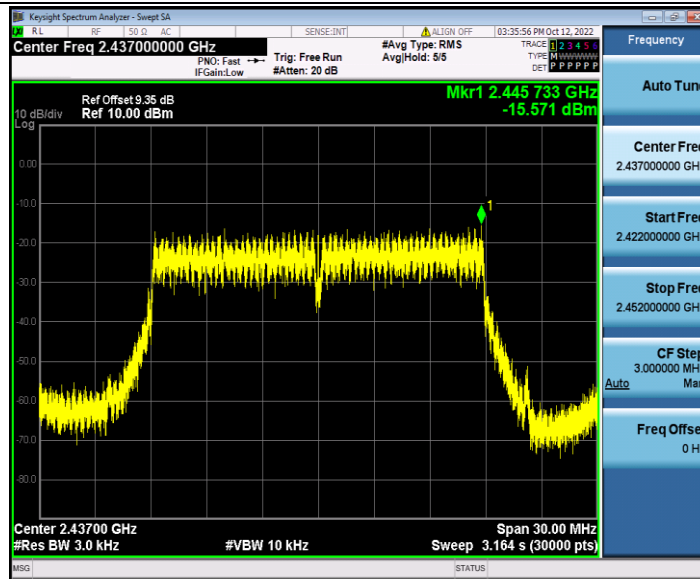
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

