

Case No. : <u>GTS20250904023-1-01</u>	
Ambient Condition: <u>23℃,47%RH,</u>	
Test Date: <u>2025.9.09-2025.9.29</u>	Test Engineer: <u>Evan ouyang</u>

AppendixA.1: DTS Bandwidth

Test Result

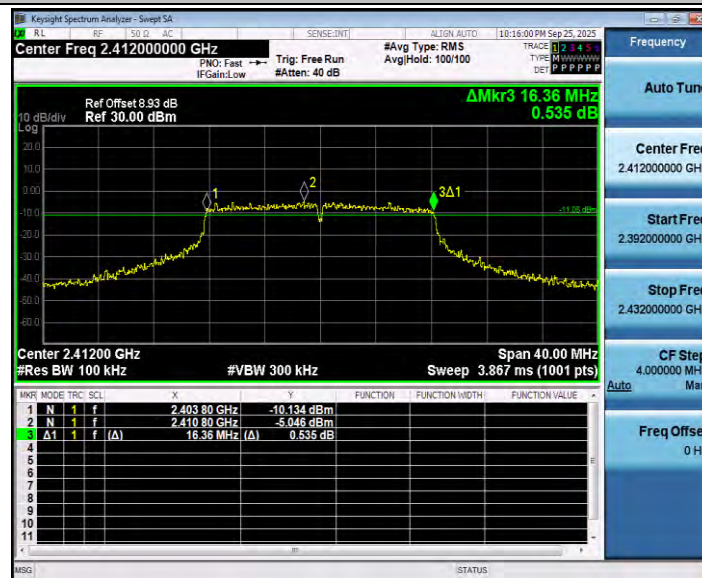
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.400	2416.520	0.5	PASS
		2437	9.080	2432.440	2441.520	0.5	PASS
		2462	9.520	2457.440	2466.960	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	15.320	2454.440	2469.760	0.5	PASS
11N20SISO	Ant1	2412	17.200	2403.200	2420.400	0.5	PASS
		2437	15.880	2429.480	2445.360	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS
11N40SISO	Ant1	2422	36.000	2403.840	2439.840	0.5	PASS
		2437	35.680	2419.080	2454.760	0.5	PASS
		2452	35.200	2434.400	2469.600	0.5	PASS
11AX20SISO	Ant1	2412	18.360	2402.720	2421.080	0.5	PASS
		2437	17.760	2427.920	2445.680	0.5	PASS
		2462	16.120	2453.400	2469.520	0.5	PASS
11AX40SISO	Ant1	2422	37.840	2403.200	2441.040	0.5	PASS
		2437	37.520	2418.200	2455.720	0.5	PASS
		2452	36.320	2433.200	2469.520	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



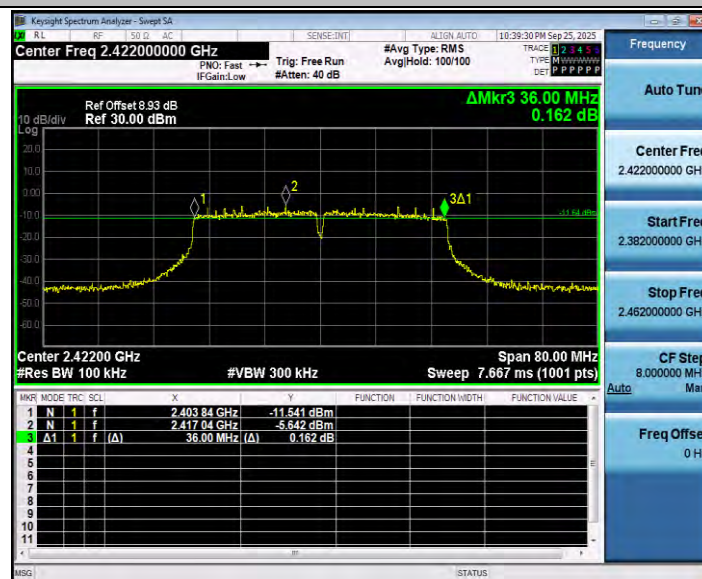


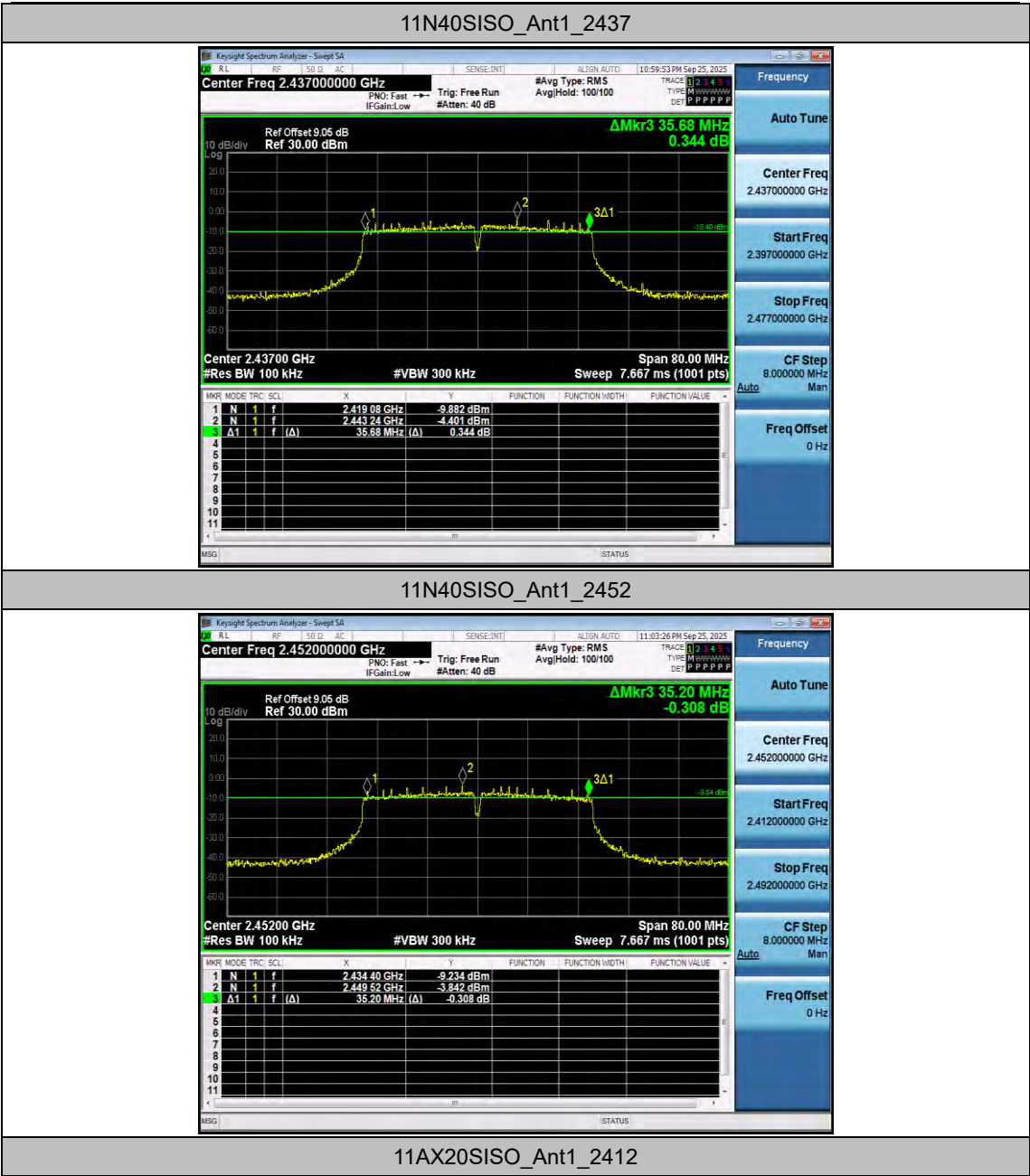


11N20SISO_Ant1_2462



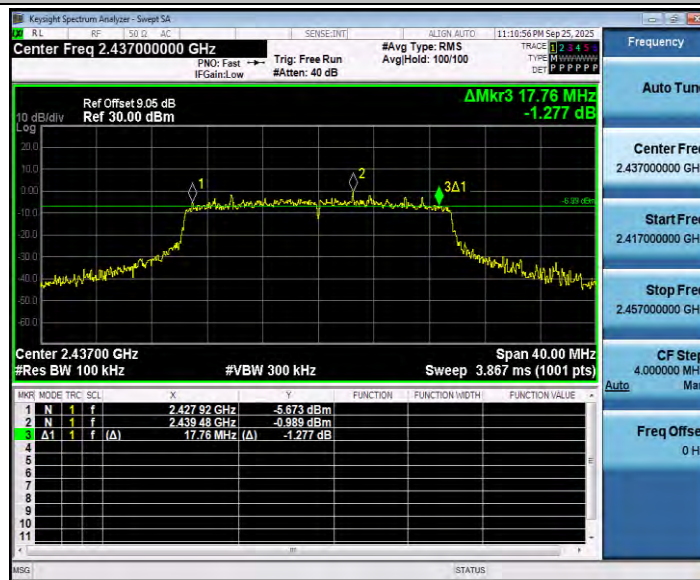
11N40SISO_Ant1_2422



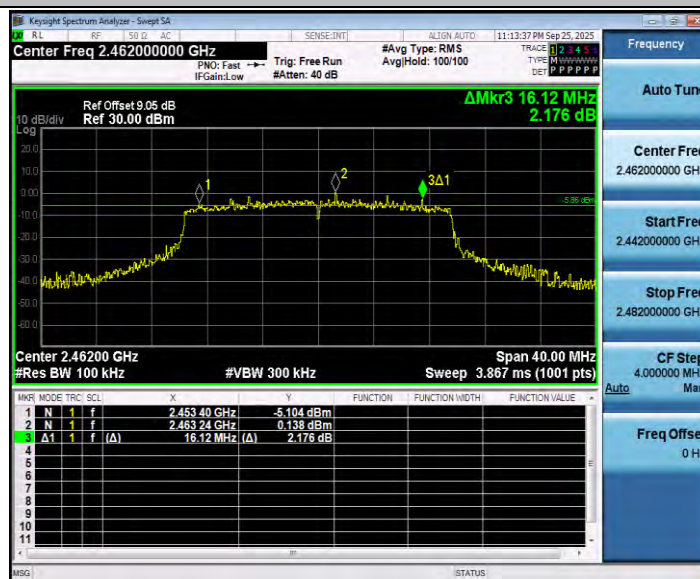




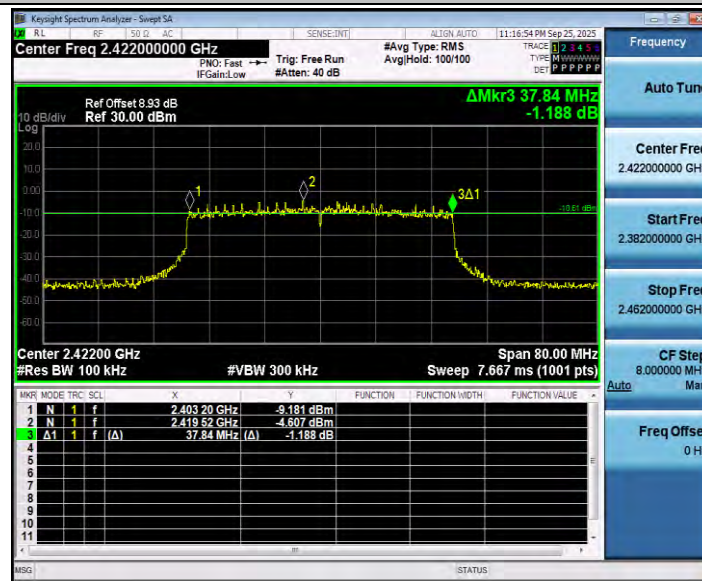
11AX20SISO_Ant1_2437



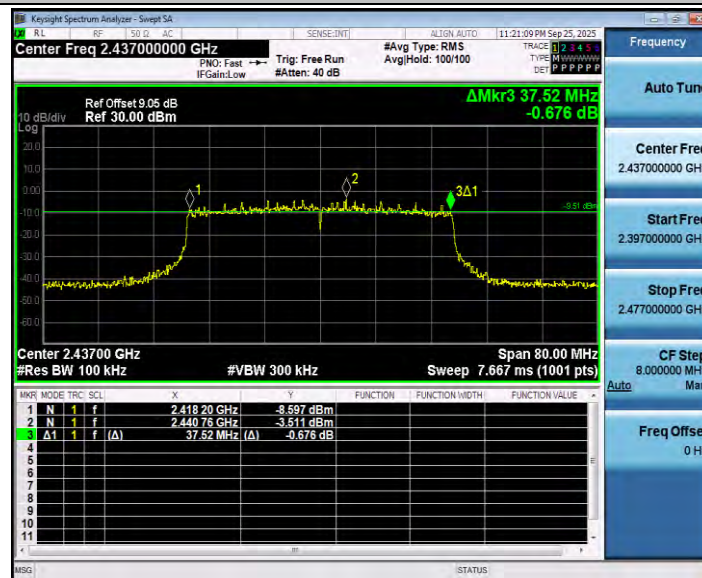
11AX20SISO_Ant1_2462



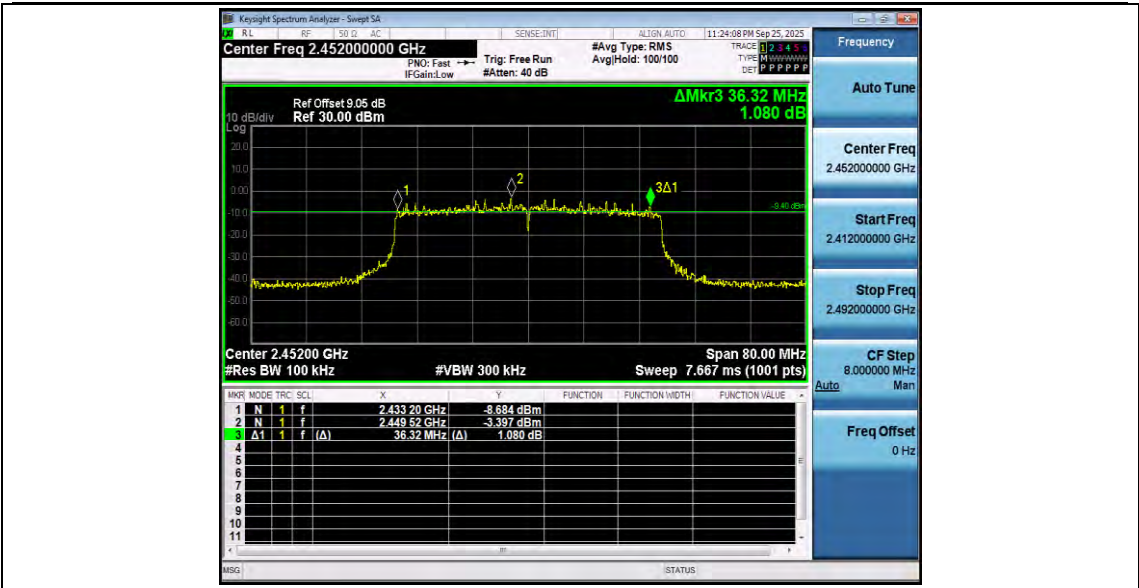
11AX40ISO_Ant1_2422



11AX40ISO_Ant1_2437



11AX40ISO_Ant1_2452

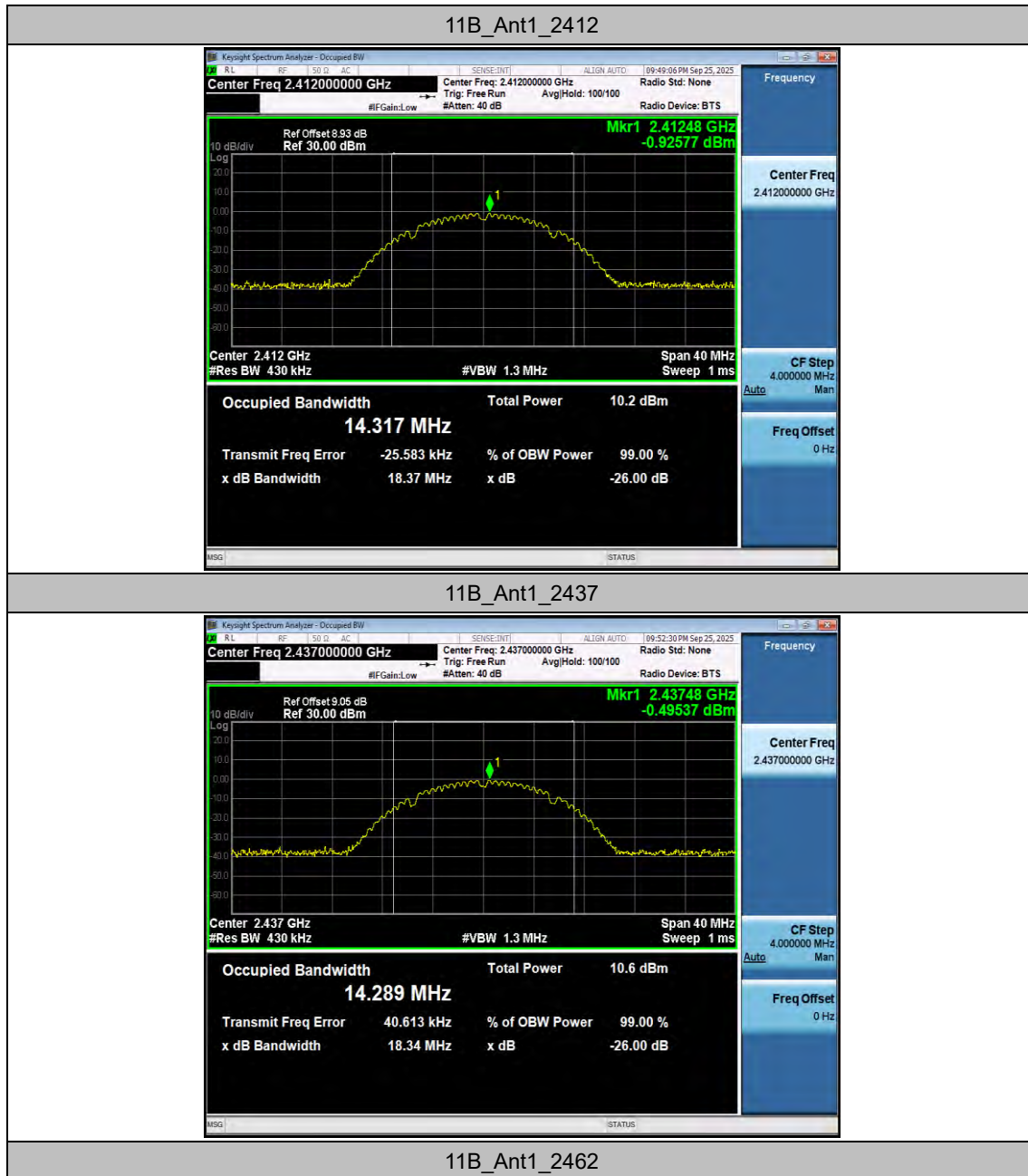


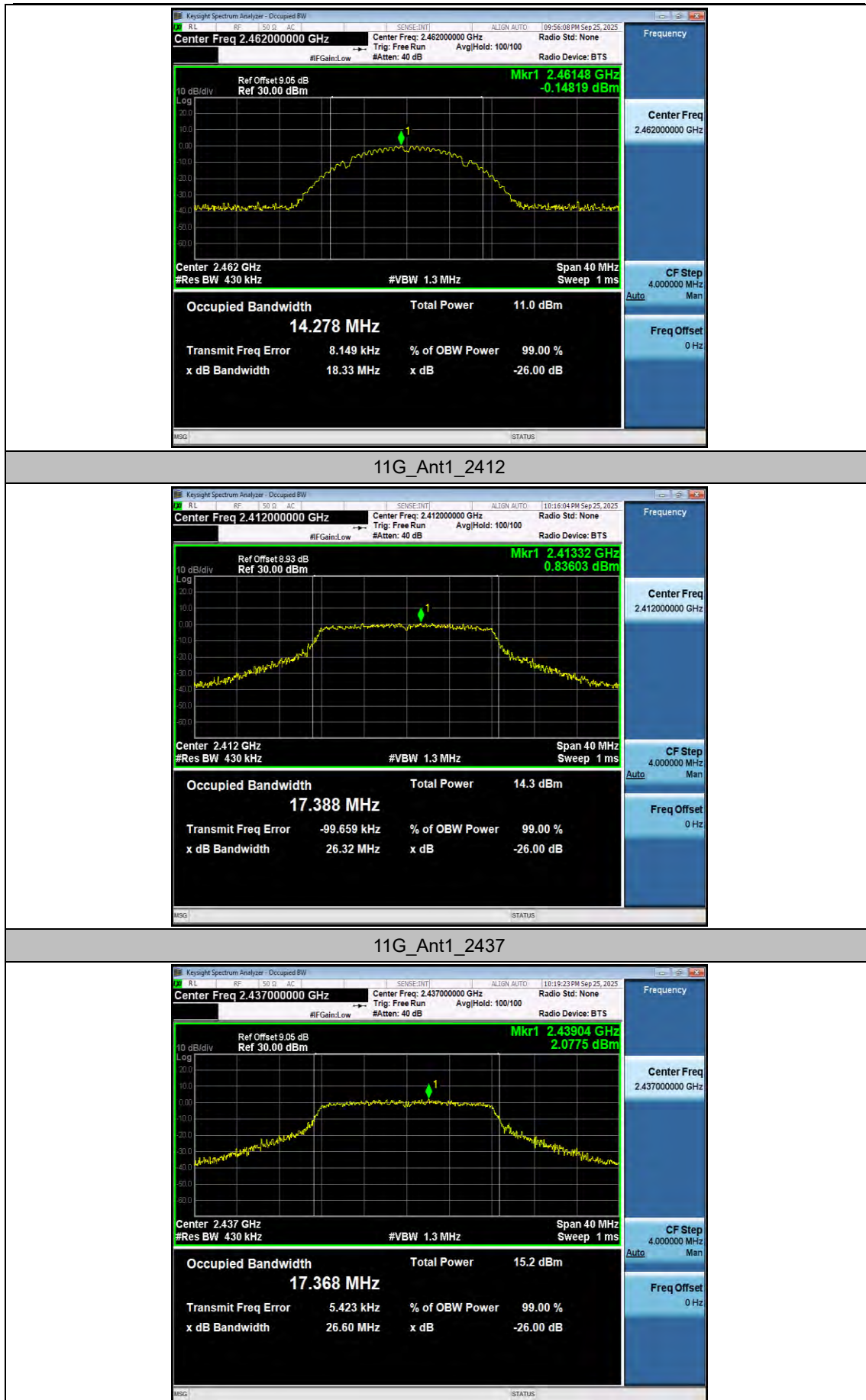
AppendixA.2: Occupied Channel Bandwidth

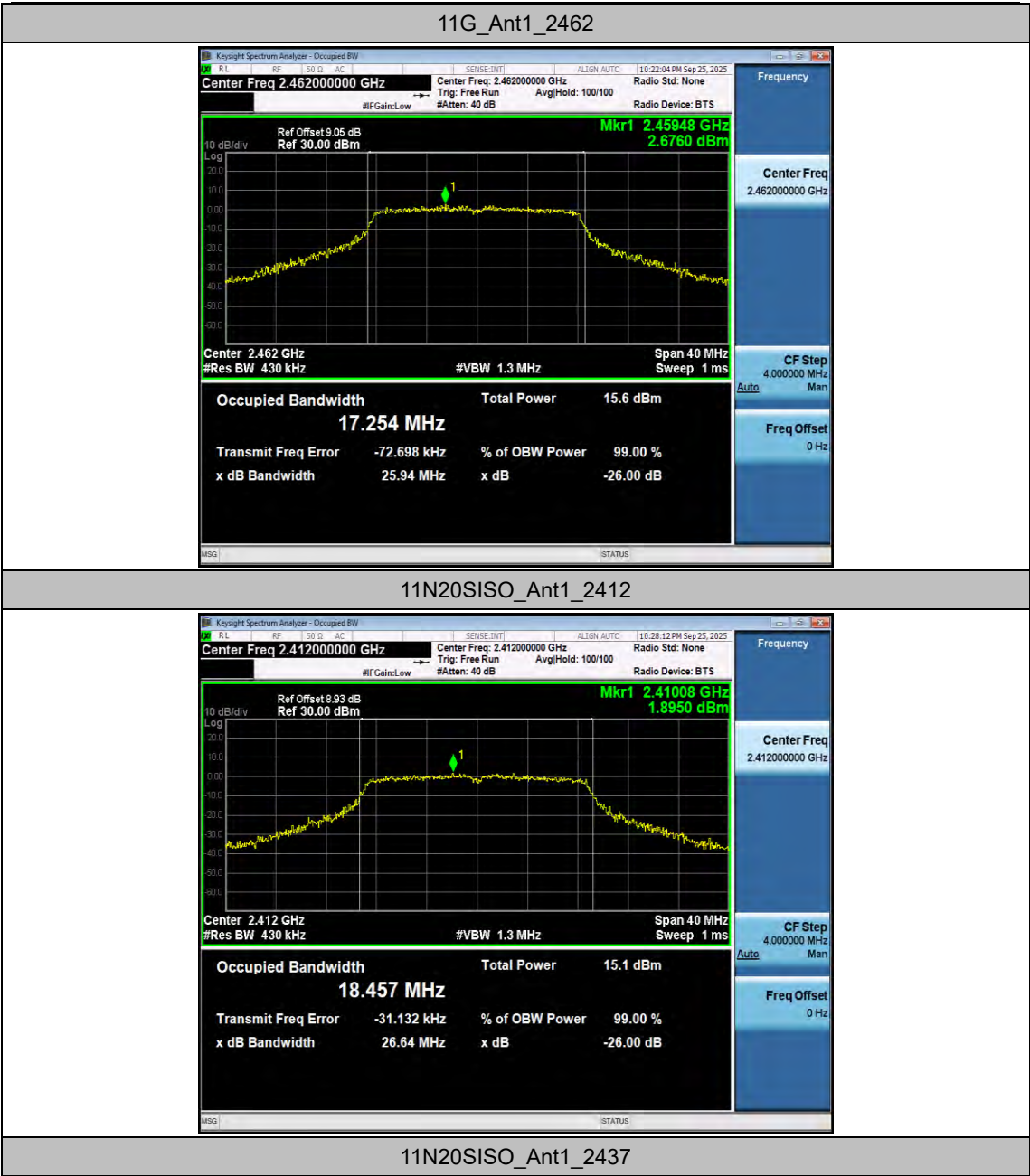
Test Result

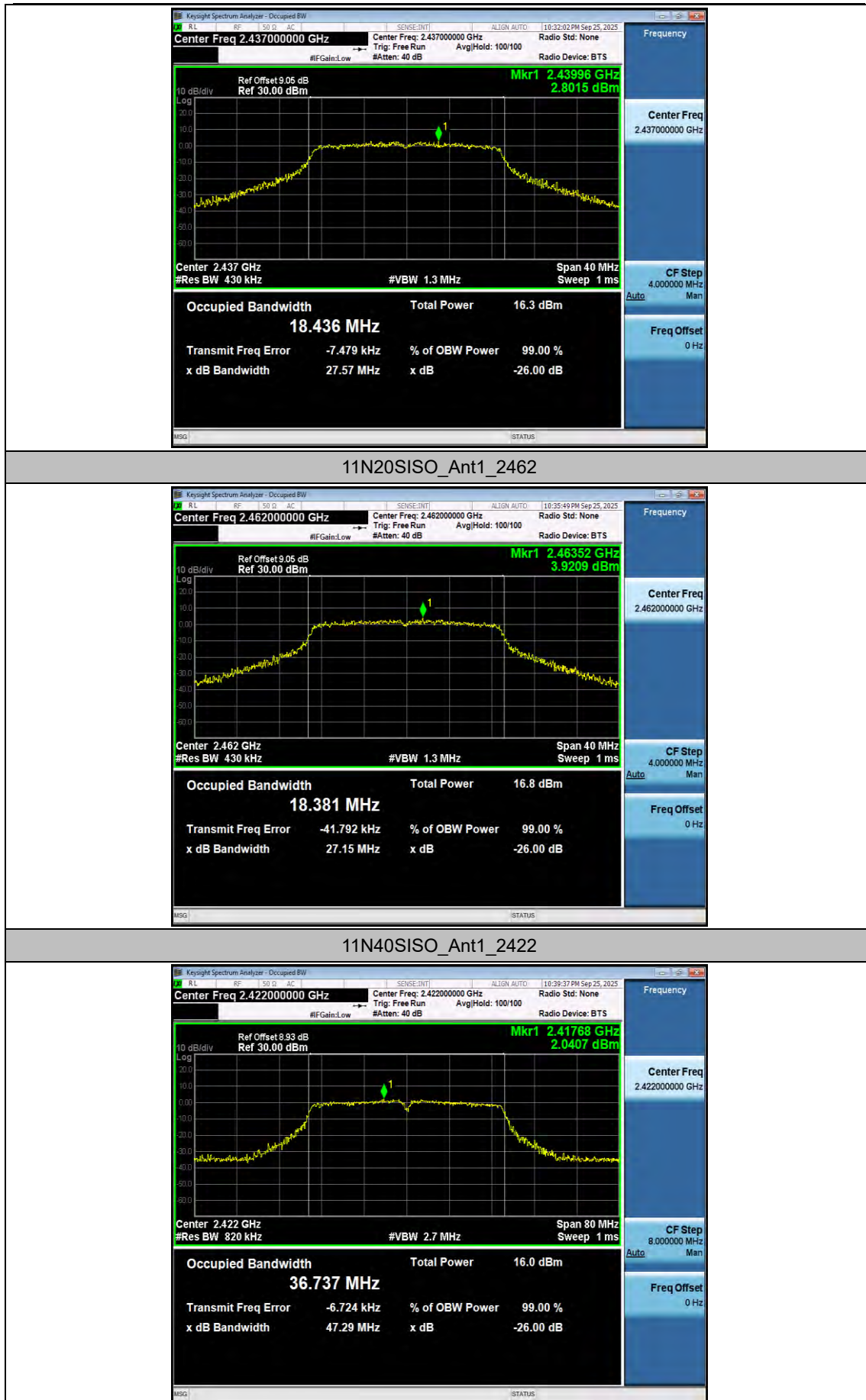
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.317	2404.8159	2419.1329	---	---
		2437	14.289	2429.8961	2444.1851	---	---
		2462	14.278	2454.8692	2469.1472	---	---
11G	Ant1	2412	17.388	2403.2063	2420.5943	---	---
		2437	17.368	2428.3214	2445.6894	---	---
		2462	17.254	2453.3003	2470.5543	---	---
11N20SISO	Ant1	2412	18.457	2402.7404	2421.1974	---	---
		2437	18.436	2427.7745	2446.2105	---	---
		2462	18.381	2452.7677	2471.1487	---	---
11N40SISO	Ant1	2422	36.737	2403.6248	2440.3618	---	---
		2437	36.684	2418.6690	2455.3530	---	---
		2452	36.719	2433.6435	2470.3625	---	---
11AX20SISO	Ant1	2412	19.317	2402.3038	2421.6208	---	---
		2437	19.215	2427.3529	2446.5679	---	---
		2462	19.191	2452.3882	2471.5792	---	---
11AX40SISO	Ant1	2422	37.991	2402.9526	2440.9436	---	---
		2437	37.967	2417.9672	2455.9342	---	---
		2452	37.896	2433.0128	2470.9088	---	---

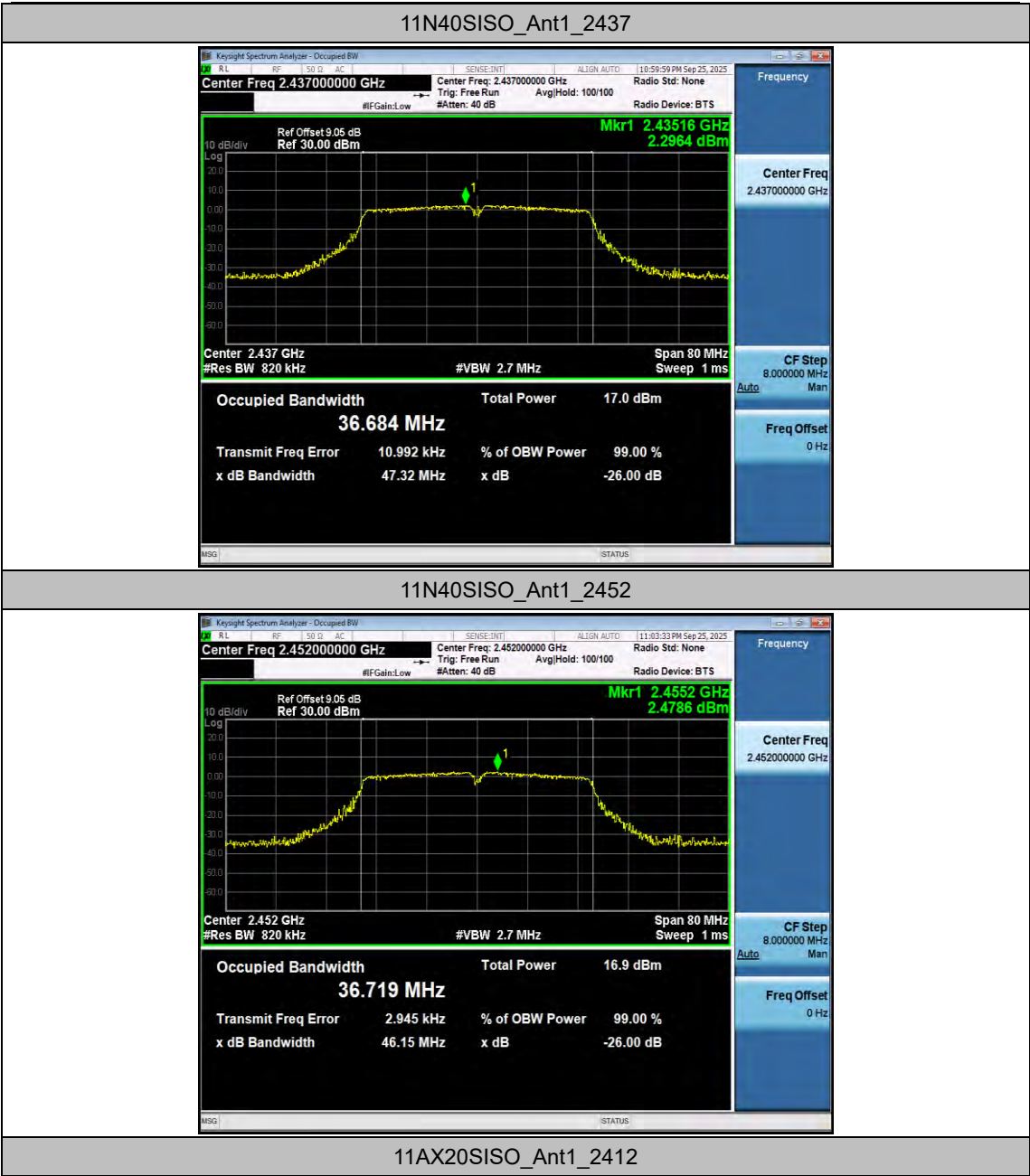
Test Graphs

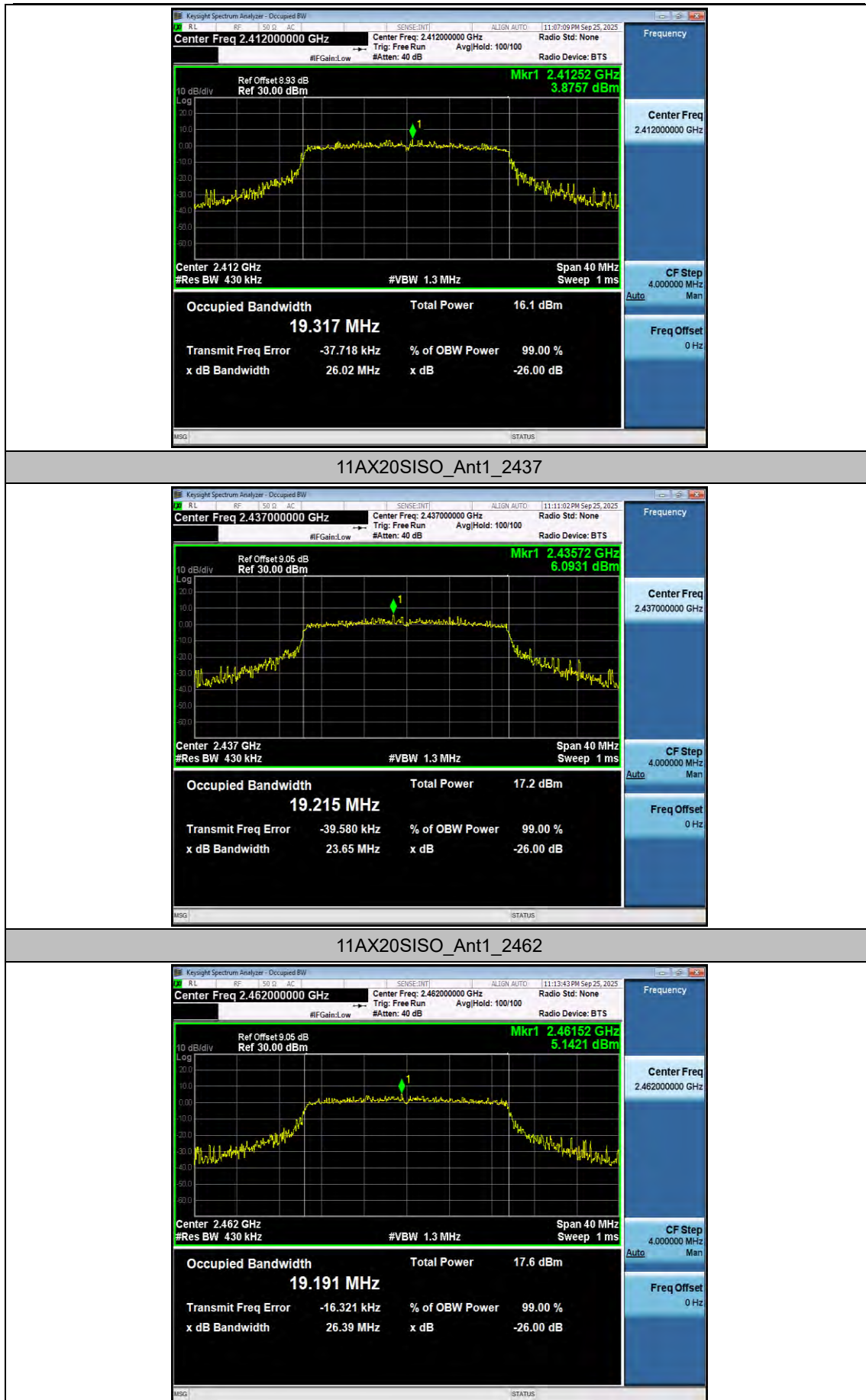


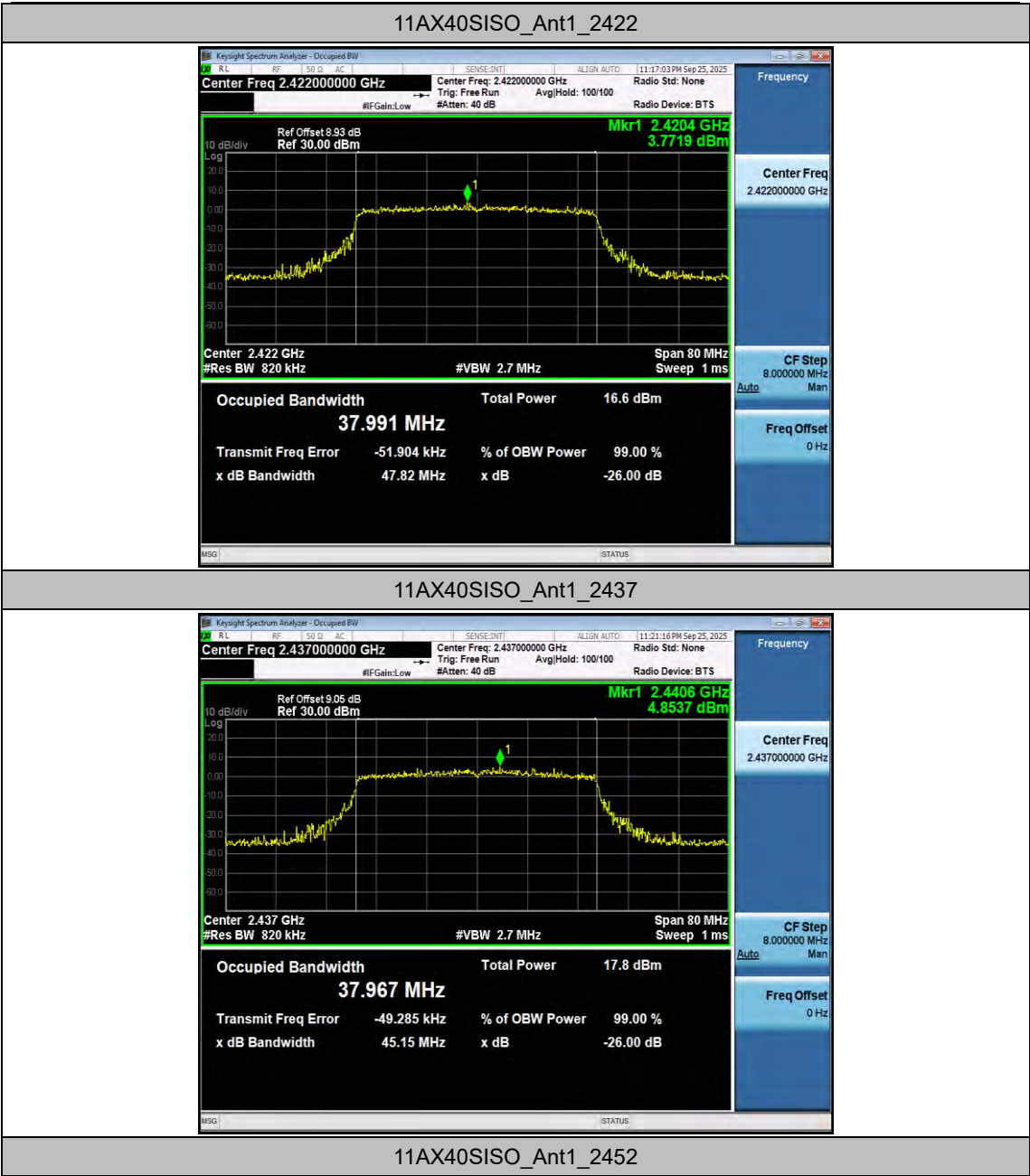














AppendixA.3: Maximum conducted output power

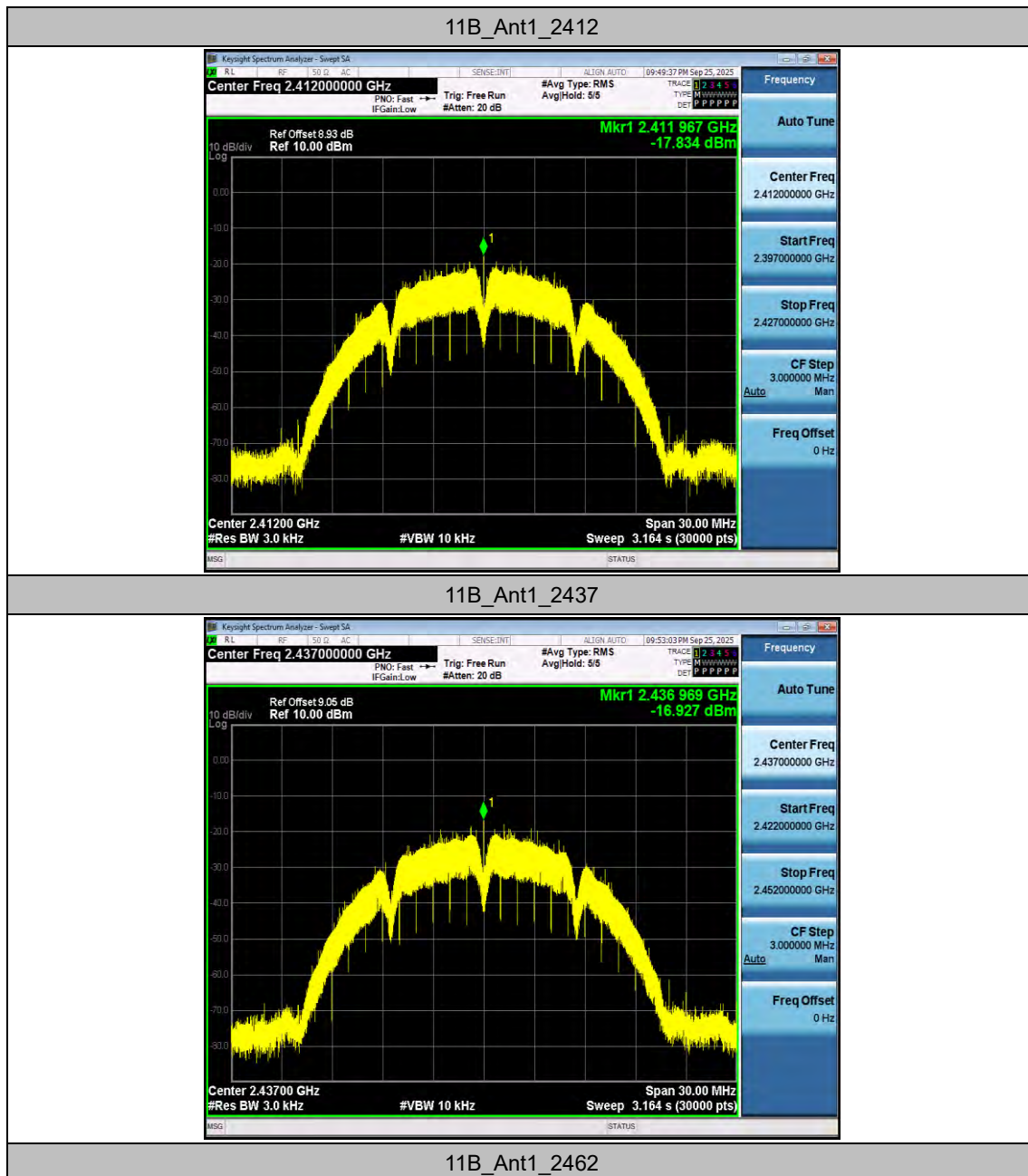
Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.09	≤30.00	PASS
		2437	13.73	≤30.00	PASS
		2462	13.14	≤30.00	PASS
11G	Ant1	2412	15.38	≤30.00	PASS
		2437	16.56	≤30.00	PASS
		2462	16.76	≤30.00	PASS
11N20SISO	Ant1	2412	16.33	≤30.00	PASS
		2437	17.41	≤30.00	PASS
		2462	17.86	≤30.00	PASS
11N40SISO	Ant1	2422	16.24	≤30.00	PASS
		2437	17.29	≤30.00	PASS
		2452	17.17	≤30.00	PASS
11AX20SISO	Ant1	2412	16.96	≤30.00	PASS
		2437	17.92	≤30.00	PASS
		2462	18.34	≤30.00	PASS
11AX40SISO	Ant1	2422	16.82	≤30.00	PASS
		2437	17.84	≤30.00	PASS
		2452	17.86	≤30.00	PASS

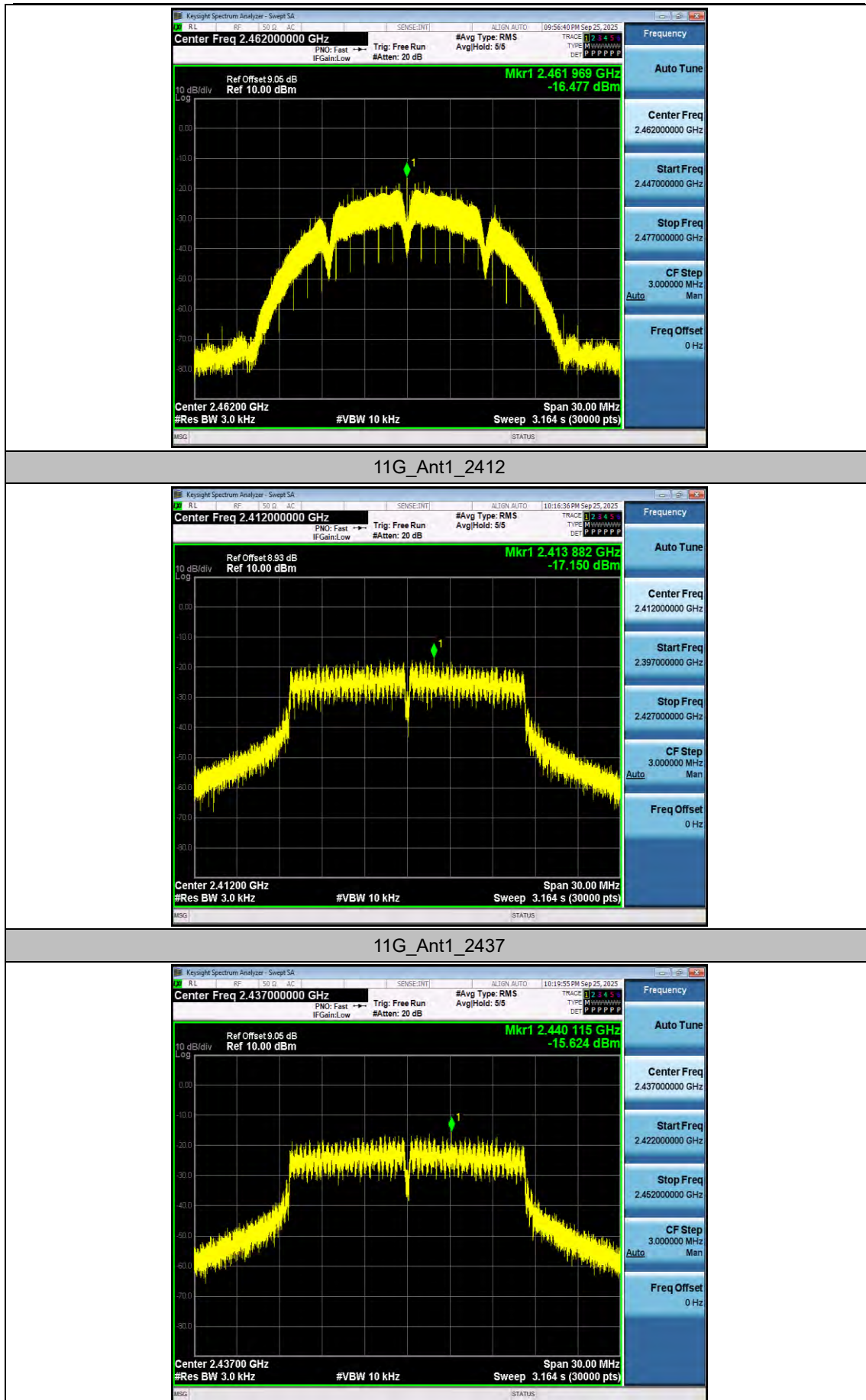
AppendixA.4: Maximum power spectral density

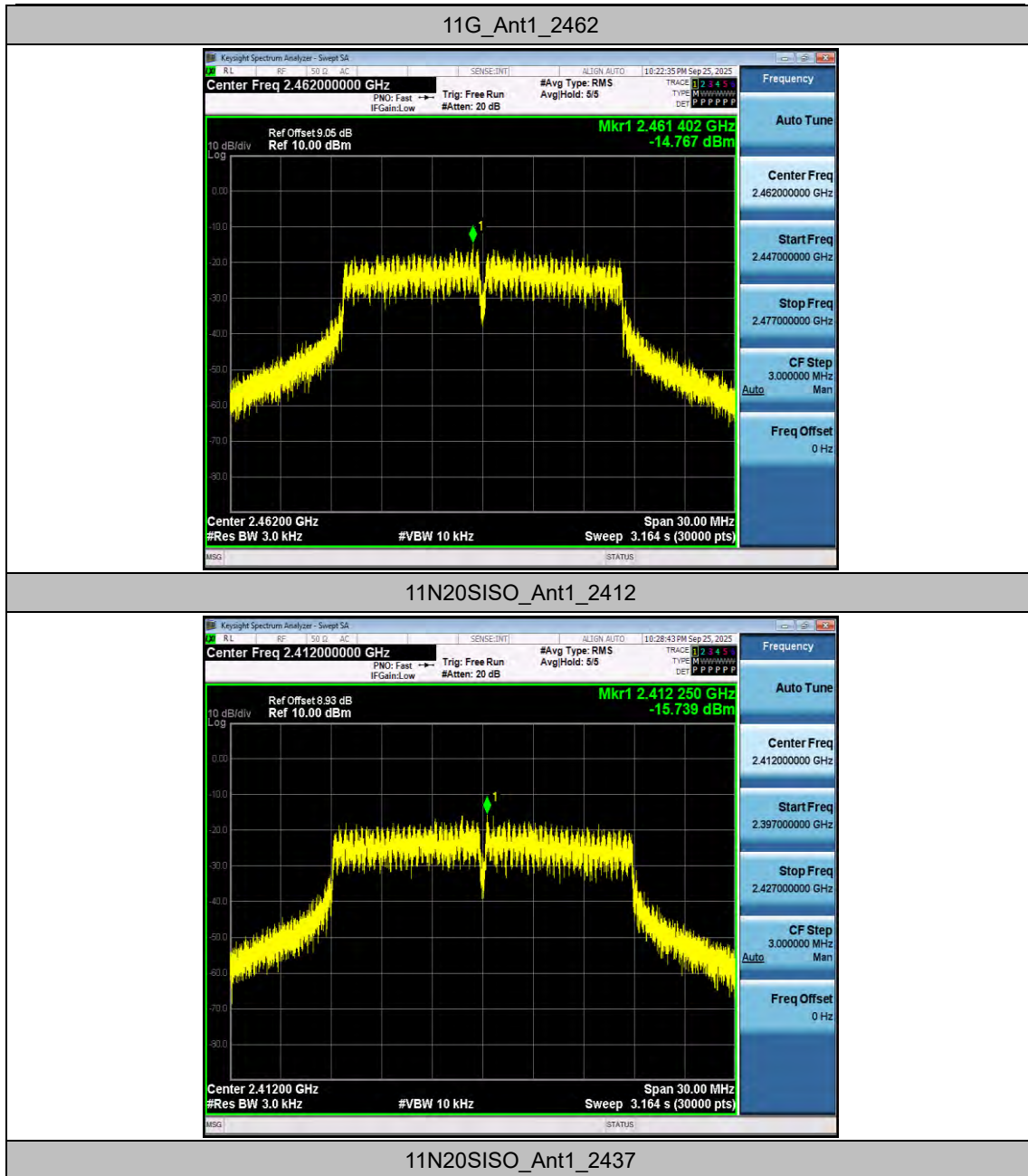
Test Result

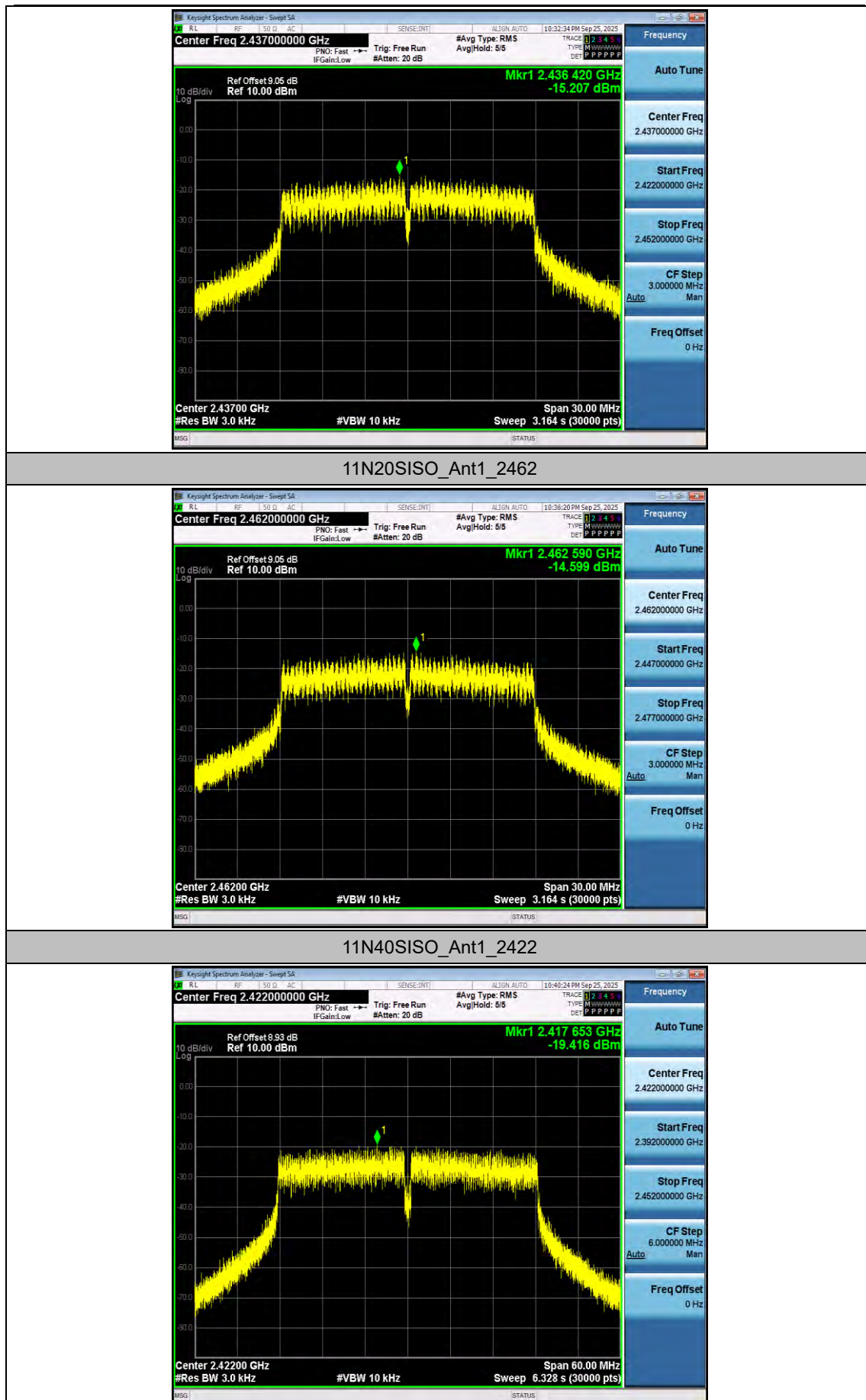
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.83	≤8.00	PASS
		2437	-16.93	≤8.00	PASS
		2462	-16.48	≤8.00	PASS
11G	Ant1	2412	-17.15	≤8.00	PASS
		2437	-15.62	≤8.00	PASS
		2462	-14.77	≤8.00	PASS
11N20SISO	Ant1	2412	-15.74	≤8.00	PASS
		2437	-15.21	≤8.00	PASS
		2462	-14.60	≤8.00	PASS
11N40SISO	Ant1	2422	-19.42	≤8.00	PASS
		2437	-17.31	≤8.00	PASS
		2452	-17.12	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.84	≤8.00	PASS
		2437	-15.85	≤8.00	PASS
		2462	-15.99	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.84	≤8.00	PASS
		2437	-19.06	≤8.00	PASS
		2452	-18.05	≤8.00	PASS

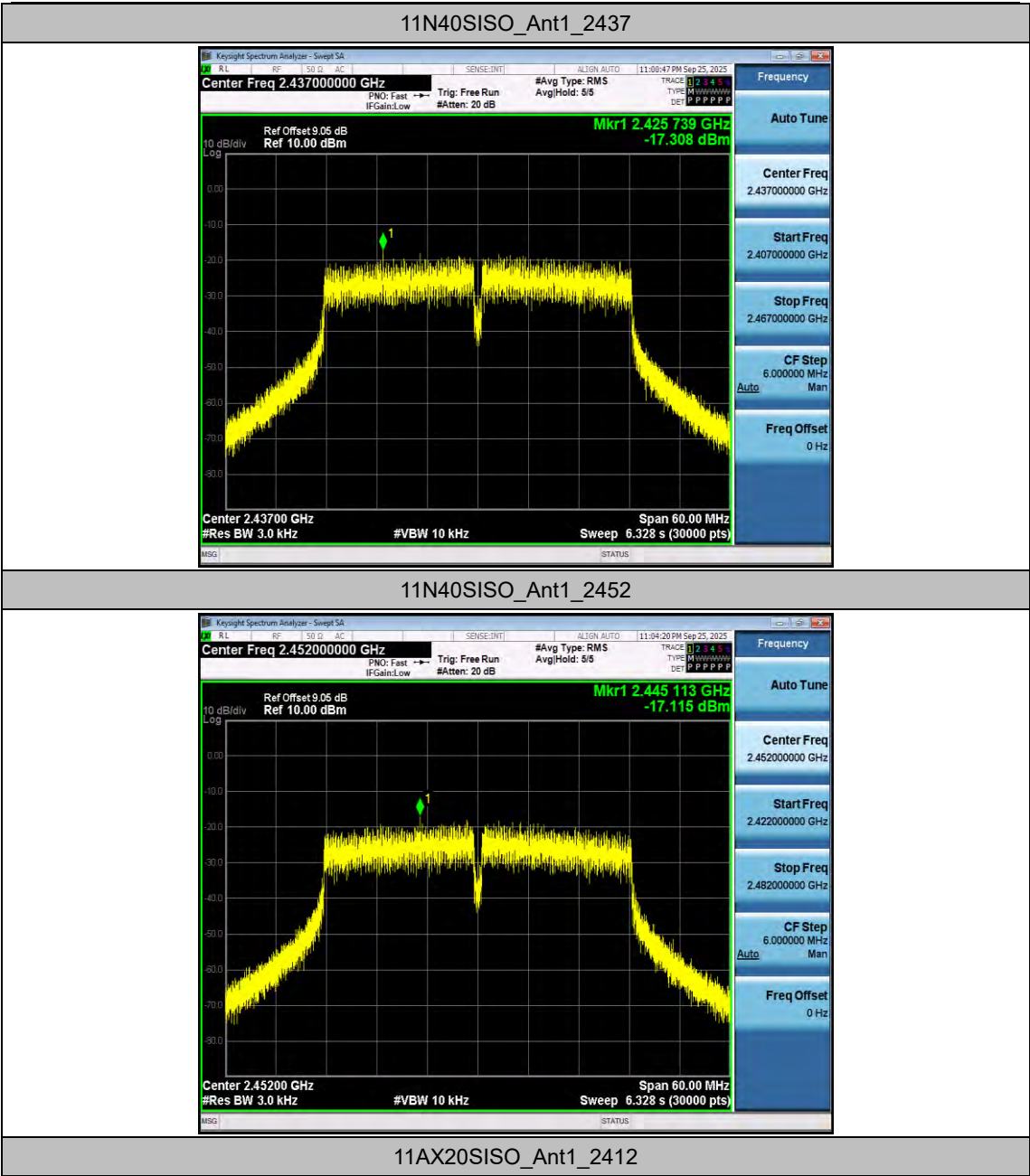
Test Graphs

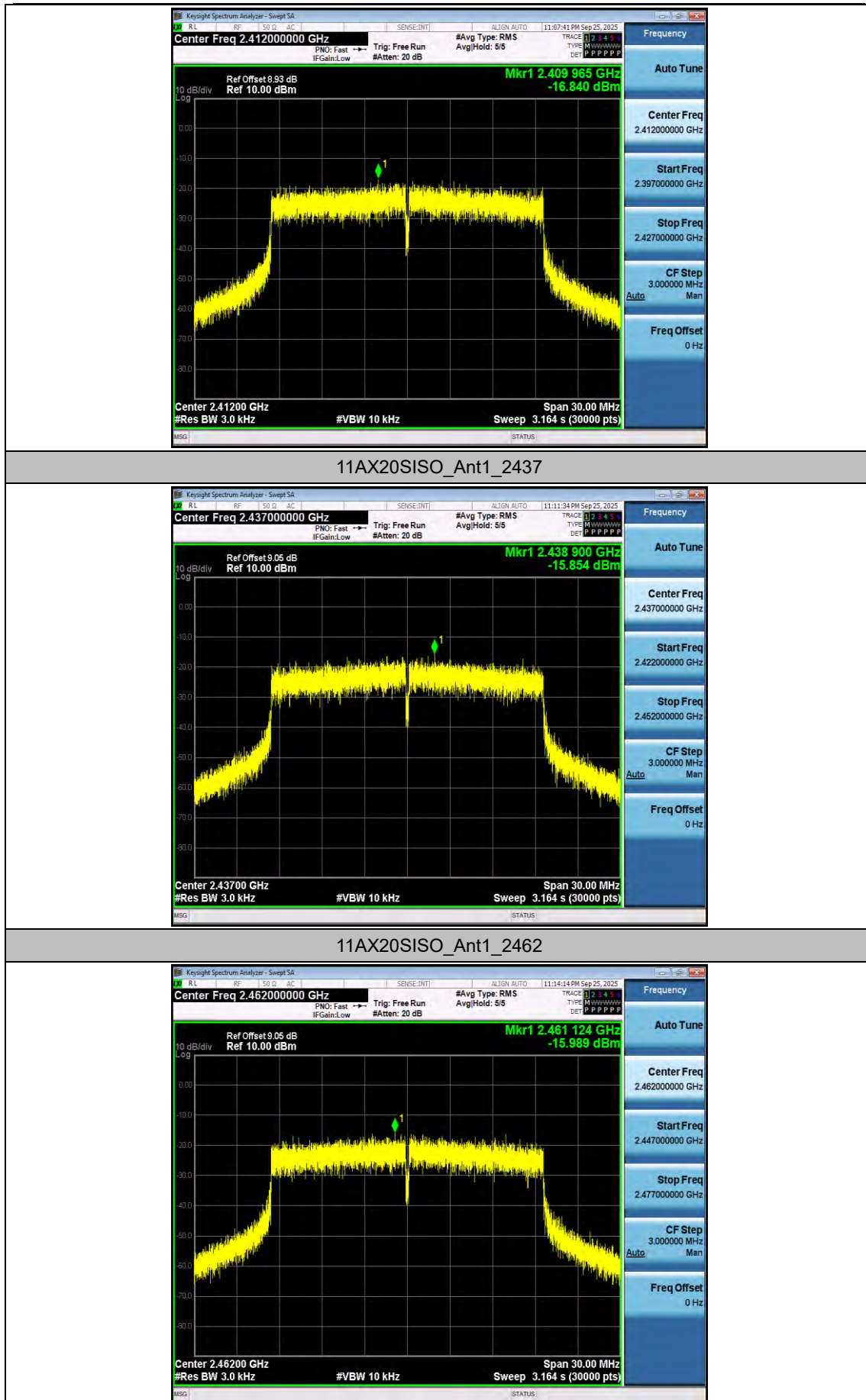




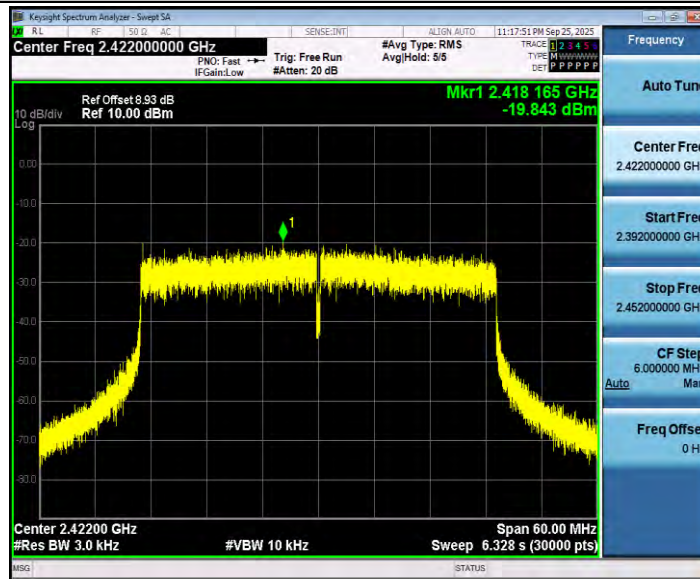




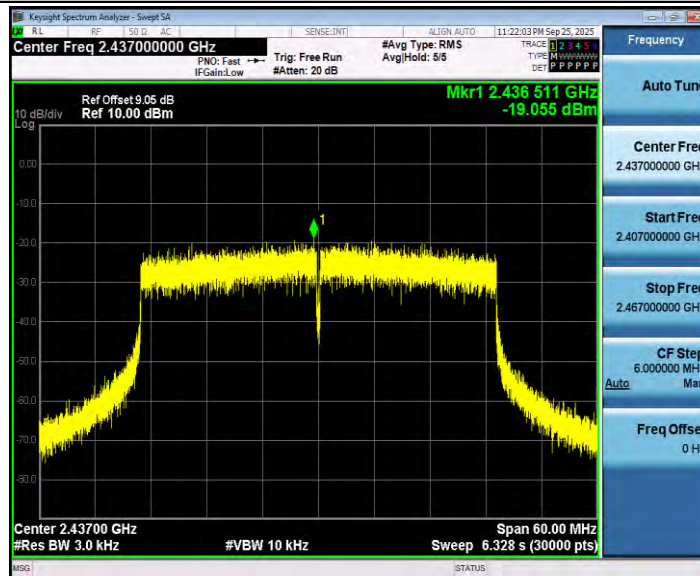




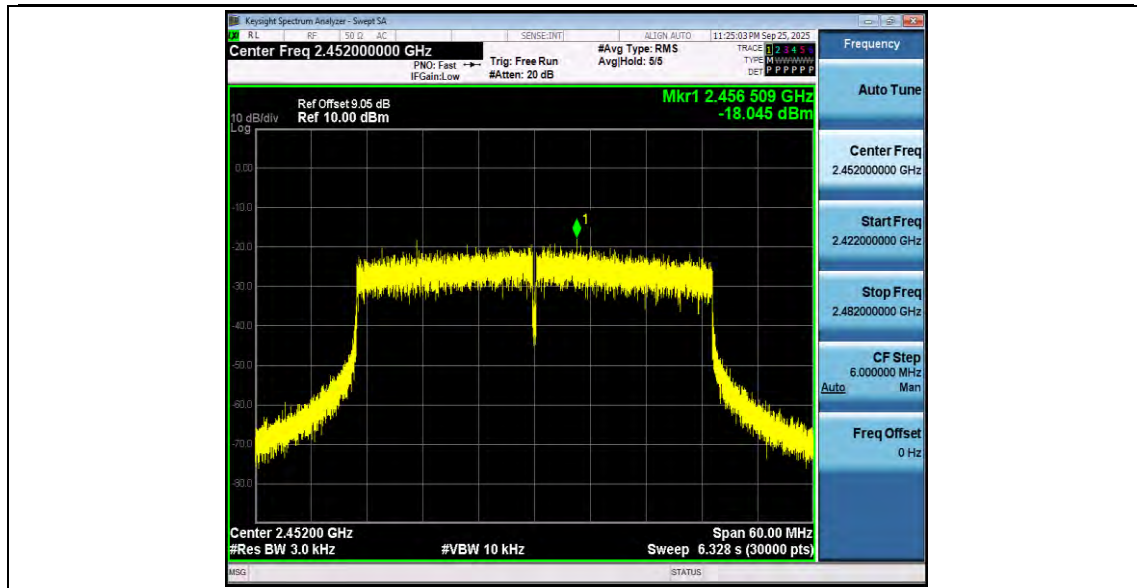
11AX40ISO_Ant1_2422



11AX40ISO_Ant1_2437



11AX40ISO_Ant1_2452

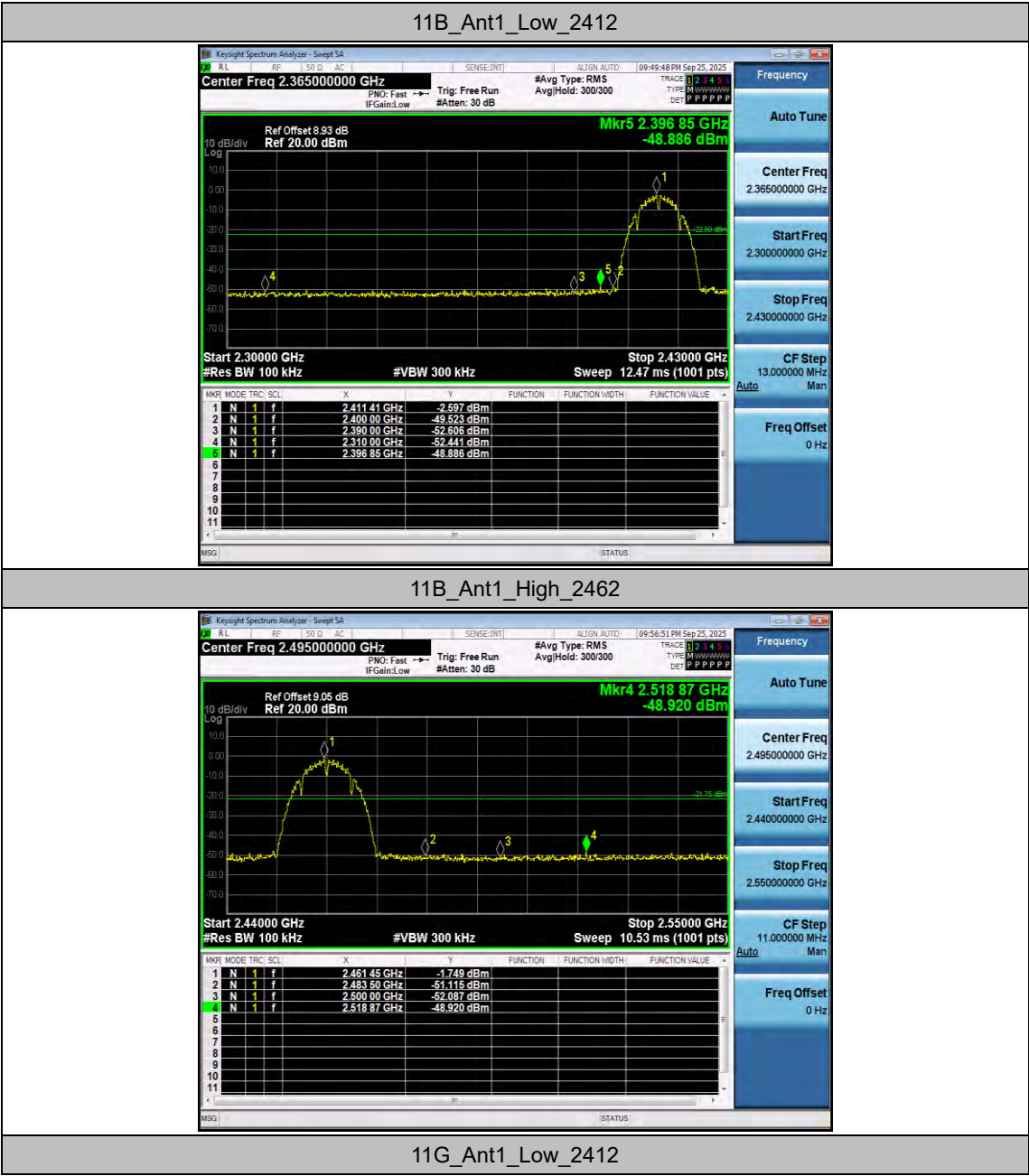


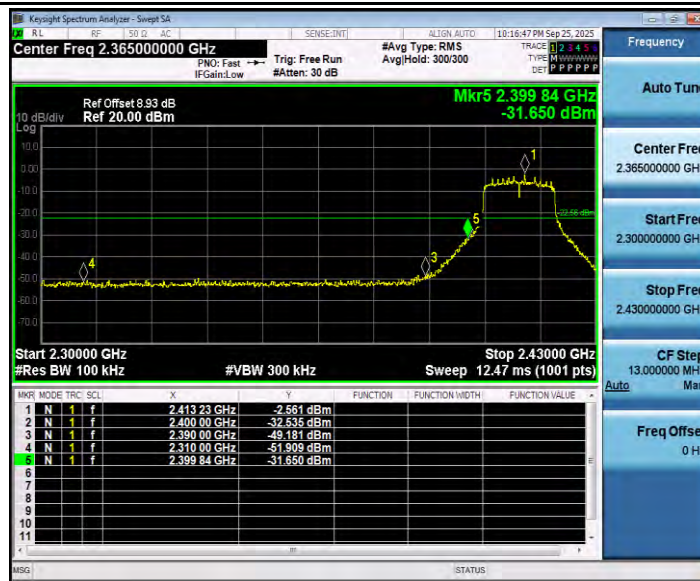
Appendix A.5: Band edge measurements

Test Result

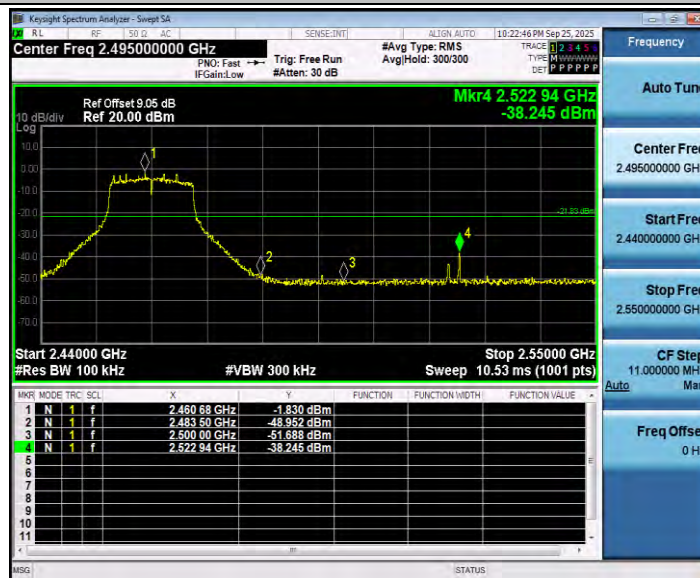
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-2.60	-48.89	≤ -22.6	PASS
		High	2462	-1.75	-48.92	≤ -21.75	PASS
11G	Ant1	Low	2412	-2.56	-31.65	≤ -22.56	PASS
		High	2462	-1.83	-38.25	≤ -21.83	PASS
11N20SISO	Ant1	Low	2412	-1.49	-29.77	≤ -21.49	PASS
		High	2462	-0.61	-46.95	≤ -20.61	PASS
11N40SISO	Ant1	Low	2422	-4.80	-35.09	≤ -24.8	PASS
		High	2452	-3.50	-43.14	≤ -23.5	PASS
11AX20SISO	Ant1	Low	2412	-1.44	-30.5	≤ -21.44	PASS
		High	2462	-0.09	-43.8	≤ -20.09	PASS
11AX40SISO	Ant1	Low	2422	-4.75	-35.18	≤ -24.75	PASS
		High	2452	-3.45	-43.35	≤ -23.45	PASS

Test Graphs





11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412







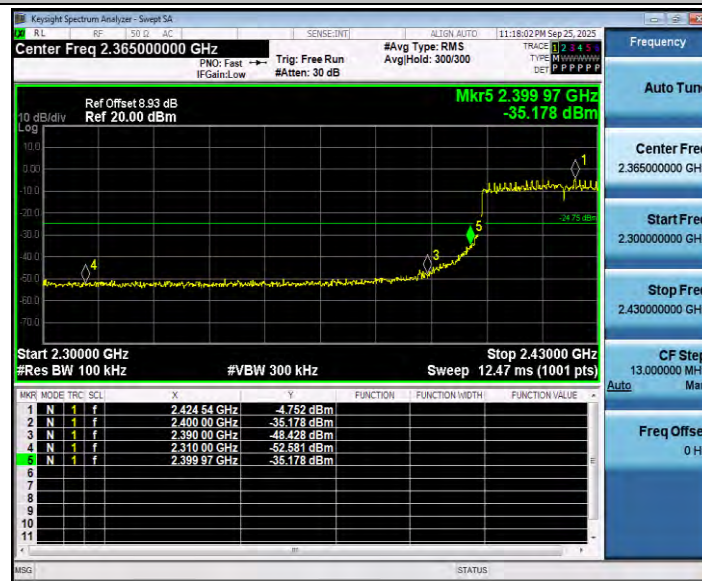
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

