

Case No. : <u>GTS20251122004-1-12</u>
Ambient Condition: <u>25℃,49%RH,</u>
Test Date: <u>2026.4.9-2026.4.22</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	8.080	2407.960	2416.040	0.5	PASS
		2437	8.120	2432.920	2441.040	0.5	PASS
		2462	8.120	2457.920	2466.040	0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	0.5	PASS
		2437	16.440	2428.760	2445.200	0.5	PASS
		2462	16.480	2453.760	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.840	2403.080	2420.920	0.5	PASS
		2437	17.840	2428.120	2445.960	0.5	PASS
		2462	17.880	2453.080	2470.960	0.5	PASS
11N40SISO	Ant1	2422	37.040	2403.440	2440.480	0.5	PASS
		2437	36.560	2418.760	2455.320	0.5	PASS
		2452	36.800	2433.680	2470.480	0.5	PASS
11AX20SISO	Ant1	2412	19.000	2402.440	2421.440	0.5	PASS
		2437	19.080	2427.440	2446.520	0.5	PASS
		2462	18.880	2452.560	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	38.160	2402.880	2441.040	0.5	PASS
		2437	38.000	2418.120	2456.120	0.5	PASS
		2452	37.760	2433.200	2470.960	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



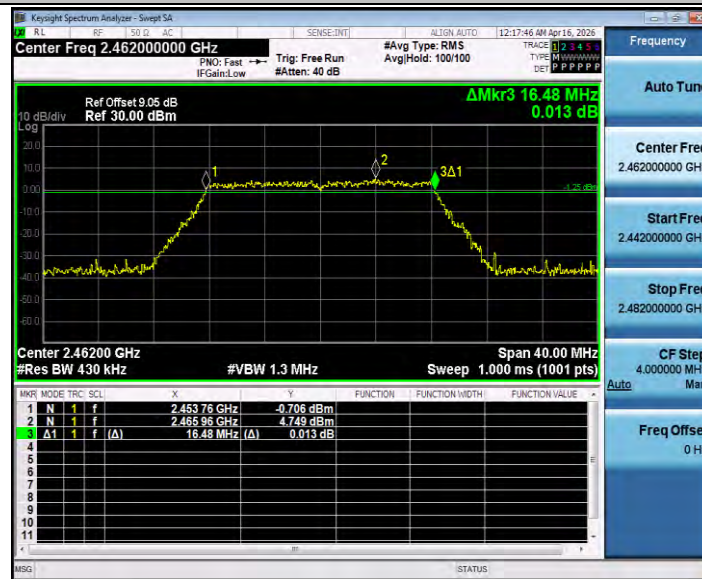
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



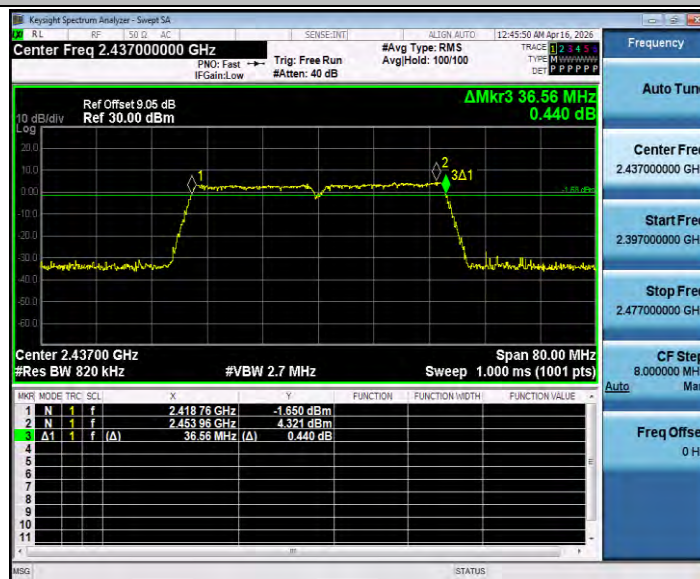
11N20SISO_Ant1_2462



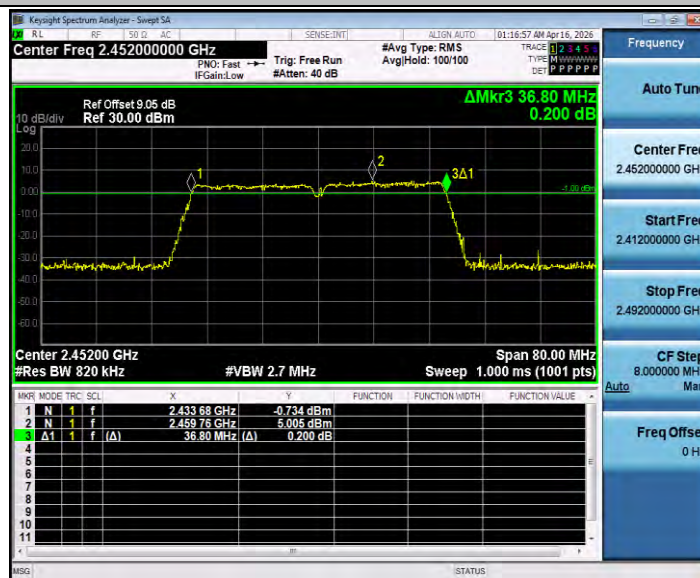
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



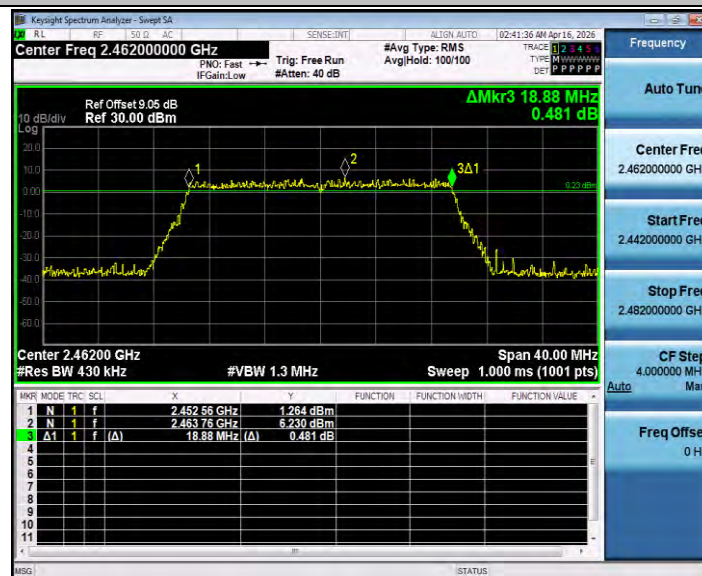
11AX20SISO_Ant1_2412



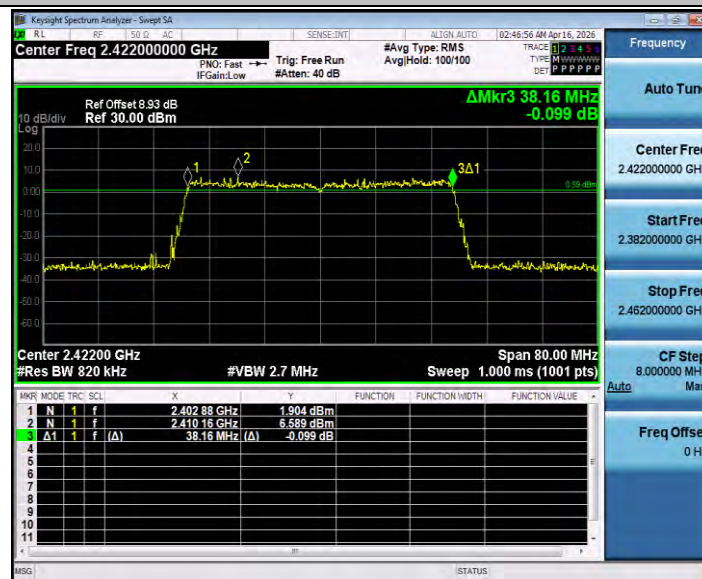
11AX20SISO_Ant1_2437



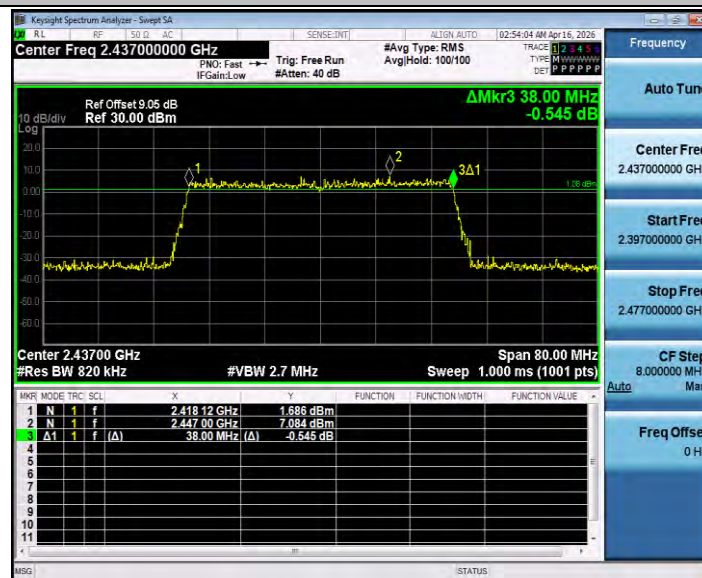
11AX20SISO_Ant1_2462



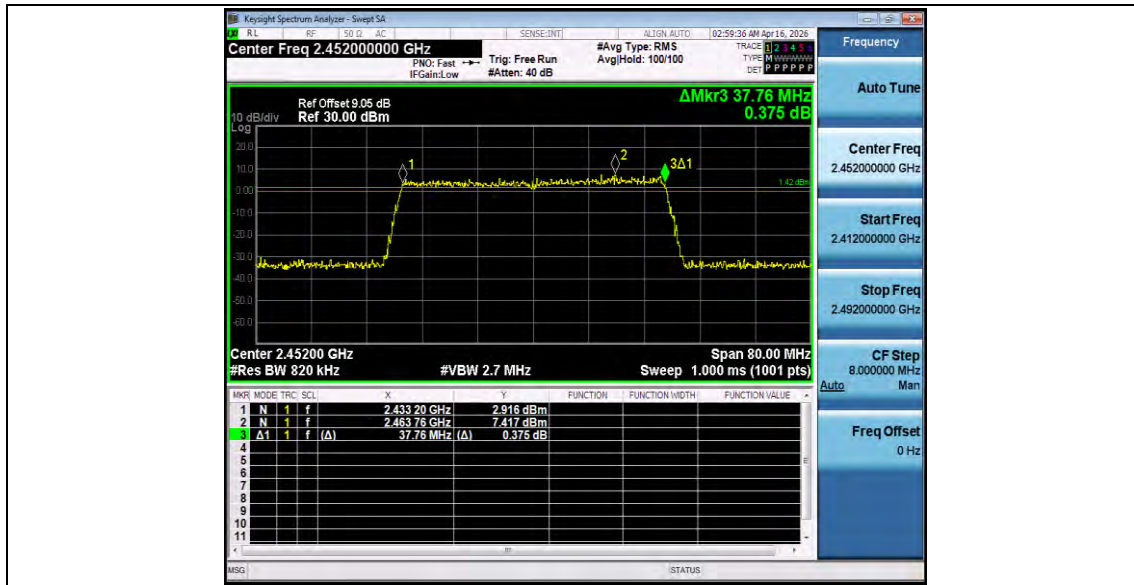
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



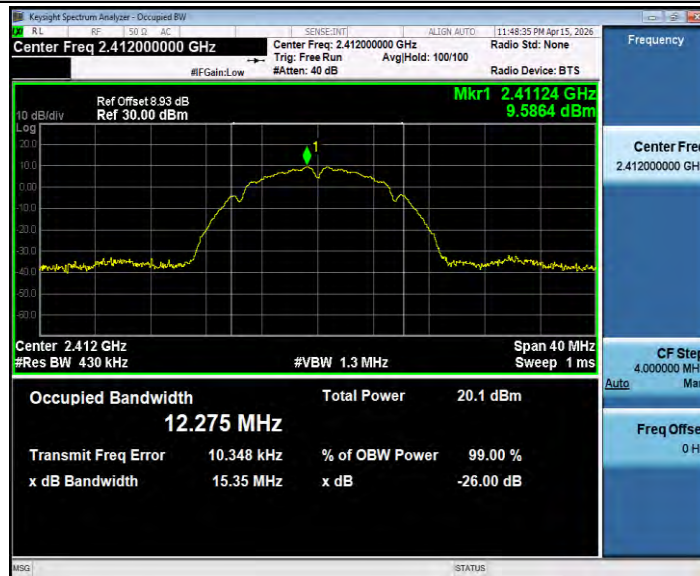
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.275	2405.8729	2418.1479	---	---
		2437	12.333	2430.7861	2443.1191	---	---
		2462	12.277	2455.8218	2468.0988	---	---
11G	Ant1	2412	17.174	2403.4286	2420.6026	---	---
		2437	17.295	2428.3956	2445.6906	---	---
		2462	17.143	2453.4525	2470.5955	---	---
11N20SISO	Ant1	2412	18.254	2402.9068	2421.1608	---	---
		2437	18.276	2427.8940	2446.1700	---	---
		2462	18.228	2452.9125	2471.1405	---	---
11N40SISO	Ant1	2422	36.779	2403.6272	2440.4062	---	---
		2437	36.664	2418.7542	2455.4182	---	---
		2452	36.714	2433.7119	2470.4259	---	---
11AX20SISO	Ant1	2412	19.295	2402.3579	2421.6529	---	---
		2437	19.310	2427.3478	2446.6578	---	---
		2462	19.249	2452.3858	2471.6348	---	---
11AX40SISO	Ant1	2422	38.145	2402.9516	2441.0966	---	---
		2437	38.118	2417.9621	2456.0801	---	---
		2452	38.025	2433.0258	2471.0508	---	---

Test Graphs

11B_Ant1_2412



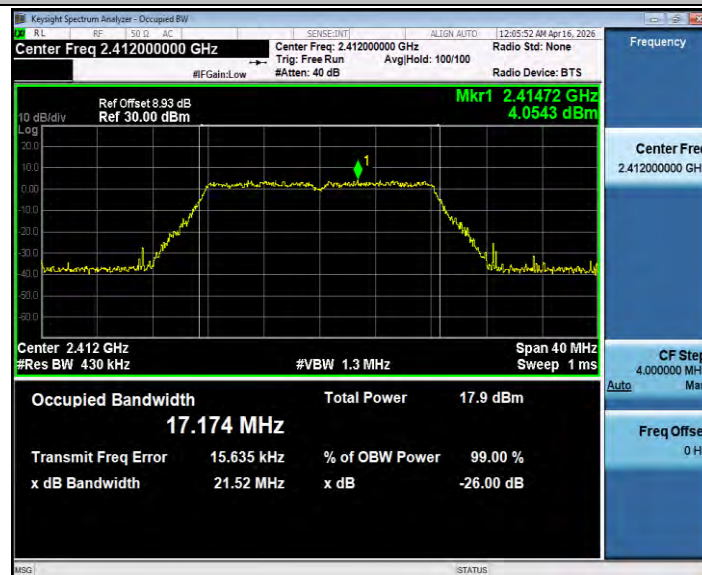
11B_Ant1_2437



11B_Ant1_2462



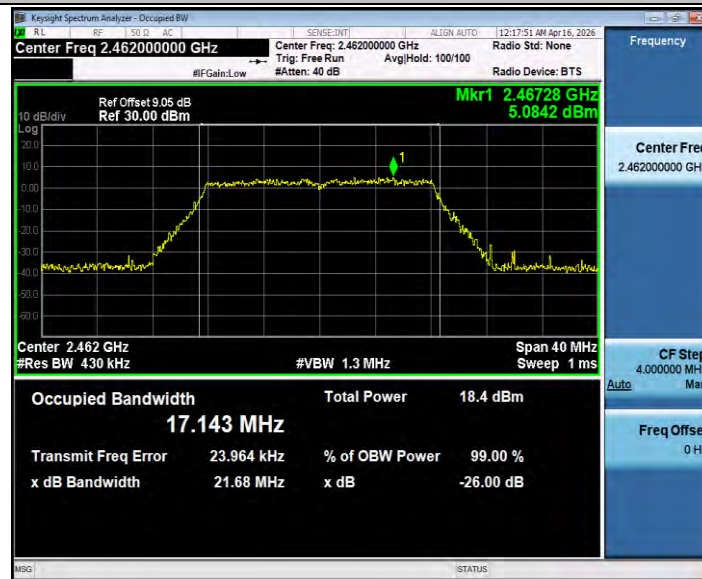
11G_Ant1_2412



11G_Ant1_2437



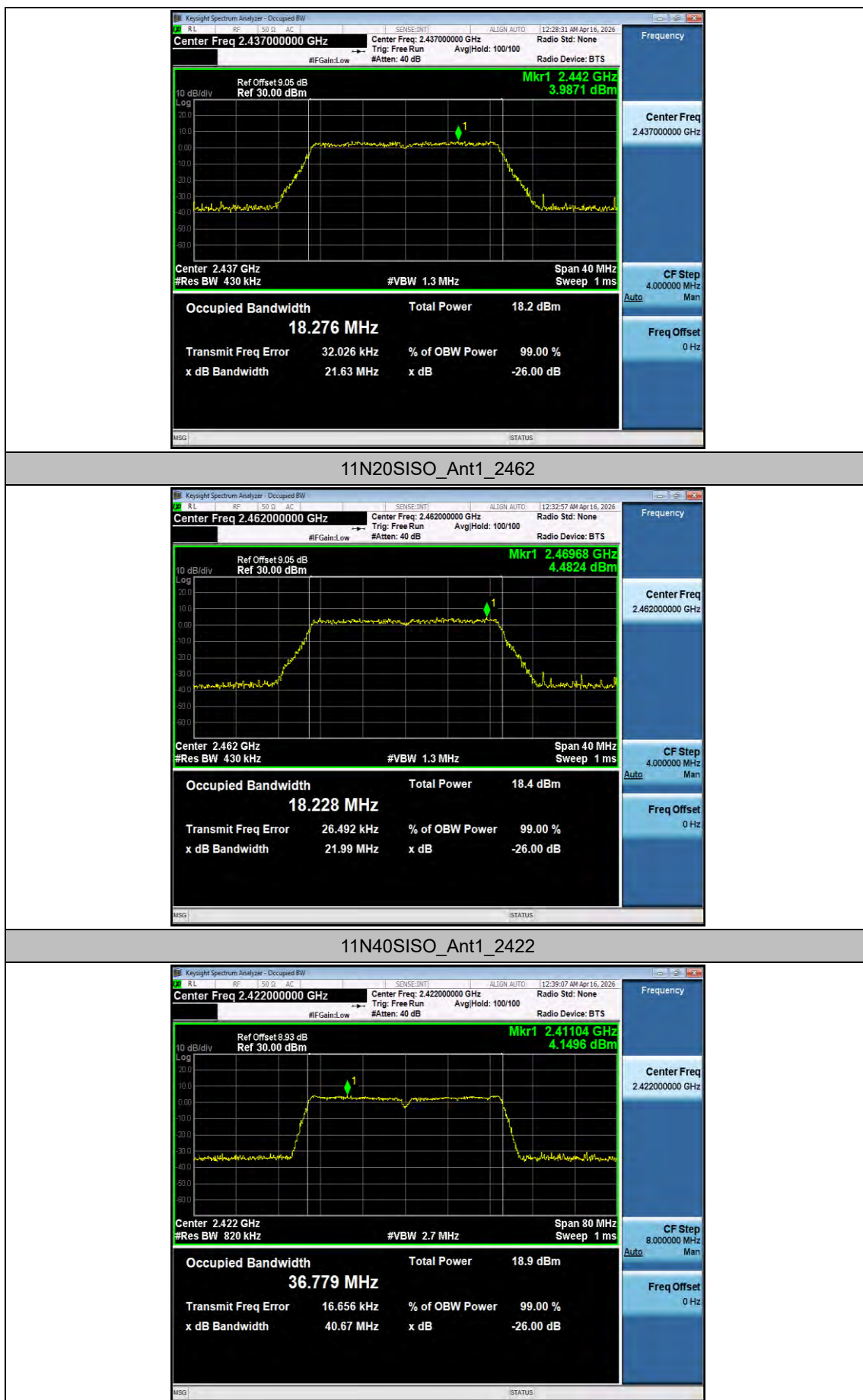
11G_Ant1_2462



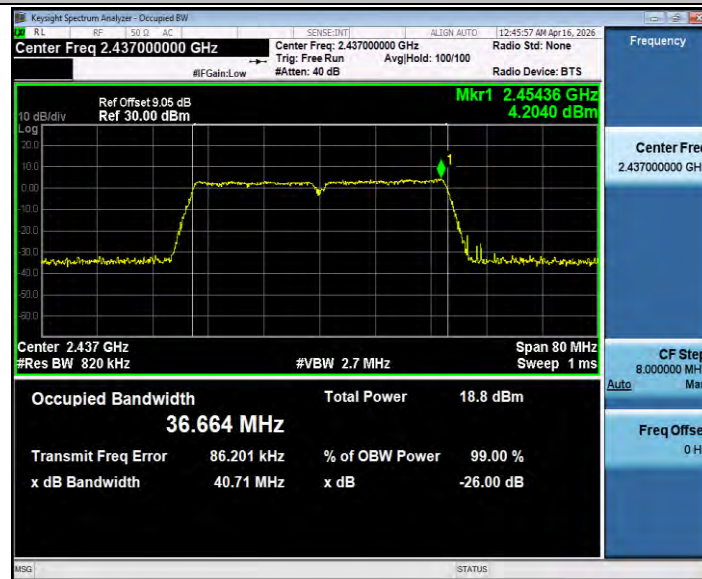
11N20SISO_Ant1_2412



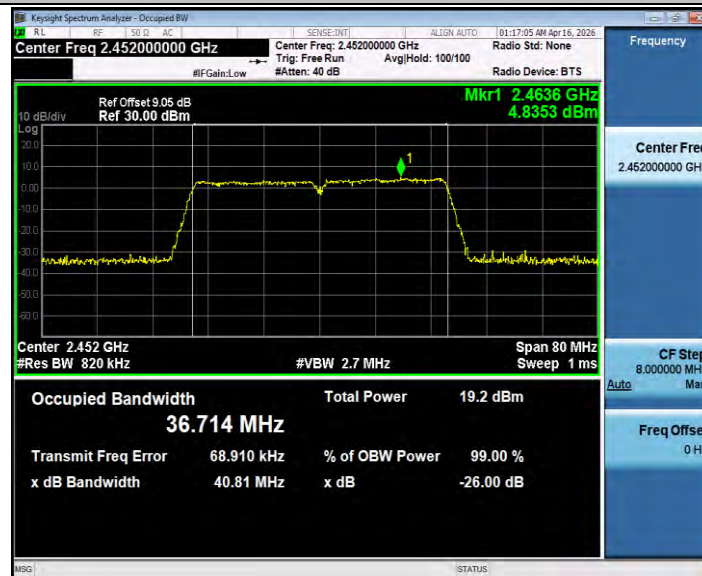
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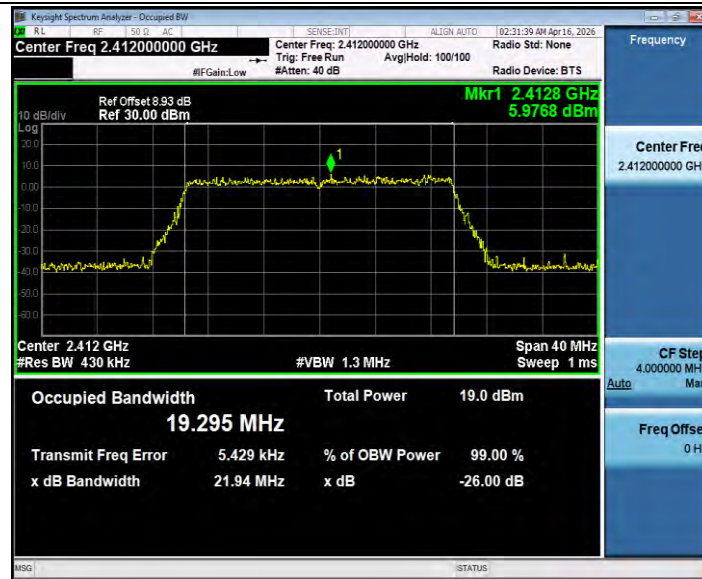
11N40SISO_Ant1_2437



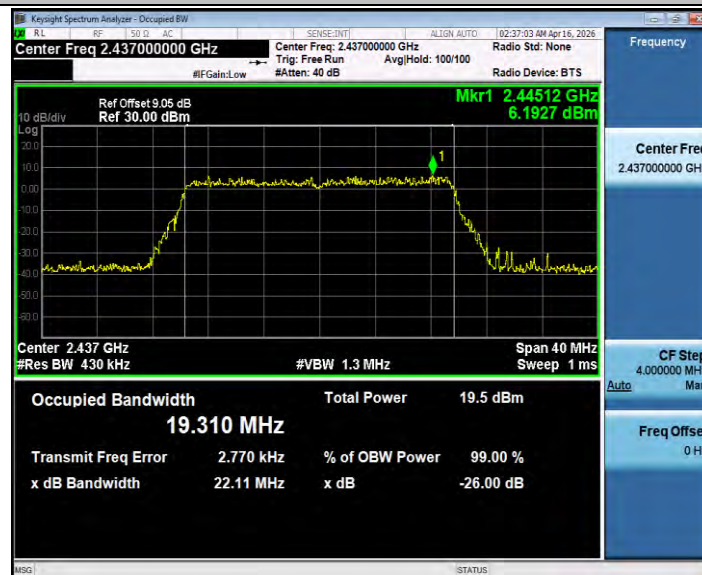
11N40SISO_Ant1_2452



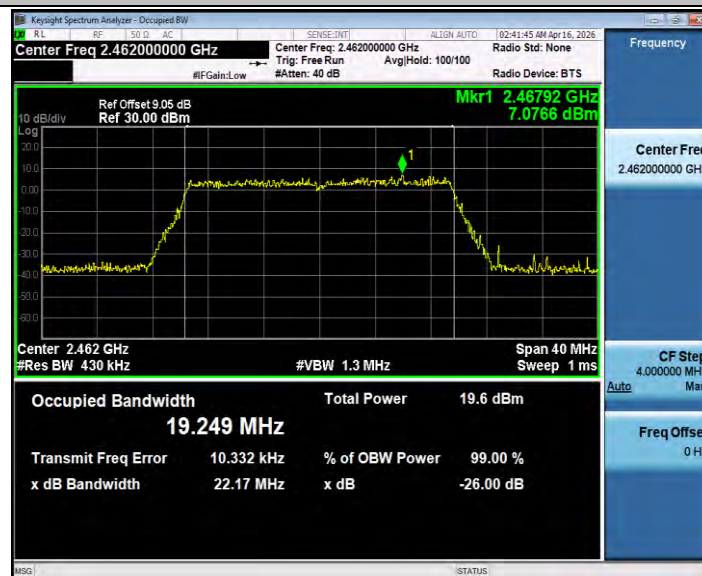
11AX20SISO_Ant1_2412



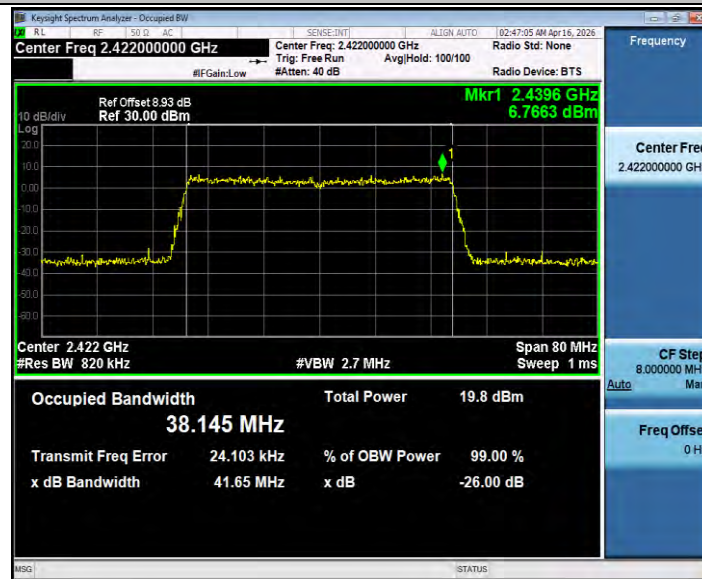
11AX20SISO_Ant1_2437



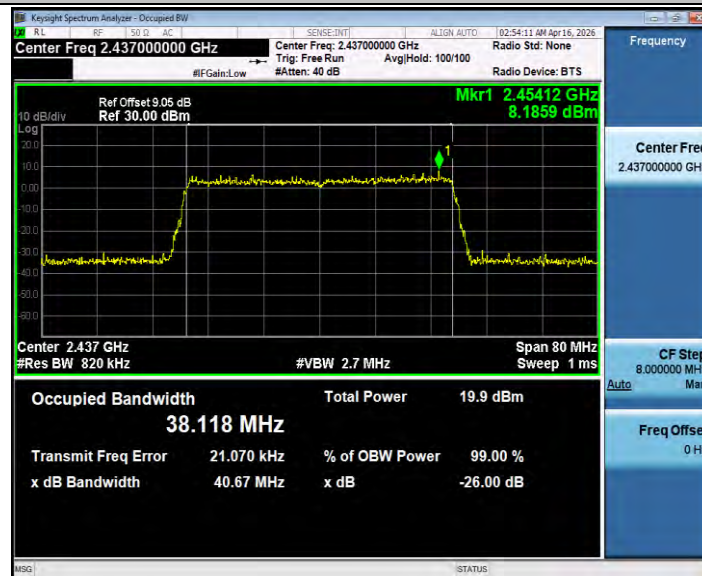
11AX20SISO_Ant1_2462



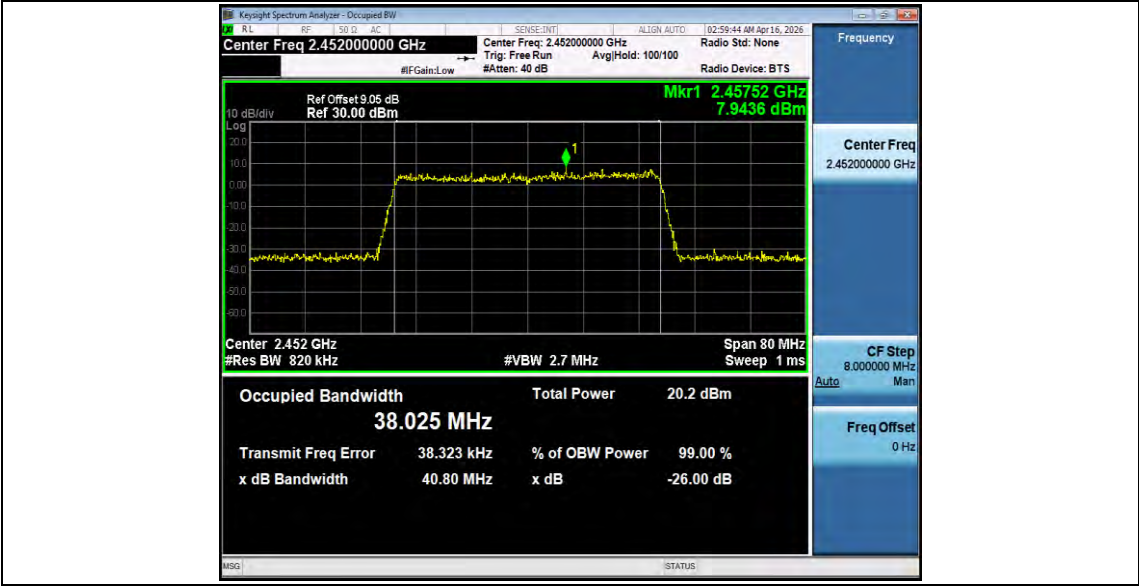
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

TestMode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	19.80	≤30.00	PASS
		2437	20.21	≤30.00	PASS
		2462	20.86	≤30.00	PASS
11G	Ant1	2412	19.12	≤30.00	PASS
		2437	19.41	≤30.00	PASS
		2462	19.55	≤30.00	PASS
11N20SISO	Ant1	2412	19.17	≤30.00	PASS
		2437	19.42	≤30.00	PASS
		2462	19.57	≤30.00	PASS
11N40SISO	Ant1	2422	19.27	≤30.00	PASS
		2437	19.24	≤30.00	PASS
		2452	19.51	≤30.00	PASS
11AX20SISO	Ant1	2412	19.94	≤30.00	PASS
		2437	20.33	≤30.00	PASS
		2462	20.38	≤30.00	PASS
11AX40SISO	Ant1	2422	20.04	≤30.00	PASS
		2437	20.04	≤30.00	PASS
		2452	20.38	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

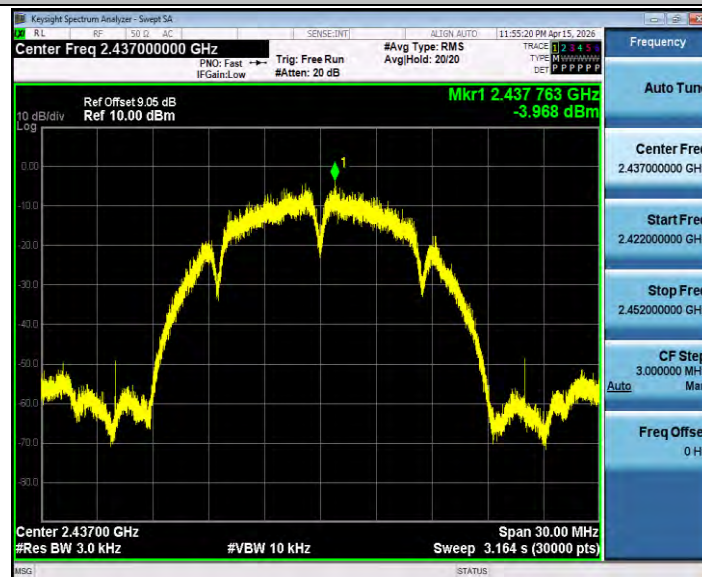
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.58	≤8.00	PASS
		2437	-3.97	≤8.00	PASS
		2462	-3.49	≤8.00	PASS
11G	Ant1	2412	-13.15	≤8.00	PASS
		2437	-12.66	≤8.00	PASS
		2462	-12.42	≤8.00	PASS
11N20SISO	Ant1	2412	-13.01	≤8.00	PASS
		2437	-12.75	≤8.00	PASS
		2462	-11.87	≤8.00	PASS
11N40SISO	Ant1	2422	-16.26	≤8.00	PASS
		2437	-15.84	≤8.00	PASS
		2452	-14.57	≤8.00	PASS
11AX20SISO	Ant1	2412	-13.19	≤8.00	PASS
		2437	-13.25	≤8.00	PASS
		2462	-13.06	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.35	≤8.00	PASS
		2437	-15.50	≤8.00	PASS
		2452	-15.22	≤8.00	PASS

Test Graphs

11B_Ant1_2412



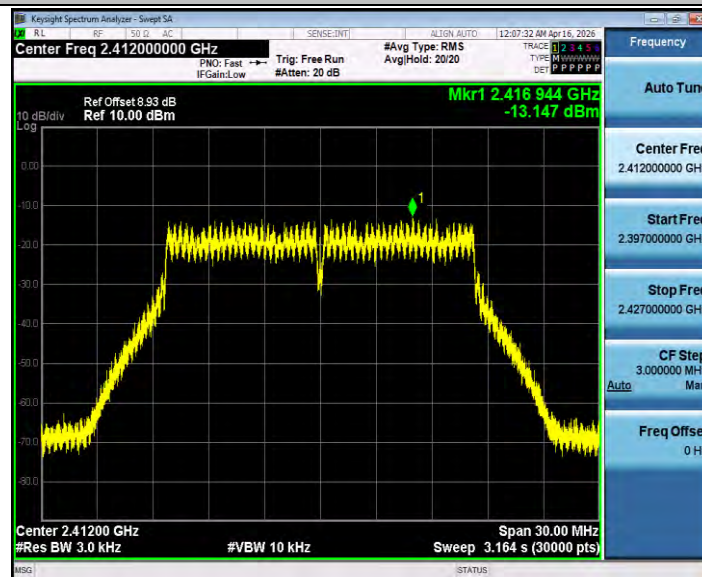
11B_Ant1_2437



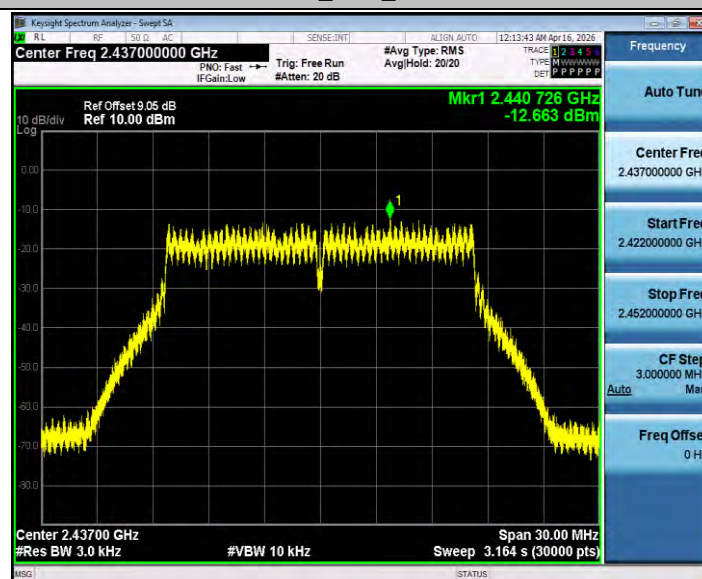
11B_Ant1_2462



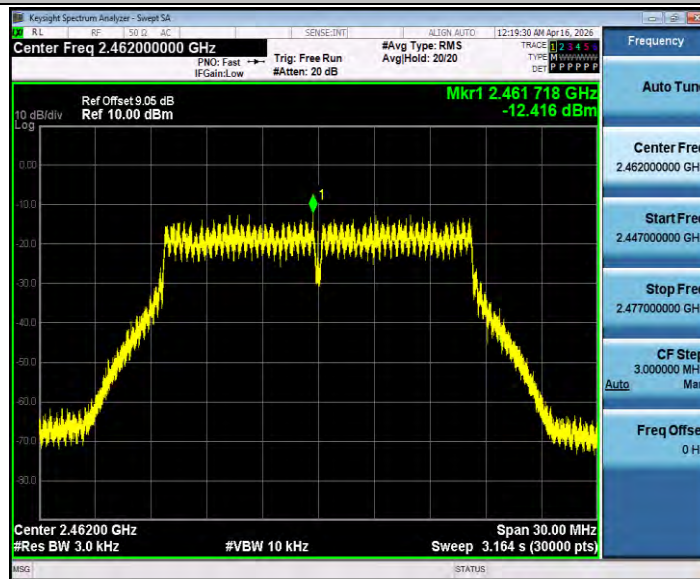
11G_Ant1_2412



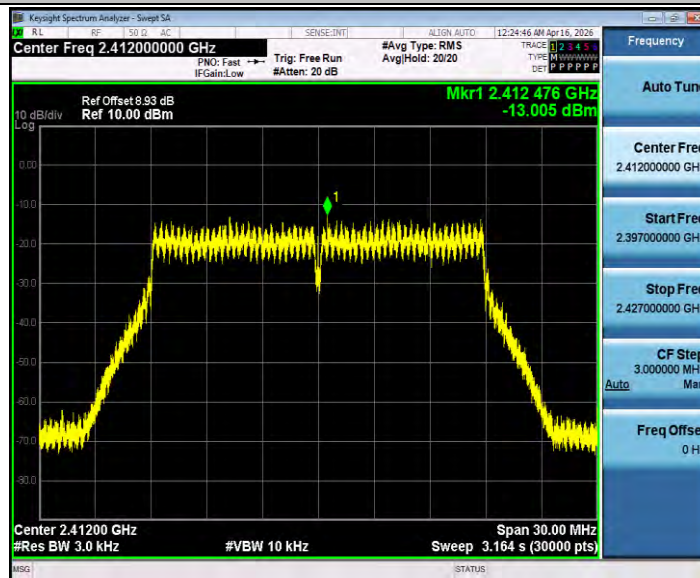
11G_Ant1_2437



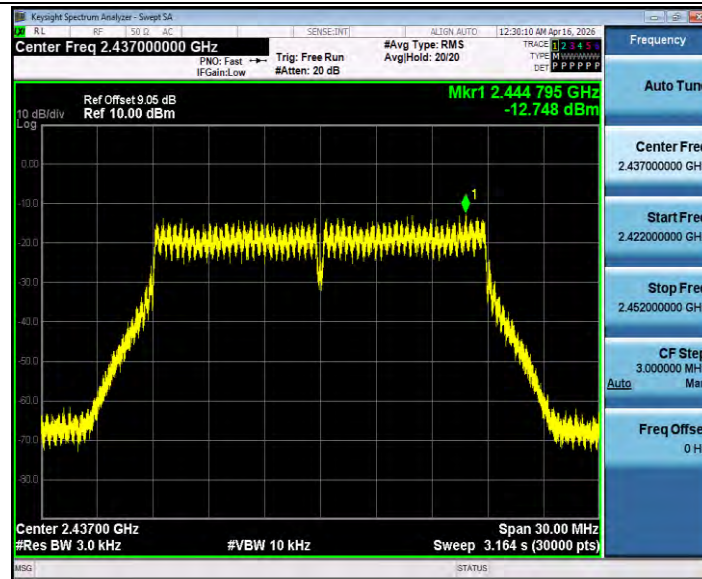
11G_Ant1_2462



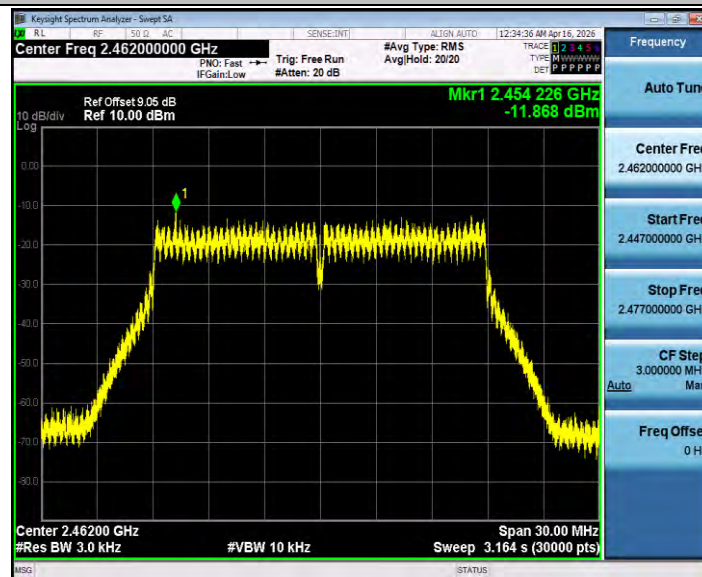
11N20SISO_Ant1_2412



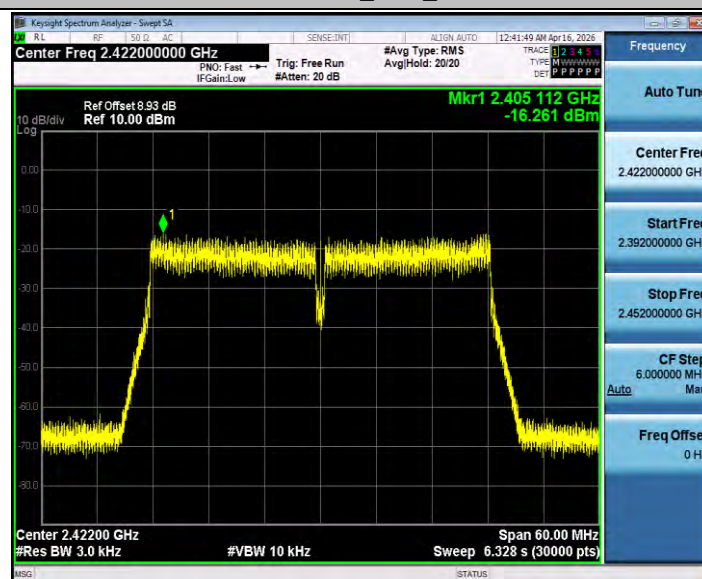
11N20SISO_Ant1_2437



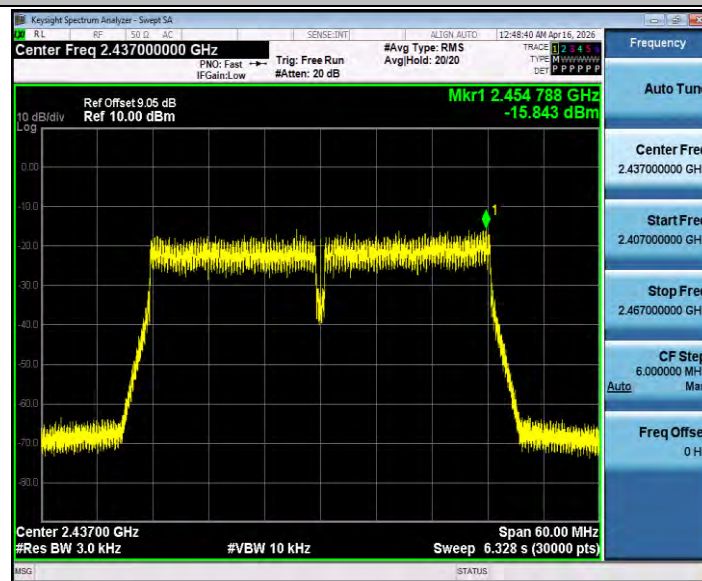
11N20SISO_Ant1_2462



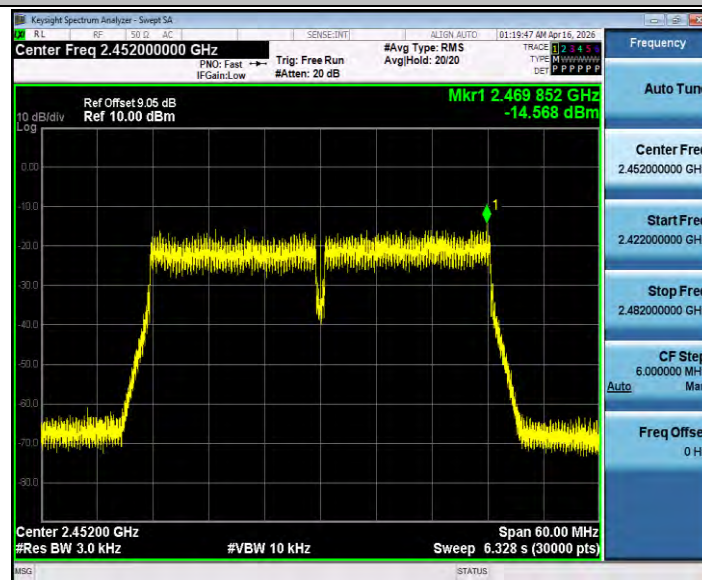
11N40SISO_Ant1_2422



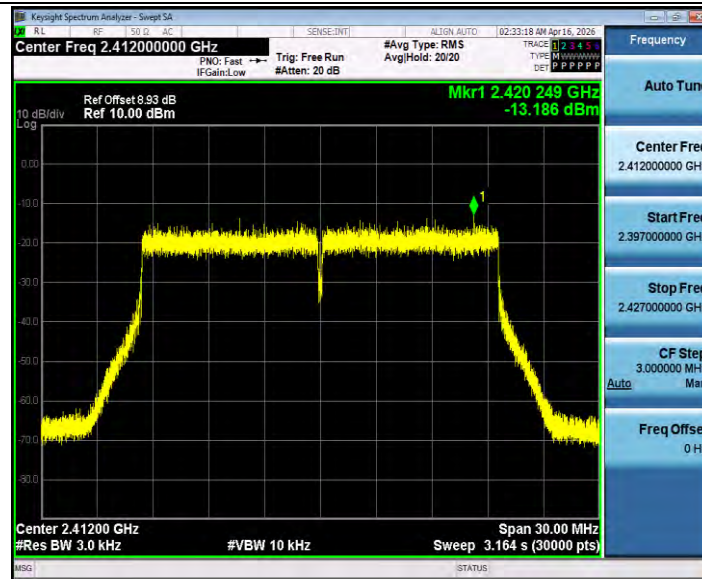
11N40SISO_Ant1_2437



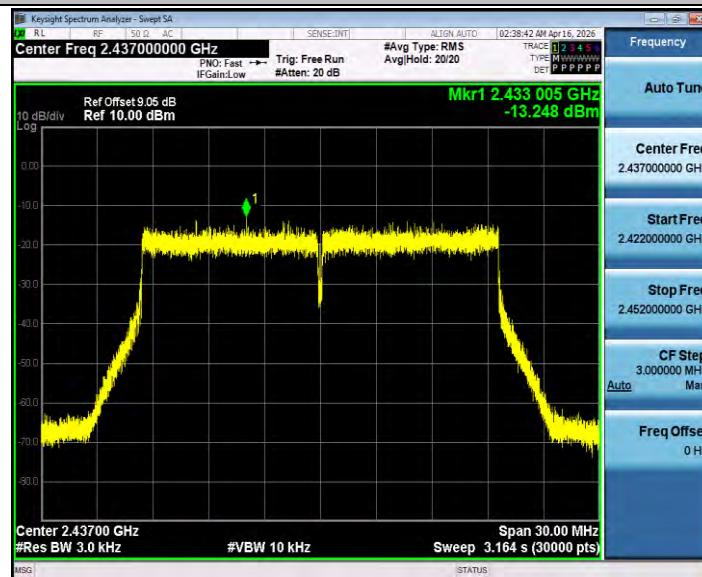
11N40SISO_Ant1_2452



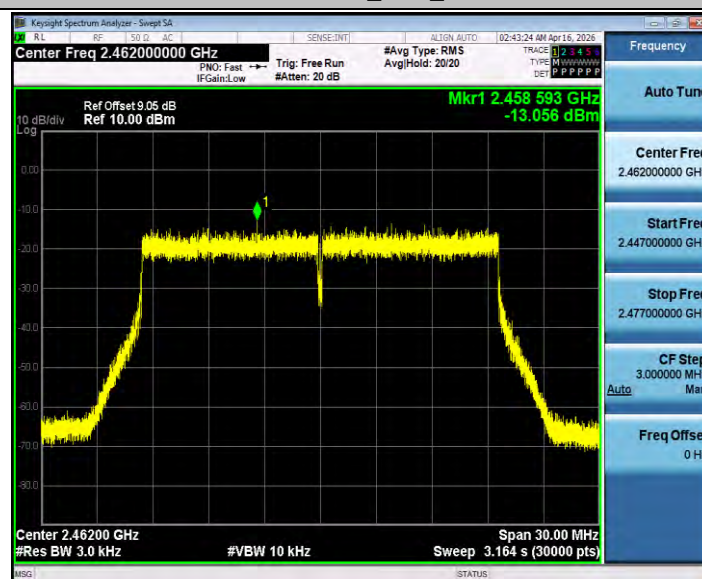
11AX20SISO_Ant1_2412



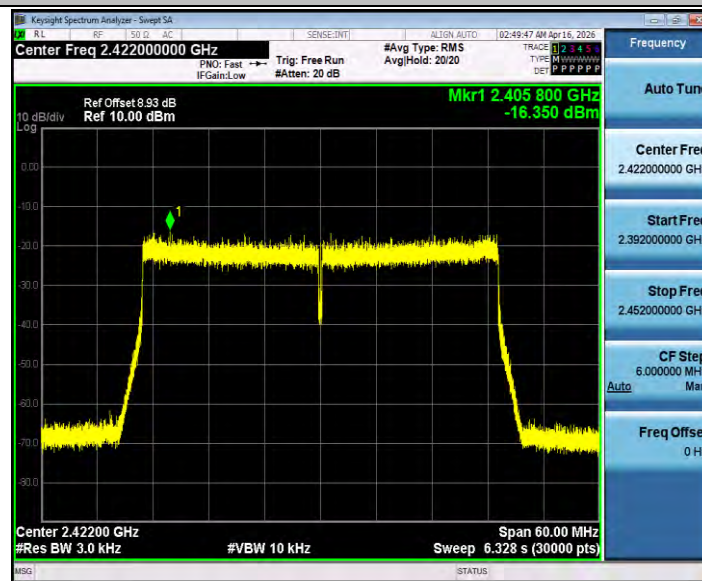
11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

Appendix C.5:Band edge measurements

Test Result

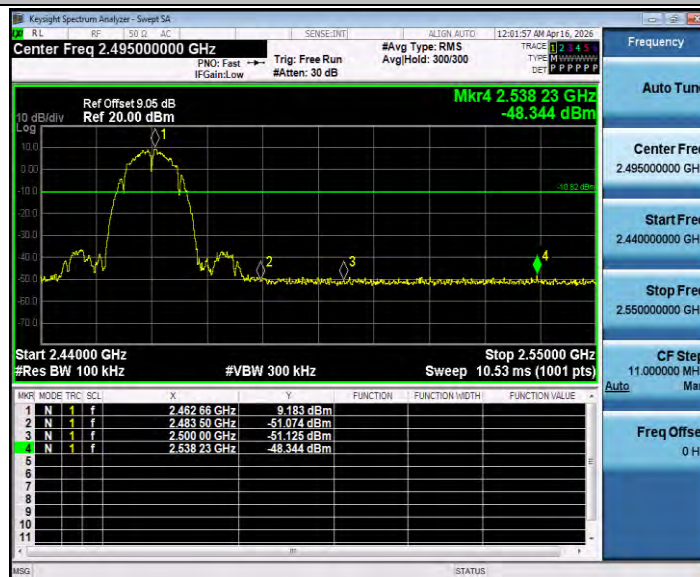
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.84	-39.63	≤ -11.16	PASS
		High	2462	9.18	-48.34	≤ -10.82	PASS
11G	Ant1	Low	2412	0.51	-43.94	≤ -19.49	PASS
		High	2462	0.65	-45.78	≤ -19.35	PASS
11N20SISO	Ant1	Low	2412	-0.12	-39.55	≤ -20.12	PASS
		High	2462	0.23	-45.77	≤ -19.77	PASS
11N40SISO	Ant1	Low	2422	-2.00	-42.33	≤ -22	PASS
		High	2452	-0.69	-45.09	≤ -20.69	PASS
11AX20SISO	Ant1	Low	2412	0.01	-39.32	≤ -19.99	PASS
		High	2462	1.16	-45.38	≤ -18.85	PASS
11AX40SISO	Ant1	Low	2422	-2.39	-42.45	≤ -22.39	PASS
		High	2452	-1.06	-47.57	≤ -21.06	PASS

Test Graphs

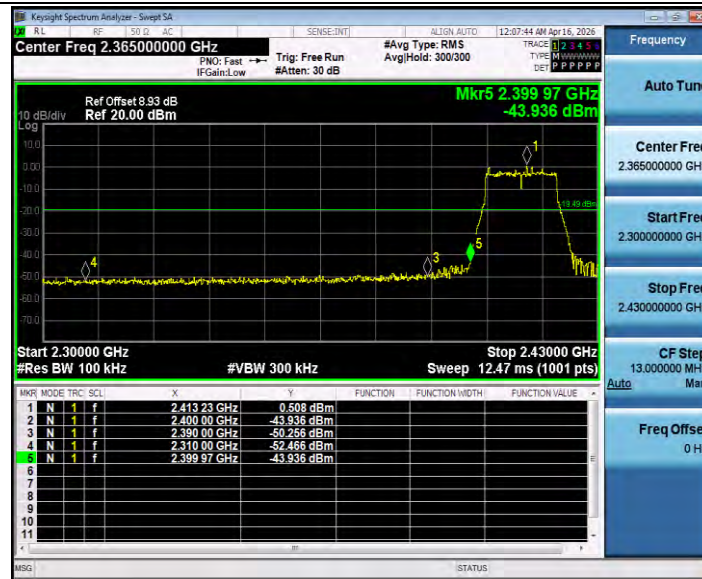
11B_Ant1_Low_2412



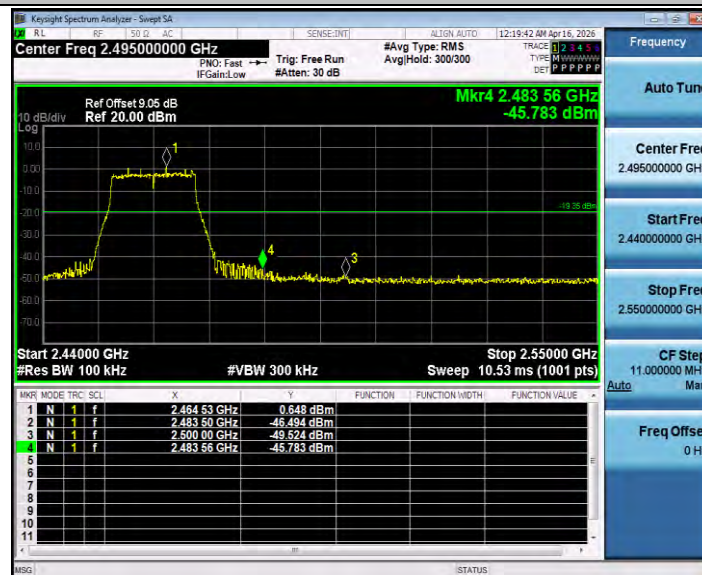
11B_Ant1_High_2462



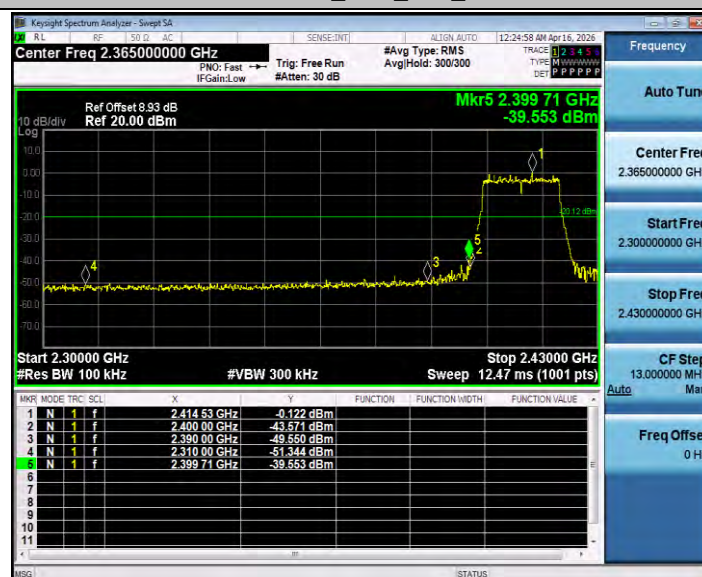
11G_Ant1_Low_2412



11G_Ant1_High_2462



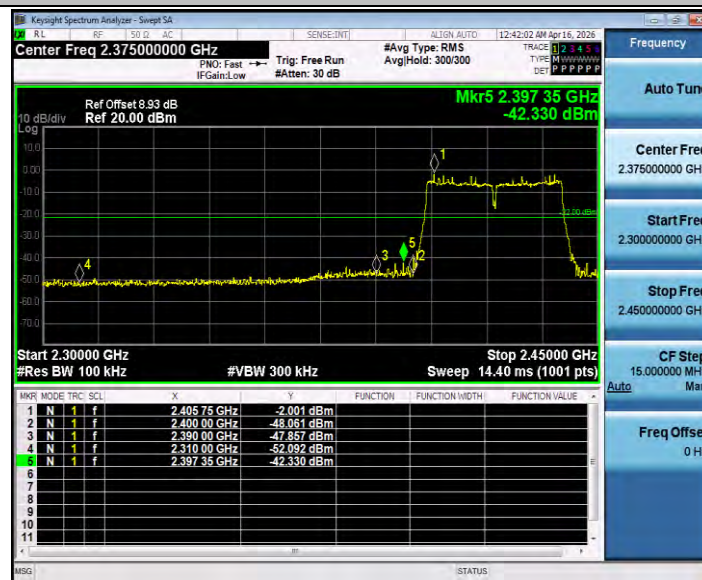
11N20SISO_Ant1_Low_2412



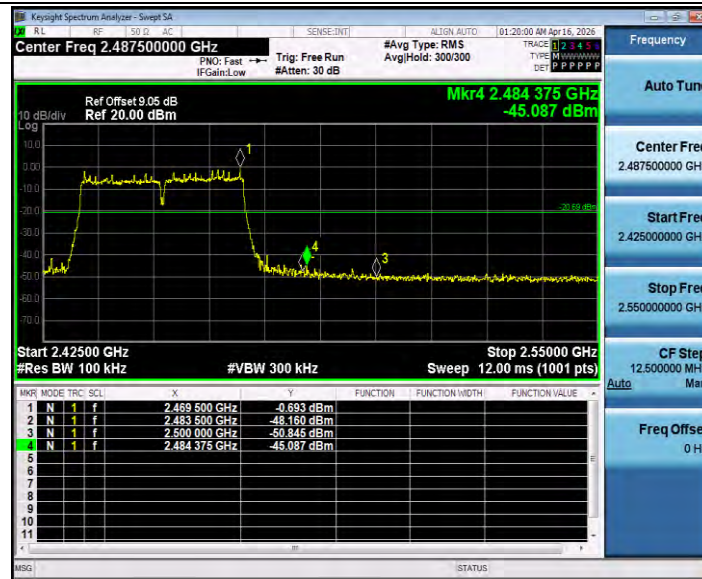
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



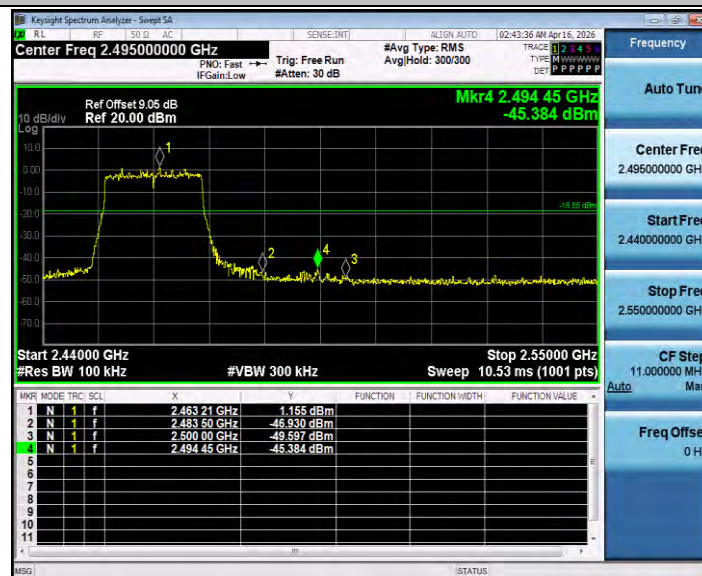
11N40SISO_Ant1_High_2452



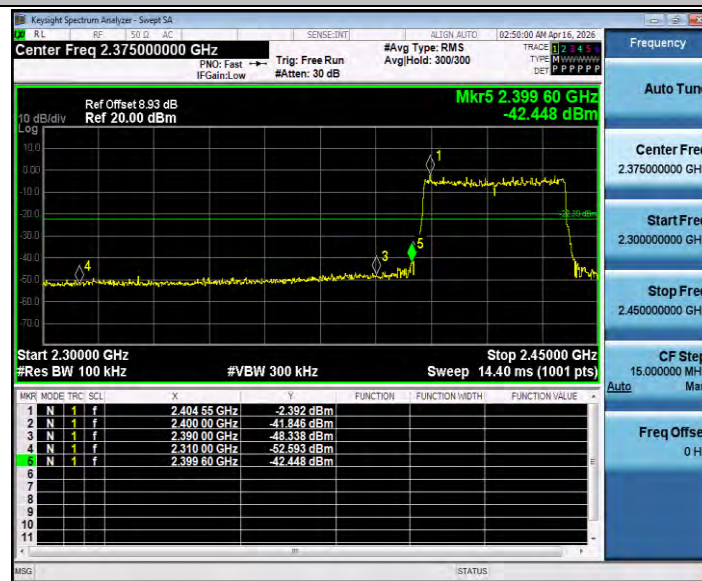
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

