

Case No. : <u>GTS20251226016-1-13</u>
Ambient Condition: <u>25℃,59%RH,</u>
Test Date: <u>2026.4.23-2026.6.11</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	Ant0	2412	8.240	2407.880	2416.120	0.5	PASS
		2437	8.240	2432.840	2441.080	0.5	PASS
		2462	8.200	2457.880	2466.080	0.5	PASS
11G	Ant0	2412	16.560	2403.720	2420.280	0.5	PASS
		2437	16.640	2428.680	2445.320	0.5	PASS
		2462	16.520	2453.760	2470.280	0.5	PASS
11N20SISO	Ant0	2412	17.840	2403.080	2420.920	0.5	PASS
		2437	17.920	2428.080	2446.000	0.5	PASS
		2462	17.800	2453.080	2470.880	0.5	PASS
11N40SISO	Ant0	2422	36.560	2403.760	2440.320	0.5	PASS
		2437	36.560	2418.680	2455.240	0.5	PASS
		2452	36.560	2433.760	2470.320	0.5	PASS
11AX20SISO	Ant0	2412	19.080	2402.440	2421.520	0.5	PASS
		2437	19.080	2427.480	2446.560	0.5	PASS
		2462	19.040	2452.520	2471.560	0.5	PASS
11AX40SISO	Ant0	2422	38.080	2402.800	2440.880	0.5	PASS
		2437	37.920	2418.040	2455.960	0.5	PASS
		2452	38.240	2432.960	2471.200	0.5	PASS

Test Graphs





11G_Ant0_2412



11G_Ant0_2437



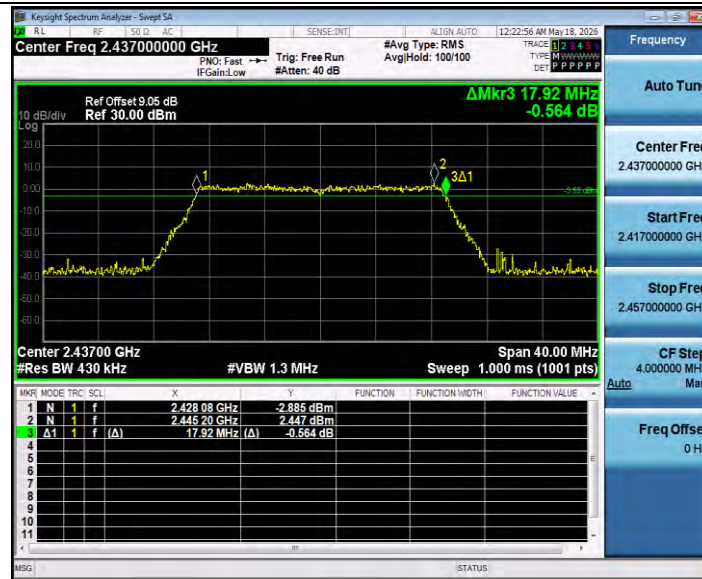
11G_Ant0_2462



11N20SISO_Ant0_2412



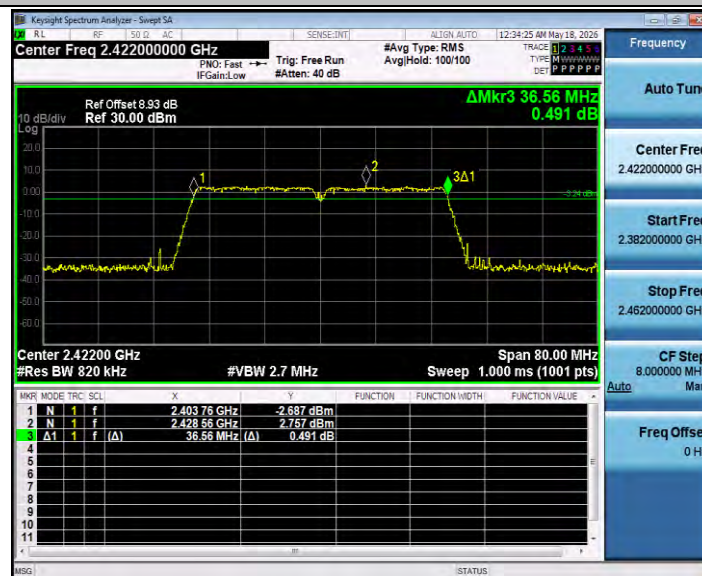
11N20SISO_Ant0_2437



11N20SISO_Ant0_2462



11N40SISO_Ant0_2422



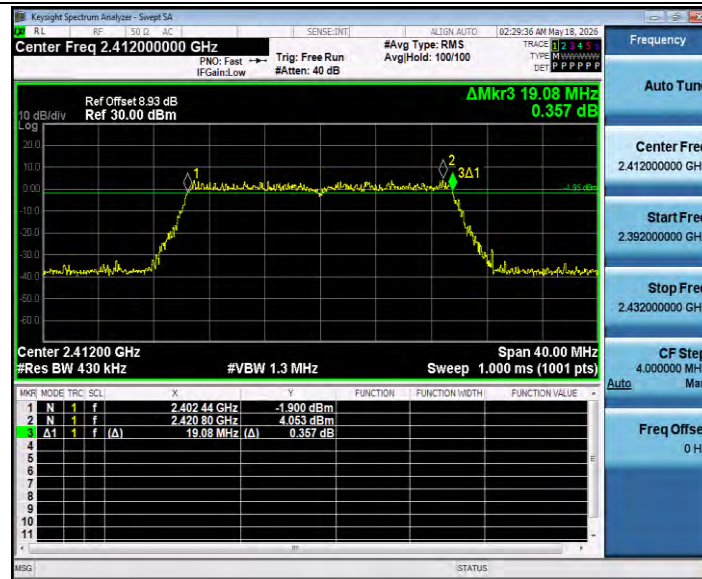
11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



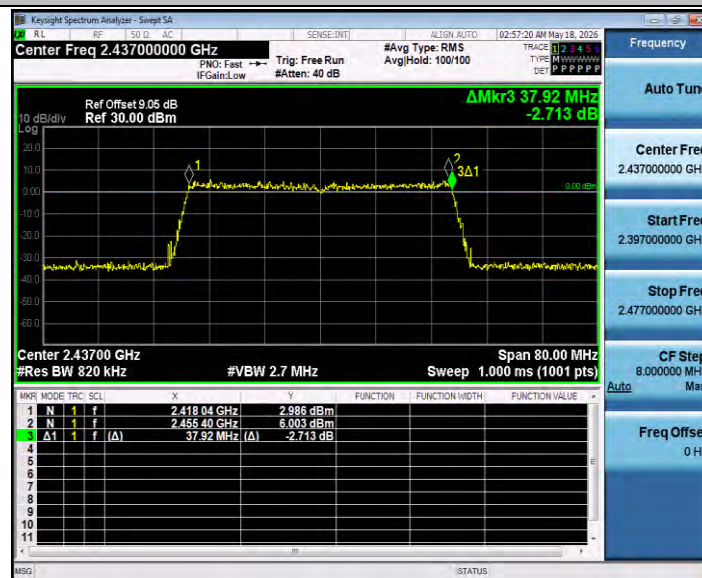
11AX20SISO_Ant0_2462



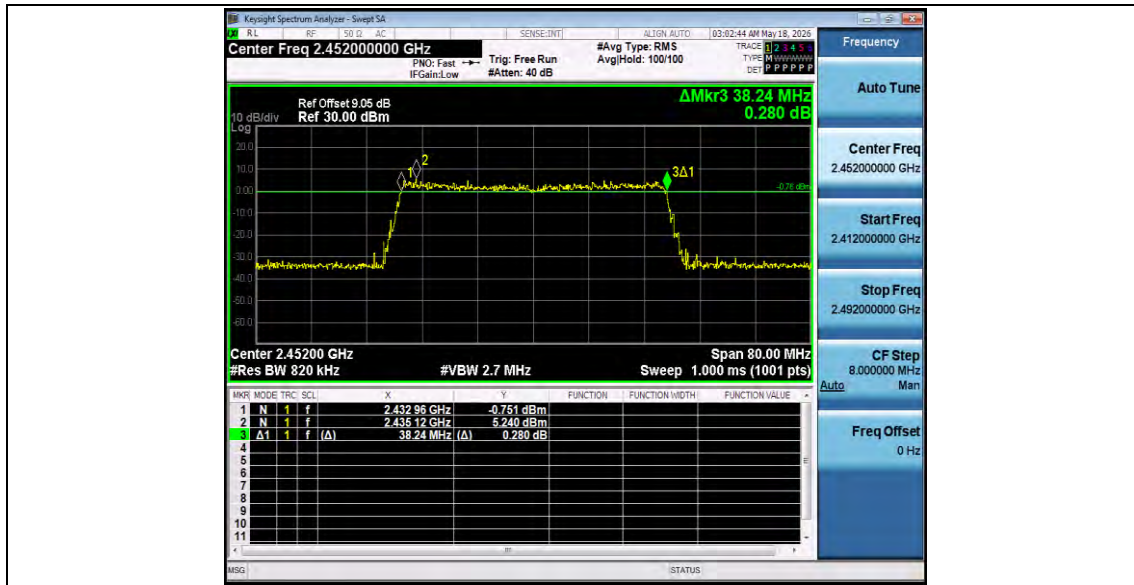
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



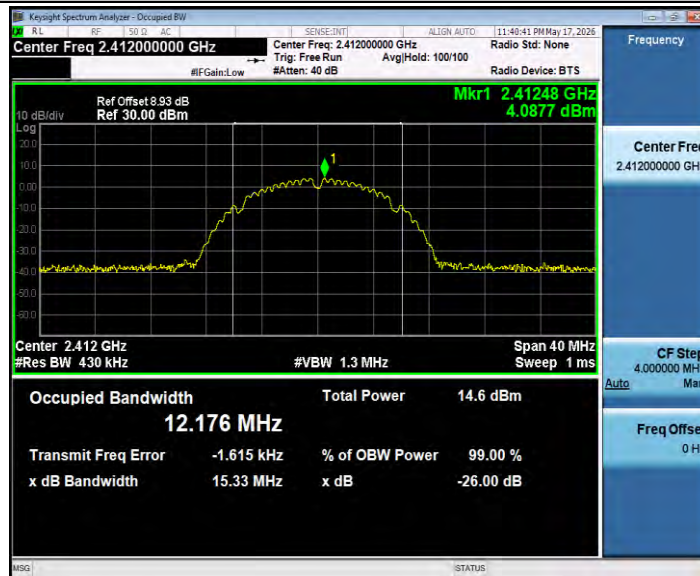
Appendix C.2: Occupied Channel Bandwidth

Test Result

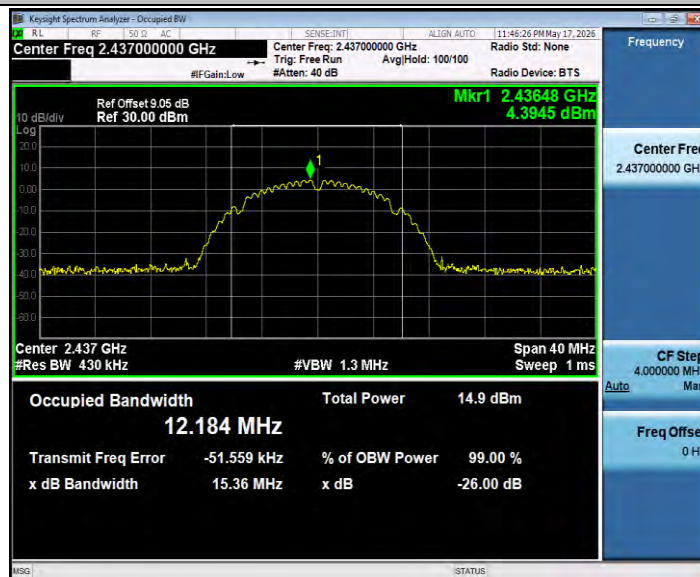
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	12.176	2405.9104	2418.0864	---	---
		2437	12.184	2430.8564	2443.0404	---	---
		2462	12.153	2455.8816	2468.0346	---	---
11G	Ant0	2412	17.329	2403.3292	2420.6582	---	---
		2437	17.326	2428.3214	2445.6474	---	---
		2462	17.265	2453.3879	2470.6529	---	---
11N20SISO	Ant0	2412	18.298	2402.8603	2421.1583	---	---
		2437	18.341	2427.7990	2446.1400	---	---
		2462	18.351	2452.8451	2471.1961	---	---
11N40SISO	Ant0	2422	36.719	2403.6359	2440.3549	---	---
		2437	36.703	2418.7116	2455.4146	---	---
		2452	36.806	2433.6133	2470.4193	---	---
11AX20SISO	Ant0	2412	19.319	2402.3283	2421.6473	---	---
		2437	19.358	2427.3307	2446.6887	---	---
		2462	19.276	2452.3542	2471.6302	---	---
11AX40SISO	Ant0	2422	38.057	2402.9655	2441.0225	---	---
		2437	38.206	2417.9148	2456.1208	---	---
		2452	38.089	2432.9572	2471.0462	---	---

Test Graphs

11B_Ant0_2412



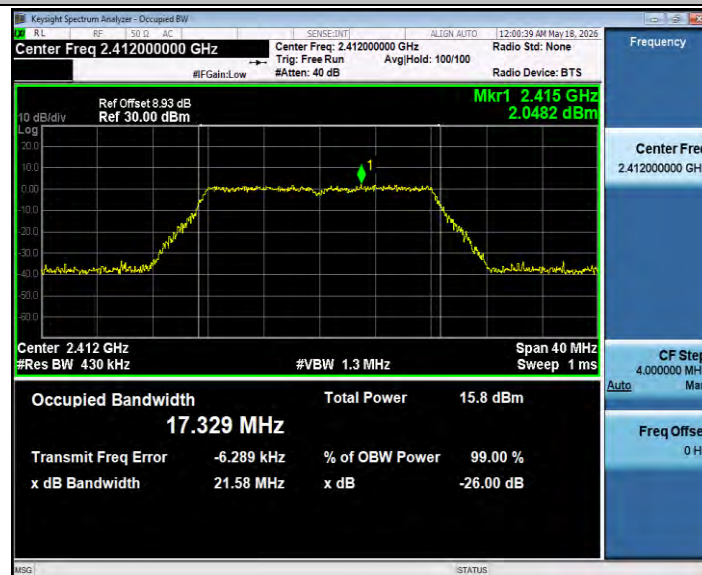
11B_Ant0_2437



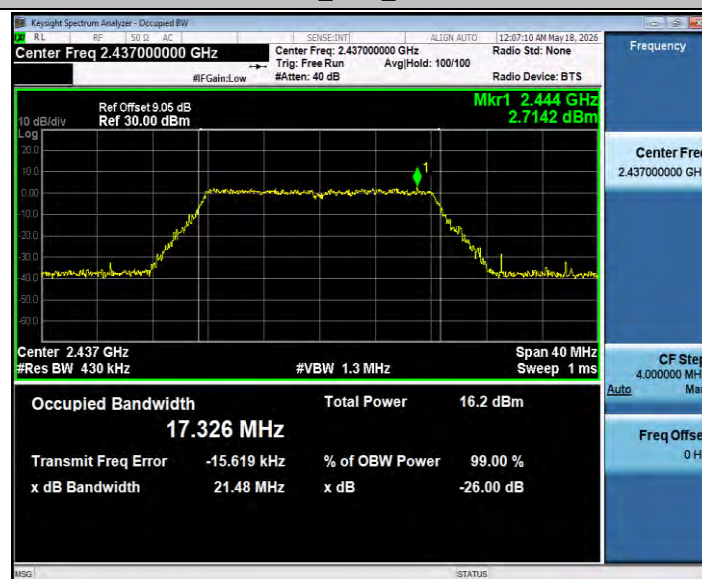
11B_Ant0_2462



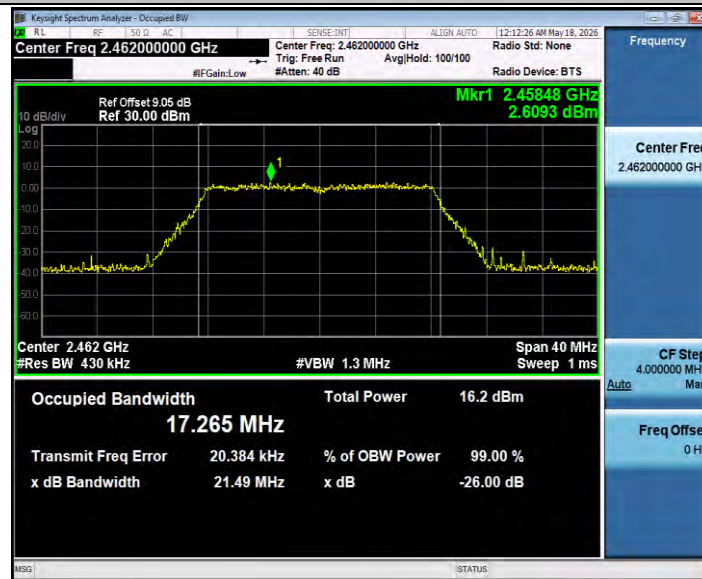
11G_Ant0_2412



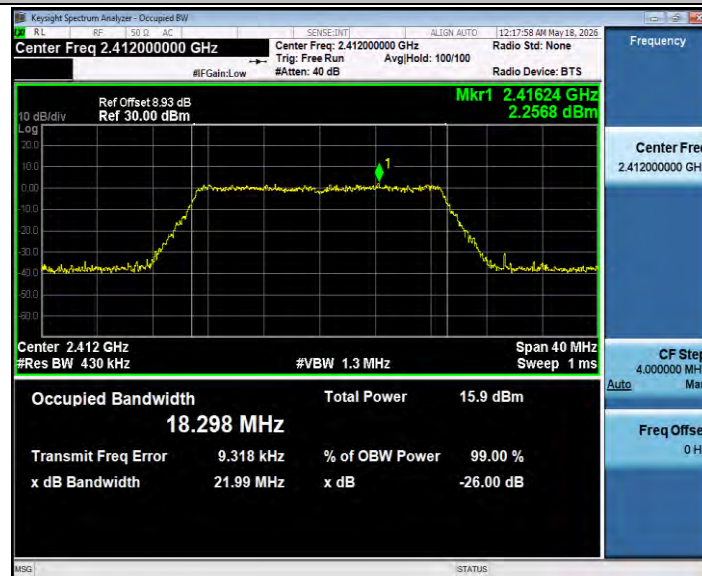
11G_Ant0_2437



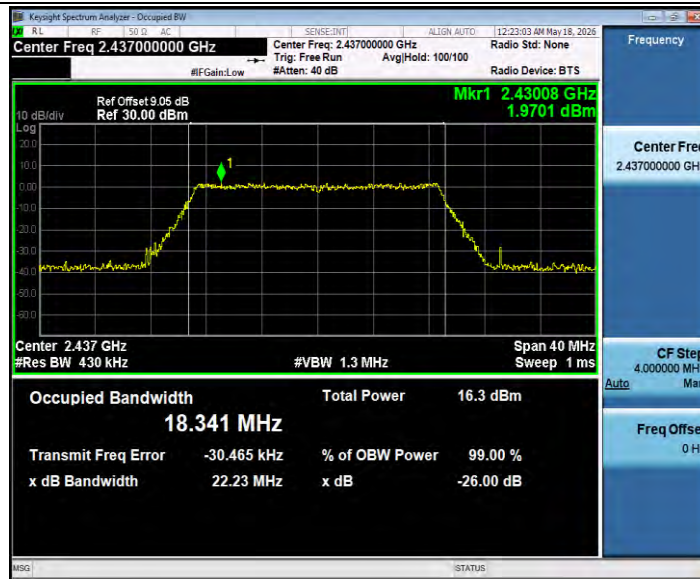
11G_Ant0_2462



11N20SISO_Ant0_2412



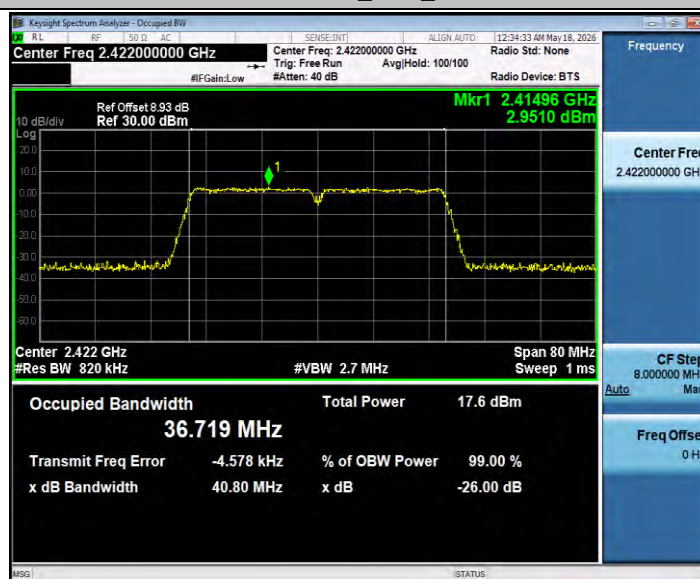
11N20SISO_Ant0_2437



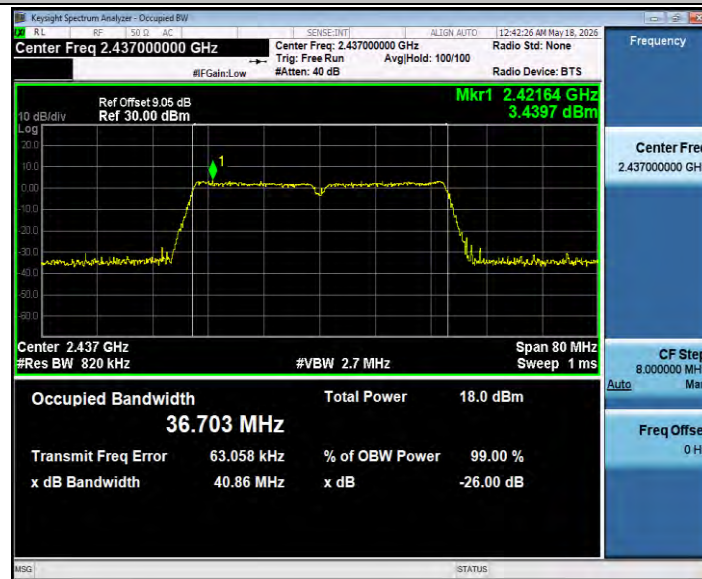
11N20SISO_Ant0_2462



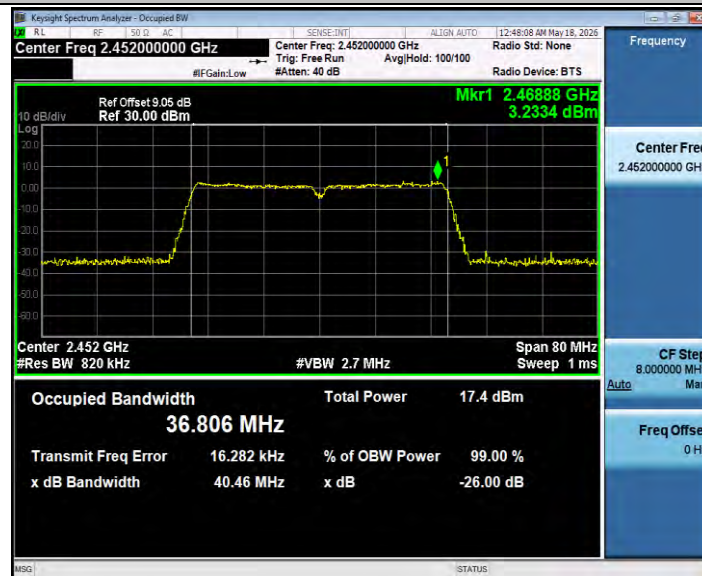
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



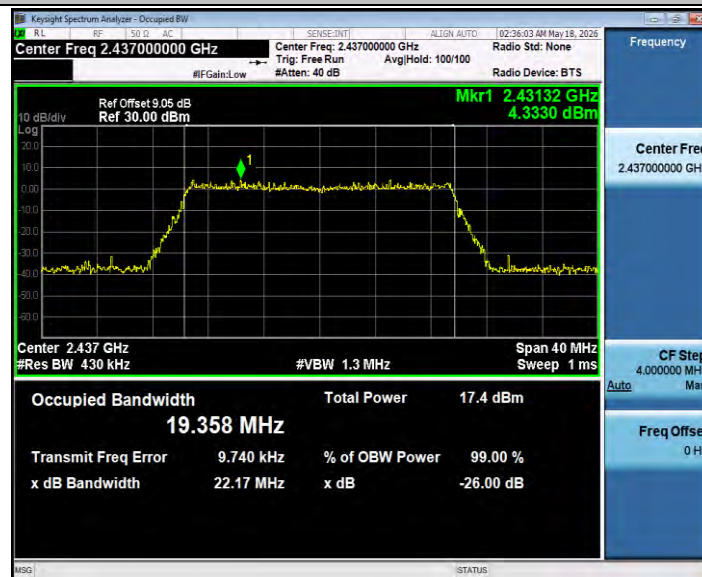
11N40SISO_Ant0_2452



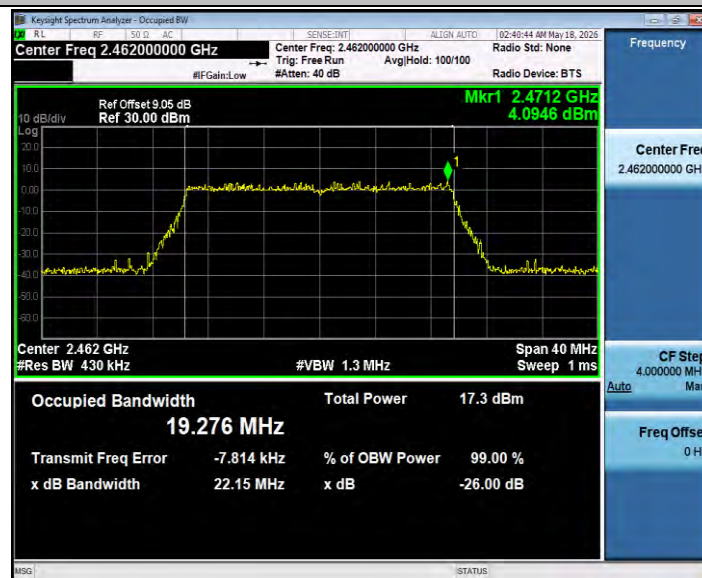
11AX20SISO_Ant0_2412



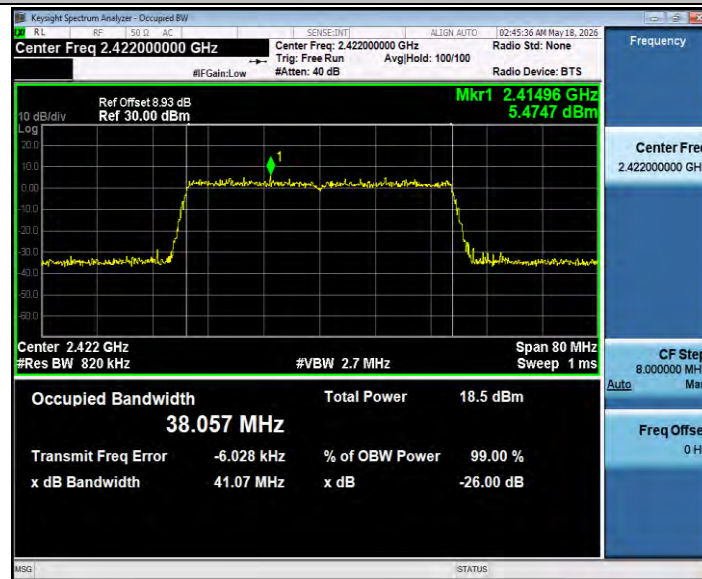
11AX20ISO_Ant0_2437



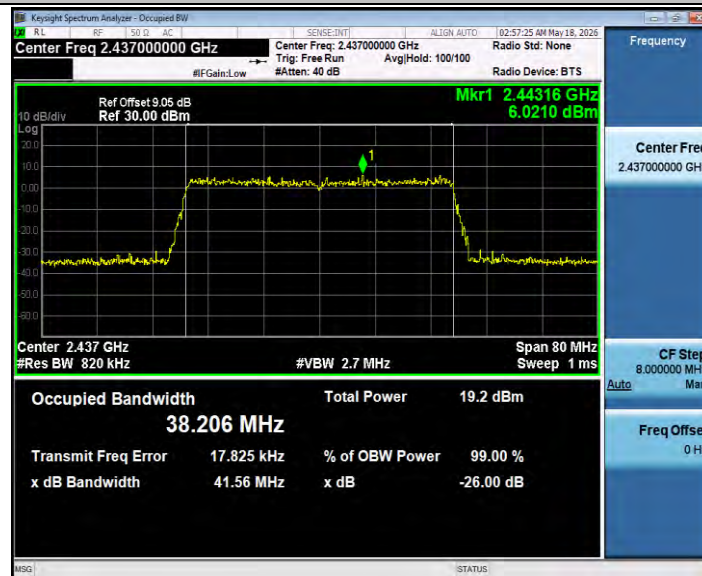
11AX20ISO_Ant0_2462



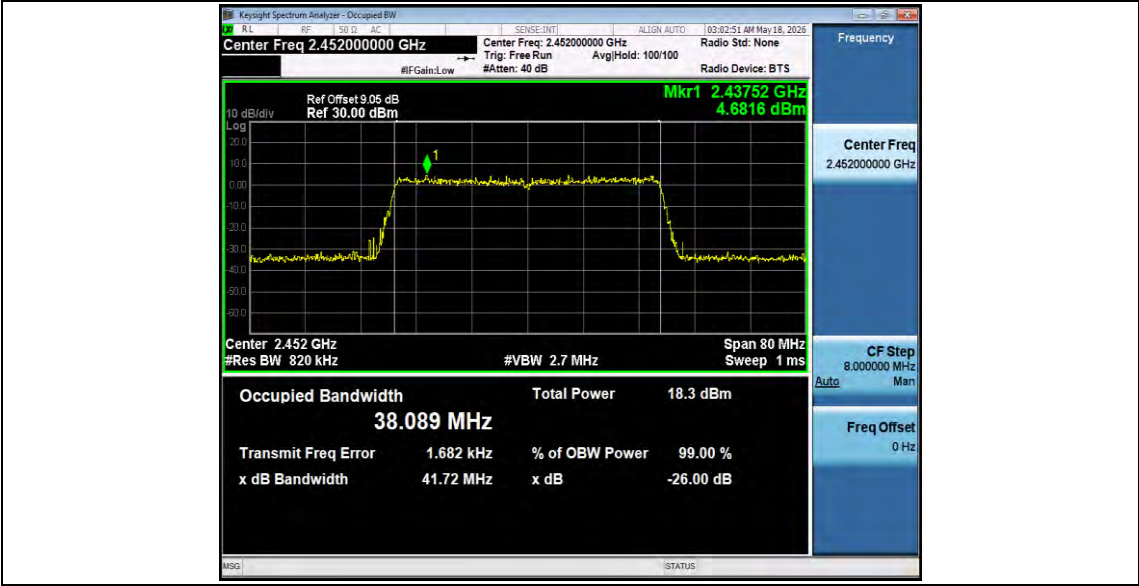
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



Appendix C.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	14.67	≤29.32	PASS
		2437	15.00	≤29.32	PASS
		2462	14.84	≤29.32	PASS
11G	Ant0	2412	17.09	≤29.32	PASS
		2437	17.50	≤29.32	PASS
		2462	17.42	≤29.32	PASS
11N20SISO	Ant0	2412	17.09	≤29.32	PASS
		2437	17.57	≤29.32	PASS
		2462	17.48	≤29.32	PASS
11N40SISO	Ant0	2422	18.01	≤29.32	PASS
		2437	18.40	≤29.32	PASS
		2452	17.69	≤29.32	PASS
11AX20SISO	Ant0	2412	17.76	≤29.32	PASS
		2437	18.07	≤29.32	PASS
		2462	18.15	≤29.32	PASS
11AX40SISO	Ant0	2422	18.50	≤29.32	PASS
		2437	19.18	≤29.32	PASS
		2452	18.55	≤29.32	PASS

Limit (dBm)= Limit (dBm)-(Gain-6dBi)

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	2.66	≤7.32	PASS
		2437	-9.45	≤7.32	PASS
		2462	-10.07	≤7.32	PASS
11G	Ant0	2412	-14.87	≤7.32	PASS
		2437	-13.84	≤7.32	PASS
		2462	-14.13	≤7.32	PASS
11N20SISO	Ant0	2412	-15.04	≤7.32	PASS
		2437	-14.56	≤7.32	PASS
		2462	-14.49	≤7.32	PASS
11N40SISO	Ant0	2422	-16.76	≤7.32	PASS
		2437	-15.66	≤7.32	PASS
		2452	-17.12	≤7.32	PASS
11AX20SISO	Ant0	2412	-15.36	≤7.32	PASS
		2437	-15.69	≤7.32	PASS
		2462	-15.86	≤7.32	PASS
11AX40SISO	Ant0	2422	-17.26	≤7.32	PASS
		2437	-16.50	≤7.32	PASS
		2452	-18.18	≤7.32	PASS

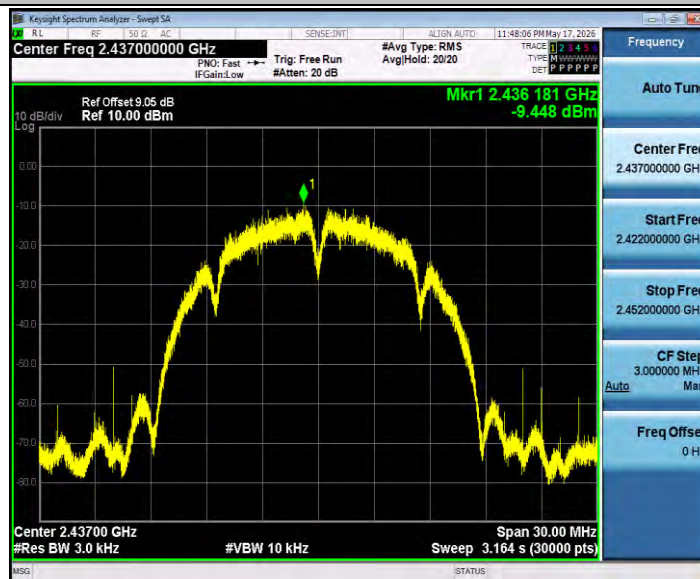
Limit (dBm/3kHz)= Limit (dBm/3kHz)-(Gain-6dBi)

Test Graphs

11B_Ant0_2412



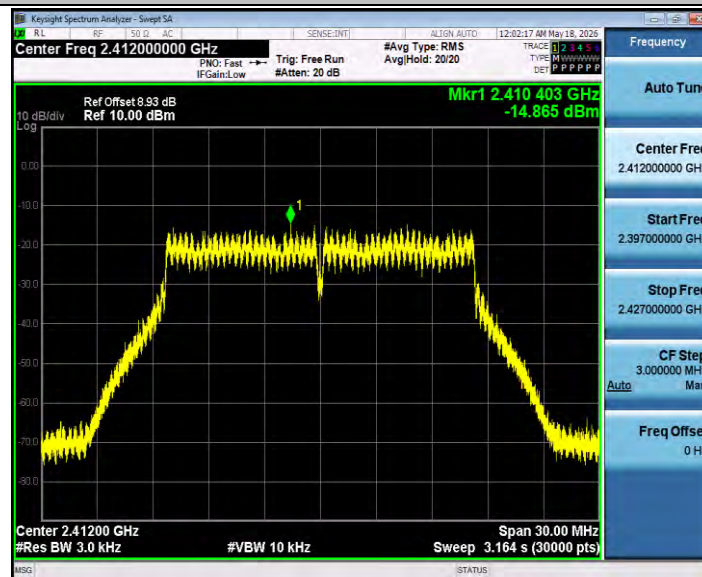
11B_Ant0_2437



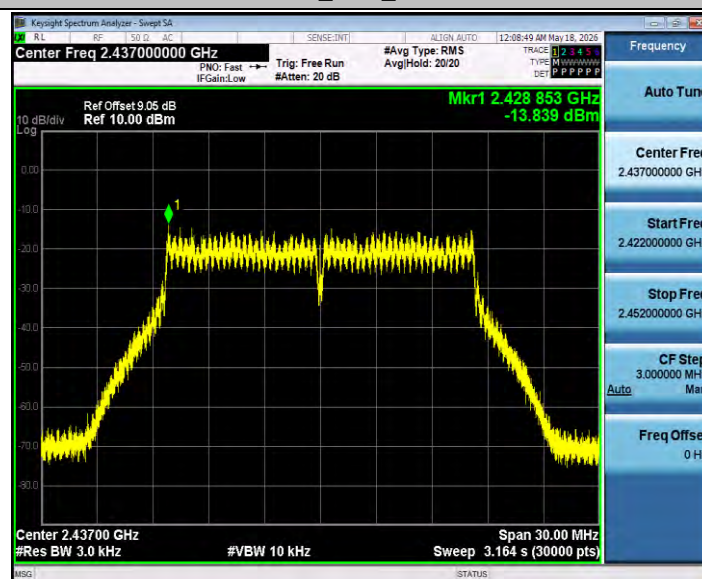
11B_Ant0_2462



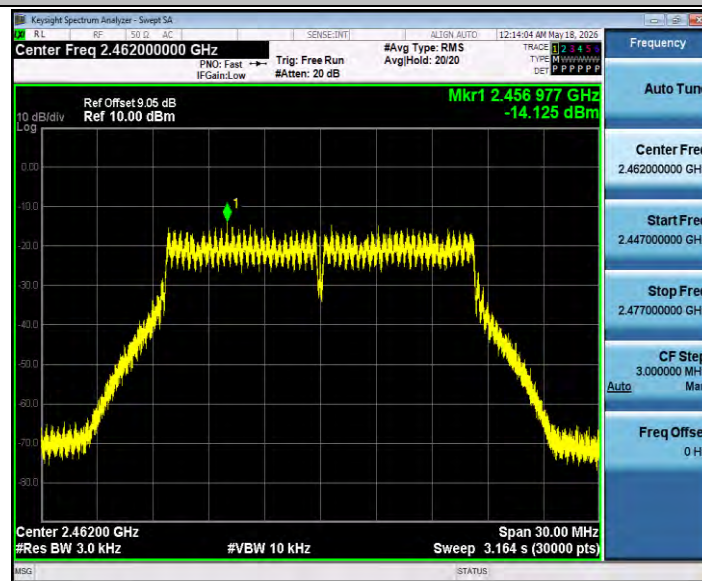
11G_Ant0_2412



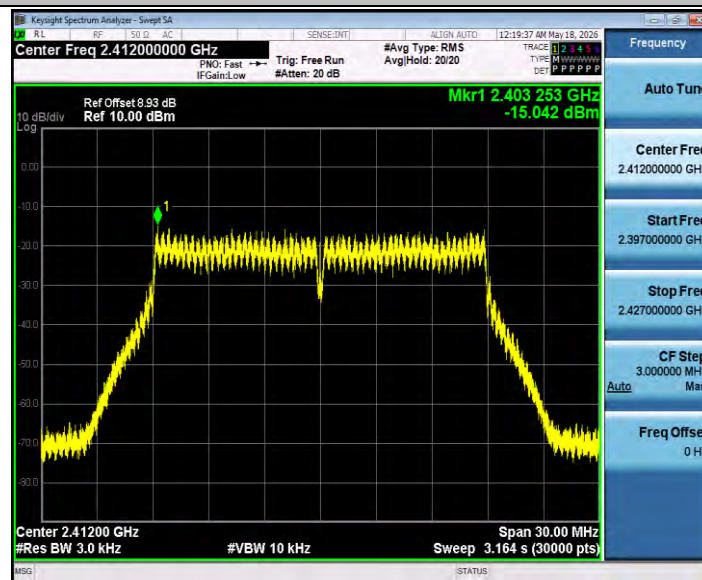
11G_Ant0_2437



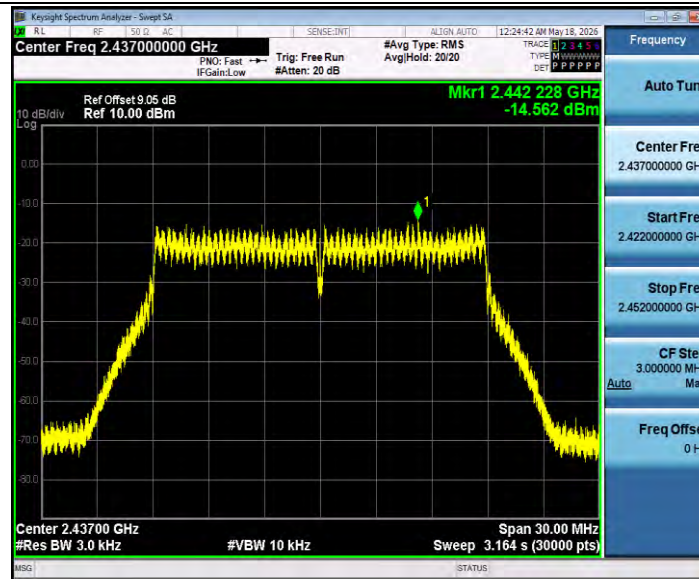
11G_Ant0_2462



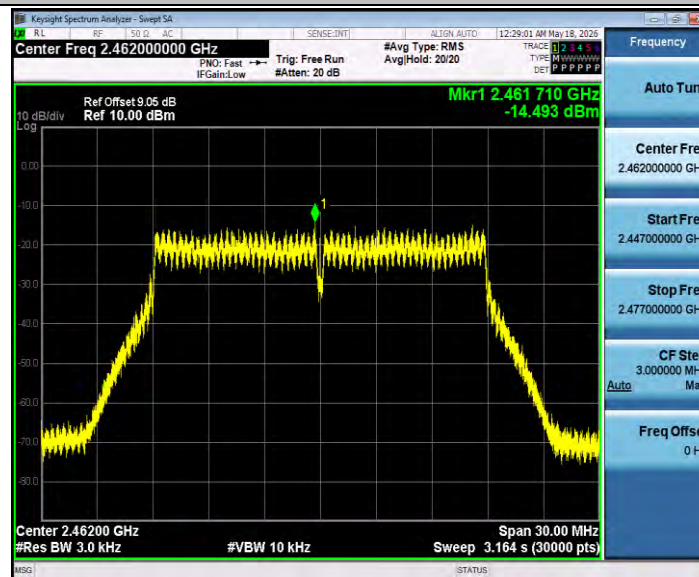
11N20SISO_Ant0_2412



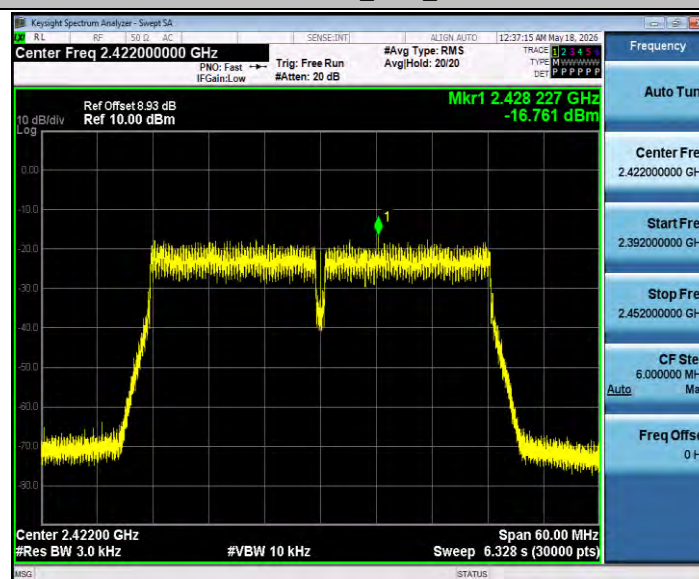
11N20SISO_Ant0_2437



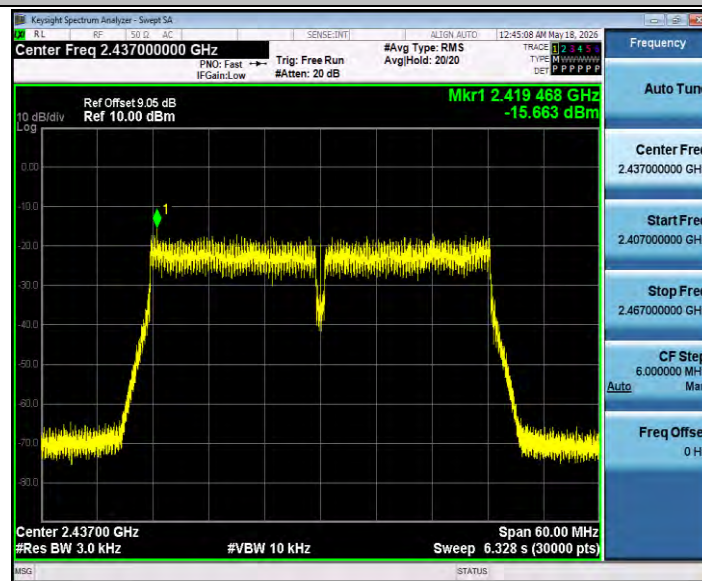
11N20SISO_Ant0_2462



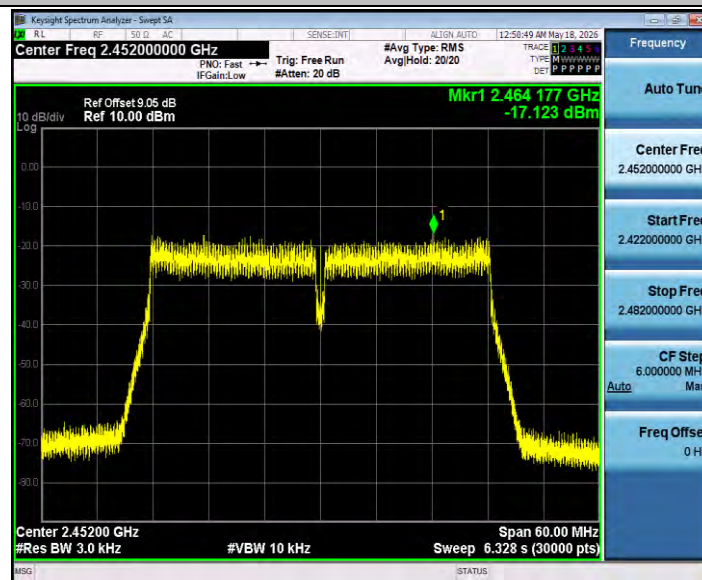
11N40SISO_Ant0_2422



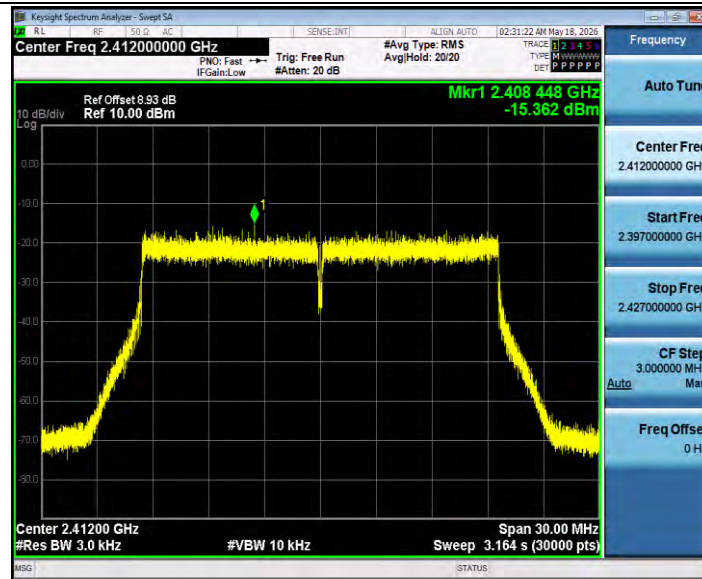
11N40SISO_Ant0_2437



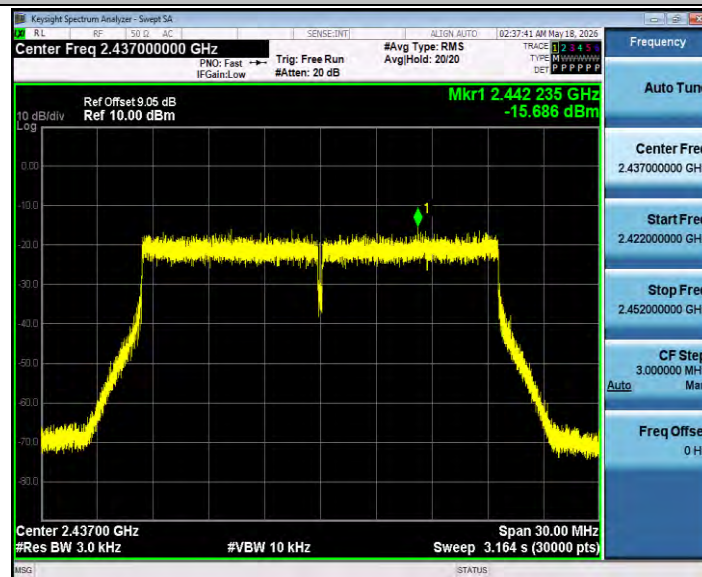
11N40SISO_Ant0_2452



11AX20SISO_Ant0_2412



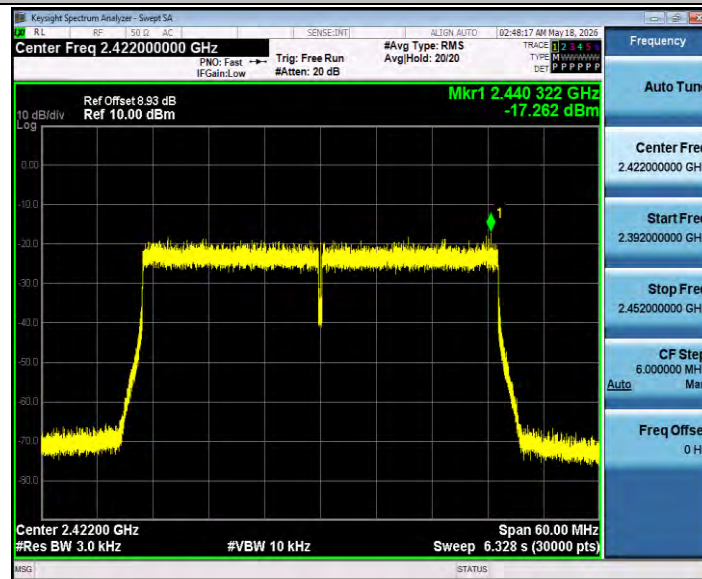
11AX20SISO_Ant0_2437



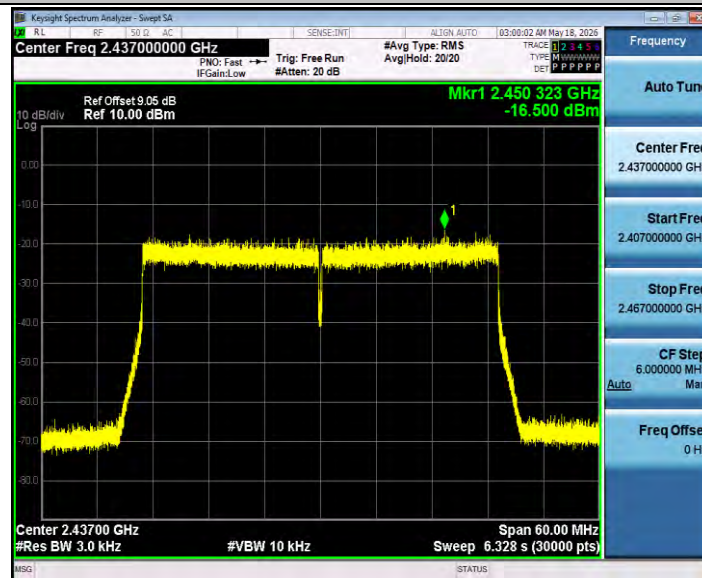
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

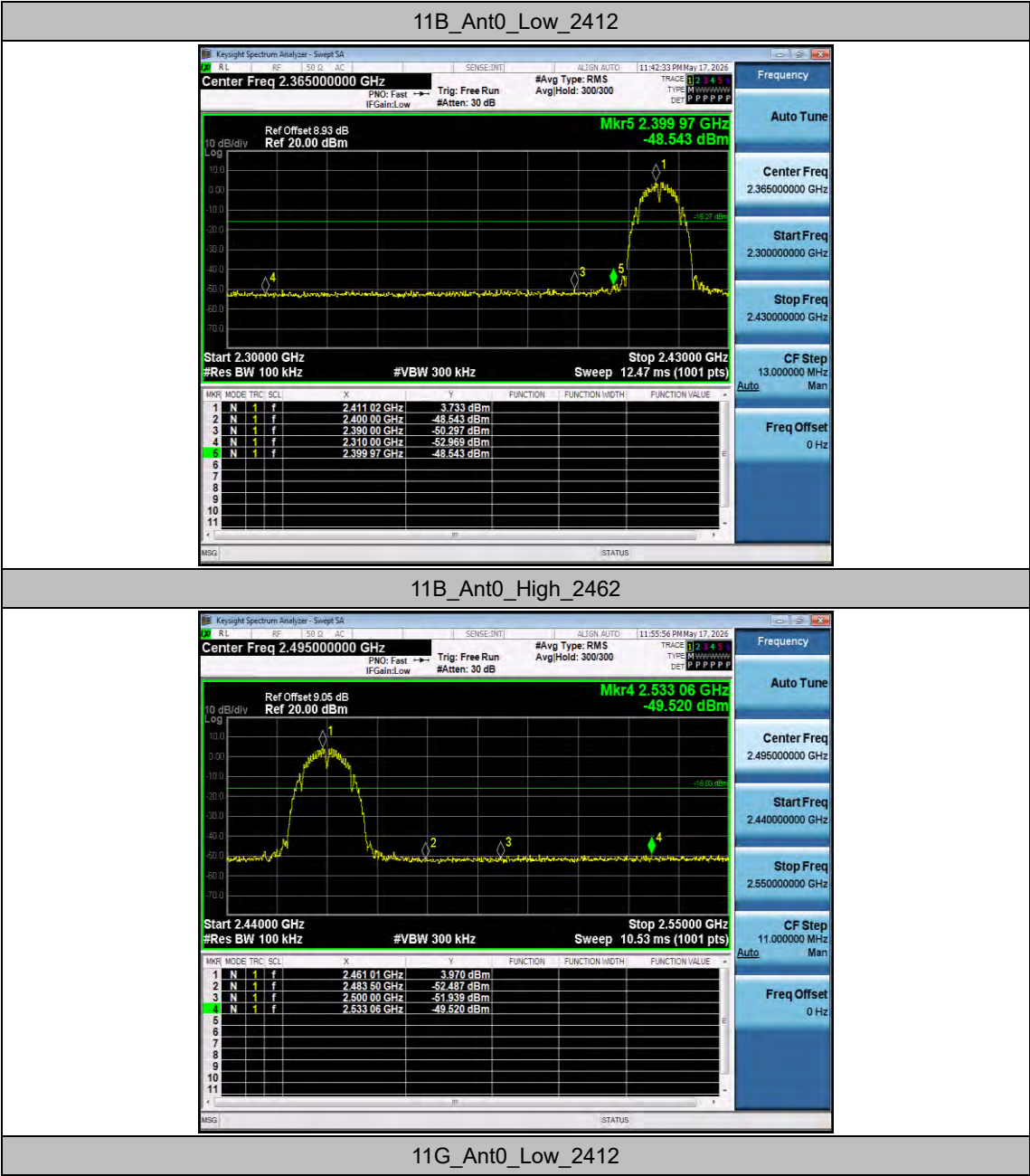


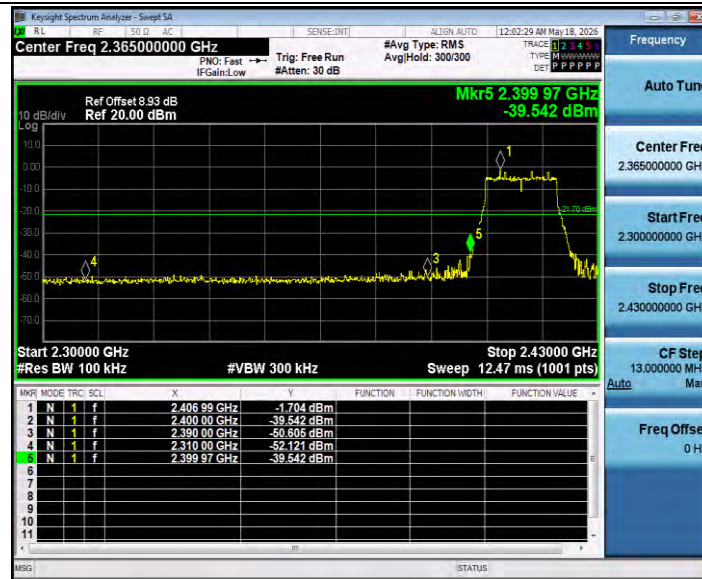
Appendix C.5:Band edge measurements

Test Result

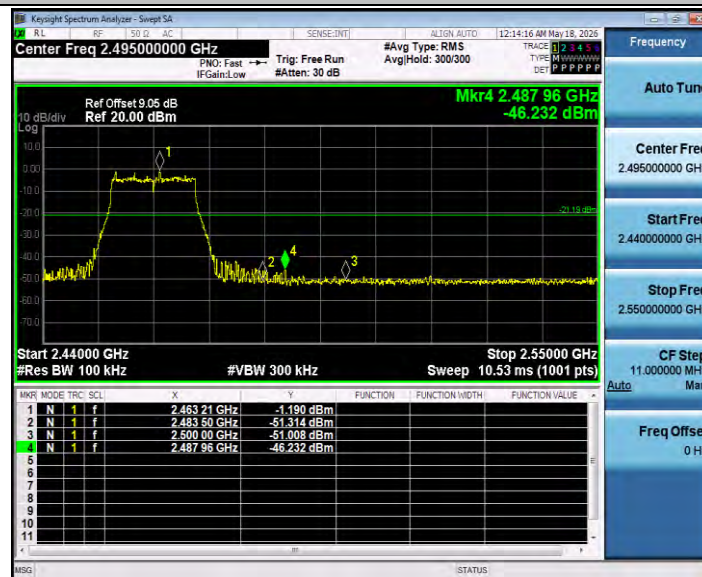
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	3.73	-48.54	≤-16.27	PASS
		High	2462	3.97	-49.52	≤-16.03	PASS
11G	Ant0	Low	2412	-1.70	-39.54	≤-21.7	PASS
		High	2462	-1.19	-46.23	≤-21.19	PASS
11N20SISO	Ant0	Low	2412	-1.75	-41.42	≤-21.75	PASS
		High	2462	-1.53	-46.77	≤-21.53	PASS
11N40SISO	Ant0	Low	2422	-3.69	-40.73	≤-23.69	PASS
		High	2452	-2.98	-48.61	≤-22.98	PASS
11AX20SISO	Ant0	Low	2412	-2.21	-41.15	≤-22.21	PASS
		High	2462	-1.60	-46.66	≤-21.6	PASS
11AX40SISO	Ant0	Low	2422	-3.67	-43.1	≤-23.67	PASS
		High	2452	-3.39	-47.89	≤-23.39	PASS

Test Graphs

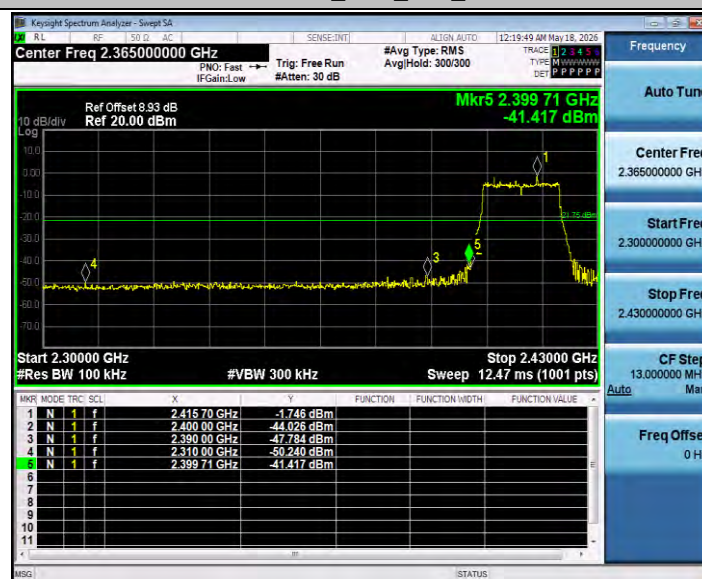




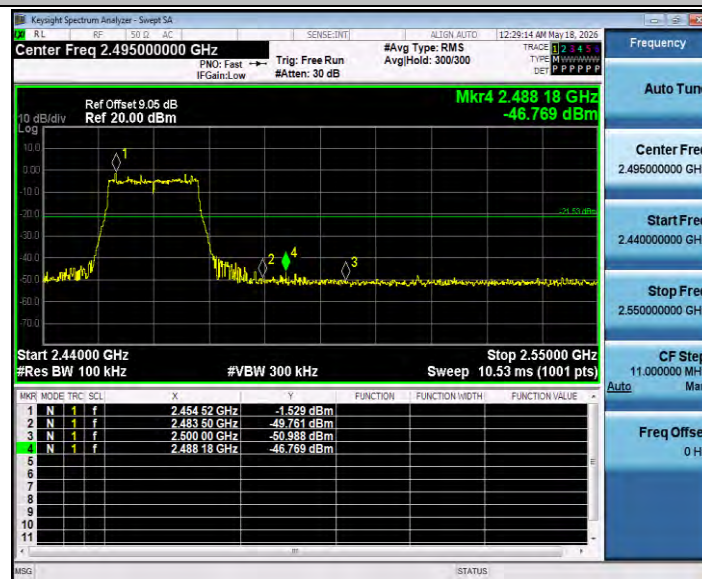
11G_Ant0_High_2462



11N20SISO_Ant0_Low_2412



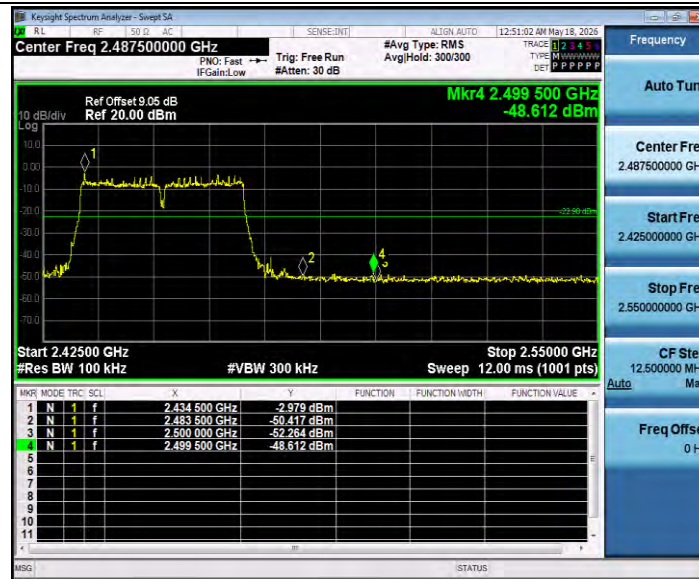
11N20SISO_Ant0_High_2462



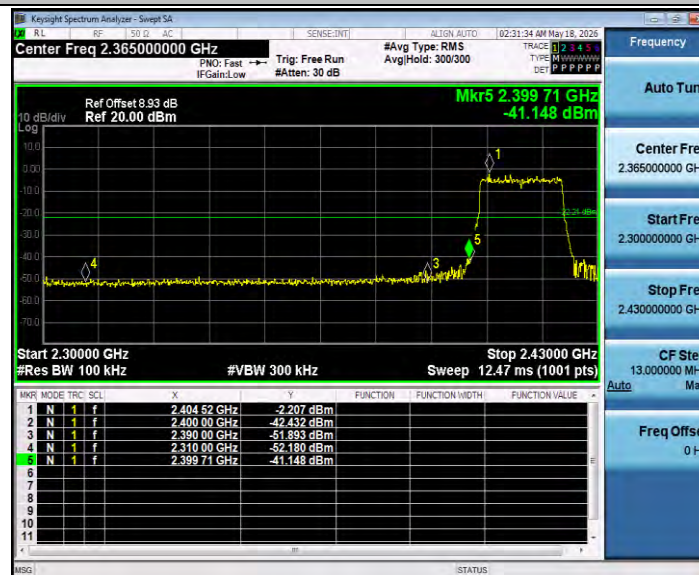
11N40SISO_Ant0_Low_2422



11N40SISO_Ant0_High_2452



11AX20SISO_Ant0_Low_2412



11AX20SISO_Ant0_High_2462



11AX40SISO_Ant0_Low_2422



11AX40SISO_Ant0_High_2452

