

Case No. : <u>GTS20251231004-2-03</u>
Ambient Condition: <u>22°C, 49%RH,</u>
Test Date: <u>2025.12.18-2026.4.01</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.200	2407.960	2416.160	0.5	PASS
		2437	8.240	2432.880	2441.120	0.5	PASS
		2462	8.240	2457.920	2466.160	0.5	PASS
11G	Ant1	2412	16.400	2403.840	2420.240	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	16.520	2453.720	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.800	2428.120	2445.920	0.5	PASS
		2462	17.720	2453.160	2470.880	0.5	PASS
11N40SISO	Ant1	2422	36.080	2404.160	2440.240	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.160	2433.920	2470.080	0.5	PASS
11AX20SISO	Ant1	2412	18.120	2403.280	2421.400	0.5	PASS
		2437	19.080	2427.480	2446.560	0.5	PASS
		2462	18.840	2452.680	2471.520	0.5	PASS
11AX40SISO	Ant1	2422	37.280	2403.520	2440.800	0.5	PASS
		2437	38.000	2418.200	2456.200	0.5	PASS
		2452	36.880	2433.760	2470.640	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



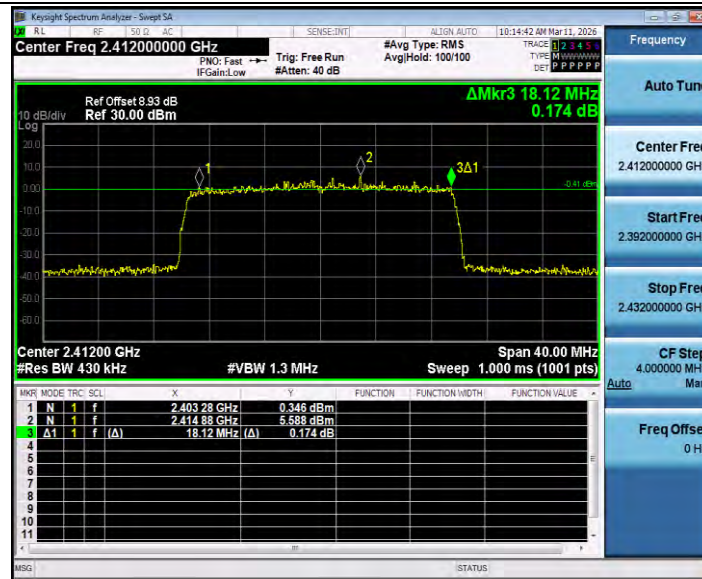
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



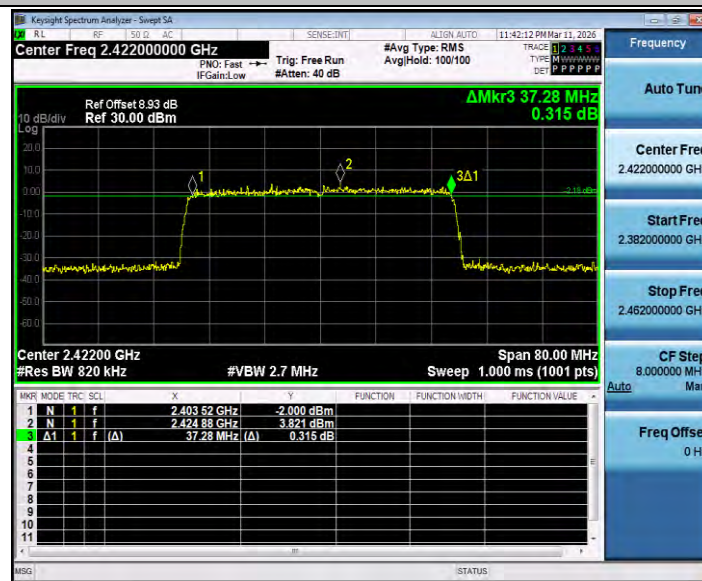
11AX20SISO_Ant1_2437



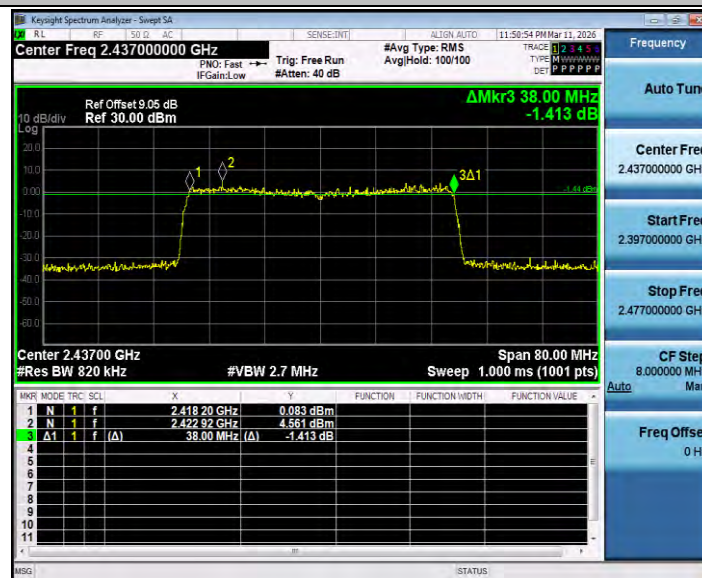
11AX20SISO_Ant1_2462



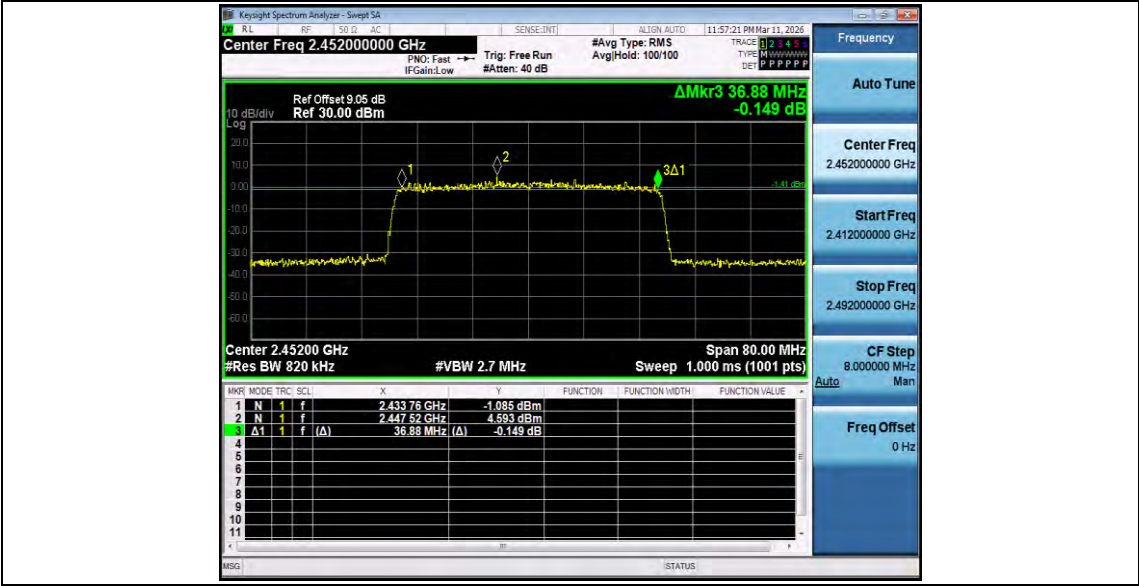
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



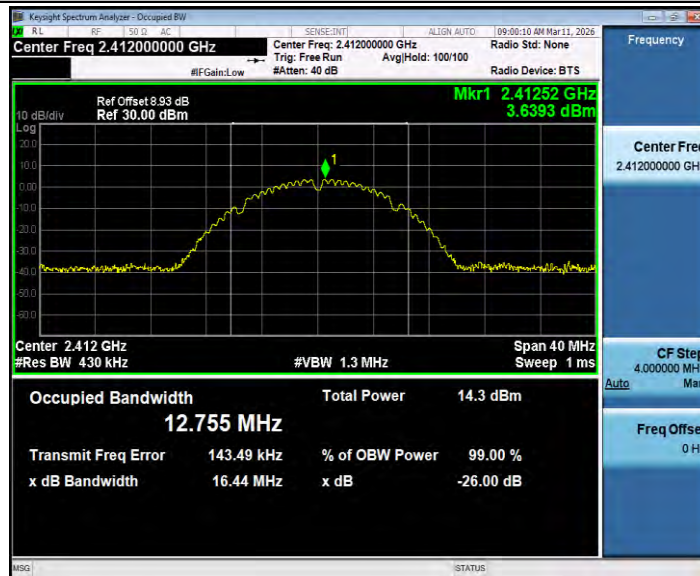
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.755	2405.7660	2418.5210	---	---
		2437	12.864	2430.5447	2443.4087	---	---
		2462	12.724	2455.6933	2468.4173	---	---
11G	Ant1	2412	17.329	2403.5330	2420.8620	---	---
		2437	17.203	2428.4165	2445.6195	---	---
		2462	17.716	2453.0852	2470.8012	---	---
11N20SISO	Ant1	2412	18.253	2403.0323	2421.2853	---	---
		2437	18.403	2427.8234	2446.2264	---	---
		2462	18.826	2452.5391	2471.3651	---	---
11N40SISO	Ant1	2422	36.618	2403.9121	2440.5301	---	---
		2437	36.989	2418.6841	2455.6731	---	---
		2452	36.939	2433.4196	2470.3586	---	---
11AX20SISO	Ant1	2412	18.871	2402.6265	2421.4975	---	---
		2437	19.234	2427.3993	2446.6333	---	---
		2462	19.175	2452.4046	2471.5796	---	---
11AX40SISO	Ant1	2422	37.774	2403.2047	2440.9787	---	---
		2437	38.159	2417.9704	2456.1294	---	---
		2452	37.790	2433.0929	2470.8829	---	---

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



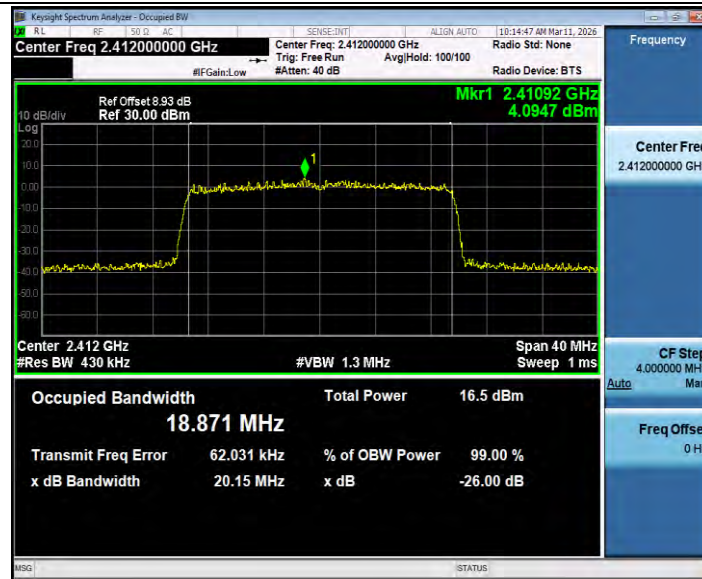
11N40SISO_Ant1_2437



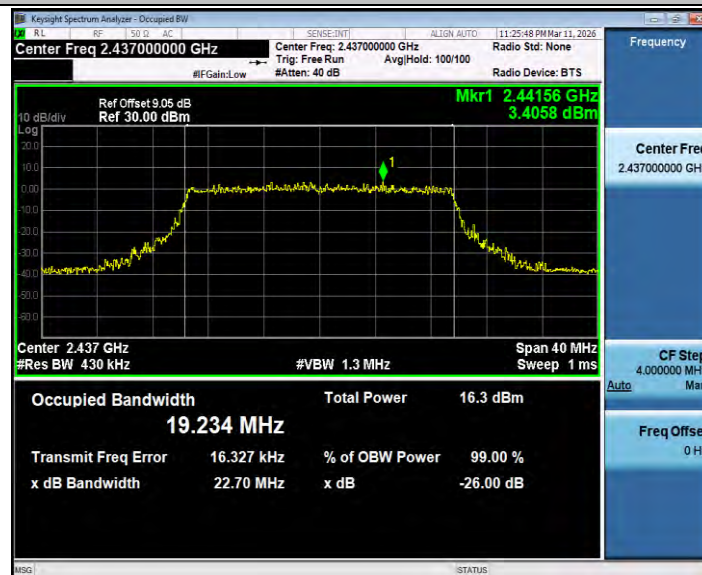
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



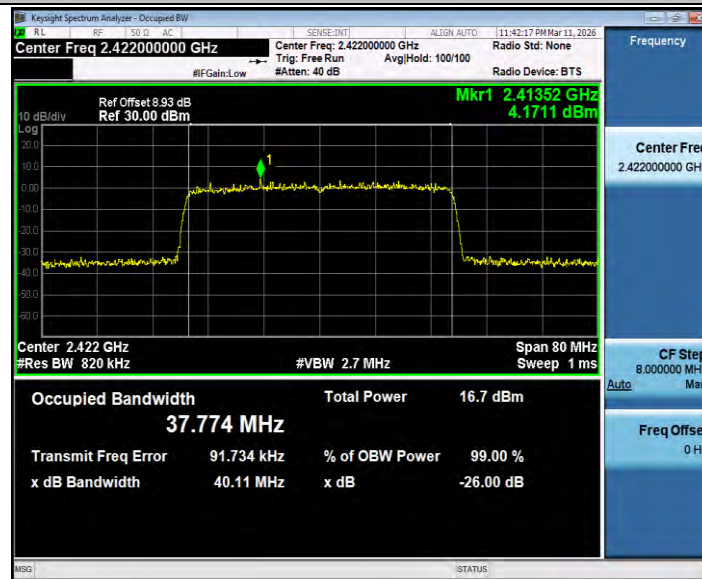
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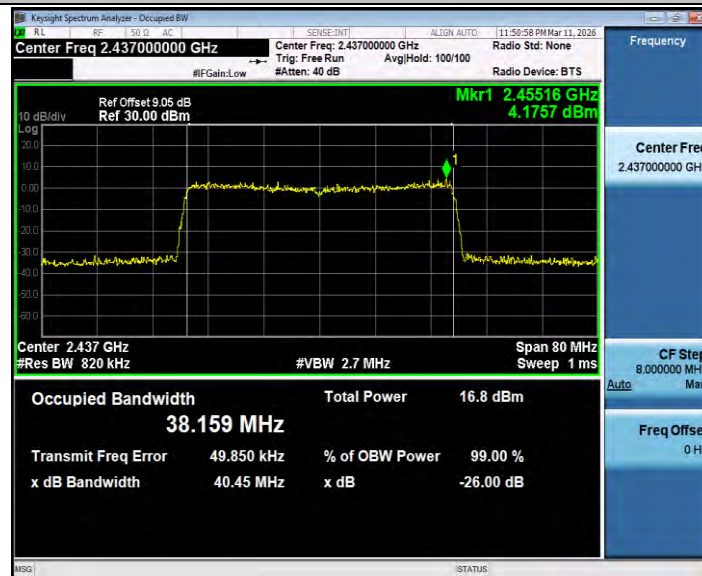
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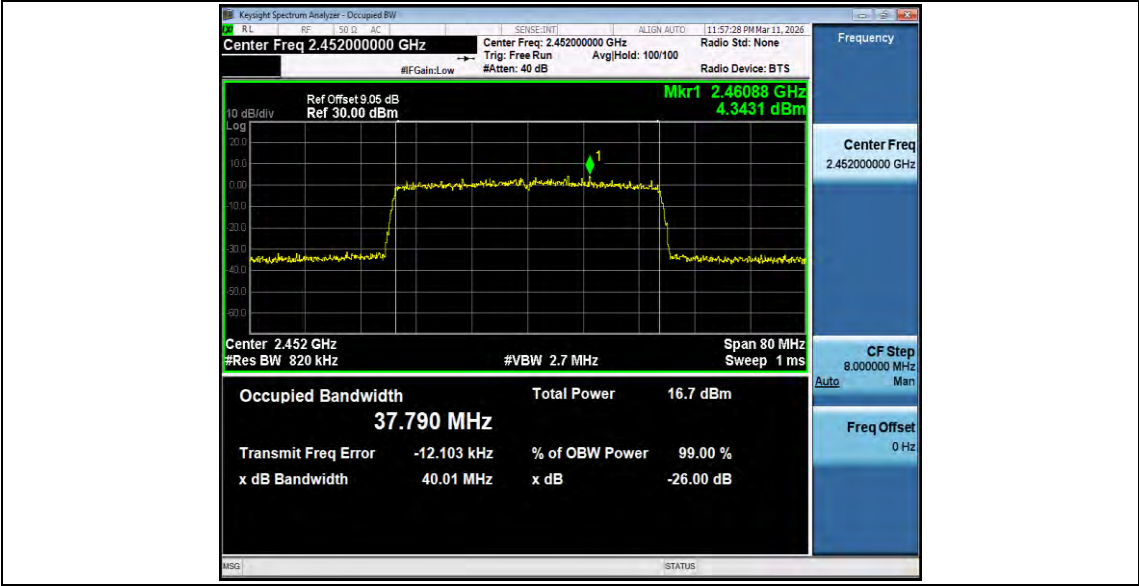
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.32	≤30.00	PASS
		2437	14.44	≤30.00	PASS
		2462	14.99	≤30.00	PASS
11G	Ant1	2412	14.77	≤30.00	PASS
		2437	15.37	≤30.00	PASS
		2462	15.10	≤30.00	PASS
11N20SISO	Ant1	2412	14.62	≤30.00	PASS
		2437	15.38	≤30.00	PASS
		2462	15.06	≤30.00	PASS
11N40SISO	Ant1	2422	16.17	≤30.00	PASS
		2437	16.02	≤30.00	PASS
		2452	16.35	≤30.00	PASS
11AX20SISO	Ant1	2412	17.29	≤30.00	PASS
		2437	17.03	≤30.00	PASS
		2462	16.83	≤30.00	PASS
11AX40SISO	Ant1	2422	16.76	≤30.00	PASS
		2437	17.11	≤30.00	PASS
		2452	16.86	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.17	≤8.00	PASS
		2437	-9.75	≤8.00	PASS
		2462	-9.26	≤8.00	PASS
11G	Ant1	2412	-16.78	≤8.00	PASS
		2437	-16.09	≤8.00	PASS
		2462	-17.13	≤8.00	PASS
11N20SISO	Ant1	2412	-16.42	≤8.00	PASS
		2437	-16.57	≤8.00	PASS
		2462	-17.49	≤8.00	PASS
11N40SISO	Ant1	2422	-18.53	≤8.00	PASS
		2437	-18.80	≤8.00	PASS
		2452	-17.26	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.51	≤8.00	PASS
		2437	-15.79	≤8.00	PASS
		2462	-16.01	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.09	≤8.00	PASS
		2437	-18.34	≤8.00	PASS
		2452	-19.21	≤8.00	PASS

Test Graphs

11B_Ant1_2412



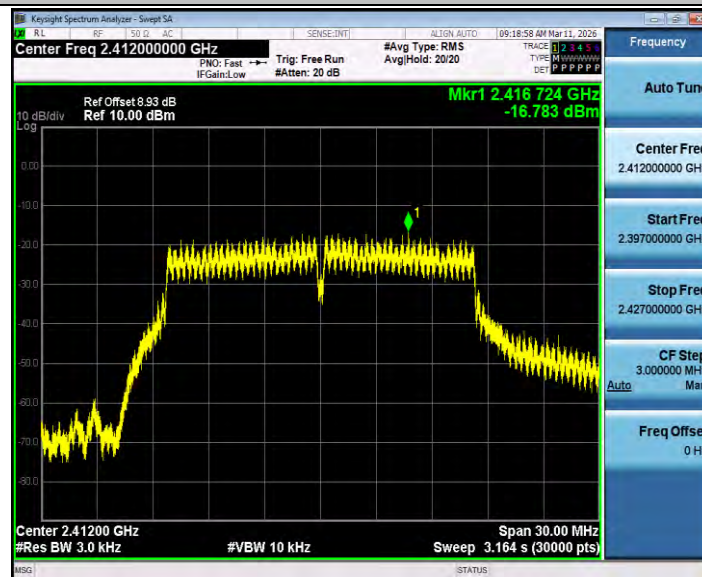
11B_Ant1_2437



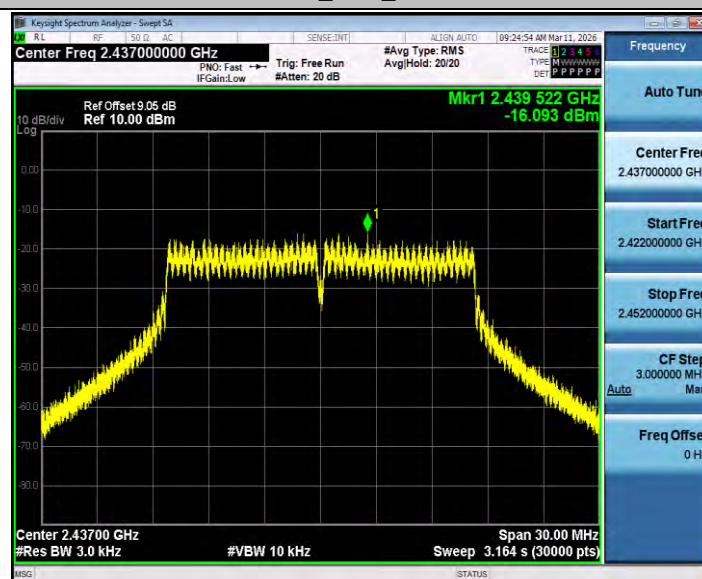
11B_Ant1_2462



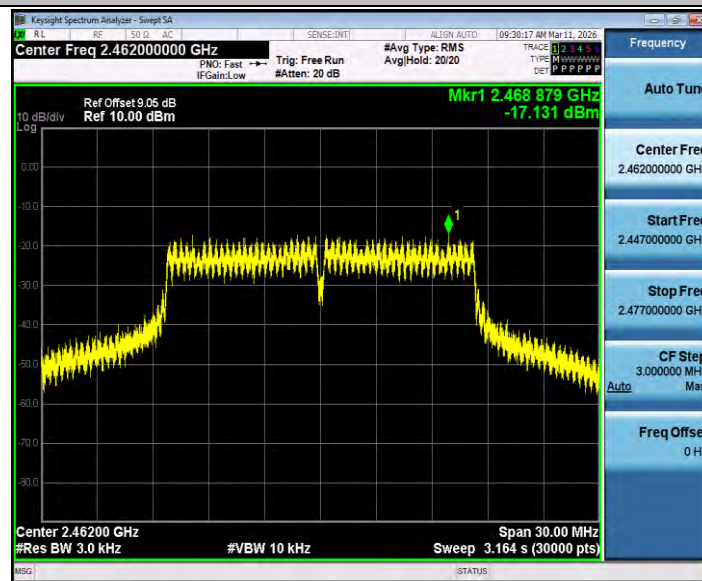
11G_Ant1_2412



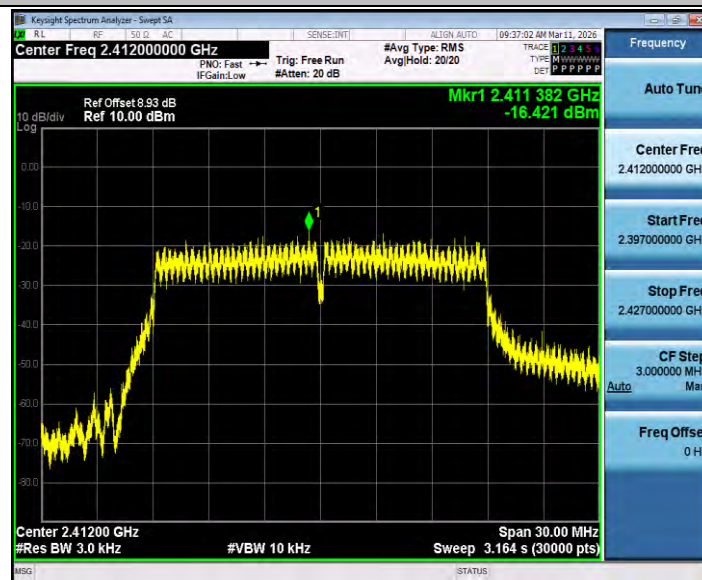
11G_Ant1_2437



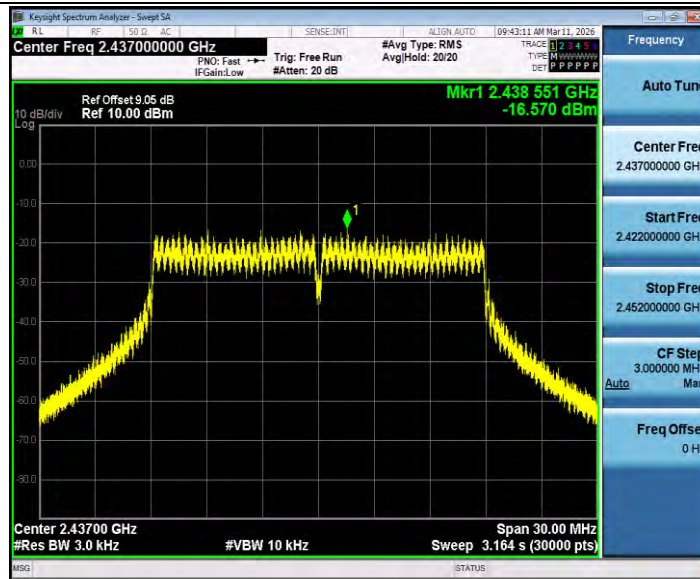
11G_Ant1_2462



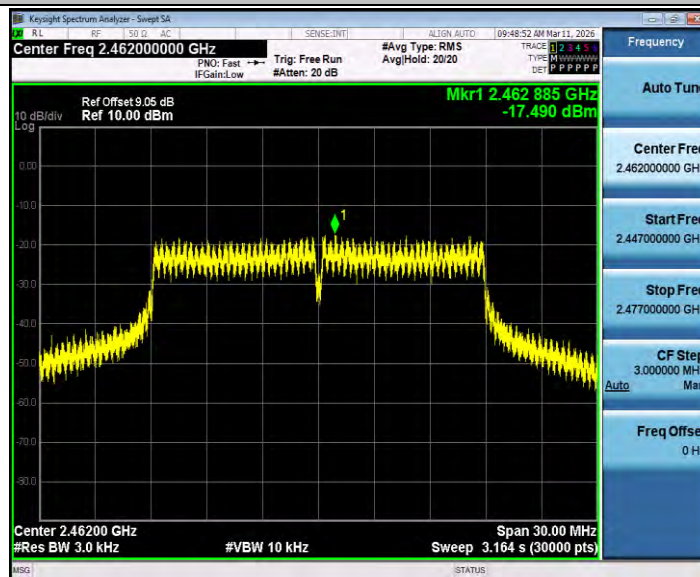
11N20SISO_Ant1_2412



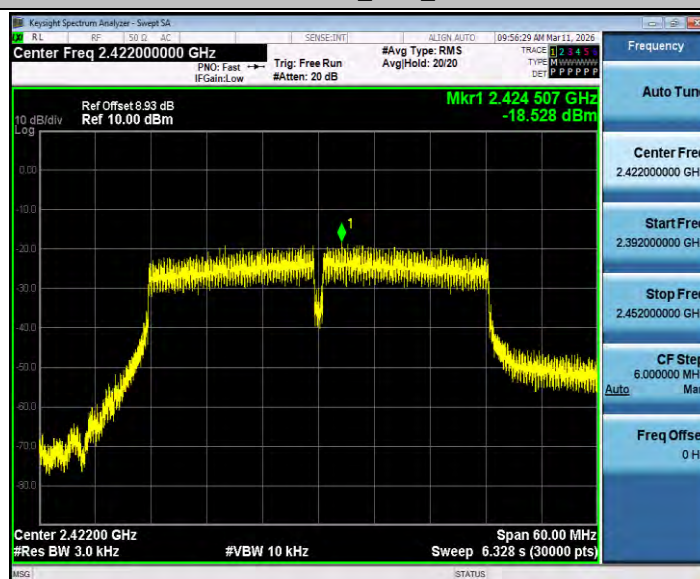
11N20SISO_Ant1_2437



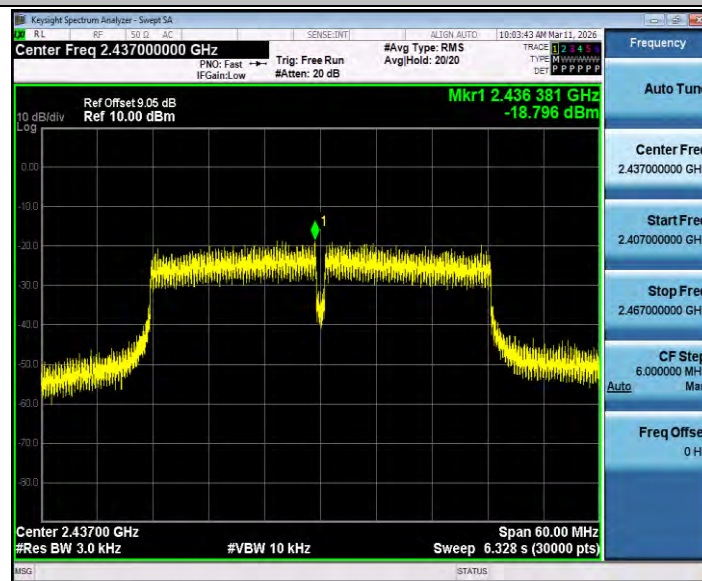
11N20SISO_Ant1_2462



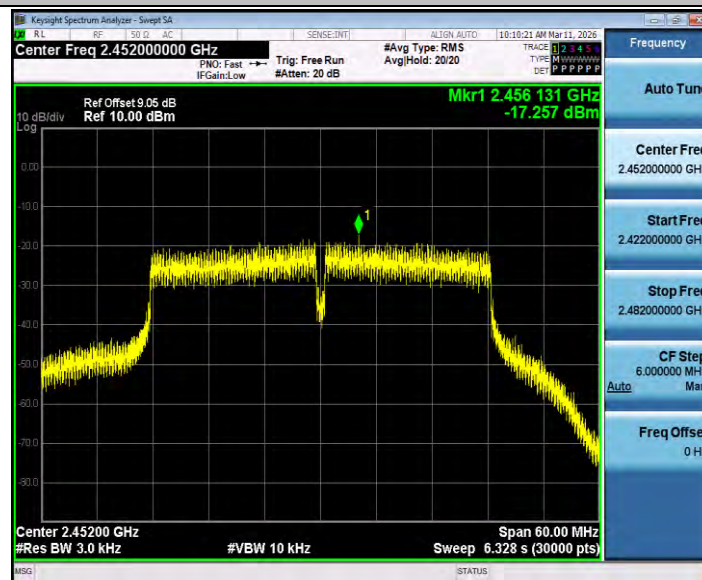
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



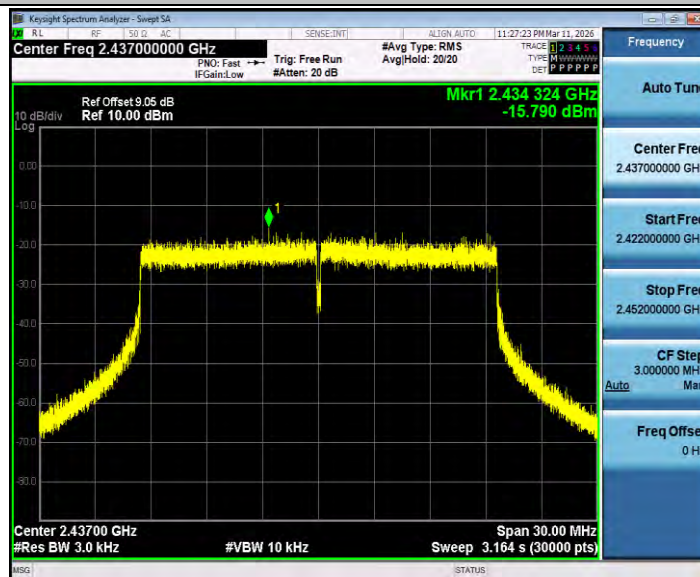
11N40SISO_Ant1_2452



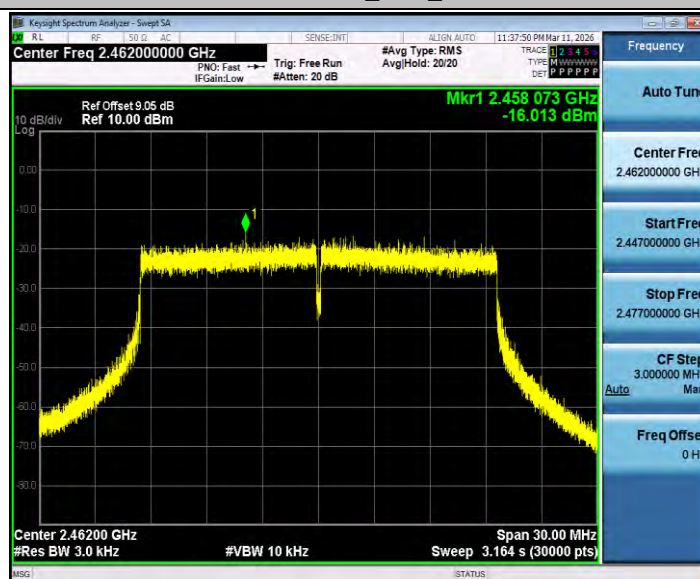
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



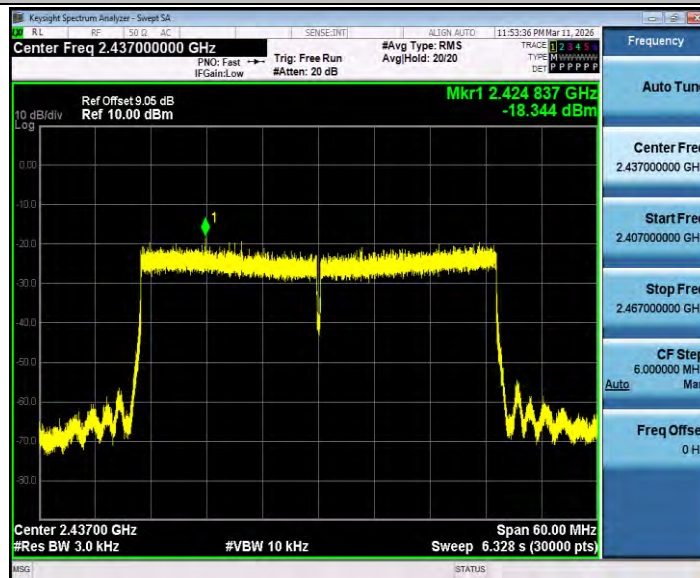
11AX20SISO_Ant1_2462



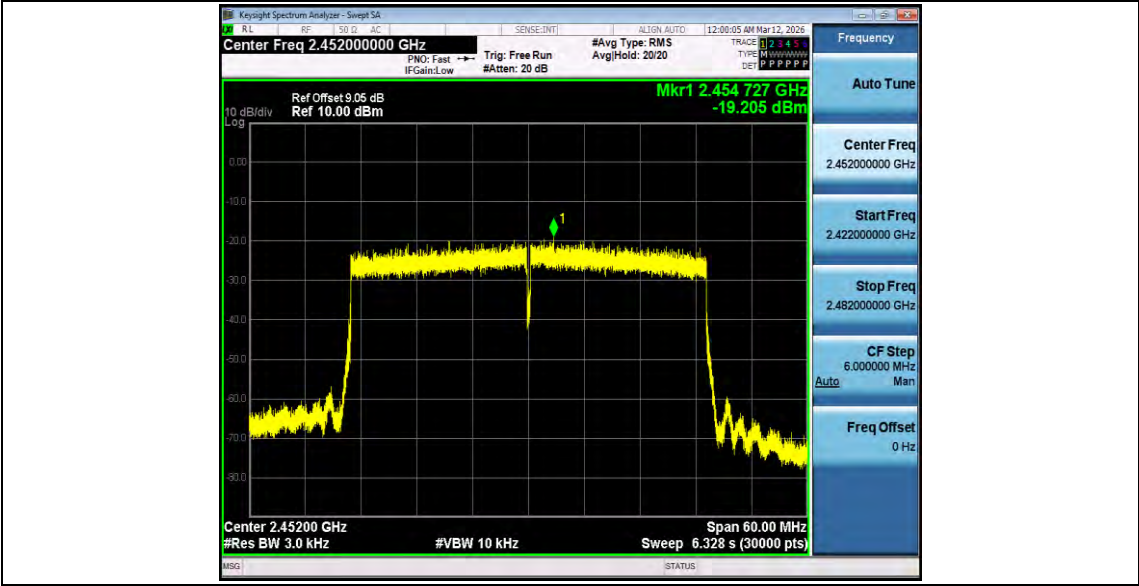
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



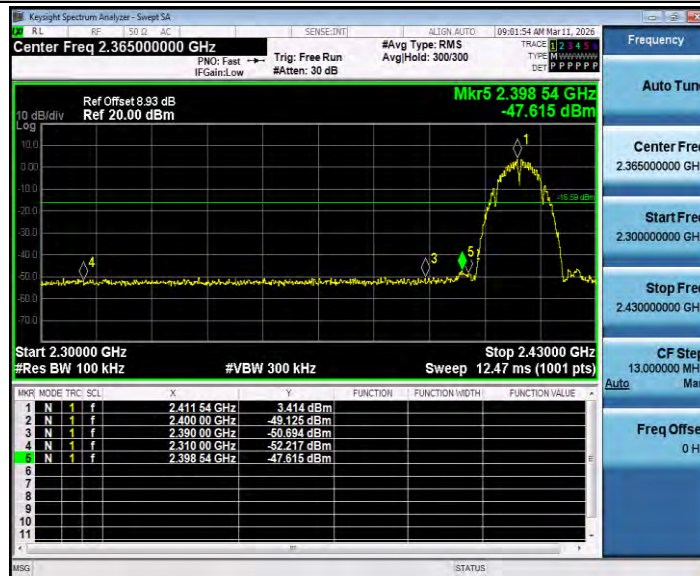
Appendix C.5:Band edge measurements

Test Result

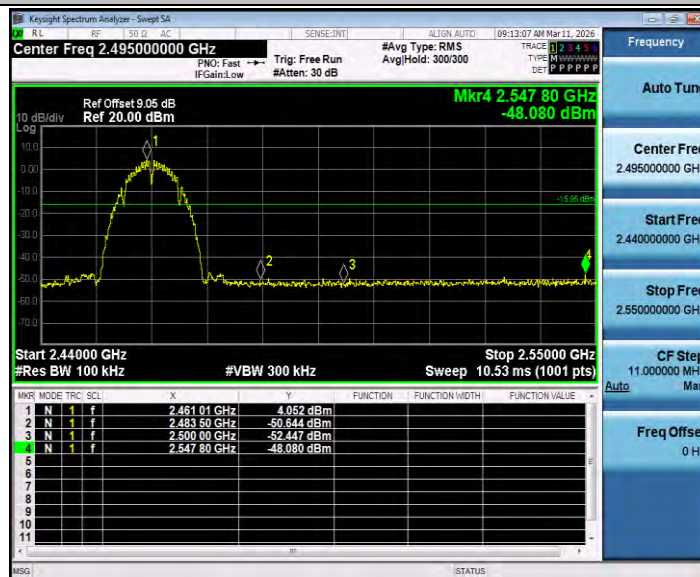
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.41	-47.62	≤ -16.59	PASS
		High	2462	4.05	-48.08	≤ -15.95	PASS
11G	Ant1	Low	2412	-5.66	-45.59	≤ -25.66	PASS
		High	2462	-5.69	-49.46	≤ -25.69	PASS
11N20SISO	Ant1	Low	2412	-6.06	-45.5	≤ -26.06	PASS
		High	2462	-5.45	-49.49	≤ -25.45	PASS
11N40SISO	Ant1	Low	2422	-7.37	-40.13	≤ -27.37	PASS
		High	2452	-7.51	-49.42	≤ -27.51	PASS
11AX20SISO	Ant1	Low	2412	-3.49	-45.32	≤ -23.49	PASS
		High	2462	-3.19	-49.63	≤ -23.19	PASS
11AX40SISO	Ant1	Low	2422	-7.07	-47.04	≤ -27.07	PASS
		High	2452	-7.22	-48.83	≤ -27.22	PASS

Test Graphs

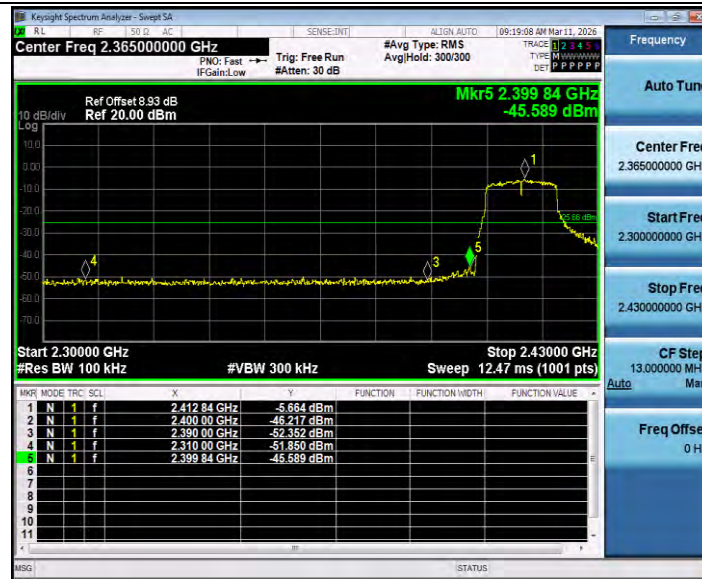
11B_Ant1_Low_2412



11B_Ant1_High_2462



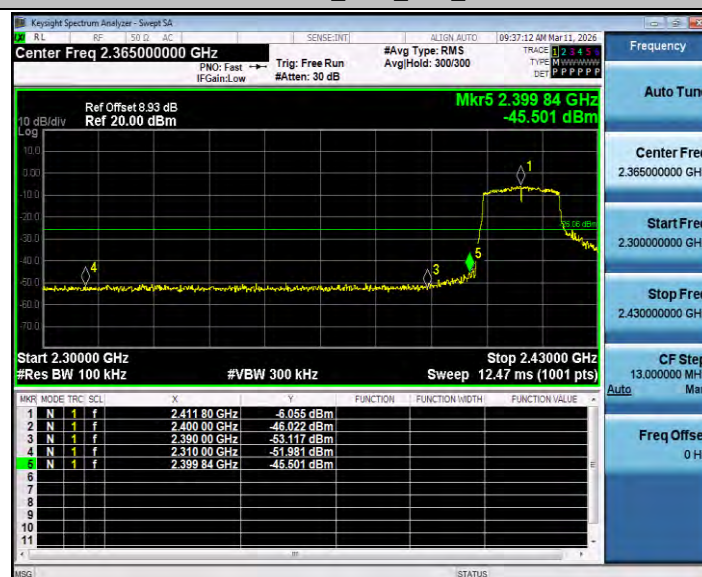
11G_Ant1_Low_2412

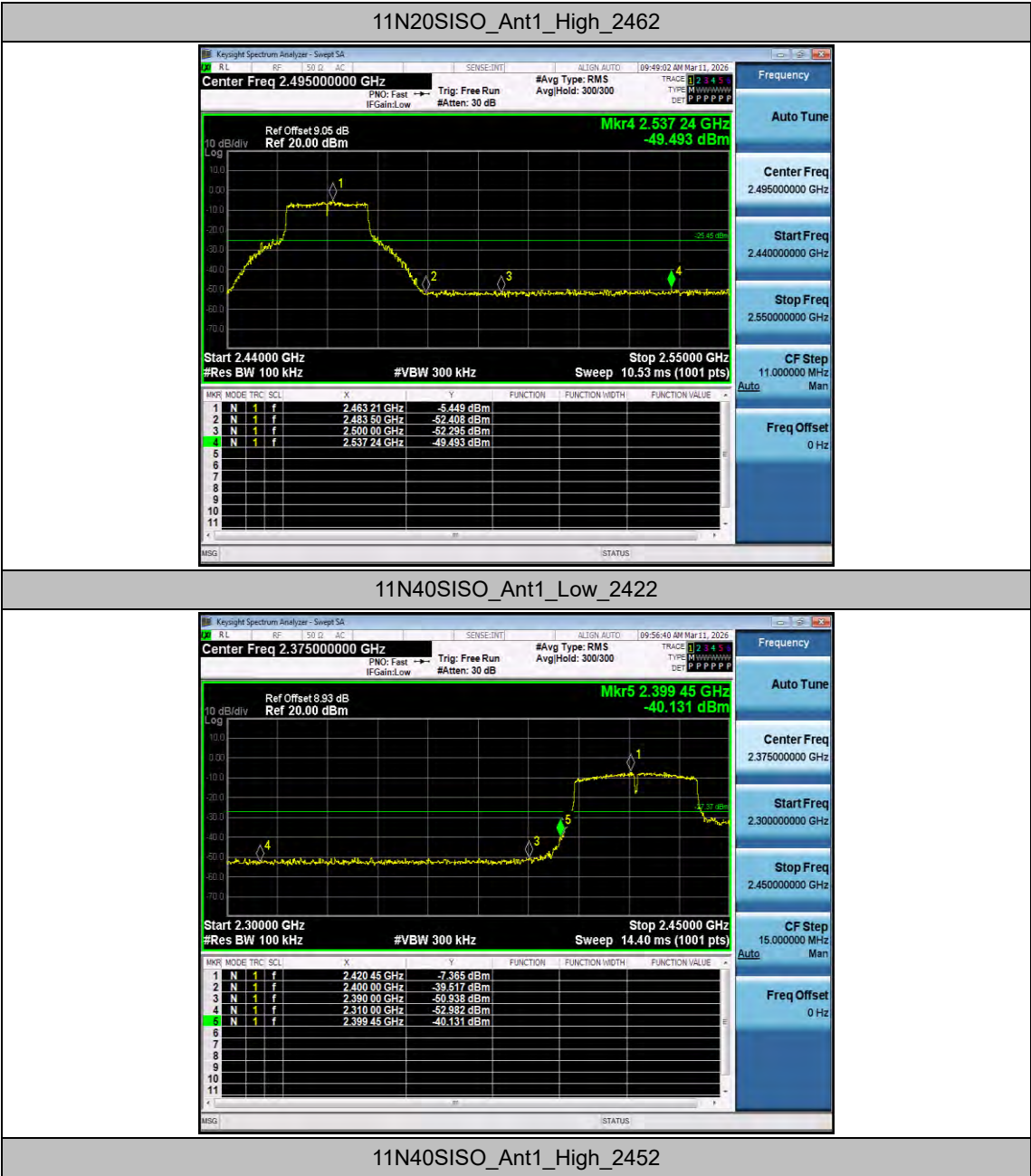


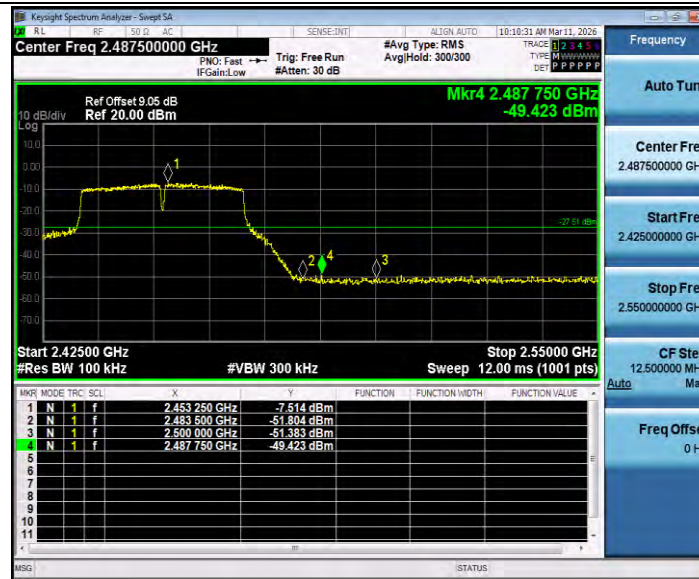
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



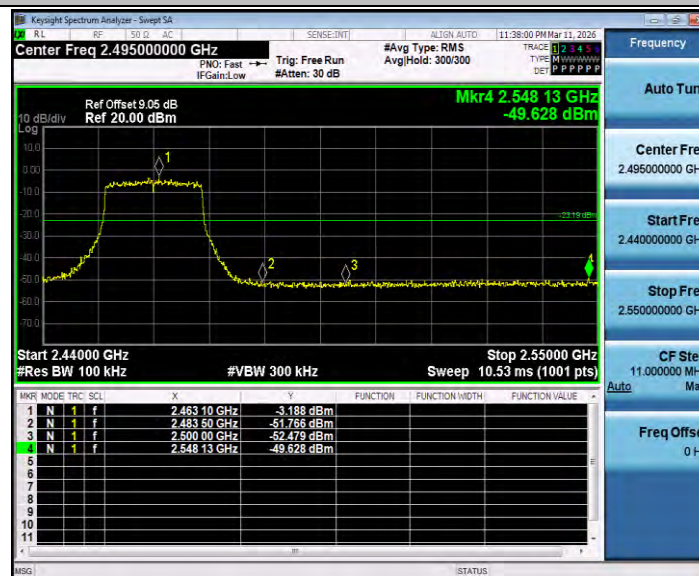




11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

