

Case No. : <u>GTS20260616001-4-01</u>
Ambient Condition: <u>23°C, 56%RH,</u>
Test Date: <u>2026.6.17-2026.7.1</u> Test Engineer: <u>Evan ouyang</u>

AppendixA.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.240	2407.920	2416.160	0.5	PASS
		2437	8.280	2432.880	2441.160	0.5	PASS
		2462	8.240	2457.920	2466.160	0.5	PASS
11G	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
		2437	16.320	2428.920	2445.240	0.5	PASS
		2462	16.280	2453.880	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	17.600	2428.240	2445.840	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.680	2404.240	2439.920	0.5	PASS
		2437	35.920	2419.080	2455.000	0.5	PASS
		2452	35.920	2434.160	2470.080	0.5	PASS
11AX20SISO	Ant1	2412	18.800	2402.560	2421.360	0.5	PASS
		2437	18.680	2427.720	2446.400	0.5	PASS
		2462	18.360	2452.840	2471.200	0.5	PASS
11AX40SISO	Ant1	2422	37.680	2403.200	2440.880	0.5	PASS
		2437	36.800	2418.520	2455.320	0.5	PASS
		2452	36.160	2433.600	2469.760	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437





11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



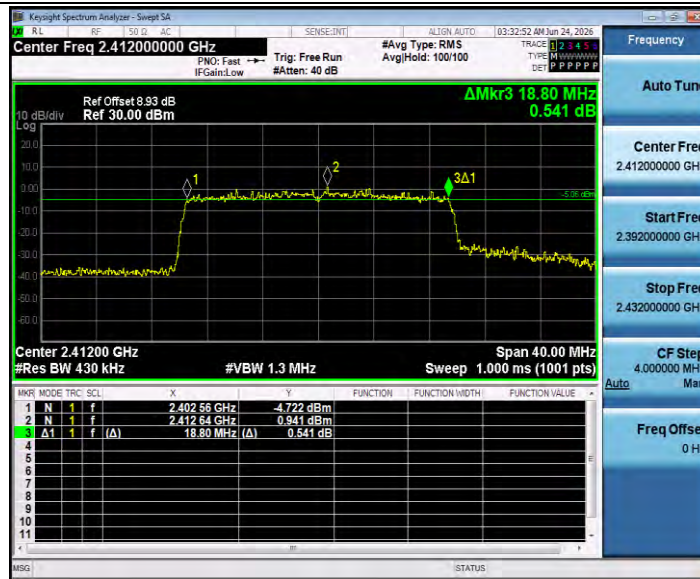
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



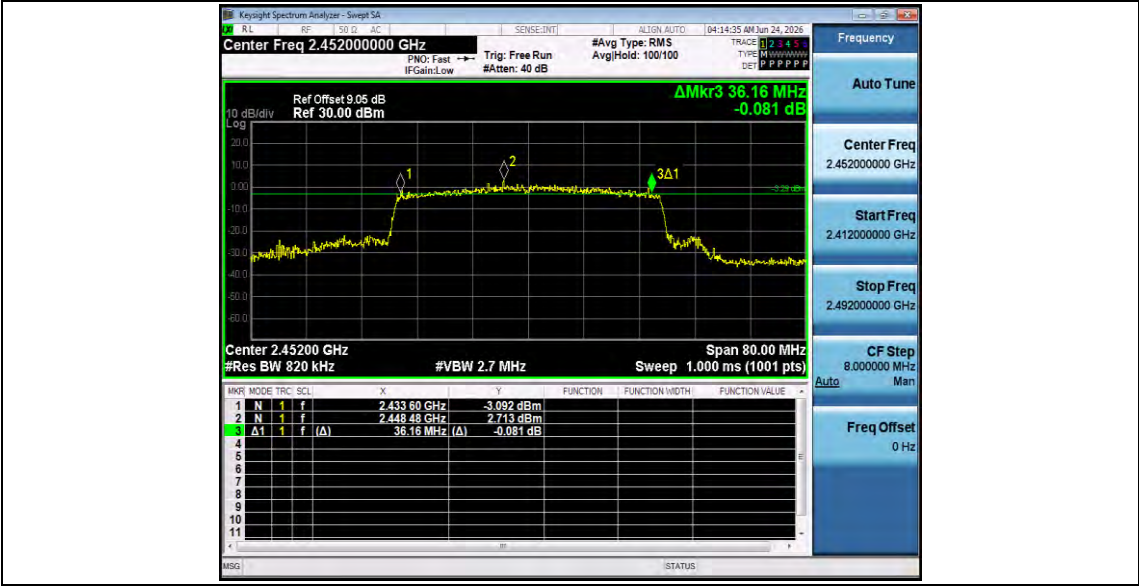
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



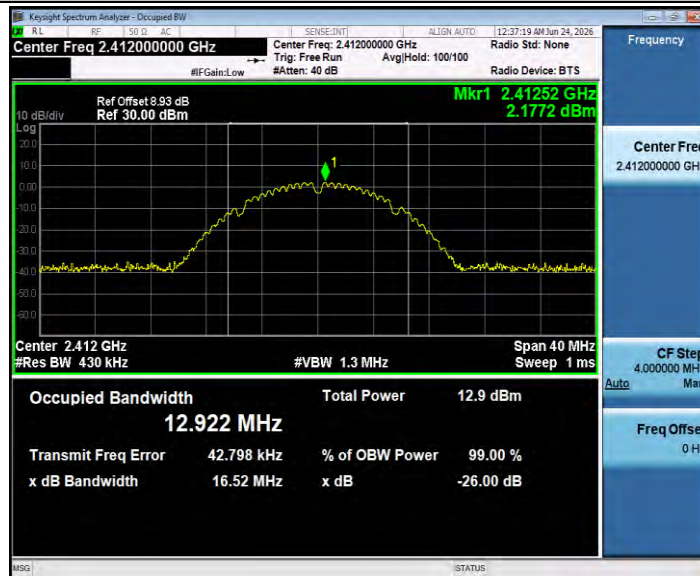
AppendixA.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.922	2405.5818	2418.5038	---	---
		2437	12.920	2430.5594	2443.4794	---	---
		2462	12.888	2455.5763	2468.4643	---	---
11G	Ant1	2412	17.060	2403.5118	2420.5718	---	---
		2437	17.220	2428.4098	2445.6298	---	---
		2462	16.998	2453.5223	2470.5203	---	---
11N20SISO	Ant1	2412	18.156	2402.9979	2421.1539	---	---
		2437	18.349	2427.8669	2446.2159	---	---
		2462	18.180	2452.9282	2471.1082	---	---
11N40SISO	Ant1	2422	36.367	2403.9107	2440.2777	---	---
		2437	36.606	2418.7649	2455.3709	---	---
		2452	36.580	2433.6622	2470.2422	---	---
11AX20SISO	Ant1	2412	19.010	2402.5185	2421.5285	---	---
		2437	19.133	2427.4611	2446.5941	---	---
		2462	19.095	2452.4801	2471.5751	---	---
11AX40SISO	Ant1	2422	37.850	2403.1961	2441.0461	---	---
		2437	38.011	2418.0499	2456.0609	---	---
		2452	37.779	2433.1403	2470.9193	---	---

Test Graphs

11B_Ant1_2412



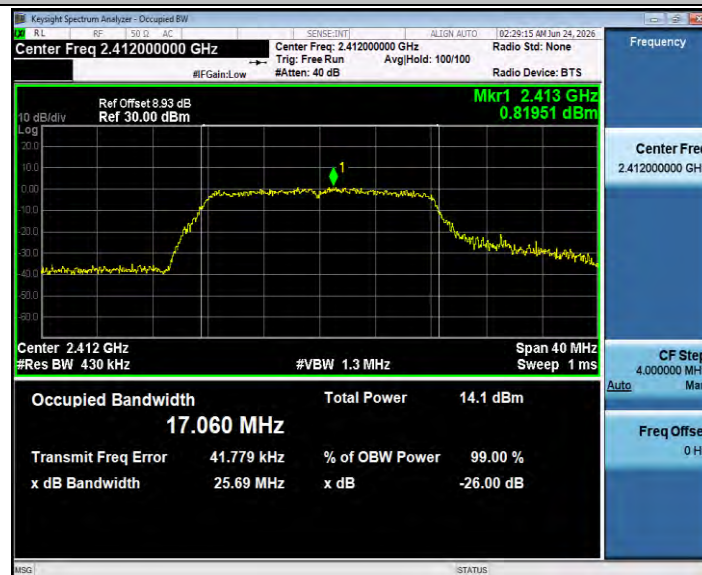
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



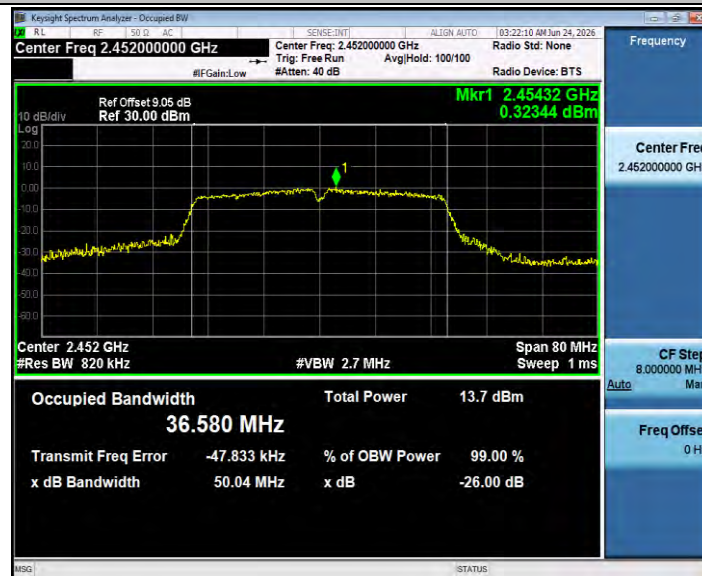
11N40SISO_Ant1_2422



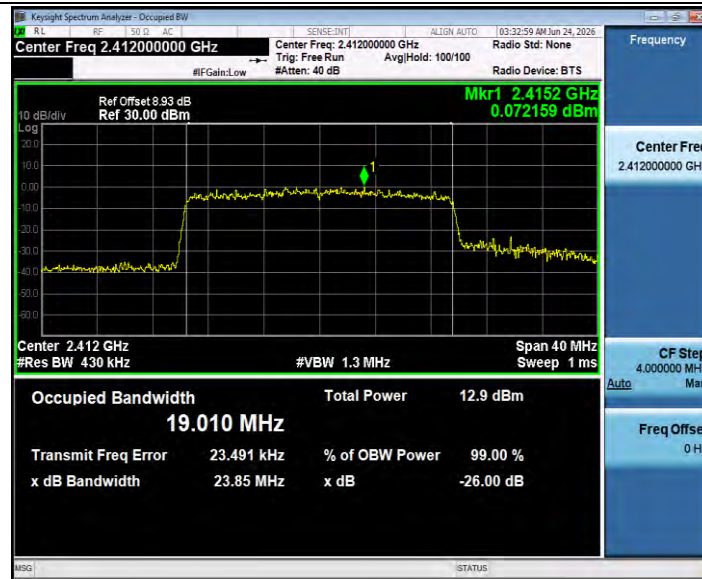
11N40SISO_Ant1_2437



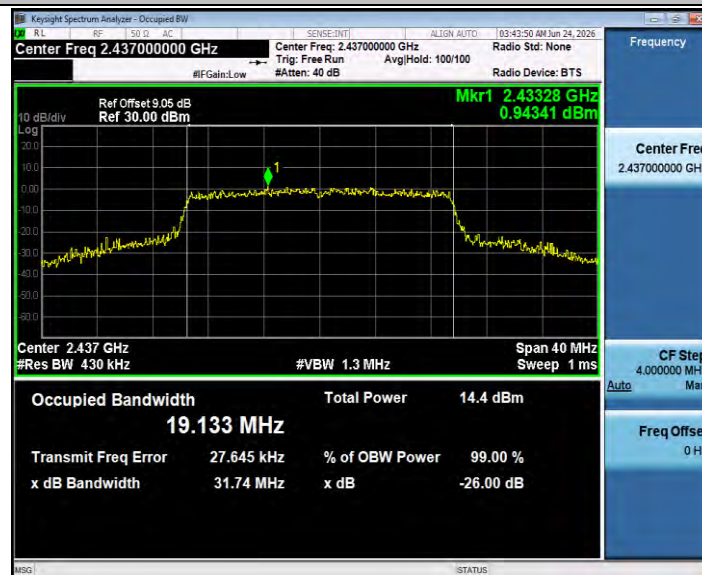
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixA.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	12.93	≤30.00	PASS
		2437	14.02	≤30.00	PASS
		2462	14.68	≤30.00	PASS
11G	Ant1	2412	15.19	≤30.00	PASS
		2437	16.22	≤30.00	PASS
		2462	16.81	≤30.00	PASS
11N20SISO	Ant1	2412	13.25	≤30.00	PASS
		2437	14.48	≤30.00	PASS
		2462	15.19	≤30.00	PASS
11N40SISO	Ant1	2422	13.47	≤30.00	PASS
		2437	14.40	≤30.00	PASS
		2452	14.06	≤30.00	PASS
11AX20SISO	Ant1	2412	13.53	≤30.00	PASS
		2437	14.96	≤30.00	PASS
		2462	15.86	≤30.00	PASS
11AX40SISO	Ant1	2422	14.06	≤30.00	PASS
		2437	15.07	≤30.00	PASS
		2452	14.61	≤30.00	PASS

AppendixA.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.06	≤8.00	PASS
		2437	-11.09	≤8.00	PASS
		2462	-10.17	≤8.00	PASS
11G	Ant1	2412	-17.01	≤8.00	PASS
		2437	-15.73	≤8.00	PASS
		2462	-14.58	≤8.00	PASS
11N20SISO	Ant1	2412	-17.63	≤8.00	PASS
		2437	-15.58	≤8.00	PASS
		2462	-16.26	≤8.00	PASS
11N40SISO	Ant1	2422	-20.91	≤8.00	PASS
		2437	-19.67	≤8.00	PASS
		2452	-20.65	≤8.00	PASS
11AX20SISO	Ant1	2412	-19.03	≤8.00	PASS
		2437	-18.78	≤8.00	PASS
		2462	-15.67	≤8.00	PASS
11AX40SISO	Ant1	2422	-21.74	≤8.00	PASS
		2437	-20.39	≤8.00	PASS
		2452	-21.38	≤8.00	PASS

Test Graphs

11B_Ant1_2412



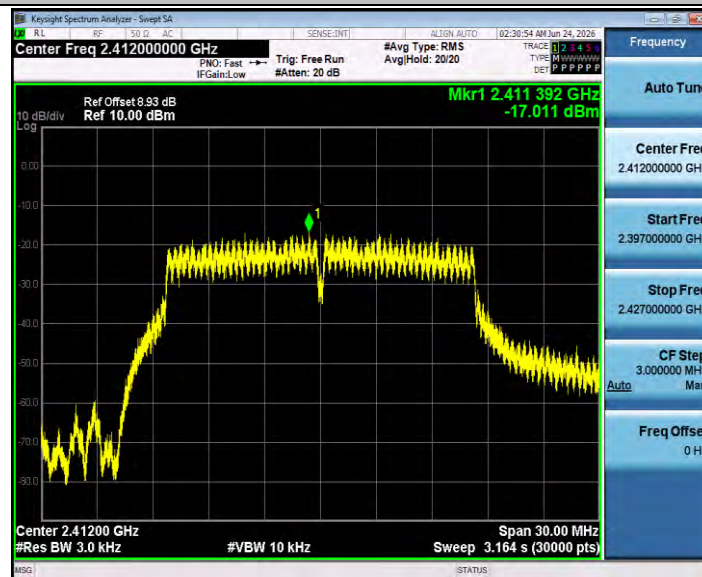
11B_Ant1_2437



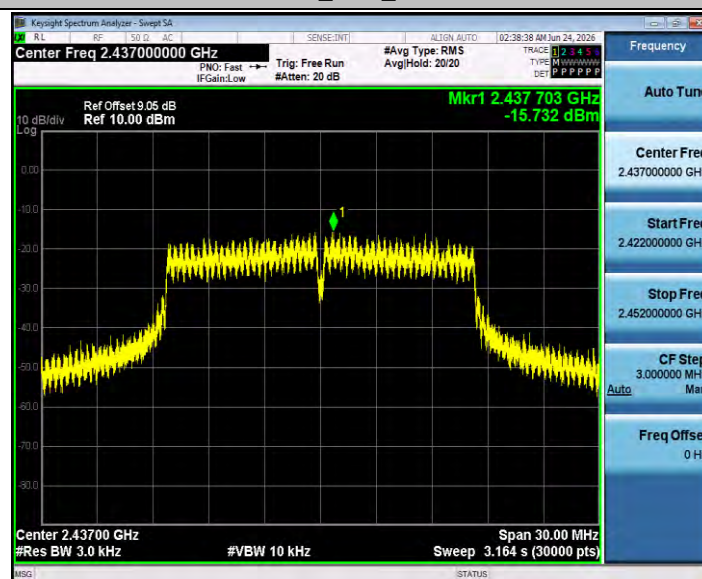
11B_Ant1_2462



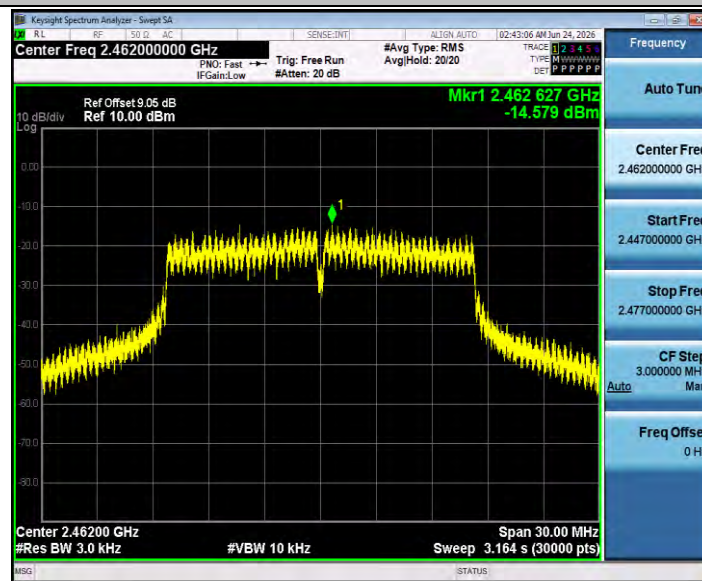
11G_Ant1_2412



11G_Ant1_2437



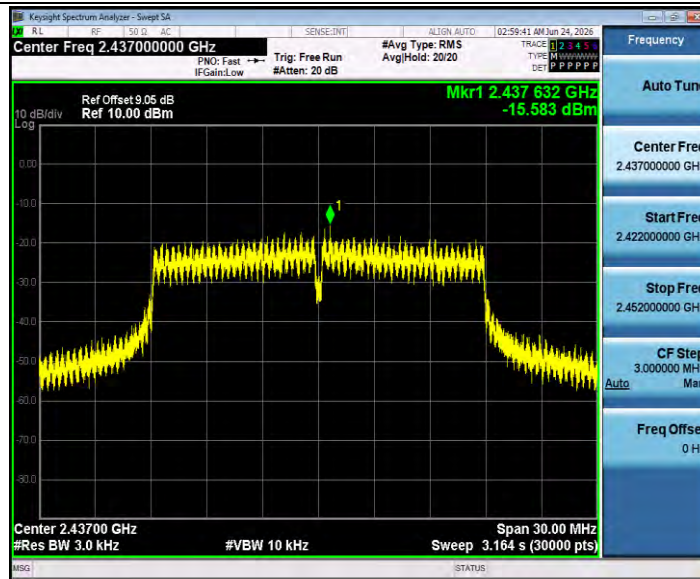
11G_Ant1_2462



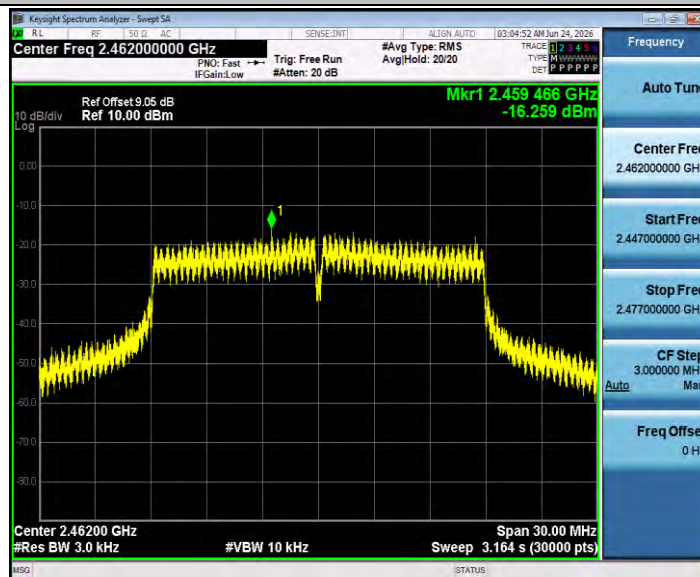
11N20SISO_Ant1_2412



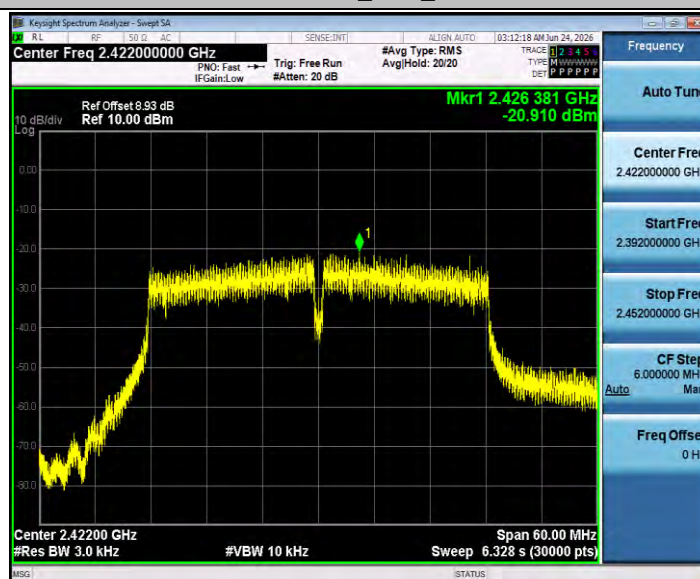
11N20SISO_Ant1_2437



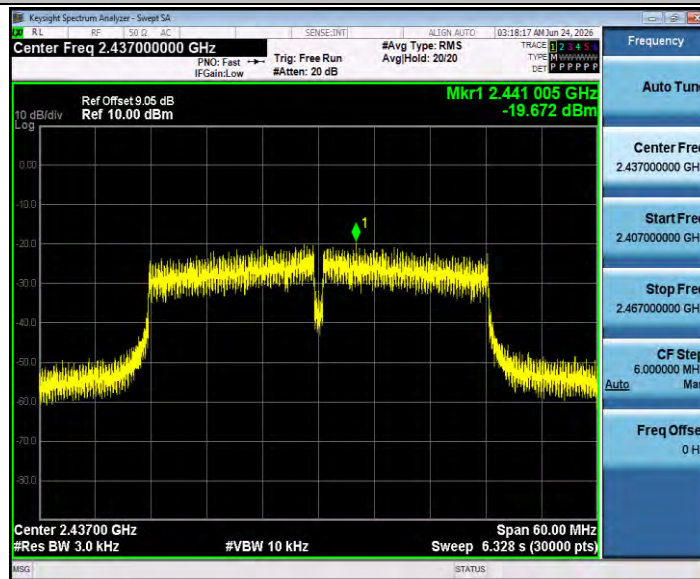
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



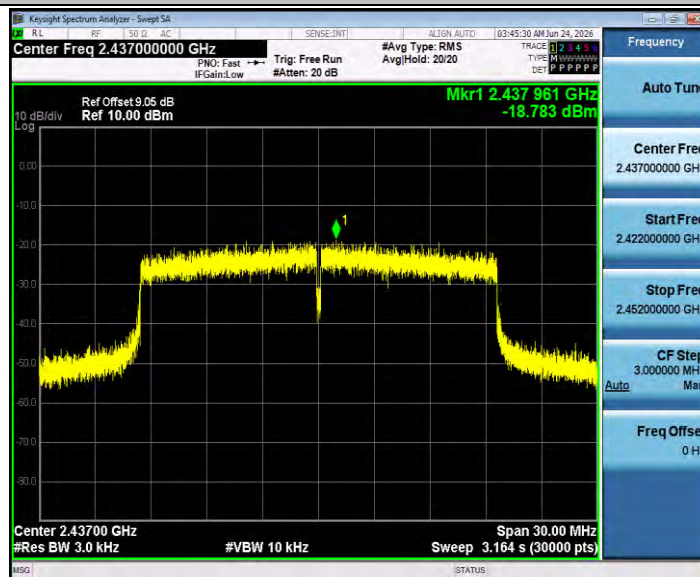
11N40SISO_Ant1_2452



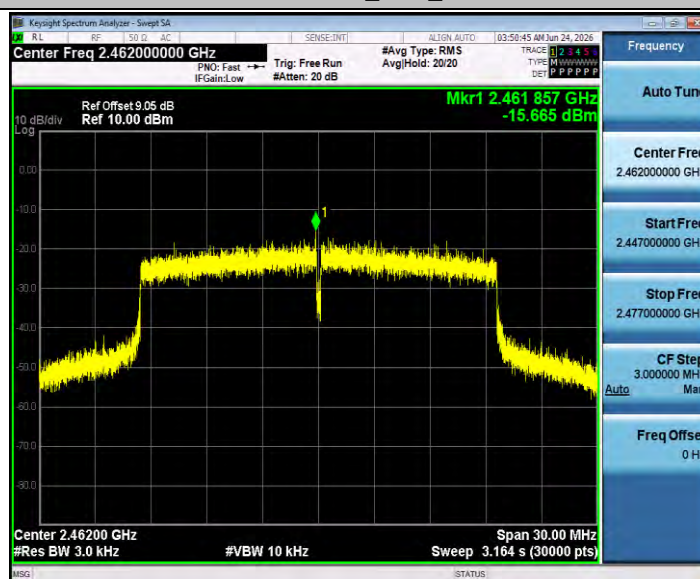
11AX20SISO_Ant1_2412



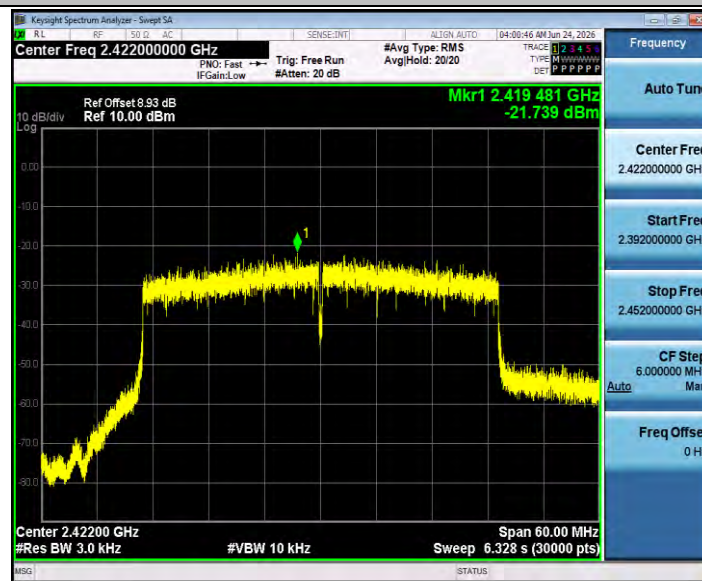
11AX20SISO_Ant1_2437



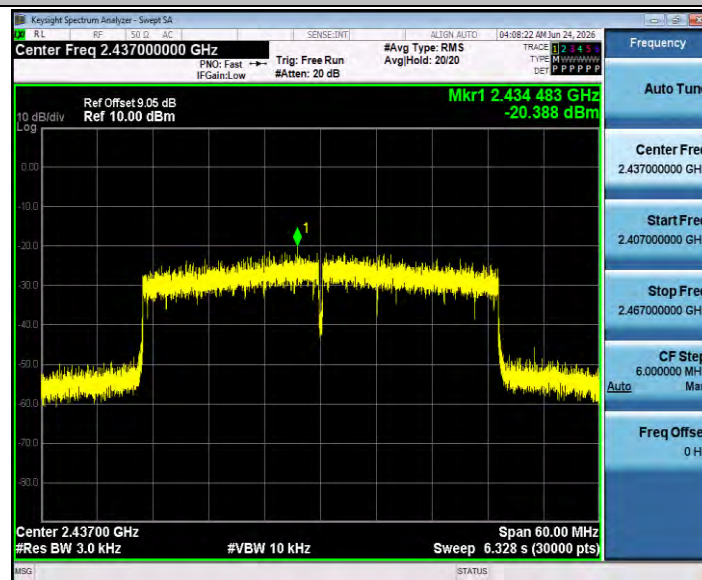
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

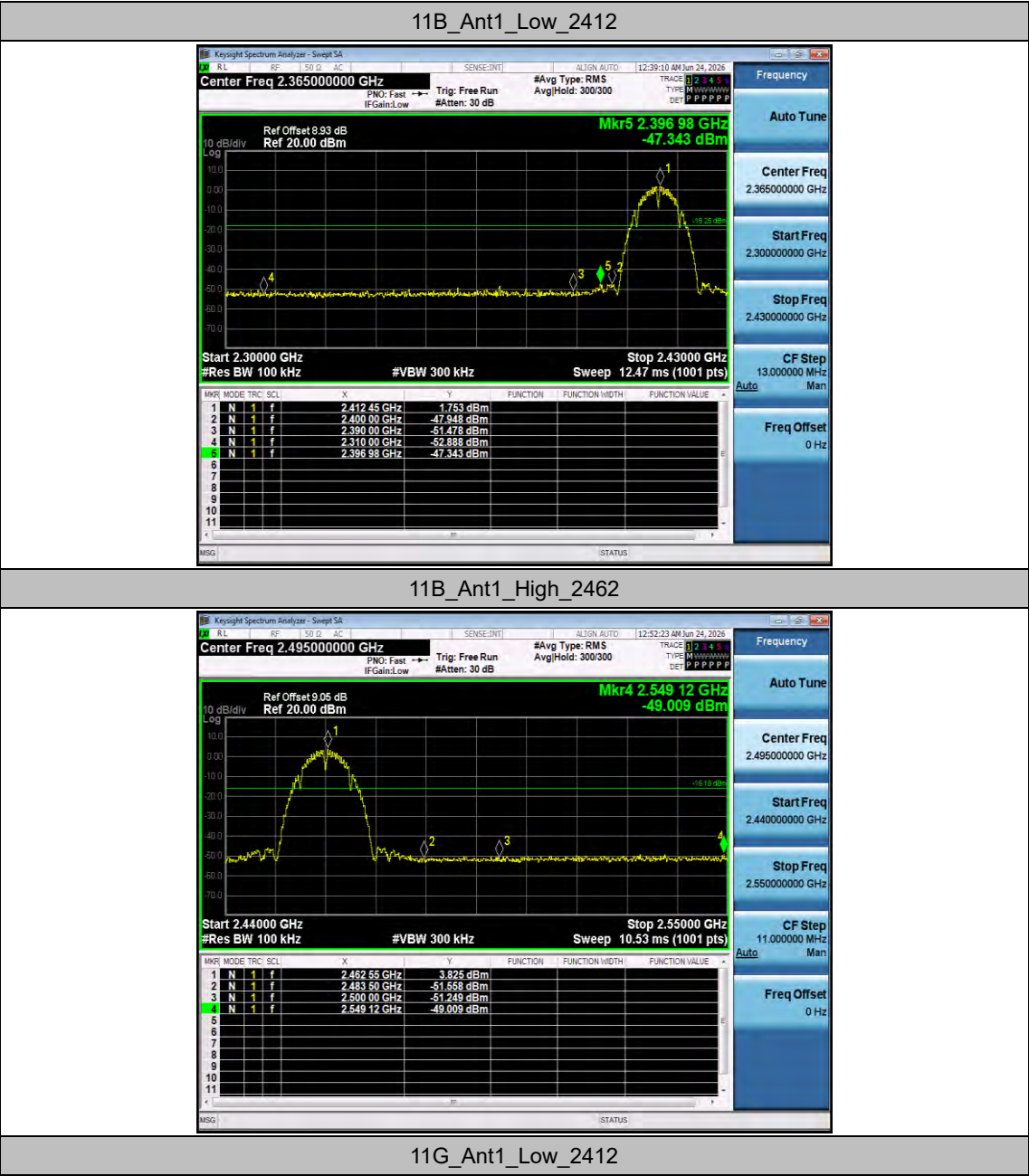


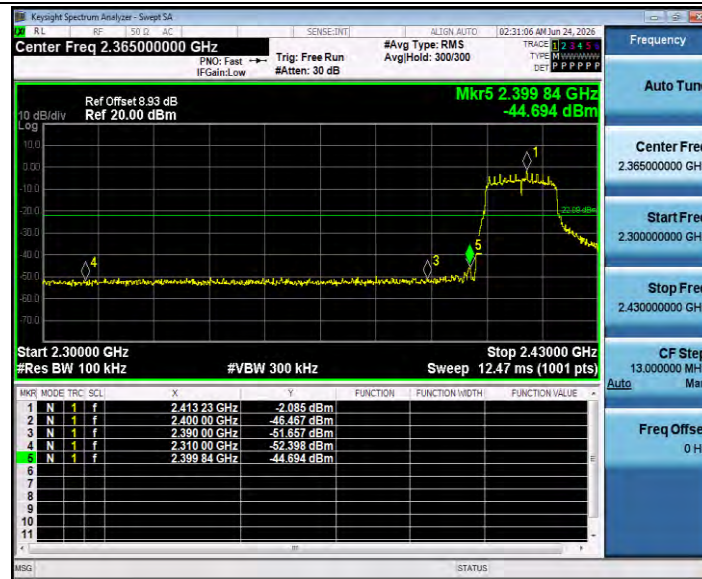
Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.75	-47.34	≤ -18.25	PASS
		High	2462	3.83	-49.01	≤ -16.18	PASS
11G	Ant1	Low	2412	-2.09	-44.69	≤ -22.09	PASS
		High	2462	-0.28	-48.99	≤ -20.28	PASS
11N20SISO	Ant1	Low	2412	-4.65	-46.59	≤ -24.65	PASS
		High	2462	-2.26	-48.84	≤ -22.26	PASS
11N40SISO	Ant1	Low	2422	-6.73	-42.07	≤ -26.73	PASS
		High	2452	-6.02	-49.36	≤ -26.02	PASS
11AX20SISO	Ant1	Low	2412	-4.35	-48.46	≤ -24.35	PASS
		High	2462	-2.10	-49.2	≤ -22.1	PASS
11AX40SISO	Ant1	Low	2422	-6.65	-42.71	≤ -26.65	PASS
		High	2452	-5.98	-48.87	≤ -25.98	PASS

Test Graphs

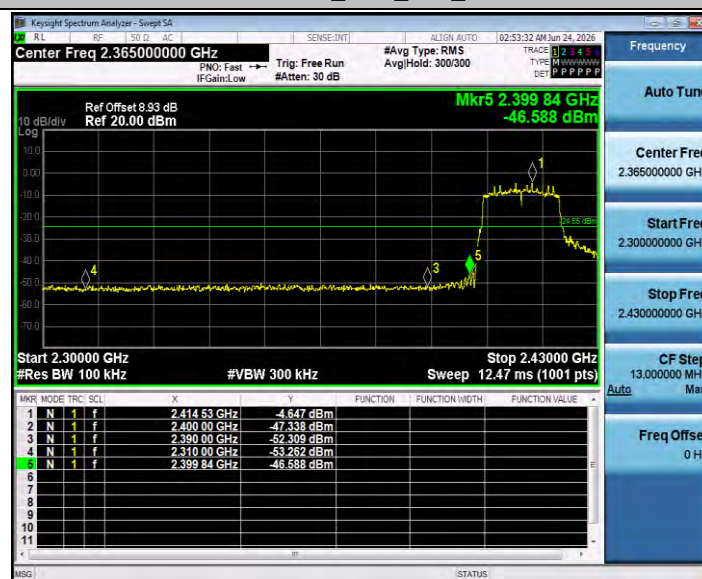




11G_Ant1_High_2462



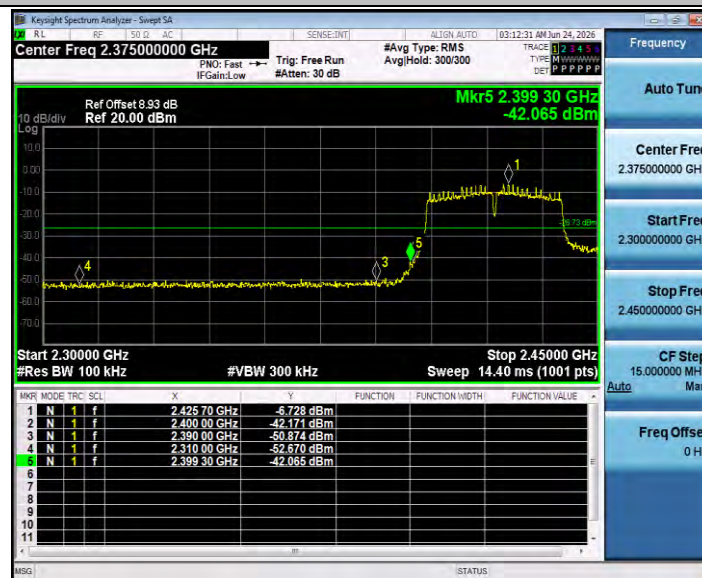
11N20SISO_Ant1_Low_2412



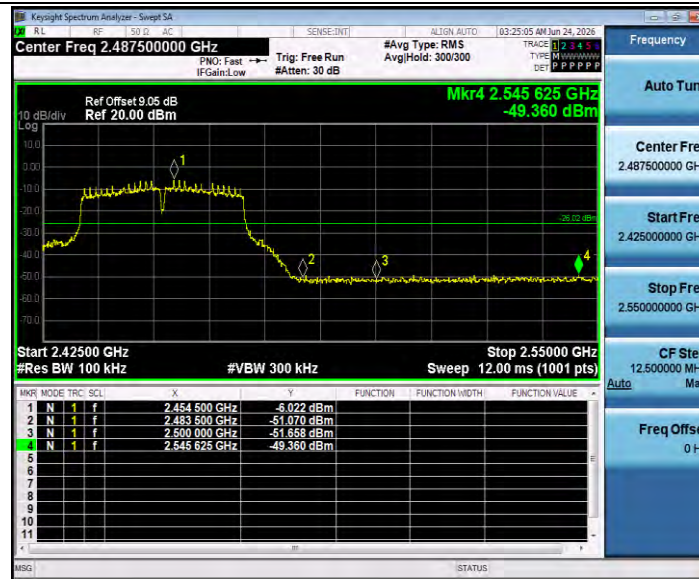
11N20SISO_Ant1_High_2462



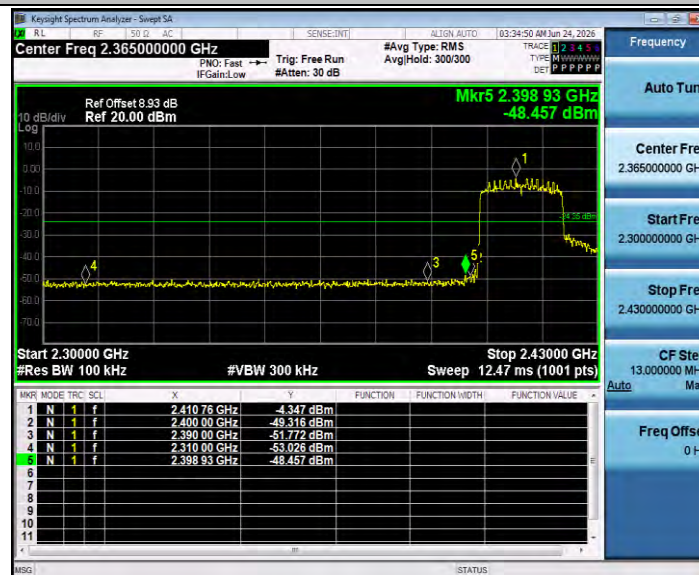
11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

