

Case No. : <u>GTS20221109002-1-21</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.12.16</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	9.560	2407.440	2417.000	0.5	PASS
		2437	9.600	2432.440	2442.040	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	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.080	2403.400	2420.480	0.5	PASS
		2437	16.920	2428.600	2445.520	0.5	PASS
		2462	16.680	2453.600	2470.280	0.5	PASS

Test Graphs

11B_Ant1_2412



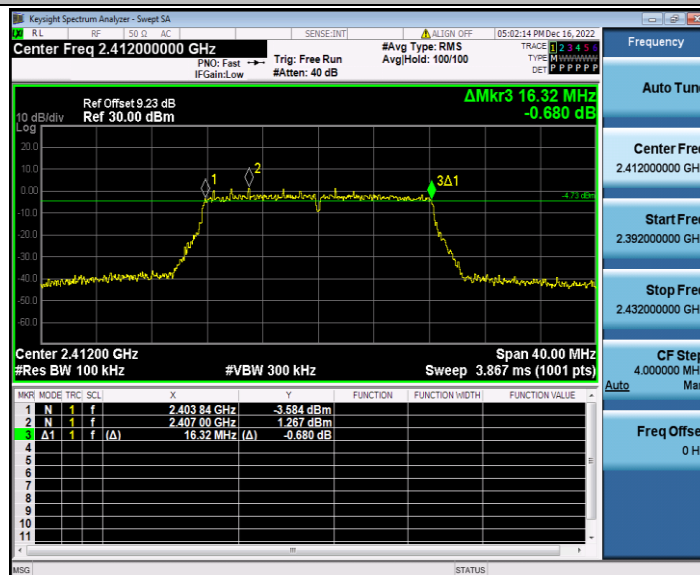
11B_Ant1_2437



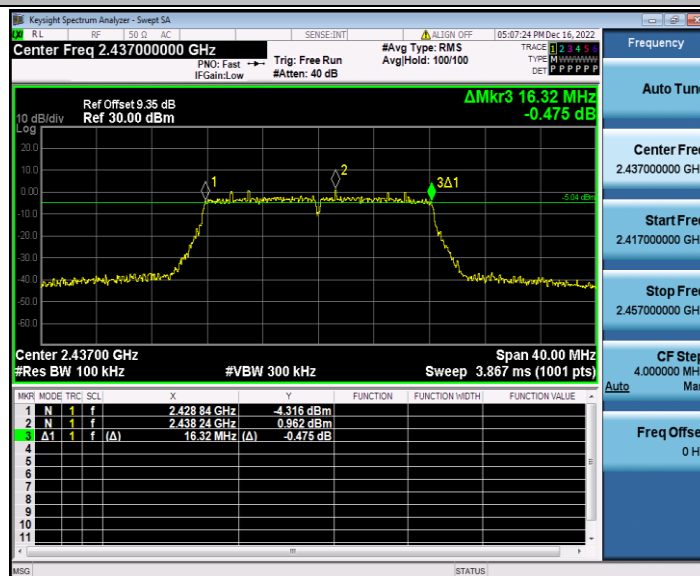
11B_Ant1_2462



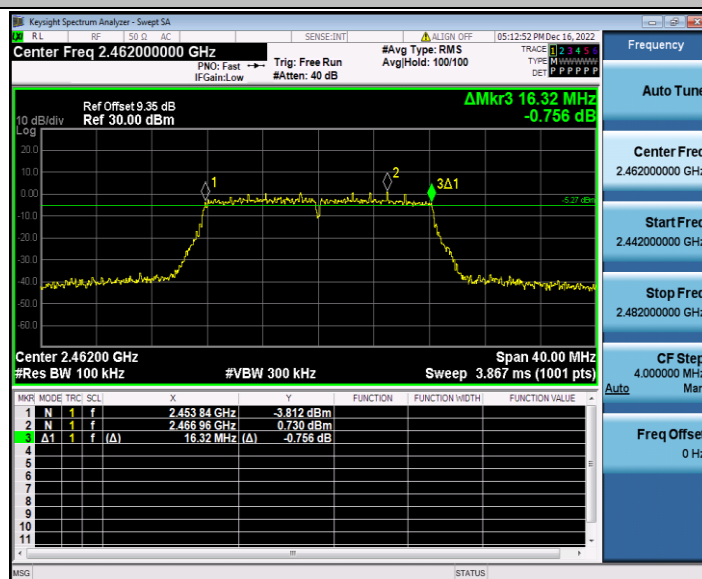
11G_Ant1_2412



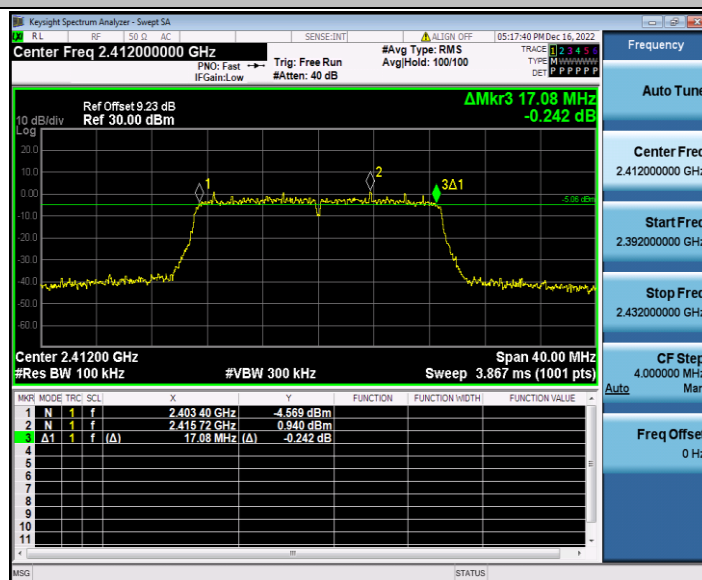
11G_Ant1_2437



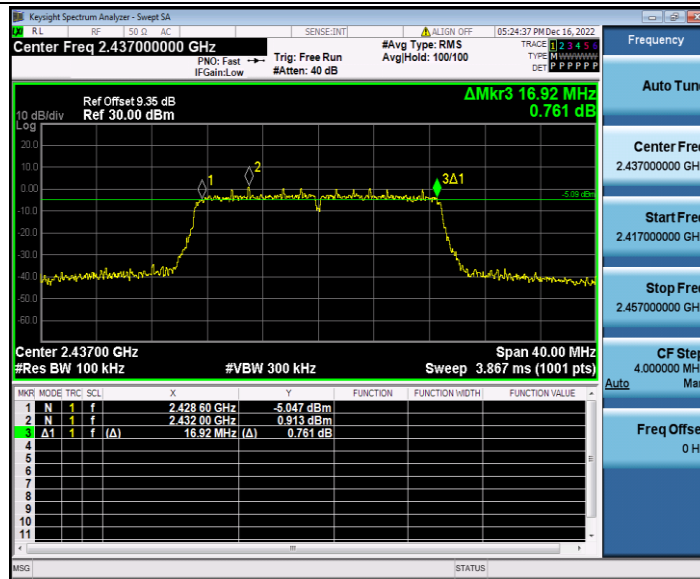
11G_Ant1_2462



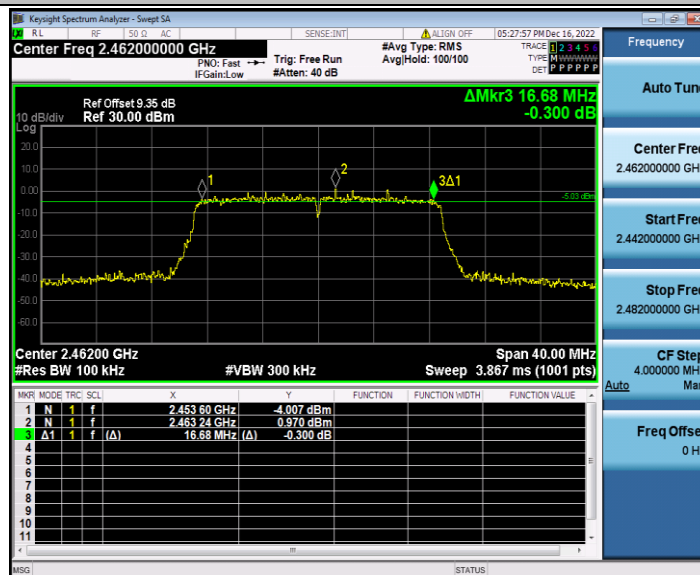
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



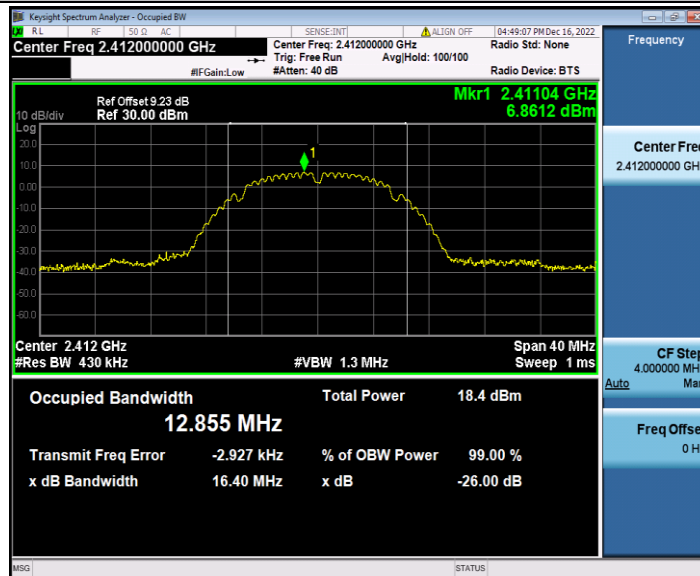
Appendix A.2: Occupied Channel Bandwidth

Test Result

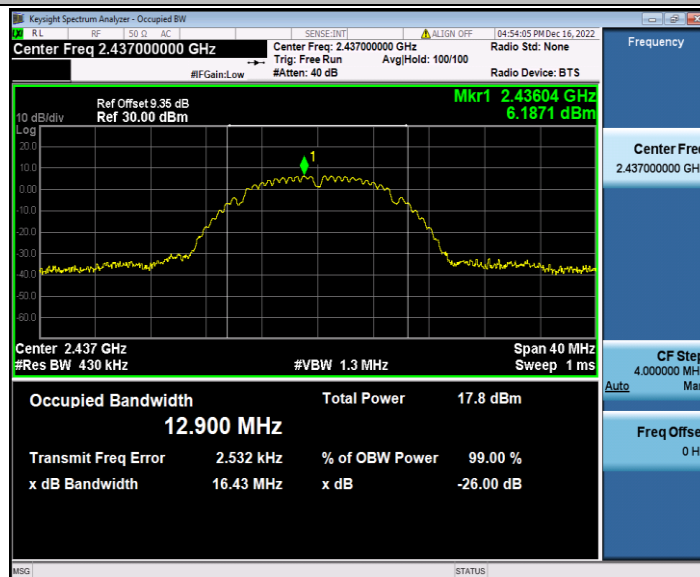
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.855	2405.570	2418.425	---	---
		2437	12.900	2430.553	2443.453	---	---
		2462	12.867	2455.543	2468.410	---	---
11G	Ant1	2412	16.754	2403.621	2420.375	---	---
		2437	16.801	2428.608	2445.409	---	---
		2462	16.781	2453.598	2470.379	---	---
11N20SISO	Ant1	2412	17.614	2403.194	2420.808	---	---
		2437	17.625	2428.196	2445.821	---	---
		2462	17.596	2453.185	2470.781	---	---

Test Graphs

11B_Ant1_2412



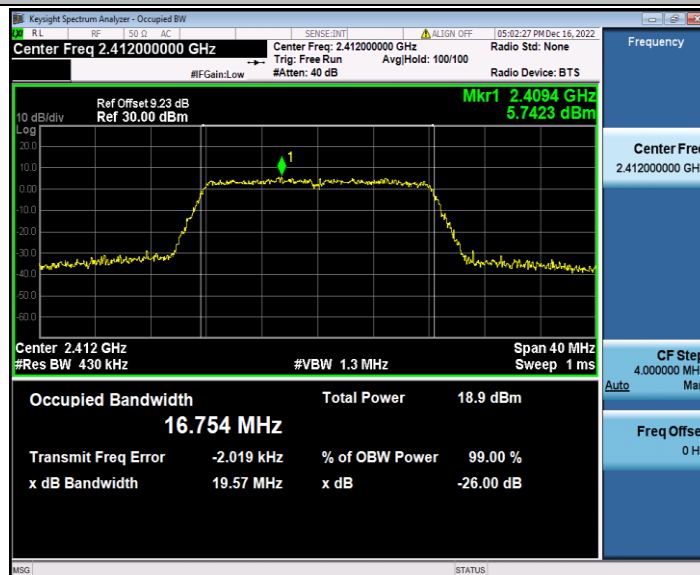
11B_Ant1_2437



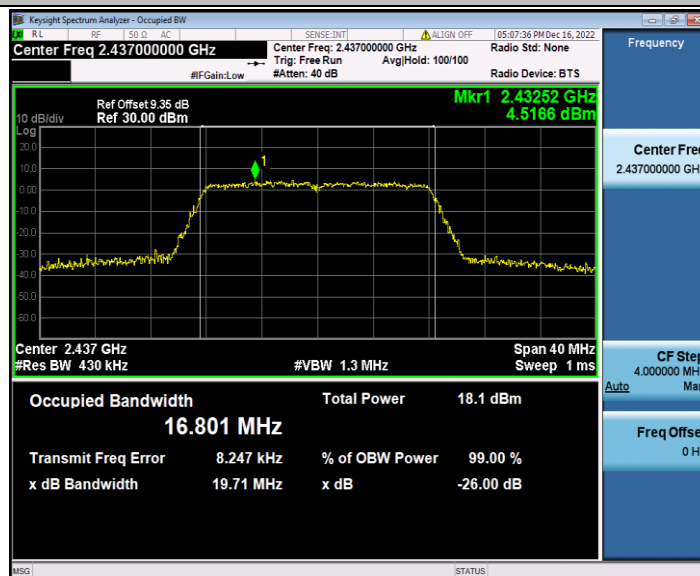
11B_Ant1_2462



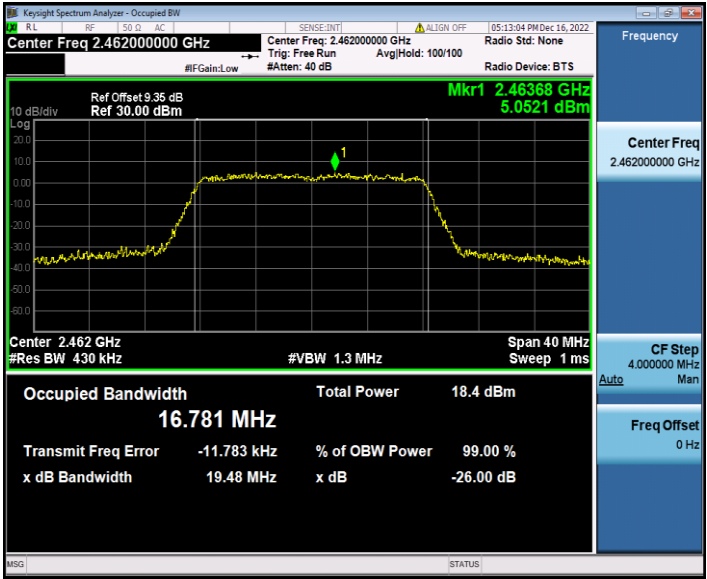
11G_Ant1_2412



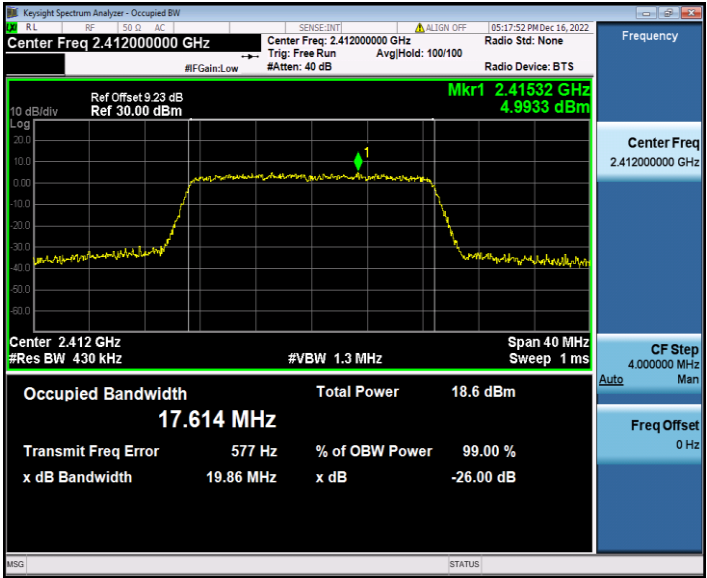
11G_Ant1_2437



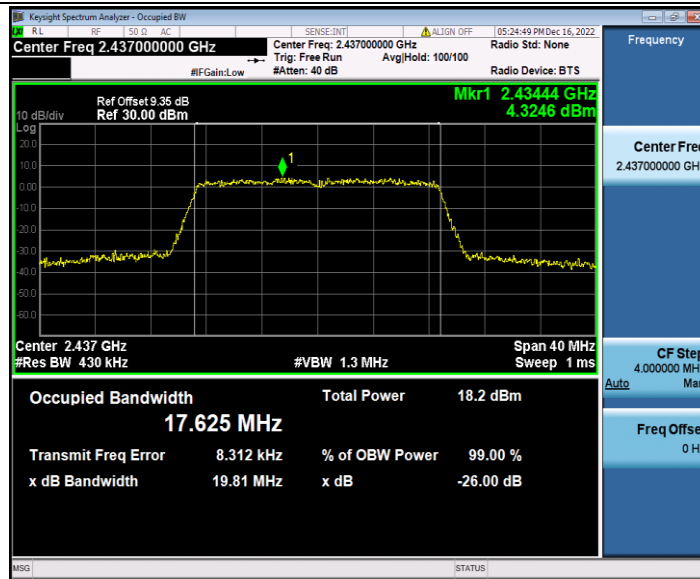
11G_Ant1_2462



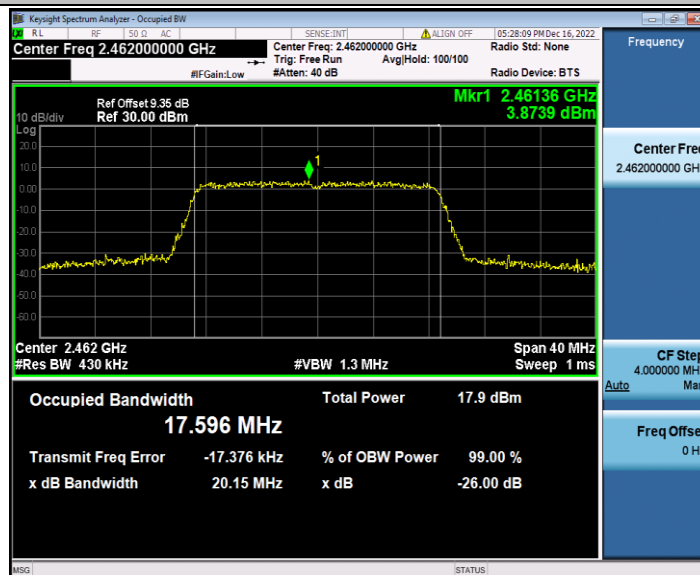
11N20SISO_Ant1_2412



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	20.38	≤30.00	PASS
		2437	20.78	≤30.00	PASS
		2462	20.87	≤30.00	PASS
11G	Ant1	2412	21.07	≤30.00	PASS
		2437	21.30	≤30.00	PASS
		2462	21.57	≤30.00	PASS
11N20SISO	Ant1	2412	21.81	≤30.00	PASS
		2437	21.43	≤30.00	PASS
		2462	21.23	≤30.00	PASS

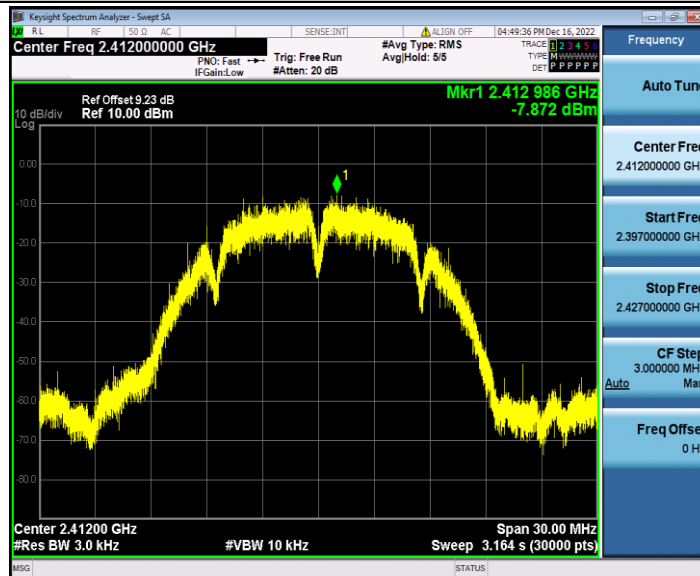
Appendix A.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.87	≤8.00	PASS
		2437	-6.41	≤8.00	PASS
		2462	-6.37	≤8.00	PASS
11G	Ant1	2412	-12.8	≤8.00	PASS
		2437	-13.21	≤8.00	PASS
		2462	-12.91	≤8.00	PASS
11N20SISO	Ant1	2412	-12.8	≤8.00	PASS
		2437	-13.13	≤8.00	PASS
		2462	-12.72	≤8.00	PASS

Test Graphs

11B_Ant1_2412



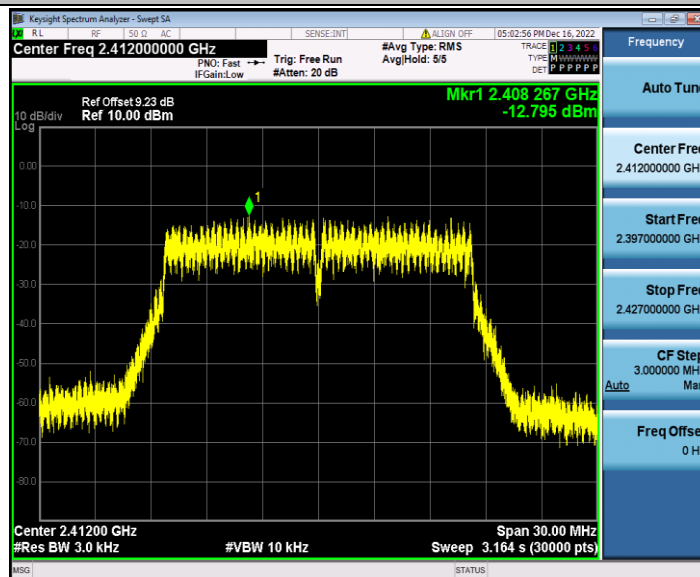
11B_Ant1_2437



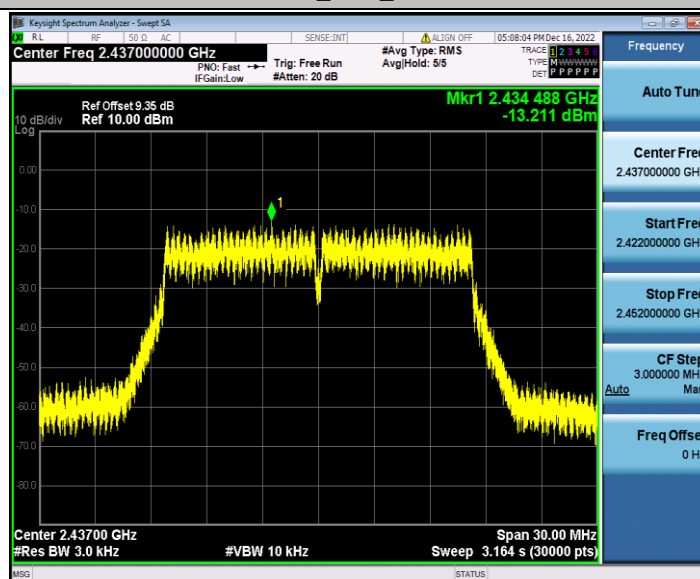
11B_Ant1_2462



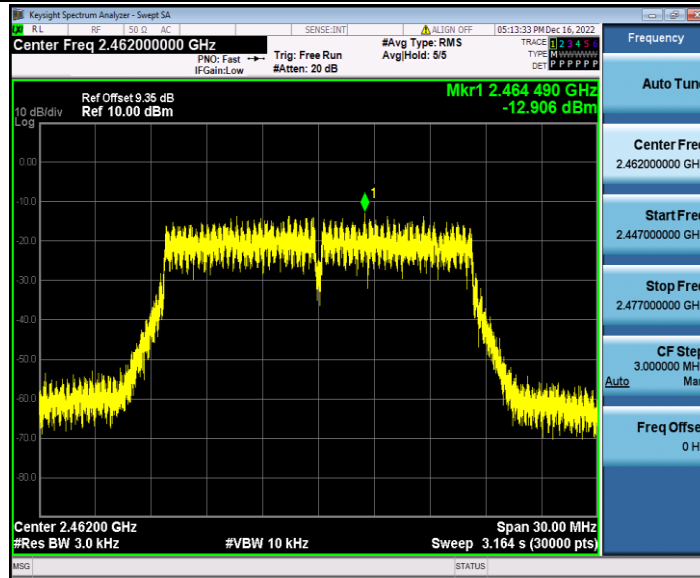
11G_Ant1_2412



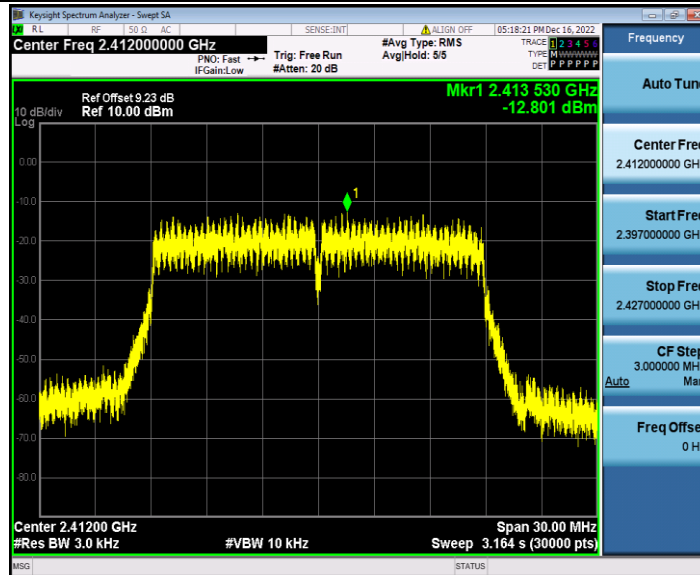
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437