

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.240	2407.440	2416.680	0.5	PASS
		2437	9.280	2432.400	2441.680	0.5	PASS
		2462	9.280	2457.400	2466.680	0.5	PASS
11G	Ant1	2412	16.520	2403.760	2420.280	0.5	PASS
		2437	16.520	2428.760	2445.280	0.5	PASS
		2462	16.520	2453.760	2470.280	0.5	PASS
11N20SI SO	Ant1	2412	17.720	2403.120	2420.840	0.5	PASS
		2437	17.680	2428.120	2445.800	0.5	PASS
		2462	17.680	2453.160	2470.840	0.5	PASS
11N40SI SO	Ant1	2422	35.840	2404.320	2440.160	0.5	PASS
		2437	35.760	2419.400	2455.160	0.5	PASS
		2452	35.680	2434.400	2470.080	0.5	PASS

Test Graphs













11N40SISO_Ant1_2452

Spectrum Analyzer 1
Swept SA

KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
RL

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 40 dB
Preamp: Off

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run
M W W W W W
P P P P P P

Frequency

Center Frequency
2.452000000 GHz
Span
80.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.412000000 GHz
Stop Freq
2.492000000 GHz
AUTO TUNE
CF Step
8.0000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
Span Down

1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 11.81 dB
Ref Level 30.00 dBm
 Δ Mkr3 35.68 MHz
0.14 dB
73.1.1.69 dBm
Center 2.45200 GHz
#Res BW 430 kHz
#Video BW 1.3 MHz
Span 80.00 MHz
Sweep 1.00 ms (1001 pts)

5 Marker Table

Apr 02, 2026
8:12:43 AM

Appendix B: Occupied Channel Bandwidth

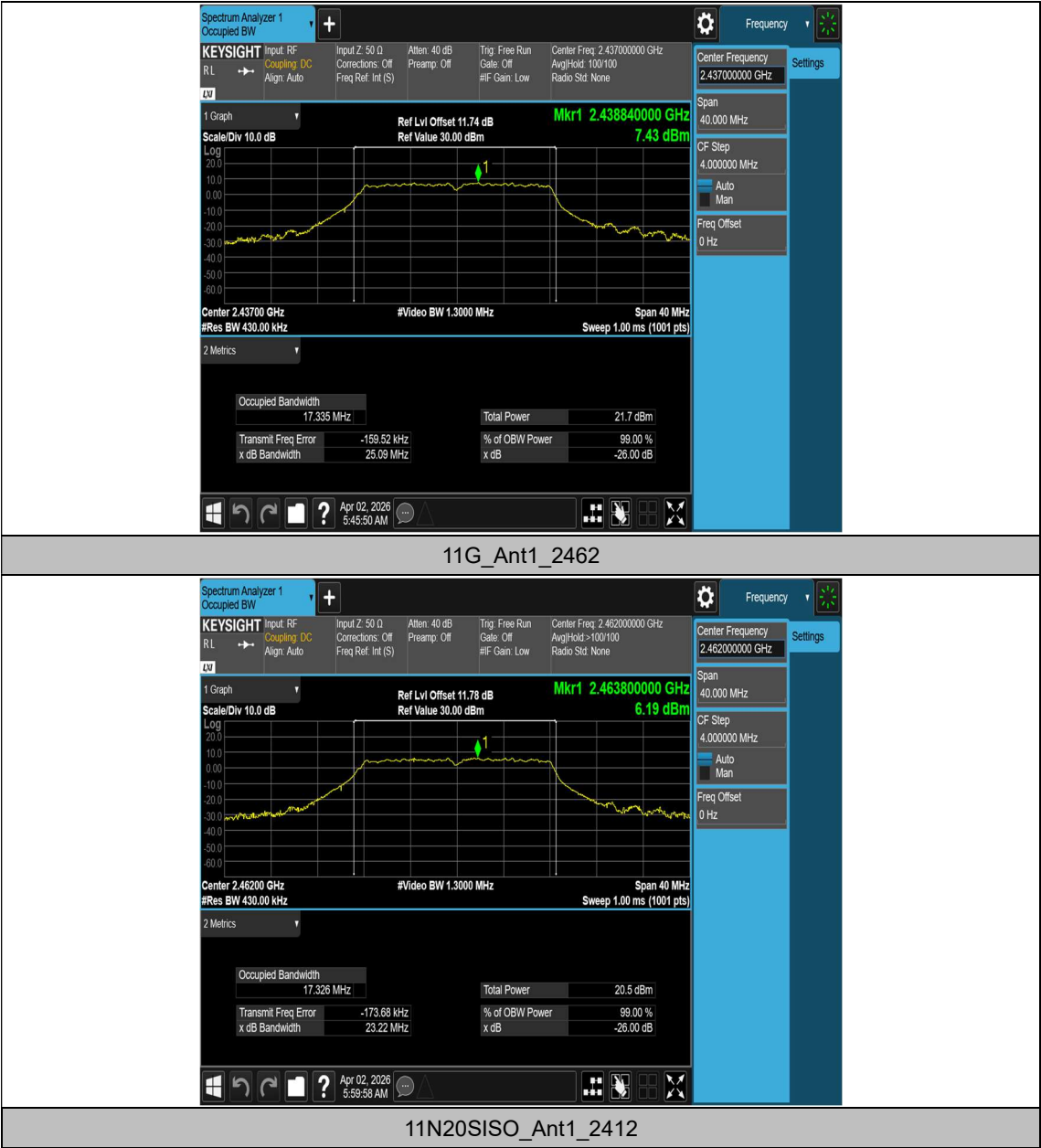
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	14.107	2405.0004	2419.1074	---	---
		2437	14.097	2430.0020	2444.0990	---	---
		2462	14.121	2455.0027	2469.1237	---	---
11G	Ant1	2412	17.319	2403.1650	2420.4840	---	---
		2437	17.335	2428.1730	2445.5080	---	---
		2462	17.326	2453.1633	2470.4893	---	---
11N20SI SO	Ant1	2412	18.263	2402.8350	2421.0980	---	---
		2437	18.304	2427.8184	2446.1224	---	---
		2462	18.284	2452.8213	2471.1053	---	---
11N40SI SO	Ant1	2422	35.908	2404.2135	2440.1215	---	---
		2437	35.991	2419.1945	2455.1855	---	---
		2452	35.893	2434.2089	2470.1019	---	---

Test Graphs













Appendix C: Maximum conducted output power

Test Result Average

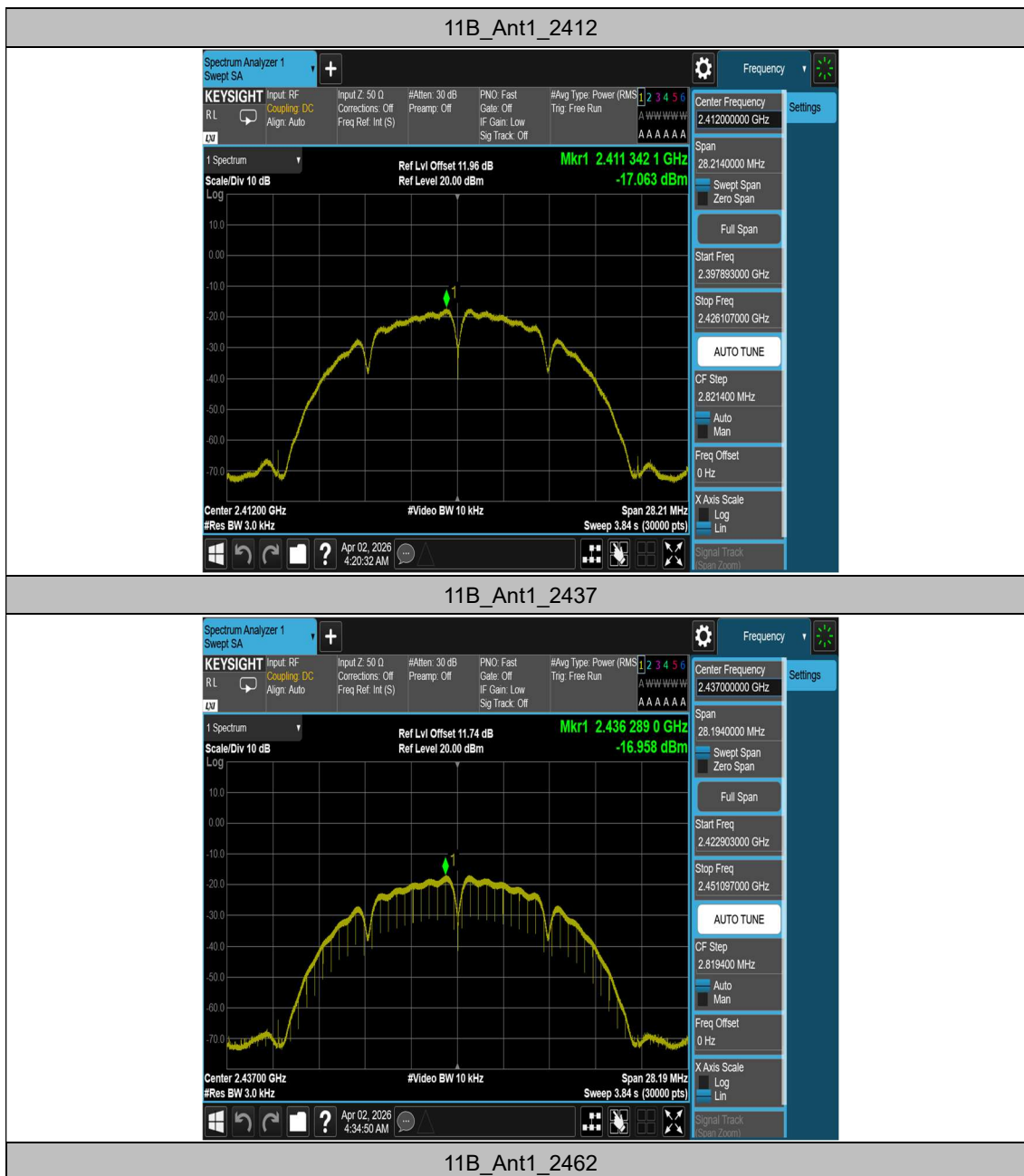
Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	99.12	0.04	14.35	≤30.00	1.95	16.30	≤36.00	PASS
		2437	100.00	0.00	14.53	≤30.00	1.95	16.48	≤36.00	PASS
		2462	100.00	0.00	14.69	≤30.00	1.95	16.64	≤36.00	PASS
11G	Ant1	2412	100.00	0.00	14.30	≤30.00	1.95	16.25	≤36.00	PASS
		2437	100.00	0.00	14.96	≤30.00	1.95	16.91	≤36.00	PASS
		2462	100.00	0.00	13.77	≤30.00	1.95	15.72	≤36.00	PASS
11N20SI SO	Ant1	2412	100.00	0.00	14.80	≤30.00	1.95	16.75	≤36.00	PASS
		2437	100.00	0.00	15.36	≤30.00	1.95	17.31	≤36.00	PASS
		2462	100.00	0.00	14.16	≤30.00	1.95	16.11	≤36.00	PASS
11N40SI SO	Ant1	2422	87.85	0.56	12.42	≤30.00	1.95	14.37	≤36.00	PASS
		2437	87.85	0.56	13.12	≤30.00	1.95	15.07	≤36.00	PASS
		2452	87.85	0.56	13.59	≤30.00	1.95	15.54	≤36.00	PASS

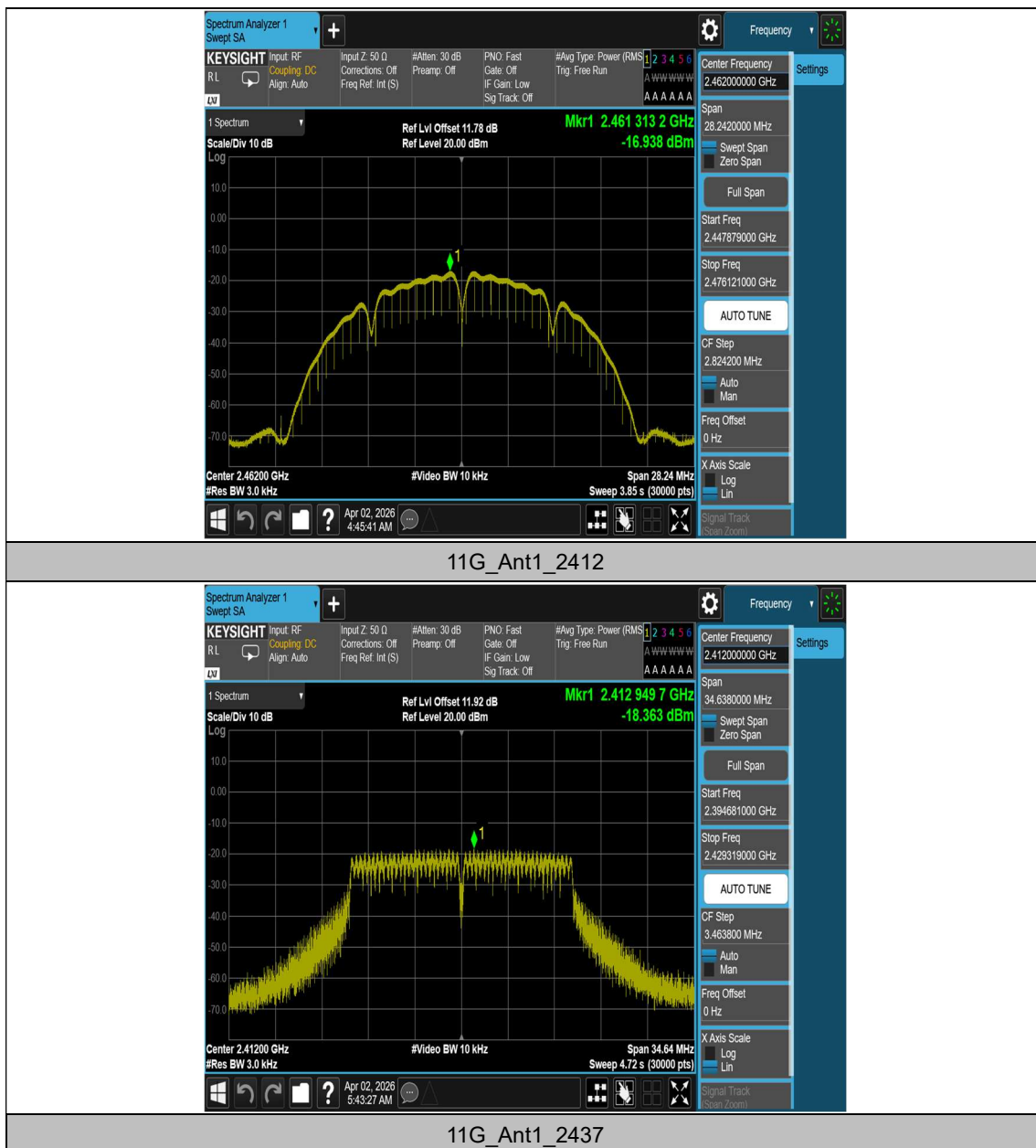
Appendix D: Maximum power spectral density

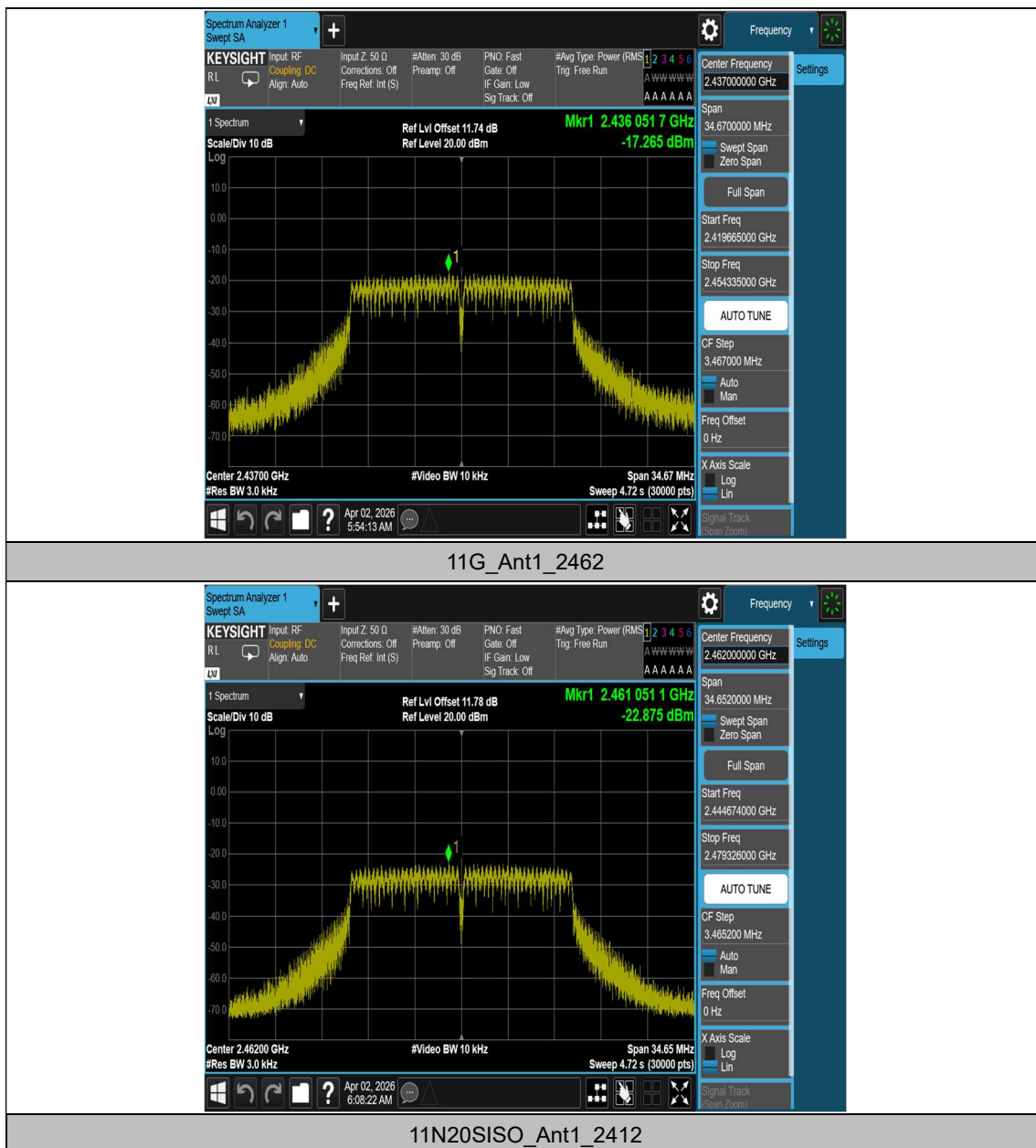
Test Result

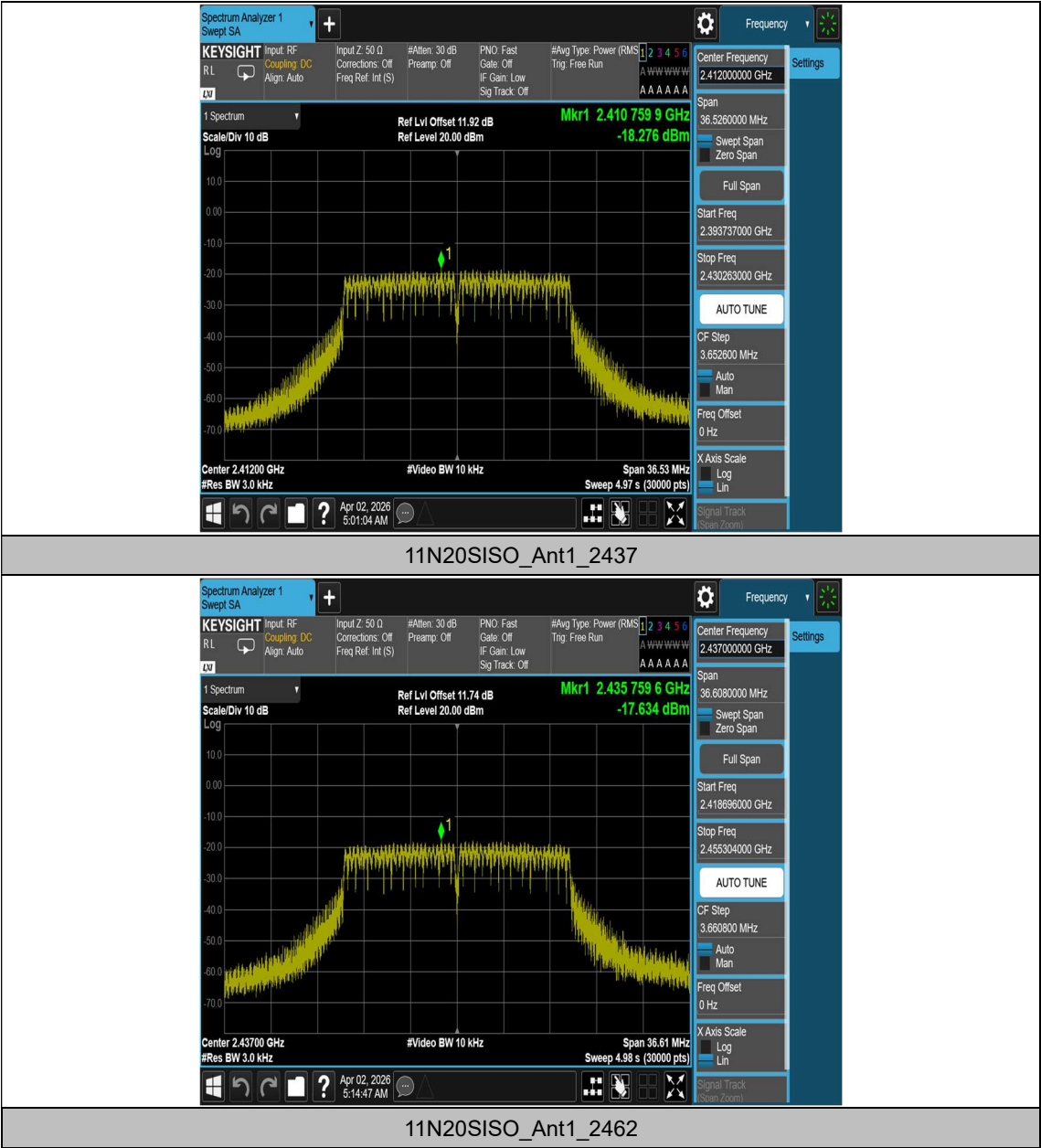
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.06	≤8.00	PASS
		2437	-16.96	≤8.00	PASS
		2462	-16.94	≤8.00	PASS
11G	Ant1	2412	-18.36	≤8.00	PASS
		2437	-17.27	≤8.00	PASS
		2462	-22.88	≤8.00	PASS
11N20SISO	Ant1	2412	-18.28	≤8.00	PASS
		2437	-17.63	≤8.00	PASS
		2462	-18.78	≤8.00	PASS
11N40SISO	Ant1	2422	-21.03	≤8.00	PASS
		2437	-19.95	≤8.00	PASS
		2452	-19.80	≤8.00	PASS

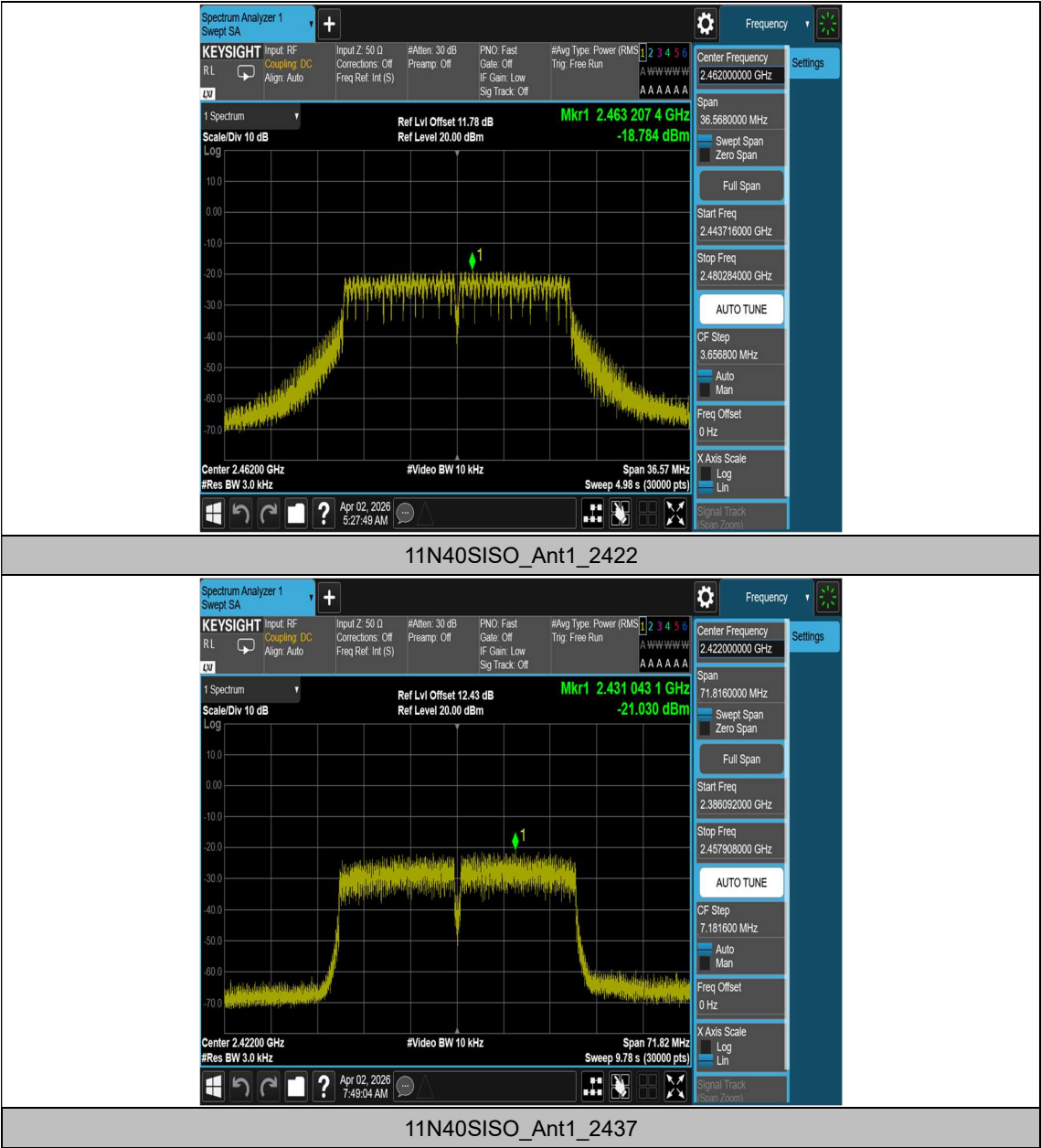
Test Graphs

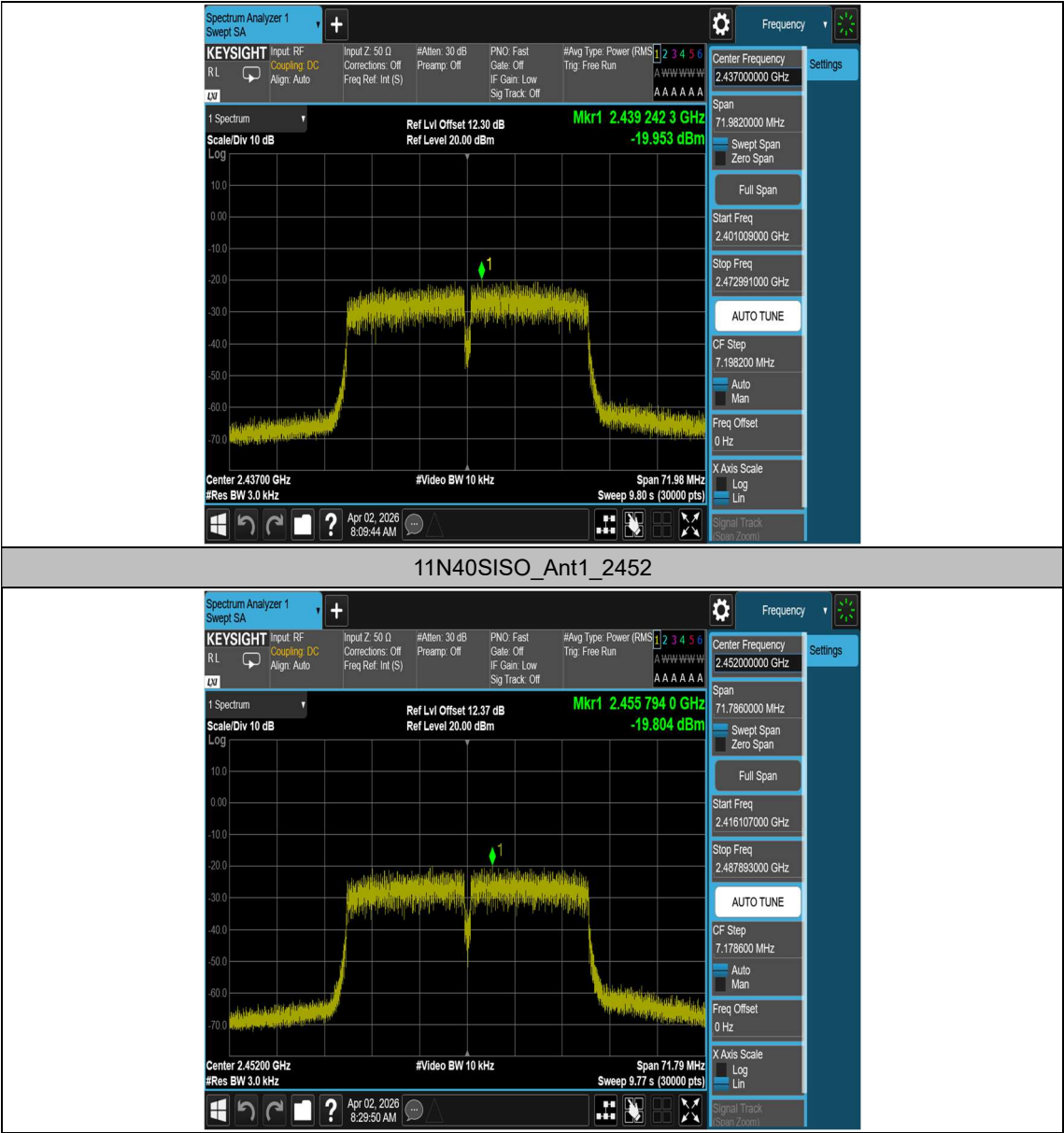












Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.89	-41.79	≤-24.11	PASS
		High	2462	5.42	-46.64	≤-24.58	PASS
11G	Ant1	Low	2412	1.34	-33.31	≤-28.66	PASS
		High	2462	3.55	-36.54	≤-26.45	PASS
11N20SIS O	Ant1	Low	2412	0.94	-29.26	≤-29.06	PASS
		High	2462	0.50	-40.19	≤-29.51	PASS
11N40SIS O	Ant1	Low	2422	-1.22	-39.96	≤-31.22	PASS
		High	2452	-0.02	-37.01	≤-30.02	PASS

Test Graphs

