

Case No. : <u>GTS20251018009-1-04</u>
Ambient Condition: <u>20℃,50%RH,</u>
Test Date: <u>2026.1.08-2026.3.19</u> Test Engineer: <u>Evan ouyang</u>

AppendixC.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	8.200	2407.920	2416.120	0.5	PASS
		2437	8.240	2432.880	2441.120	0.5	PASS
		2462	8.640	2457.400	2466.040	0.5	PASS
11G	Ant2	2412	16.120	2404.040	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.160	2453.800	2469.960	0.5	PASS
11N20SISO	Ant2	2412	17.240	2403.440	2420.680	0.5	PASS
		2437	17.520	2428.240	2445.760	0.5	PASS
		2462	17.120	2453.200	2470.320	0.5	PASS
11N40SISO	Ant2	2422	35.760	2404.080	2439.840	0.5	PASS
		2437	36.160	2418.920	2455.080	0.5	PASS
		2452	35.360	2434.320	2469.680	0.5	PASS
11AX20SISO	Ant2	2412	18.560	2402.960	2421.520	0.5	PASS
		2437	18.840	2427.640	2446.480	0.5	PASS
		2462	18.240	2452.640	2470.880	0.5	PASS
11AX40SISO	Ant2	2422	37.200	2403.280	2440.480	0.5	PASS
		2437	38.000	2418.120	2456.120	0.5	PASS
		2452	37.680	2433.040	2470.720	0.5	PASS

Test Graphs

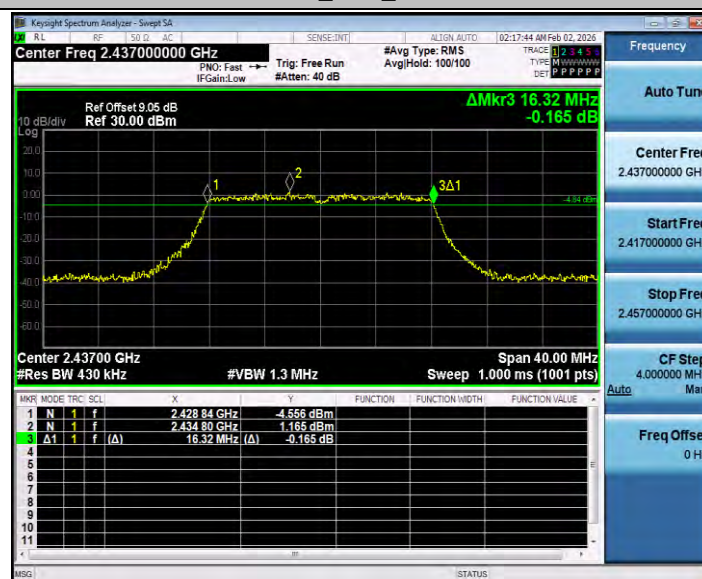




11G_Ant2_2412



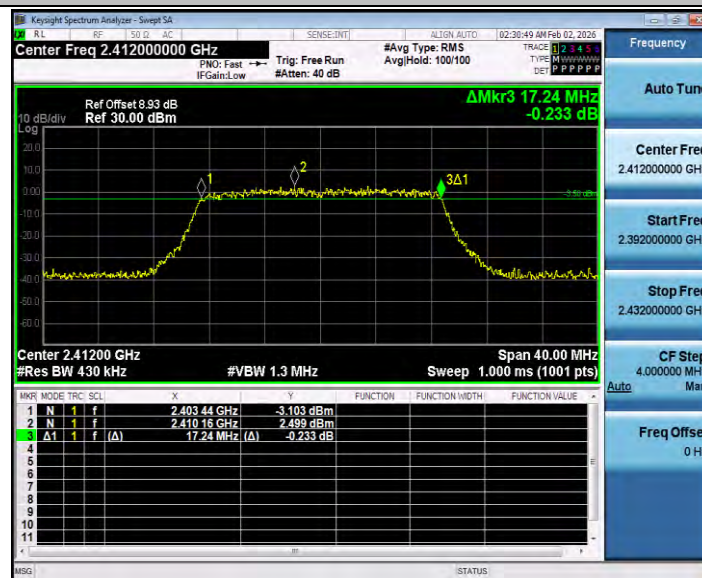
11G_Ant2_2437



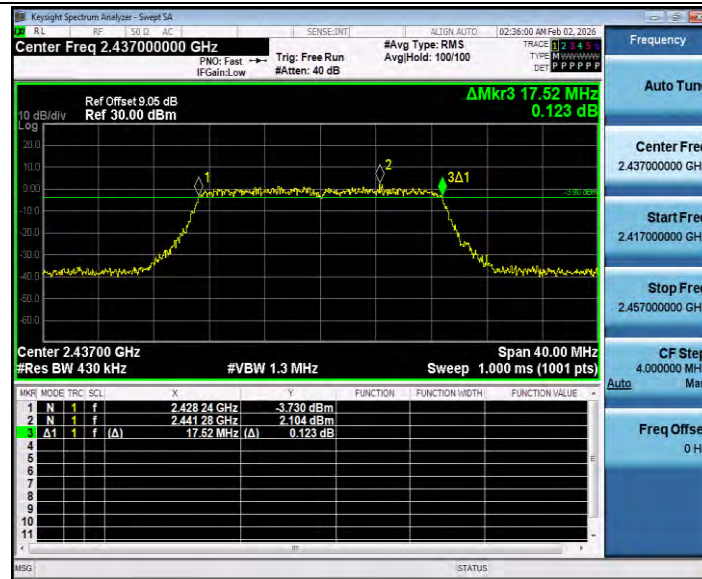
11G_Ant2_2462



11N20SISO_Ant2_2412



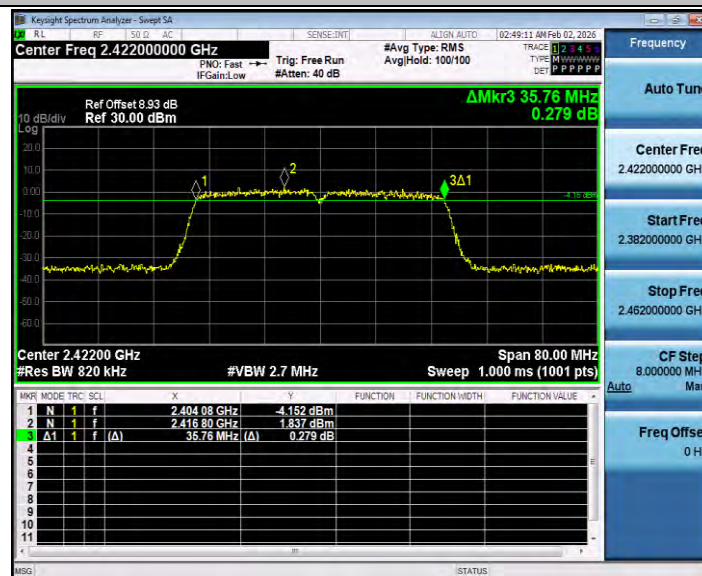
11N20SISO_Ant2_2437



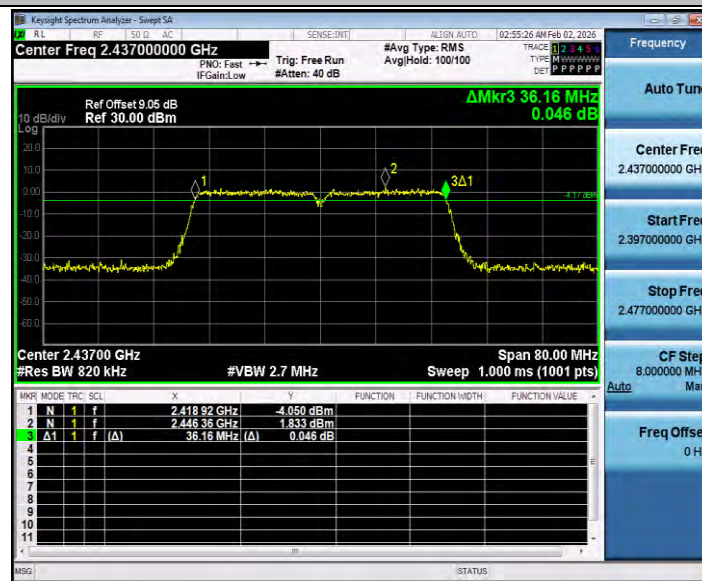
11N20SISO_Ant2_2462



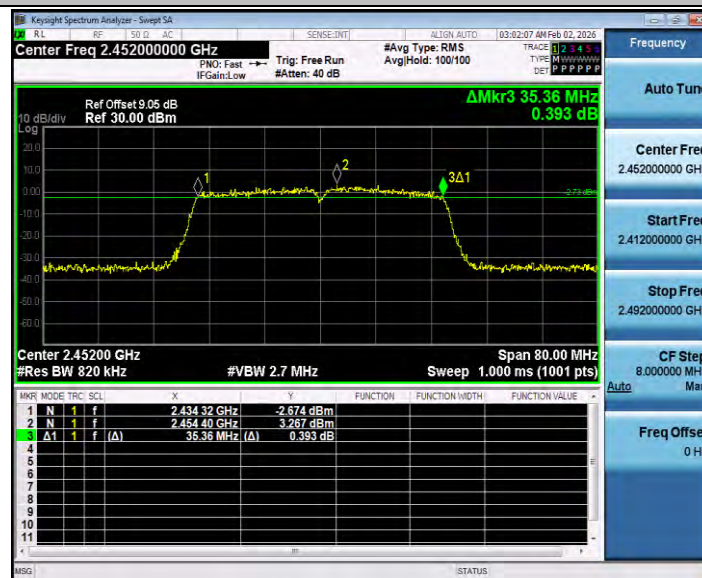
11N40SISO_Ant2_2422



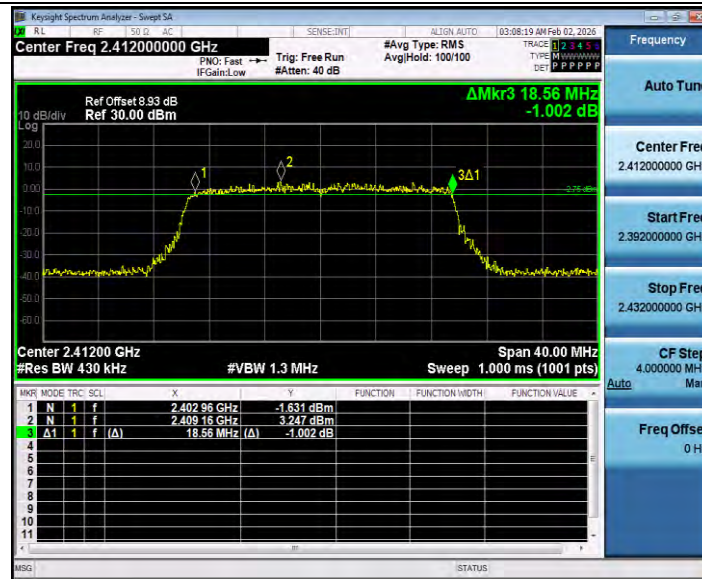
11N40SISO_Ant2_2437



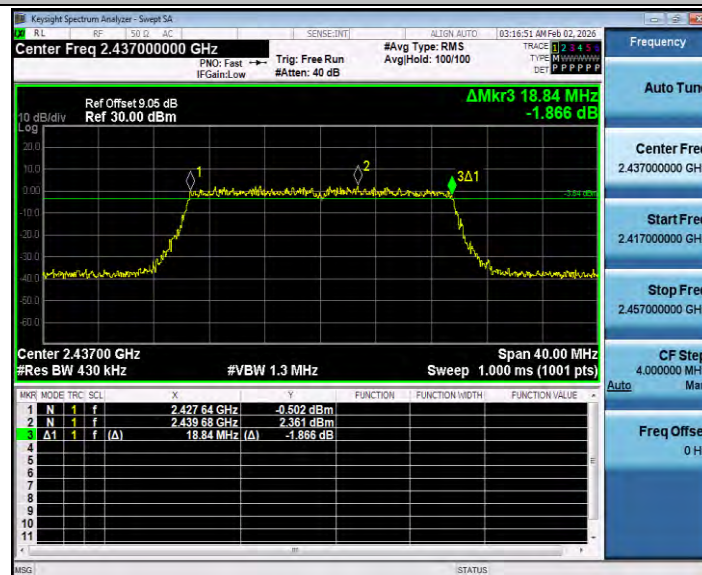
11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



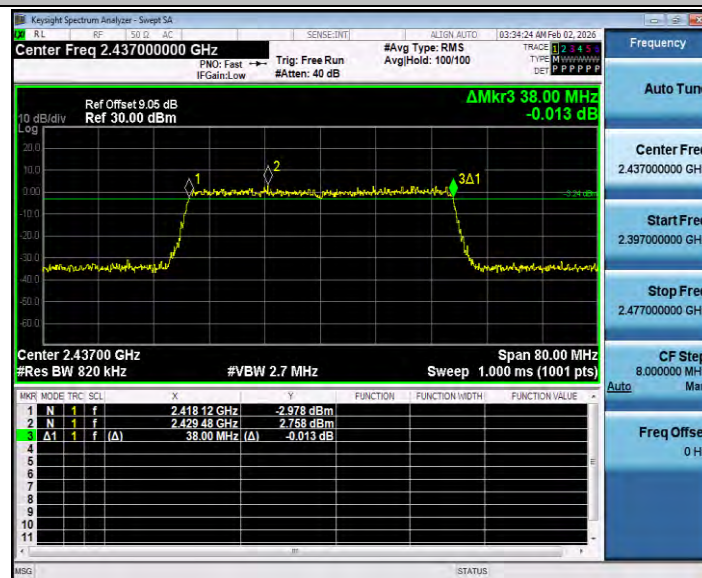
11AX20SISO_Ant2_2462



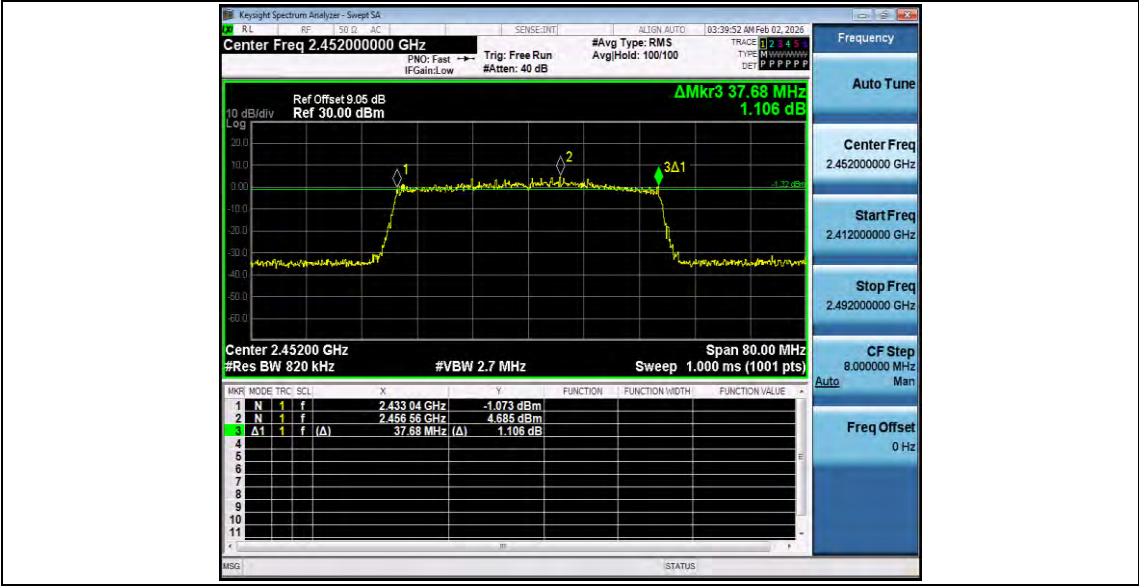
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



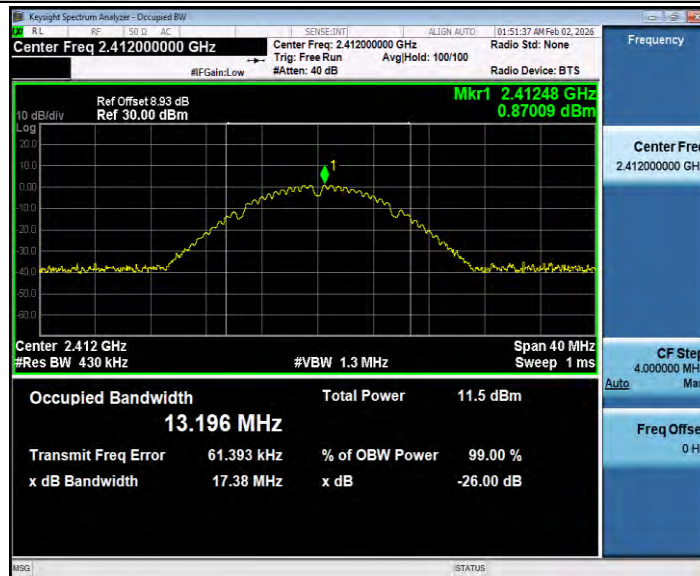
AppendixC.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.196	2405.4634	2418.6594	---	---
		2437	13.545	2430.2403	2443.7853	---	---
		2462	13.301	2455.1165	2468.4175	---	---
11G	Ant2	2412	16.500	2403.7743	2420.2743	---	---
		2437	16.683	2428.6163	2445.2993	---	---
		2462	16.562	2453.6084	2470.1704	---	---
11N20SISO	Ant2	2412	17.674	2403.1952	2420.8692	---	---
		2437	17.763	2428.1289	2445.8919	---	---
		2462	17.676	2453.0723	2470.7483	---	---
11N40SISO	Ant2	2422	36.030	2403.9840	2440.0140	---	---
		2437	36.410	2418.8090	2455.2190	---	---
		2452	35.975	2433.9784	2469.9534	---	---
11AX20SISO	Ant2	2412	18.947	2402.5707	2421.5177	---	---
		2437	19.044	2427.4795	2446.5235	---	---
		2462	18.937	2452.4713	2471.4083	---	---
11AX40SISO	Ant2	2422	37.704	2403.1855	2440.8895	---	---
		2437	37.975	2418.0399	2456.0149	---	---
		2452	37.612	2433.1820	2470.7940	---	---

Test Graphs

11B_Ant2_2412



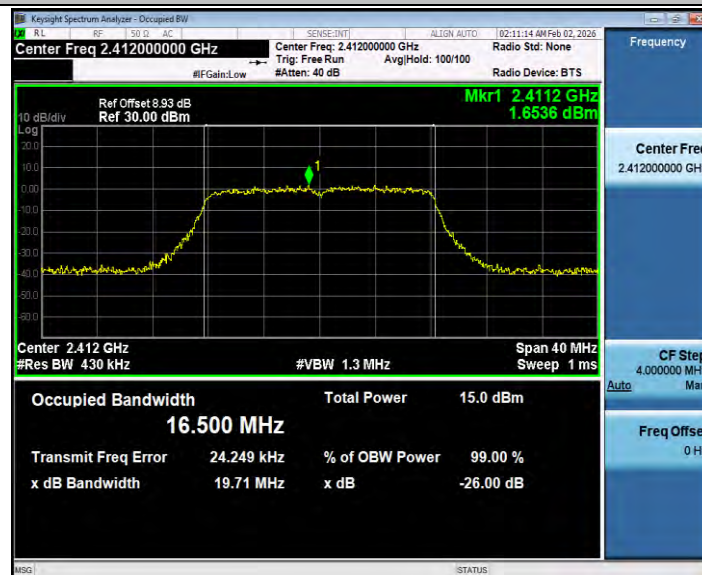
11B_Ant2_2437



11B_Ant2_2462



11G_Ant2_2412



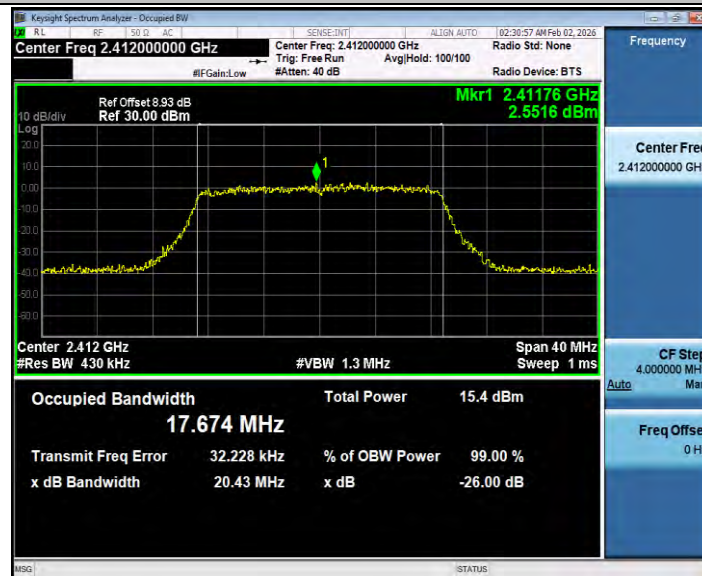
11G_Ant2_2437



11G_Ant2_2462



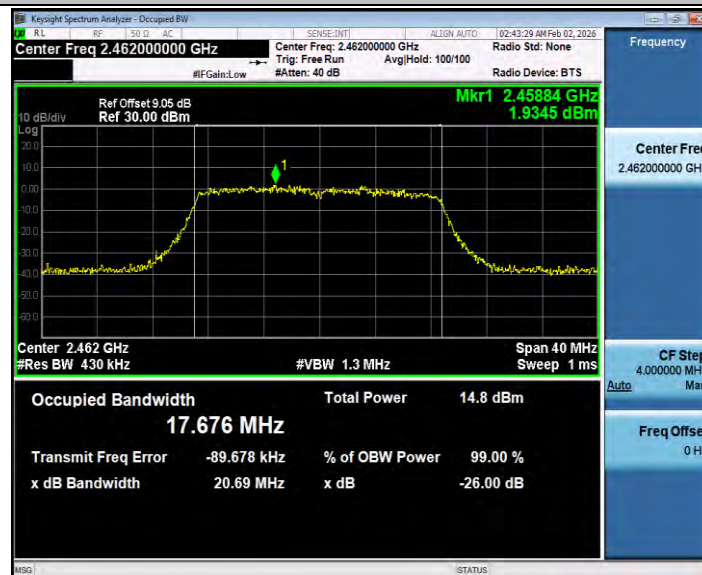
11N20SISO_Ant2_2412



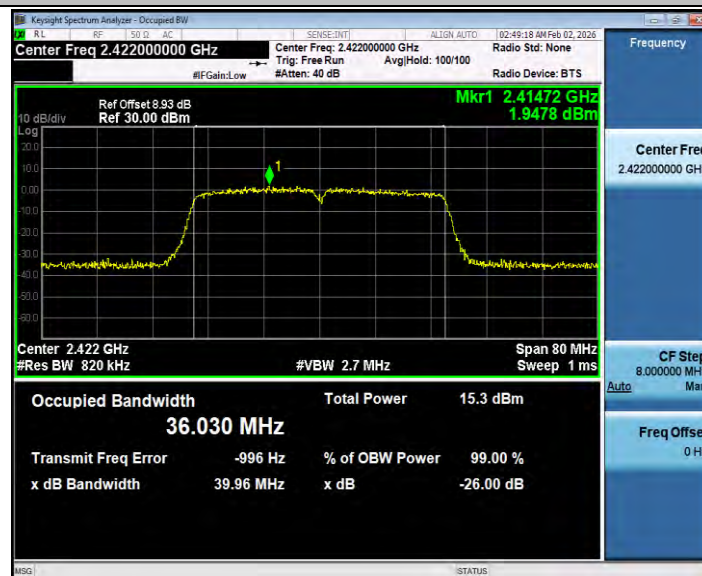
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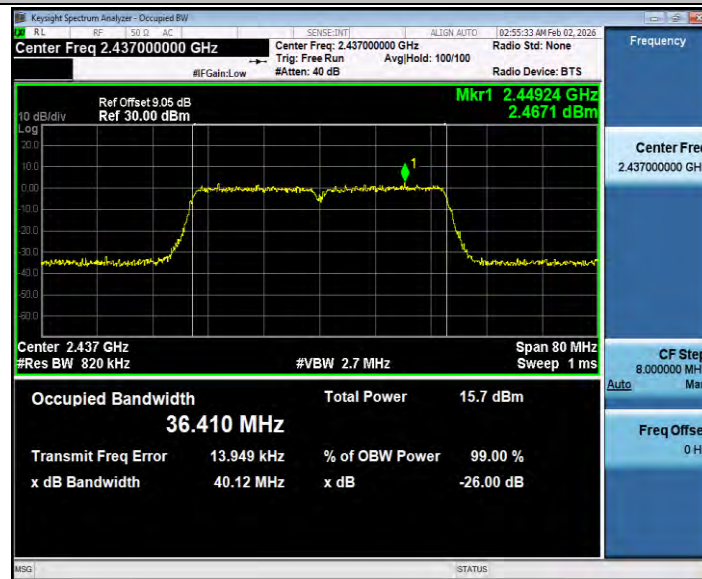
11N20SISO_Ant2_2462



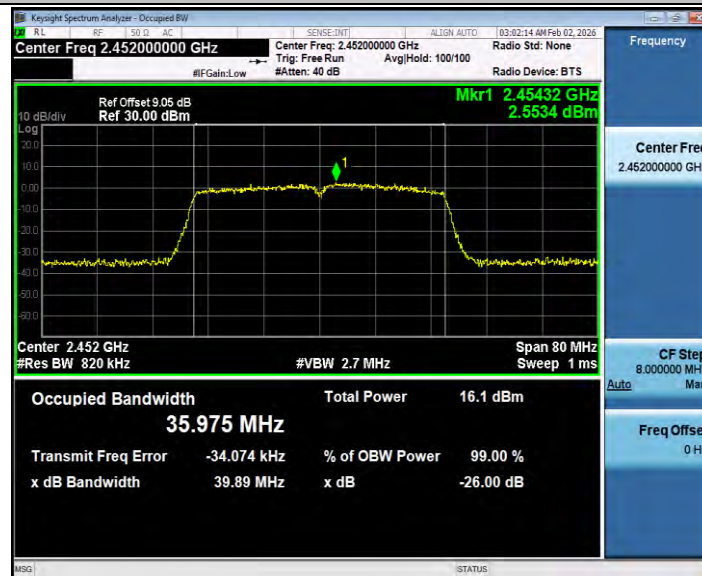
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



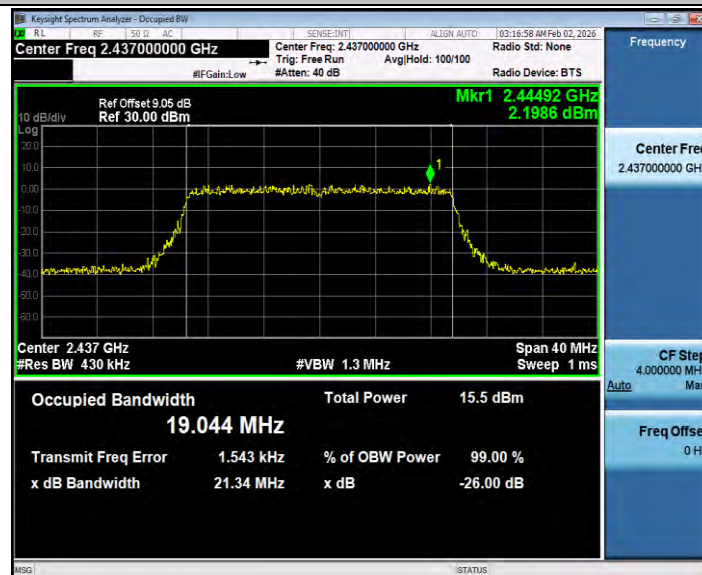
11N40SISO_Ant2_2452



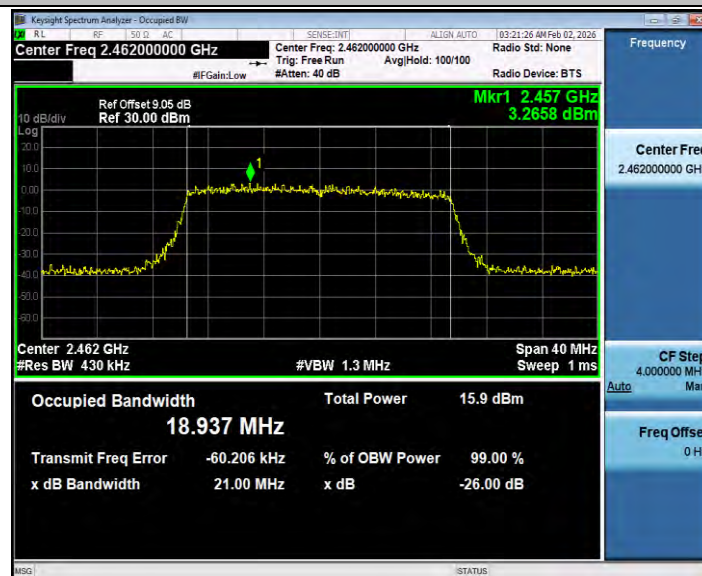
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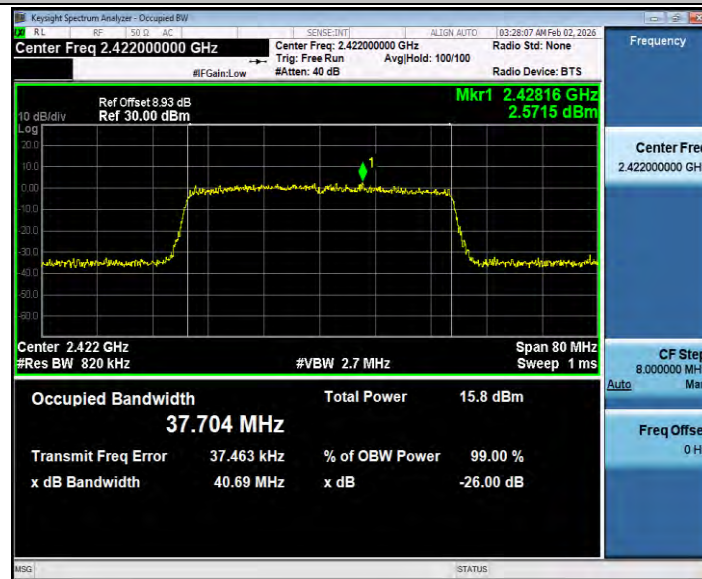
11AX20ISO_Ant2_2437



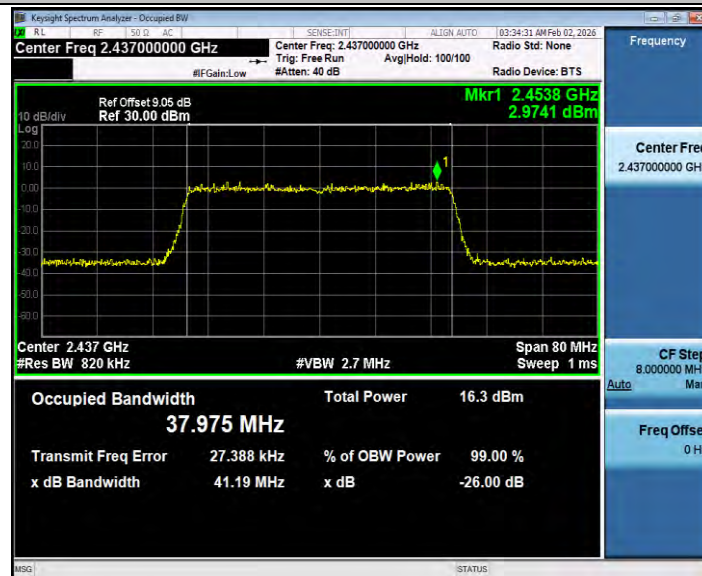
11AX20ISO_Ant2_2462



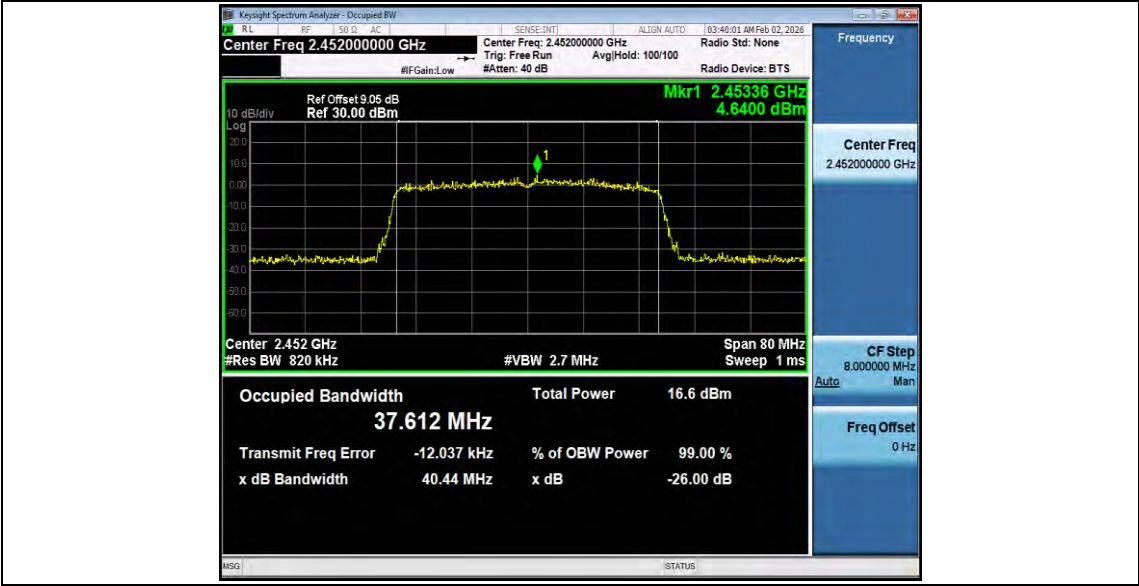
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



AppendixC.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	11.60	≤30.00	PASS
		2437	10.89	≤30.00	PASS
		2462	11.11	≤30.00	PASS
11G	Ant2	2412	16.07	≤30.00	PASS
		2437	15.29	≤30.00	PASS
		2462	15.63	≤30.00	PASS
11N20SISO	Ant2	2412	16.29	≤30.00	PASS
		2437	15.58	≤30.00	PASS
		2462	15.95	≤30.00	PASS
11N40SISO	Ant2	2422	15.56	≤30.00	PASS
		2437	15.87	≤30.00	PASS
		2452	16.27	≤30.00	PASS
11AX20SISO	Ant2	2412	17.00	≤30.00	PASS
		2437	16.25	≤30.00	PASS
		2462	16.56	≤30.00	PASS
11AX40SISO	Ant2	2422	15.86	≤30.00	PASS
		2437	16.33	≤30.00	PASS
		2452	16.66	≤30.00	PASS

AppendixC.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-14.34	≤8.00	PASS
		2437	-14.77	≤8.00	PASS
		2462	-14.91	≤8.00	PASS
11G	Ant2	2412	-16.41	≤8.00	PASS
		2437	-18.36	≤8.00	PASS
		2462	-17.13	≤8.00	PASS
11N20SISO	Ant2	2412	-15.94	≤8.00	PASS
		2437	-17.26	≤8.00	PASS
		2462	-16.07	≤8.00	PASS
11N40SISO	Ant2	2422	-19.42	≤8.00	PASS
		2437	-19.74	≤8.00	PASS
		2452	-18.31	≤8.00	PASS
11AX20SISO	Ant2	2412	-17.29	≤8.00	PASS
		2437	-17.85	≤8.00	PASS
		2462	-17.38	≤8.00	PASS
11AX40SISO	Ant2	2422	-19.53	≤8.00	PASS
		2437	-19.96	≤8.00	PASS
		2452	-17.75	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11B_Ant2_2412



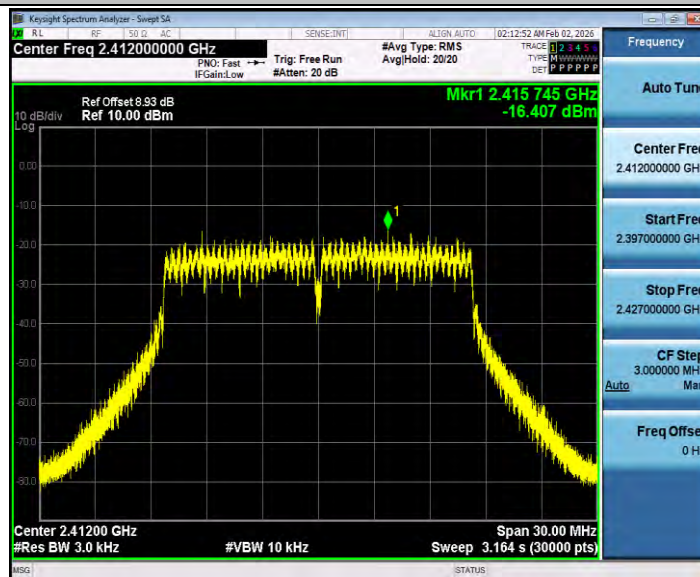
11B_Ant2_2437



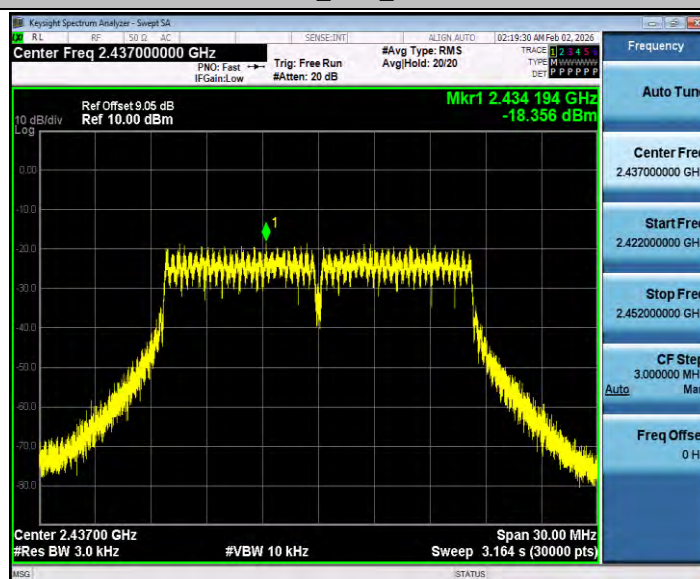
11B_Ant2_2462



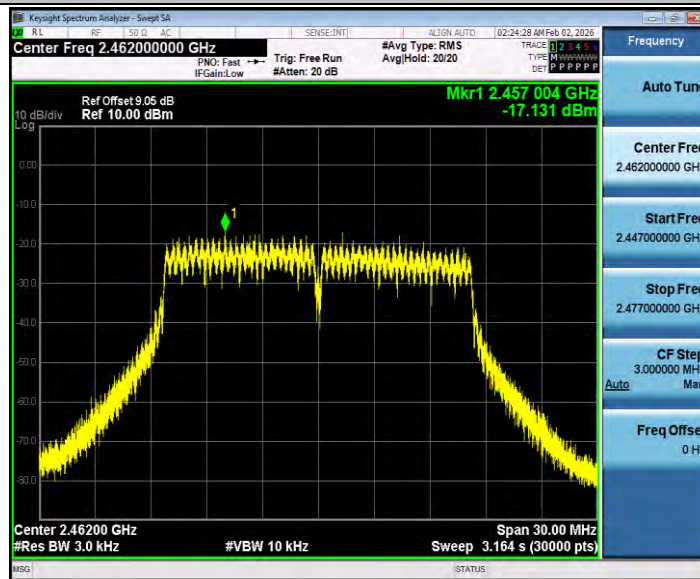
11G_Ant2_2412



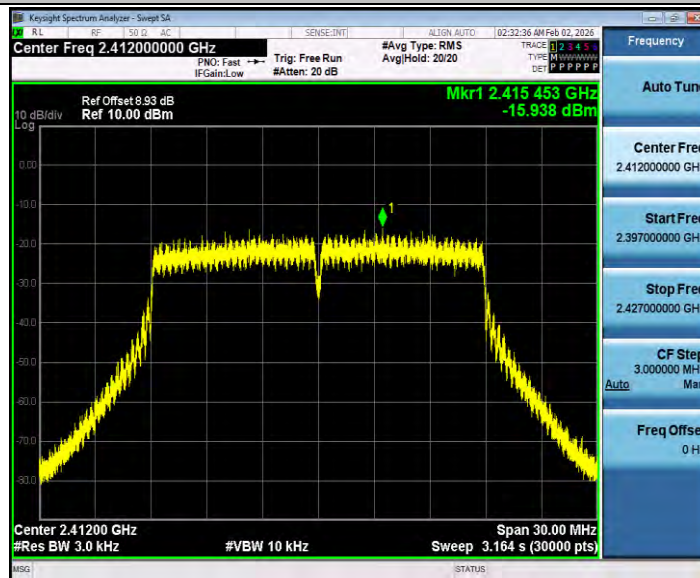
11G_Ant2_2437



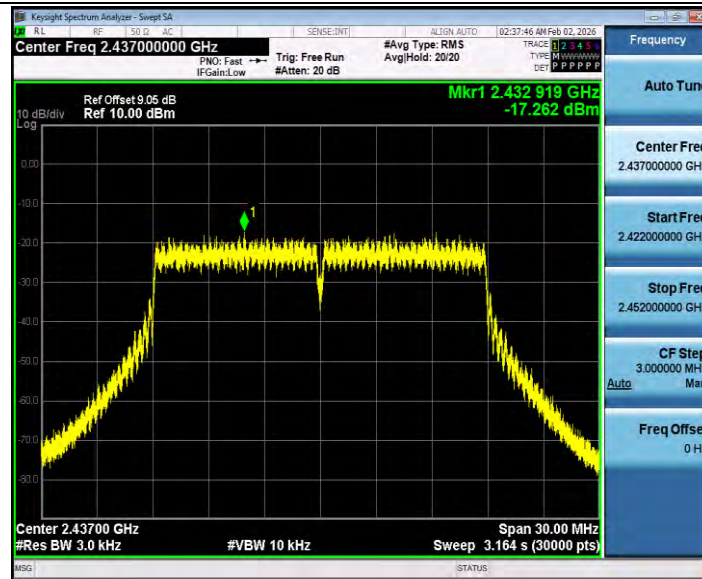
11G_Ant2_2462



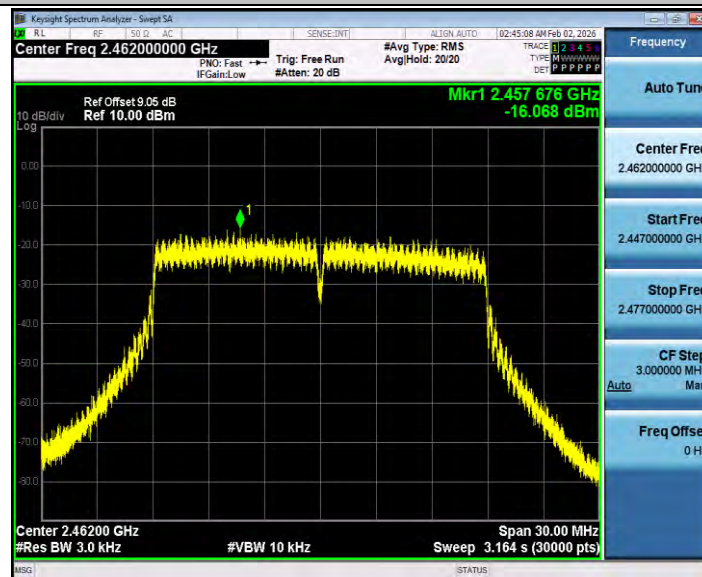
11N20SISO_Ant2_2412



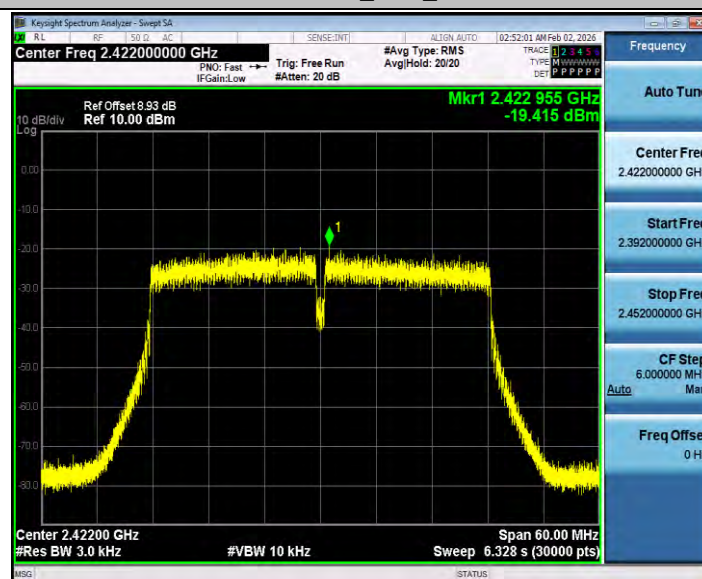
11N20SISO_Ant2_2437



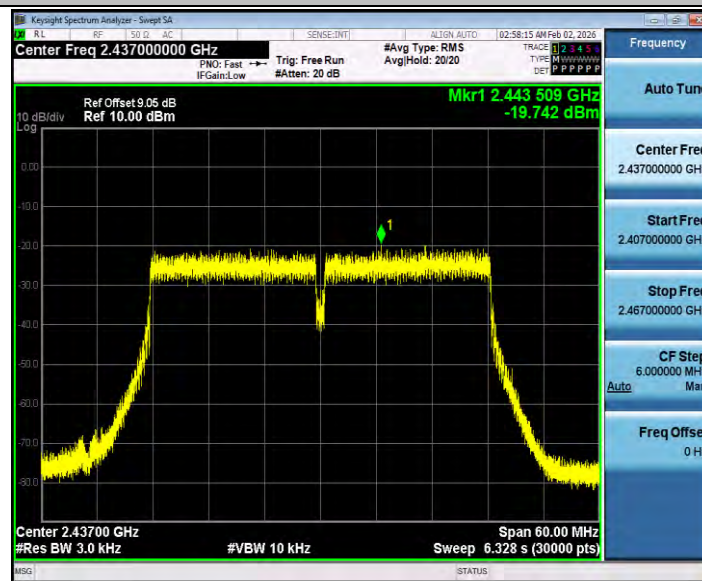
11N20SISO_Ant2_2462



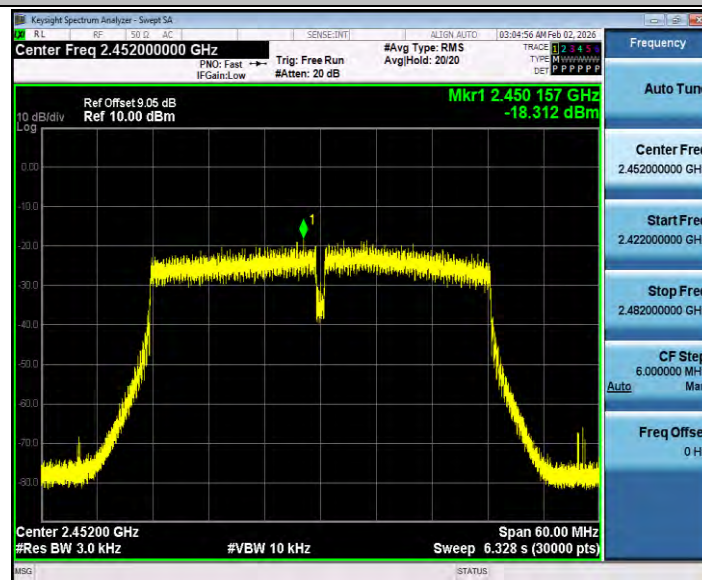
11N40SISO_Ant2_2422



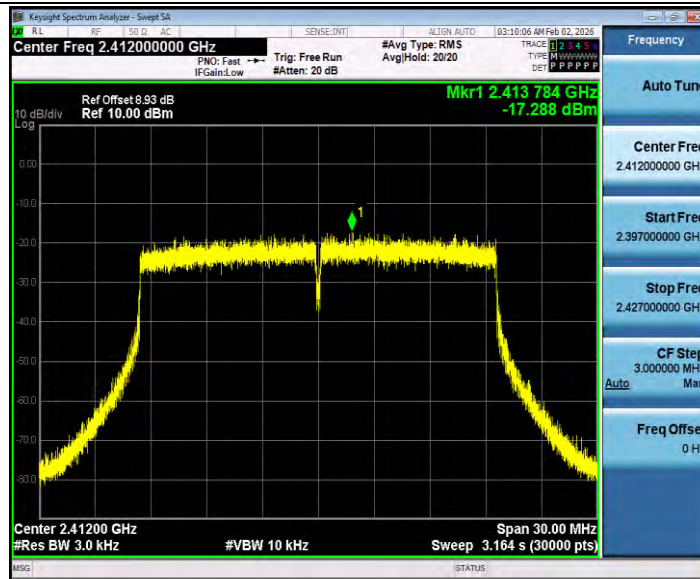
11N40SISO_Ant2_2437



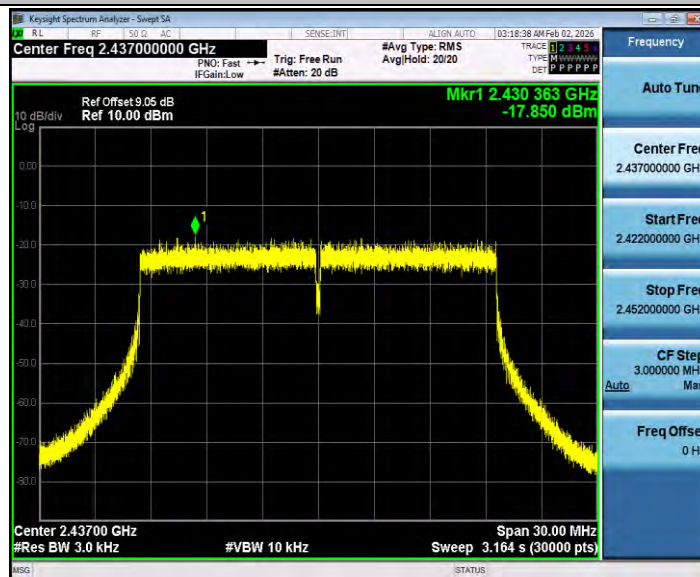
11N40SISO_Ant2_2452



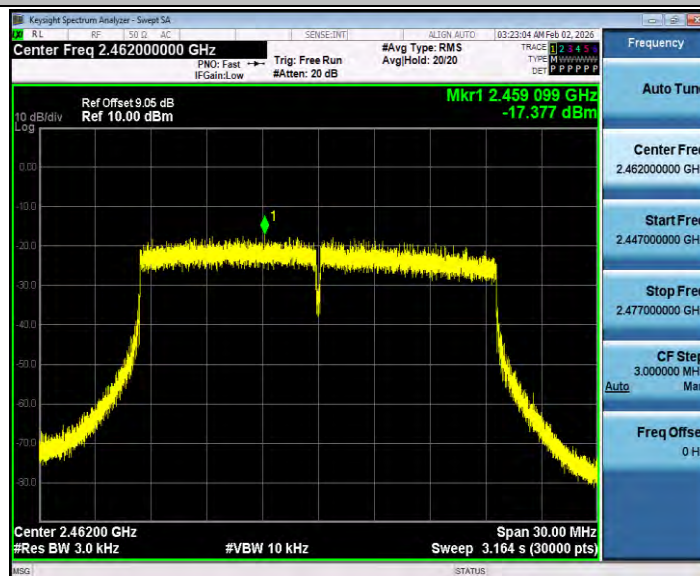
11AX20SISO_Ant2_2412



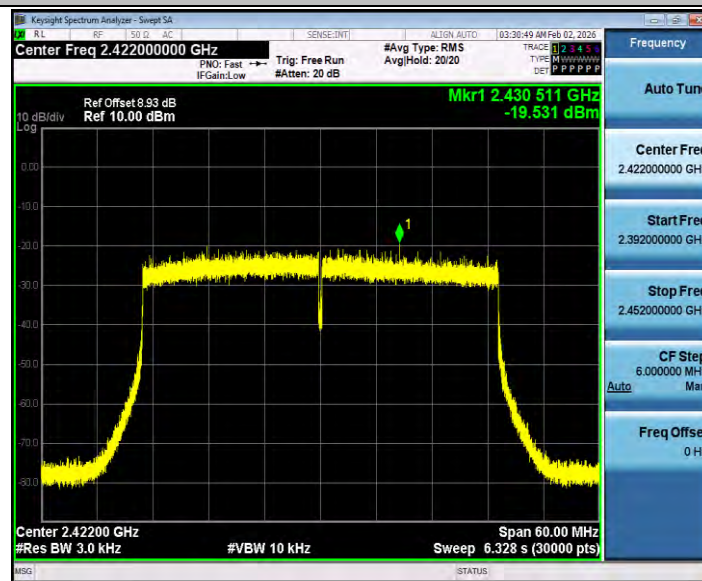
11AX20SISO_Ant2_2437



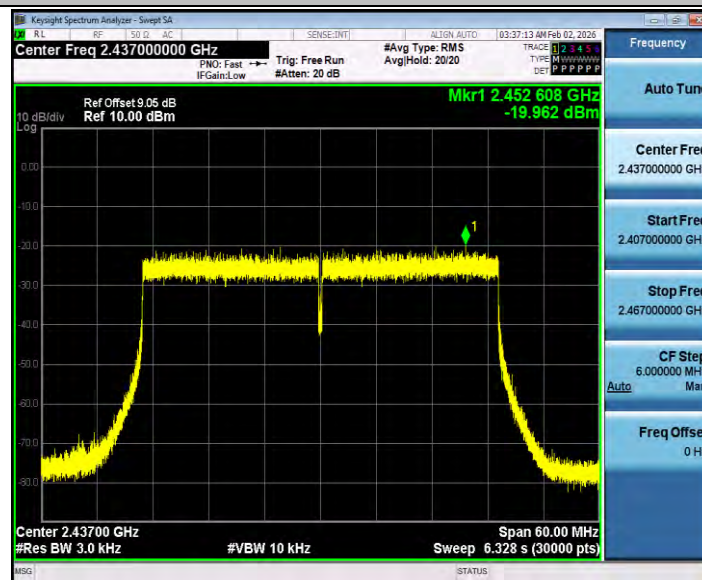
11AX20SISO_Ant2_2462



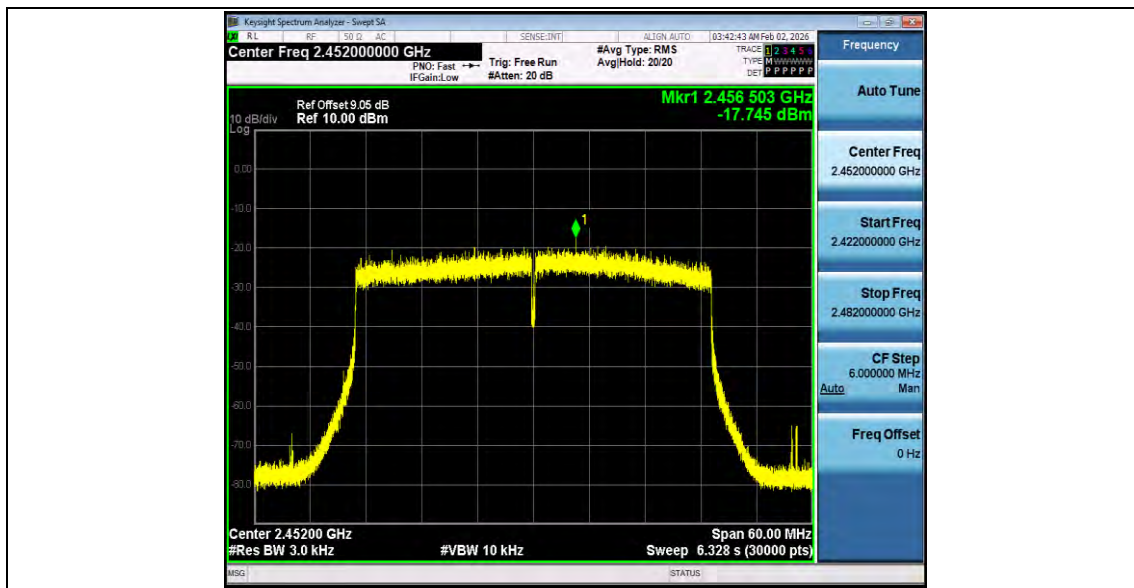
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



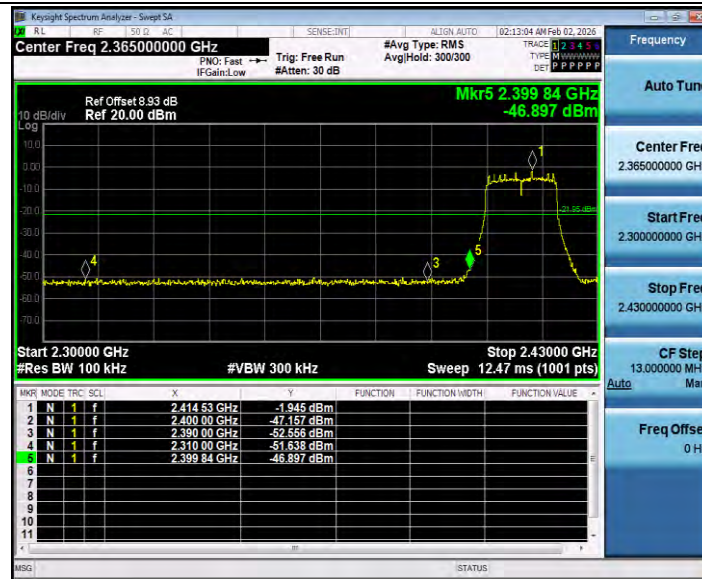
Appendix C.5: Band edge measurements

Test Result

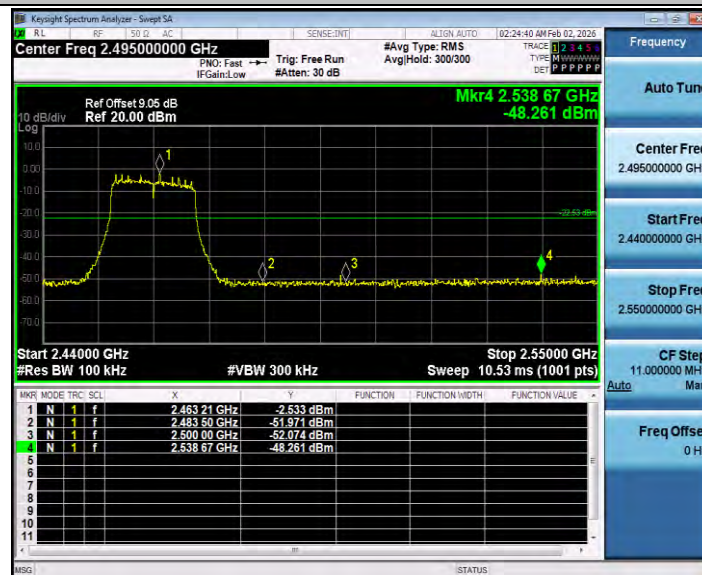
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	-0.05	-49.99	≤ -20.05	PASS
		High	2462	-0.61	-49.73	≤ -20.61	PASS
11G	Ant2	Low	2412	-1.95	-46.9	≤ -21.95	PASS
		High	2462	-2.53	-48.26	≤ -22.53	PASS
11N20SISO	Ant2	Low	2412	-2.72	-44.07	≤ -22.72	PASS
		High	2462	-2.72	-49.13	≤ -22.72	PASS
11N40SISO	Ant2	Low	2422	-6.40	-46.83	≤ -26.4	PASS
		High	2452	-4.85	-48.34	≤ -24.85	PASS
11AX20SISO	Ant2	Low	2412	-2.84	-43.51	≤ -22.84	PASS
		High	2462	-2.58	-49.41	≤ -22.58	PASS
11AX40SISO	Ant2	Low	2422	-6.08	-48.42	≤ -26.08	PASS
		High	2452	-4.28	-48.92	≤ -24.28	PASS

Test Graphs

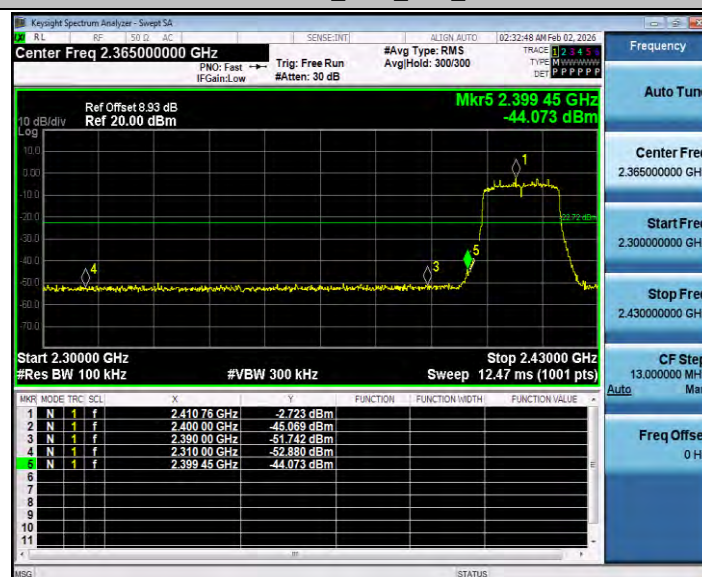




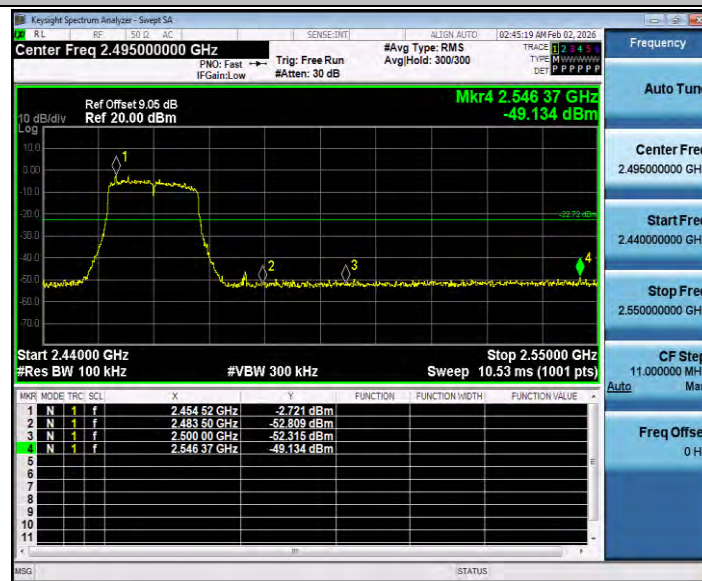
11G_Ant2_High_2462



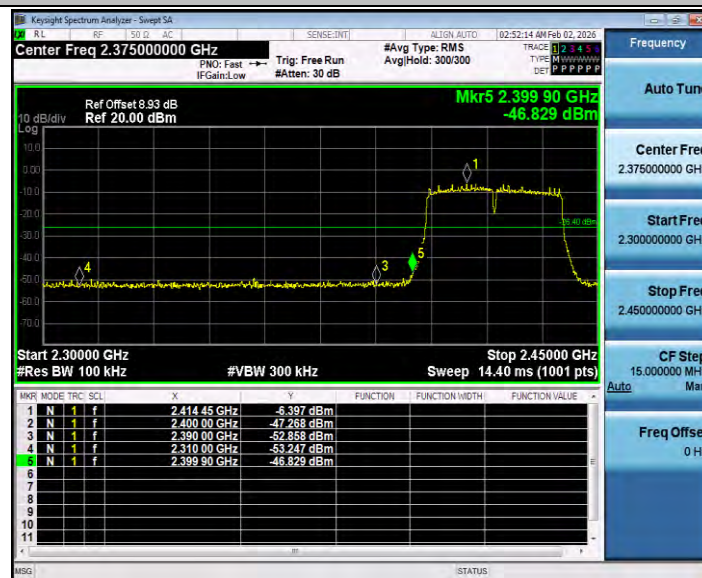
11N20SISO_Ant2_Low_2412



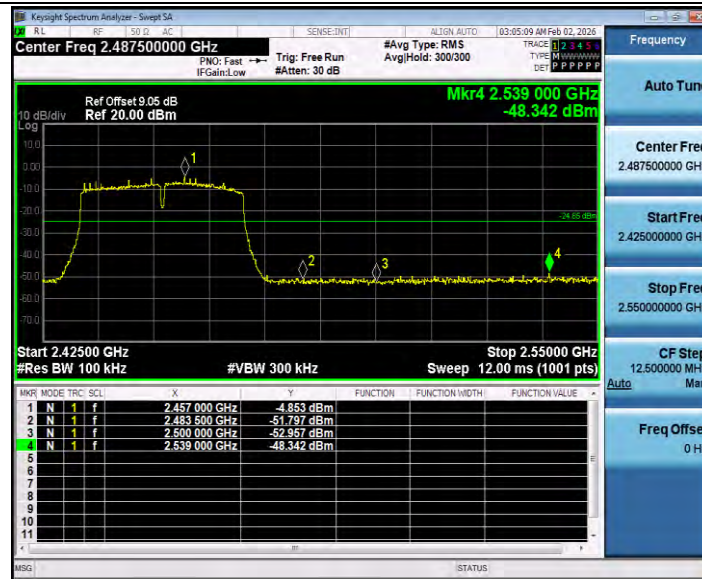
11N20SISO_Ant2_High_2462



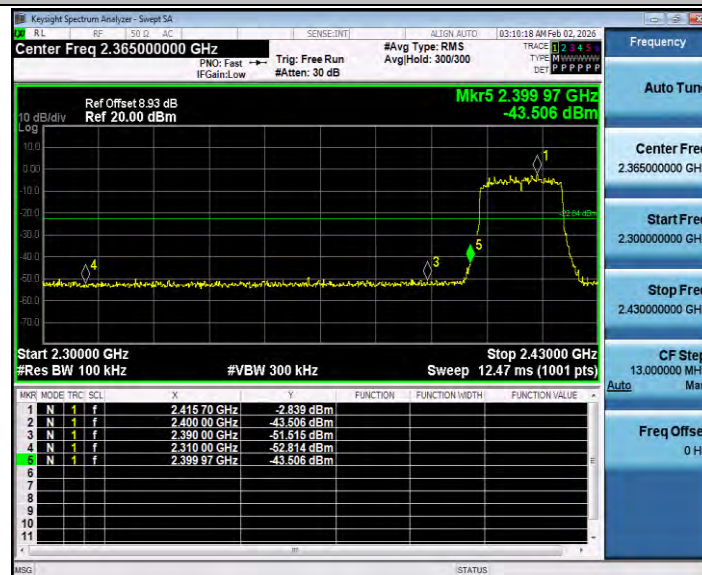
11N40SISO_Ant2_Low_2422



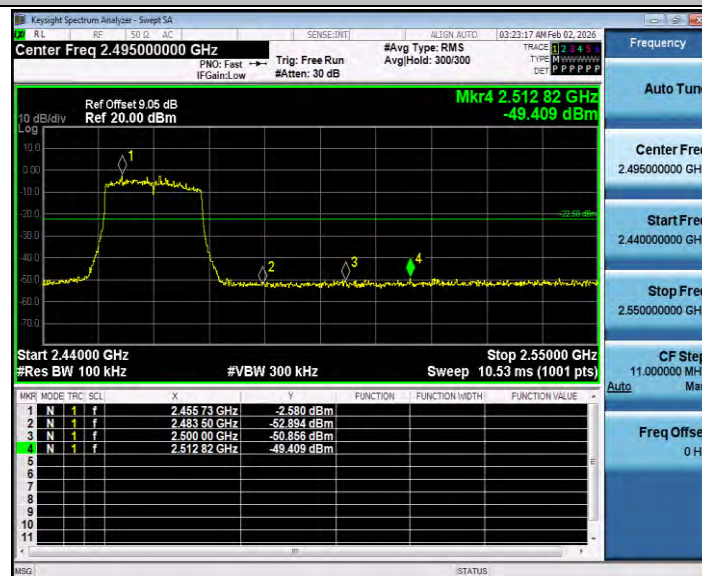
11N40SISO_Ant2_High_2452



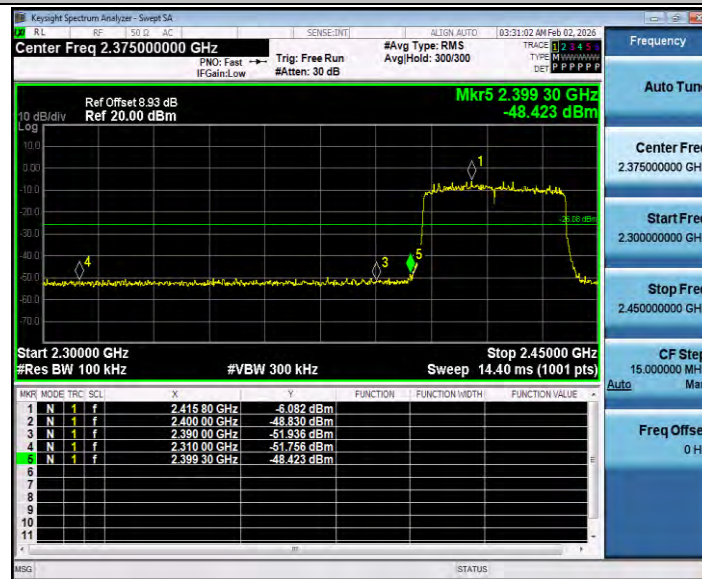
11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462



11AX40SISO_Ant2_Low_2422



11AX40SISO_Ant2_High_2452

