

Case No. : <u>GTS20260408009-1-02</u>
Ambient Condition: <u>25℃,58%RH,</u>
According Standard: <u>■Part15C</u>
Test Date: <u>2026.4.24-2026.4.27</u> Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.960	2408.320	2416.280	0.5	PASS
		2437	8.880	2432.440	2441.320	0.5	PASS
		2462	9.360	2457.000	2466.360	0.5	PASS
11G	Ant1	2412	16.200	2403.880	2420.080	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	16.280	2453.760	2470.040	0.5	PASS
11N20SISO	Ant1	2412	17.480	2403.240	2420.720	0.5	PASS
		2437	17.480	2428.280	2445.760	0.5	PASS
		2462	17.440	2453.280	2470.720	0.5	PASS
11N40SISO	Ant1	2422	31.440	2406.240	2437.680	0.5	PASS
		2437	29.040	2422.360	2451.400	0.5	PASS
		2452	29.520	2437.120	2466.640	0.5	PASS
11AX20SISO	Ant1	2412	15.960	2404.160	2420.120	0.5	PASS
		2437	17.680	2428.200	2445.880	0.5	PASS
		2462	17.160	2453.240	2470.400	0.5	PASS

Test Graphs



11B_Ant1_2437

Keysight Spectrum Analyzer - Swept SA

Center Freq 2.437000000 GHz

Ref Offset 8.05 dB
Ref 30.00 dBm

10 dB/div
Log

1

2

3Δ1

ΔMkr3 8.88 MHz
0.038 dB

Center 2.43700 GHz
#Res BW 430 kHz
#VBW 1.3 MHz
Span 40.00 MHz
Sweep 1.000 ms (1001 pts)

MWR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	f	2.43244 GHz	5.674 dBm			
2	N	f	f	2.43752 GHz	11.570 dBm			
Δ1	1	f	(Δ)	8.88 MHz (Δ)	0.038 dB			

Frequency

Auto Tune

Center Freq
2.437000000 GHz

Start Freq
2.417000000 GHz

Stop Freq
2.457000000 GHz

CF Step
4.000000 MHz
Auto Man

Freq Offset
0 Hz

11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462

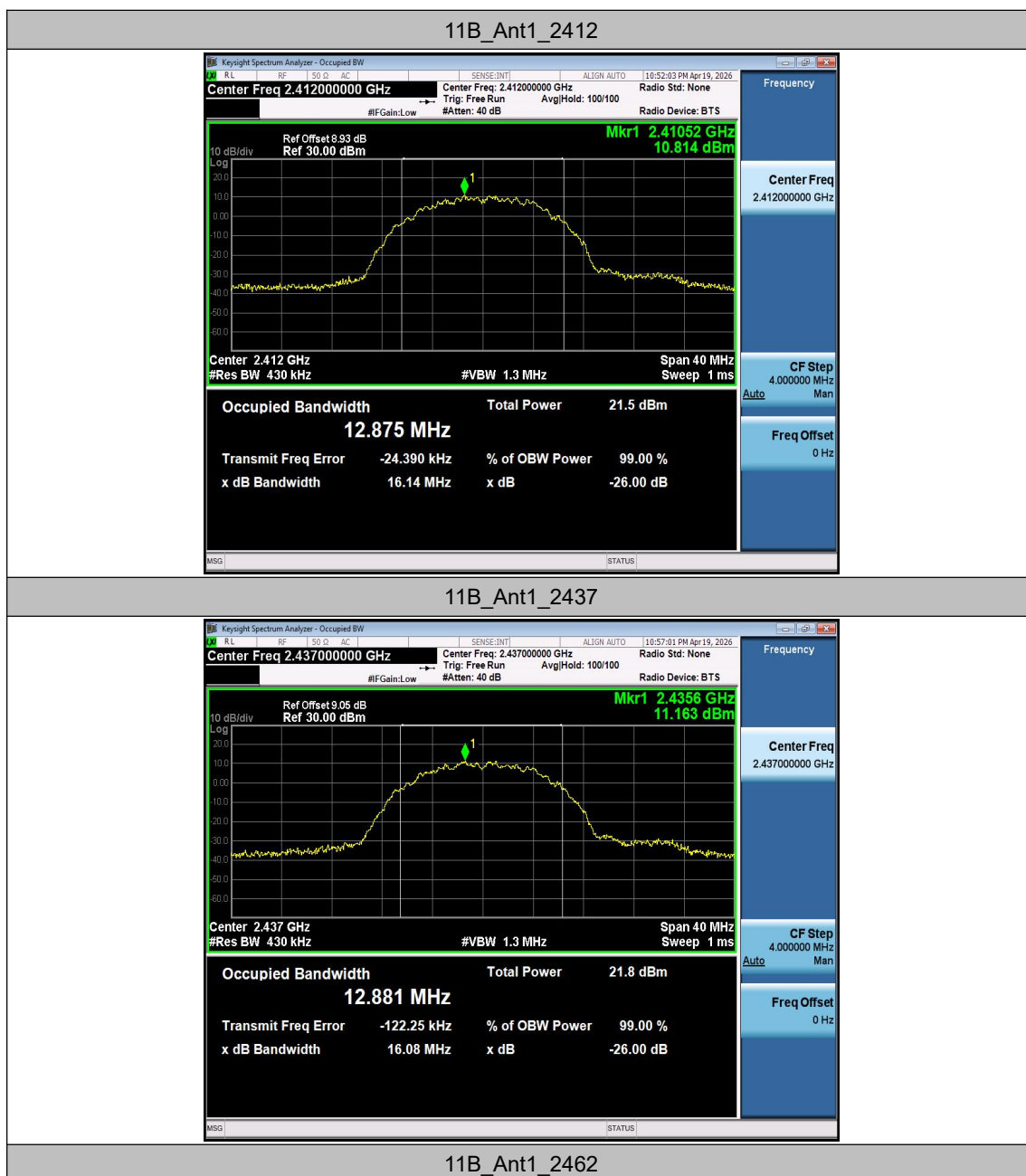


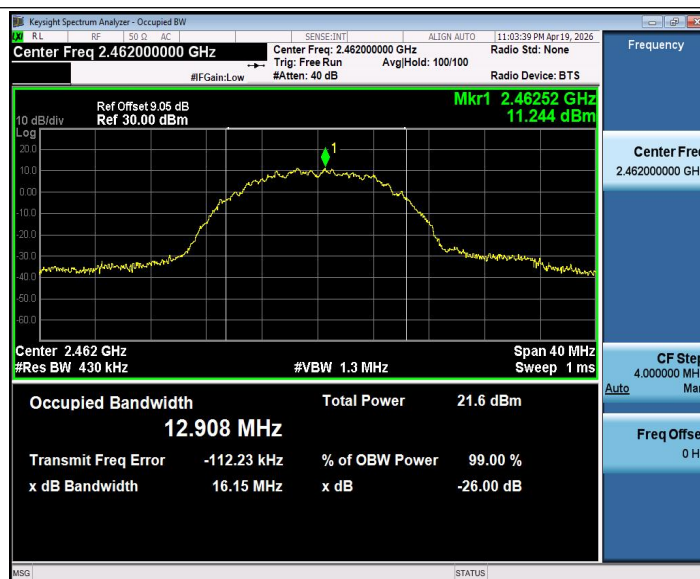
Appendix B.2: Occupied Channel Bandwidth

Test Result

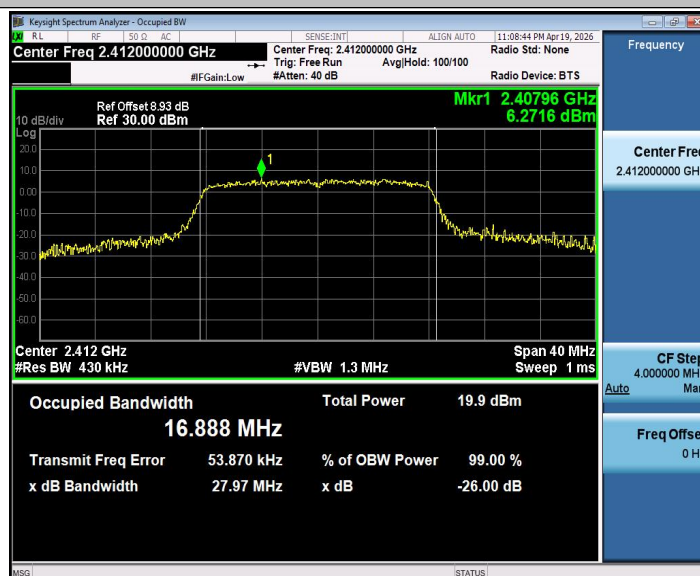
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.875	2405.5381	2418.4131	---	---
		2437	12.881	2430.4373	2443.3183	---	---
		2462	12.908	2455.4338	2468.3418	---	---
11G	Ant1	2412	16.888	2403.6099	2420.4979	---	---
		2437	16.923	2428.4983	2445.4213	---	---
		2462	17.005	2453.5000	2470.5050	---	---
11N20SISO	Ant1	2412	17.675	2403.1951	2420.8701	---	---
		2437	17.677	2428.1604	2445.8374	---	---
		2462	17.726	2453.1279	2470.8539	---	---
11N40SISO	Ant1	2422	33.486	2405.3761	2438.8621	---	---
		2437	32.626	2420.6357	2453.2617	---	---
		2452	32.792	2435.4982	2468.2902	---	---
11AX20SISO	Ant1	2412	18.426	2402.7784	2421.2044	---	---
		2437	18.490	2427.7063	2446.1963	---	---
		2462	18.398	2452.7928	2471.1908	---	---

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



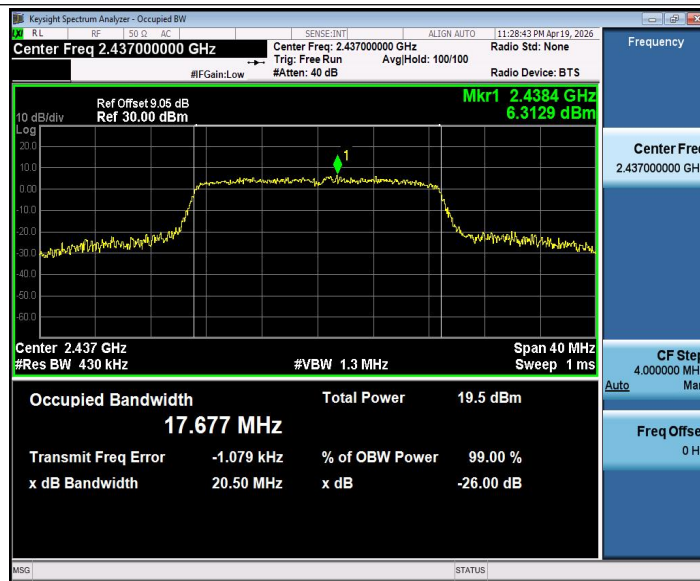
11G_Ant1_2462



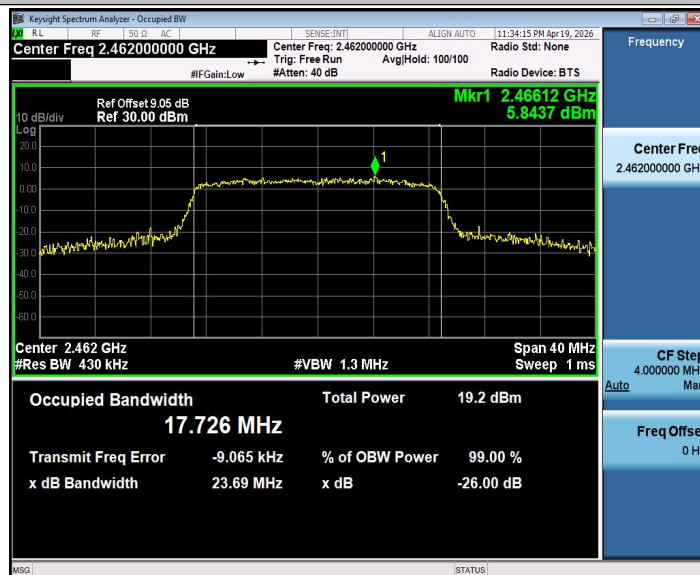
11N20SISO_Ant1_2412



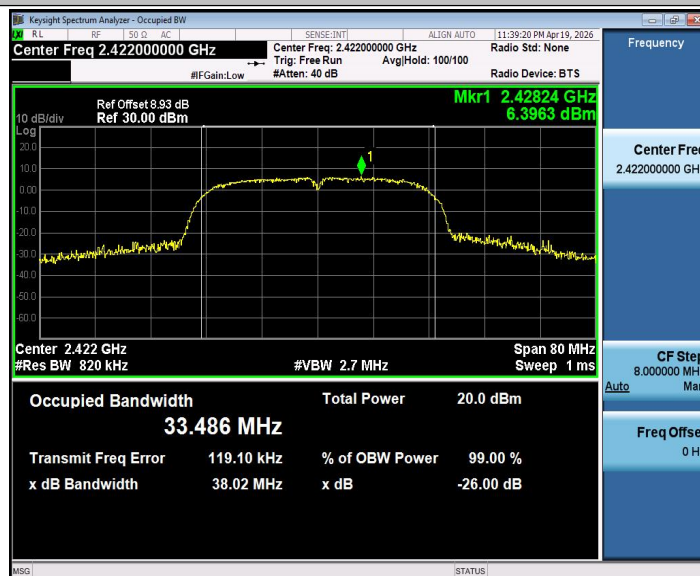
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



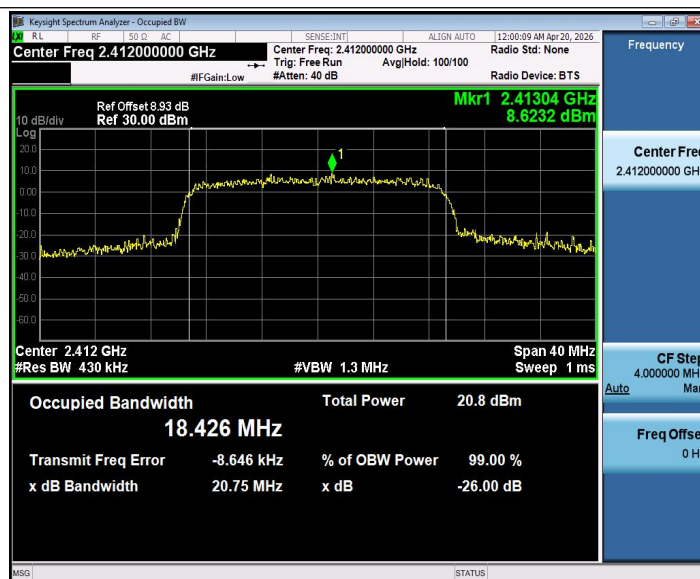
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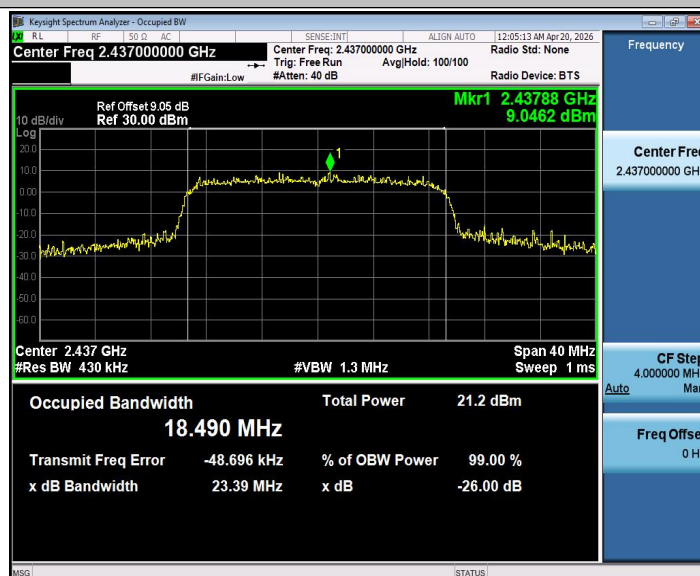
11N40SISO_Ant1_2452



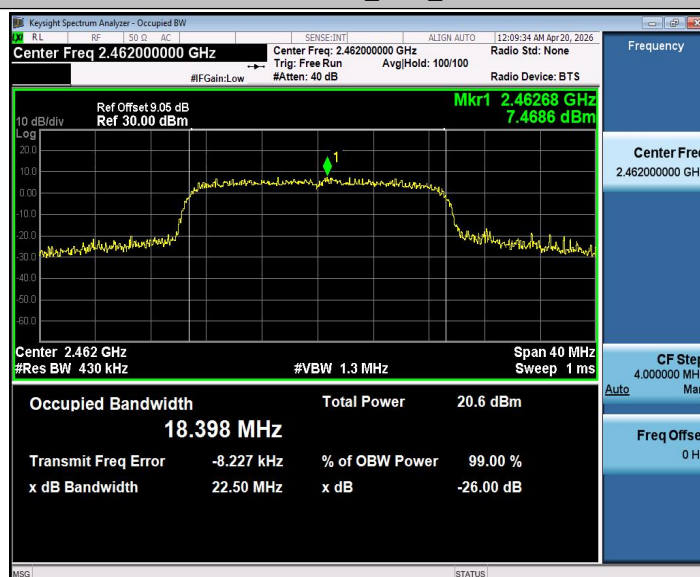
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.3: Maximum conducted output power

Test Result

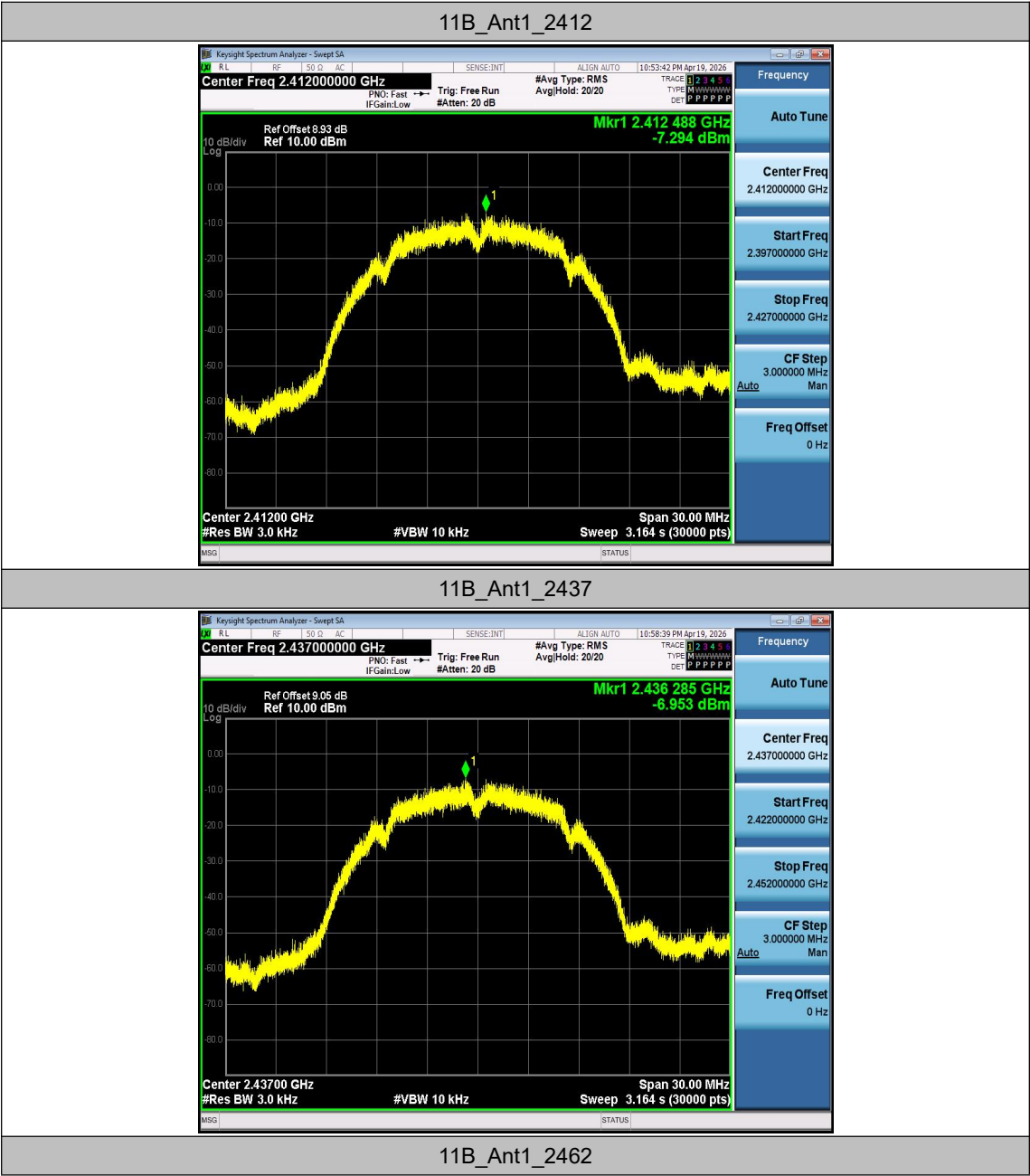
Test Mode	Antenna	Freq [MHz]	Peak power [dBm]	Limit [dBm]	Antenna Gain (dBi)	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	21.62	≤30.00	5.0	26.62	≤36	PASS
		2437	22.01	≤30.00	5.0	27.01	≤36	PASS
		2462	21.88	≤30.00	5.0	26.88	≤36	PASS
11G	Ant1	2412	21.00	≤30.00	5.0	26.00	≤36	PASS
		2437	21.42	≤30.00	5.0	26.42	≤36	PASS
		2462	21.26	≤30.00	5.0	26.26	≤36	PASS
11N20SISO	Ant1	2412	20.19	≤30.00	5.0	25.19	≤36	PASS
		2437	20.68	≤30.00	5.0	25.68	≤36	PASS
		2462	20.35	≤30.00	5.0	25.35	≤36	PASS
11N40SISO	Ant1	2422	20.37	≤30.00	5.0	25.37	≤36	PASS
		2437	20.63	≤30.00	5.0	25.63	≤36	PASS
		2452	20.20	≤30.00	5.0	25.20	≤36	PASS
11AX20SISO	Ant1	2412	21.31	≤30.00	5.0	26.31	≤36	PASS
		2437	21.99	≤30.00	5.0	26.99	≤36	PASS
		2462	21.38	≤30.00	5.0	26.38	≤36	PASS

Appendix B.4: Maximum power spectral density

Test Result

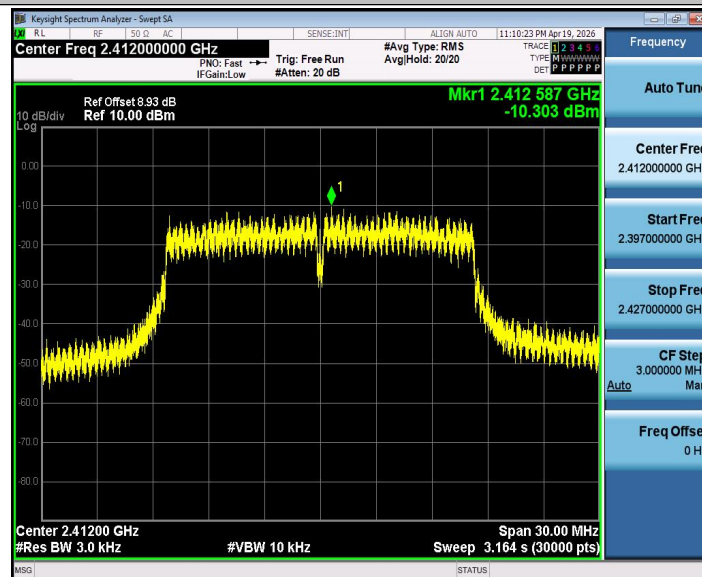
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.29	≤8.00	PASS
		2437	-6.95	≤8.00	PASS
		2462	-6.73	≤8.00	PASS
11G	Ant1	2412	-10.30	≤8.00	PASS
		2437	-9.84	≤8.00	PASS
		2462	-10.54	≤8.00	PASS
11N20SISO	Ant1	2412	-12.01	≤8.00	PASS
		2437	-11.37	≤8.00	PASS
		2462	-11.85	≤8.00	PASS
11N40SISO	Ant1	2422	-13.80	≤8.00	PASS
		2437	-14.08	≤8.00	PASS
		2452	-14.19	≤8.00	PASS
11AX20SISO	Ant1	2412	-8.57	≤8.00	PASS
		2437	-7.81	≤8.00	PASS
		2462	-8.42	≤8.00	PASS

Test Graphs

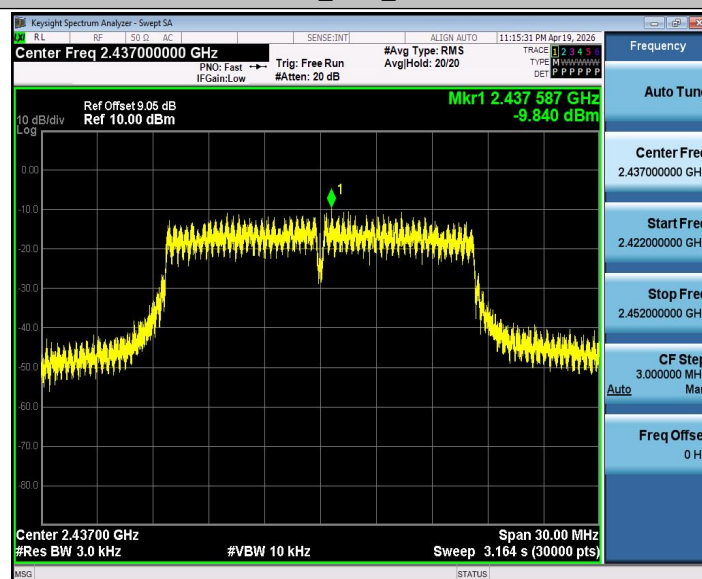




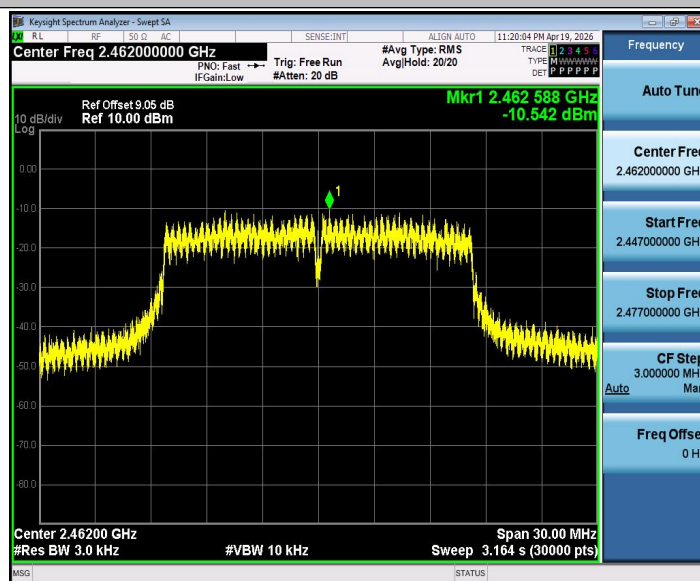
11G_Ant1_2412



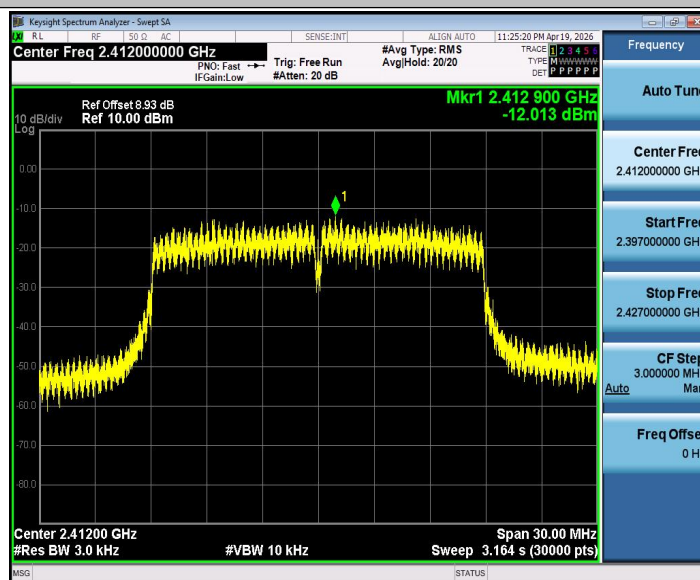
11G_Ant1_2437



11G_Ant1_2462



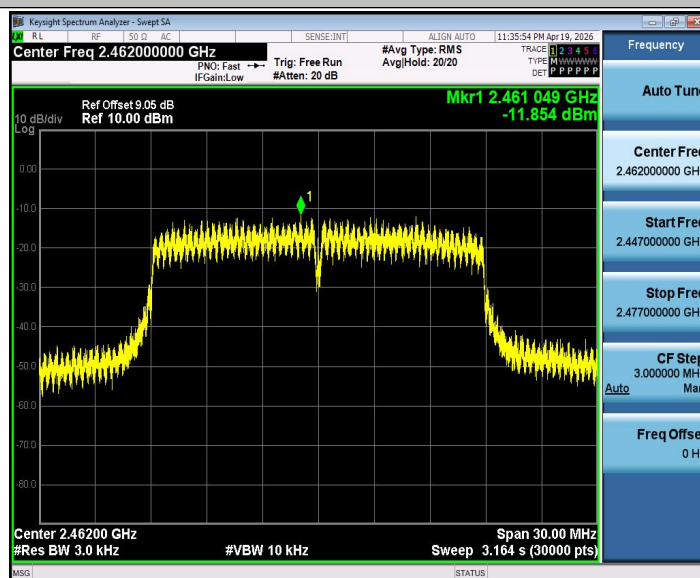
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

