

Case No. : <u>GTS20260609005-2-02</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH,	
Test Date: <u>2026.9.02-2026.10.12</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.280	2407.360	2416.640	0.5	PASS
		2437	9.240	2432.360	2441.600	0.5	PASS
		2462	9.240	2457.360	2466.600	0.5	PASS
11G	Ant1	2412	14.000	2405.040	2419.040	0.5	PASS
		2437	14.040	2429.680	2443.720	0.5	PASS
		2462	13.360	2455.280	2468.640	0.5	PASS
11N20SISO	Ant1	2412	14.680	2404.960	2419.640	0.5	PASS
		2437	14.720	2429.400	2444.120	0.5	PASS
		2462	14.240	2454.880	2469.120	0.5	PASS
11N40SISO	Ant1	2422	26.240	2408.320	2434.560	0.5	PASS
		2437	27.120	2422.520	2449.640	0.5	PASS
		2452	26.960	2437.760	2464.720	0.5	PASS
11AX20SISO	Ant1	2412	13.320	2405.200	2418.520	0.5	PASS
		2437	13.640	2429.320	2442.960	0.5	PASS
		2462	12.680	2455.280	2467.960	0.5	PASS
11AX40SISO	Ant1	2422	25.680	2409.120	2434.800	0.5	PASS
		2437	27.840	2422.360	2450.200	0.5	PASS
		2452	27.520	2437.520	2465.040	0.5	PASS

Test Graphs



11B_Ant1_2437

Keysight Spectrum Analyzer - Sweep SA

R1 RF 150.0 AC SENSE:INT

ALIGN AUTO/NO RF 07:01:41 AM Sep 29, 2026

Center Freq 2.437000000 GHz

PN0: Fast IFGain:Low Trig: Free Run #Atten: 40 dB

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

TRACE 1 2 3 4 5

TYPE M M M M M M M M M M

DET P P P P P P P P

Ref Offset 8.36 dB

Ref 30.00 dBm

ΔMkr3 9.24 MHz

-0.222 dB



10 dB/div

20.0

10.0

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

Center 2.43700 GHz

#Res BW 430 kHz

#VBW 1.3 MHz

Span 40.00 MHz

Sweep 1.000 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION (WIDTH)	FUNCTION VALUE
1	N	1	f	2.43236 GHz	-4.234 dBm			
2	N	1	f	2.43776 GHz	1.459 dBm			
Δ1	1	f	(Δ)	9.24 MHz (Δ)	-0.222 dB			

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



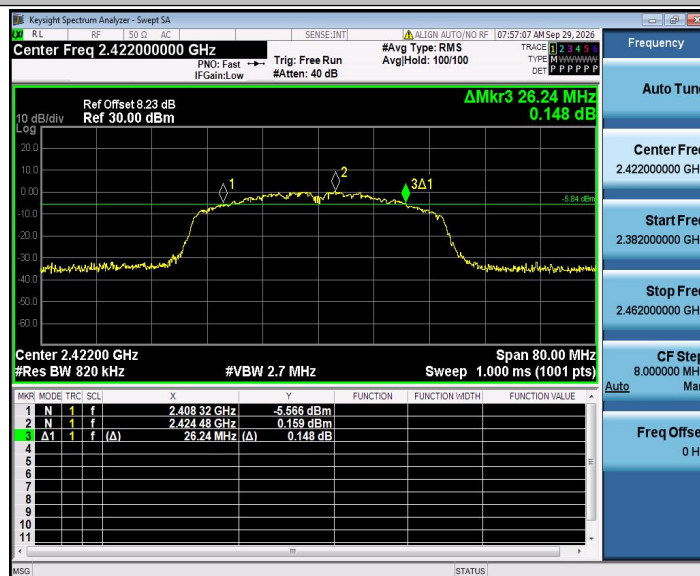
11N20SISO_Ant1_2437



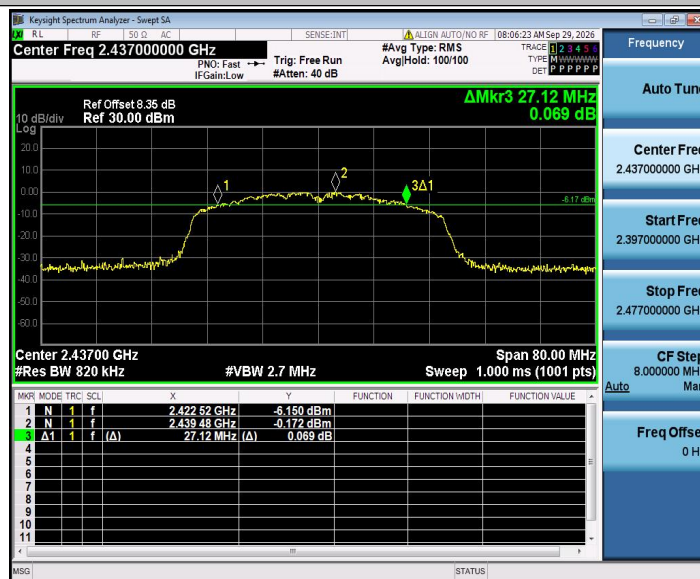
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



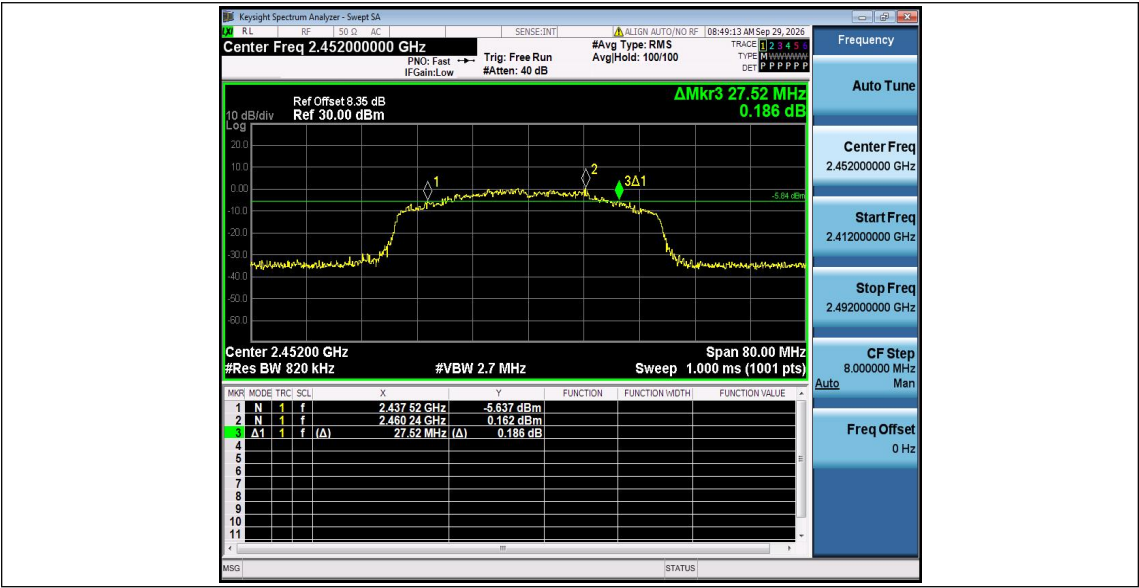
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

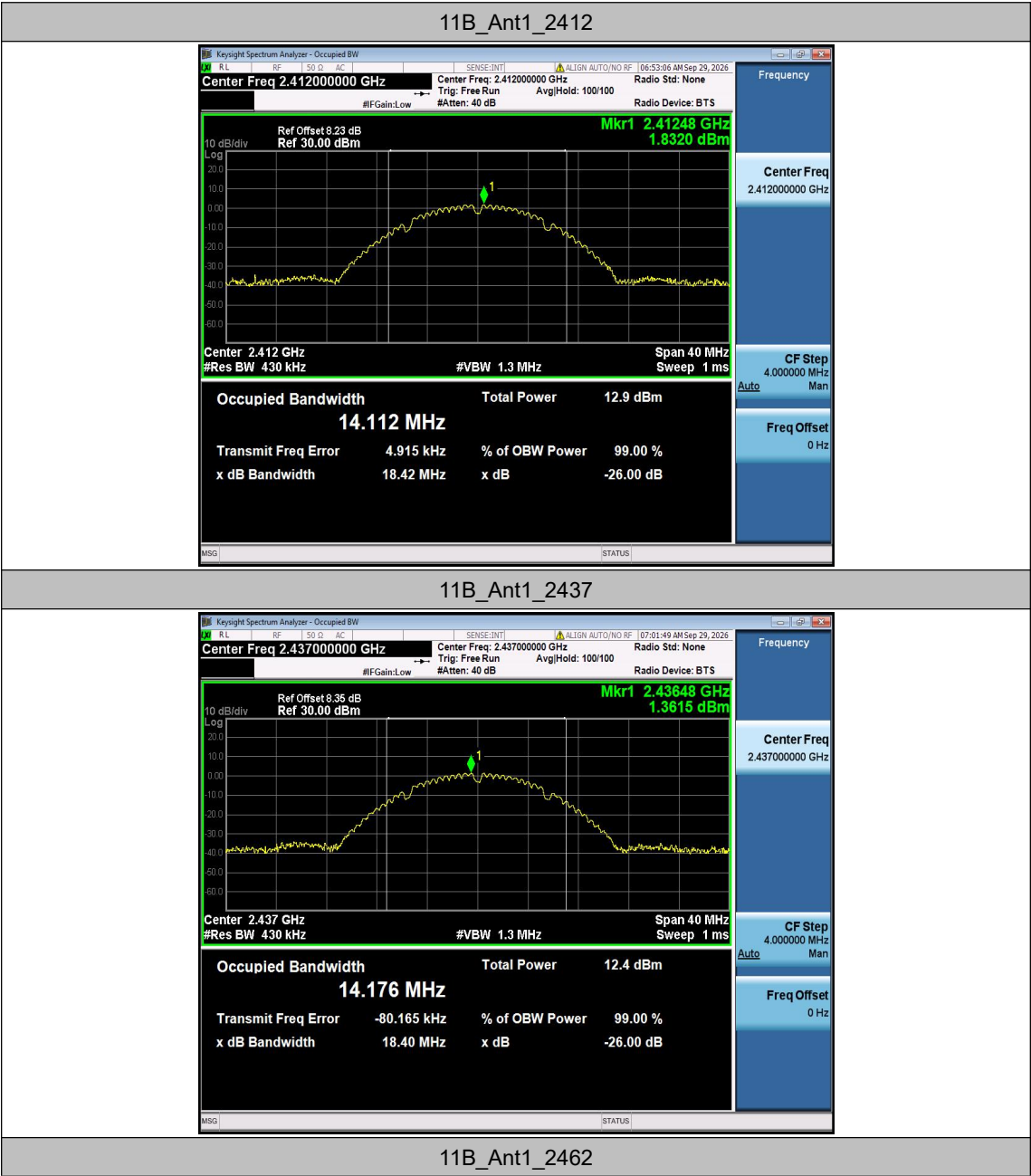


Appendix B.2: Occupied Channel Bandwidth

Test Result

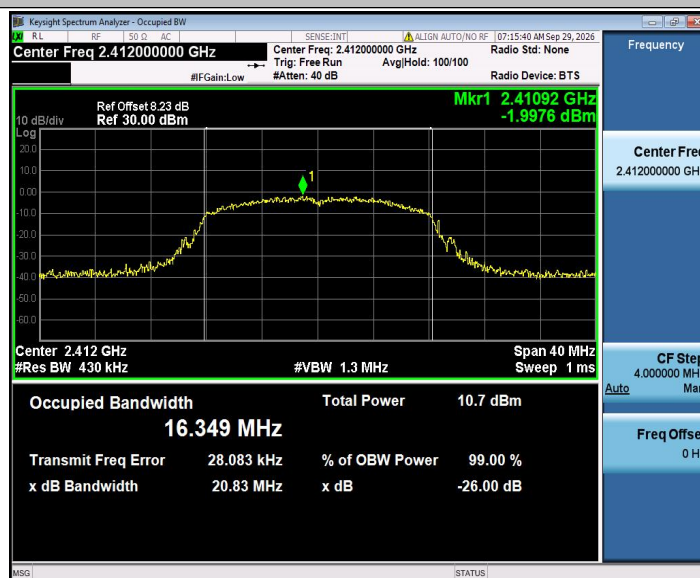
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.112	2404.9489	2419.0609	---	---
		2437	14.176	2429.8318	2444.0078	---	---
		2462	14.124	2454.8870	2469.0110	---	---
11G	Ant1	2412	16.349	2403.8536	2420.2026	---	---
		2437	16.553	2428.7659	2445.3189	---	---
		2462	16.517	2453.7267	2470.2437	---	---
11N20SISO	Ant1	2412	17.953	2403.0339	2420.9869	---	---
		2437	17.962	2427.9772	2445.9392	---	---
		2462	17.895	2453.0058	2470.9008	---	---
11N40SISO	Ant1	2422	34.658	2404.6804	2439.3384	---	---
		2437	34.860	2419.5542	2454.4142	---	---
		2452	34.839	2434.5723	2469.4113	---	---
11AX20SISO	Ant1	2412	18.409	2402.8404	2421.2494	---	---
		2437	18.506	2427.7363	2446.2423	---	---
		2462	18.429	2452.7788	2471.2078	---	---
11AX40SISO	Ant1	2422	35.934	2404.0313	2439.9653	---	---
		2437	36.206	2418.8009	2455.0069	---	---
		2452	36.195	2433.8358	2470.0308	---	---

Test Graphs





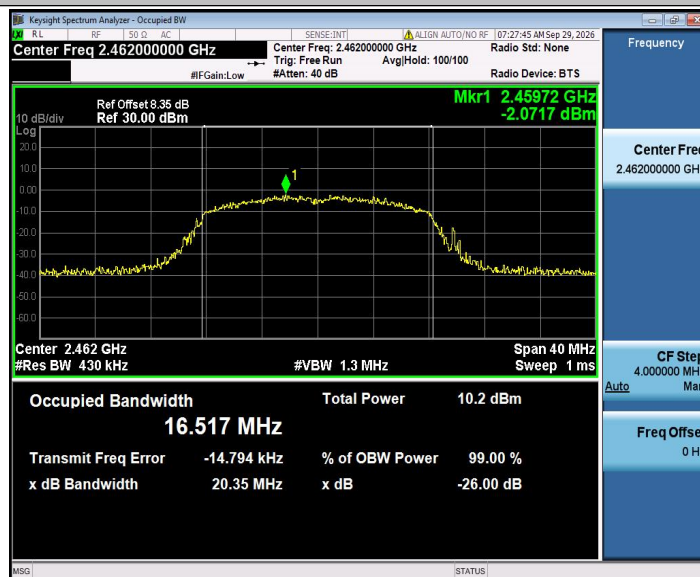
11G_Ant1_2412



11G_Ant1_2437



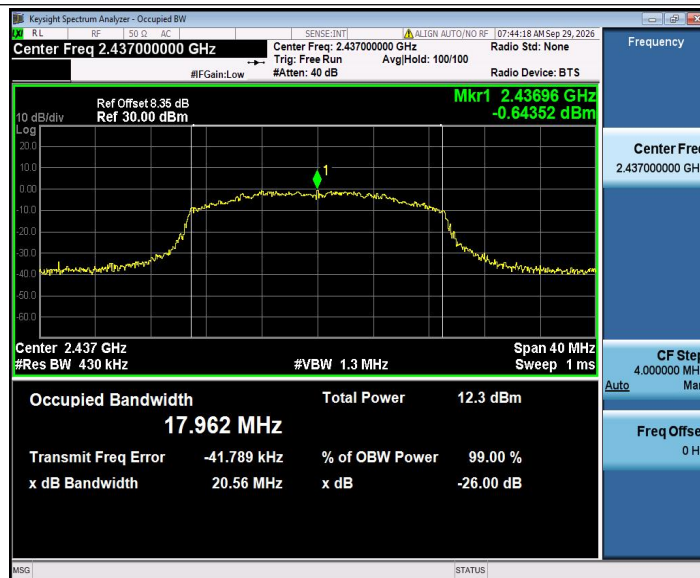
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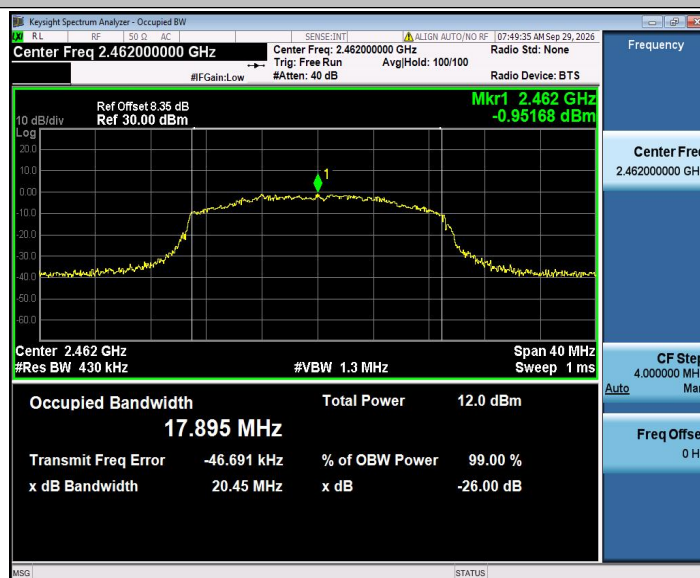
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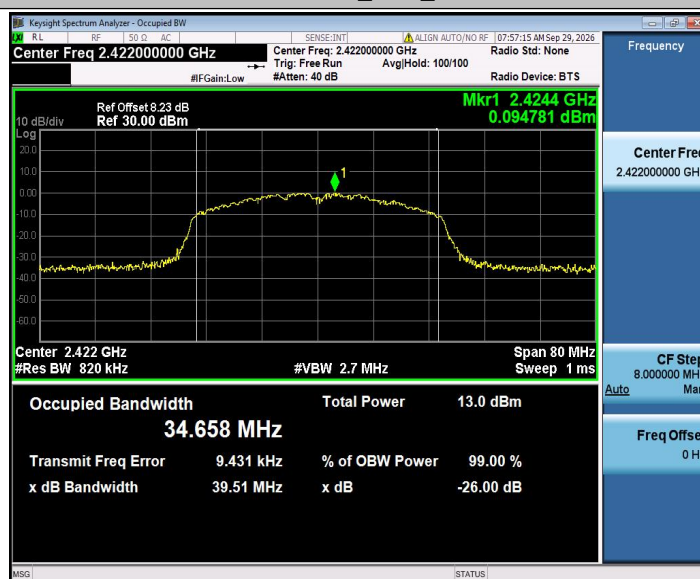
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11N20SISO_Ant1_2462



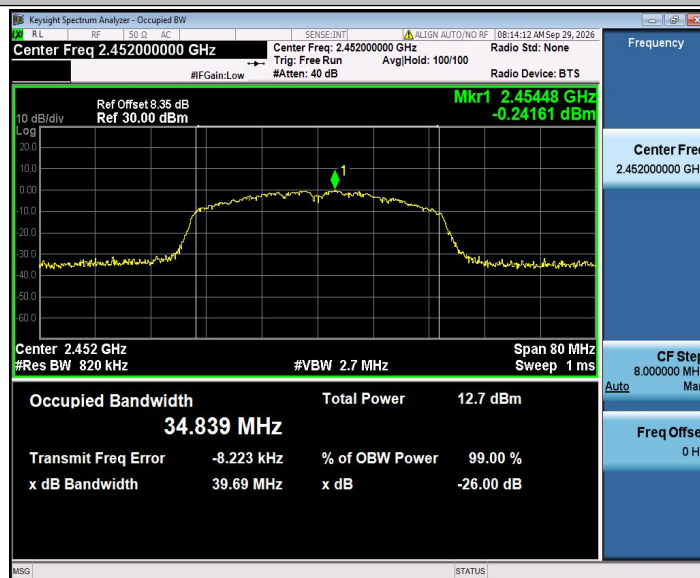
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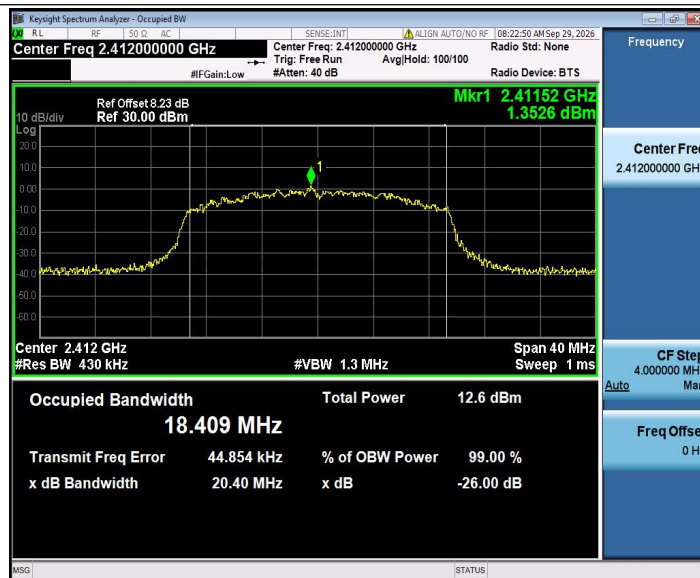
11N40SISO_Ant1_2437



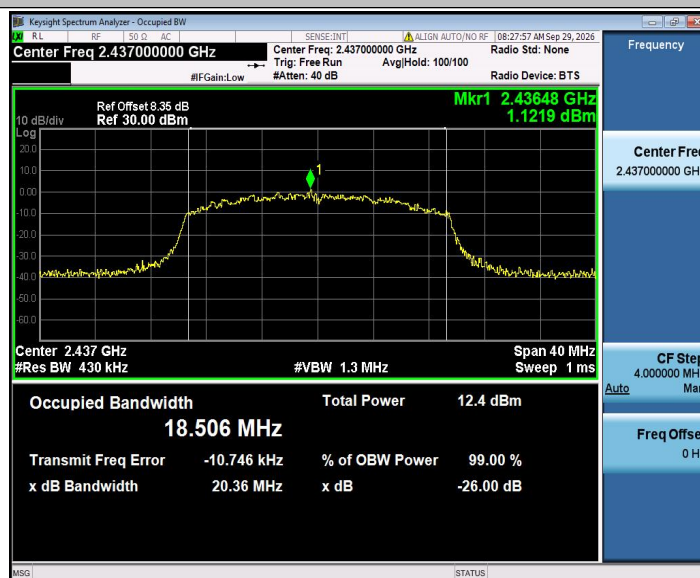
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462

