

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.200	2405.920	2418.120	0.5	PASS
		2437	12.200	2430.920	2443.120	0.5	PASS
		2462	12.200	2455.920	2468.120	0.5	PASS
11G	Ant1	2412	16.400	2403.760	2420.160	0.5	PASS
		2437	16.400	2428.760	2445.160	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS
11N20SI SO	Ant1	2412	17.480	2403.280	2420.760	0.5	PASS
		2437	17.400	2428.280	2445.680	0.5	PASS
		2462	17.400	2453.280	2470.680	0.5	PASS
11N40SI SO	Ant1	2422	36.240	2403.920	2440.160	0.5	PASS
		2437	36.160	2418.920	2455.080	0.5	PASS
		2452	36.080	2434.000	2470.080	0.5	PASS
11AX20S ISO	Ant1	2412	18.680	2402.680	2421.360	0.5	PASS
		2437	18.720	2427.800	2446.520	0.5	PASS
		2462	18.600	2452.920	2471.520	0.5	PASS
11AX40S ISO	Ant1	2422	37.760	2403.200	2440.960	0.5	PASS
		2437	37.840	2418.040	2455.880	0.5	PASS
		2452	37.760	2433.120	2470.880	0.5	PASS

Test Graphs





11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



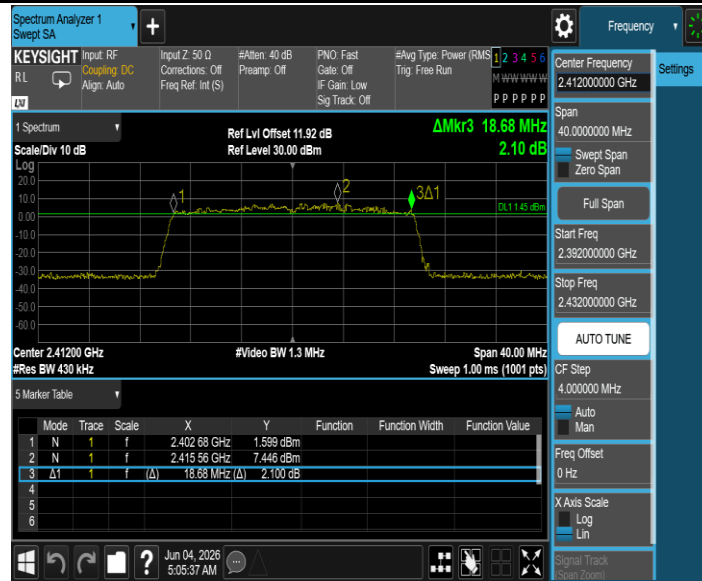
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412

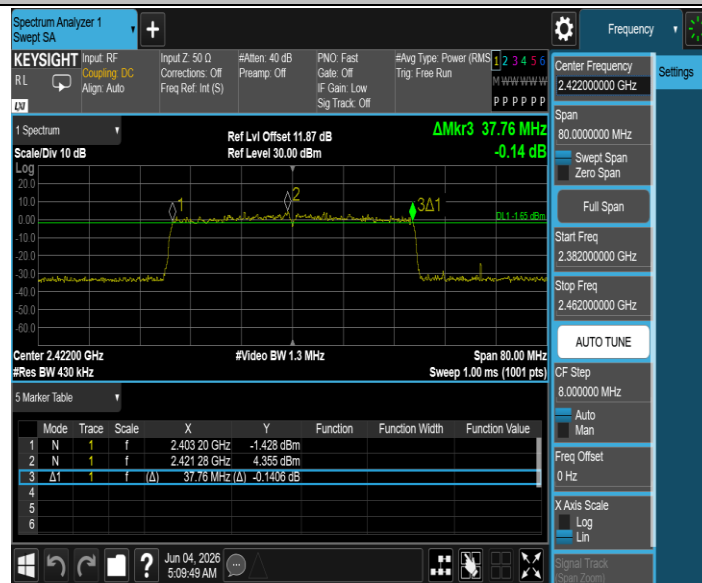


11AX20SISO_Ant1_2437



EFGX26050549-IE-02-E05 Appendix

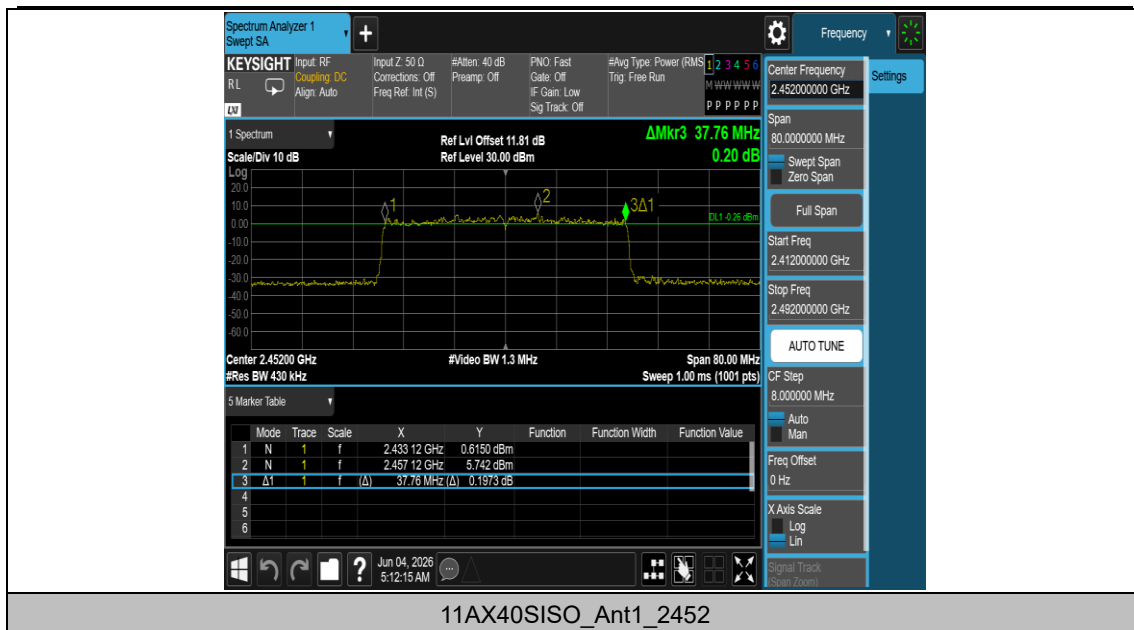
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



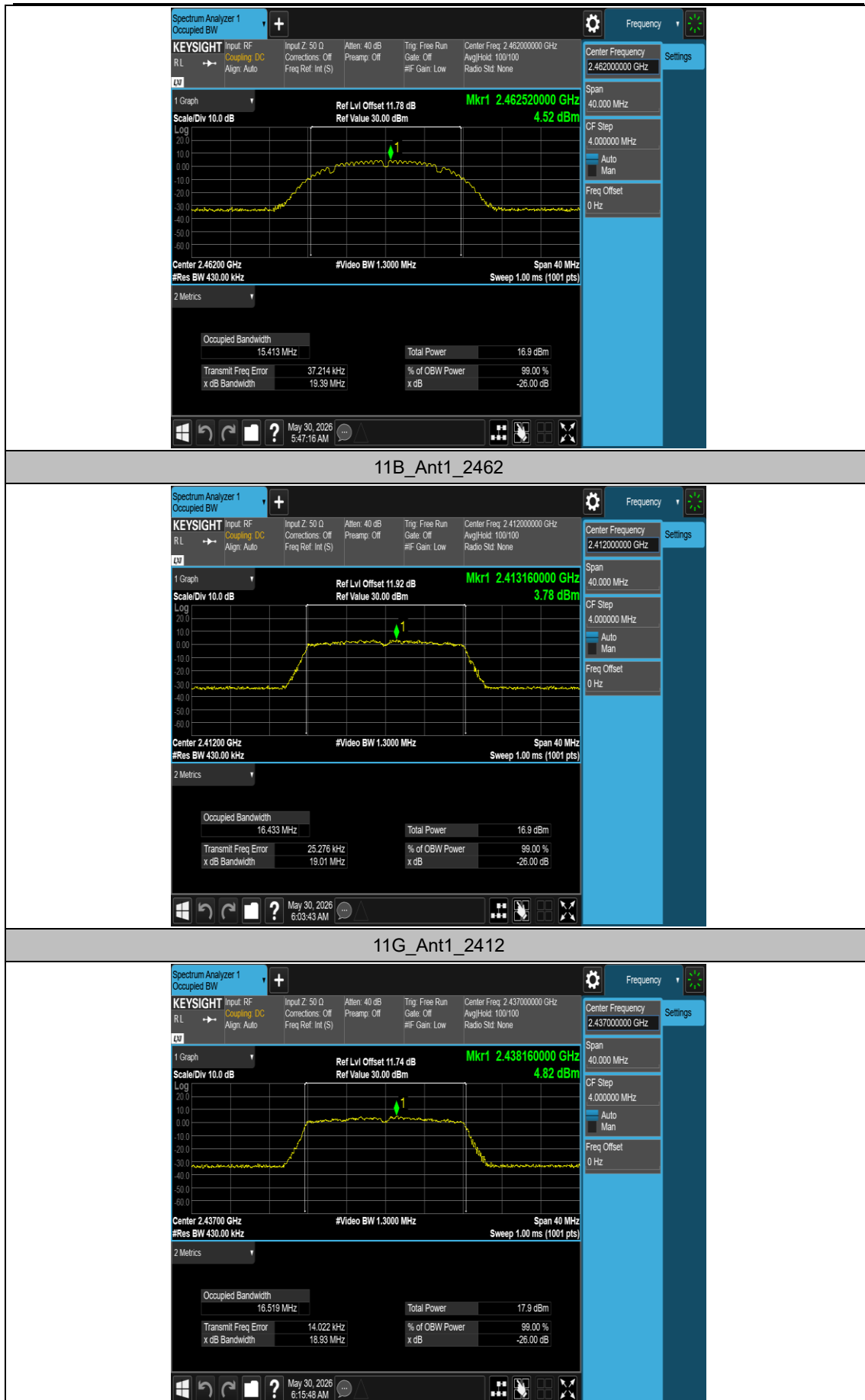
Appendix B: Occupied Channel Bandwidth

Test Result

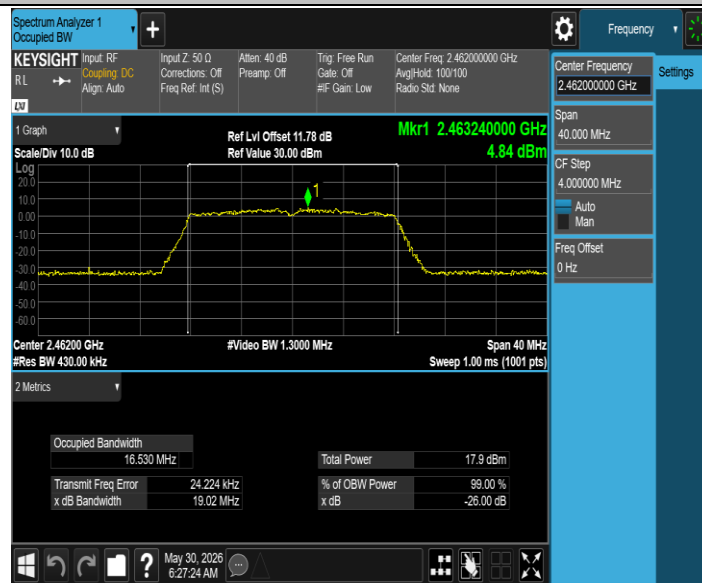
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.414	2404.3020	2419.7160	---	---
		2437	15.384	2429.3333	2444.7173	---	---
		2462	15.413	2454.3307	2469.7437	---	---
11G	Ant1	2412	16.433	2403.8088	2420.2418	---	---
		2437	16.519	2428.7545	2445.2735	---	---
		2462	16.530	2453.7592	2470.2892	---	---
11N20SIS O	Ant1	2412	17.590	2403.2271	2420.8171	---	---
		2437	17.571	2428.2271	2445.7981	---	---
		2462	17.580	2453.2298	2470.8098	---	---
11N40SIS O	Ant1	2422	36.002	2404.0487	2440.0507	---	---
		2437	35.948	2419.0775	2455.0255	---	---
		2452	35.994	2434.0493	2470.0433	---	---
11AX20SI SO	Ant1	2412	18.887	2402.6122	2421.4992	---	---
		2437	18.901	2427.6121	2446.5131	---	---
		2462	18.877	2452.6207	2471.4977	---	---
11AX40SI SO	Ant1	2422	37.890	2403.0481	2440.9381	---	---
		2437	37.827	2418.0883	2455.9153	---	---
		2452	37.890	2433.0936	2470.9836	---	---

Test Graphs

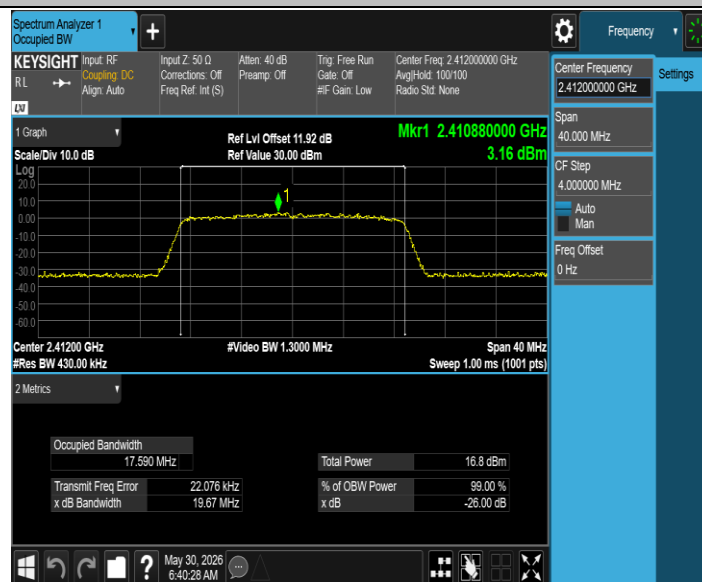




11G_Ant1_2437



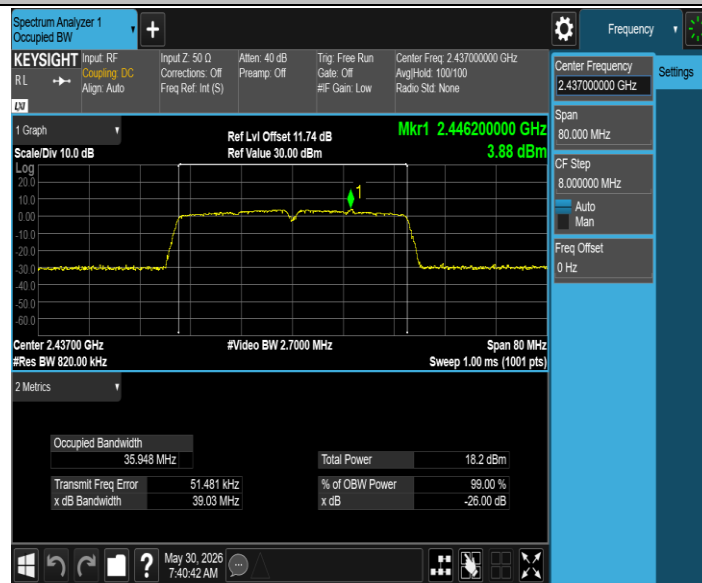
11G_Ant1_2462



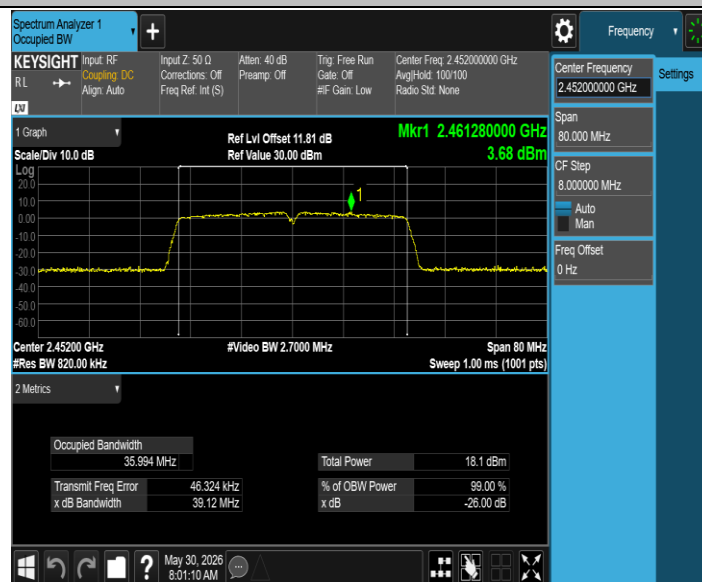
11N20SISO_Ant1_2412



11N40SISO_Ant1_2422



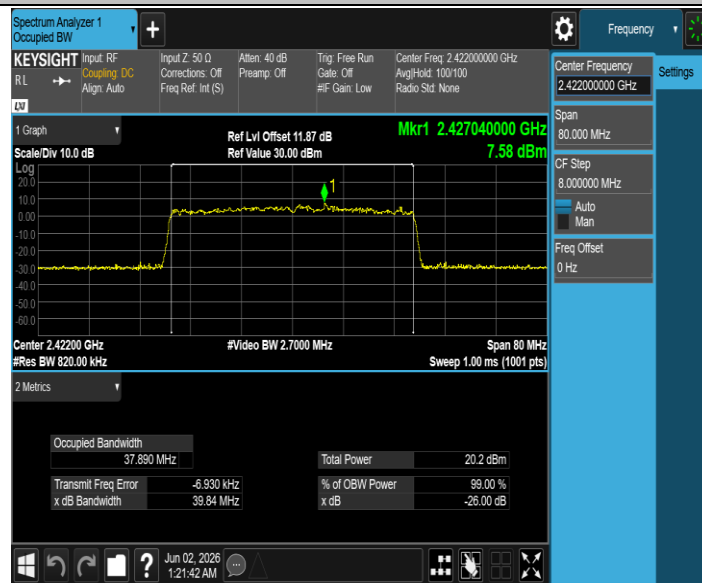
11N40SISO_Ant1_2437



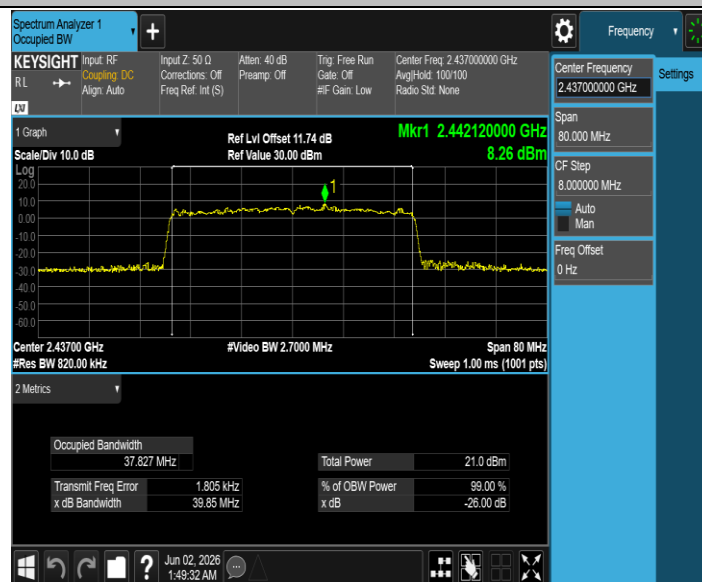
11N40SISO_Ant1_2452



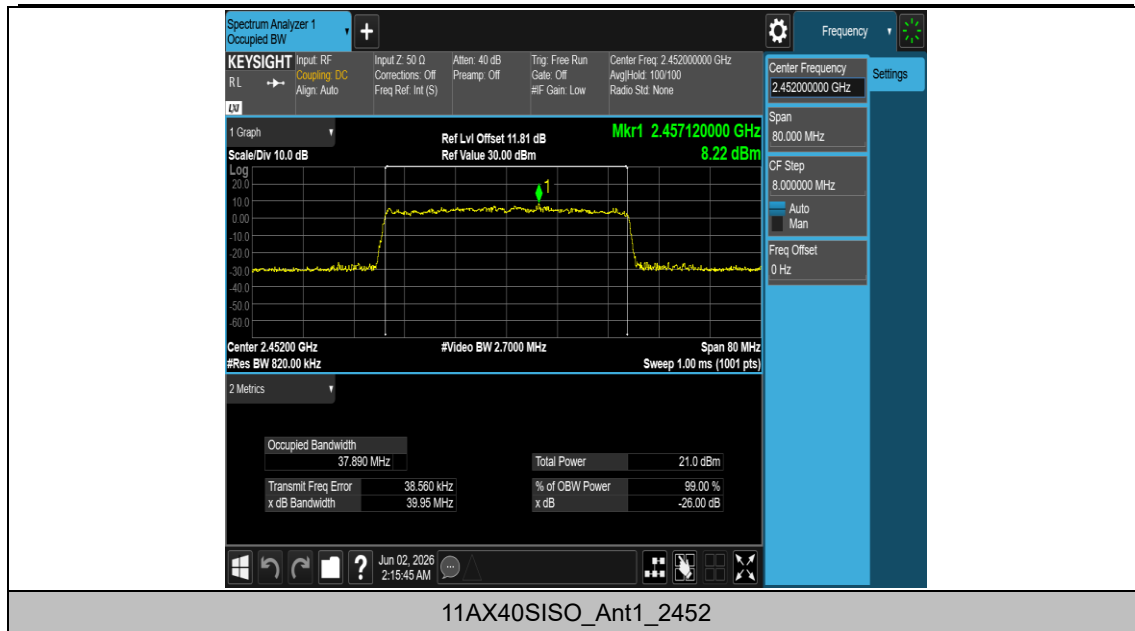
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Duty Cycle [%]	DC Factor [dBm]	AV Power [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	6.32	21.62	6.65	12.97	≤30.00	3.83	16.80	≤36.00	PASS
		2437	6.88	21.77	6.62	13.50	≤30.00	3.83	17.33	≤36.00	PASS
		2462	6.97	21.77	6.62	13.59	≤30.00	3.83	17.42	≤36.00	PASS
11G	Ant1	2412	0.98	10.67	9.72	10.70	≤30.00	3.83	14.53	≤36.00	PASS
		2437	2.78	10.67	9.72	12.50	≤30.00	3.83	16.33	≤36.00	PASS
		2462	1.56	11.07	9.56	11.12	≤30.00	3.83	14.95	≤36.00	PASS
11N20SI SO	Ant1	2412	1.19	11.37	9.44	10.63	≤30.00	3.83	14.46	≤36.00	PASS
		2437	1.4	11.37	9.44	10.84	≤30.00	3.83	14.67	≤36.00	PASS
		2462	3.77	11.37	9.44	13.21	≤30.00	3.83	17.04	≤36.00	PASS
11N40SI SO	Ant1	2422	-0.03	10.98	9.59	9.56	≤30.00	3.83	13.39	≤36.00	PASS
		2437	3.3	10.98	9.59	12.89	≤30.00	3.83	16.72	≤36.00	PASS
		2452	-1.03	10.98	9.59	8.56	≤30.00	3.83	12.39	≤36.00	PASS
11AX20S ISO	Ant1	2412	3.75	9.77	10.10	13.85	≤30.00	3.83	17.68	≤36.00	PASS
		2437	2.84	9.77	10.10	12.94	≤30.00	3.83	16.77	≤36.00	PASS
		2462	4.01	10.15	9.94	13.95	≤30.00	3.83	17.78	≤36.00	PASS
11AX40S ISO	Ant1	2422	2.85	9.81	10.08	12.93	≤30.00	3.83	16.76	≤36.00	PASS
		2437	3.77	10.15	9.94	13.71	≤30.00	3.83	17.54	≤36.00	PASS
		2452	2.99	9.81	10.08	13.07	≤30.00	3.83	16.90	≤36.00	PASS

1. Method AVGPM-G using a wideband RF power meter (According to section 11.9.2.3.2 of ANSI C63.10).

Appendix D: Maximum power spectral density

Test Result

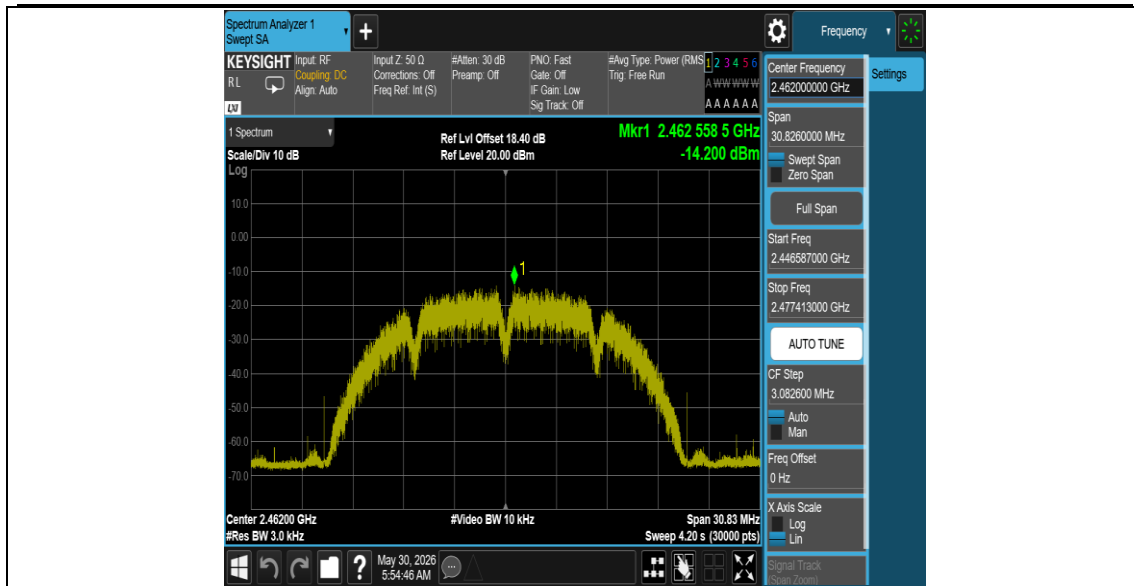
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.49	≤8.00	PASS
		2437	-14.76	≤8.00	PASS
		2462	-14.20	≤8.00	PASS
11G	Ant1	2412	-16.00	≤8.00	PASS
		2437	-15.09	≤8.00	PASS
		2462	-14.38	≤8.00	PASS
11N20SISO	Ant1	2412	-15.57	≤8.00	PASS
		2437	-14.40	≤8.00	PASS
		2462	-14.52	≤8.00	PASS
11N40SISO	Ant1	2422	-19.30	≤8.00	PASS
		2437	-18.00	≤8.00	PASS
		2452	-19.13	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.01	≤8.00	PASS
		2437	-12.88	≤8.00	PASS
		2462	-10.93	≤8.00	PASS
11AX40SISO	Ant1	2422	-18.60	≤8.00	PASS
		2437	-17.99	≤8.00	PASS
		2452	-18.10	≤8.00	PASS

Note1: The Duty Cycle Factor is compensated in the graph.

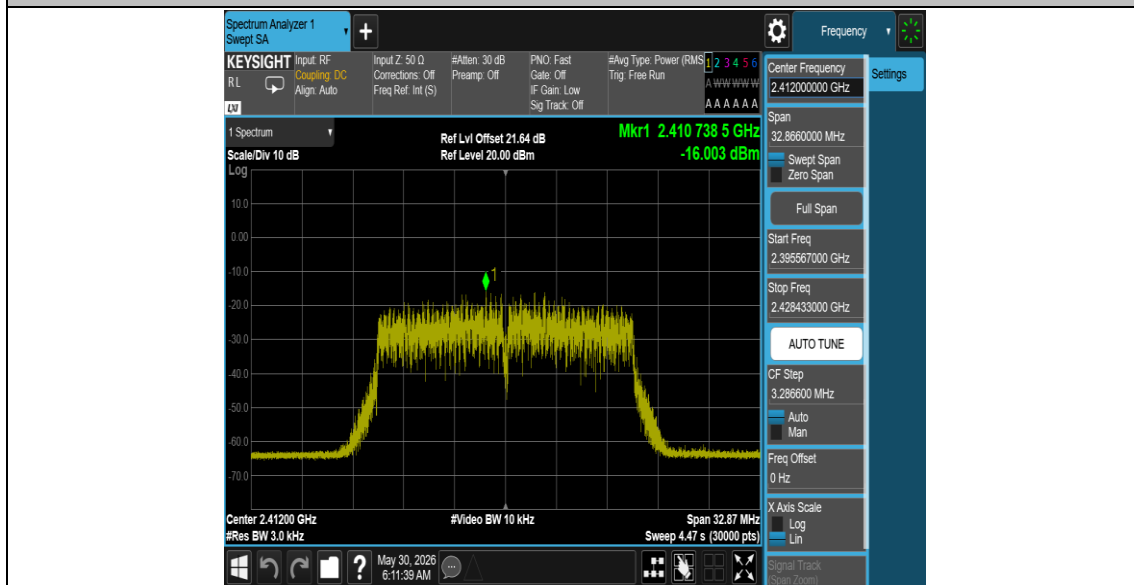
Note2: The detector method is AV.

Test Graphs

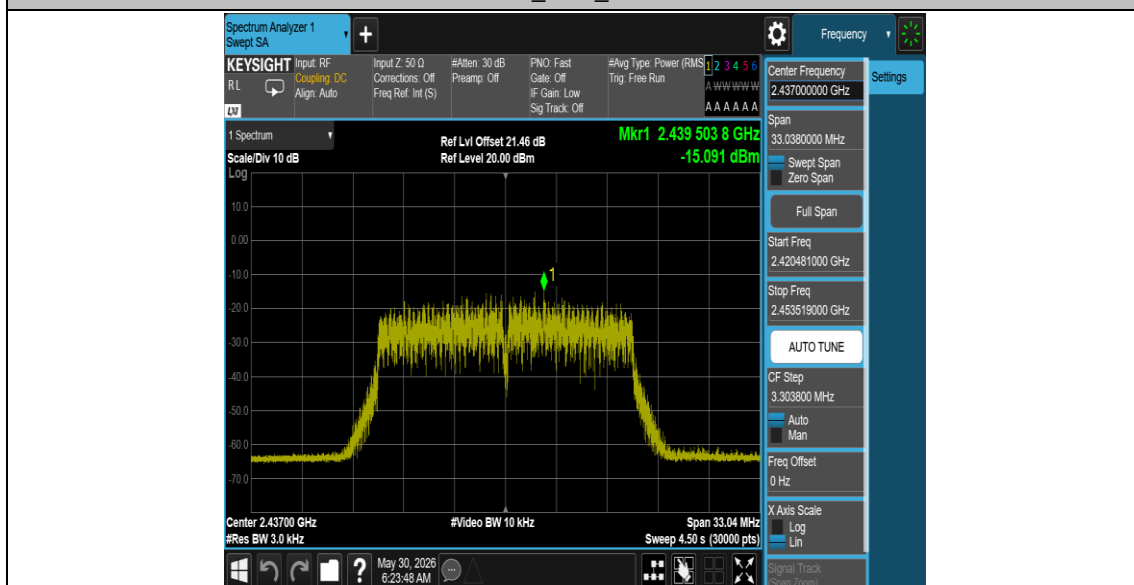




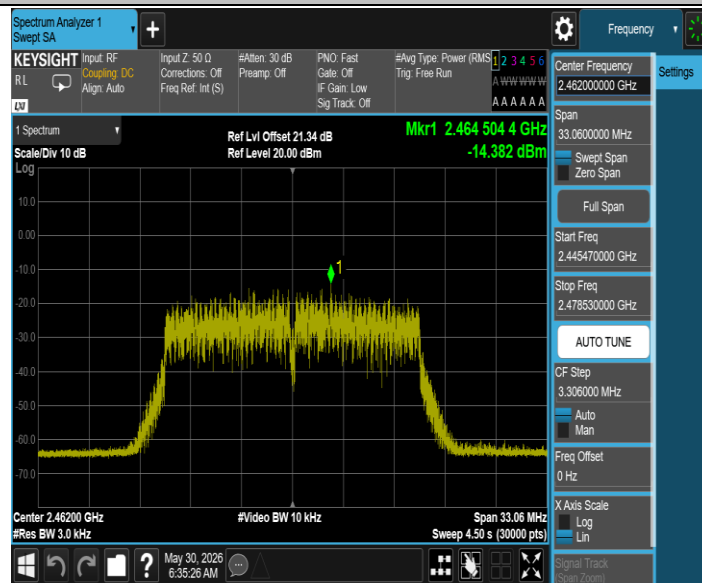
11B_Ant1_2462



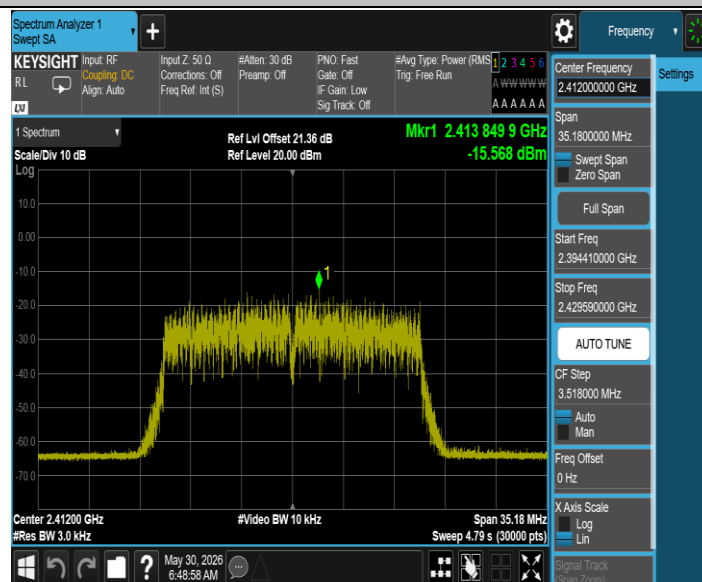
11G_Ant1_2412



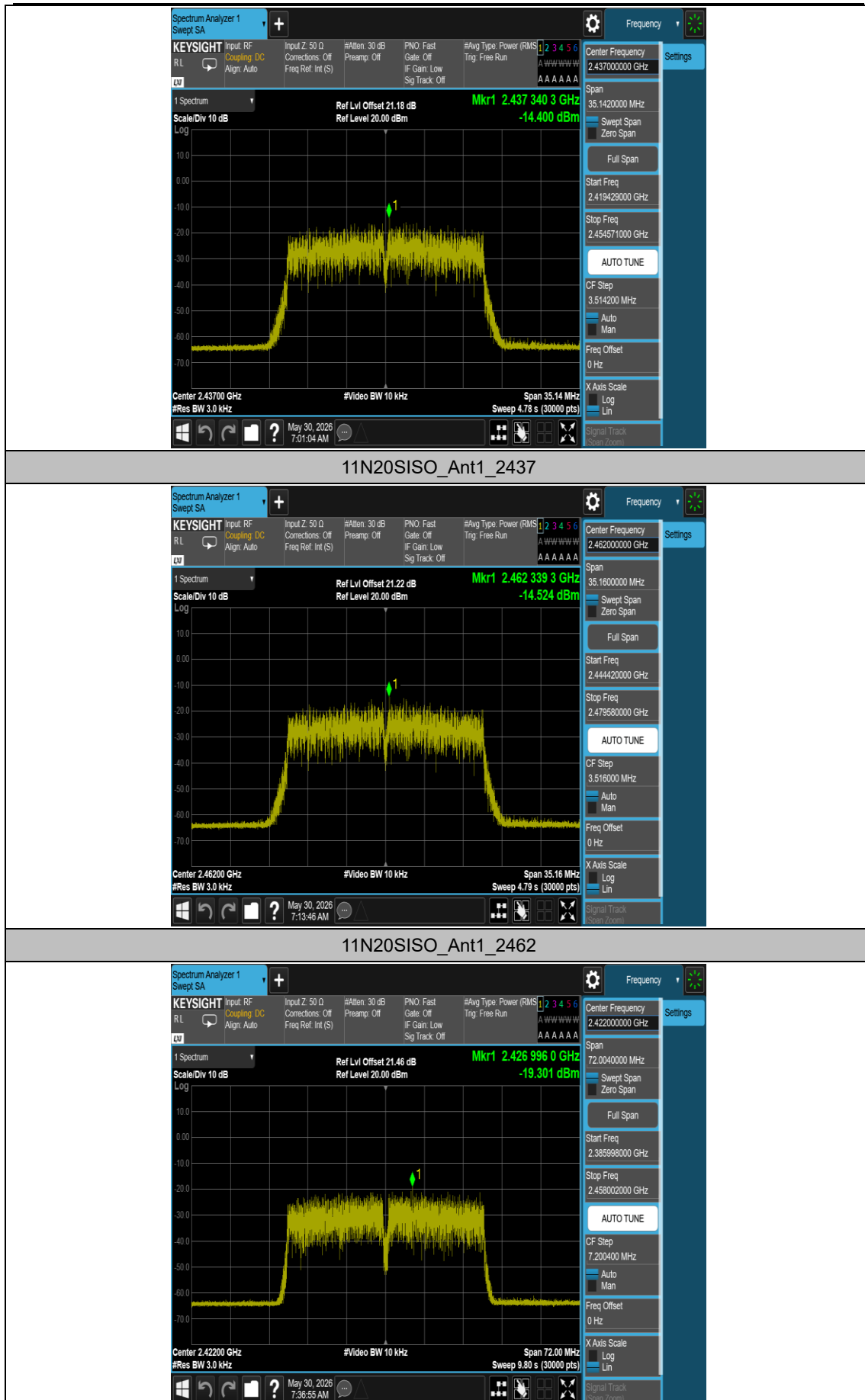
11G_Ant1_2437



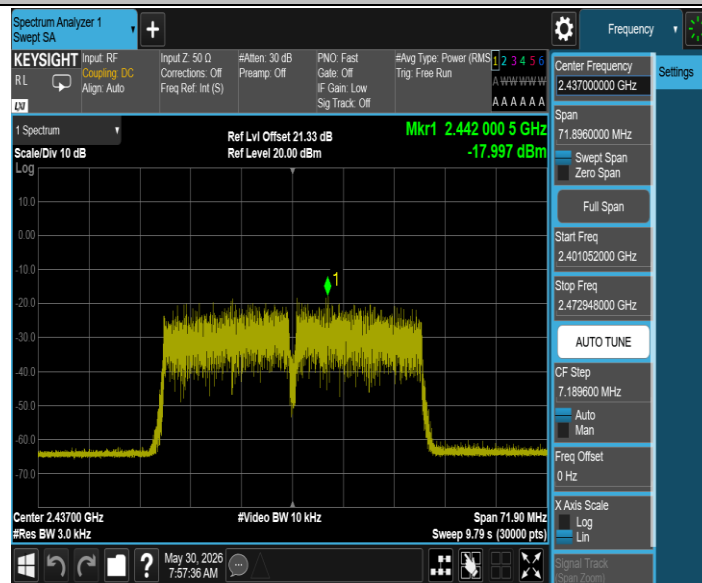
11G_Ant1_2462



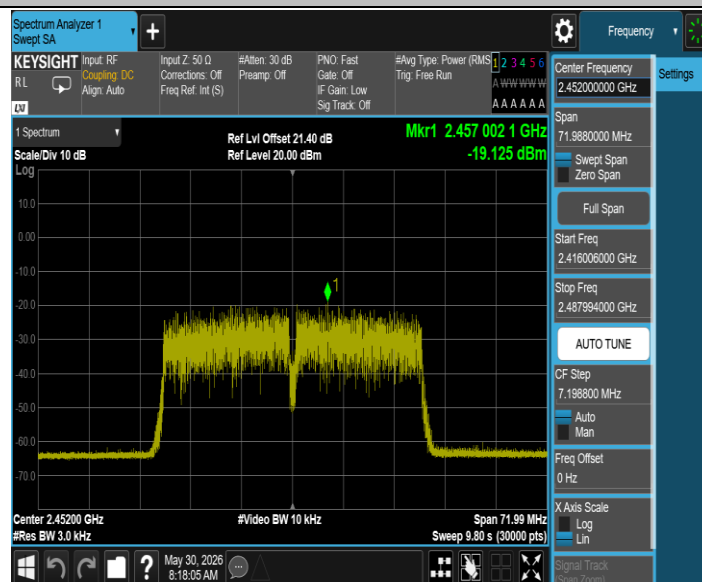
11N20SISO_Ant1_2412



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452