

Case No. : <u>GTS20250409003-5-03</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.5.21</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.560	2408.000	2416.560	0.5	PASS
		2437	9.080	2432.480	2441.560	0.5	PASS
		2462	9.000	2457.520	2466.520	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.280	2428.880	2445.160	0.5	PASS
		2462	16.040	2453.880	2469.920	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	16.520	2453.880	2470.400	0.5	PASS
11N40SISO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.320	2433.840	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	18.840	2402.640	2421.480	0.5	PASS
		2437	18.240	2427.920	2446.160	0.5	PASS
		2462	18.480	2452.720	2471.200	0.5	PASS
11AX40SISO	Ant1	2422	37.200	2403.520	2440.720	0.5	PASS
		2437	38.000	2418.040	2456.040	0.5	PASS
		2452	37.840	2433.120	2470.960	0.5	PASS

Test Graphs

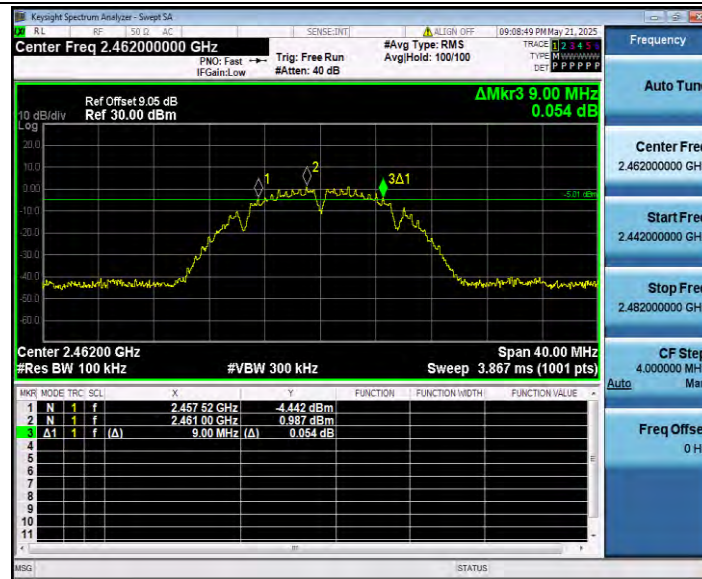
11B_Ant1_2412



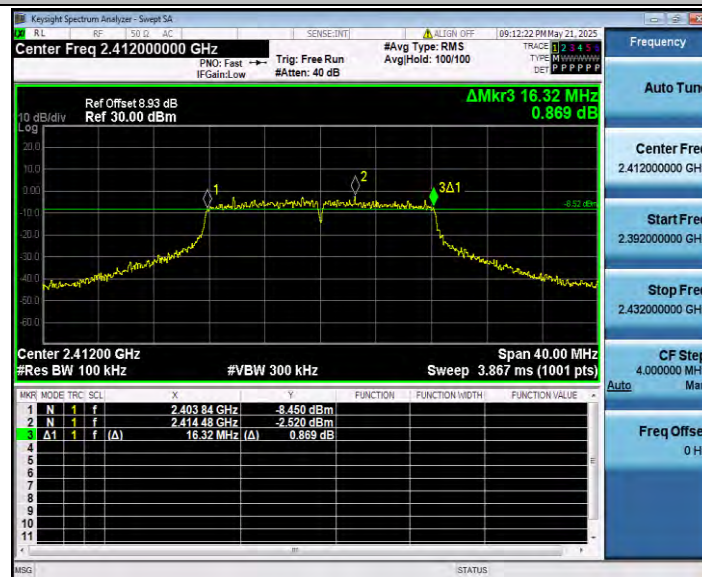
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



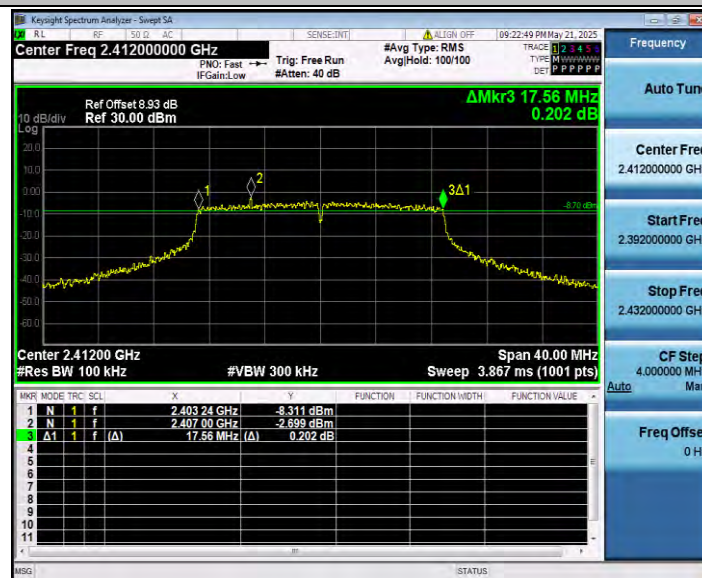
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



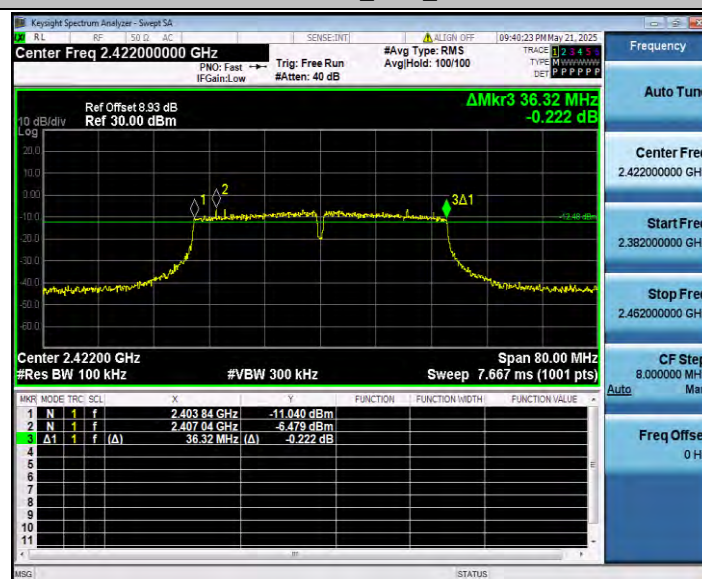
11N20SISO_Ant1_2437



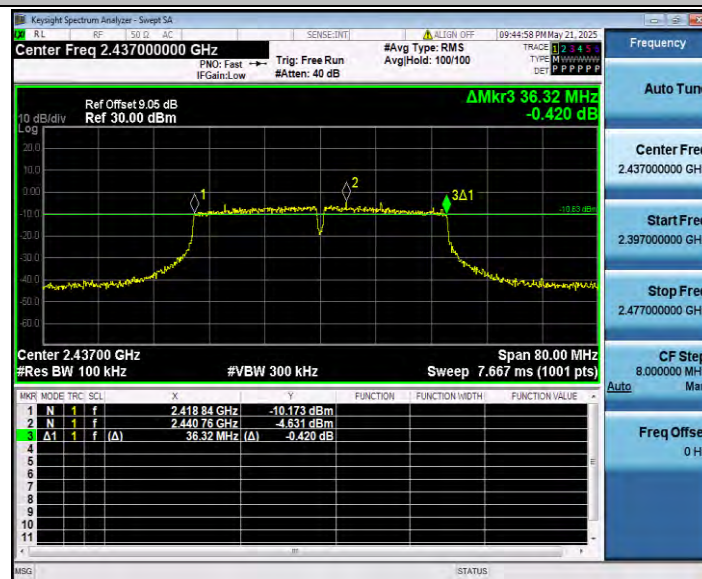
11N20SISO_Ant1_2462



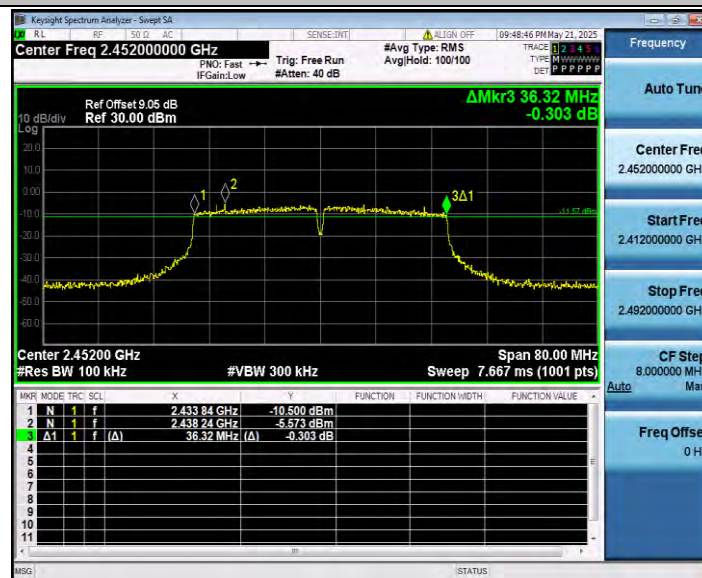
11N40SISO_Ant1_2422



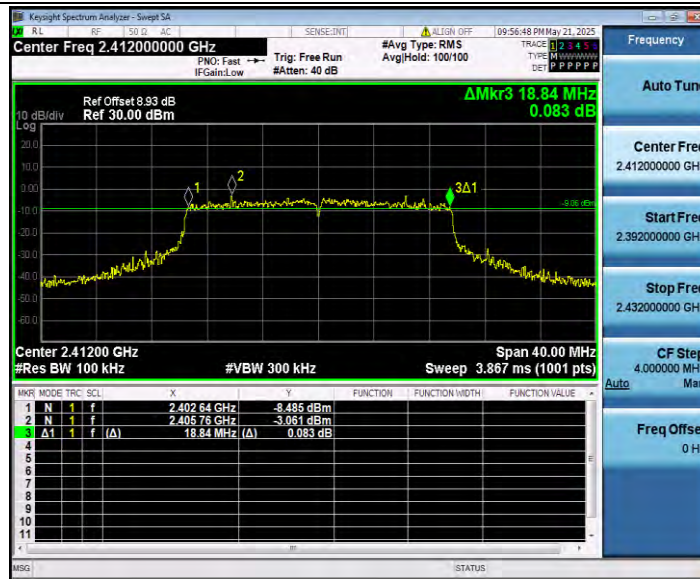
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



[illegible]

Keysight Spectrum Analyzer - Sweep SA

Center Freq 2.43700000 GHz

Ref Offset 9.05 dB
Ref 30.00 dBm

Trig: Free Run
PNO: Fast
IFGain: Low
#Atten: 40 dB

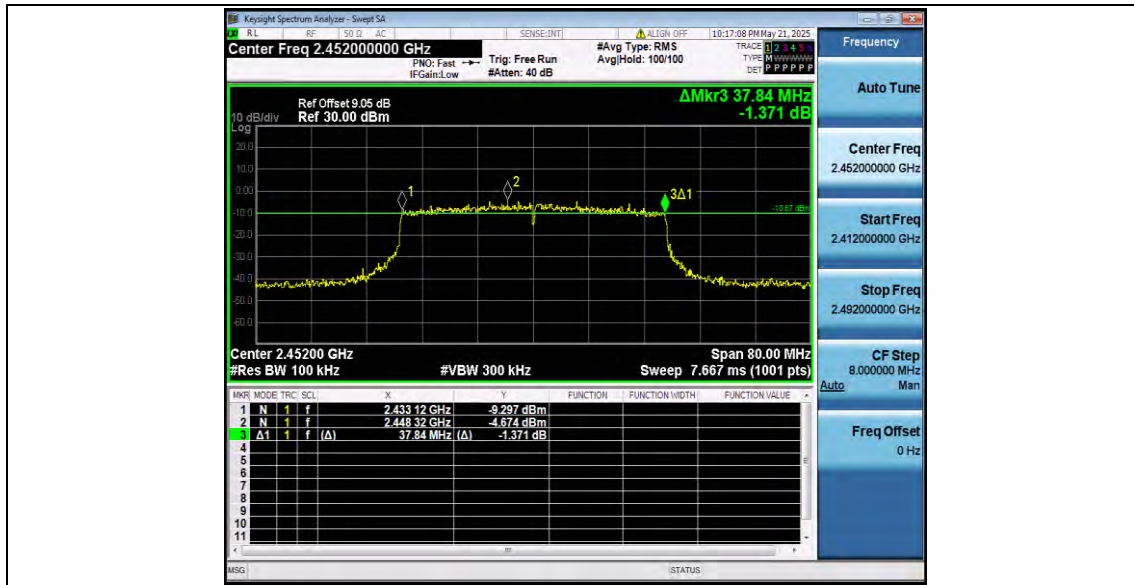
#Avg Type: RMS
Avg/Hold: 100/100

Span 80.00 MHz
Sweep 7.667 ms (1001 pts)

DMkr3 38.00 MHz
-0.360 dB

Center 2.437000 GHz
#Res BW 100 kHz
#VBW 300 kHz

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.418 04 GHz	-9.079 dBm			
2	N	1	f	2.439 56 GHz	-3.851 dBm			
3	A1	1	f (Δ)	38.00 MHz (Δ)	-0.360 dB			



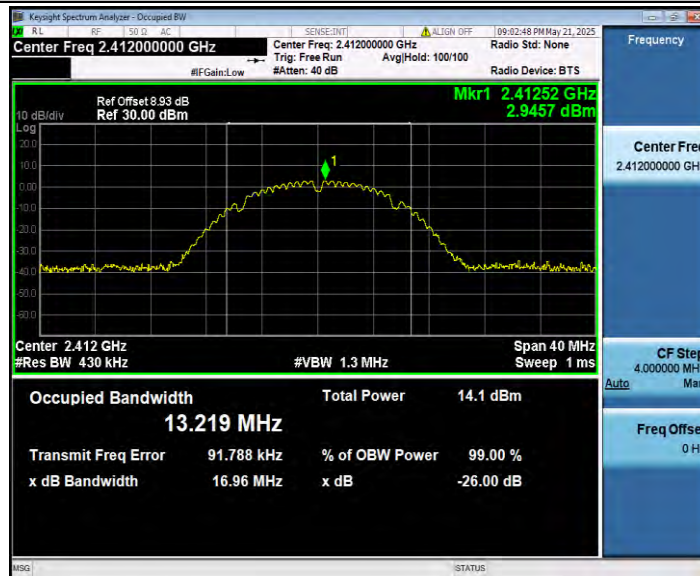
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.219	2405.4823	2418.7013	---	---
		2437	13.179	2430.4772	2443.6562	---	---
		2462	13.159	2455.4547	2468.6137	---	---
11G	Ant1	2412	17.363	2403.3615	2420.7245	---	---
		2437	17.312	2428.3762	2445.6882	---	---
		2462	17.301	2453.2773	2470.5783	---	---
11N20SISO	Ant1	2412	18.446	2402.7846	2421.2306	---	---
		2437	18.405	2427.8309	2446.2359	---	---
		2462	18.489	2452.7158	2471.2048	---	---
11N40SISO	Ant1	2422	36.746	2403.7388	2440.4848	---	---
		2437	36.713	2418.6578	2455.3708	---	---
		2452	36.639	2433.6701	2470.3091	---	---
11AX20SISO	Ant1	2412	19.224	2402.4194	2421.6434	---	---
		2437	19.194	2427.4205	2446.6145	---	---
		2462	19.220	2452.3428	2471.5628	---	---
11AX40SISO	Ant1	2422	37.981	2403.0366	2441.0176	---	---
		2437	37.971	2418.0745	2456.0455	---	---
		2452	37.992	2433.0309	2471.0229	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



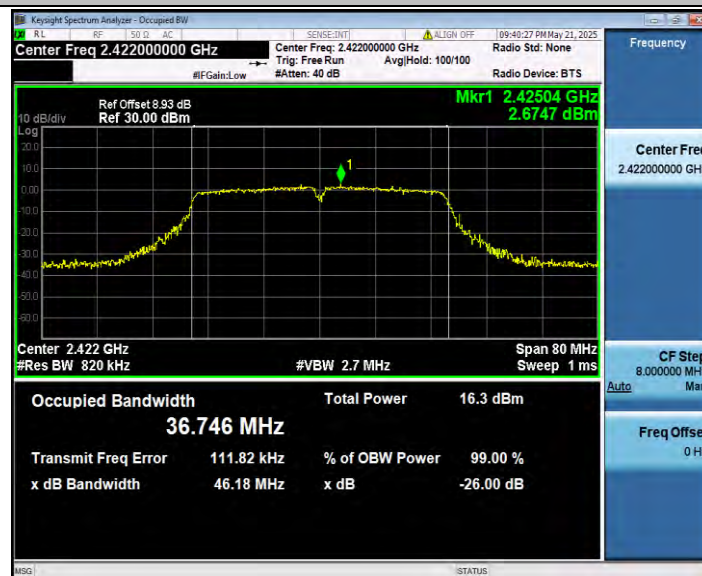
11N20SISO_Ant1_2437



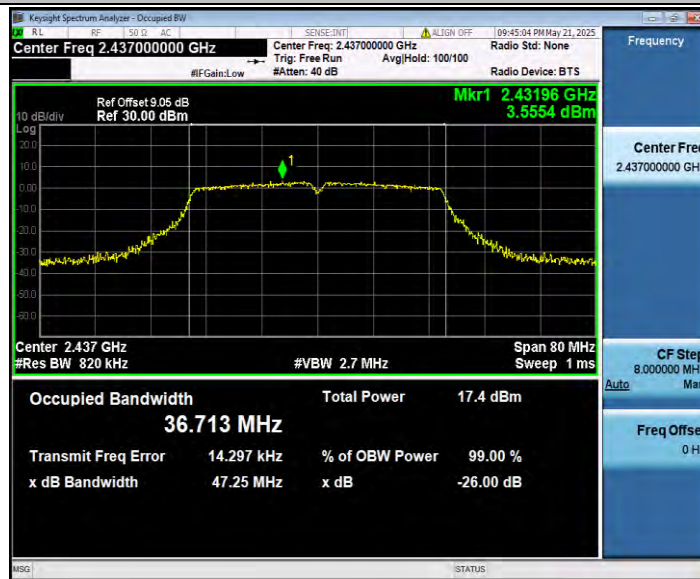
11N20SISO_Ant1_2462



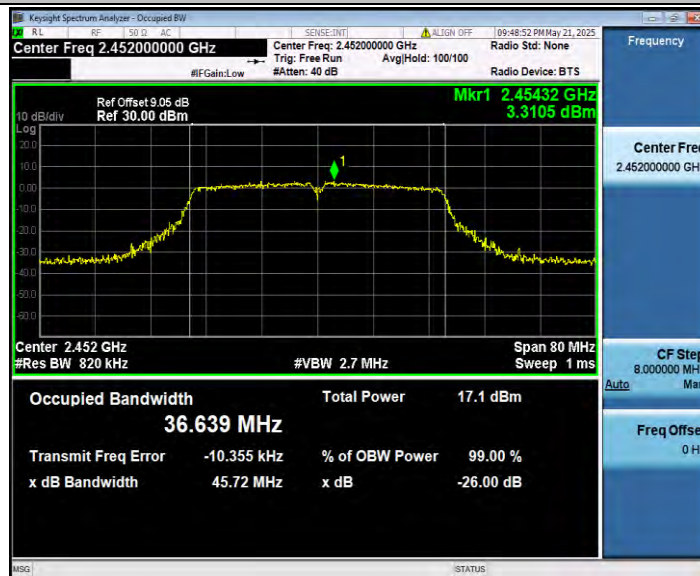
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



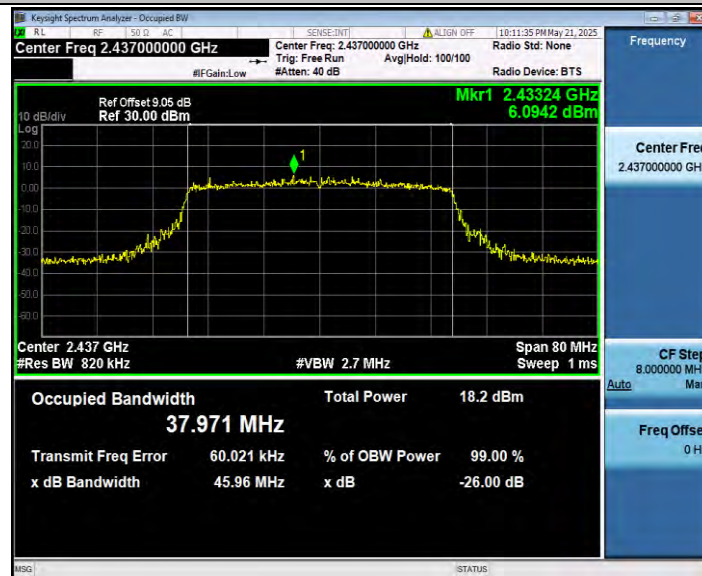
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.11	≤30.00	PASS
		2437	17.54	≤30.00	PASS
		2462	17.98	≤30.00	PASS
11G	Ant1	2412	17.56	≤30.00	PASS
		2437	17.64	≤30.00	PASS
		2462	17.28	≤30.00	PASS
11N20SISO	Ant1	2412	17.82	≤30.00	PASS
		2437	17.84	≤30.00	PASS
		2462	17.40	≤30.00	PASS
11N40SISO	Ant1	2422	17.58	≤30.00	PASS
		2437	17.74	≤30.00	PASS
		2452	17.56	≤30.00	PASS
11AX20SISO	Ant1	2412	17.09	≤30.00	PASS
		2437	17.28	≤30.00	PASS
		2462	17.89	≤30.00	PASS
11AX40SISO	Ant1	2422	17.11	≤30.00	PASS
		2437	17.29	≤30.00	PASS
		2452	17.17	≤30.00	PASS

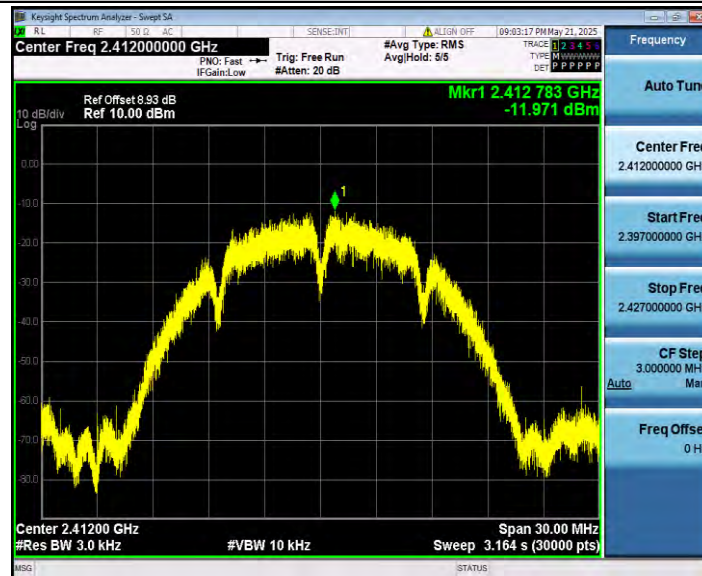
Appendix C.4: Maximum power spectral density

Test Result

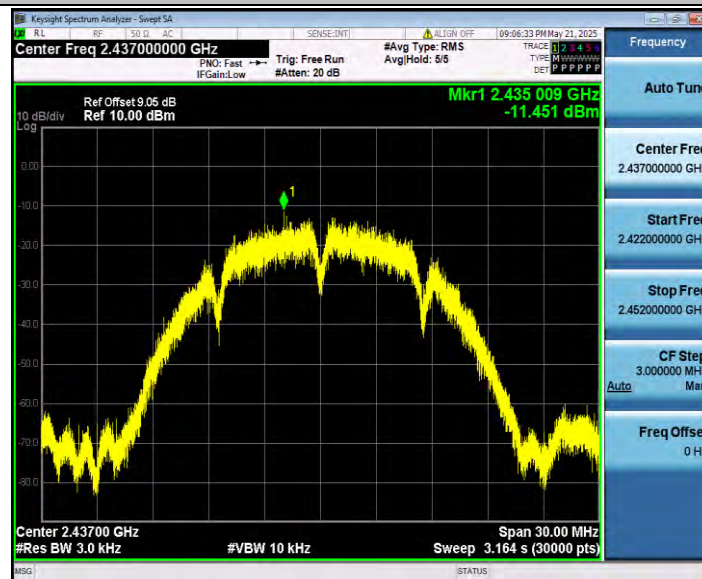
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.97	≤8.00	PASS
		2437	-11.45	≤8.00	PASS
		2462	-12.66	≤8.00	PASS
11G	Ant1	2412	-15.80	≤8.00	PASS
		2437	-14.79	≤8.00	PASS
		2462	-14.80	≤8.00	PASS
11N20SISO	Ant1	2412	-15.22	≤8.00	PASS
		2437	-14.82	≤8.00	PASS
		2462	-14.29	≤8.00	PASS
11N40SISO	Ant1	2422	-18.99	≤8.00	PASS
		2437	-17.82	≤8.00	PASS
		2452	-16.89	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.52	≤8.00	PASS
		2437	-15.99	≤8.00	PASS
		2462	-15.86	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.05	≤8.00	PASS
		2437	-18.77	≤8.00	PASS
		2452	-18.16	≤8.00	PASS

Test Graphs

11B_Ant1_2412



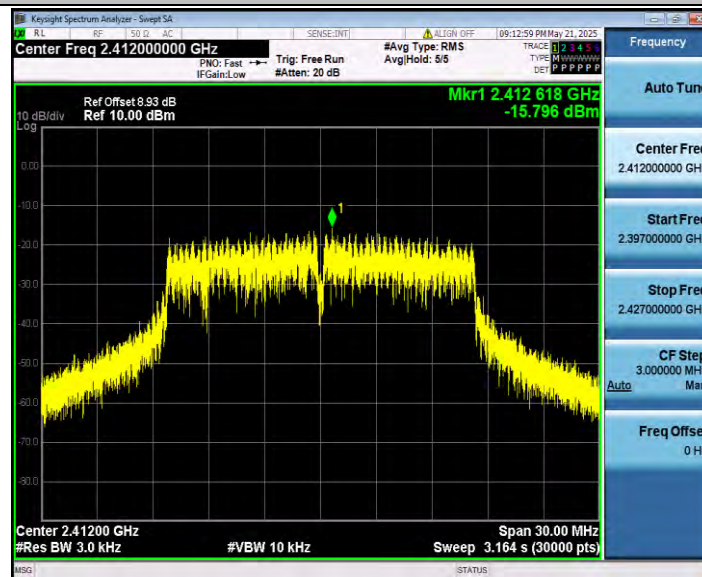
11B_Ant1_2437



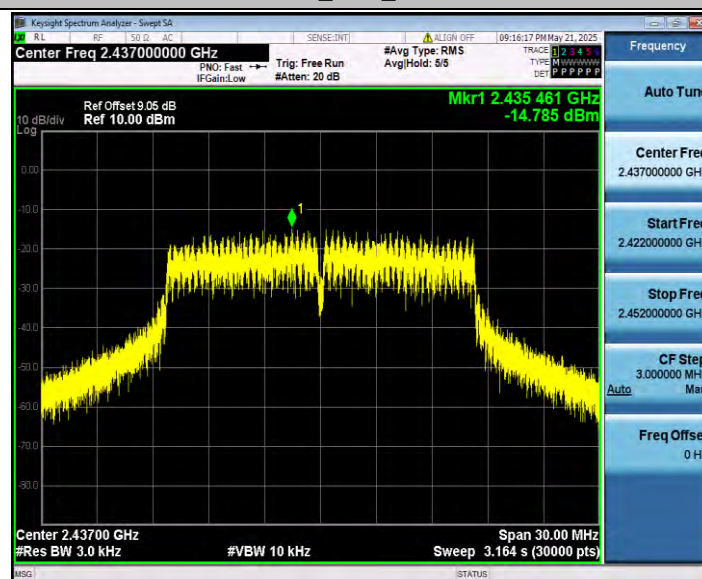
11B_Ant1_2462



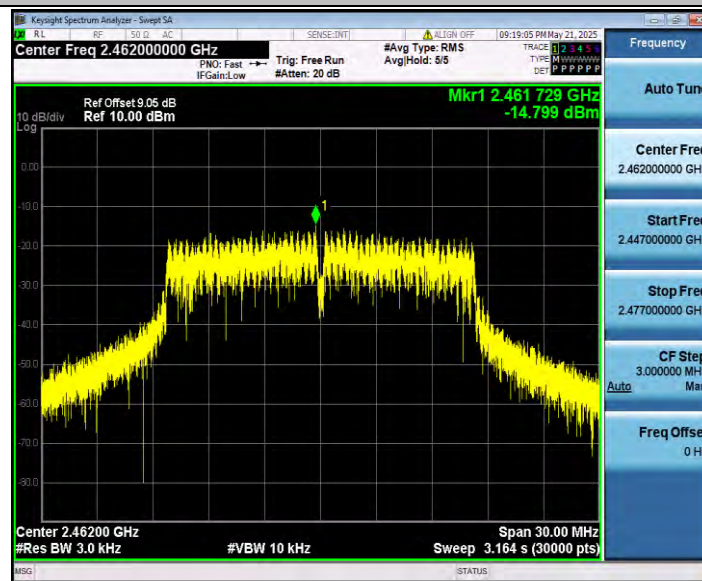
11G_Ant1_2412



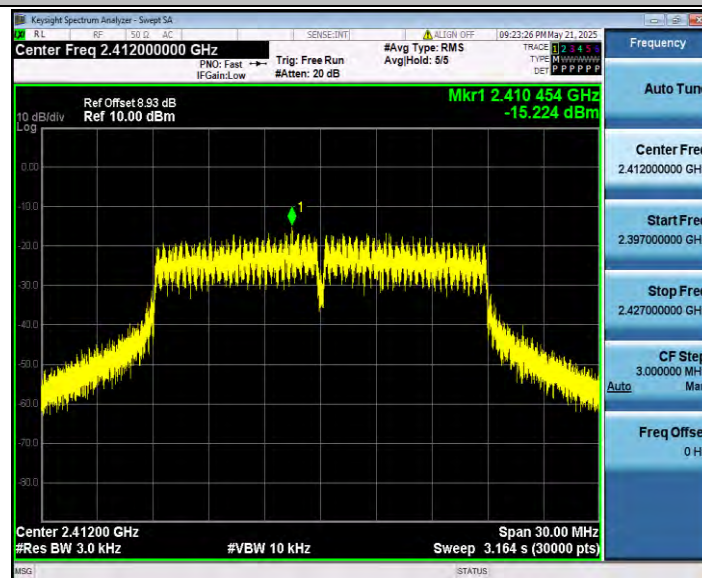
11G_Ant1_2437



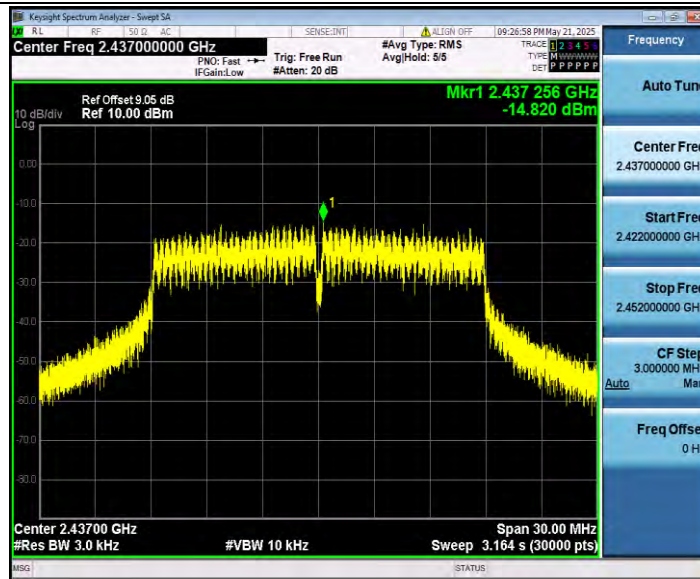
11G_Ant1_2462



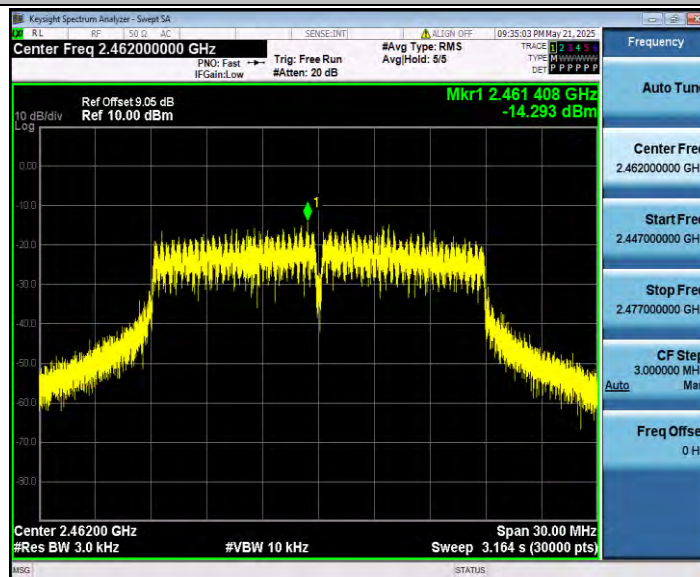
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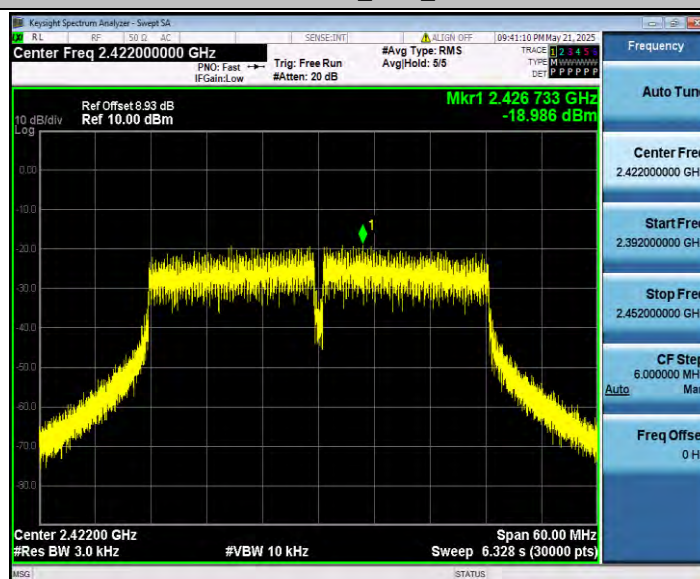
11N20SISO_Ant1_2437



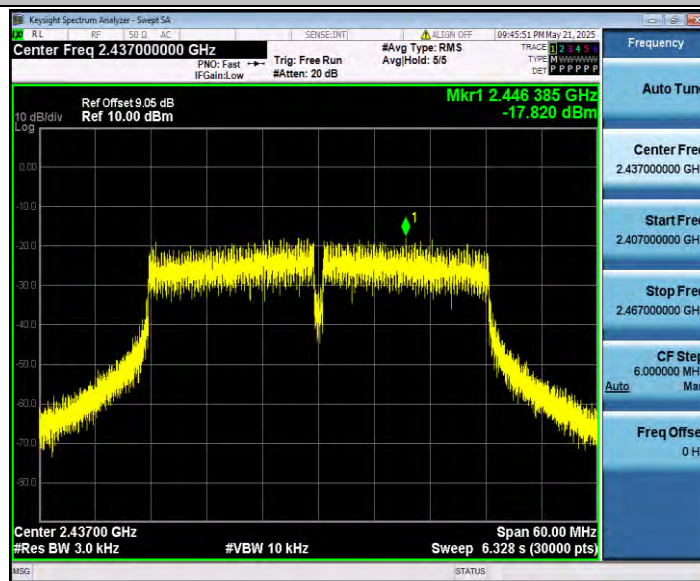
11N20SISO_Ant1_2462



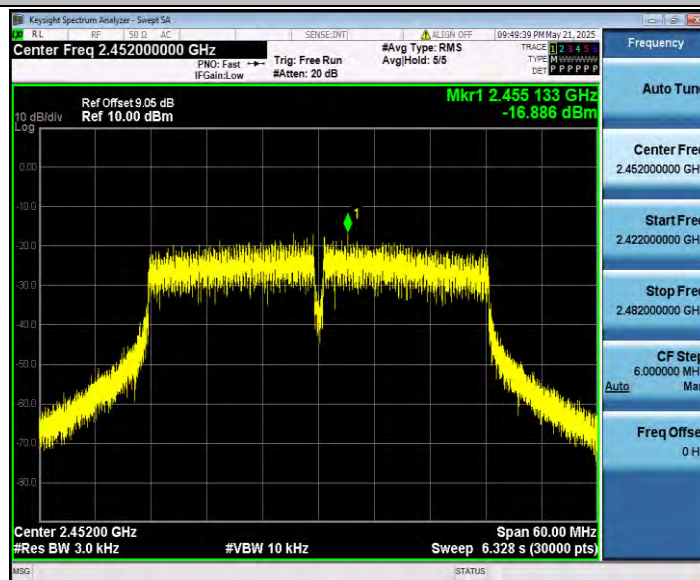
11N40SISO_Ant1_2422



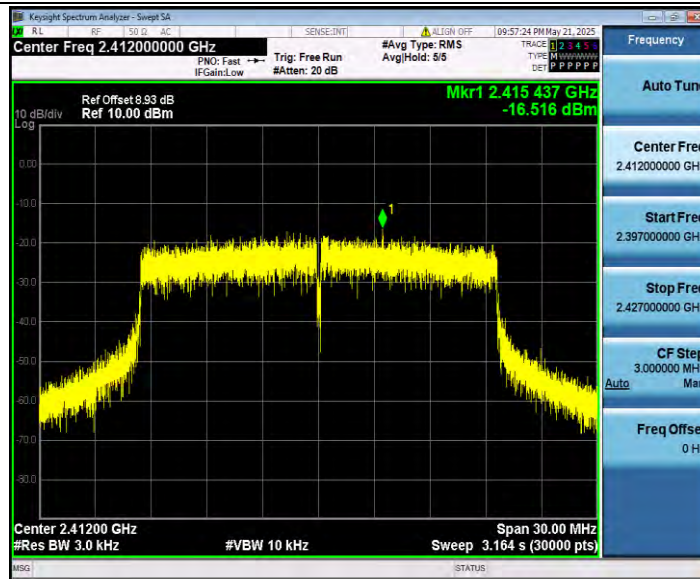
11N40SISO_Ant1_2437



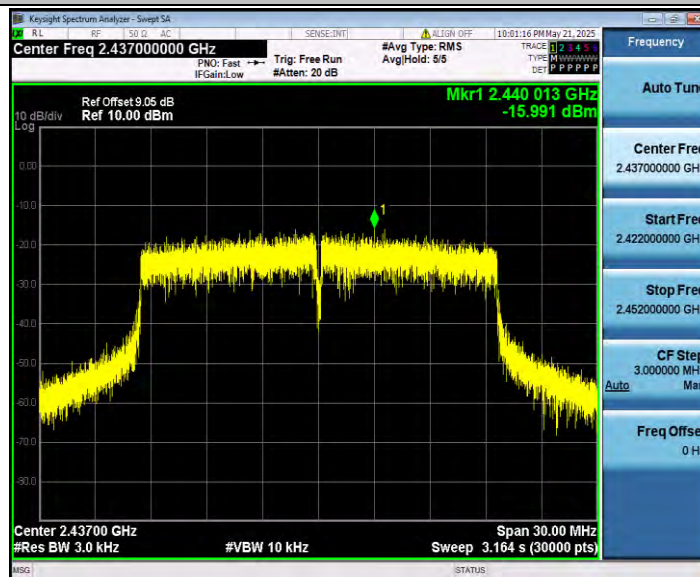
11N40SISO_Ant1_2452



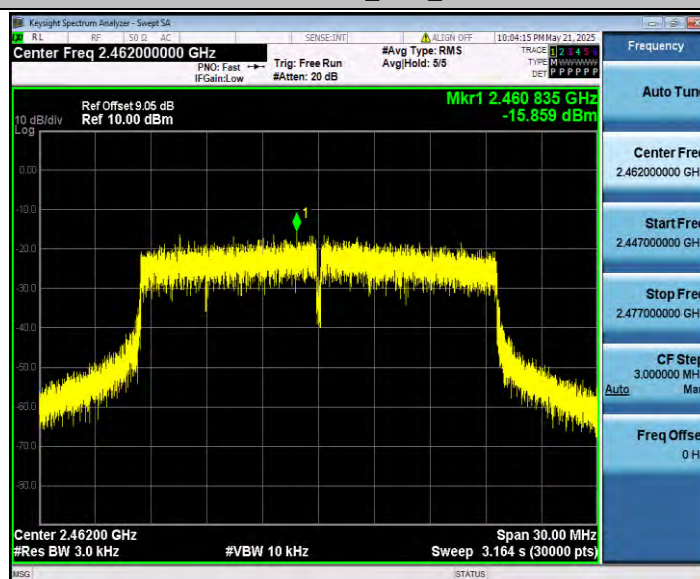
11AX20SISO_Ant1_2412



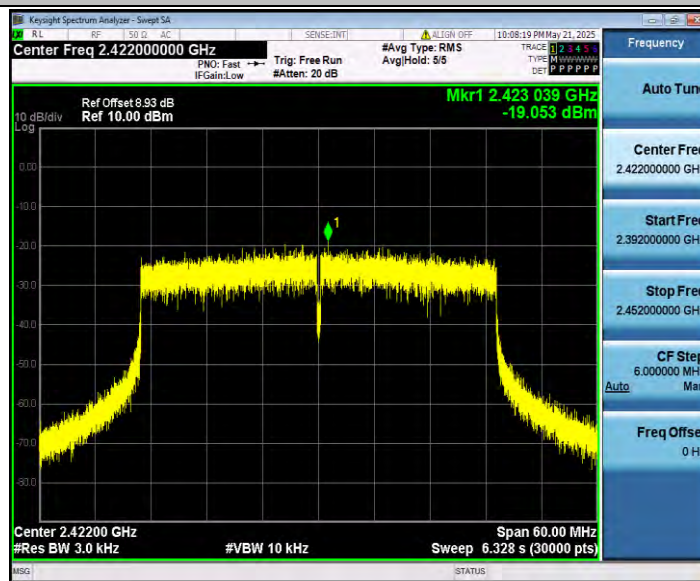
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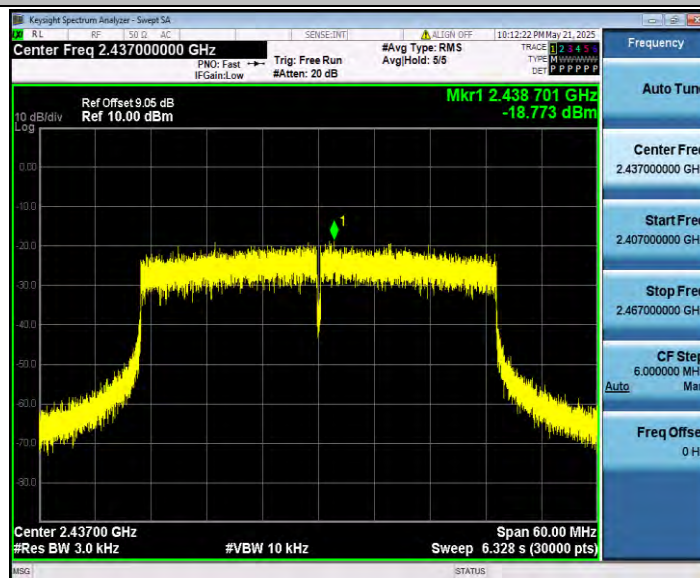
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

