

Case No. : <u>GTS20230510013-1-15</u>	
Ambient Condition: <u>24</u> °C, <u>48</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.8.11</u>	Test Engineer: <u>NA</u>

Appendix A.1: DTS Bandwidth

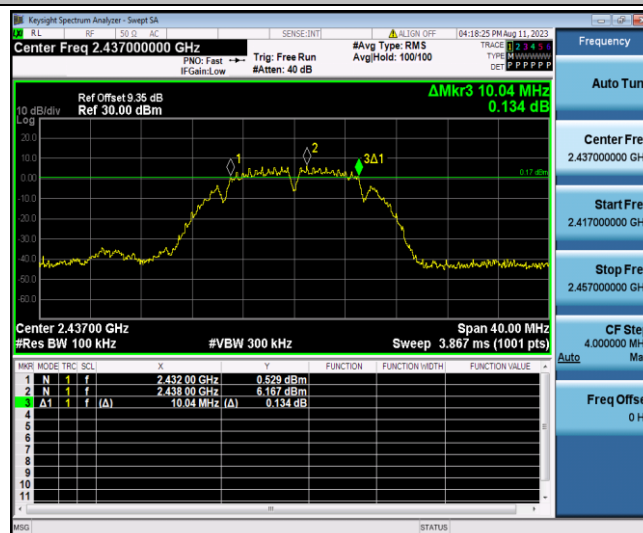
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.000	2416.560	0.5	PASS
		2437	10.040	2432.000	2442.040	0.5	PASS
		2462	10.040	2457.000	2467.040	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS

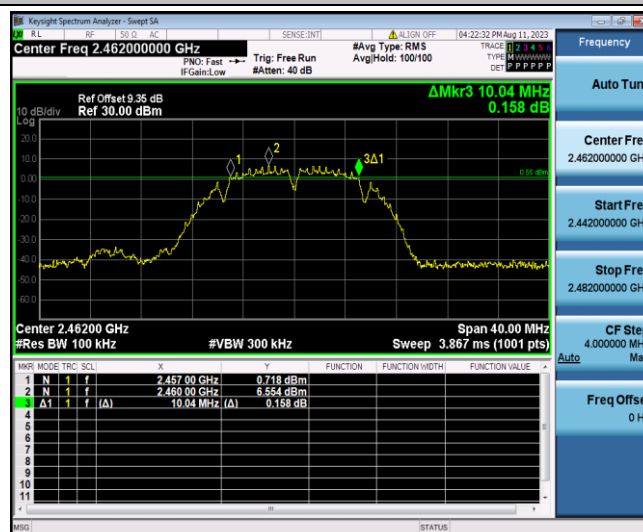
Test Graphs



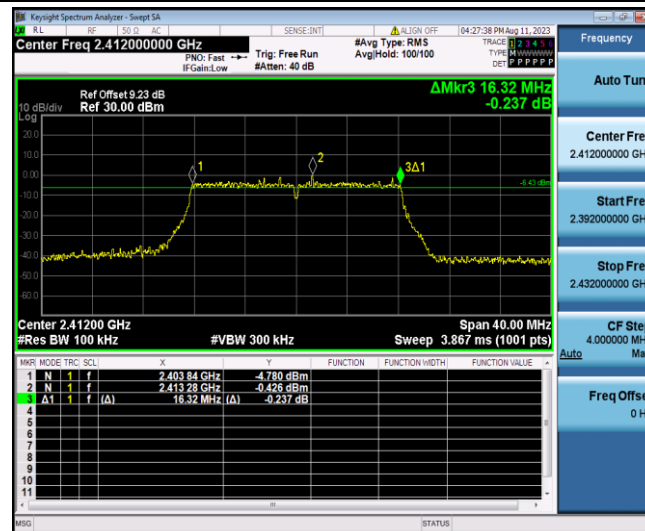
11B_Ant1_2412



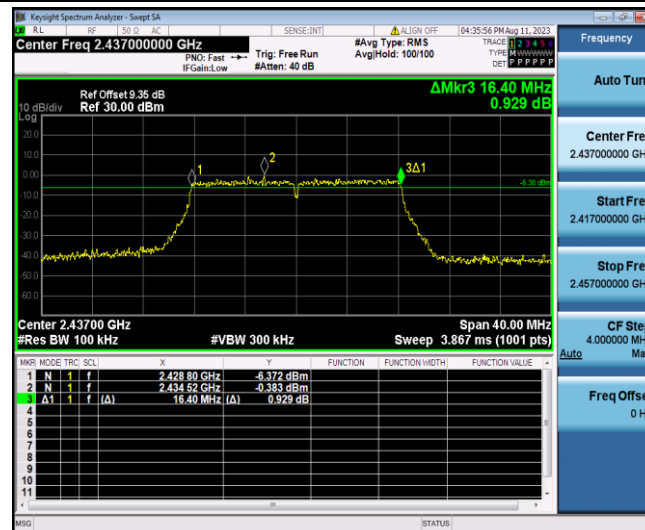
11B_Ant1_2437



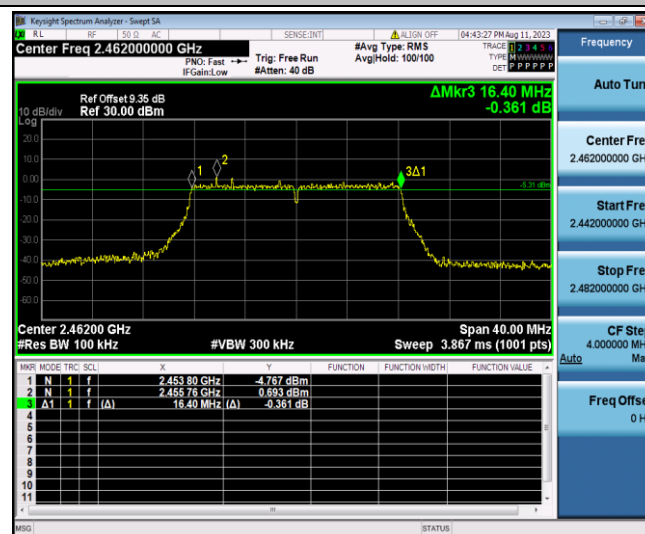
11B_Ant1_2462



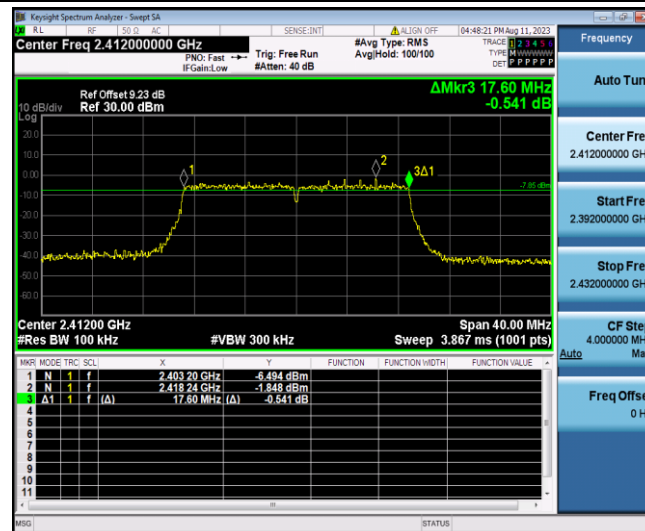
11G_Ant1_2412



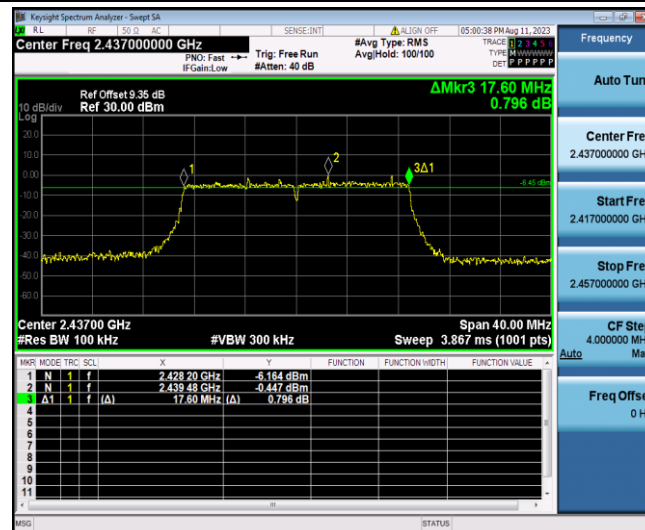
11G_Ant1_2437



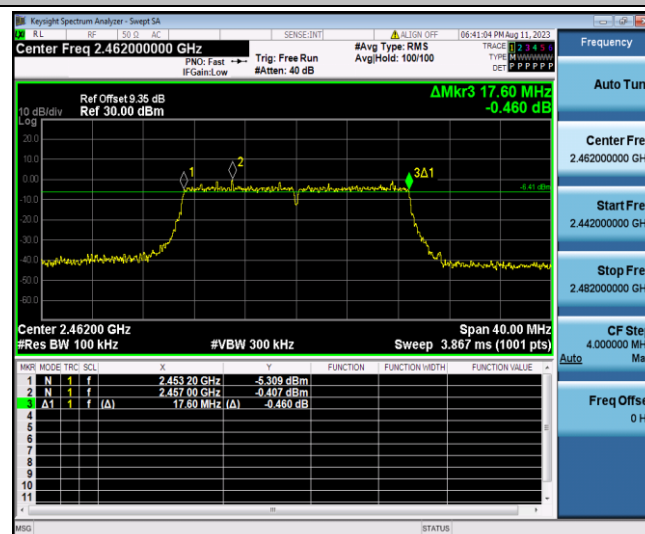
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



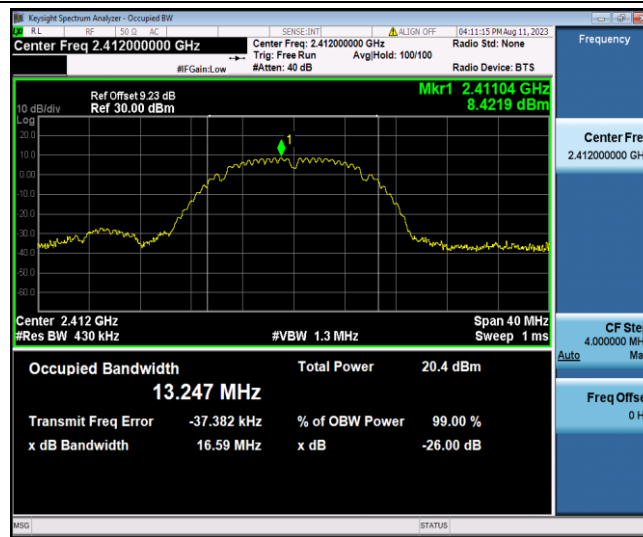
11N20SISO_Ant1_2462

Appendix A.2: Occupied Channel Bandwidth

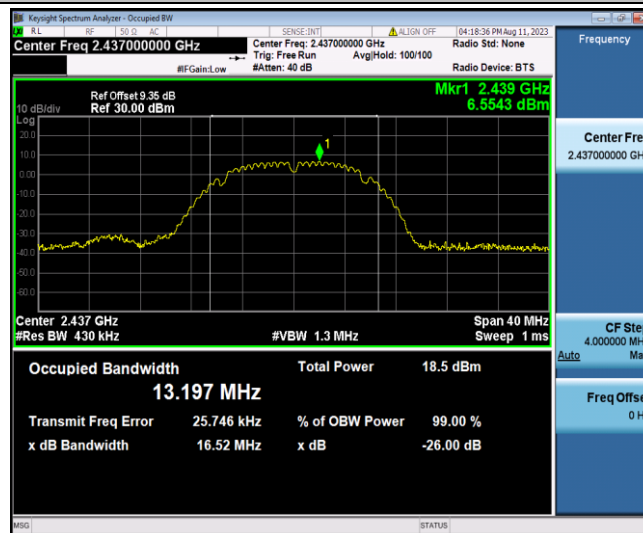
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.247	2405.339	2418.586	---	---
		2437	13.197	2430.427	2443.624	---	---
		2462	13.200	2455.381	2468.581	---	---
11G	Ant1	2412	16.815	2403.583	2420.398	---	---
		2437	16.816	2428.641	2445.457	---	---
		2462	16.805	2453.594	2470.399	---	---
11N20SISO	Ant1	2412	17.889	2403.045	2420.934	---	---
		2437	17.801	2428.151	2445.952	---	---
		2462	17.822	2453.098	2470.920	---	---

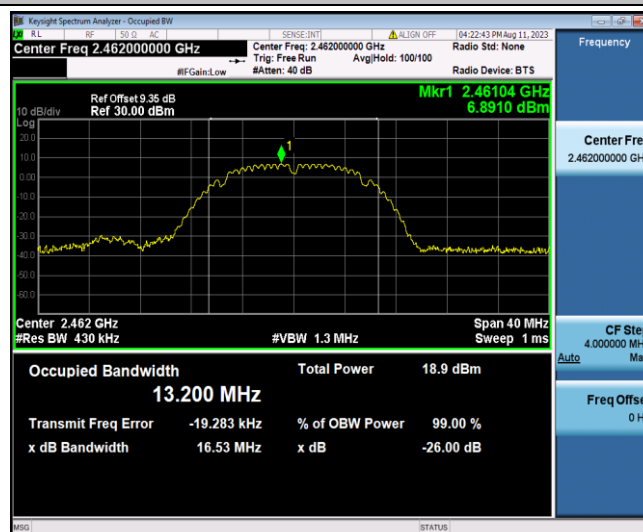
Test Graphs



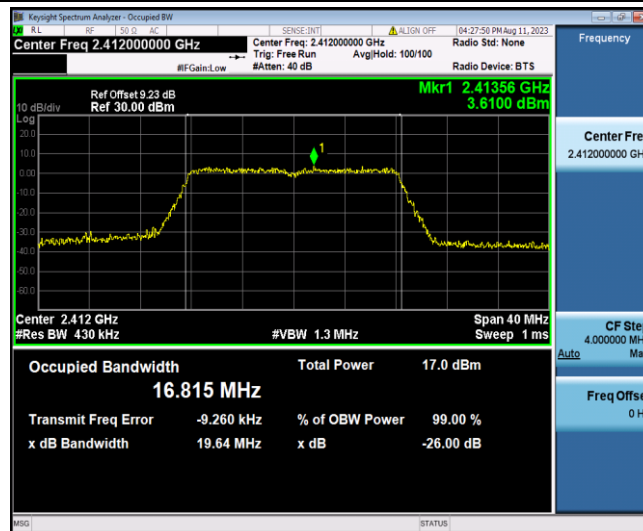
11B_Ant1_2412



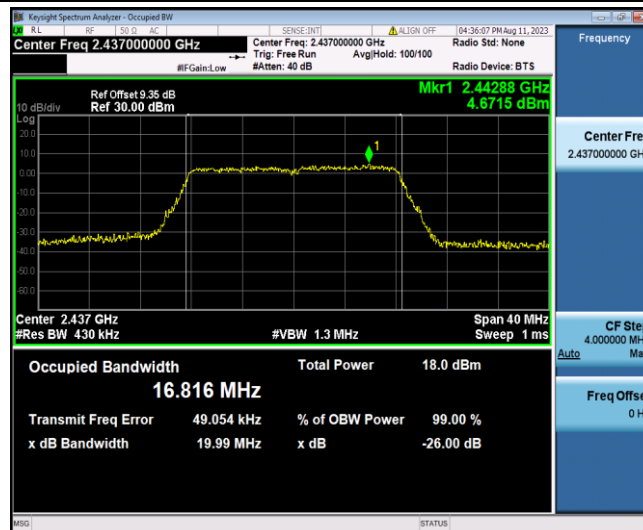
11B_Ant1_2437



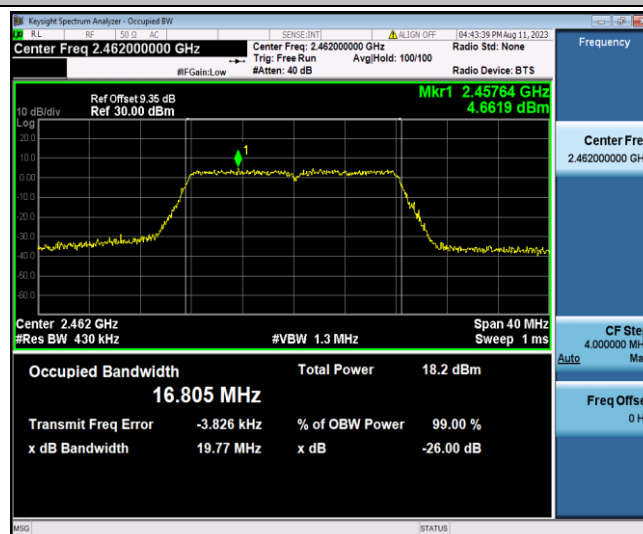
11B_Ant1_2462



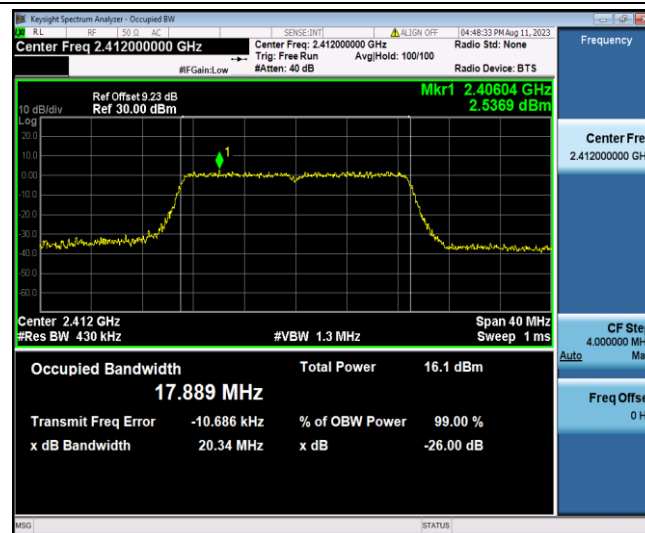
11G_Ant1_2412



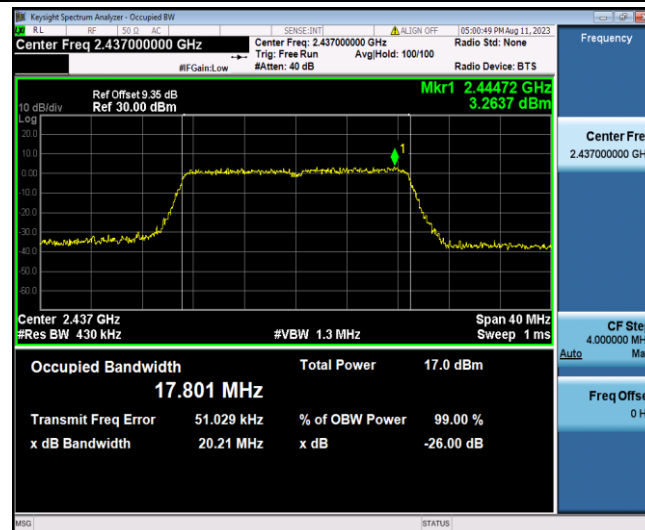
11G_Ant1_2437



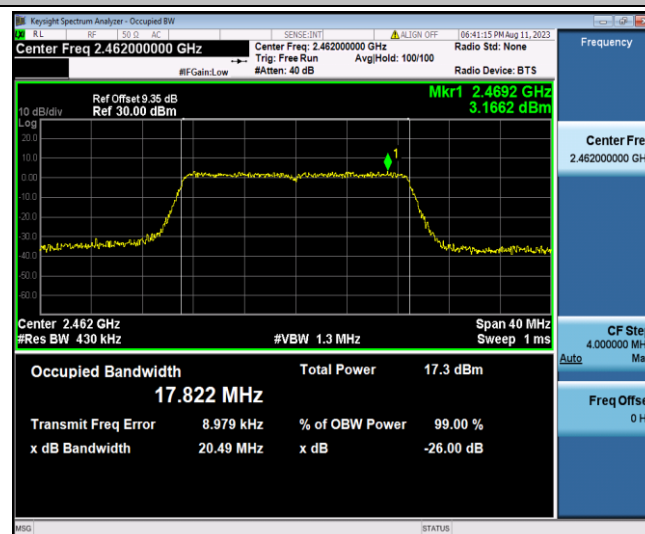
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix A.3: Maximum conducted output power

Test Result Peak

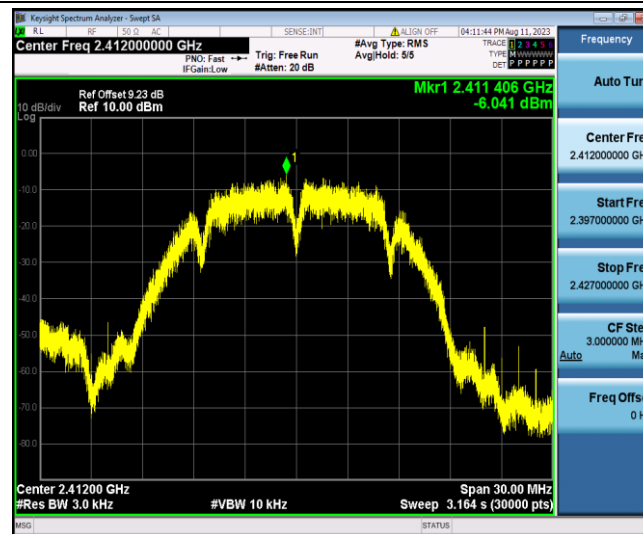
Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	20.40	≤30.00	PASS
		2437	20.56	≤30.00	PASS
		2462	20.99	≤30.00	PASS
11G	Ant1	2412	20.09	≤30.00	PASS
		2437	21.20	≤30.00	PASS
		2462	21.40	≤30.00	PASS
11N20SISO	Ant1	2412	21.23	≤30.00	PASS
		2437	21.12	≤30.00	PASS
		2462	21.74	≤30.00	PASS

Appendix A.4: Maximum power spectral density

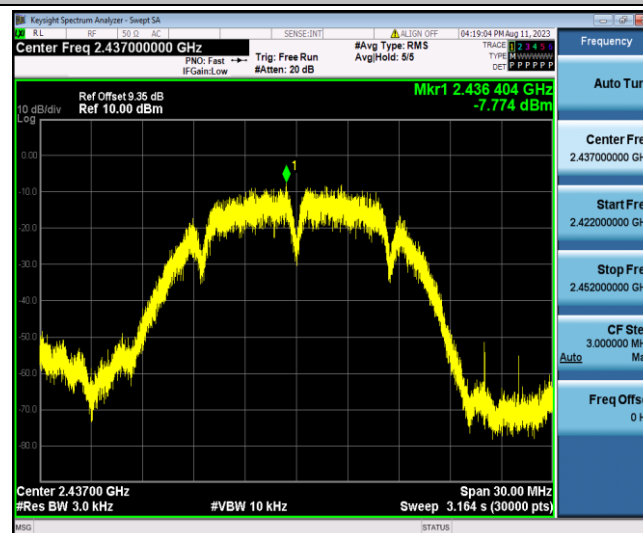
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.04	≤8.00	PASS
		2437	-7.77	≤8.00	PASS
		2462	-7.75	≤8.00	PASS
11G	Ant1	2412	-14.73	≤8.00	PASS
		2437	-13.63	≤8.00	PASS
		2462	-12.83	≤8.00	PASS
11N20SISO	Ant1	2412	-14.27	≤8.00	PASS
		2437	-13.59	≤8.00	PASS
		2462	-12.49	≤8.00	PASS

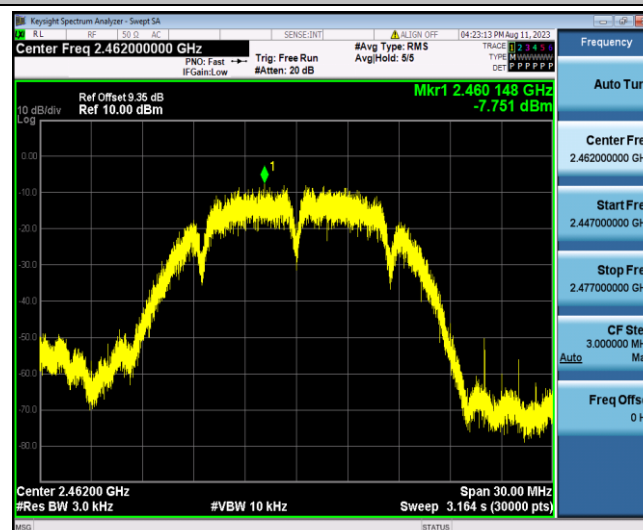
Test Graphs



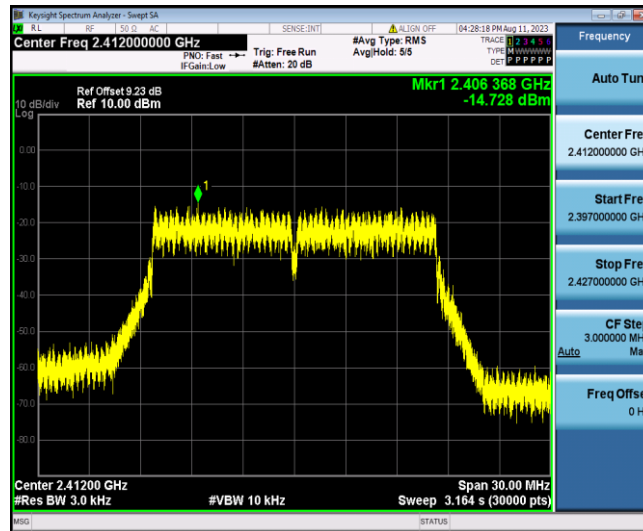
11B_Ant1_2412



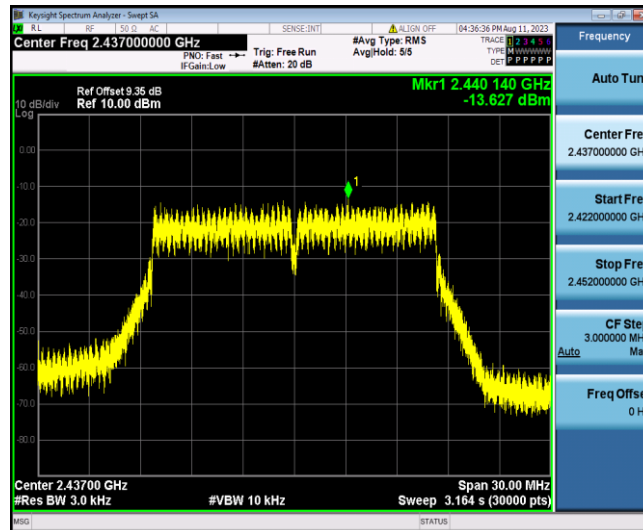
11B_Ant1_2437



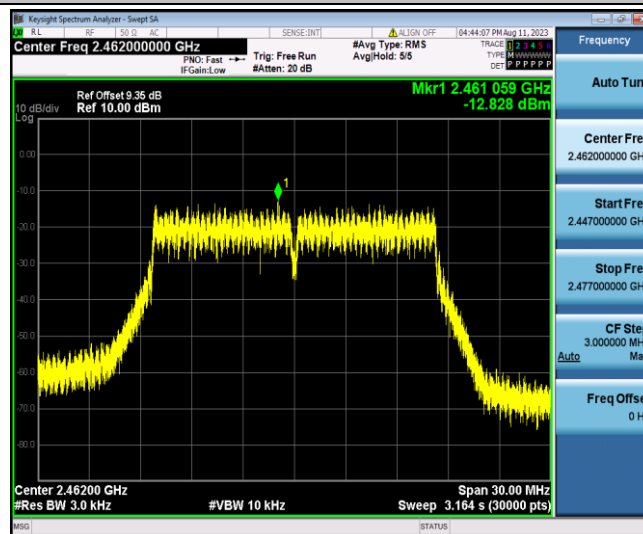
11B_Ant1_2462



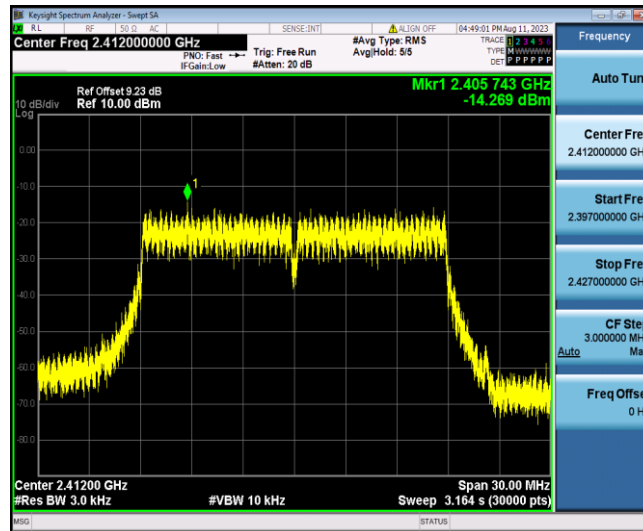
11G_Ant1_2412



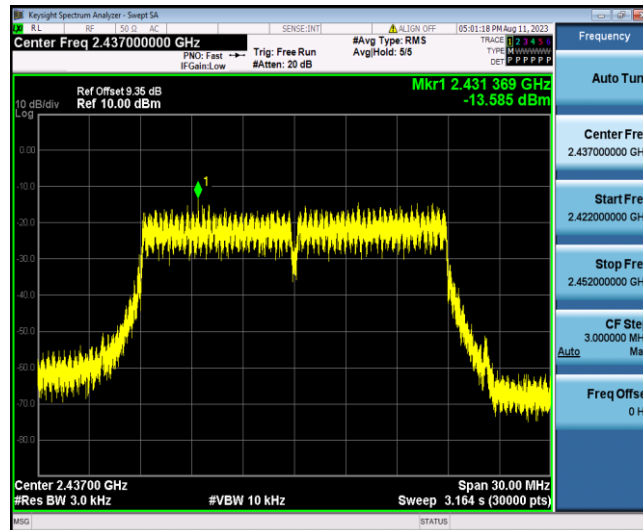
11G_Ant1_2437



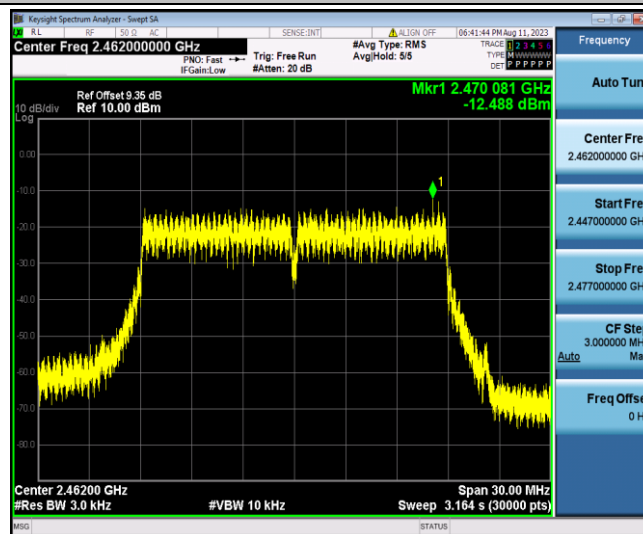
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix A.5: Band edge measurements

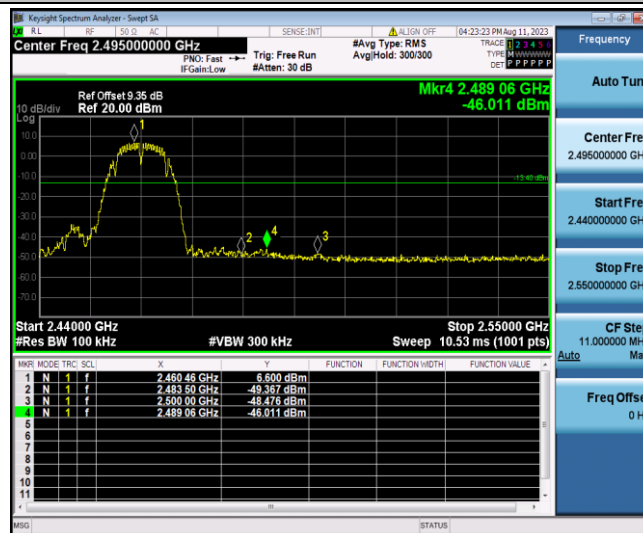
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.05	-30.46	≤ -11.95	PASS
		High	2462	6.60	-46.01	≤ -13.4	PASS
11G	Ant1	Low	2412	-0.36	-36.69	≤ -20.36	PASS
		High	2462	0.42	-46.51	≤ -19.58	PASS
11N20SISO	Ant1	Low	2412	-1.51	-37.64	≤ -21.51	PASS
		High	2462	-0.22	-45.21	≤ -20.22	PASS

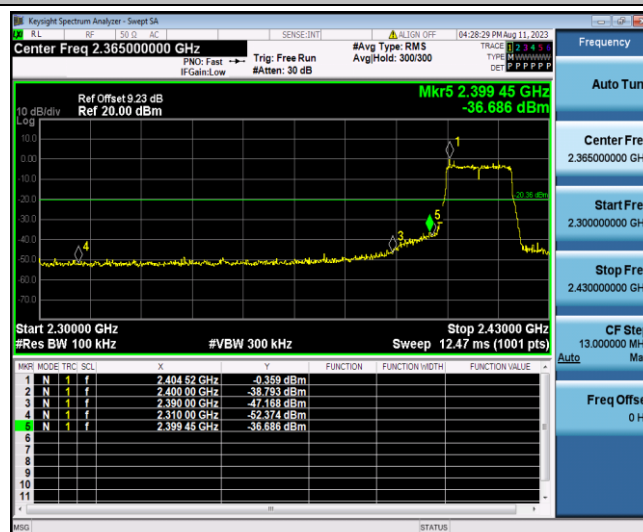
Test Graphs



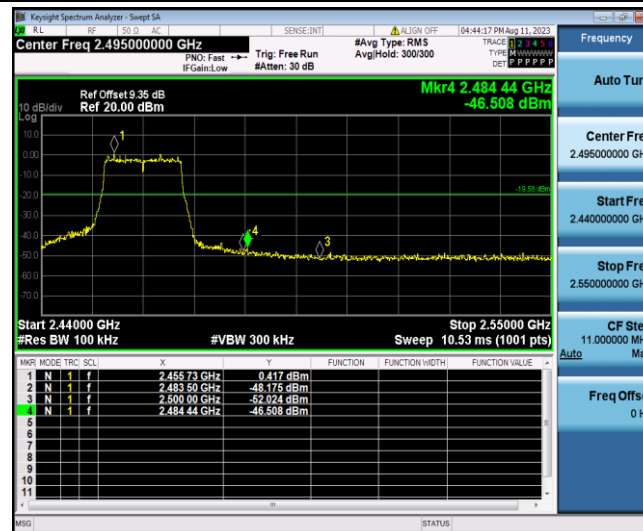
11B_Ant1_Low_2412



11B_Ant1_High_2462



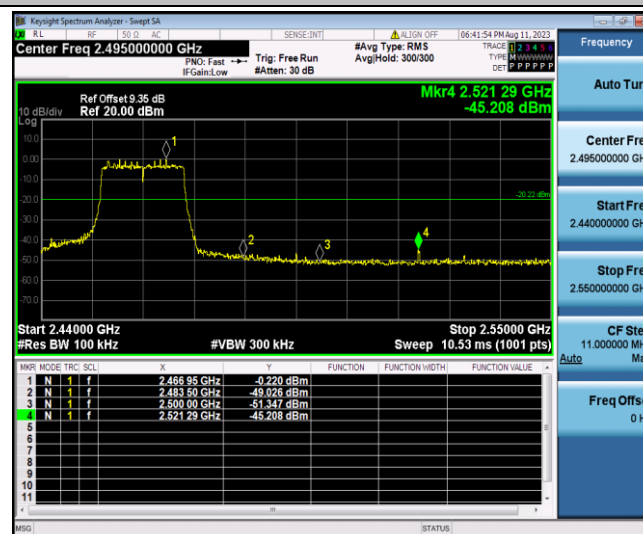
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462