

Case No. : <u>GTS20260316016-1-13</u>
Ambient Condition: <u>24 °C, 46%RH,</u>
Test Date: <u>2026.7.10-2026.7.28</u> Test Engineer: <u>Evan ouyang</u>

AppendixC.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.280	2407.360	2416.640	0.5	PASS
		2437	9.280	2432.360	2441.640	0.5	PASS
		2462	9.280	2457.360	2466.640	0.5	PASS
11G	Ant1	2412	16.240	2403.800	2420.040	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	16.200	2453.880	2470.080	0.5	PASS
11N20SISO	Ant1	2412	17.440	2403.240	2420.680	0.5	PASS
		2437	17.480	2428.200	2445.680	0.5	PASS
		2462	17.480	2453.280	2470.760	0.5	PASS
11N40SISO	Ant1	2422	36.160	2404.000	2440.160	0.5	PASS
		2437	36.080	2418.920	2455.000	0.5	PASS
		2452	35.840	2434.080	2469.920	0.5	PASS
11AX20SISO	Ant1	2412	18.960	2402.480	2421.440	0.5	PASS
		2437	18.680	2427.560	2446.240	0.5	PASS
		2462	18.720	2452.720	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	37.120	2403.440	2440.560	0.5	PASS
		2437	37.040	2418.520	2455.560	0.5	PASS
		2452	36.960	2433.440	2470.400	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



11N40SISO_Ant1_2422



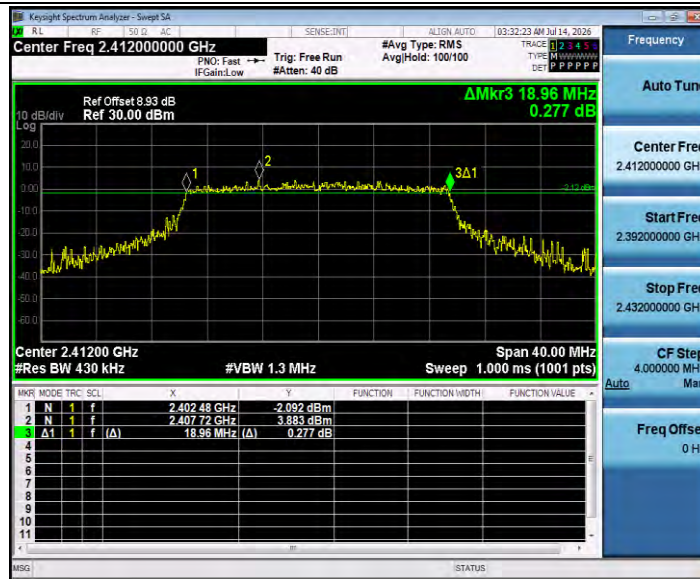
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



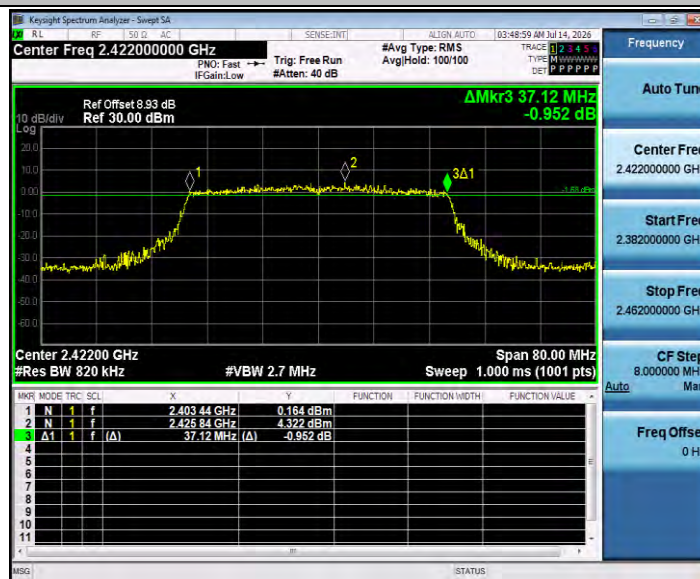
11AX20SISO_Ant1_2437



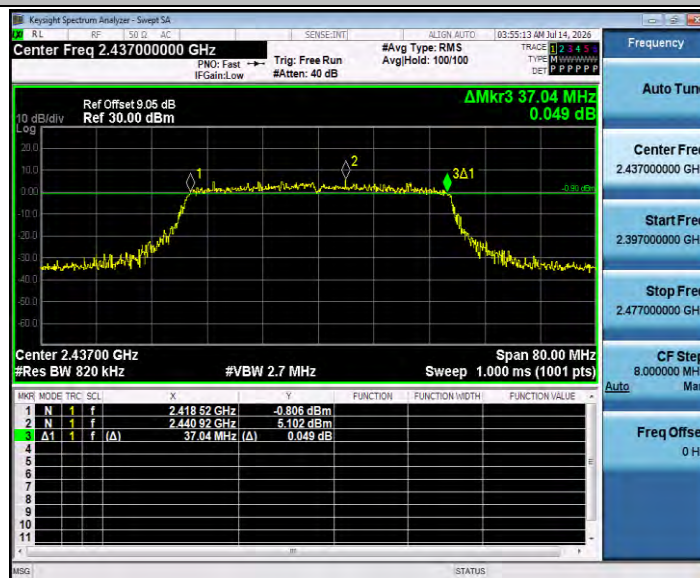
11AX20SISO_Ant1_2462



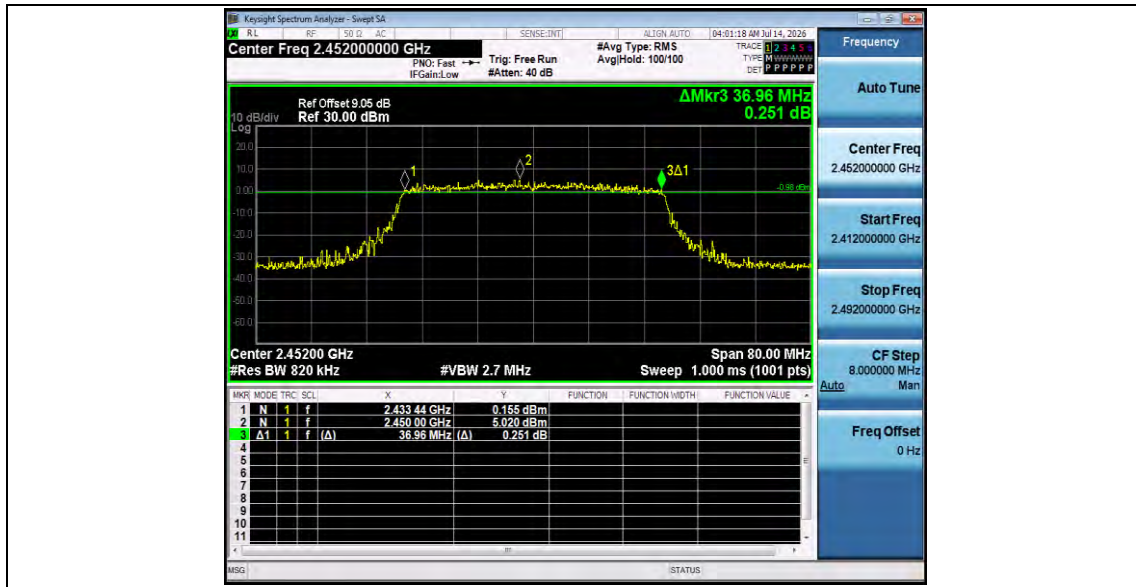
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



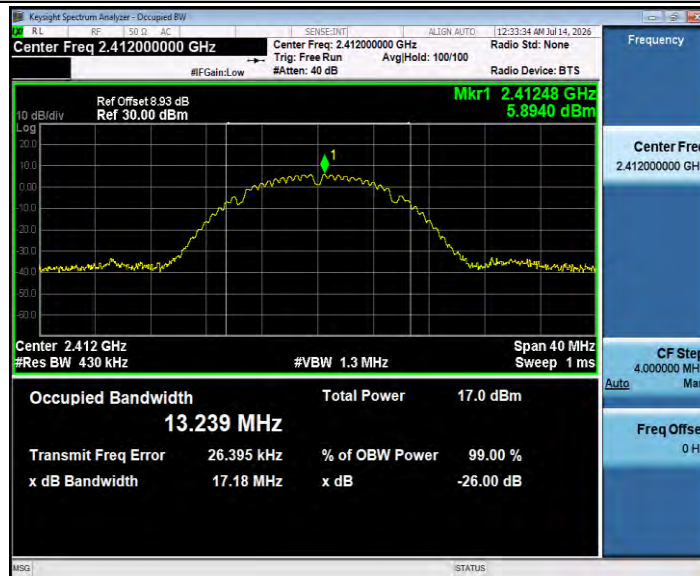
AppendixC.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.239	2405.4069	2418.6459	---	---
		2437	13.273	2430.3943	2443.6673	---	---
		2462	13.380	2455.3177	2468.6977	---	---
11G	Ant1	2412	17.339	2403.3299	2420.6689	---	---
		2437	17.385	2428.2953	2445.6803	---	---
		2462	17.240	2453.3241	2470.5641	---	---
11N20SISO	Ant1	2412	18.443	2402.7181	2421.1611	---	---
		2437	18.492	2427.7128	2446.2048	---	---
		2462	18.516	2452.6539	2471.1699	---	---
11N40SISO	Ant1	2422	36.772	2403.5643	2440.3363	---	---
		2437	36.844	2418.6087	2455.4527	---	---
		2452	36.659	2433.6579	2470.3169	---	---
11AX20SISO	Ant1	2412	19.192	2402.3954	2421.5874	---	---
		2437	19.194	2427.3999	2446.5939	---	---
		2462	19.234	2452.3682	2471.6022	---	---
11AX40SISO	Ant1	2422	37.989	2402.9819	2440.9709	---	---
		2437	38.012	2418.0297	2456.0417	---	---
		2452	37.935	2432.9641	2470.8991	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2462



11N20SISO_Ant1_2412



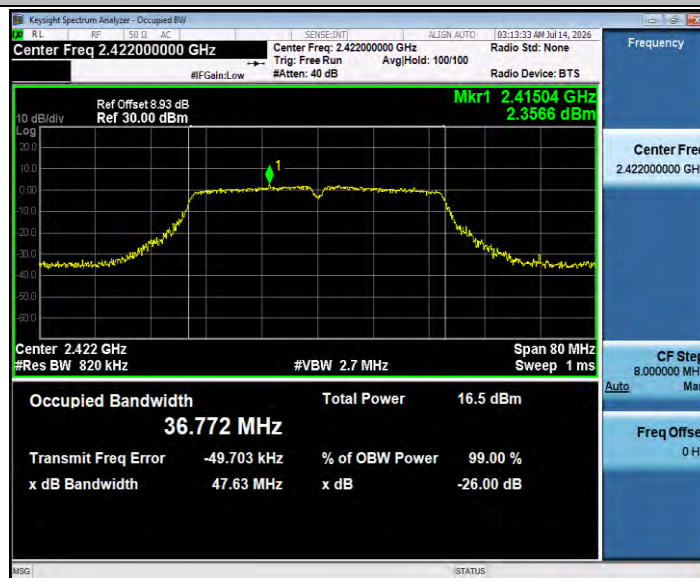
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



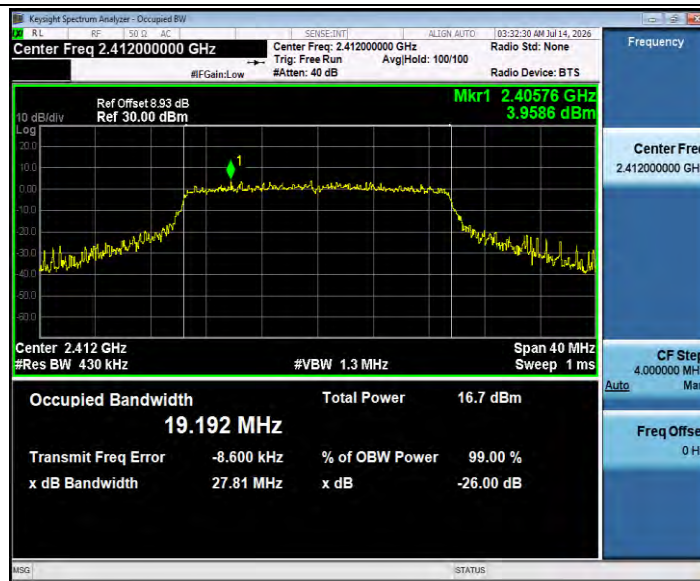
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



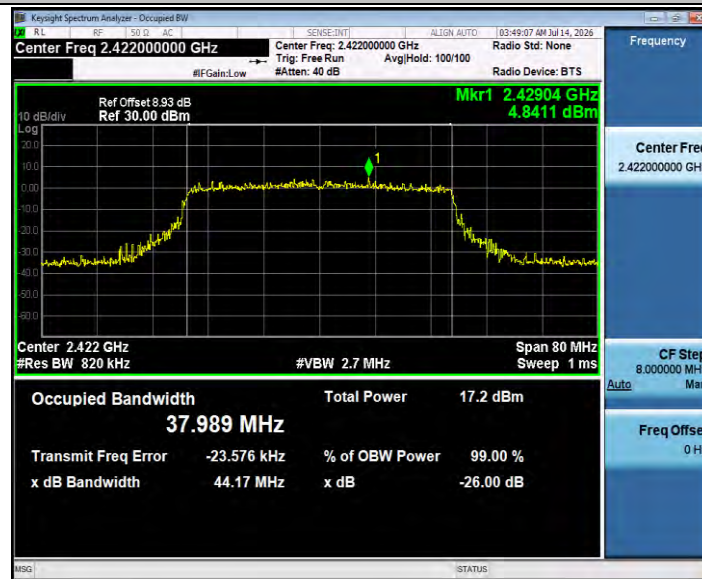
11AX20SISO_Ant1_2437



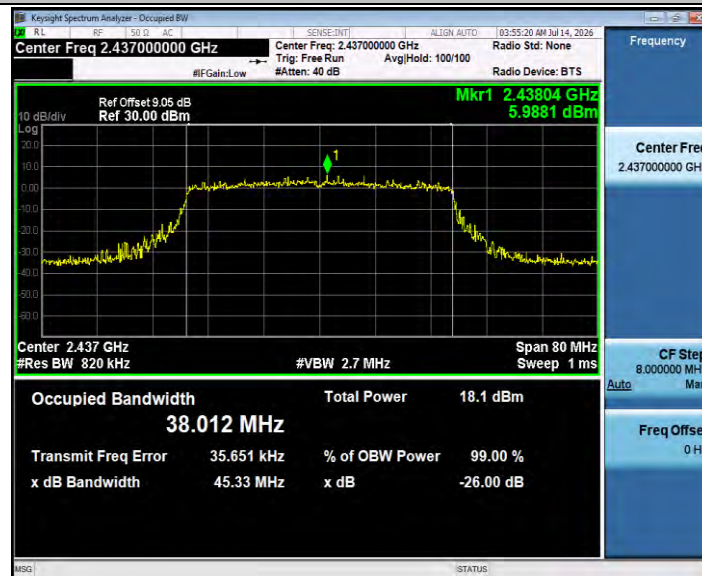
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixC.3: Maximum conducted output power

Test Result

DC 24V:

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.08	≤30.00	PASS
		2437	17.44	≤30.00	PASS
		2462	18.42	≤30.00	PASS
11G	Ant1	2412	16.85	≤30.00	PASS
		2437	17.65	≤30.00	PASS
		2462	18.41	≤30.00	PASS
11N20SISO	Ant1	2412	16.89	≤30.00	PASS
		2437	17.65	≤30.00	PASS
		2462	18.45	≤30.00	PASS
11N40SISO	Ant1	2422	16.83	≤30.00	PASS
		2437	17.75	≤30.00	PASS
		2452	17.65	≤30.00	PASS
11AX20SISO	Ant1	2412	17.49	≤30.00	PASS
		2437	18.22	≤30.00	PASS
		2462	18.87	≤30.00	PASS
11AX40SISO	Ant1	2422	17.28	≤30.00	PASS
		2437	18.20	≤30.00	PASS
		2452	18.09	≤30.00	PASS

DC 55V(PoE++):

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.67	≤30.00	PASS
		2437	17.02	≤30.00	PASS
		2462	18.15	≤30.00	PASS
11G	Ant1	2412	16.33	≤30.00	PASS
		2437	17.42	≤30.00	PASS
		2462	18.21	≤30.00	PASS
11N20SISO	Ant1	2412	16.63	≤30.00	PASS
		2437	17.28	≤30.00	PASS
		2462	18.15	≤30.00	PASS
11N40SISO	Ant1	2422	16.53	≤30.00	PASS
		2437	17.32	≤30.00	PASS
		2452	17.25	≤30.00	PASS
11AX20SISO	Ant1	2412	17.13	≤30.00	PASS
		2437	18.01	≤30.00	PASS
		2462	18.33	≤30.00	PASS
11AX40SISO	Ant1	2422	16.89	≤30.00	PASS
		2437	17.67	≤30.00	PASS
		2452	17.72	≤30.00	PASS

AppendixC.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.38	≤8.00	PASS
		2437	-6.98	≤8.00	PASS
		2462	-6.93	≤8.00	PASS
11G	Ant1	2412	-14.89	≤8.00	PASS
		2437	-14.26	≤8.00	PASS
		2462	-13.82	≤8.00	PASS
11N20SISO	Ant1	2412	-15.05	≤8.00	PASS
		2437	-14.18	≤8.00	PASS
		2462	-13.68	≤8.00	PASS
11N40SISO	Ant1	2422	-18.39	≤8.00	PASS
		2437	-16.57	≤8.00	PASS
		2452	-17.25	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.15	≤8.00	PASS
		2437	-14.92	≤8.00	PASS
		2462	-14.02	≤8.00	PASS
11AX40SISO	Ant1	2422	-18.22	≤8.00	PASS
		2437	-17.80	≤8.00	PASS
		2452	-17.73	≤8.00	PASS

Test Graphs

11B_Ant1_2412



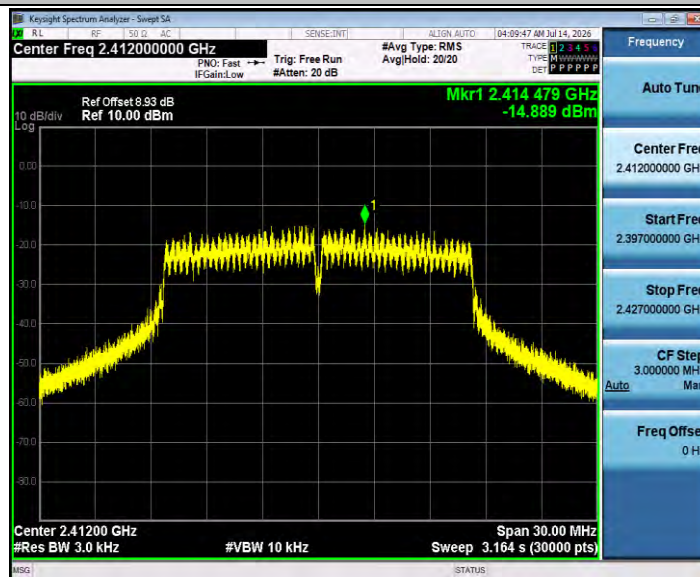
11B_Ant1_2437



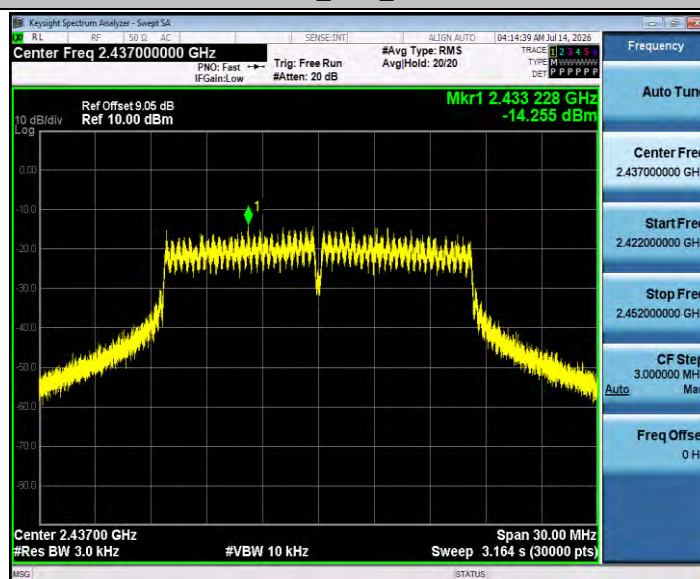
11B_Ant1_2462



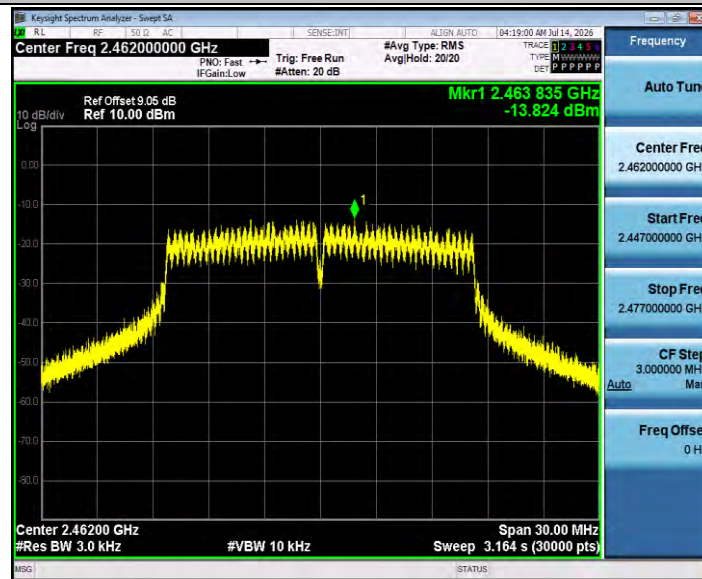
11G_Ant1_2412



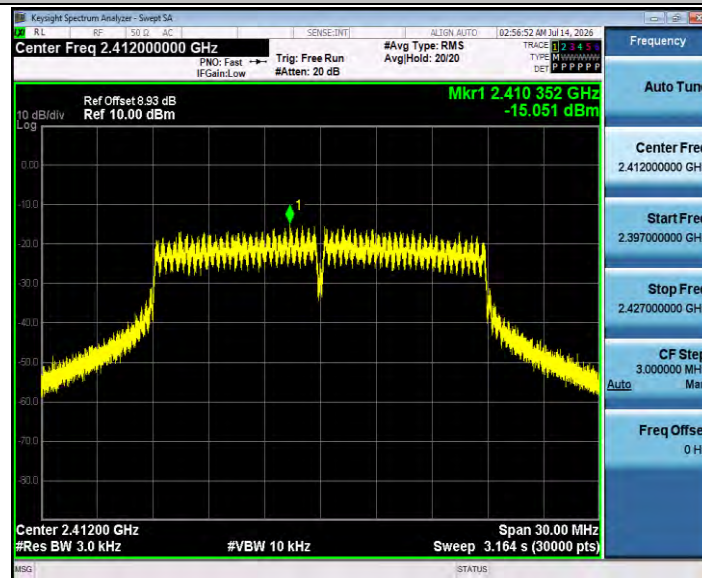
11G_Ant1_2437



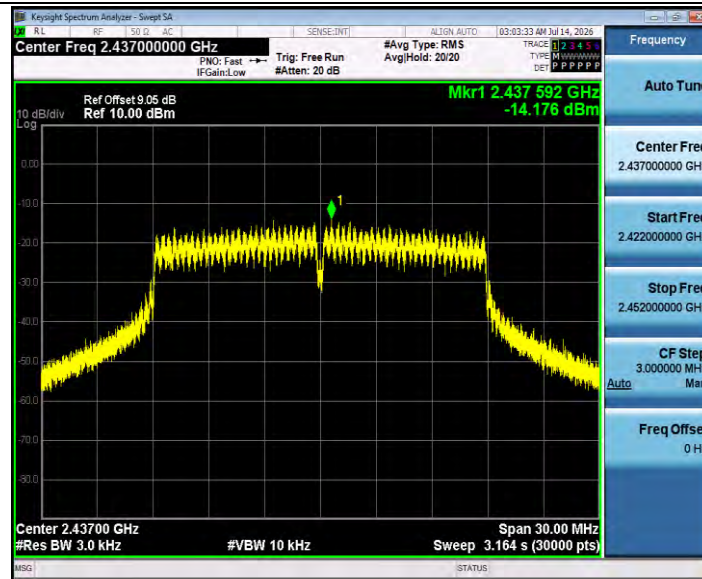
11G_Ant1_2462



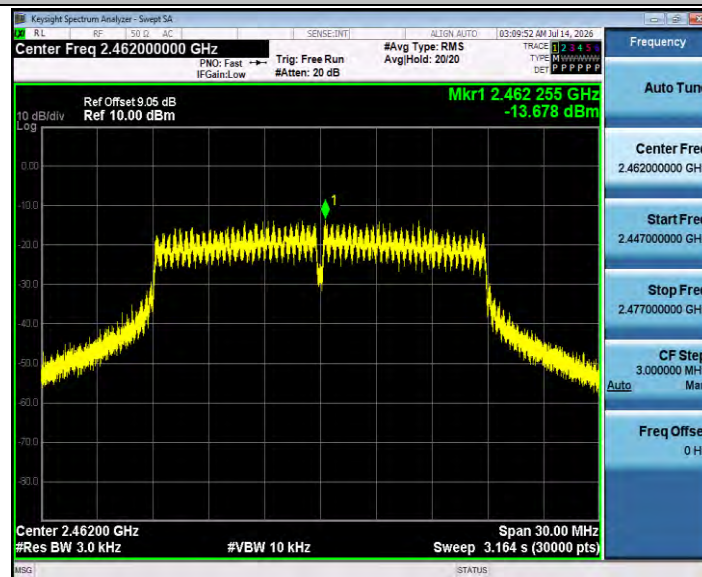
11N20SISO_Ant1_2412



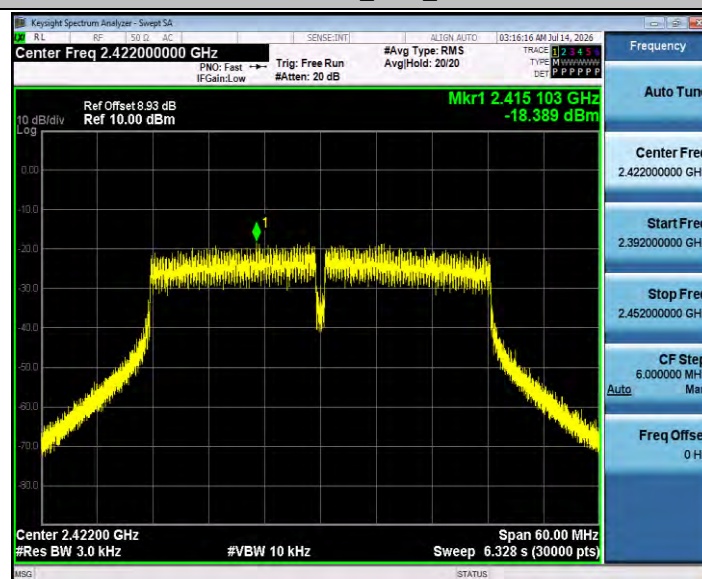
11N20SISO_Ant1_2437



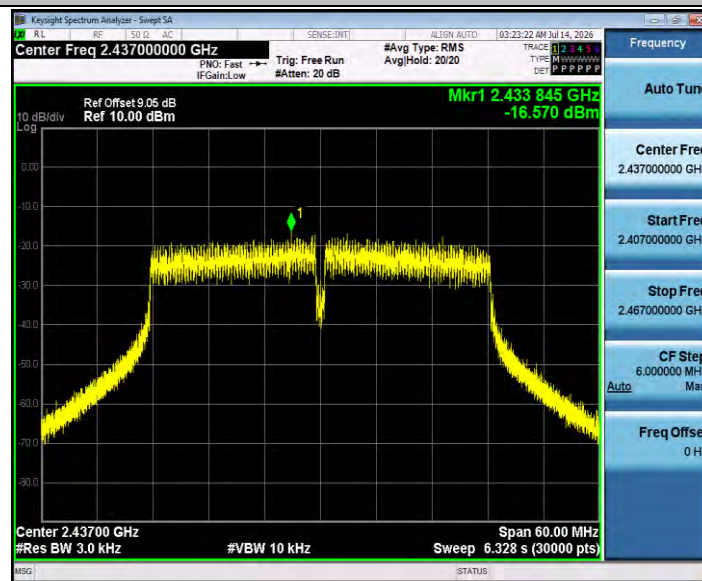
11N20SISO_Ant1_2462



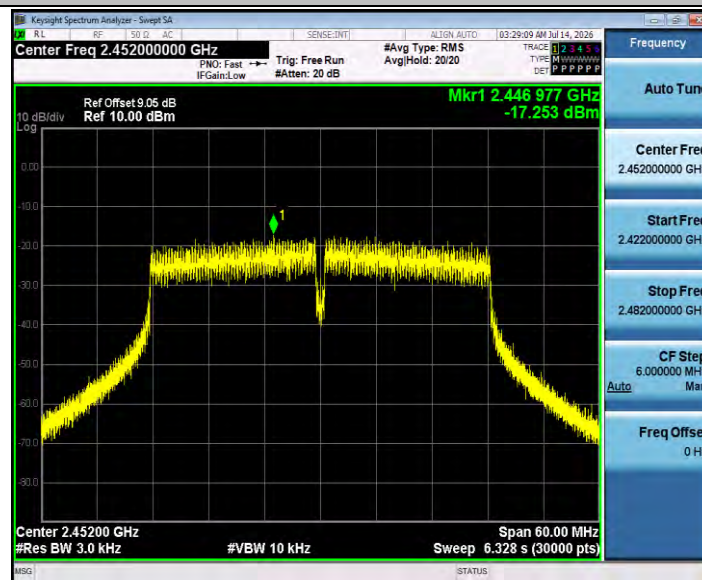
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



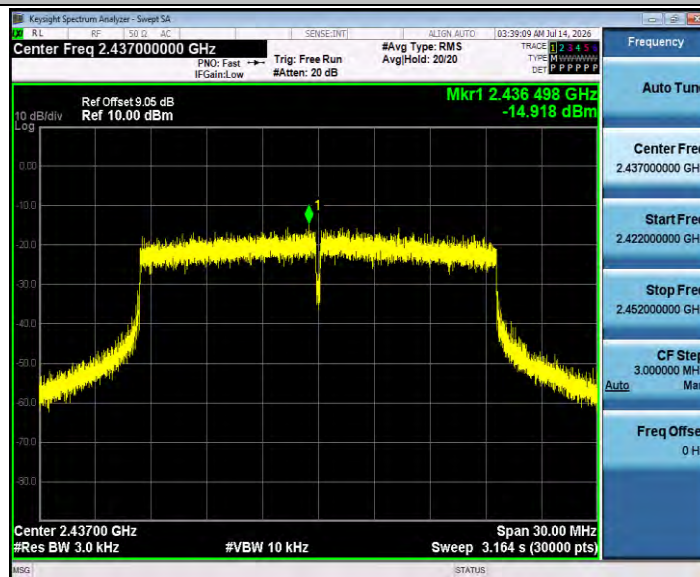
11N40SISO_Ant1_2452



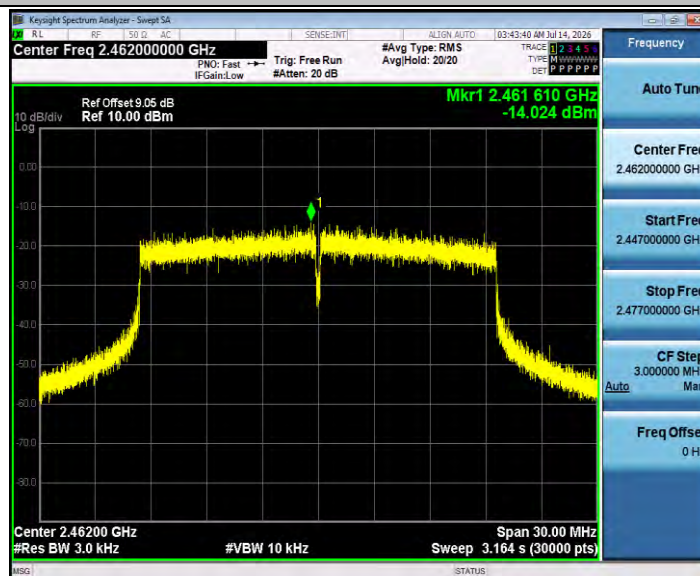
11AX20SISO_Ant1_2412



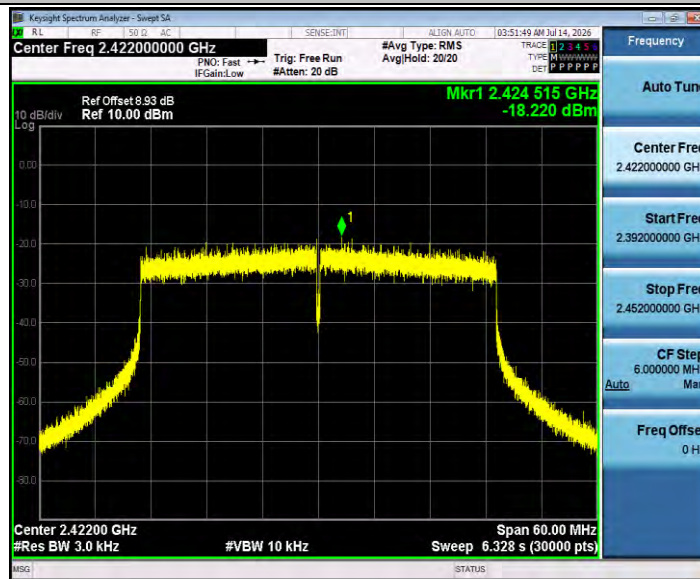
11AX20SISO_Ant1_2437



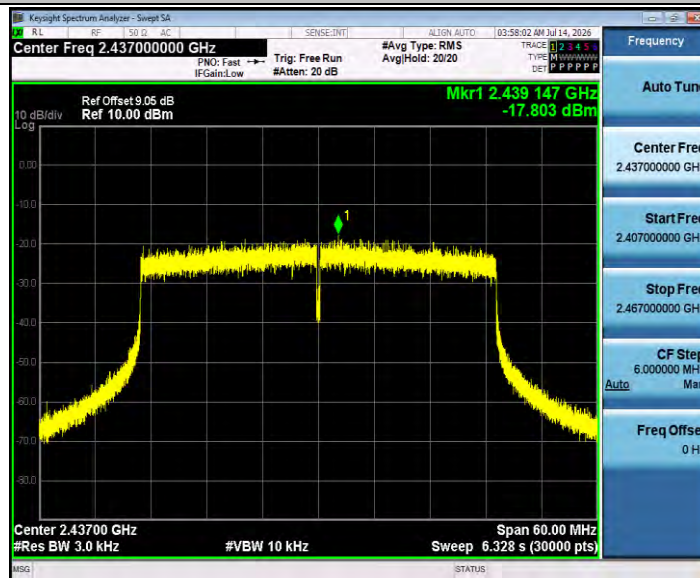
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



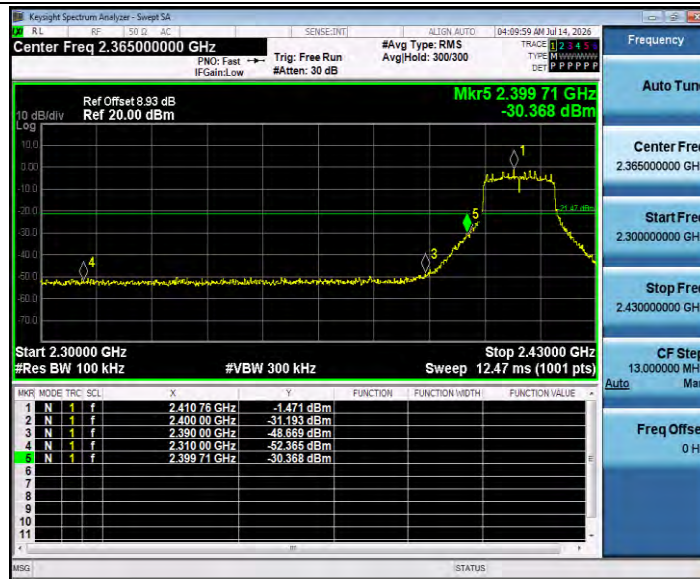
11AX40SISO_Ant1_2452



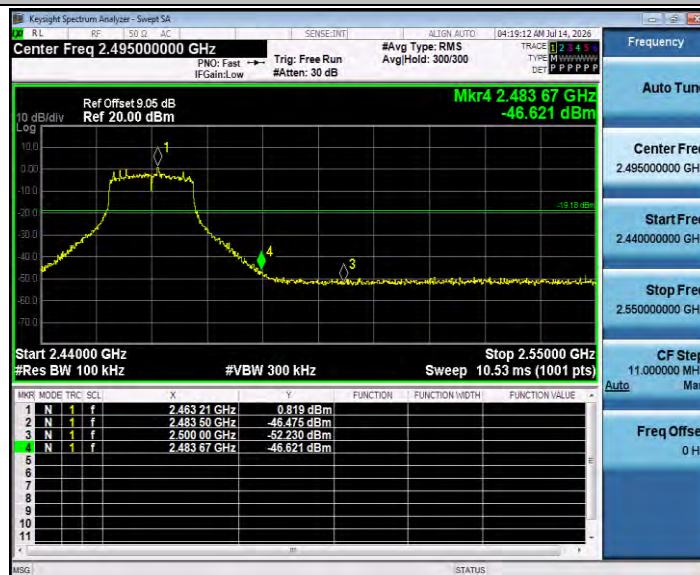
Appendix C.5: Band edge measurements

Test Result

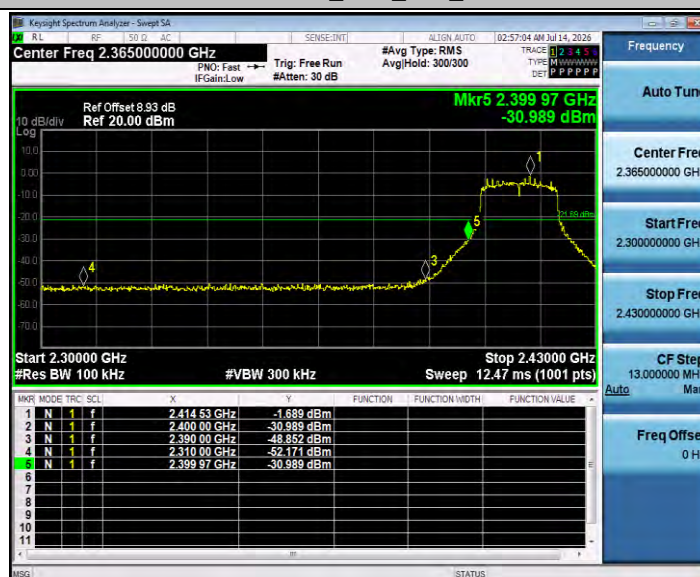
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.81	-40.48	≤ -14.19	PASS
		High	2462	6.95	-47.95	≤ -13.05	PASS
11G	Ant1	Low	2412	-1.47	-30.37	≤ -21.47	PASS
		High	2462	0.82	-46.62	≤ -19.18	PASS
11N20SISO	Ant1	Low	2412	-1.69	-30.99	≤ -21.69	PASS
		High	2462	0.91	-44.88	≤ -19.09	PASS
11N40SISO	Ant1	Low	2422	-4.01	-35.18	≤ -24.01	PASS
		High	2452	-3.22	-43.15	≤ -23.22	PASS
11AX20SISO	Ant1	Low	2412	-1.33	-29.01	≤ -21.33	PASS
		High	2462	-0.14	-42.56	≤ -20.14	PASS
11AX40SISO	Ant1	Low	2422	-4.21	-35.63	≤ -24.21	PASS
		High	2452	-3.35	-46.12	≤ -23.35	PASS



11G_Ant1_High_2462



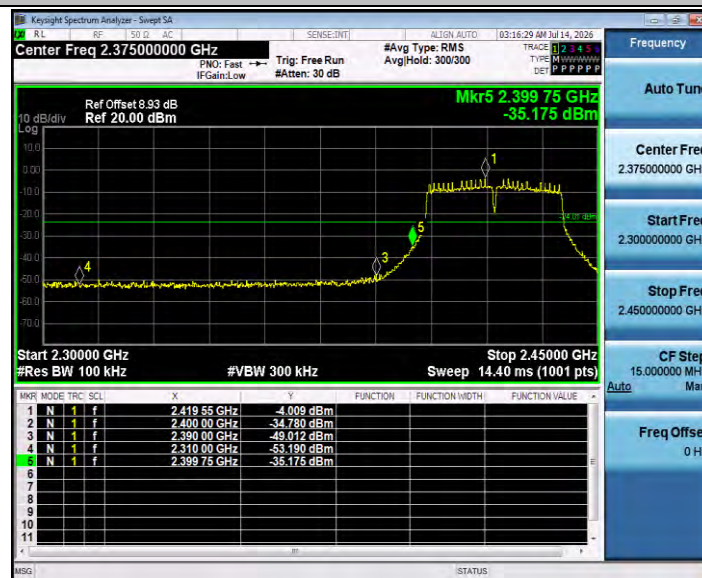
11N20SISO_Ant1_Low_2412



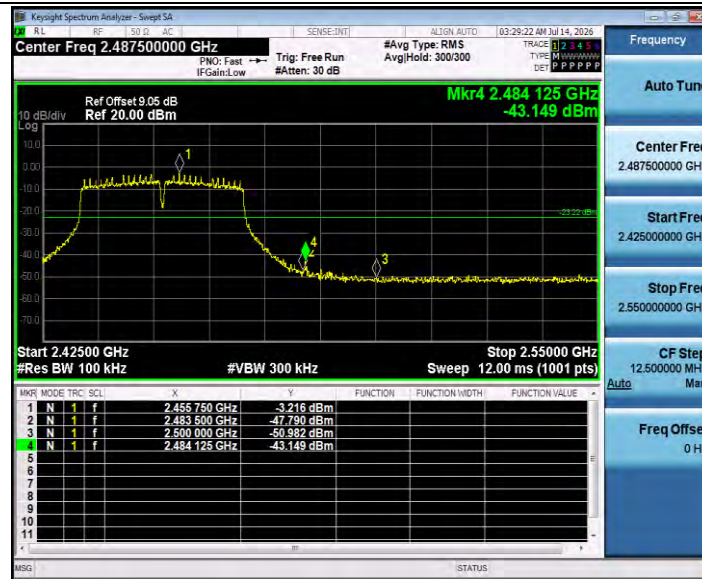
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



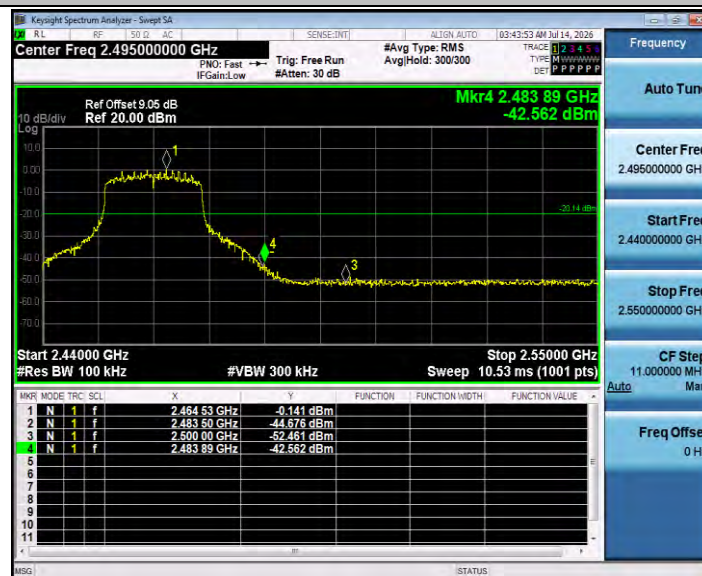
11N40SISO_Ant1_High_2452



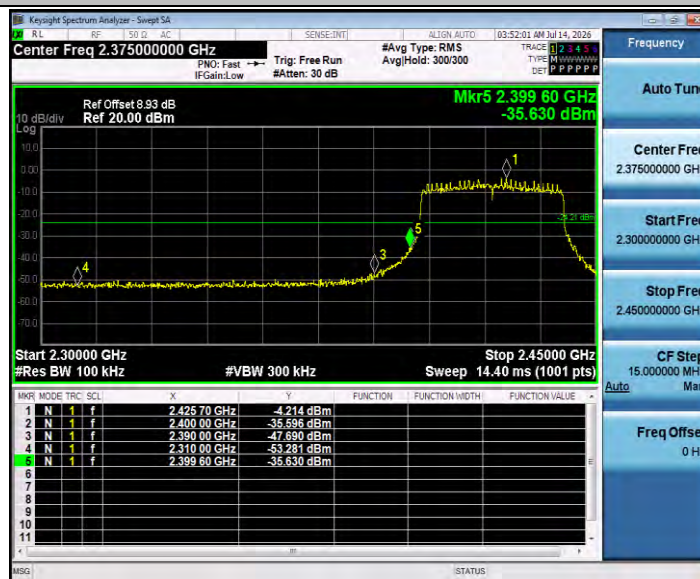
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

