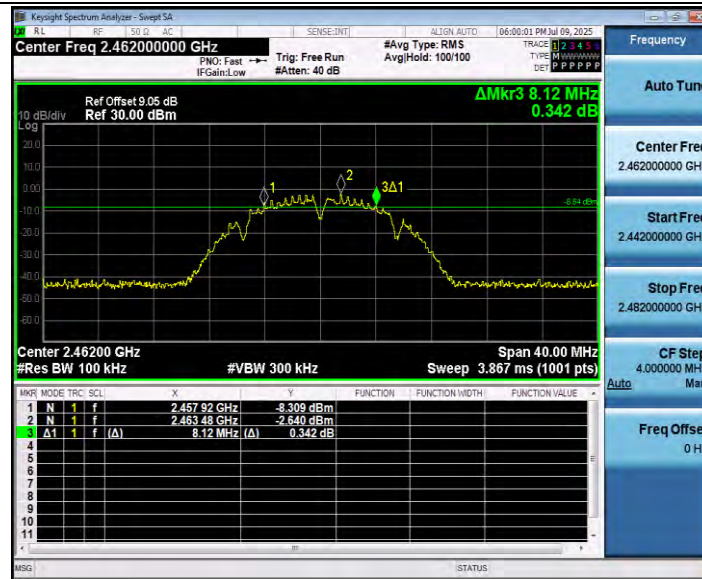


Case No. : <u>GTS20250510007-3-03</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.6.13-2025.7.14</u>	Test Engineer: <u>Evan ouyang</u>

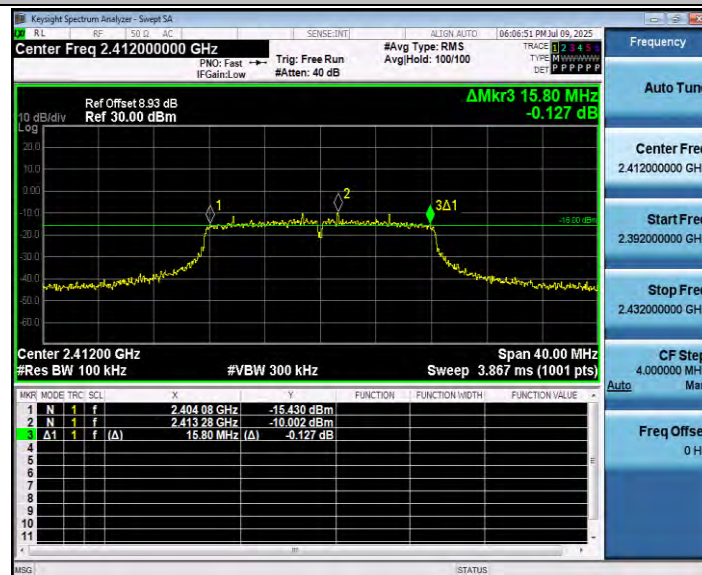
Appendix C.1: DTS Bandwidth

Test Result

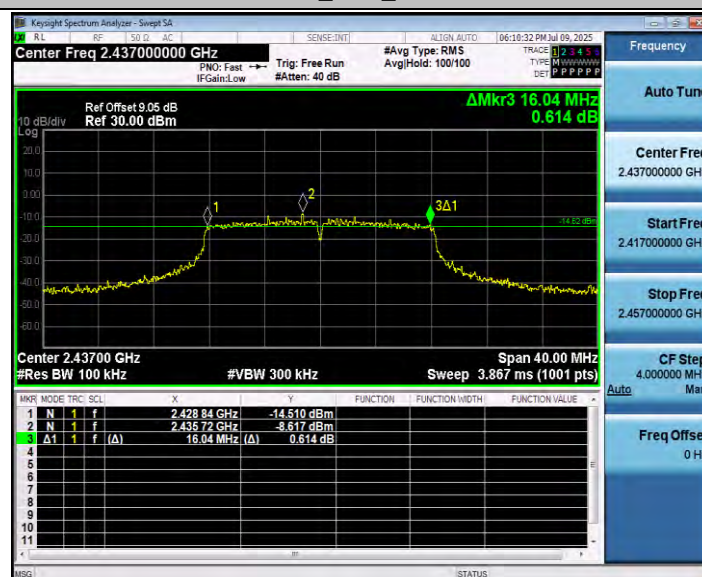
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	8.520	2407.960	2416.480	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	8.120	2457.920	2466.040	0.5	PASS
11G	Ant2	2412	15.800	2404.080	2419.880	0.5	PASS
		2437	16.040	2428.840	2444.880	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS
11N20SISO	Ant2	2412	16.960	2403.440	2420.400	0.5	PASS
		2437	16.920	2428.480	2445.400	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant2	2422	35.200	2404.400	2439.600	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	33.840	2434.480	2468.320	0.5	PASS
11AX20SISO	Ant2	2412	18.520	2402.800	2421.320	0.5	PASS
		2437	18.560	2427.600	2446.160	0.5	PASS
		2462	17.960	2453.120	2471.080	0.5	PASS
11AX40SISO	Ant2	2422	36.400	2403.200	2439.600	0.5	PASS
		2437	36.320	2418.280	2454.600	0.5	PASS
		2452	37.680	2433.200	2470.880	0.5	PASS



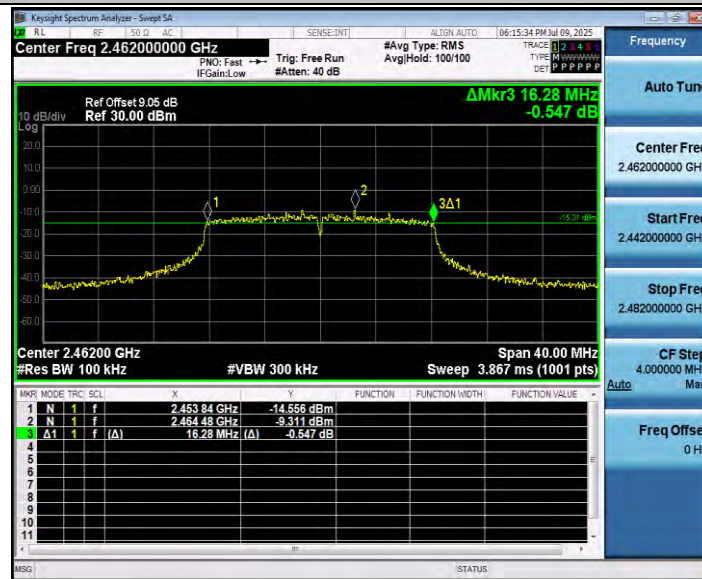
11G_Ant2_2412



11G_Ant2_2437



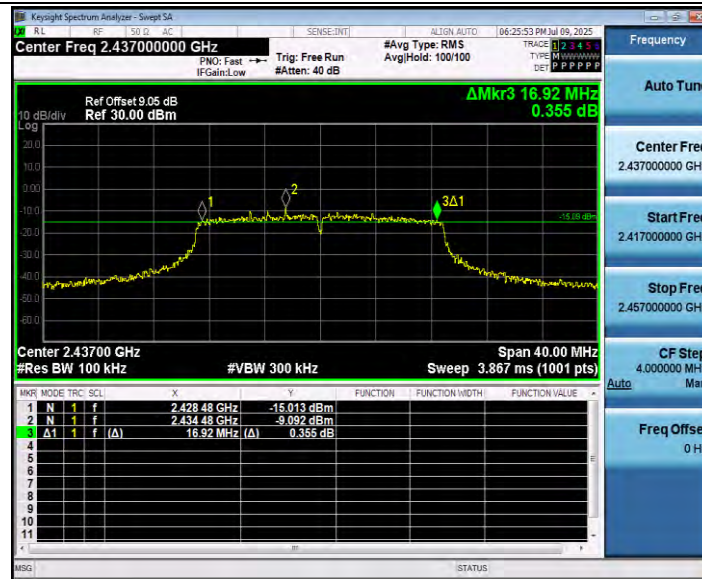
11G_Ant2_2462



11N20SISO_Ant2_2412



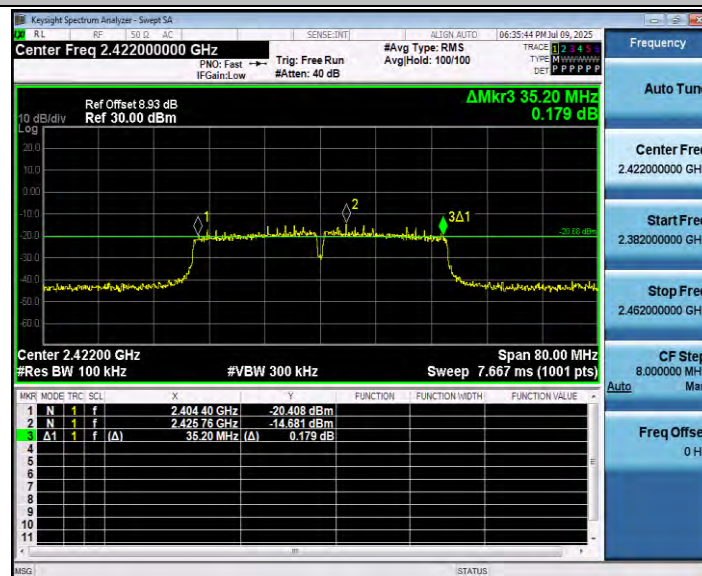
11N20SISO_Ant2_2437



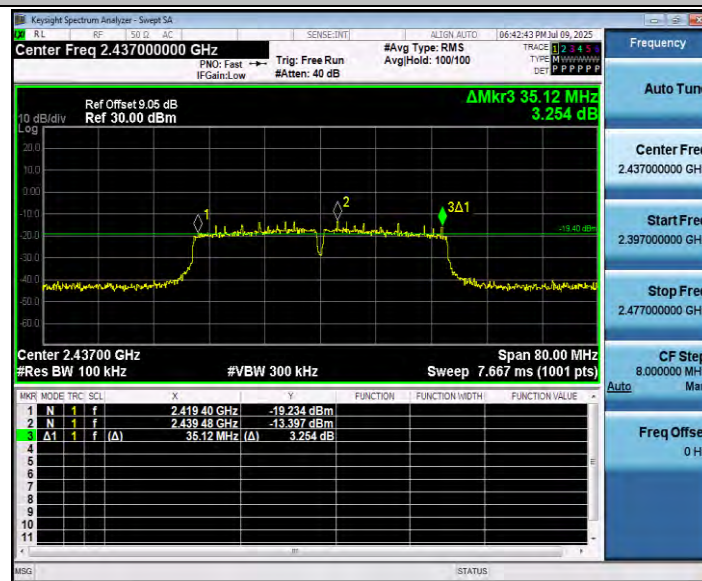
11N20SISO_Ant2_2462



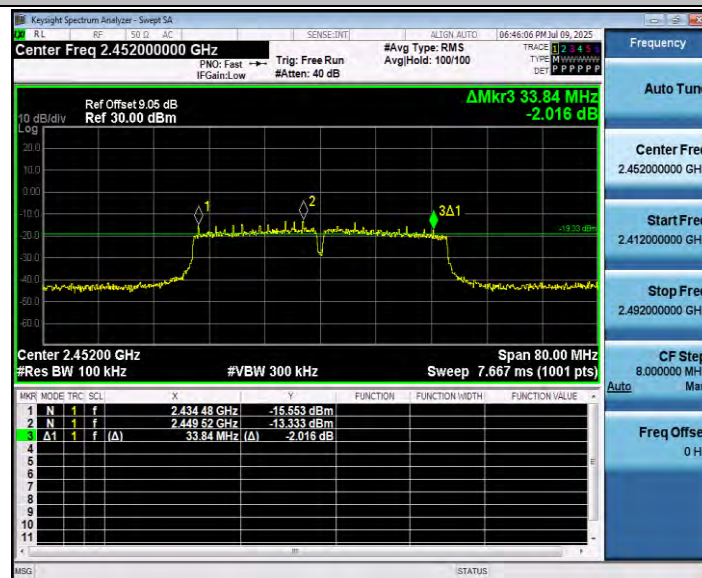
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



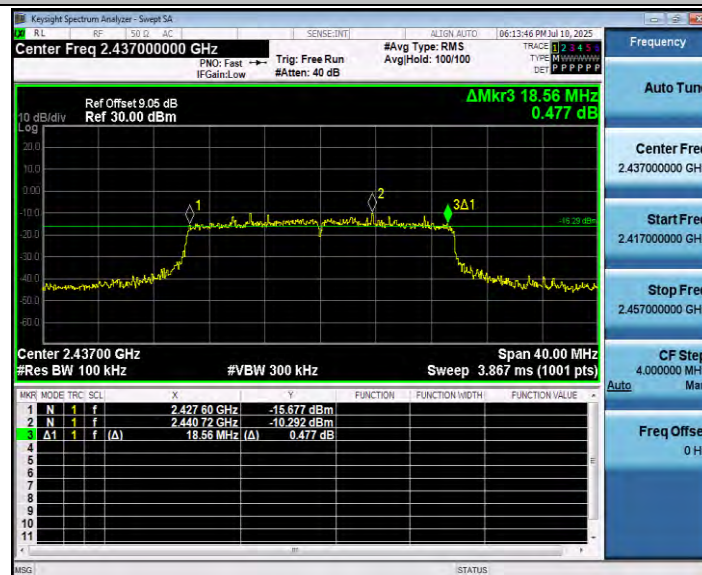
11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412



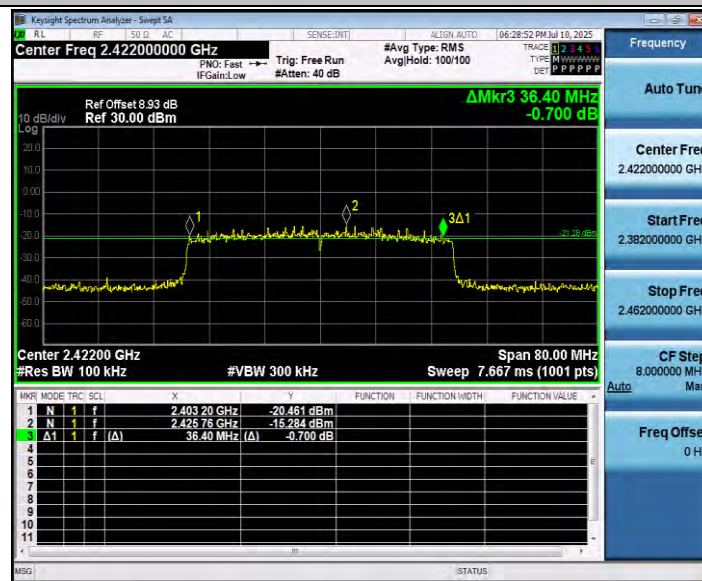
11AX20SISO_Ant2_2437



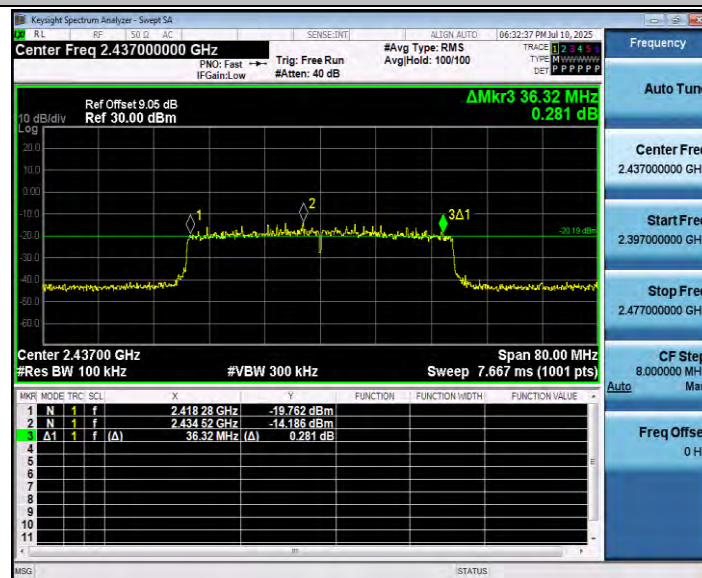
11AX20SISO_Ant2_2462



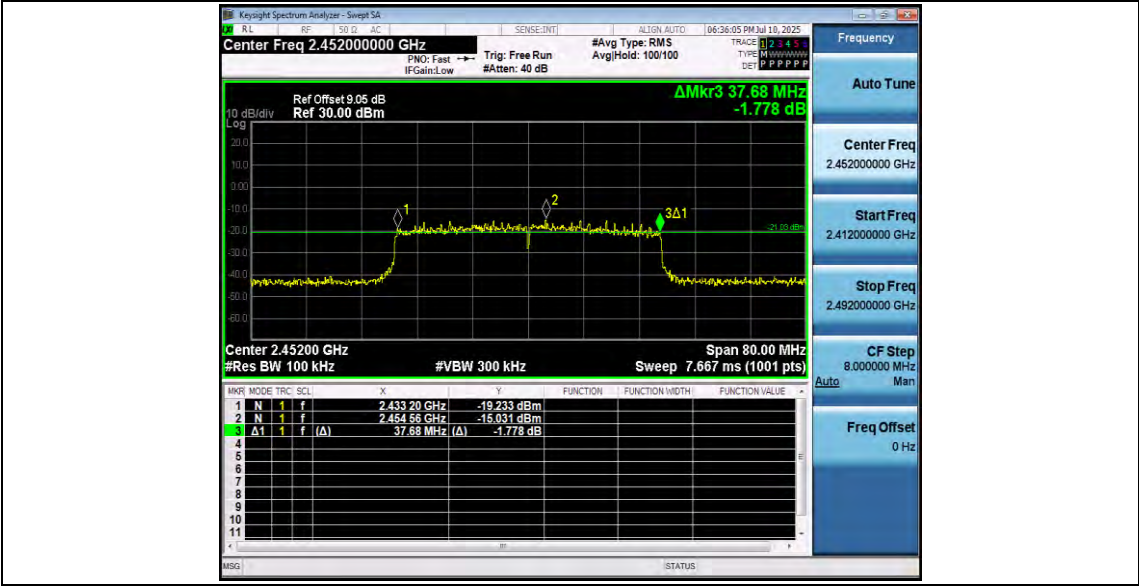
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.259	2405.4506	2418.7096	---	---
		2437	13.173	2430.4510	2443.6240	---	---
		2462	13.127	2455.4441	2468.5711	---	---
11G	Ant2	2412	17.617	2403.1916	2420.8086	---	---
		2437	17.519	2428.1607	2445.6797	---	---
		2462	17.471	2453.1949	2470.6659	---	---
11N20SISO	Ant2	2412	18.624	2402.7213	2421.3453	---	---
		2437	18.473	2427.7379	2446.2109	---	---
		2462	18.522	2452.6582	2471.1802	---	---
11N40SISO	Ant2	2422	37.266	2403.3651	2440.6311	---	---
		2437	37.174	2418.3683	2455.5423	---	---
		2452	37.145	2433.4007	2470.5457	---	---
11AX20SISO	Ant2	2412	19.317	2402.3329	2421.6499	---	---
		2437	19.344	2427.3228	2446.6668	---	---
		2462	19.251	2452.3520	2471.6030	---	---
11AX40SISO	Ant2	2422	38.334	2402.7978	2441.1318	---	---
		2437	38.292	2417.8414	2456.1334	---	---
		2452	38.239	2432.8440	2471.0830	---	---

Test Graphs

11B_Ant2_2412



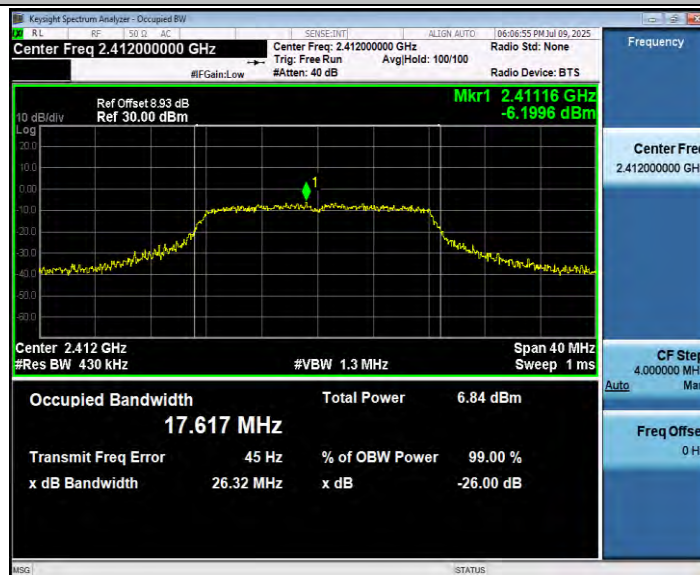
11B_Ant2_2437



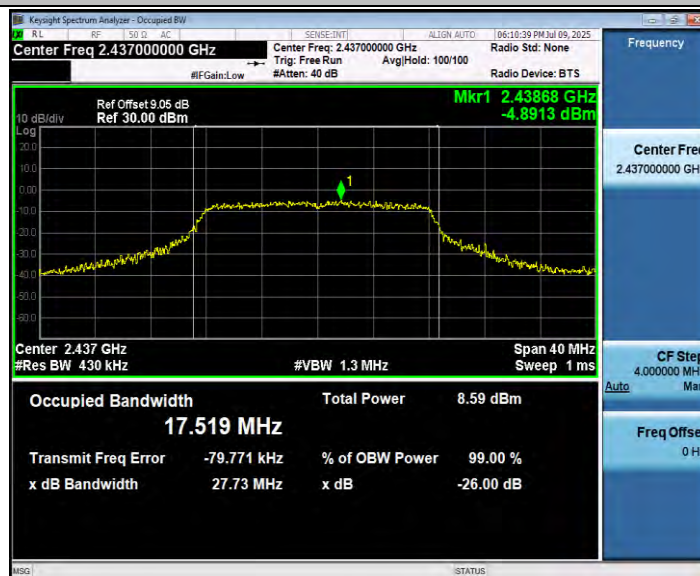
11B_Ant2_2462



11G_Ant2_2412



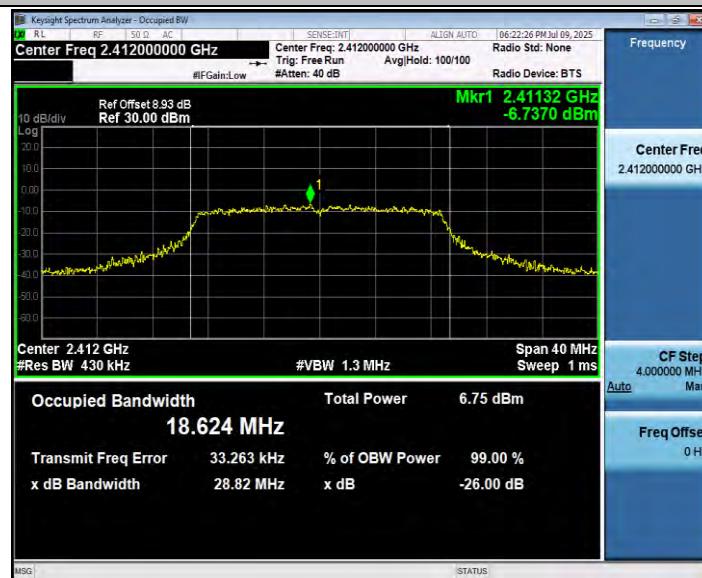
11G_Ant2_2437



11G_Ant2_2462



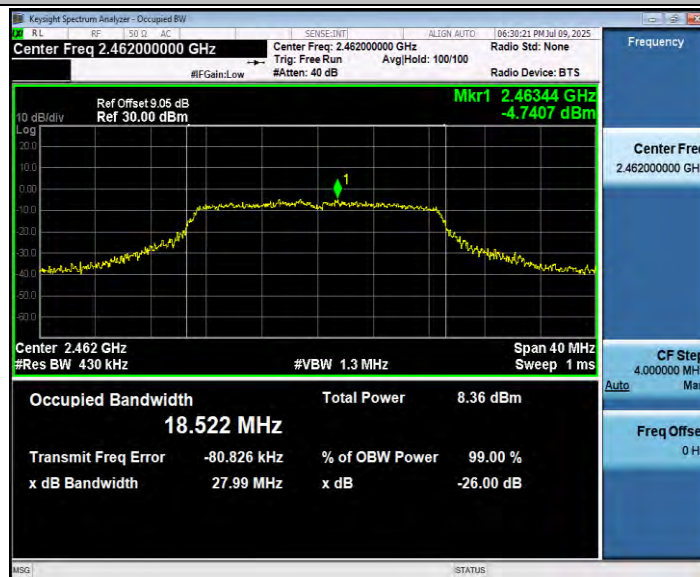
11N20SISO_Ant2_2412



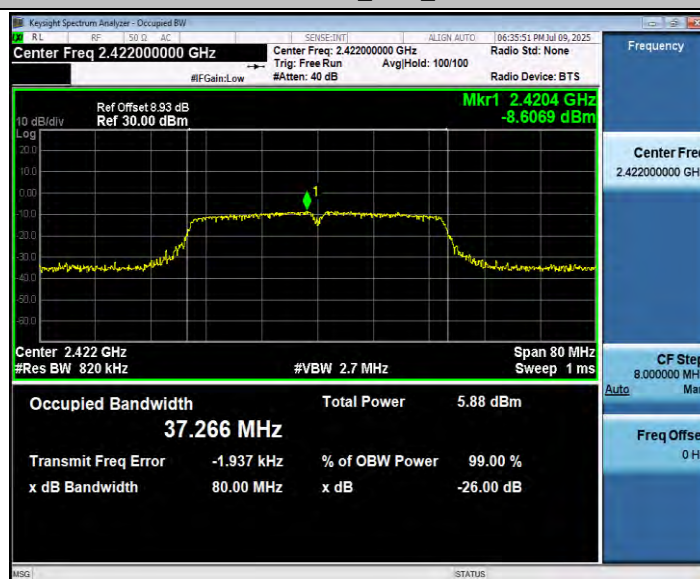
11N20SISO_Ant2_2437



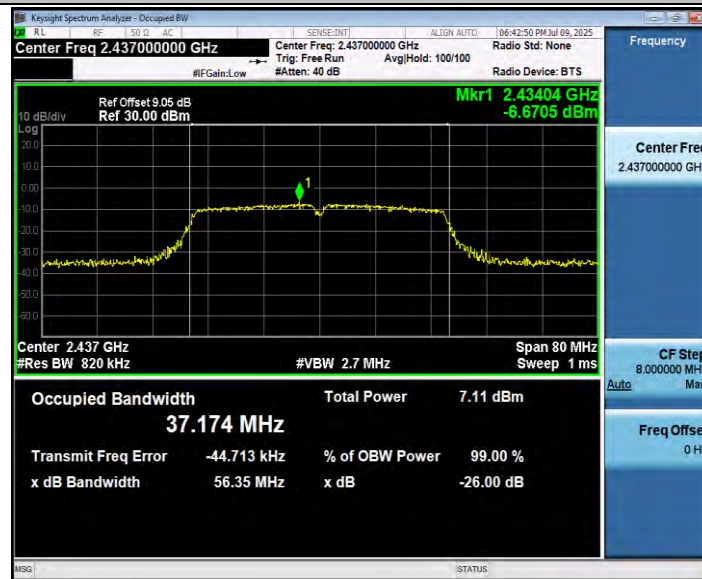
11N20SISO_Ant2_2462



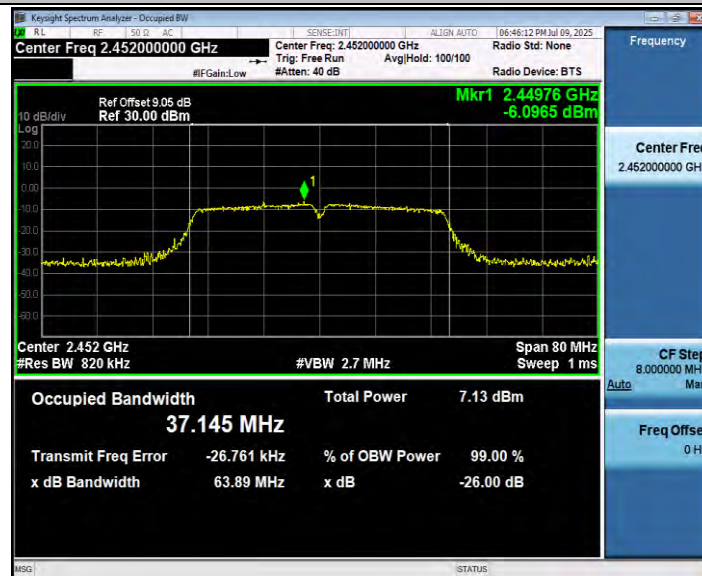
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



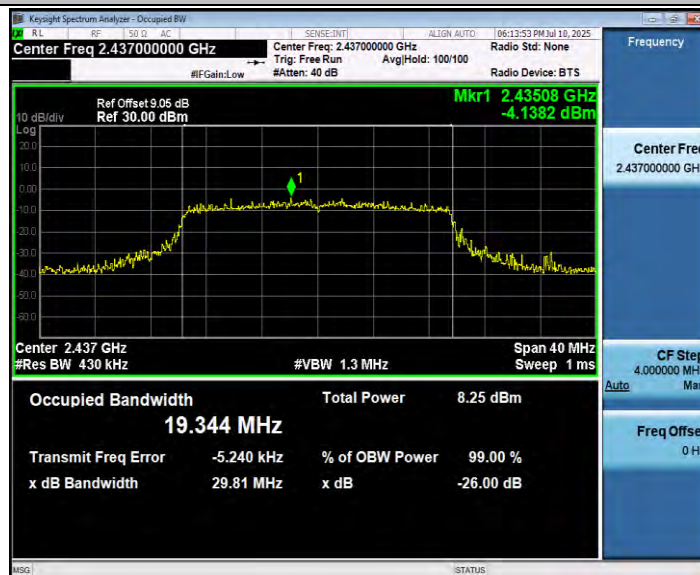
11N40SISO_Ant2_2452



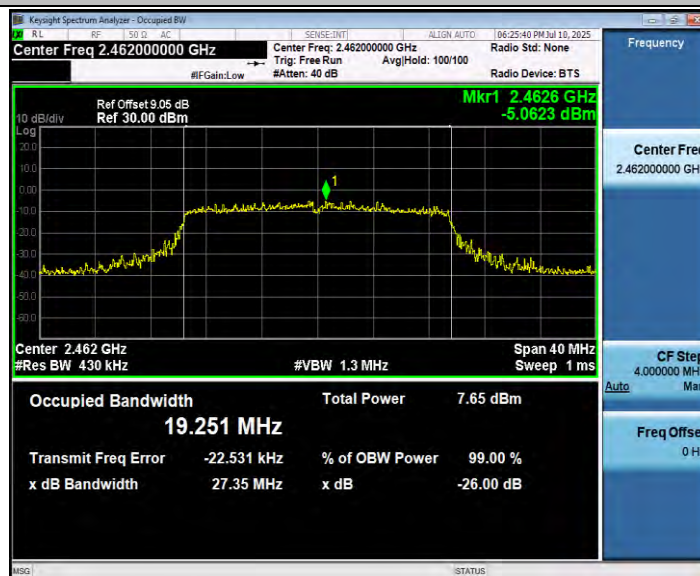
11AX20SISO_Ant2_2412



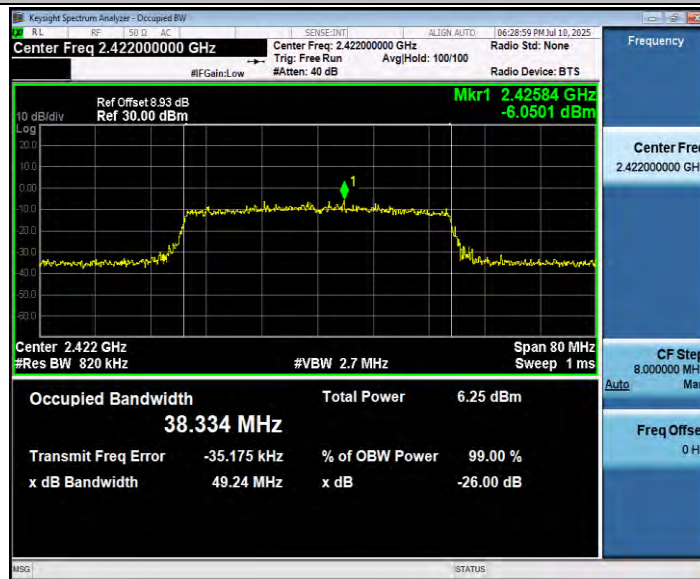
11AX20SISO_Ant2_2437



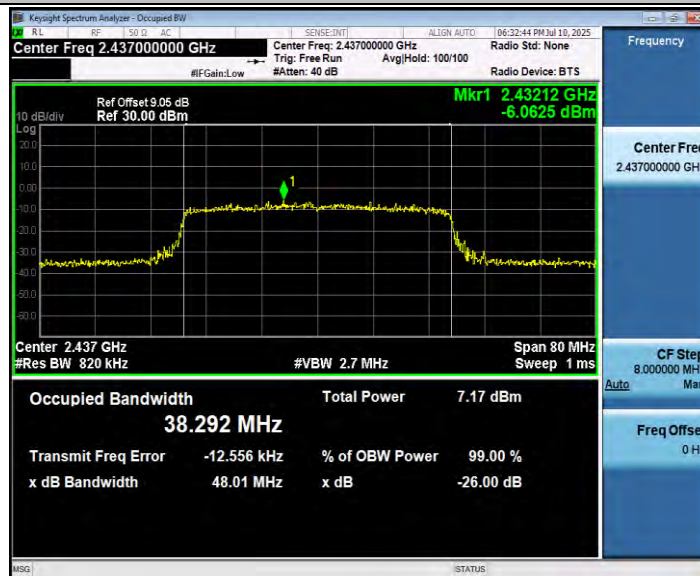
11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	7.36	≤30.00	PASS
		2437	8.37	≤30.00	PASS
		2462	8.04	≤30.00	PASS
11G	Ant2	2412	8.07	≤30.00	PASS
		2437	8.49	≤30.00	PASS
		2462	8.59	≤30.00	PASS
11N20SISO	Ant2	2412	7.85	≤30.00	PASS
		2437	8.32	≤30.00	PASS
		2462	8.17	≤30.00	PASS
11N40SISO	Ant2	2422	6.16	≤30.00	PASS
		2437	7.51	≤30.00	PASS
		2452	7.46	≤30.00	PASS
11AX20SISO	Ant2	2412	8.52	≤30.00	PASS
		2437	6.17	≤30.00	PASS
		2462	8.25	≤30.00	PASS
11AX40SISO	Ant2	2422	6.18	≤30.00	PASS
		2437	7.23	≤30.00	PASS
		2452	7.23	≤30.00	PASS

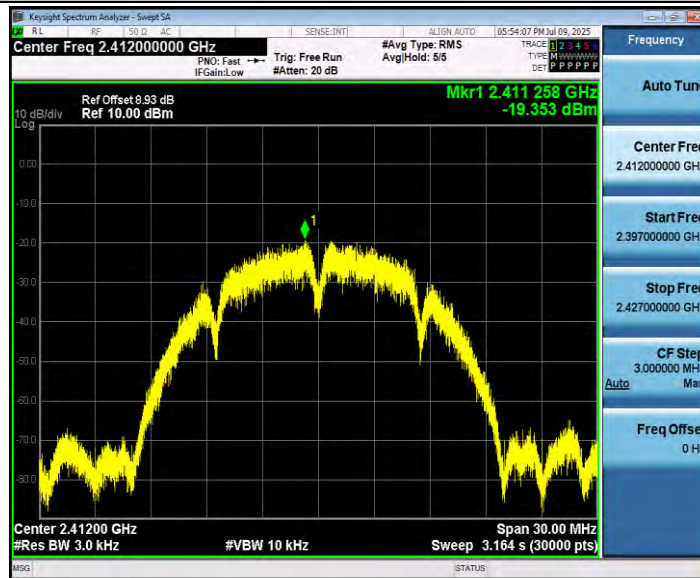
Appendix C.4: Maximum power spectral density

Test Result

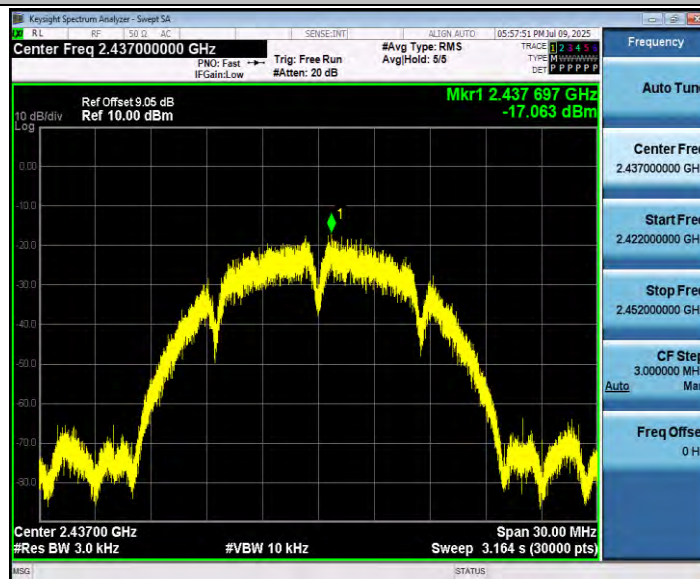
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-19.35	≤8.00	PASS
		2437	-17.06	≤8.00	PASS
		2462	-15.72	≤8.00	PASS
11G	Ant2	2412	-23.90	≤8.00	PASS
		2437	-24.70	≤8.00	PASS
		2462	-23.07	≤8.00	PASS
11N20SISO	Ant2	2412	-24.39	≤8.00	PASS
		2437	-22.43	≤8.00	PASS
		2462	-24.51	≤8.00	PASS
11N40SISO	Ant2	2422	-29.90	≤8.00	PASS
		2437	-27.55	≤8.00	PASS
		2452	-27.24	≤8.00	PASS
11AX20SISO	Ant2	2412	-24.31	≤8.00	PASS
		2437	-26.81	≤8.00	PASS
		2462	-25.96	≤8.00	PASS
11AX40SISO	Ant2	2422	-30.13	≤8.00	PASS
		2437	-29.30	≤8.00	PASS
		2452	-29.25	≤8.00	PASS

Test Graphs

11B_Ant2_2412



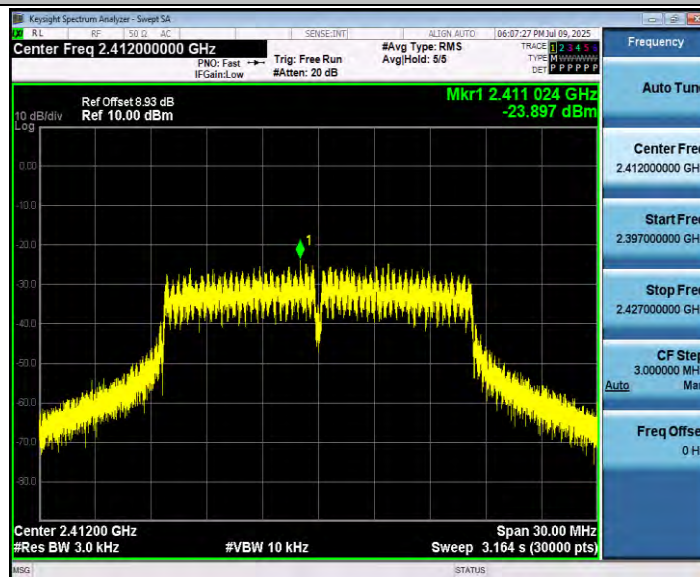
11B_Ant2_2437



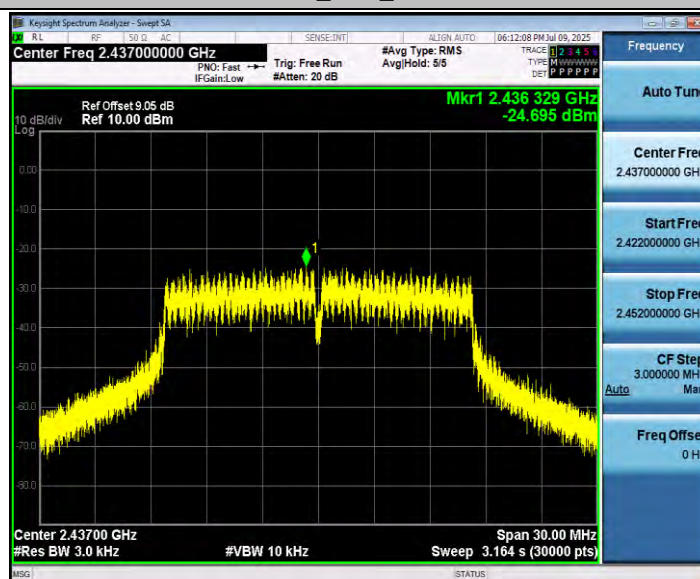
11B_Ant2_2462



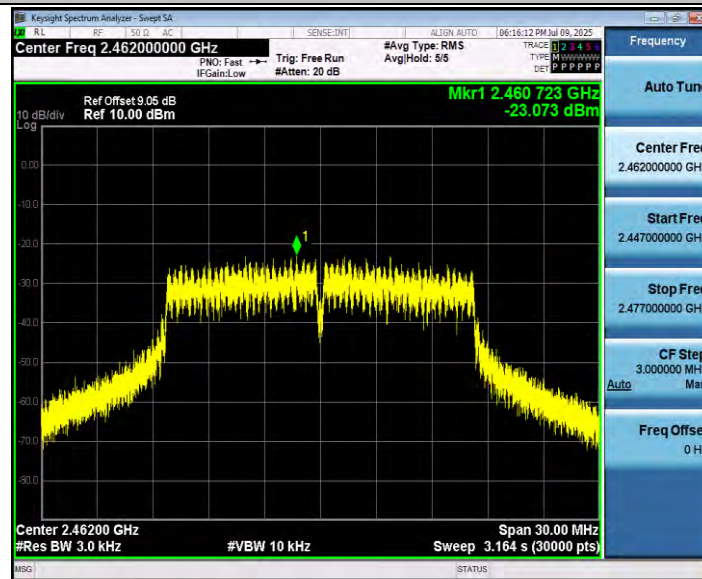
11G_Ant2_2412



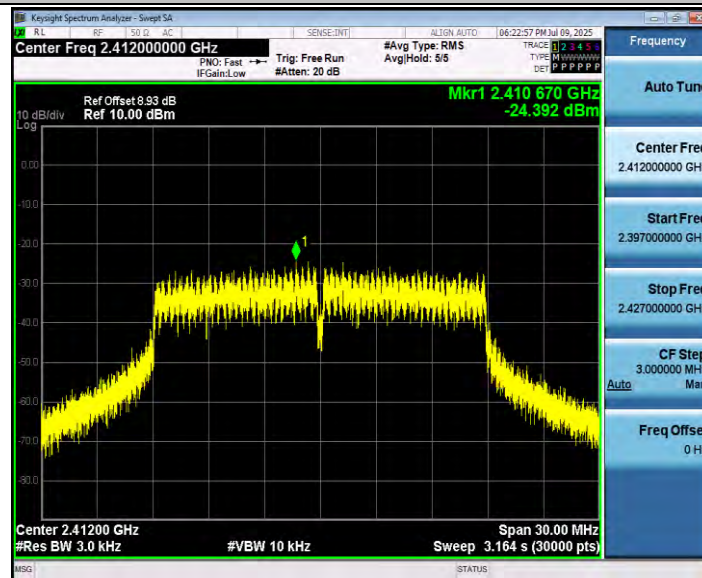
11G_Ant2_2437



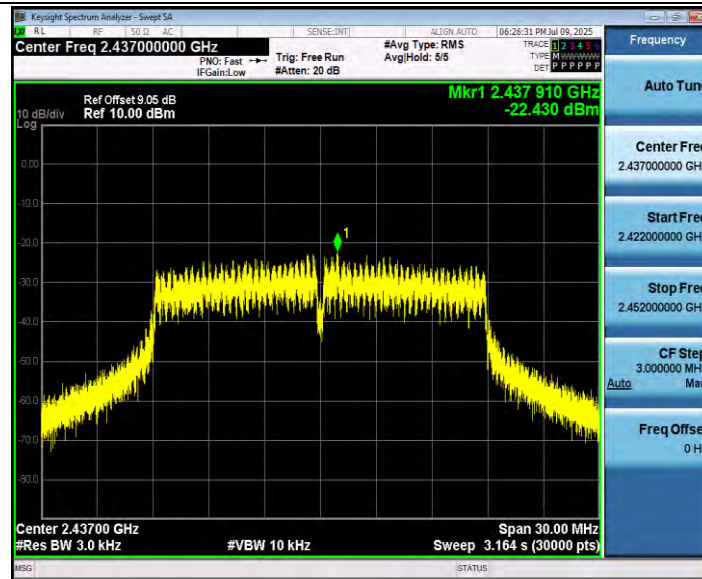
11G_Ant2_2462



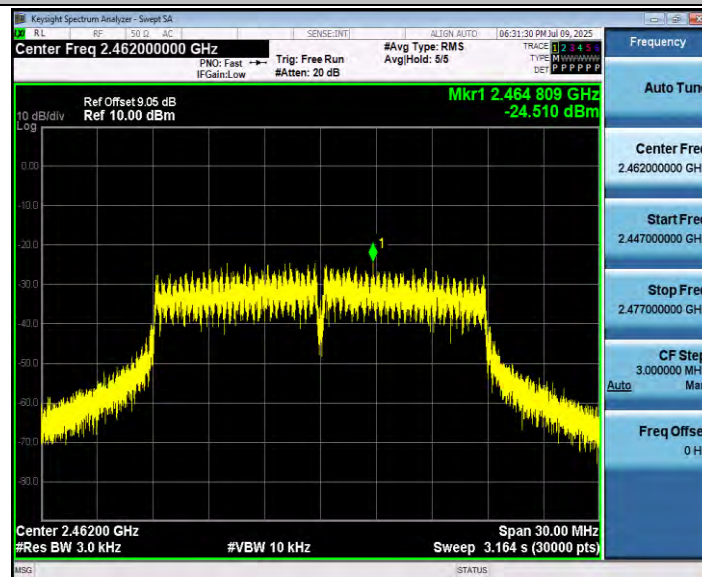
11N20SISO_Ant2_2412



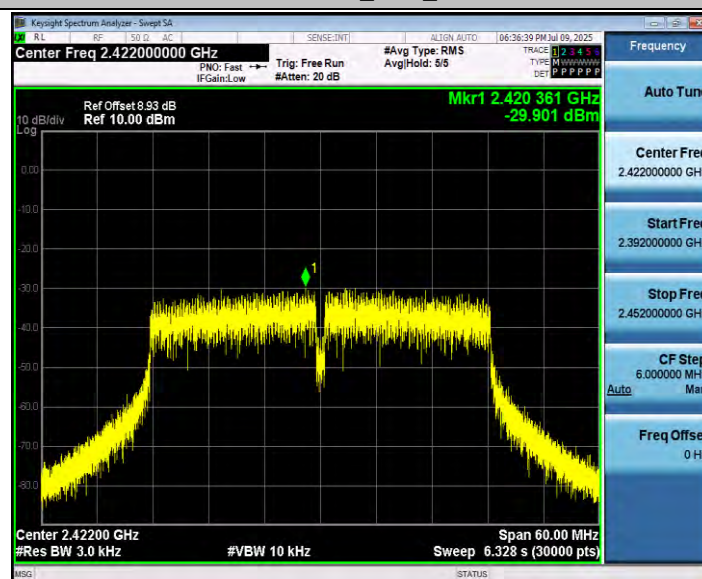
11N20SISO_Ant2_2437



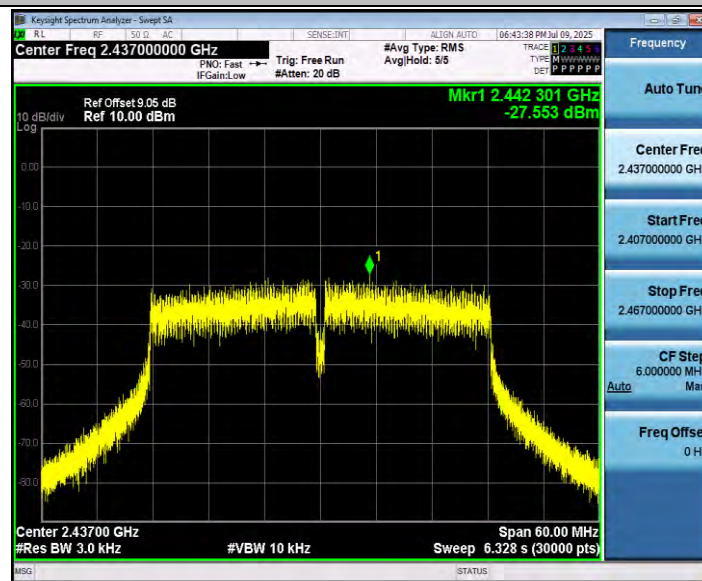
11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



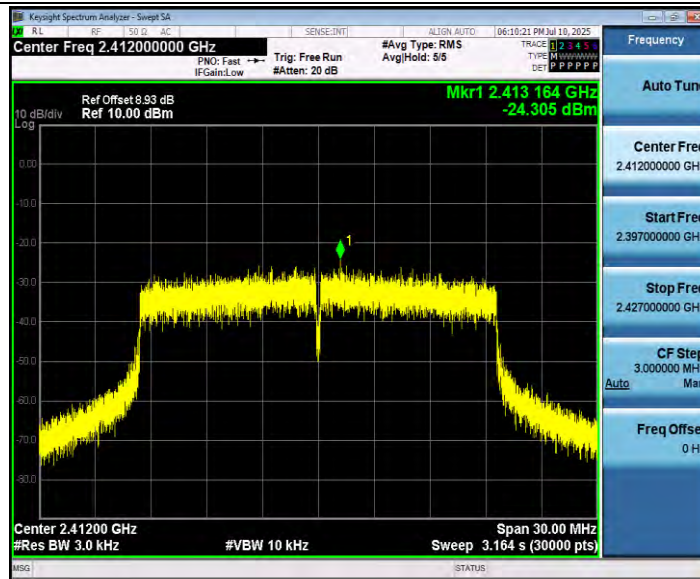
11N40SISO_Ant2_2437



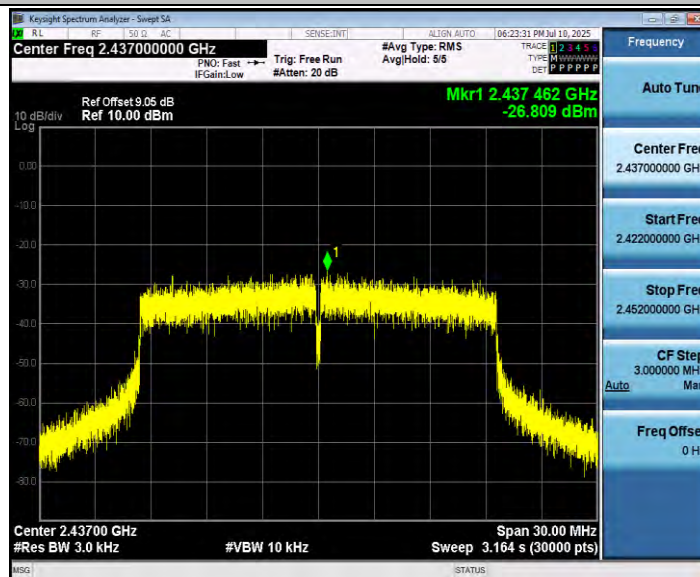
11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412



11AX20ISO_Ant2_2437



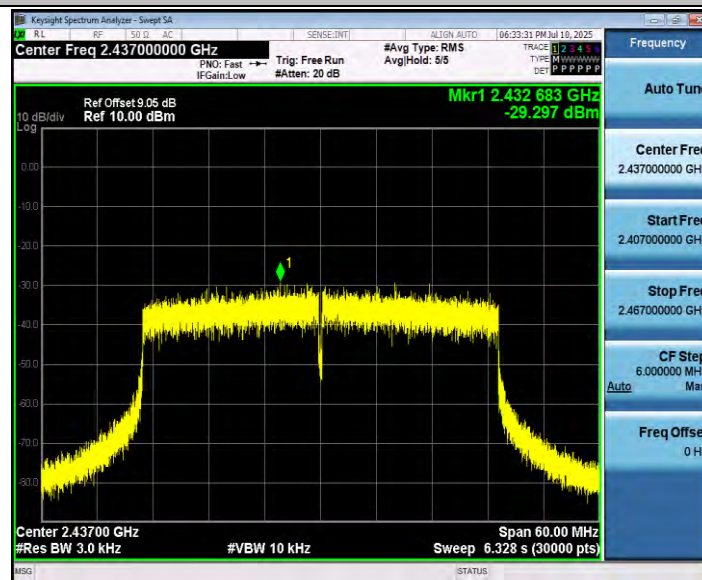
11AX20ISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452

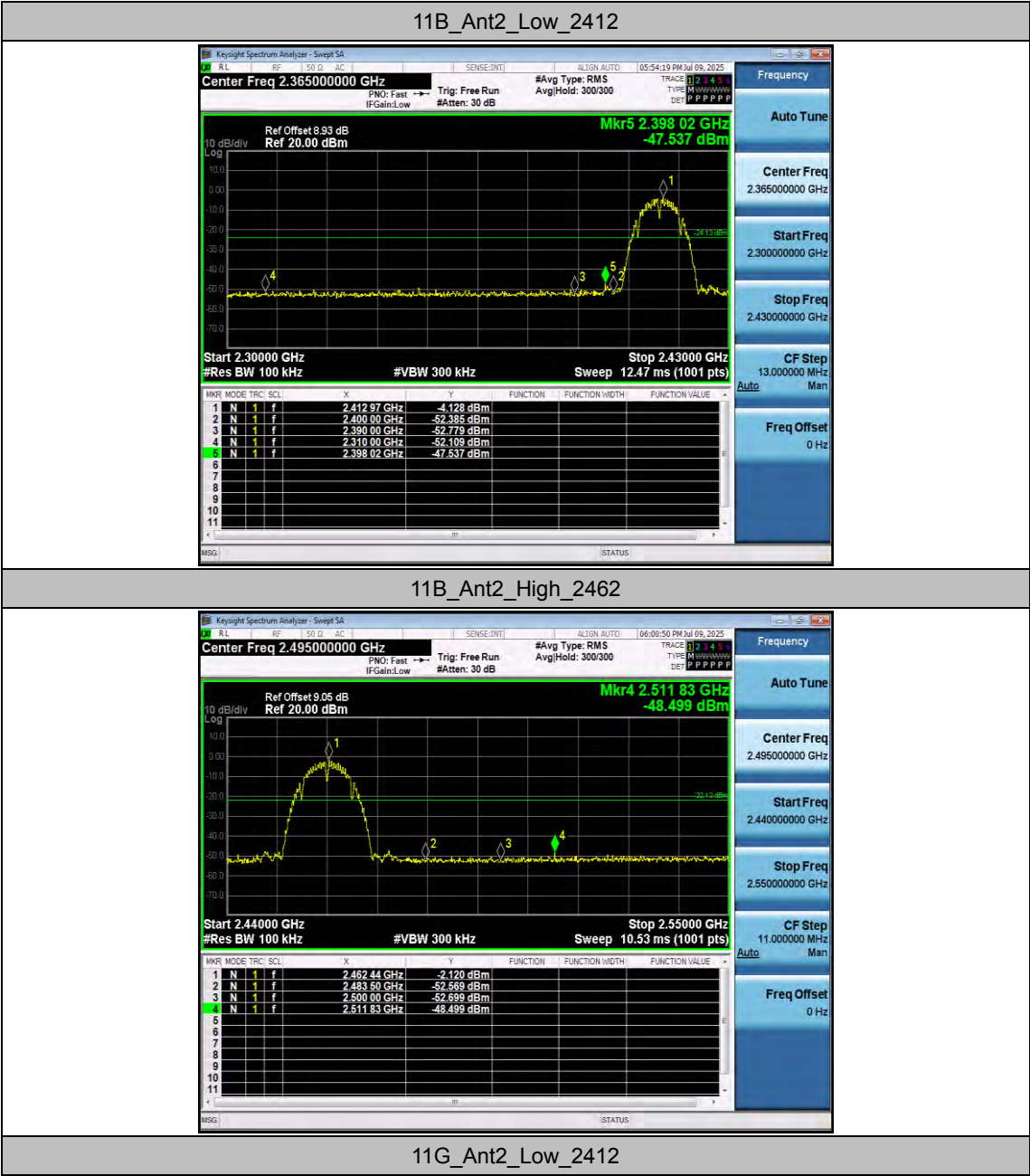


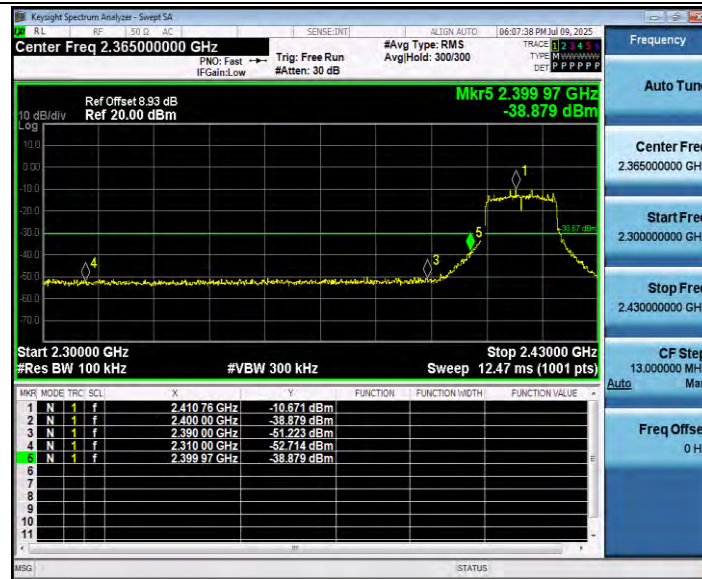
Appendix C.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	-4.13	-47.54	≤ -24.13	PASS
		High	2462	-2.12	-48.5	≤ -22.12	PASS
11G	Ant2	Low	2412	-10.67	-38.88	≤ -30.67	PASS
		High	2462	-8.25	-49.08	≤ -28.25	PASS
11N20SISO	Ant2	Low	2412	-10.09	-38.76	≤ -30.09	PASS
		High	2462	-10.25	-48.91	≤ -30.25	PASS
11N40SISO	Ant2	Low	2422	-14.51	-45.28	≤ -34.51	PASS
		High	2452	-13.49	-49.18	≤ -33.49	PASS
11AX20SISO	Ant2	Low	2412	-9.93	-37.53	≤ -29.93	PASS
		High	2462	-10.59	-48.22	≤ -30.59	PASS
11AX40SISO	Ant2	Low	2422	-15.15	-46.06	≤ -35.15	PASS
		High	2452	-14.07	-49.49	≤ -34.07	PASS

Test Graphs

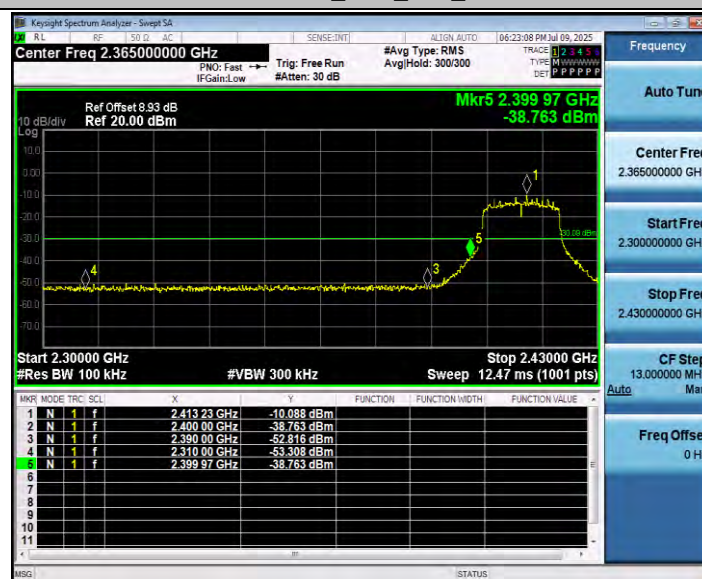




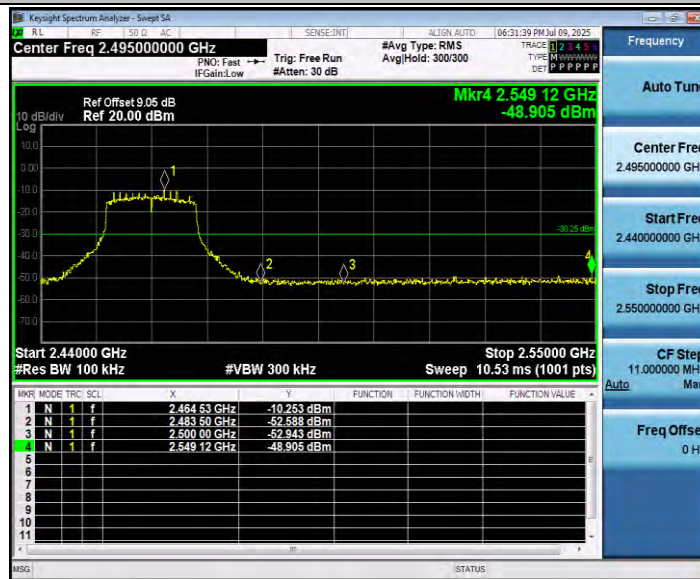
11G_Ant2_High_2462



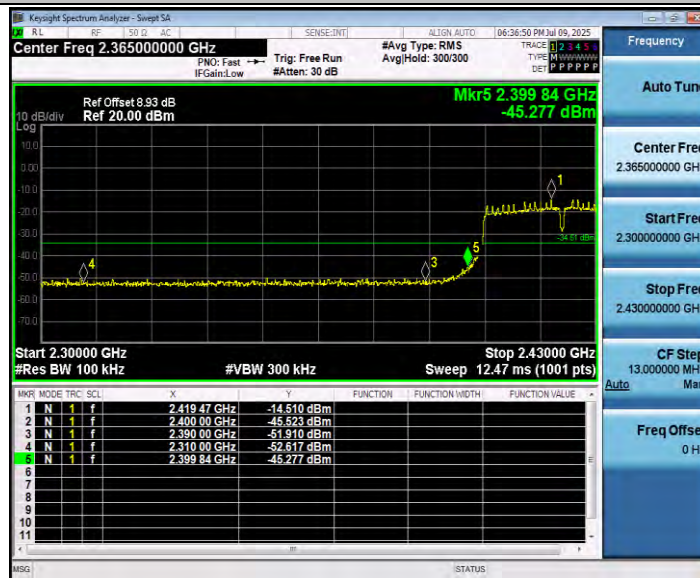
11N20SISO_Ant2_Low_2412



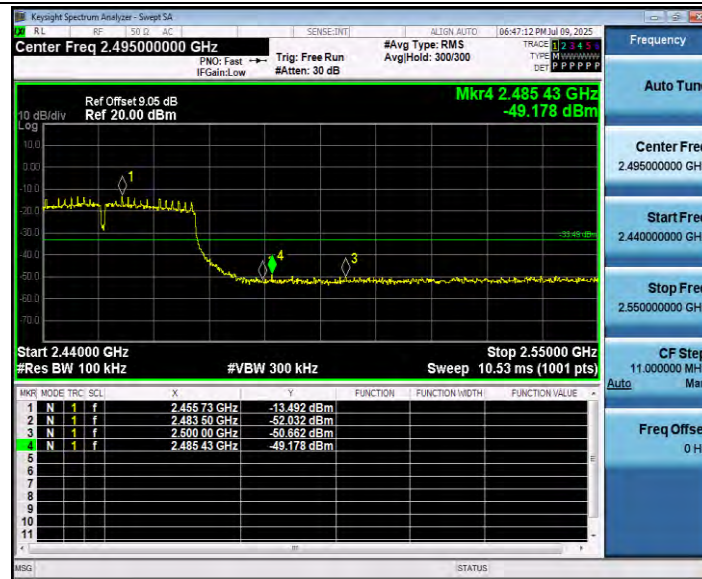
11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452



11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462



