

Case No. : <u>GTS20250219002-1-05</u>	
Ambient Condition: <u>22</u> °C, <u>53</u> %RH,	
Test Date: <u>2025.3.13</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	9.000	2407.480	2416.480	0.5	PASS
		2437	8.080	2432.920	2441.000	0.5	PASS
		2462	9.520	2457.480	2467.000	0.5	PASS
11G	Ant1	2412	15.800	2404.080	2419.880	0.5	PASS
		2437	16.360	2428.800	2445.160	0.5	PASS
		2462	15.920	2453.840	2469.760	0.5	PASS
11N20SISO	Ant1	2412	17.160	2403.240	2420.400	0.5	PASS
		2437	17.560	2428.200	2445.760	0.5	PASS
		2462	15.800	2454.080	2469.880	0.5	PASS
11N40SISO	Ant1	2422	34.000	2404.240	2438.240	0.5	PASS
		2437	35.440	2419.160	2454.600	0.5	PASS
		2452	35.440	2434.080	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	16.720	2403.440	2420.160	0.5	PASS
		2437	18.680	2427.640	2446.320	0.5	PASS
		2462	18.160	2452.680	2470.840	0.5	PASS
11AX40SISO	Ant1	2422	36.960	2403.200	2440.160	0.5	PASS
		2437	36.960	2419.000	2455.960	0.5	PASS
		2452	36.800	2433.200	2470.000	0.5	PASS

Test Graphs



11B_Ant1_2437

11B_Ant1_2462



11G_Ant1_2412



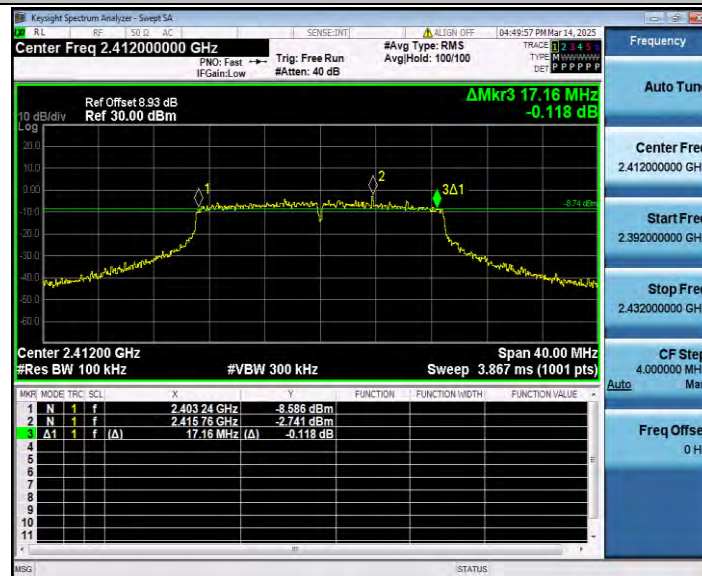
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



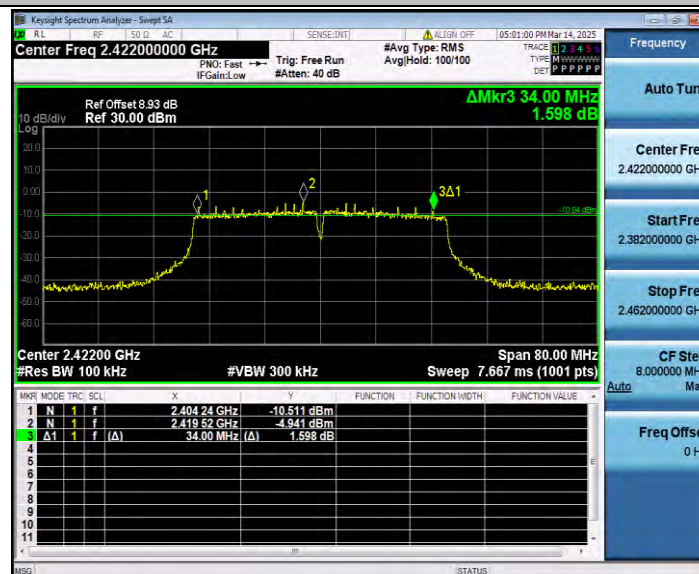
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



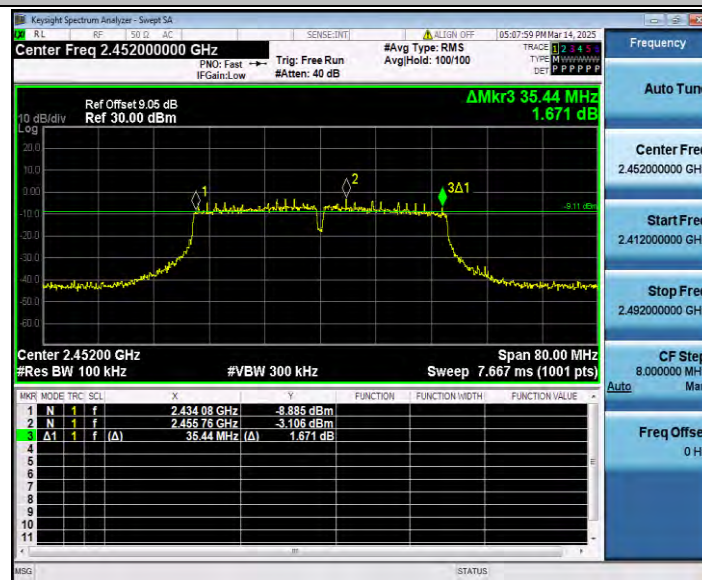
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



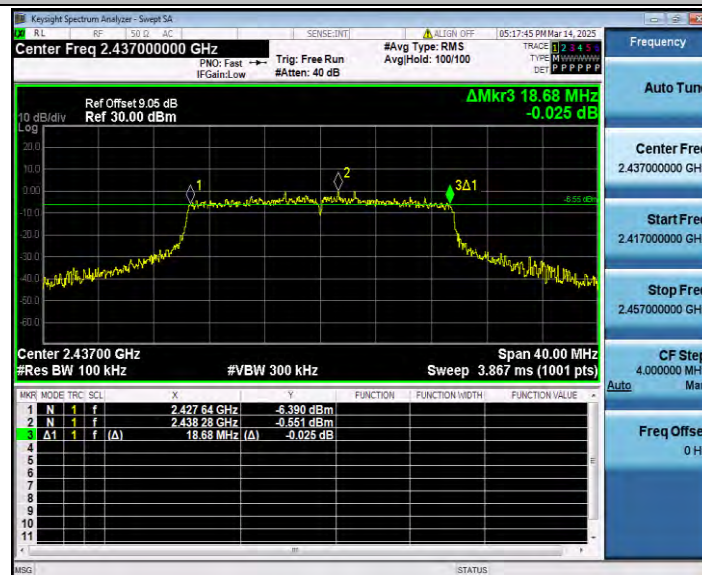
11N40SISO_Ant1_2452



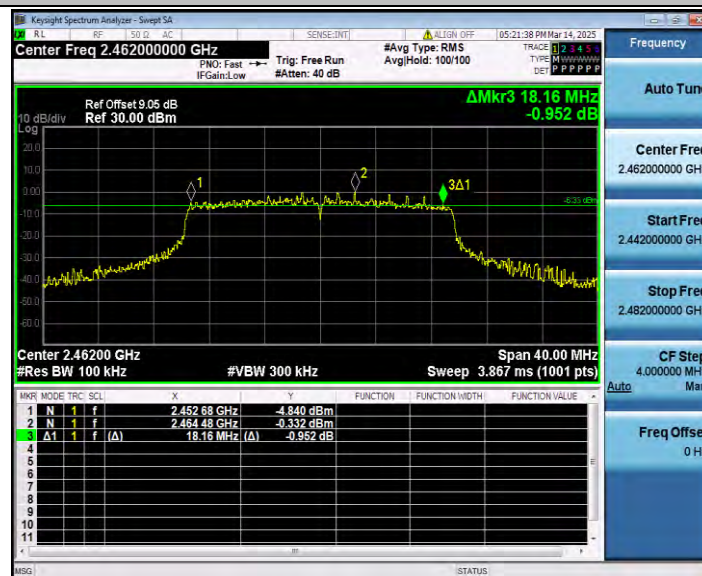
11AX20SISO_Ant1_2412



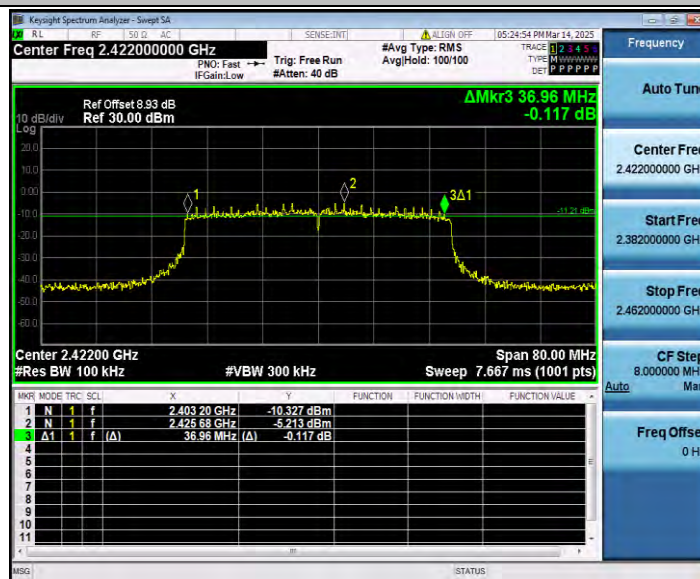
11AX20SISO_Ant1_2437



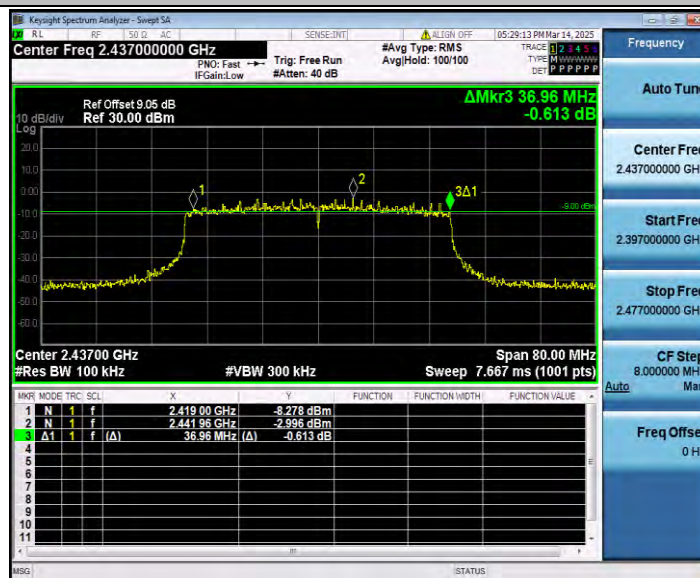
11AX20SISO_Ant1_2462



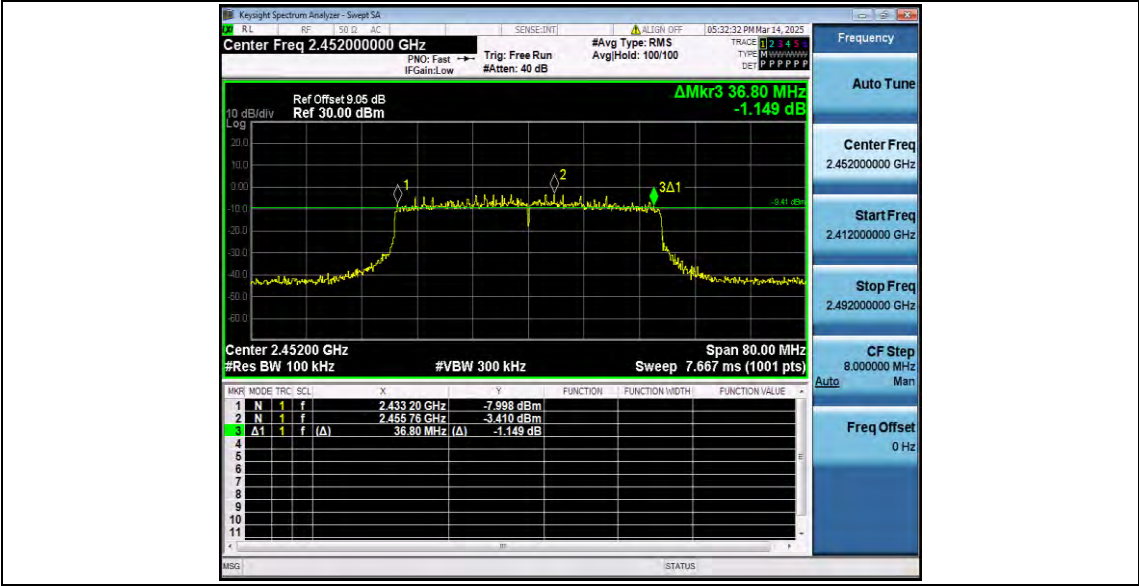
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



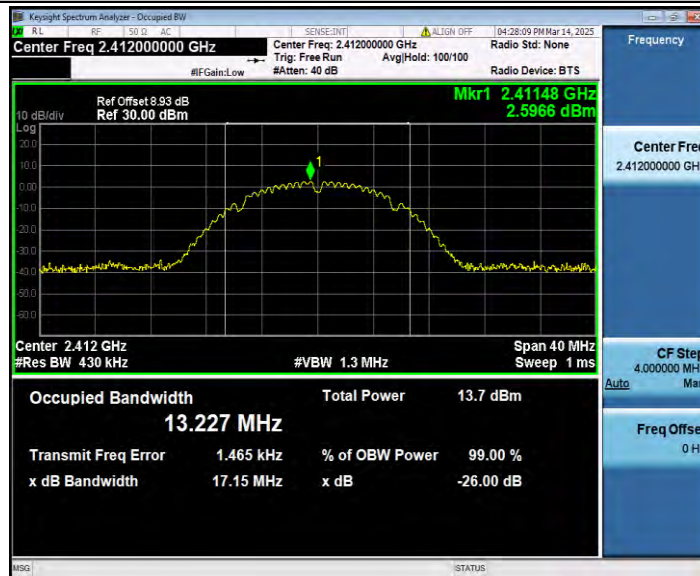
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.227	2405.3880	2418.6150	---	---
		2437	13.193	2430.4287	2443.6217	---	---
		2462	13.197	2455.4014	2468.5984	---	---
11G	Ant1	2412	17.352	2403.2453	2420.5973	---	---
		2437	17.358	2428.2779	2445.6359	---	---
		2462	17.369	2453.2352	2470.6042	---	---
11N20SISO	Ant1	2412	18.512	2402.6868	2421.1988	---	---
		2437	18.465	2427.7763	2446.2413	---	---
		2462	18.408	2452.7132	2471.1212	---	---
11N40SISO	Ant1	2422	36.683	2403.6959	2440.3789	---	---
		2437	36.651	2418.6137	2455.2647	---	---
		2452	36.655	2433.6121	2470.2671	---	---
11AX20SISO	Ant1	2412	19.309	2402.3422	2421.6512	---	---
		2437	19.208	2427.3913	2446.5993	---	---
		2462	19.302	2452.2552	2471.5572	---	---
11AX40SISO	Ant1	2422	37.995	2402.9853	2440.9803	---	---
		2437	37.947	2418.0565	2456.0035	---	---
		2452	37.981	2432.9494	2470.9304	---	---

Test Graphs

11B_Ant1_2412



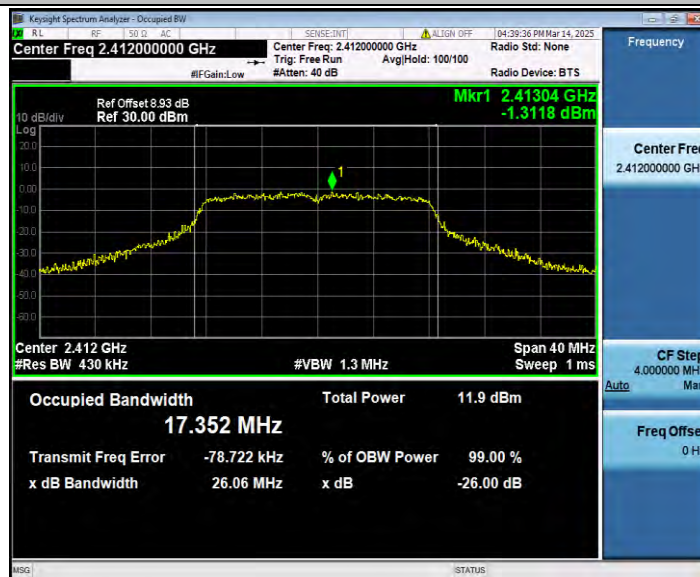
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



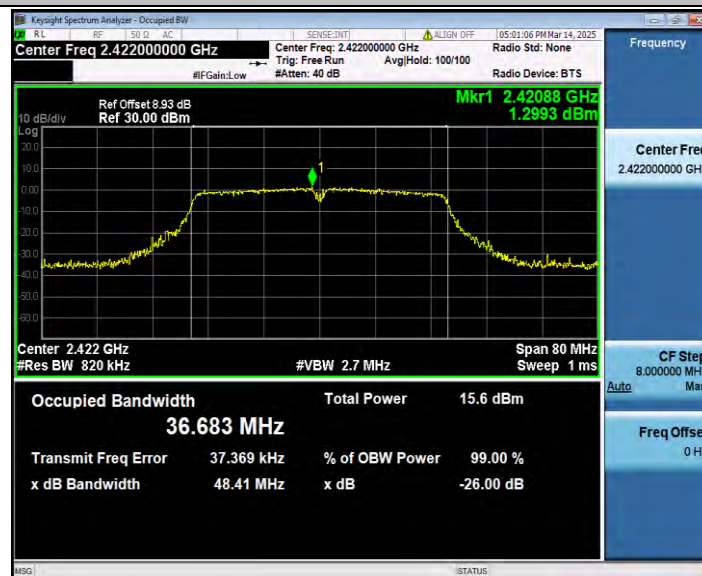
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



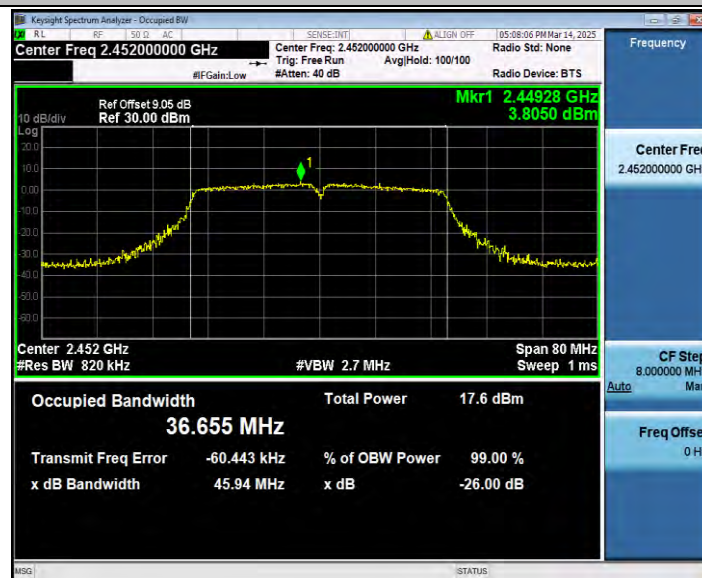
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



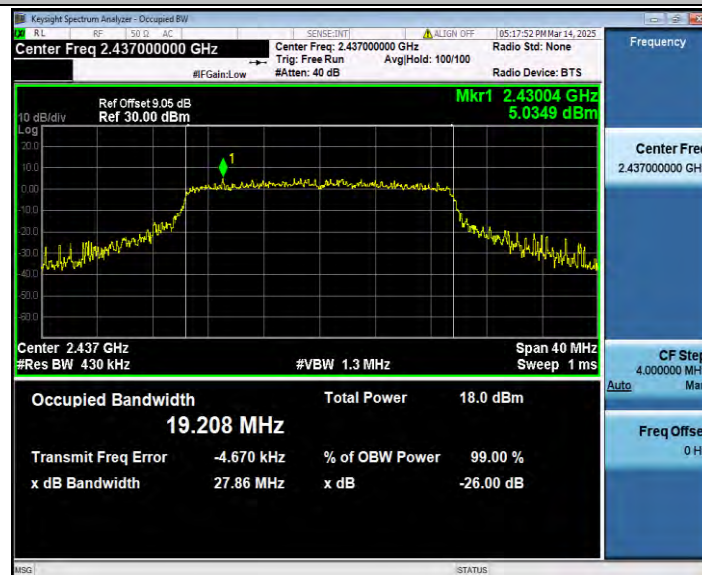
11N40SISO_Ant1_2452



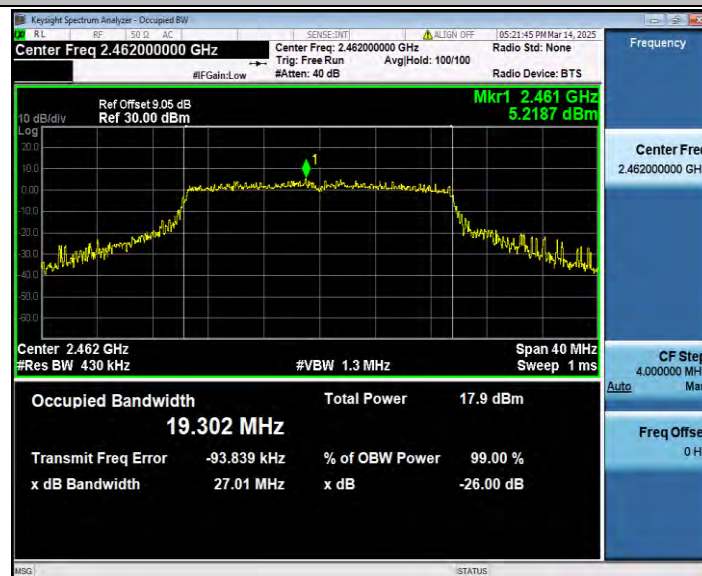
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



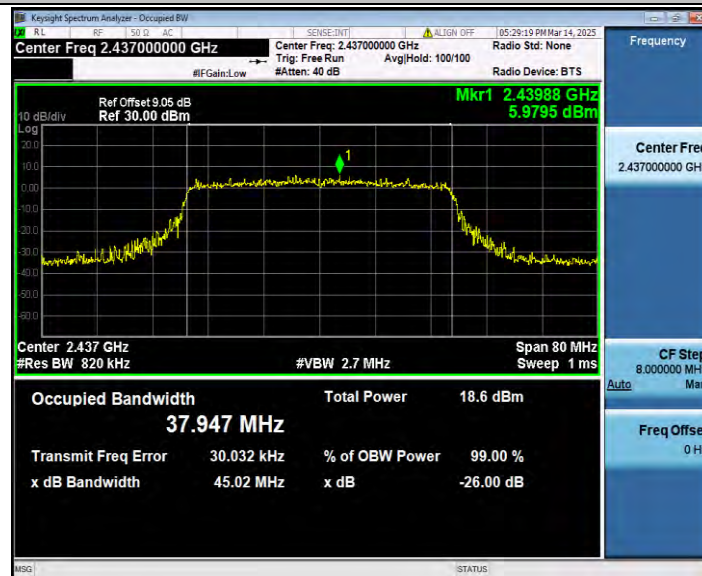
11AX20SISO_Ant1_2462



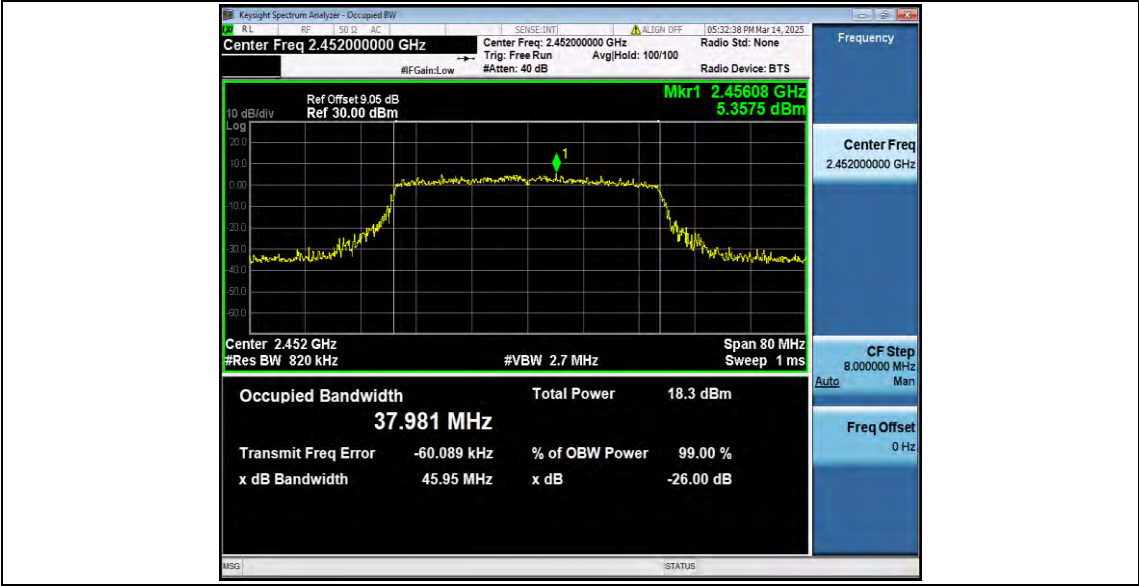
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.77	≤30.00	PASS
		2437	14.56	≤30.00	PASS
		2462	14.34	≤30.00	PASS
11G	Ant1	2412	13.04	≤30.00	PASS
		2437	15.26	≤30.00	PASS
		2462	15.15	≤30.00	PASS
11N20SISO	Ant1	2412	15.95	≤30.00	PASS
		2437	18.26	≤30.00	PASS
		2462	18.17	≤30.00	PASS
11N40SISO	Ant1	2422	15.95	≤30.00	PASS
		2437	18.16	≤30.00	PASS
		2452	17.84	≤30.00	PASS
11AX20SISO	Ant1	2412	16.54	≤30.00	PASS
		2437	18.79	≤30.00	PASS
		2462	18.69	≤30.00	PASS
11AX40SISO	Ant1	2422	16.41	≤30.00	PASS
		2437	18.52	≤30.00	PASS
		2452	18.43	≤30.00	PASS

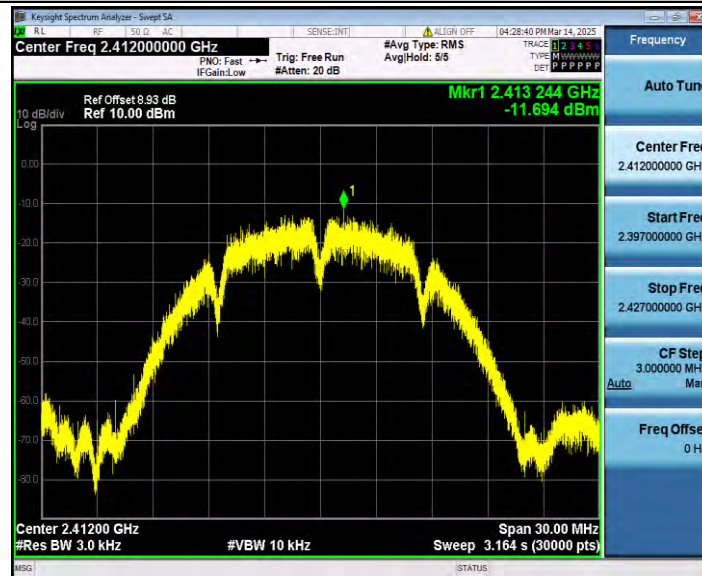
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.69	≤8.00	PASS
		2437	-10.67	≤8.00	PASS
		2462	-9.27	≤8.00	PASS
11G	Ant1	2412	-18.48	≤8.00	PASS
		2437	-16.69	≤8.00	PASS
		2462	-17.83	≤8.00	PASS
11N20SISO	Ant1	2412	-16.15	≤8.00	PASS
		2437	-13.62	≤8.00	PASS
		2462	-13.36	≤8.00	PASS
11N40SISO	Ant1	2422	-19.23	≤8.00	PASS
		2437	-16.25	≤8.00	PASS
		2452	-15.95	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.83	≤8.00	PASS
		2437	-15.18	≤8.00	PASS
		2462	-14.28	≤8.00	PASS
11AX40SISO	Ant1	2422	-18.63	≤8.00	PASS
		2437	-18.04	≤8.00	PASS
		2452	-18.51	≤8.00	PASS

Test Graphs

11B_Ant1_2412



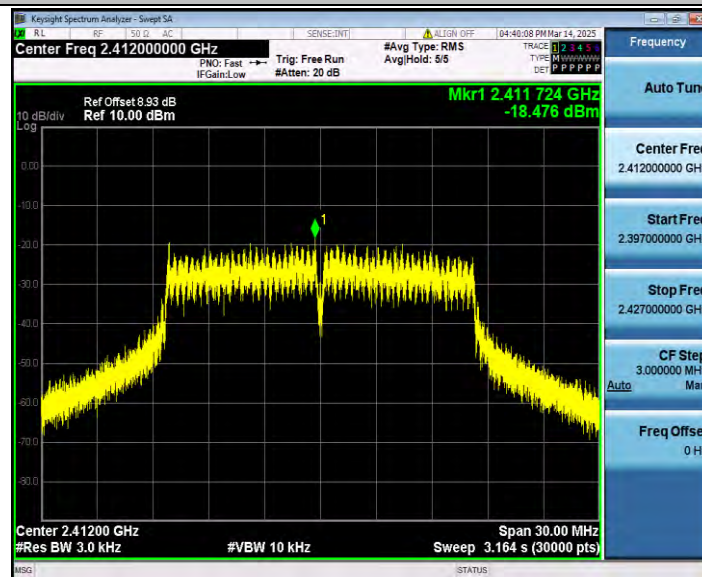
11B_Ant1_2437



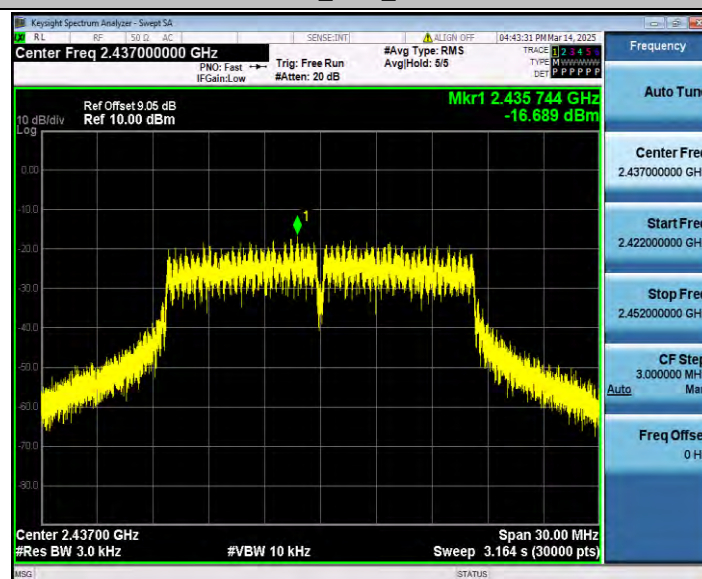
11B_Ant1_2462



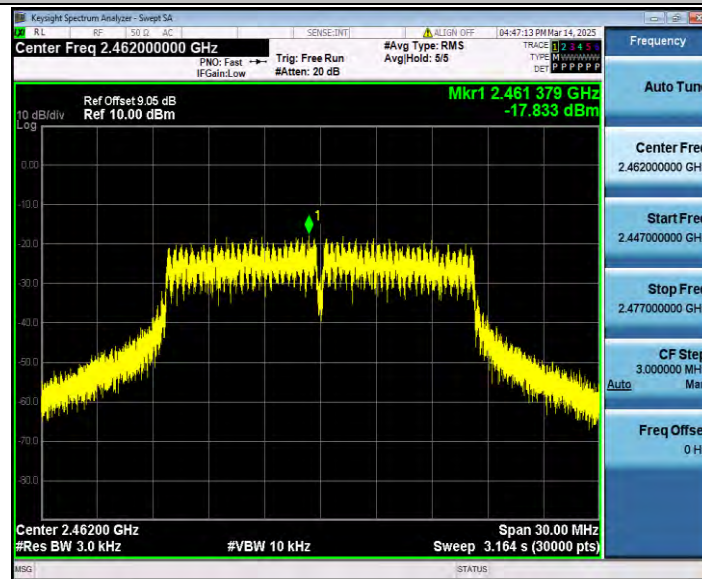
11G_Ant1_2412



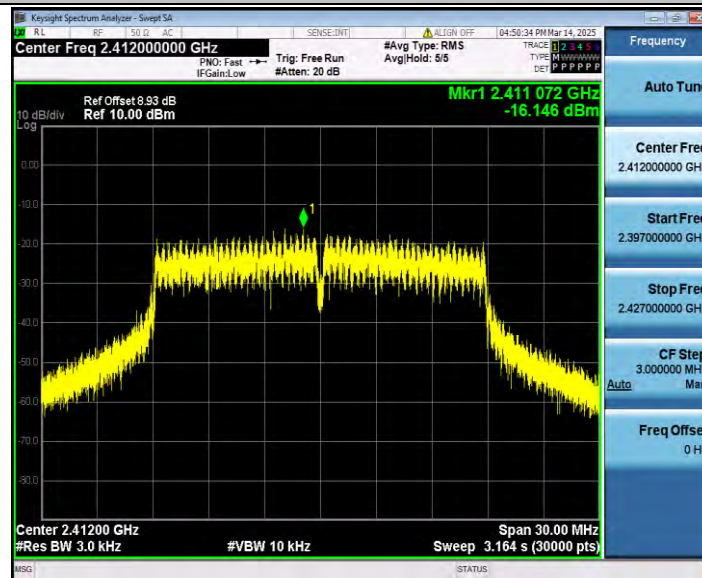
11G_Ant1_2437



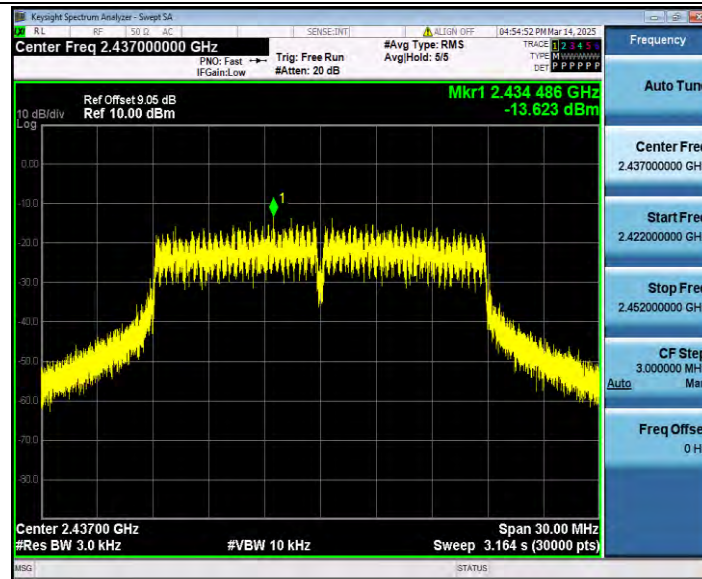
11G_Ant1_2462



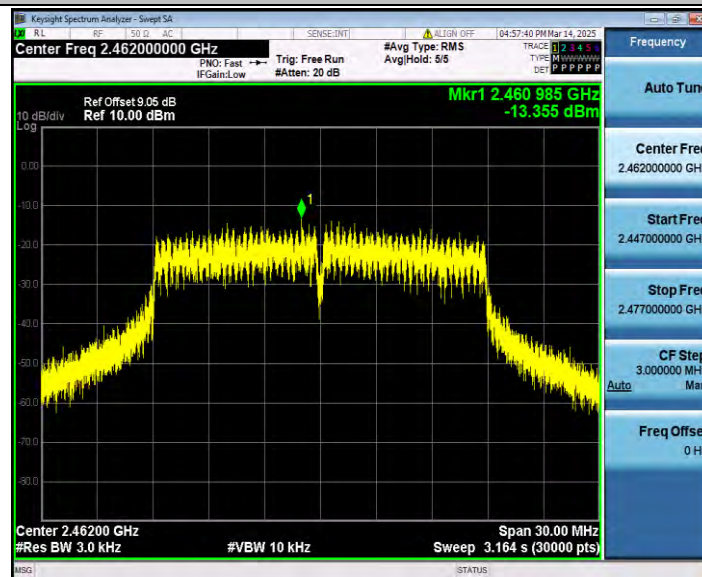
11N20SISO_Ant1_2412



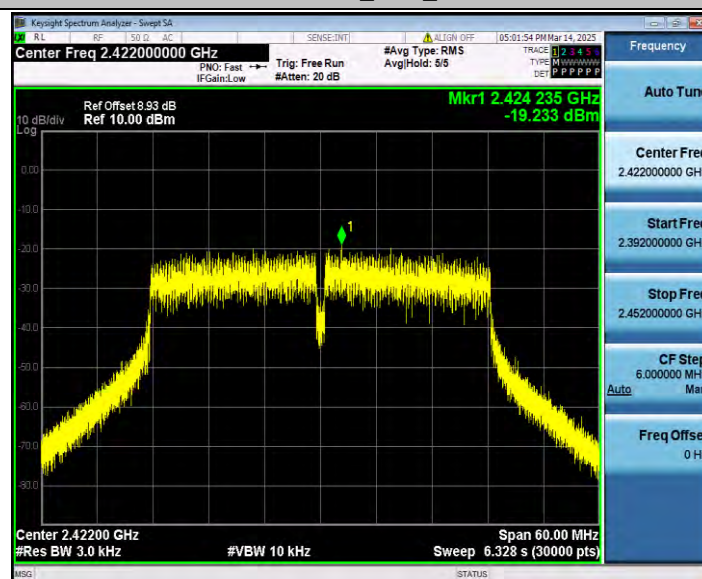
11N20SISO_Ant1_2437



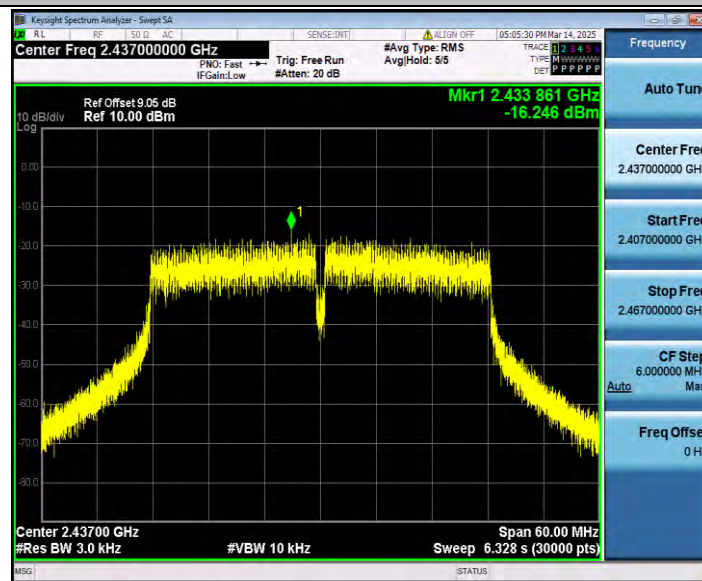
11N20SISO_Ant1_2462



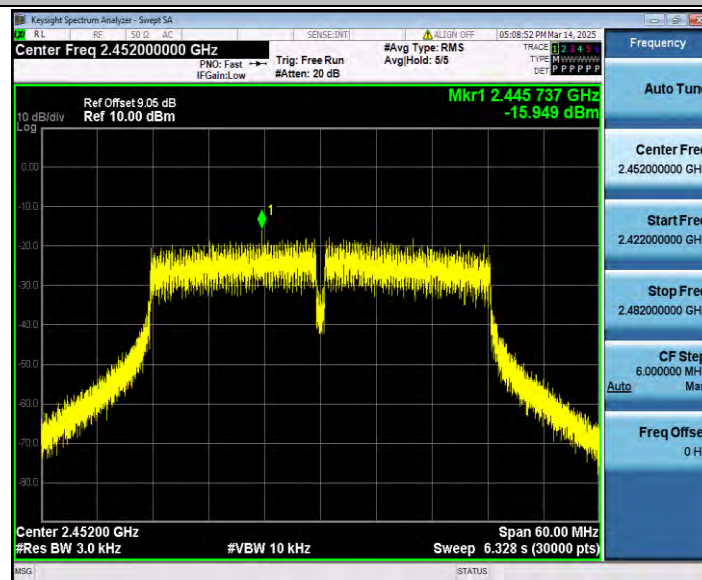
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



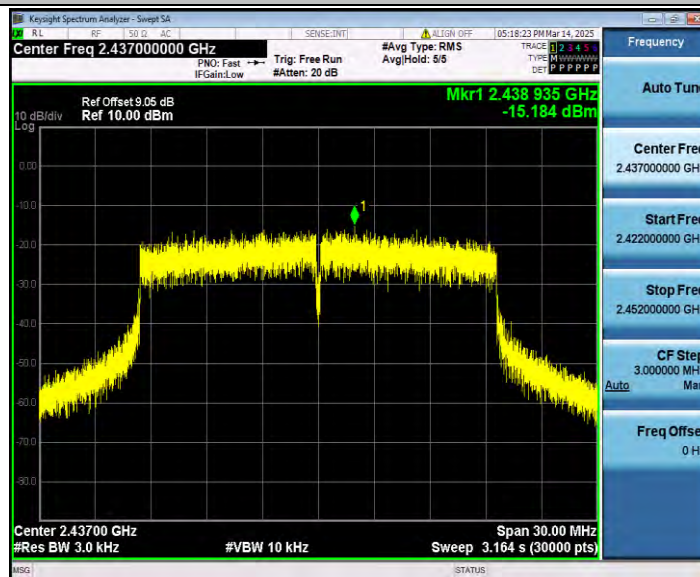
11N40SISO_Ant1_2452



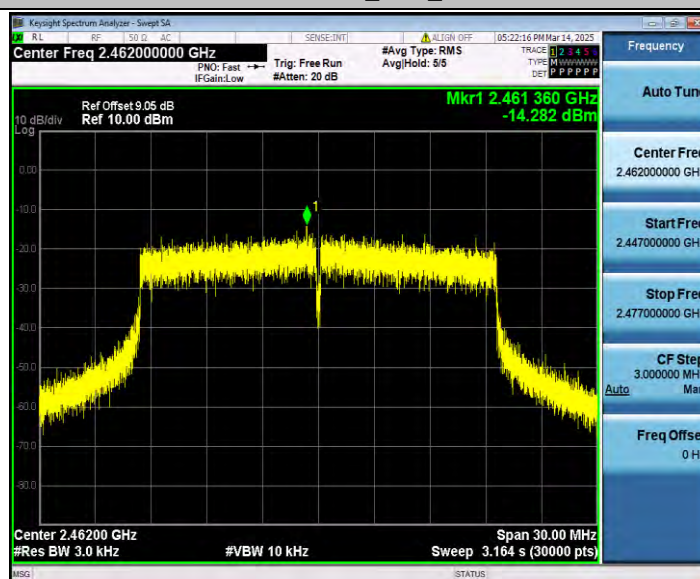
11AX20SISO_Ant1_2412



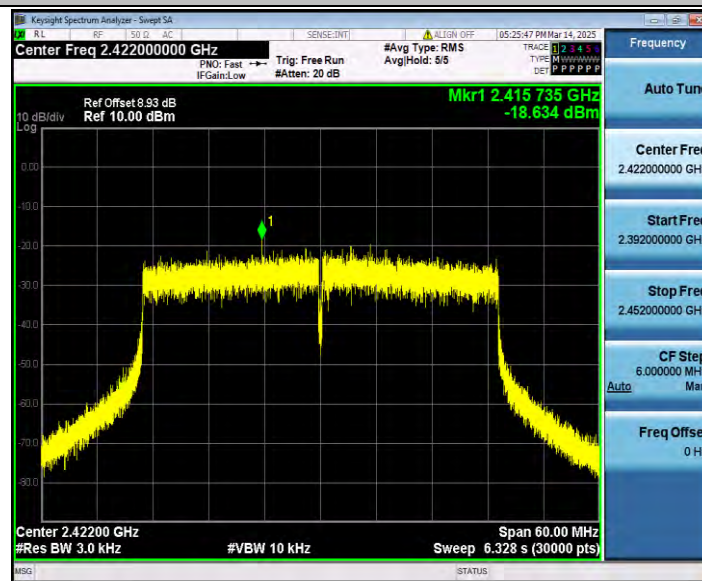
11AX20SISO_Ant1_2437



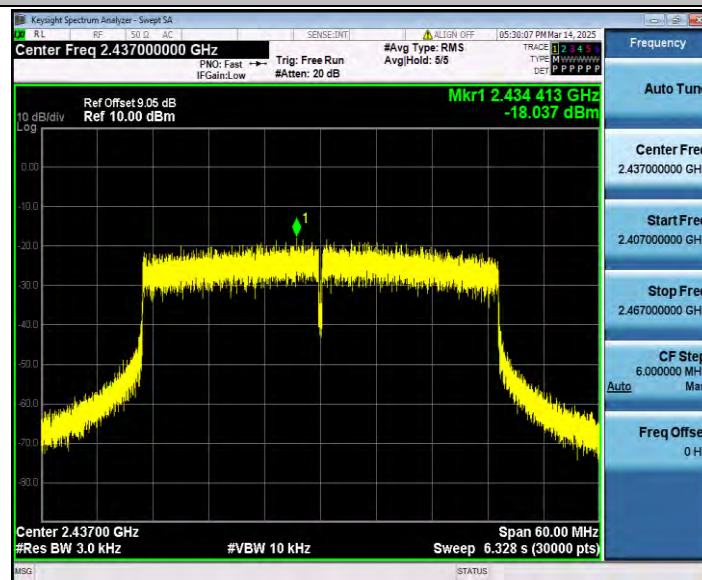
11AX20SISO_Ant1_2462



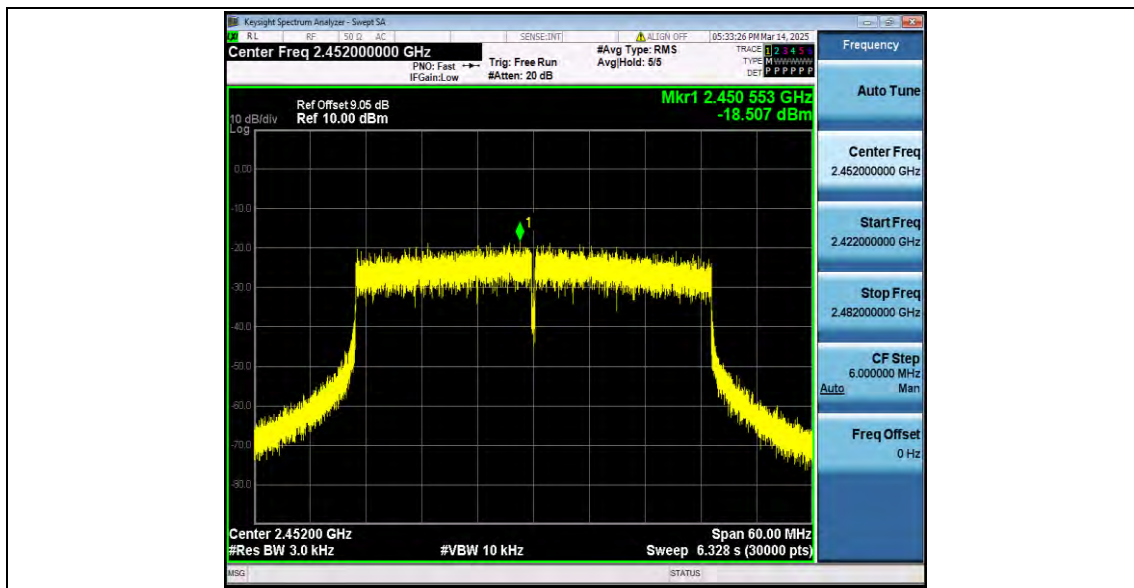
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

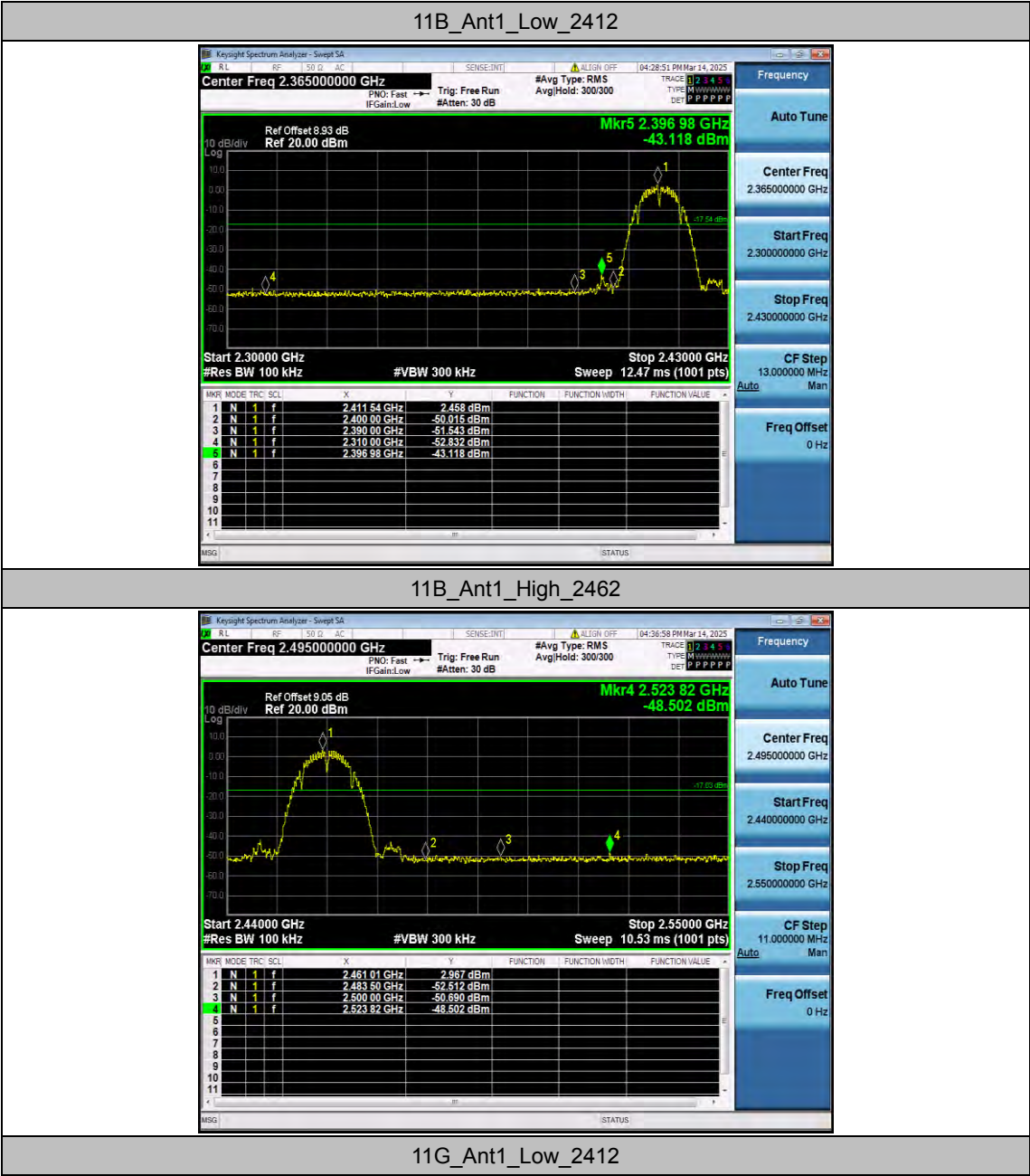


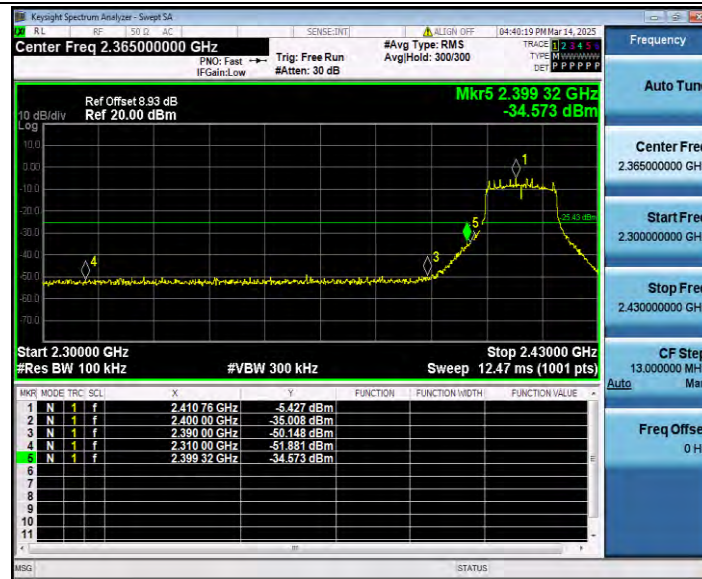
Appendix C.5: Band edge measurements

Test Result

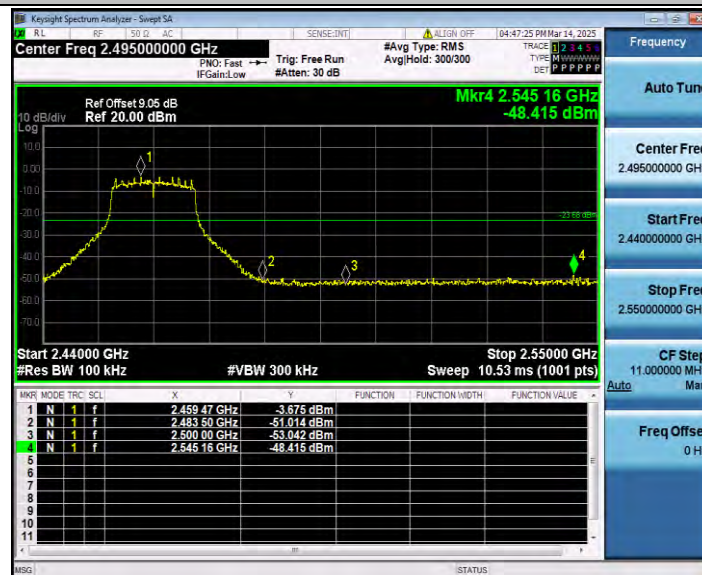
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.46	-43.12	≤ -17.54	PASS
		High	2462	2.97	-48.5	≤ -17.03	PASS
11G	Ant1	Low	2412	-5.43	-34.57	≤ -25.43	PASS
		High	2462	-3.68	-48.42	≤ -23.68	PASS
11N20SISO	Ant1	Low	2412	-1.72	-30.79	≤ -21.72	PASS
		High	2462	0.04	-47.7	≤ -19.96	PASS
11N40SISO	Ant1	Low	2422	-5.04	-35.57	≤ -25.04	PASS
		High	2452	-3.08	-46.46	≤ -23.08	PASS
11AX20SISO	Ant1	Low	2412	-1.83	-31.79	≤ -21.83	PASS
		High	2462	-0.57	-45.2	≤ -20.57	PASS
11AX40SISO	Ant1	Low	2422	-5.02	-35.49	≤ -25.02	PASS
		High	2452	-2.84	-46.12	≤ -22.84	PASS

Test Graphs

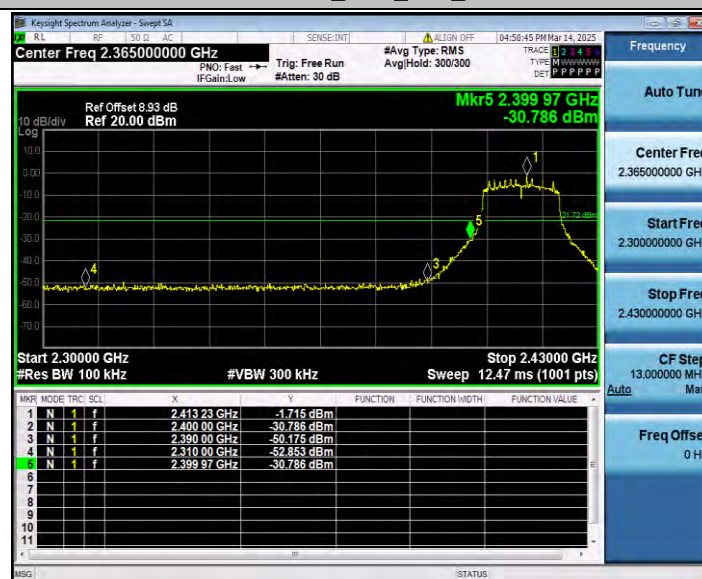




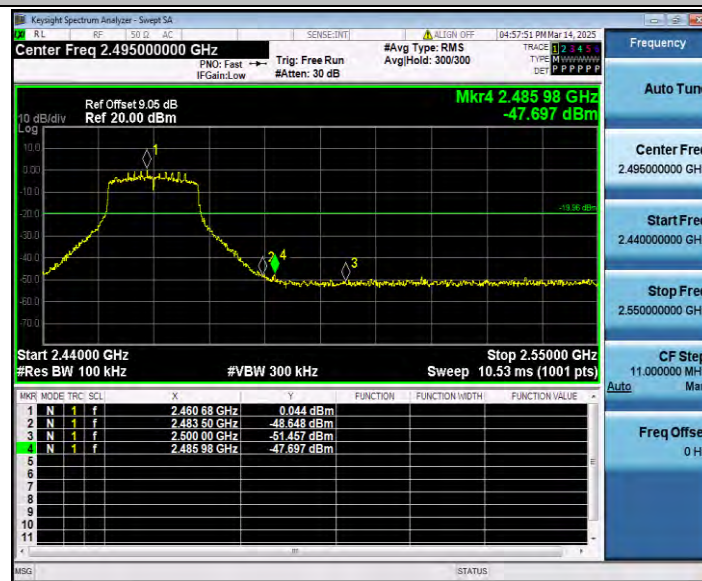
11G_Ant1_High_2462



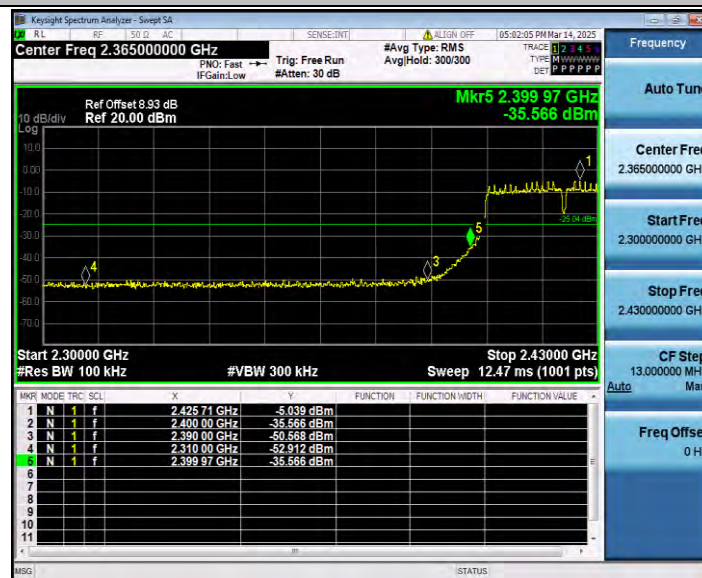
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



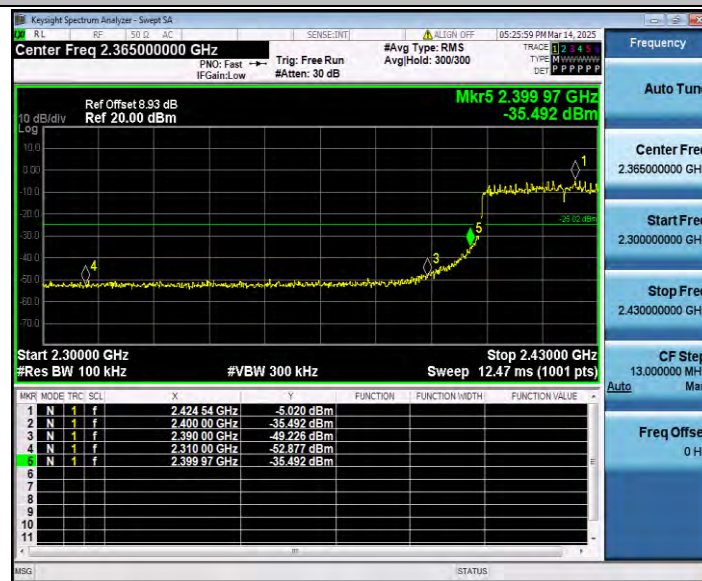
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

