

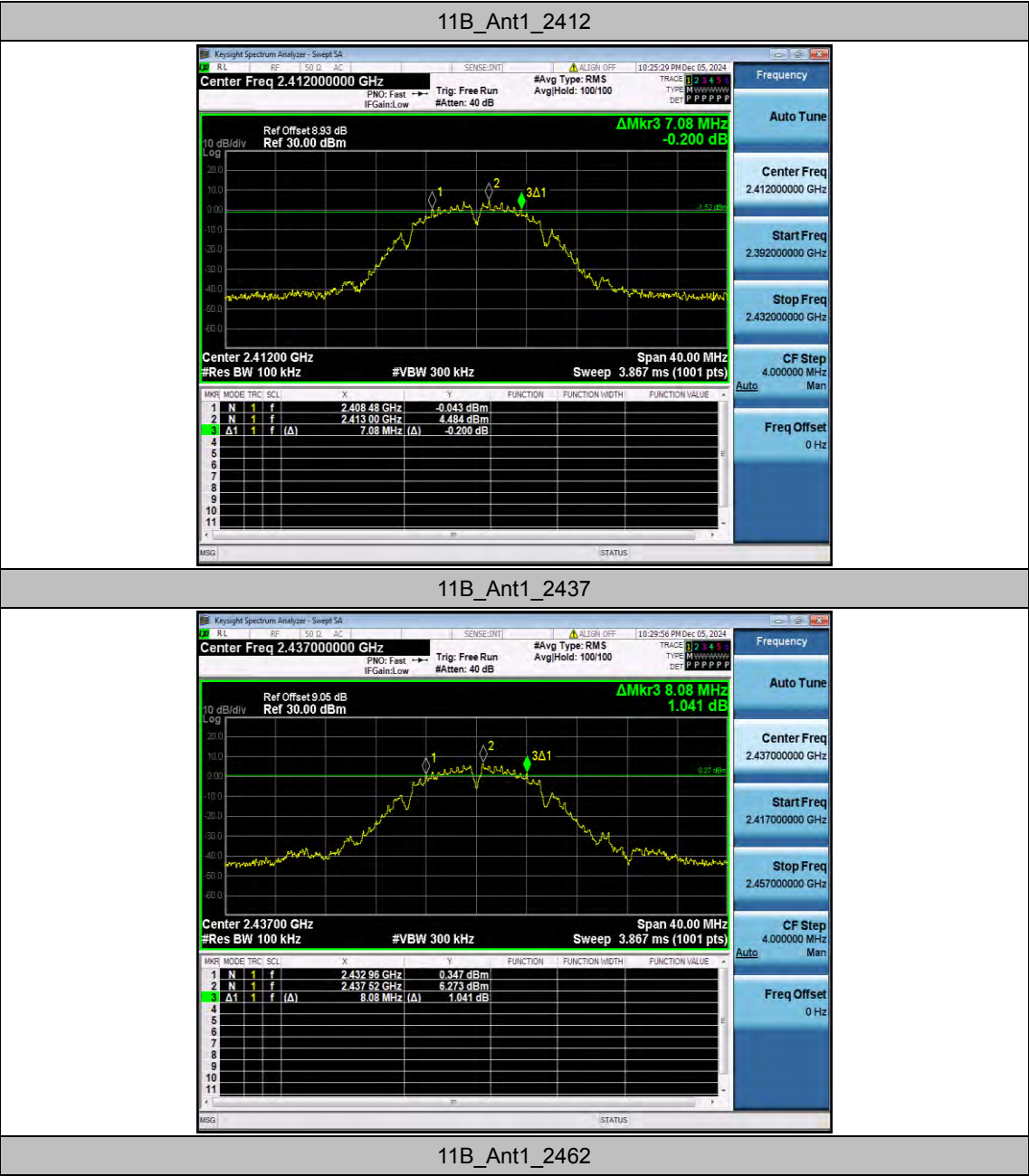
Case No. : <u>GTS20241123004-2-02</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH,	
According Standard: ■Part15C	
Test Date: <u>2024.12.5</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.080	2408.480	2415.560	0.5	PASS
		2437	8.080	2432.960	2441.040	0.5	PASS
		2462	7.600	2458.440	2466.040	0.5	PASS
11G	Ant1	2412	14.400	2405.120	2419.520	0.5	PASS
		2437	15.400	2429.480	2444.880	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.520	2428.280	2445.800	0.5	PASS
		2462	16.520	2453.640	2470.160	0.5	PASS
11N40SISO	Ant1	2422	28.240	2410.320	2438.560	0.5	PASS
		2437	33.840	2420.680	2454.520	0.5	PASS
		2452	33.760	2435.760	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	18.440	2402.880	2421.320	0.5	PASS
		2437	17.440	2428.520	2445.960	0.5	PASS
		2462	18.320	2452.840	2471.160	0.5	PASS
11AX40SISO	Ant1	2422	35.760	2404.480	2440.240	0.5	PASS
		2437	32.560	2420.760	2453.320	0.5	PASS
		2452	36.720	2434.160	2470.880	0.5	PASS

Test Graphs





11G_Ant1_2412



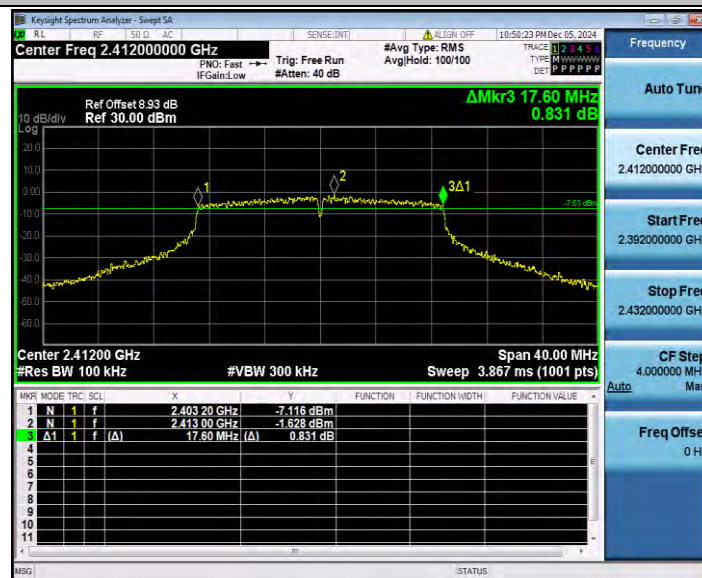
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



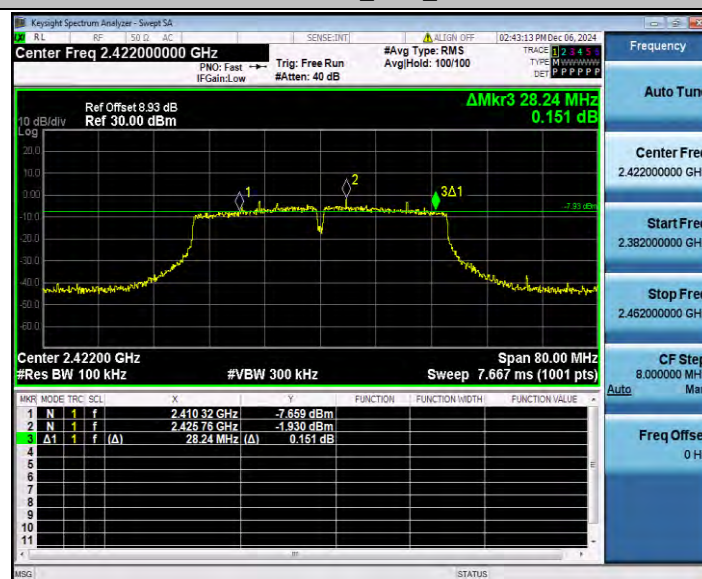
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



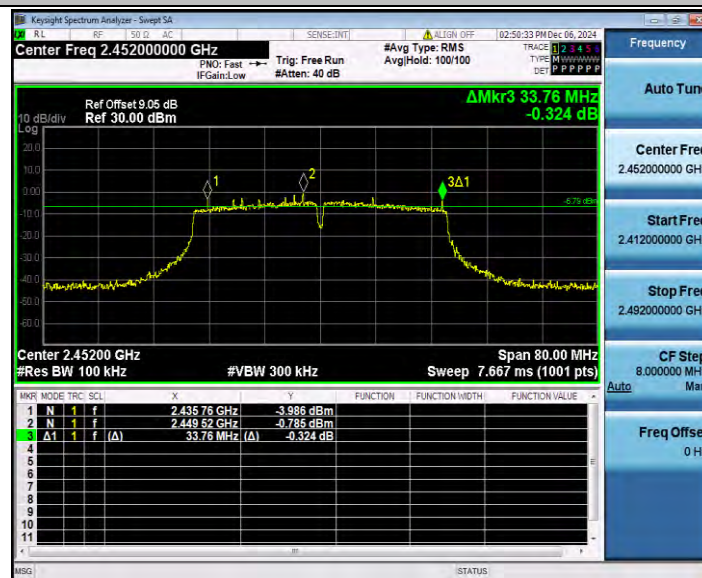
11N40SISO_Ant1_2422



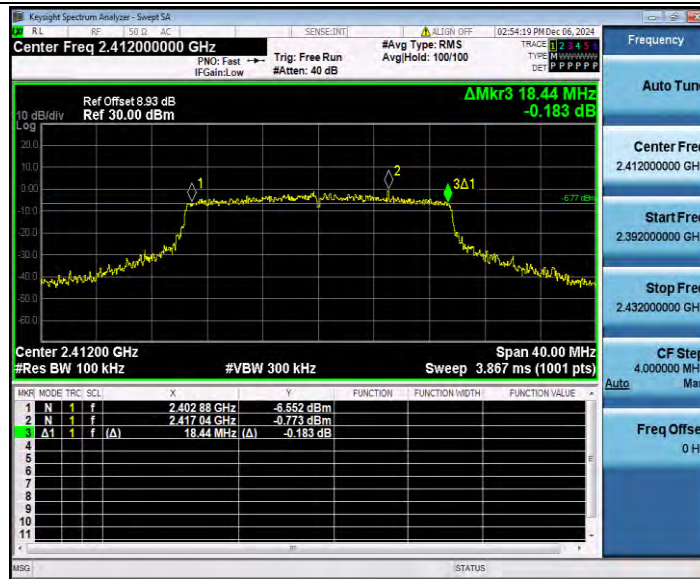
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



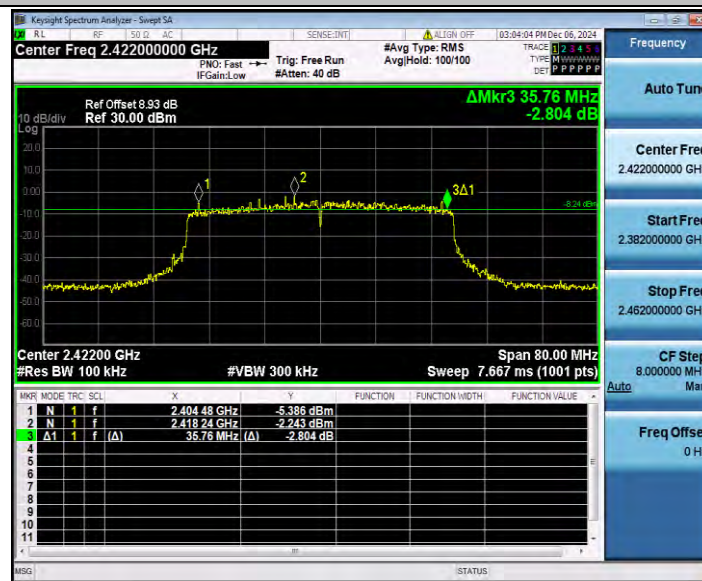
11AX20SISO_Ant1_2437



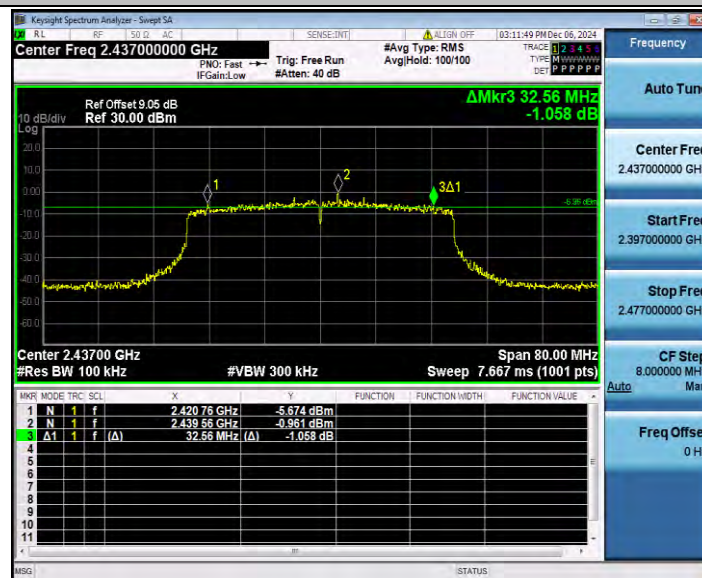
11AX20SISO_Ant1_2462



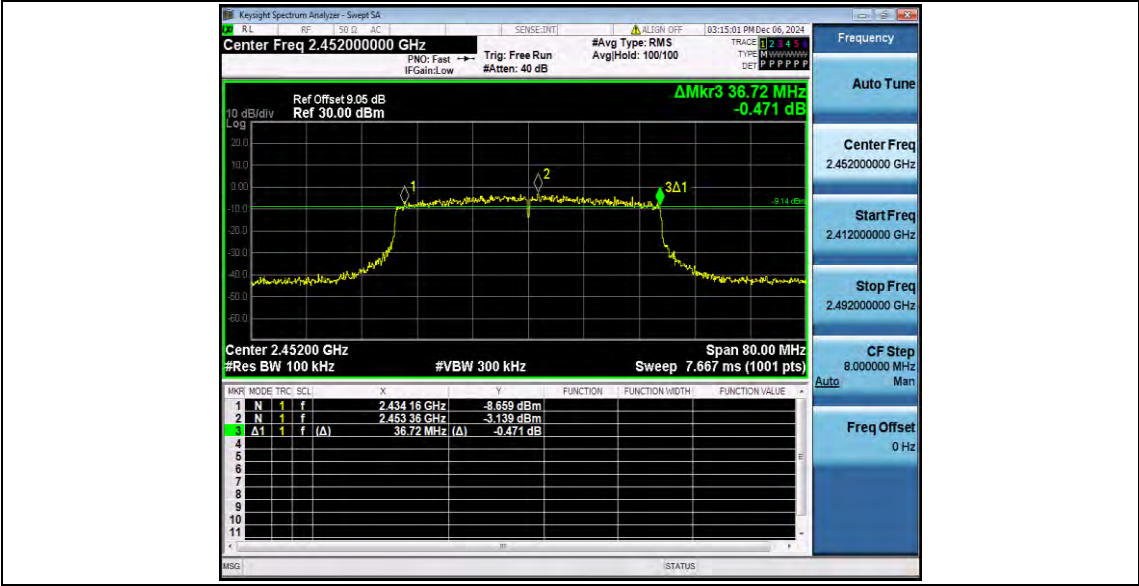
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



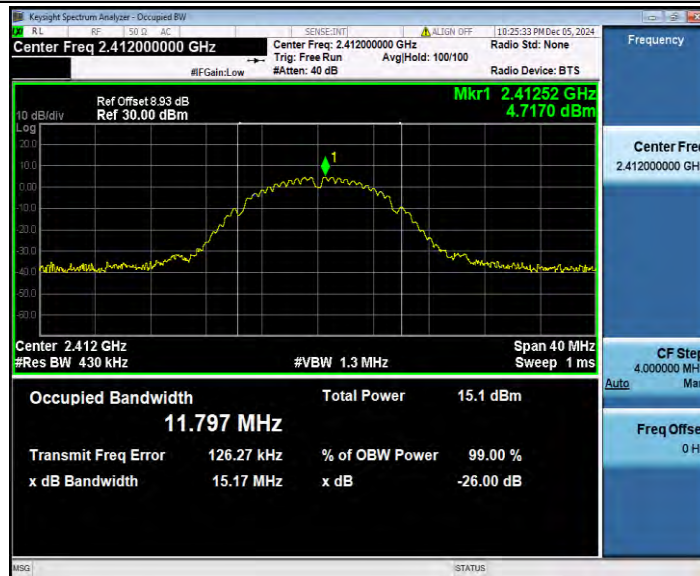
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.797	2406.2278	2418.0248	---	---
		2437	12.073	2431.0567	2443.1297	---	---
		2462	12.084	2456.0167	2468.1007	---	---
11G	Ant1	2412	17.171	2403.3954	2420.5664	---	---
		2437	17.104	2428.4411	2445.5451	---	---
		2462	17.149	2453.3778	2470.5268	---	---
11N20SISO	Ant1	2412	18.392	2402.8160	2421.2080	---	---
		2437	18.250	2427.9259	2446.1759	---	---
		2462	18.336	2452.8465	2471.1825	---	---
11N40SISO	Ant1	2422	36.586	2403.8243	2440.4103	---	---
		2437	36.431	2418.8408	2455.2718	---	---
		2452	36.442	2433.7899	2470.2319	---	---
11AX20SISO	Ant1	2412	19.235	2402.4290	2421.6640	---	---
		2437	19.146	2427.4155	2446.5615	---	---
		2462	19.072	2452.4631	2471.5351	---	---
11AX40SISO	Ant1	2422	37.916	2403.1668	2441.0828	---	---
		2437	37.851	2418.1683	2456.0193	---	---
		2452	37.881	2433.0989	2470.9799	---	---

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



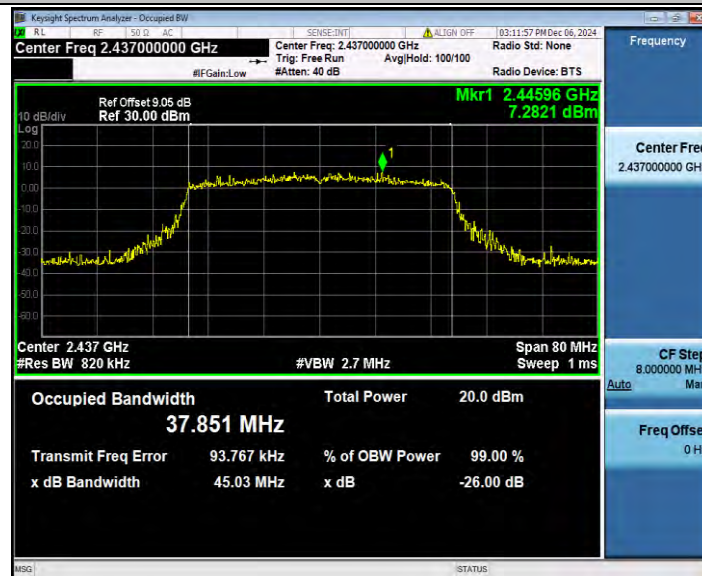
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.16	≤30.00	PASS
		2437	17.41	≤30.00	PASS
		2462	17.03	≤30.00	PASS
11G	Ant1	2412	18.59	≤30.00	PASS
		2437	19.71	≤30.00	PASS
		2462	19.45	≤30.00	PASS
11N20SISO	Ant1	2412	18.88	≤30.00	PASS
		2437	19.76	≤30.00	PASS
		2462	19.70	≤30.00	PASS
11N40SISO	Ant1	2422	18.92	≤30.00	PASS
		2437	19.41	≤30.00	PASS
		2452	19.56	≤30.00	PASS
11AX20SISO	Ant1	2412	19.19	≤30.00	PASS
		2437	20.03	≤30.00	PASS
		2462	20.12	≤30.00	PASS
11AX40SISO	Ant1	2422	19.61	≤30.00	PASS
		2437	20.05	≤30.00	PASS
		2452	20.21	≤30.00	PASS

Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.05	≤8.00	PASS
		2437	-8.13	≤8.00	PASS
		2462	-8.10	≤8.00	PASS
11G	Ant1	2412	-13.29	≤8.00	PASS
		2437	-12.81	≤8.00	PASS
		2462	-13.02	≤8.00	PASS
11N20SISO	Ant1	2412	-13.37	≤8.00	PASS
		2437	-12.61	≤8.00	PASS
		2462	-11.74	≤8.00	PASS
11N40SISO	Ant1	2422	-15.07	≤8.00	PASS
		2437	-15.45	≤8.00	PASS
		2452	-16.01	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.74	≤8.00	PASS
		2437	-13.35	≤8.00	PASS
		2462	-13.49	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.96	≤8.00	PASS
		2437	-16.31	≤8.00	PASS
		2452	-15.79	≤8.00	PASS

Test Graphs

11B_Ant1_2412



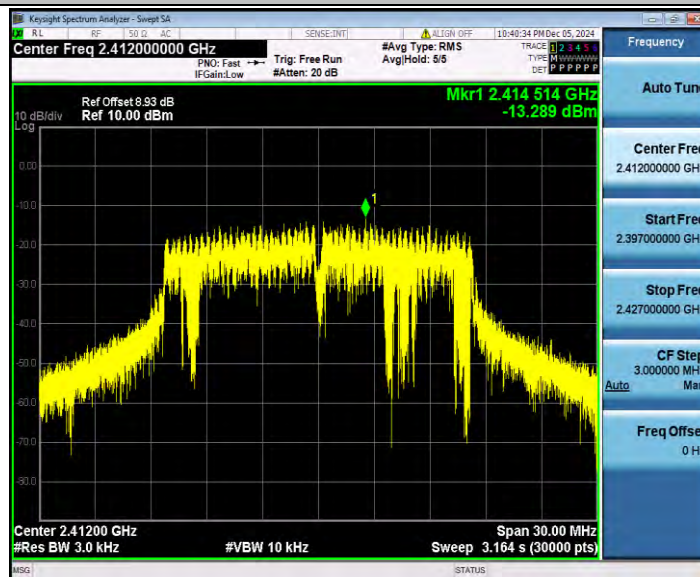
11B_Ant1_2437



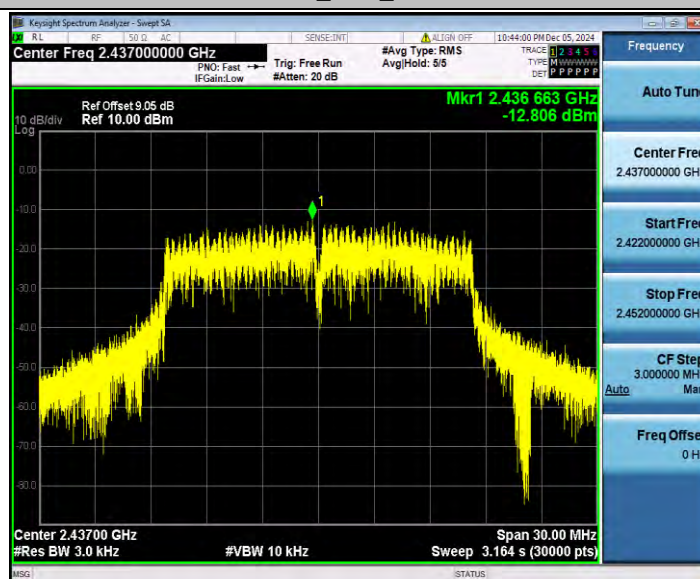
11B_Ant1_2462



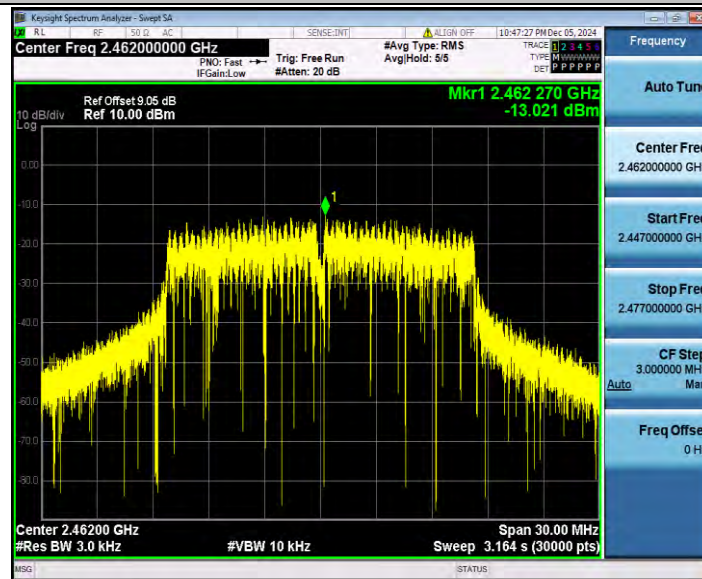
11G_Ant1_2412



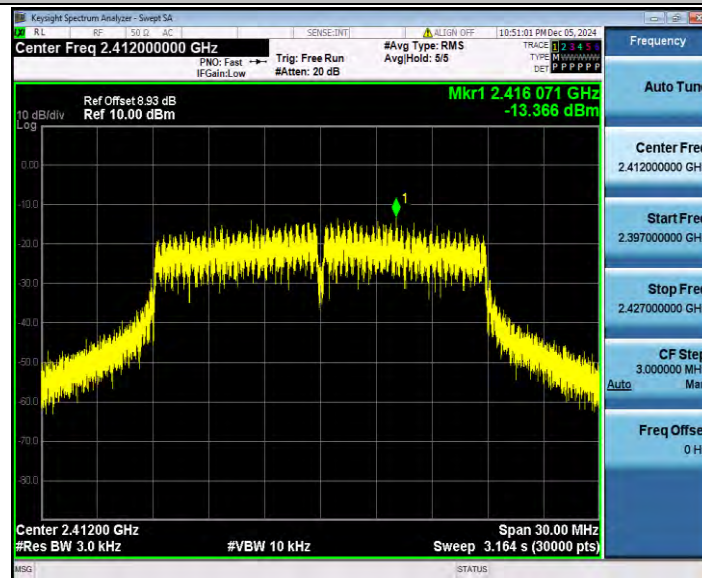
11G_Ant1_2437



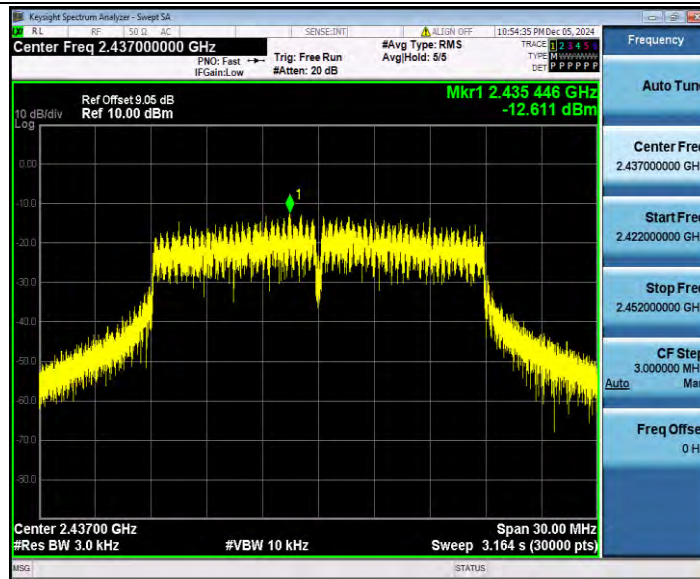
11G_Ant1_2462



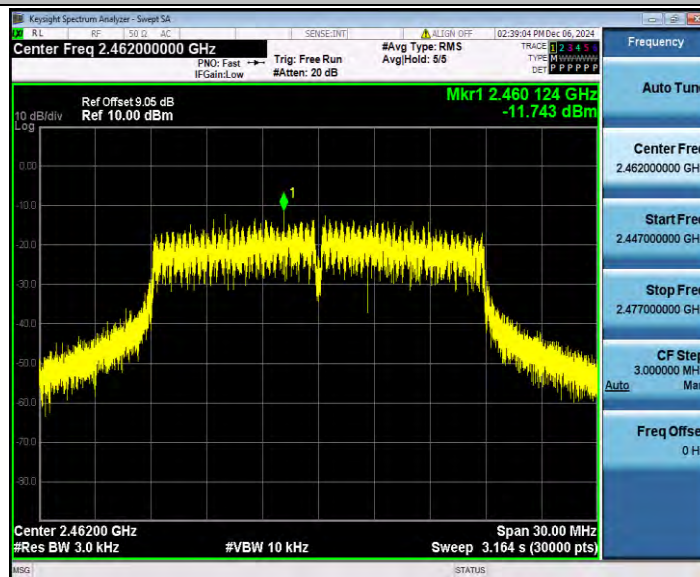
11N20SISO_Ant1_2412



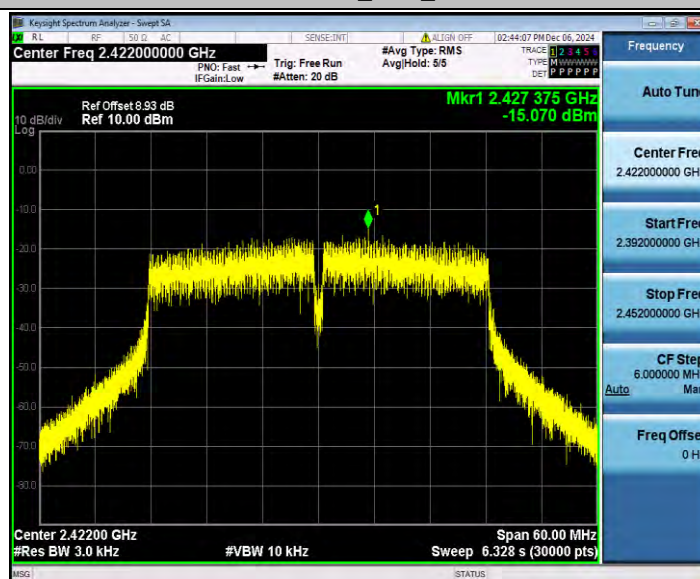
11N20SISO_Ant1_2437



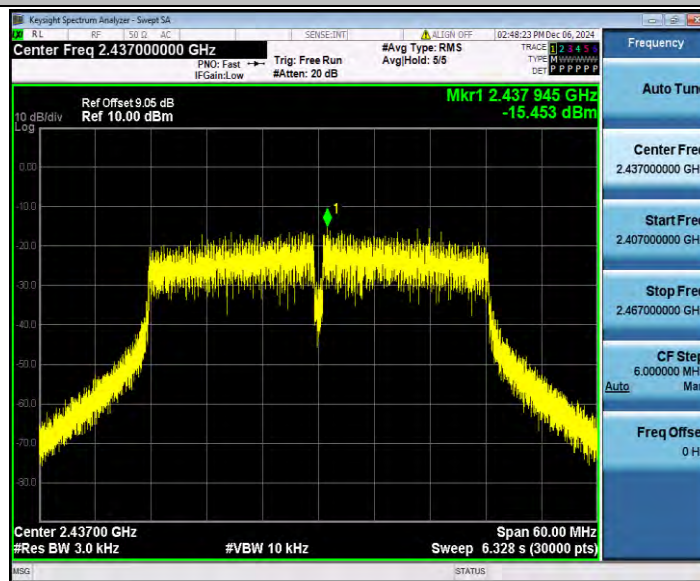
11N20SISO_Ant1_2462



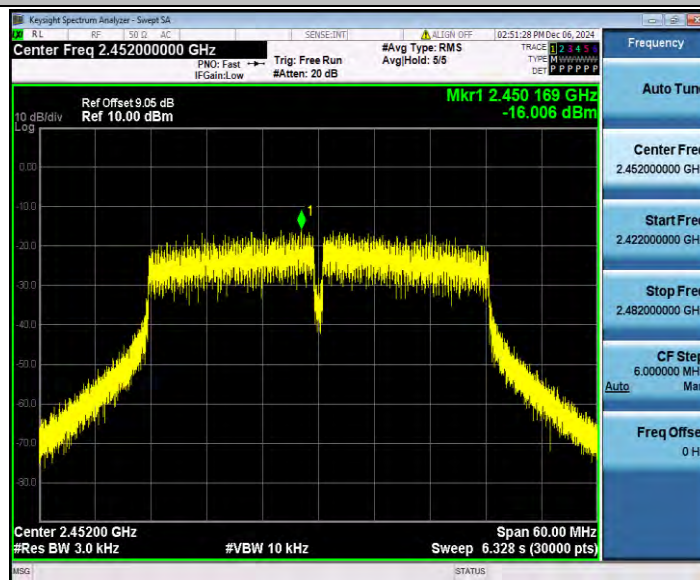
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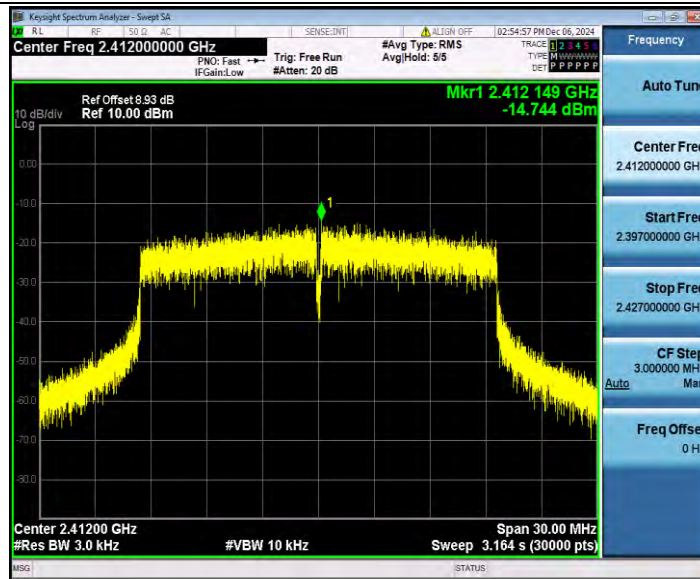
11N40SISO_Ant1_2437



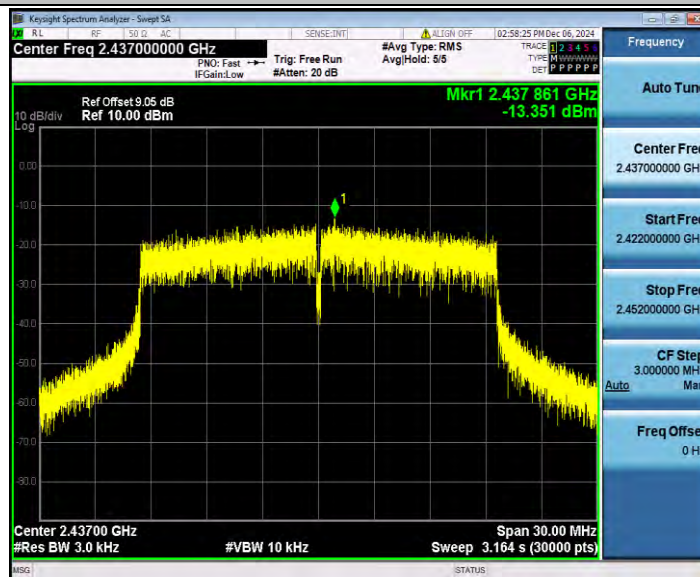
11N40SISO_Ant1_2452



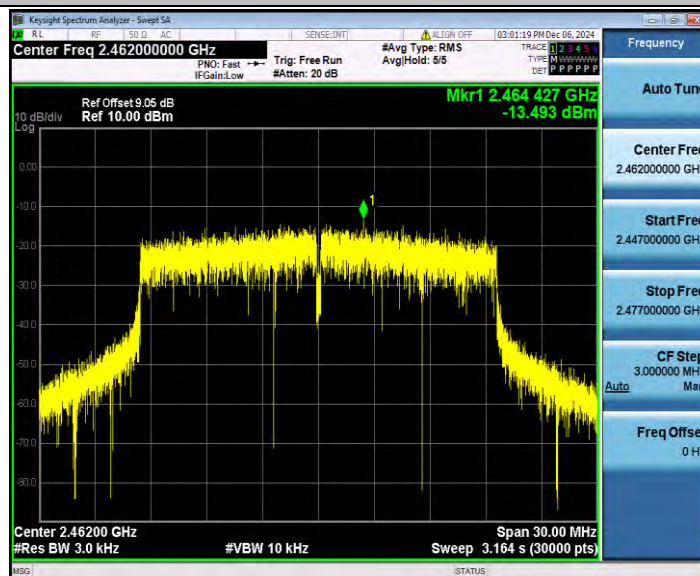
11AX20SISO_Ant1_2412



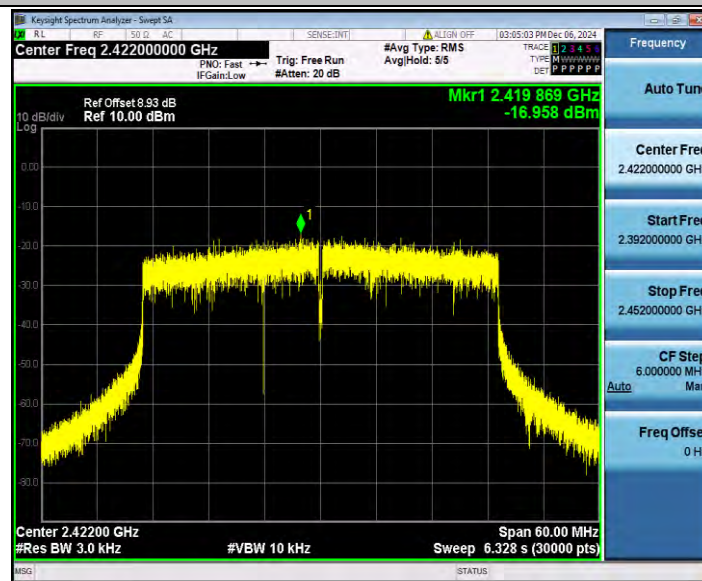
11AX20SISO_Ant1_2437



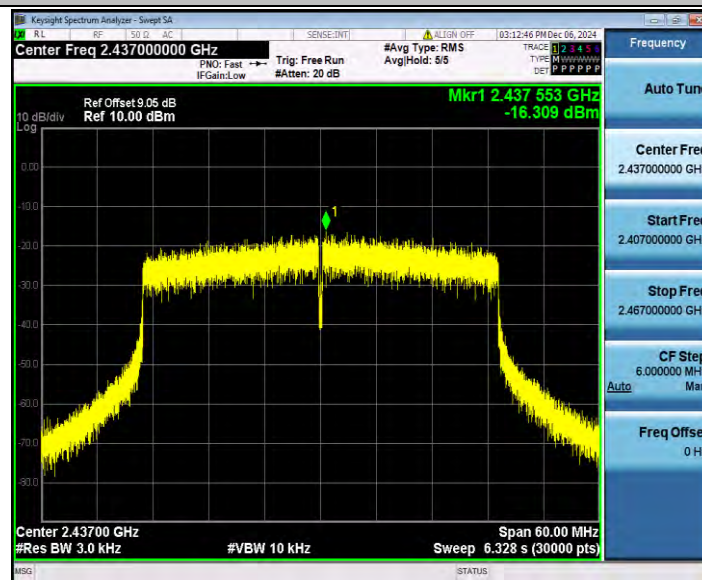
11AX20SISO_Ant1_2462



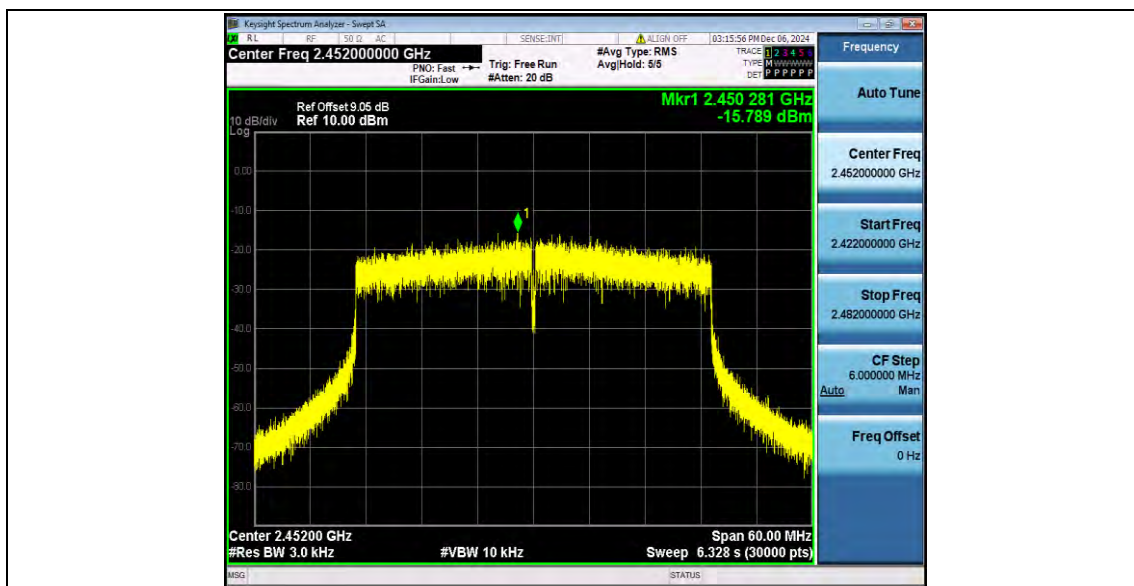
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

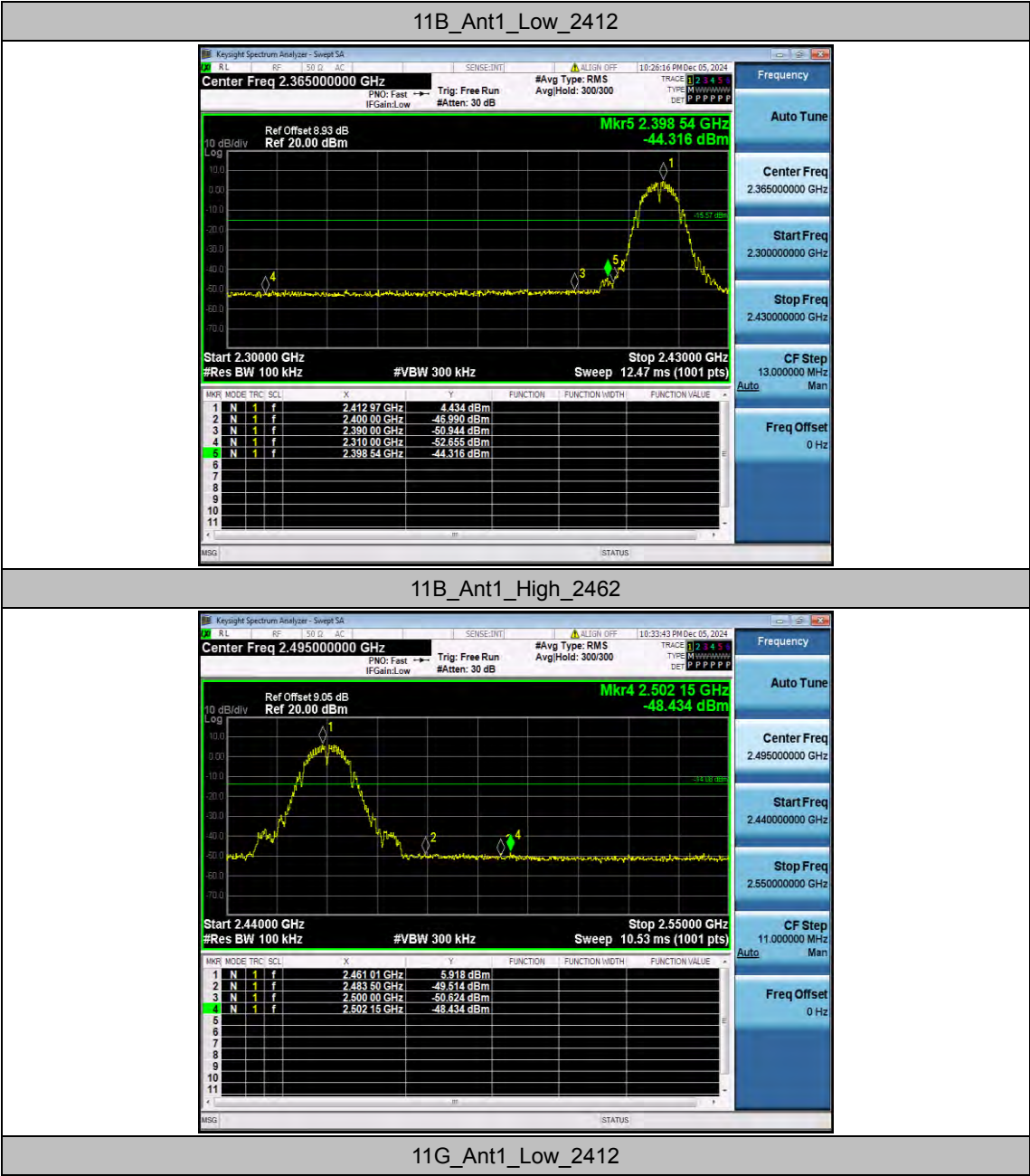


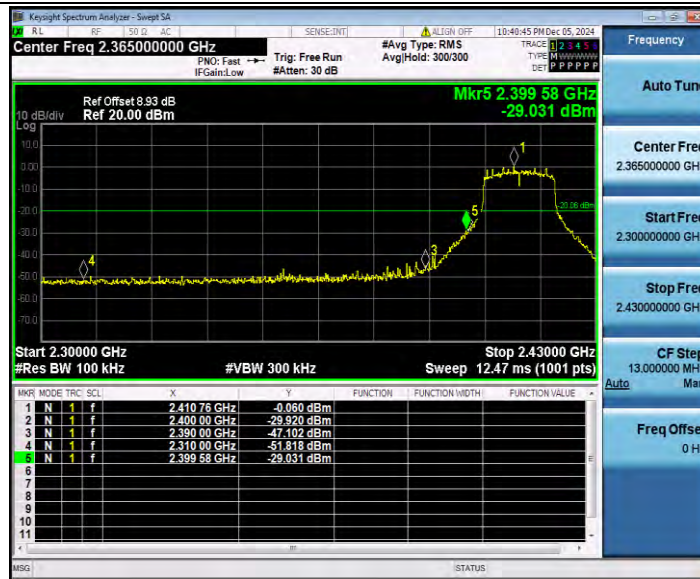
Appendix B.5: Band edge measurements

Test Result

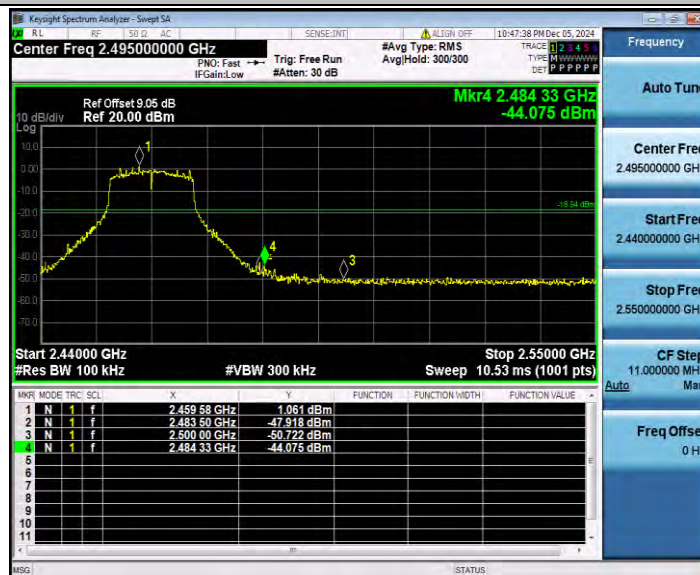
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.43	-44.32	≤ -15.57	PASS
		High	2462	5.92	-48.43	≤ -14.08	PASS
11G	Ant1	Low	2412	-0.06	-29.03	≤ -20.06	PASS
		High	2462	1.06	-44.08	≤ -18.94	PASS
11N20SISO	Ant1	Low	2412	1.46	-28.45	≤ -18.54	PASS
		High	2462	1.14	-44.64	≤ -18.86	PASS
11N40SISO	Ant1	Low	2422	-1.57	-33.8	≤ -21.57	PASS
		High	2452	-1.01	-46.68	≤ -21.01	PASS
11AX20SISO	Ant1	Low	2412	-0.57	-29.11	≤ -20.57	PASS
		High	2462	2.21	-46.06	≤ -17.79	PASS
11AX40SISO	Ant1	Low	2422	-2.49	-33.96	≤ -22.49	PASS
		High	2452	-1.43	-44.53	≤ -21.43	PASS

Test Graphs

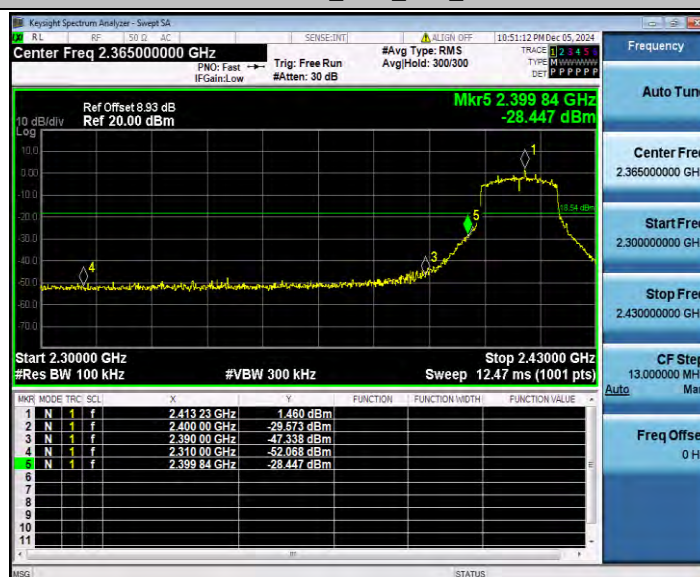




11G_Ant1_High_2462



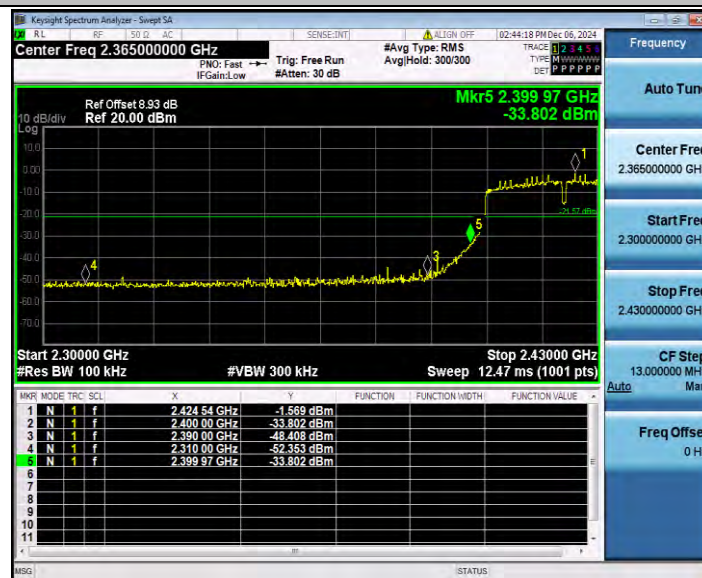
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462

