

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2407.040	2417.120	0.5	PASS
		2437	9.760	2432.360	2442.120	0.5	PASS
		2462	9.760	2457.360	2467.120	0.5	PASS
11G	Ant1	2412	16.480	2403.840	2420.320	0.5	PASS
		2437	16.360	2428.880	2445.240	0.5	PASS
		2462	16.400	2453.880	2470.280	0.5	PASS
11N20SI SO	Ant1	2412	17.680	2403.200	2420.880	0.5	PASS
		2437	17.560	2428.280	2445.840	0.5	PASS
		2462	17.680	2453.240	2470.920	0.5	PASS
11N40SI SO	Ant1	2422	36.000	2404.160	2440.160	0.5	PASS
		2437	35.680	2419.400	2455.080	0.5	PASS
		2452	35.840	2434.320	2470.160	0.5	PASS

Test Graphs





11G_Ant1_2412



11G Ant1 2437



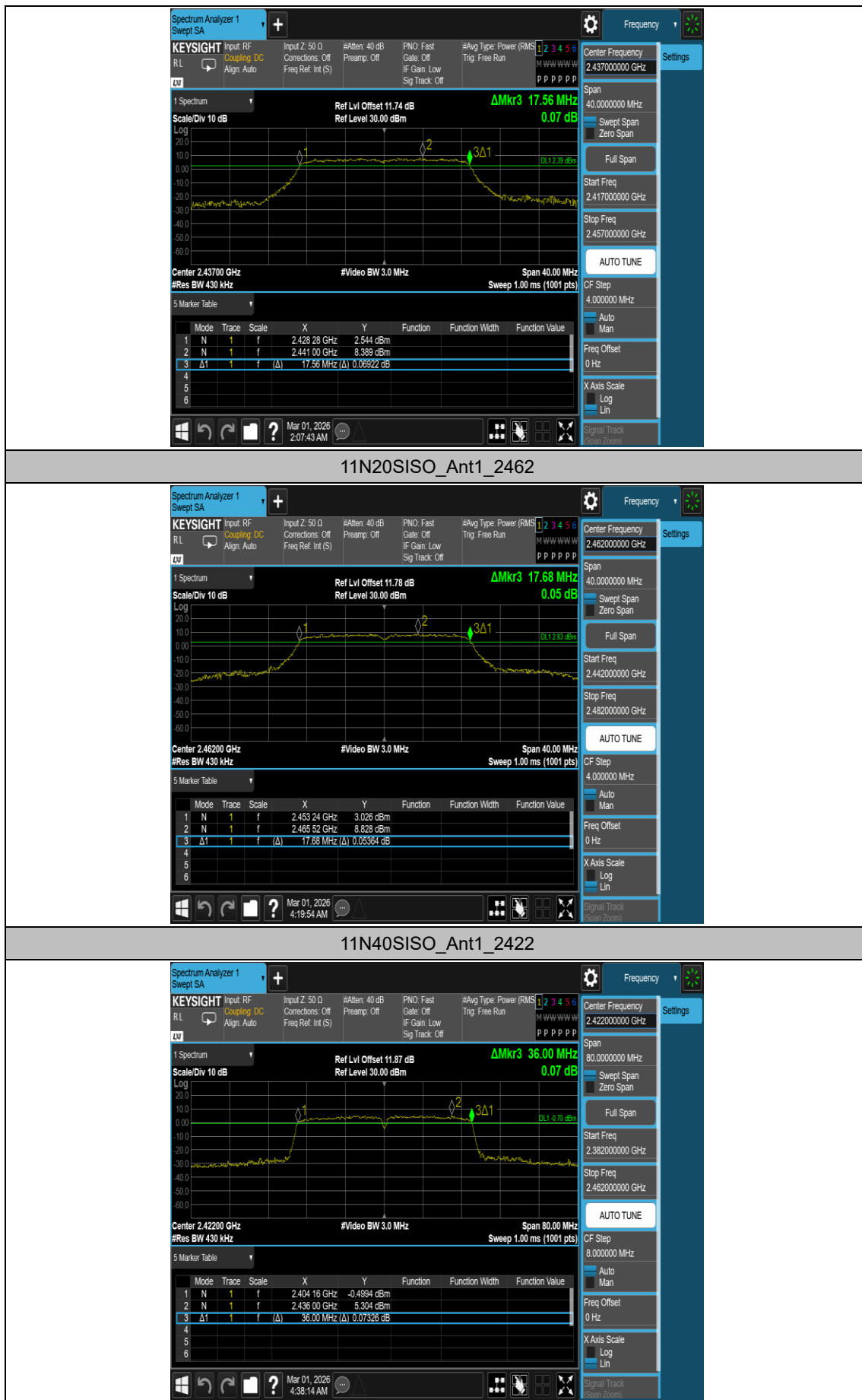
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

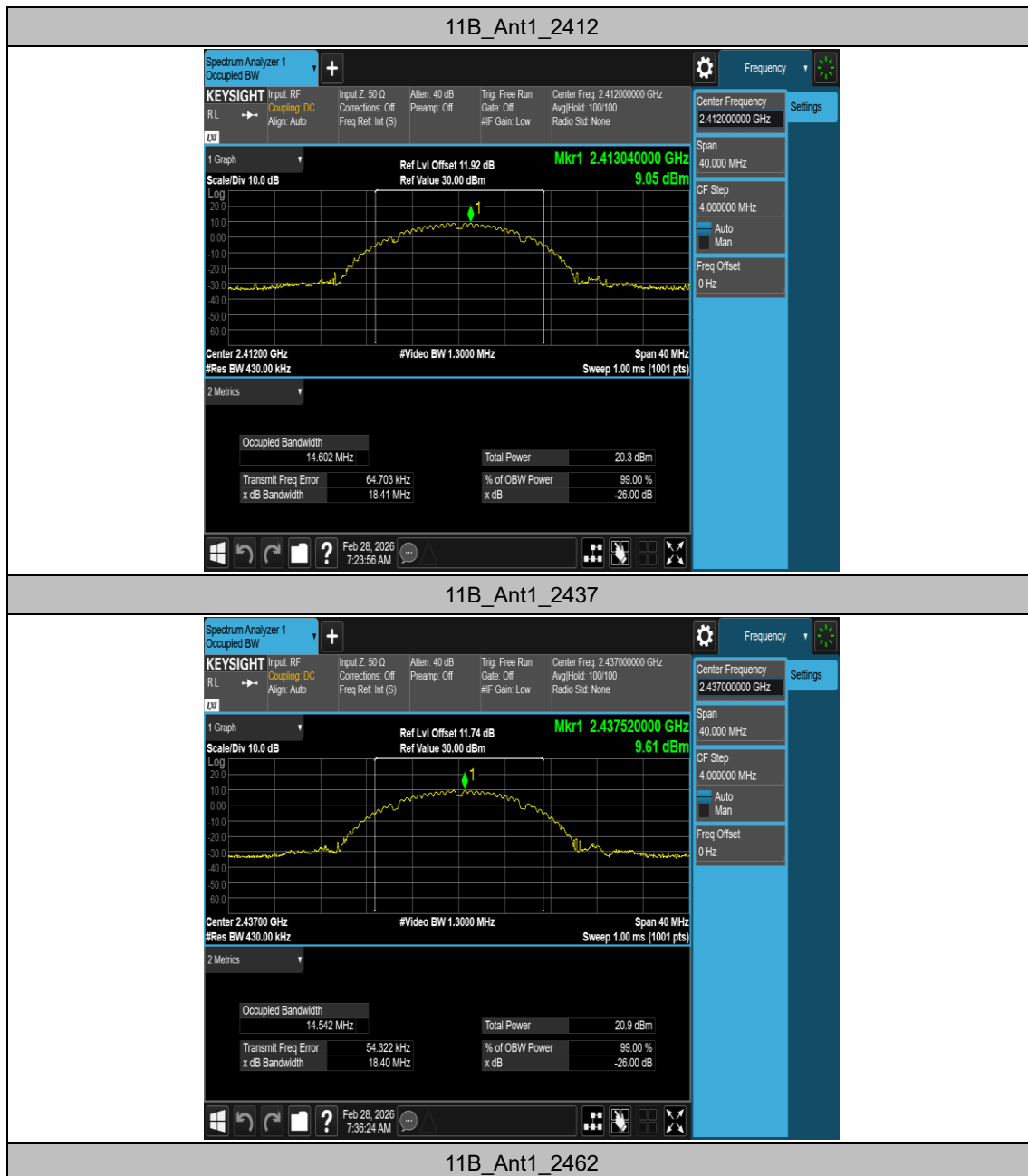


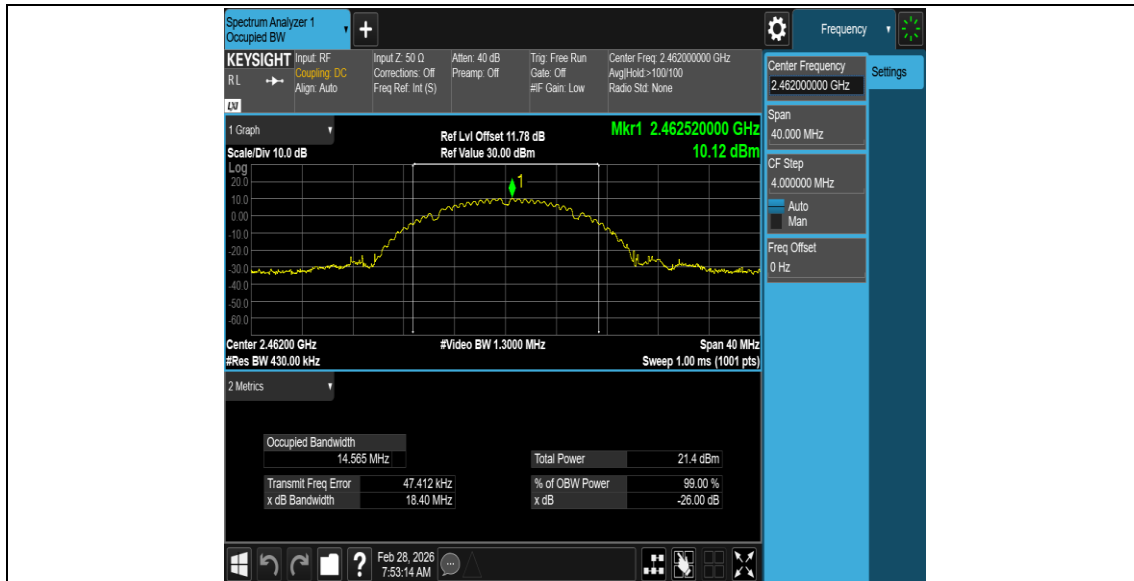
Appendix B: Occupied Channel Bandwidth

Test Result

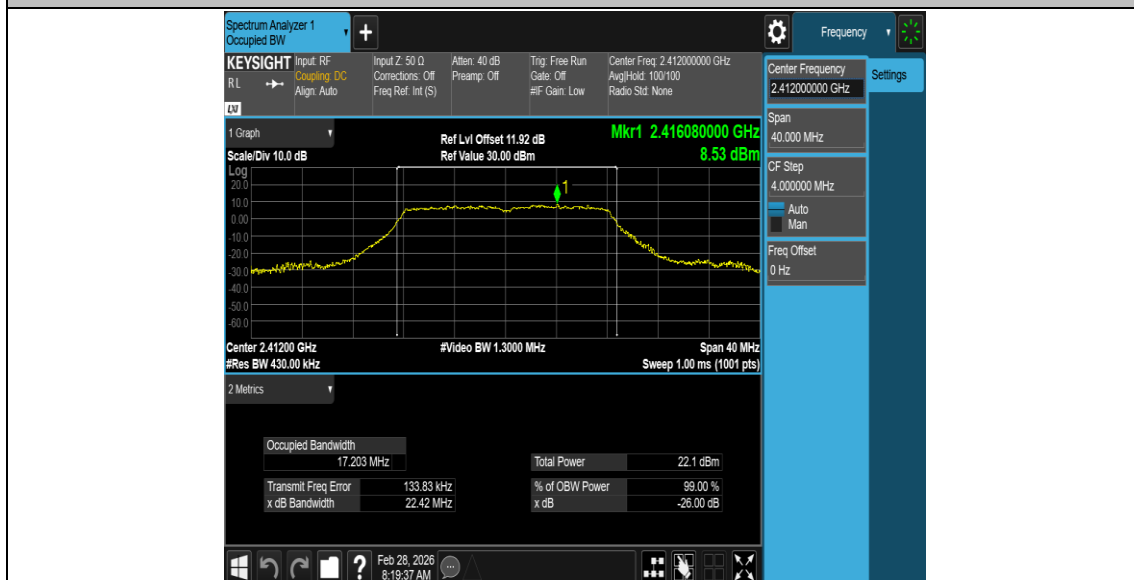
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.602	2404.7637	2419.3657	---	---
		2437	14.542	2429.7833	2444.3253	---	---
		2462	14.565	2454.7649	2469.3299	---	---
11G	Ant1	2412	17.203	2403.5323	2420.7353	---	---
		2437	17.498	2428.3879	2445.8859	---	---
		2462	18.170	2453.3686	2471.5386	---	---
11N20SIS O	Ant1	2412	18.160	2402.9842	2421.1442	---	---
		2437	18.175	2427.9930	2446.1680	---	---
		2462	18.332	2452.9588	2471.2908	---	---
11N40SIS O	Ant1	2422	35.926	2404.1625	2440.0885	---	---
		2437	35.947	2419.1506	2455.0976	---	---
		2452	36.016	2434.0905	2470.1065	---	---

Test Graphs

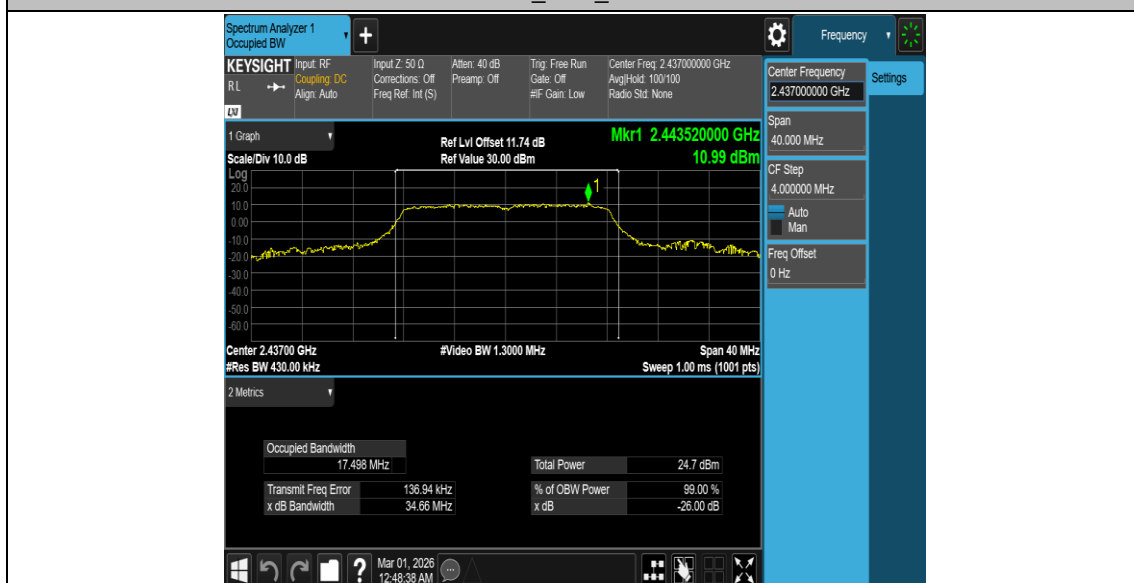




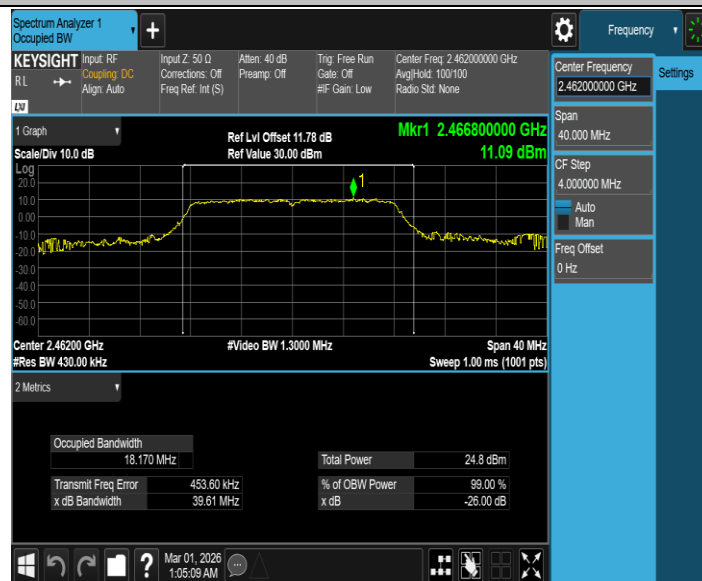
11G_Ant1_2412



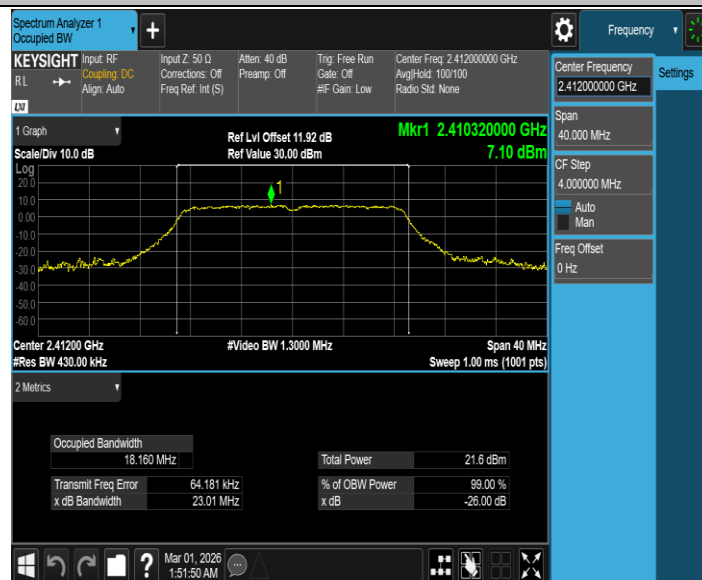
11G_Ant1_2437



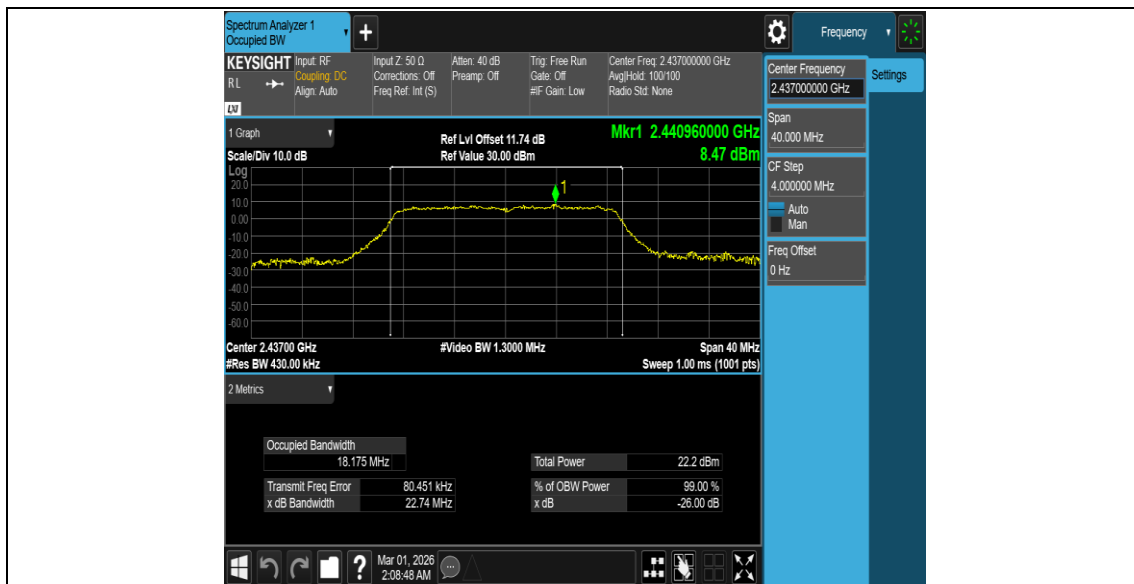
11G_Ant1_2462



11N20SISO_Ant1_2412



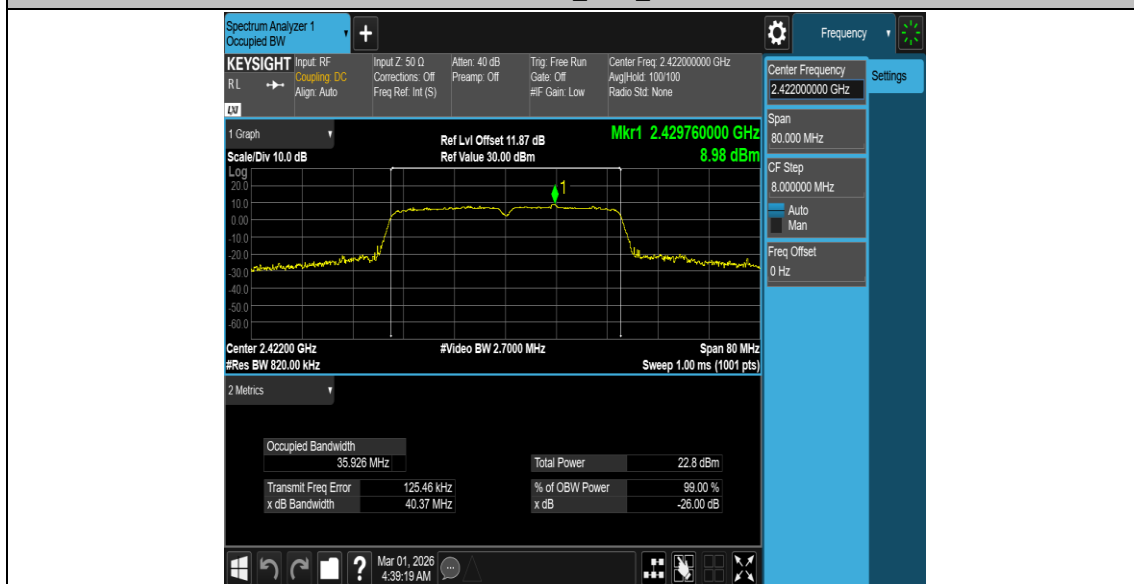
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

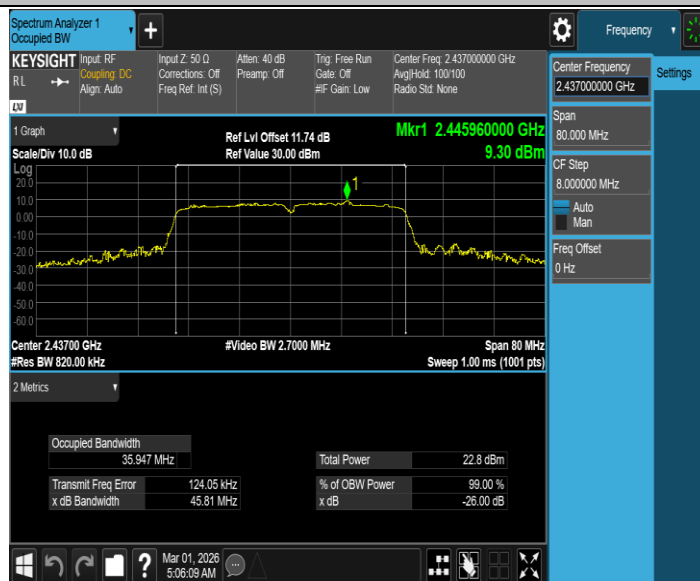


11N40SISO_Ant1_2422

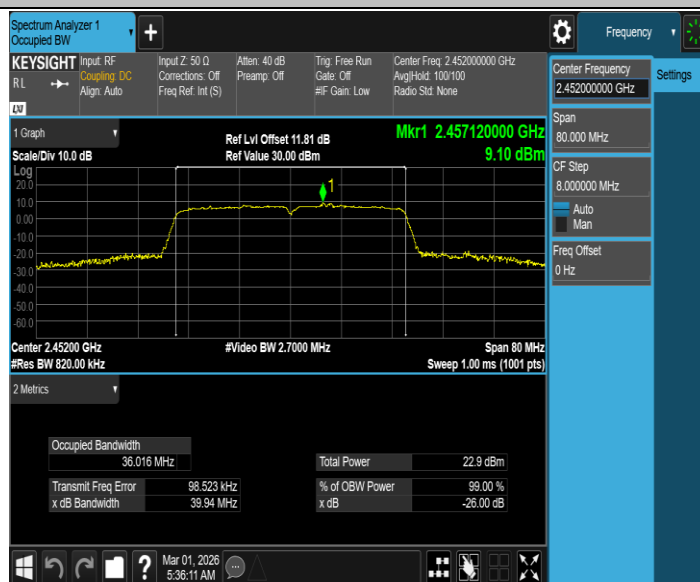


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11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	98.96	0.05	17.30	≤30.00	4.06	21.36	≤36.00	PASS
		2437	99.04	0.04	17.86	≤30.00	4.06	21.92	≤36.00	PASS
		2462	98.88	0.05	18.44	≤30.00	4.06	22.50	≤36.00	PASS
11G	Ant1	2412	94.09	0.26	15.01	≤30.00	4.06	19.07	≤36.00	PASS
		2437	94.09	0.26	17.65	≤30.00	4.06	21.71	≤36.00	PASS
		2462	94.06	0.27	17.76	≤30.00	4.06	21.82	≤36.00	PASS
11N20SI SO	Ant1	2412	93.17	0.31	14.65	≤30.00	4.06	18.71	≤36.00	PASS
		2437	93.66	0.28	15.17	≤30.00	4.06	19.23	≤36.00	PASS
		2462	93.66	0.28	16.12	≤30.00	4.06	20.18	≤36.00	PASS
11N40SI SO	Ant1	2422	87.96	0.56	15.28	≤30.00	4.06	19.34	≤36.00	PASS
		2437	87.96	0.56	15.23	≤30.00	4.06	19.29	≤36.00	PASS
		2452	87.96	0.56	15.39	≤30.00	4.06	19.45	≤36.00	PASS

Note: The detector is the average.

Appendix D: Maximum power spectral density

Test Result

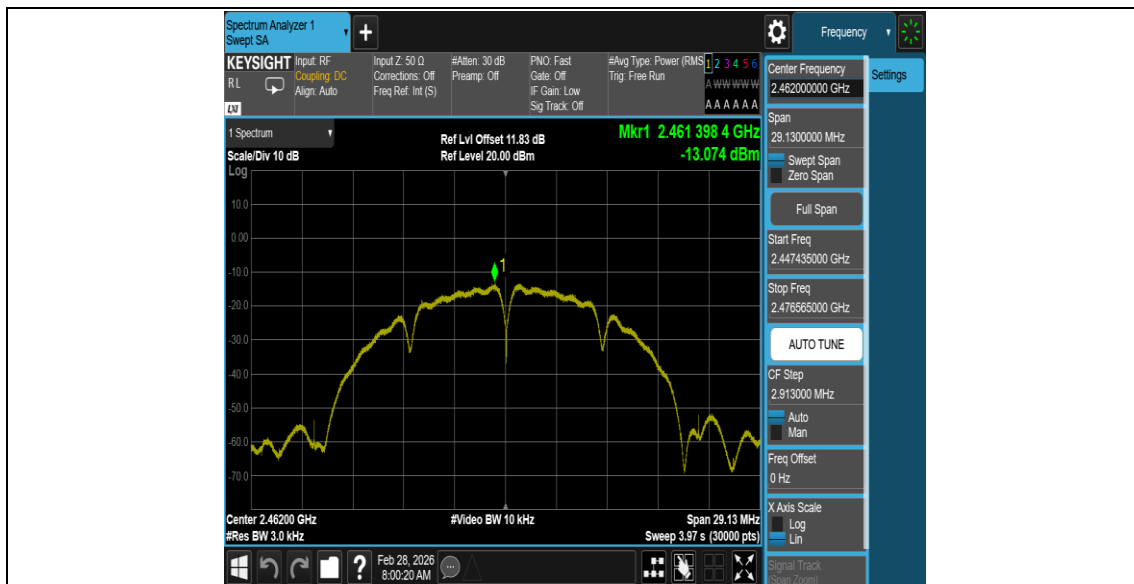
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.52	≤8.00	PASS
		2437	-13.63	≤8.00	PASS
		2462	-13.07	≤8.00	PASS
11G	Ant1	2412	-16.39	≤8.00	PASS
		2437	-13.75	≤8.00	PASS
		2462	-14.04	≤8.00	PASS
11N20SISO	Ant1	2412	-17.18	≤8.00	PASS
		2437	-16.34	≤8.00	PASS
		2462	-16.11	≤8.00	PASS
11N40SISO	Ant1	2422	-18.38	≤8.00	PASS
		2437	-18.06	≤8.00	PASS
		2452	-17.65	≤8.00	PASS

Note:

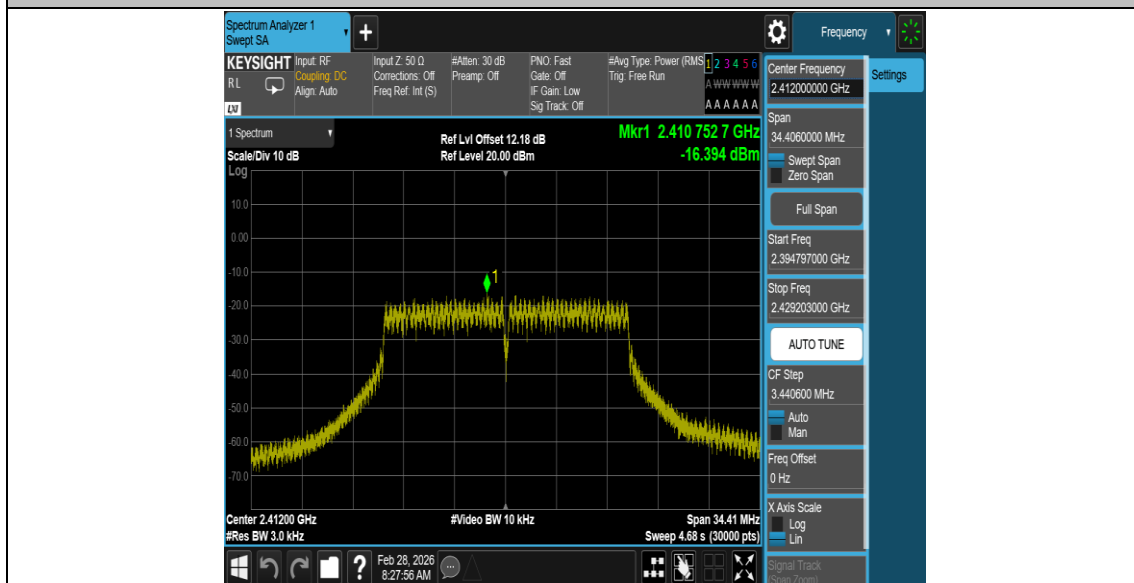
1. The Duty Cycle Factor is compensated in the graph.
2. The detector is the average.

Test Graphs

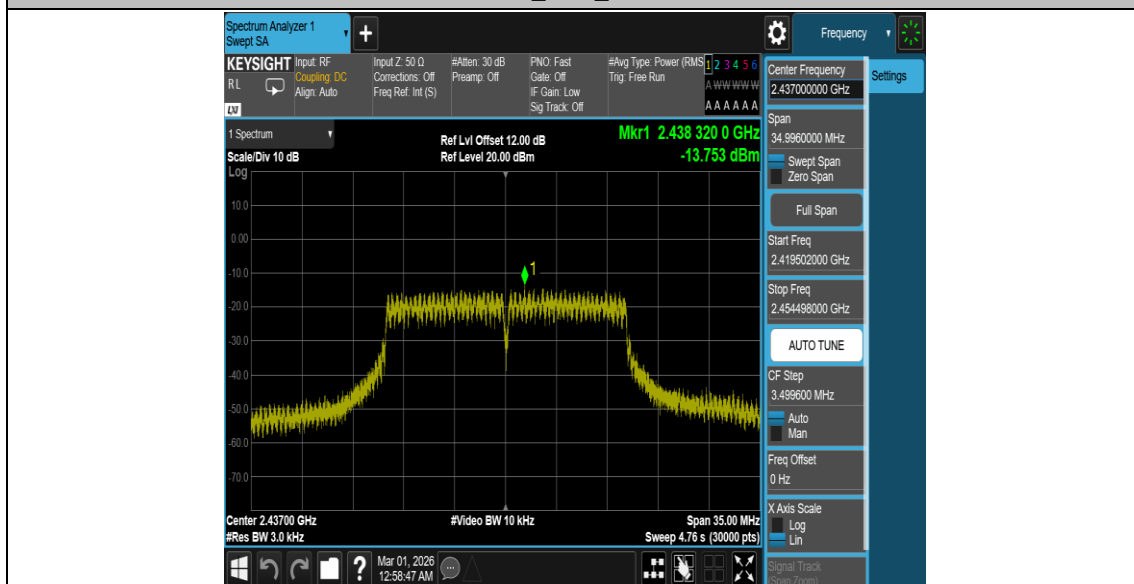




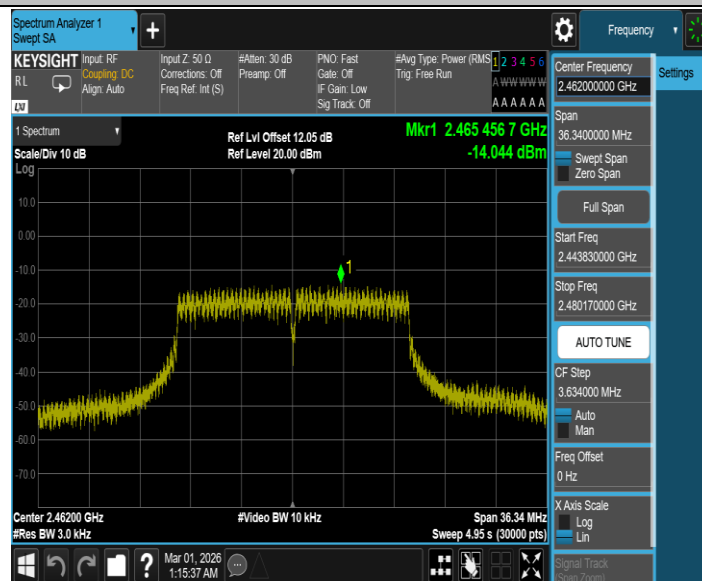
11G_Ant1_2412



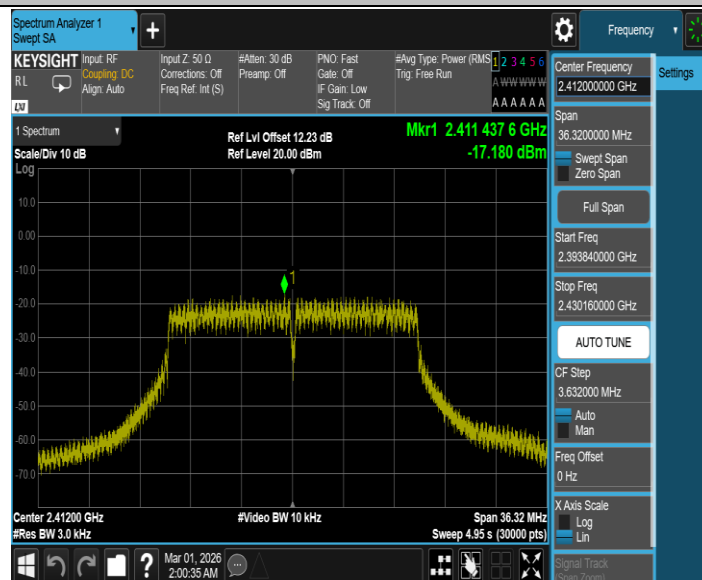
11G_Ant1_2437



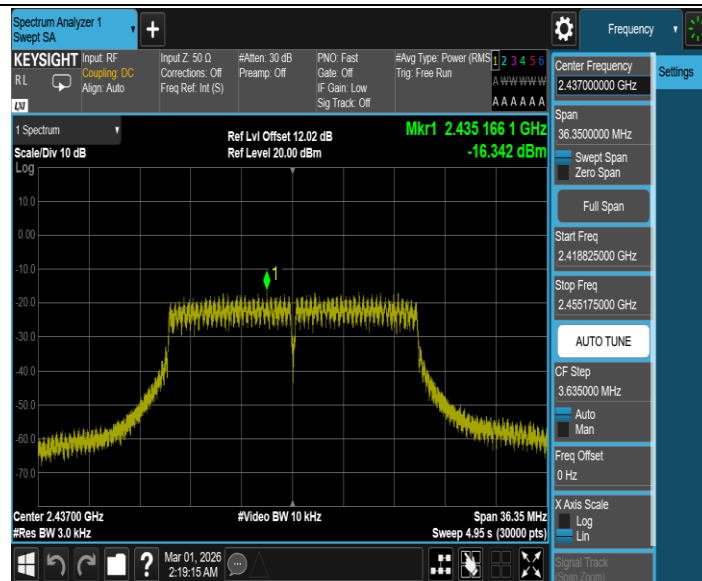
11G_Ant1_2462



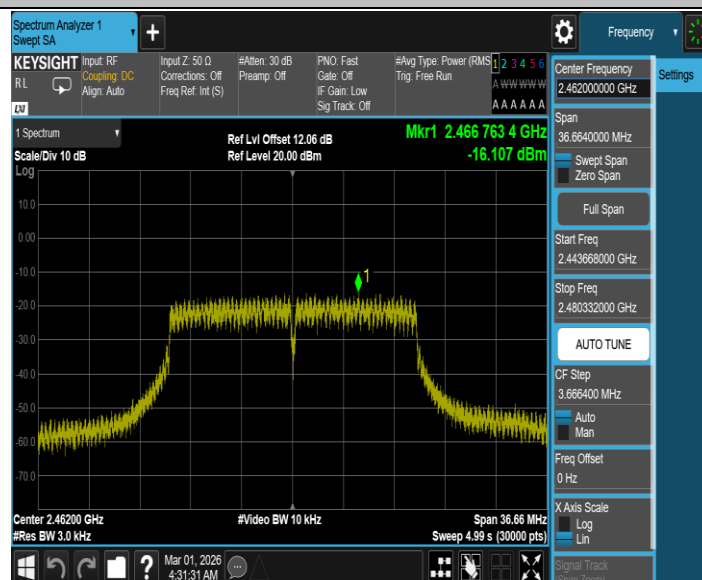
11N20SISO_Ant1_2412



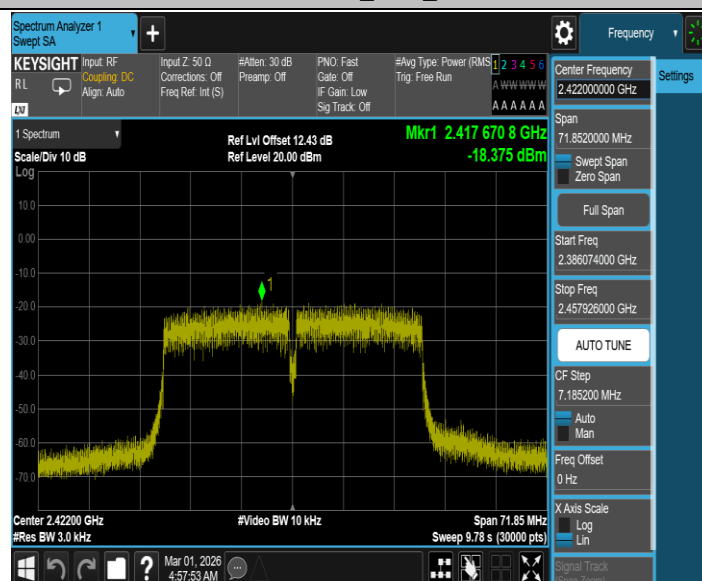
11N20SISO_Ant1_2437



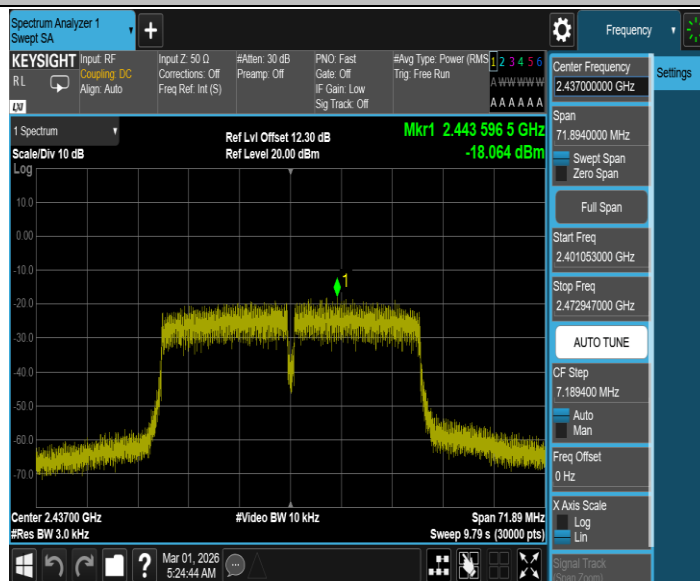
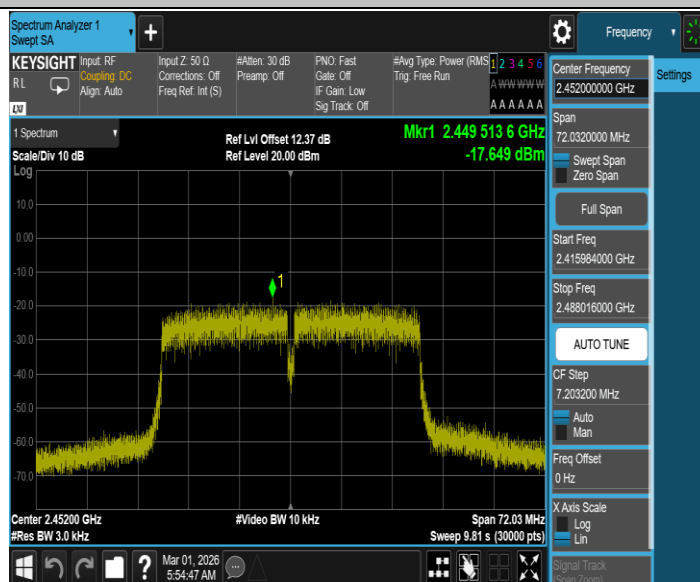
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



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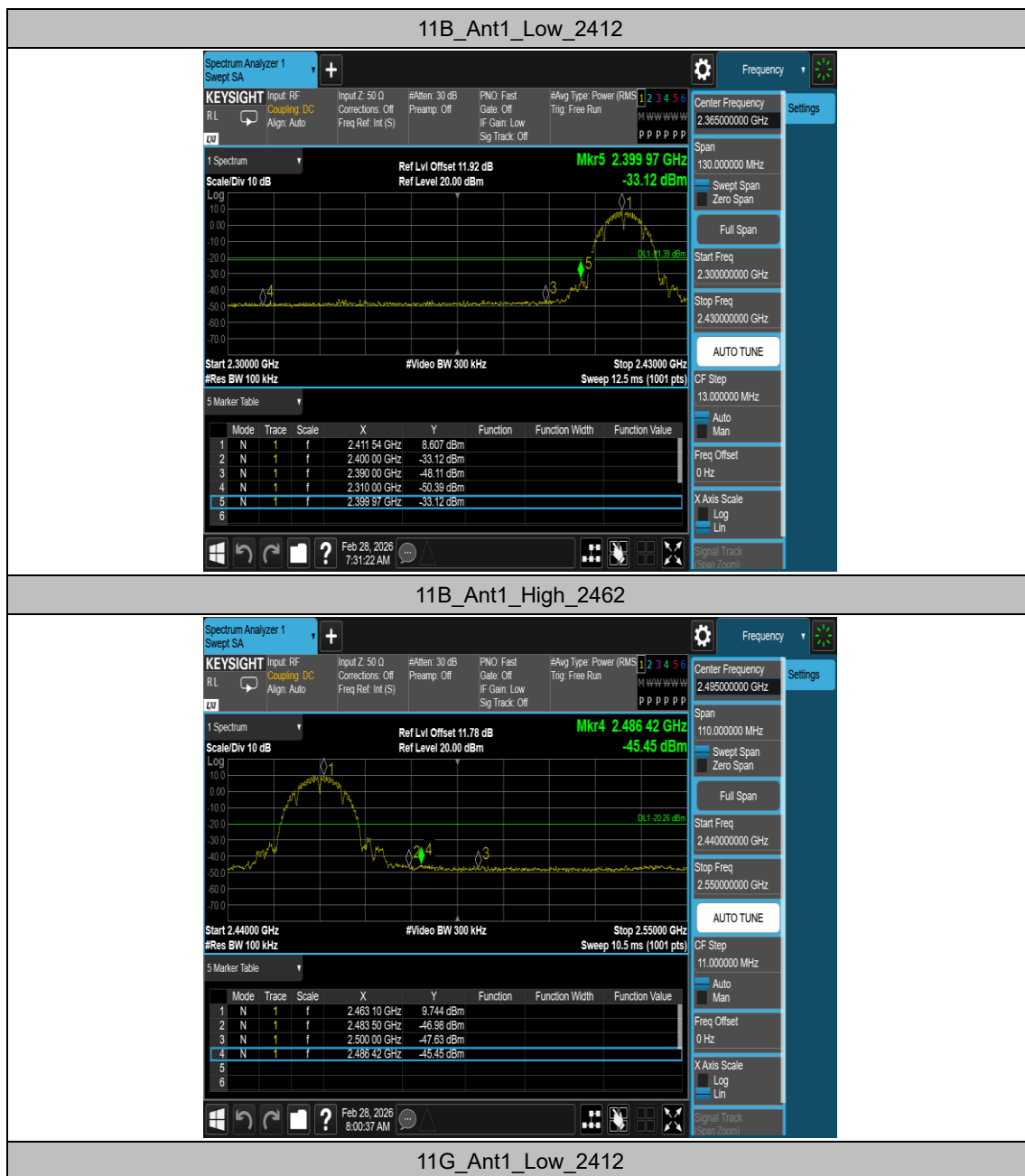
11N40SISO_Ant1_2437

11N40SISO_Ant1_2452


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.61	-33.12	≤-21.39	PASS
		High	2462	9.74	-45.45	≤-20.26	PASS
11G	Ant1	Low	2412	4.01	-32.51	≤-25.99	PASS
		High	2462	6.54	-30.18	≤-23.46	PASS
11N20SISO	Ant1	Low	2412	3.72	-32.24	≤-26.28	PASS
		High	2462	5.29	-34.54	≤-24.71	PASS
11N40SISO	Ant1	Low	2422	1.43	-34.45	≤-28.57	PASS
		High	2452	1.57	-34.27	≤-28.43	PASS

Test Graphs





11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

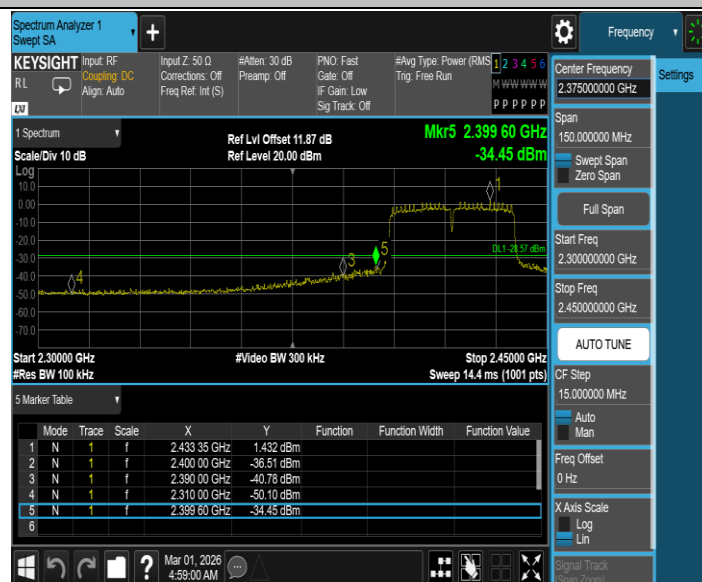


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11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

