

Case No. : <u>GTS20250106018-3-03</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.1.22</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

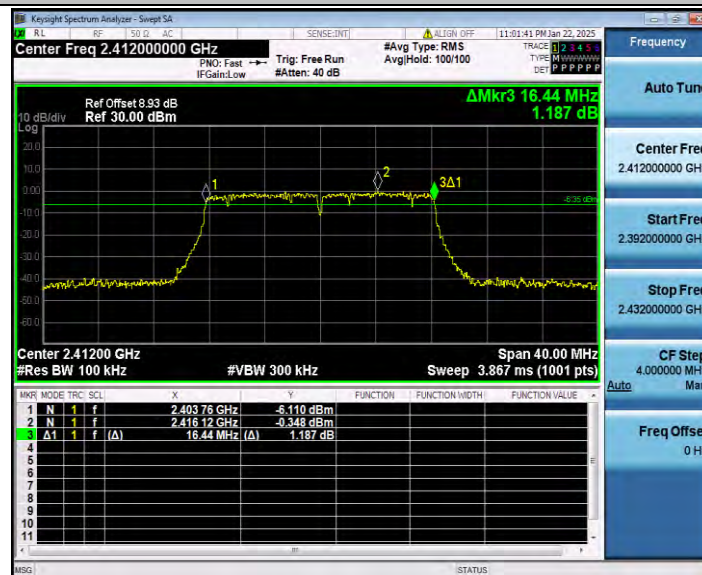
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.080	2406.920	2418.000	0.5	PASS
		2437	11.080	2431.920	2443.000	0.5	PASS
		2462	10.120	2456.920	2467.040	0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	0.5	PASS
		2437	16.440	2428.760	2445.200	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.720	2403.160	2420.880	0.5	PASS
		2437	17.680	2428.160	2445.840	0.5	PASS
		2462	17.680	2453.160	2470.840	0.5	PASS
11N40SISO	Ant1	2422	34.640	2405.280	2439.920	0.5	PASS
		2437	36.480	2418.760	2455.240	0.5	PASS
		2452	36.480	2433.760	2470.240	0.5	PASS
11AX20SISO	Ant1	2412	17.400	2403.400	2420.800	0.5	PASS
		2437	18.880	2427.560	2446.440	0.5	PASS
		2462	18.920	2452.560	2471.480	0.5	PASS
11AX40SISO	Ant1	2422	33.680	2406.000	2439.680	0.5	PASS
		2437	38.000	2417.960	2455.960	0.5	PASS
		2452	38.080	2432.960	2471.040	0.5	PASS

Test Graphs

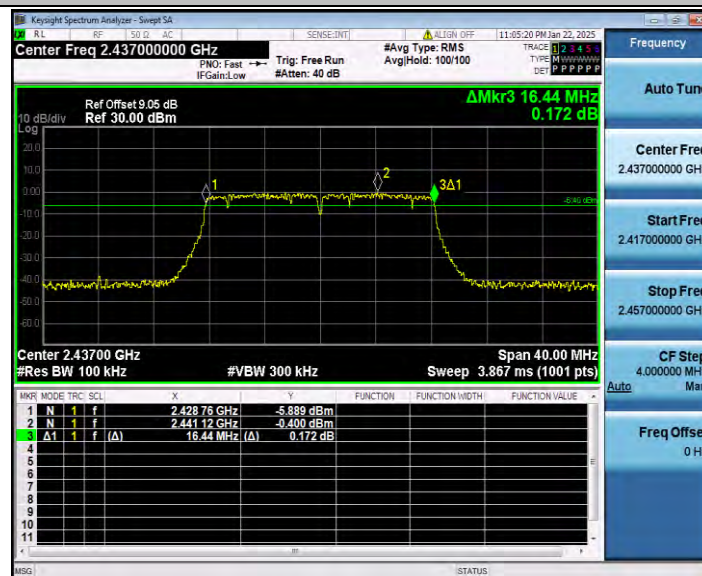




11G_Ant1_2412



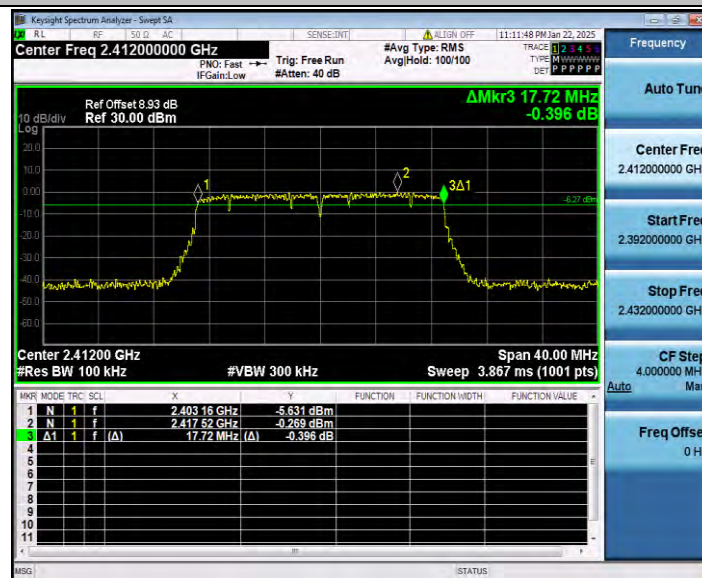
11G_Ant1_2437



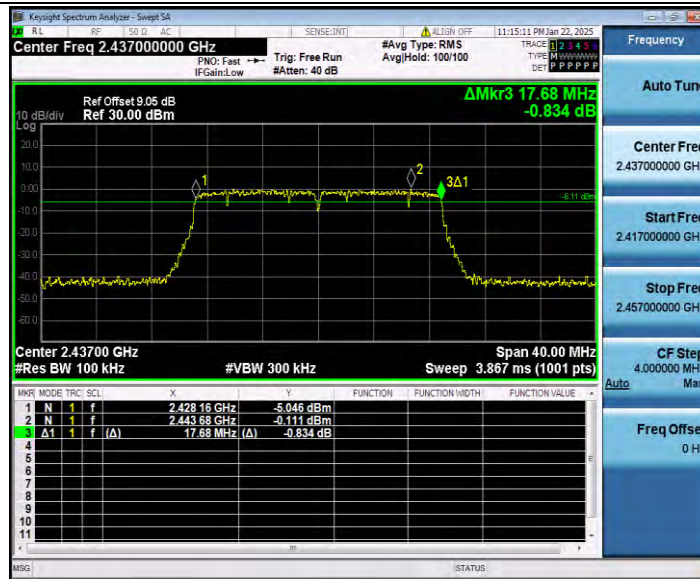
11G_Ant1_2462



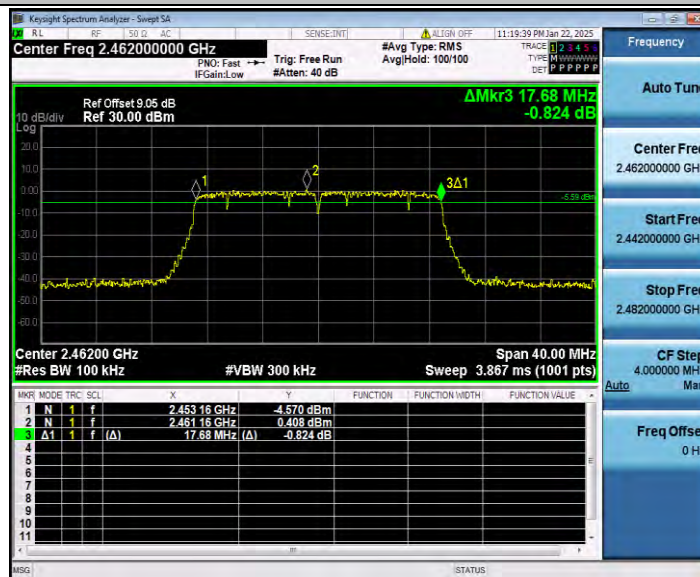
11N20SISO_Ant1_2412



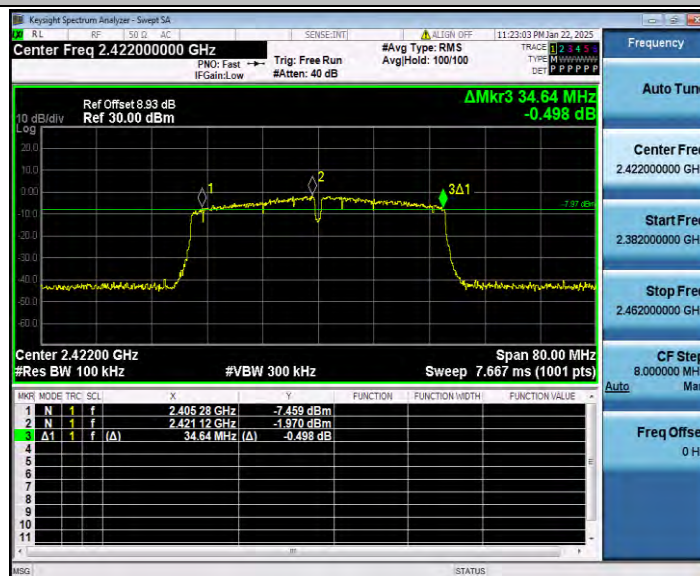
11N20SISO_Ant1_2437



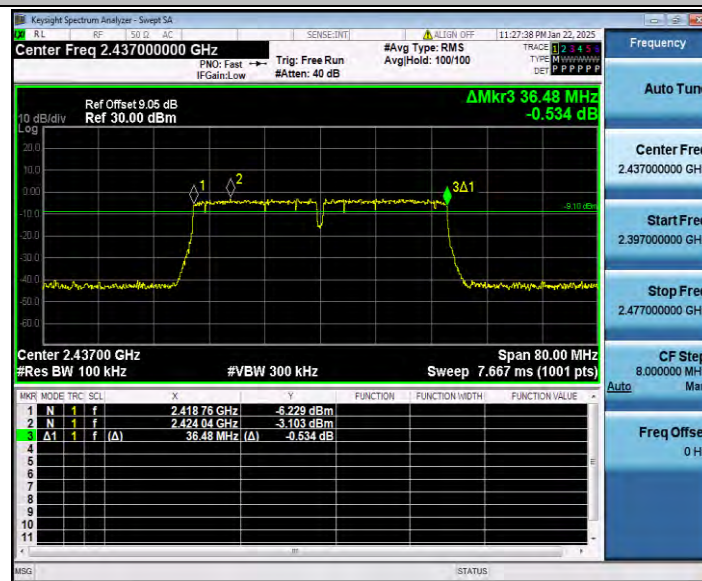
11N20SISO_Ant1_2462



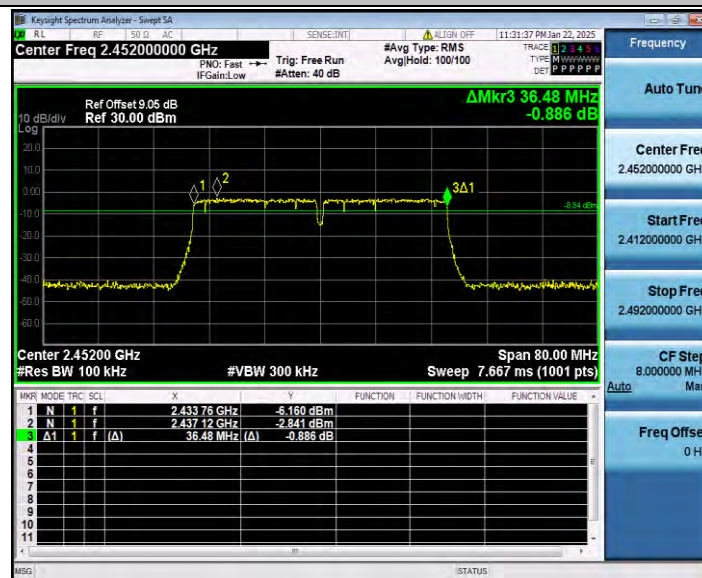
11N40SISO_Ant1_2422



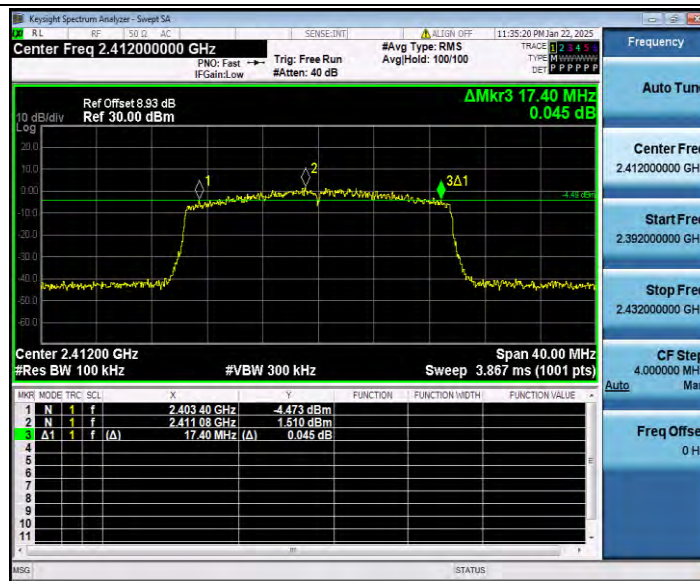
11N40SISO_Ant1_2437



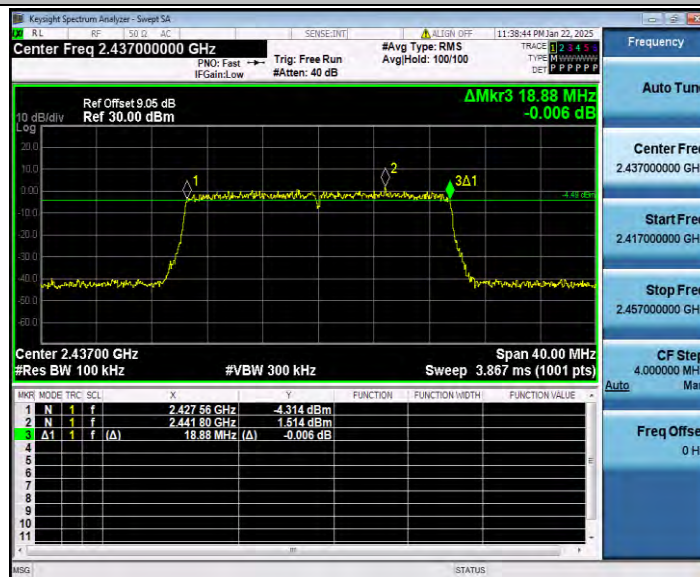
11N40SISO_Ant1_2452



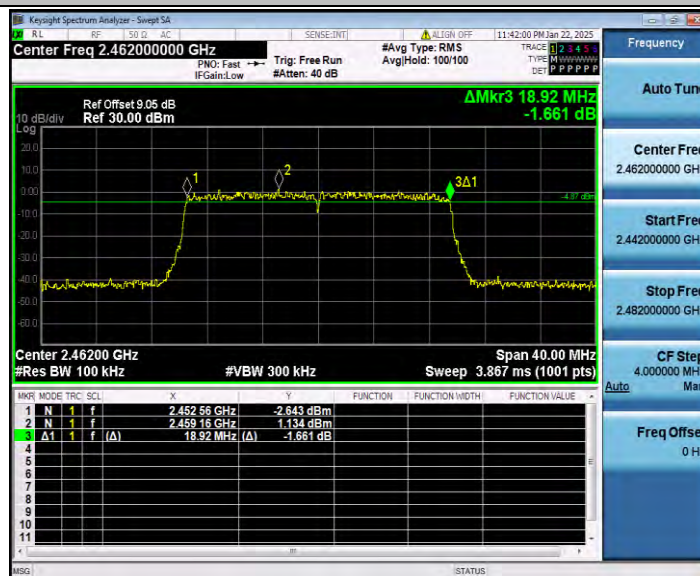
11AX20SISO_Ant1_2412



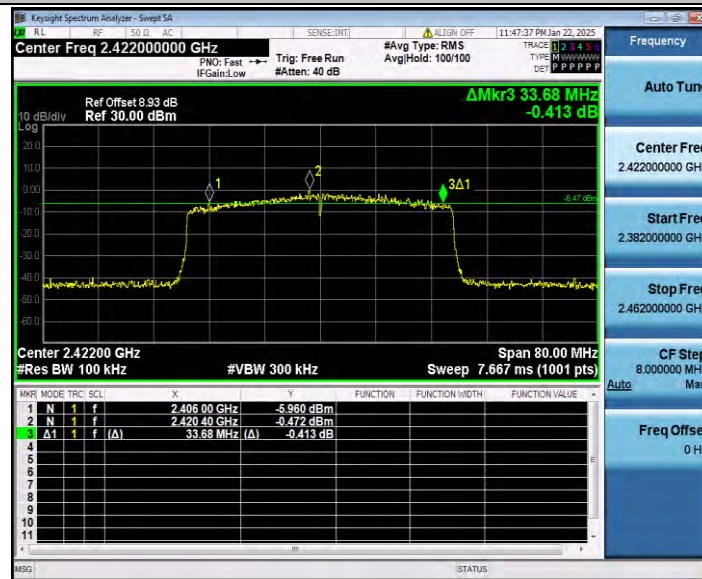
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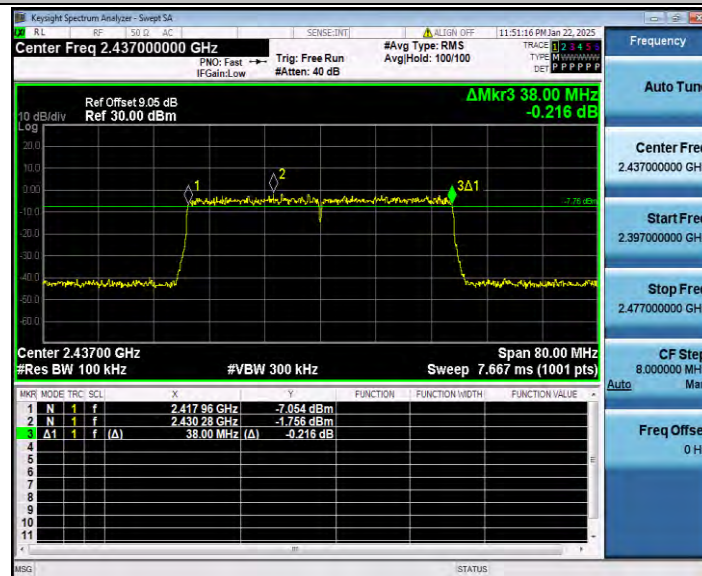
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

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	14.974	2404.4968	2419.4708	---	---
		2437	14.977	2429.5395	2444.5165	---	---
		2462	14.959	2454.5011	2469.4601	---	---
11G	Ant1	2412	16.519	2403.7499	2420.2689	---	---
		2437	16.492	2428.7198	2445.2118	---	---
		2462	16.471	2453.7538	2470.2248	---	---
11N20SISO	Ant1	2412	17.631	2403.2109	2420.8419	---	---
		2437	17.626	2428.1822	2445.8082	---	---
		2462	17.612	2453.1793	2470.7913	---	---
11N40SISO	Ant1	2422	35.631	2404.2956	2439.9266	---	---
		2437	36.209	2418.9075	2455.1165	---	---
		2452	36.283	2433.8660	2470.1490	---	---
11AX20SISO	Ant1	2412	18.660	2402.6737	2421.3337	---	---
		2437	18.946	2427.5426	2446.4886	---	---
		2462	18.994	2452.4905	2471.4845	---	---
11AX40SISO	Ant1	2422	37.390	2403.4208	2440.8108	---	---
		2437	37.795	2418.1195	2455.9145	---	---
		2452	37.919	2433.0437	2470.9627	---	---

Test Graphs

11B_Ant1_2412



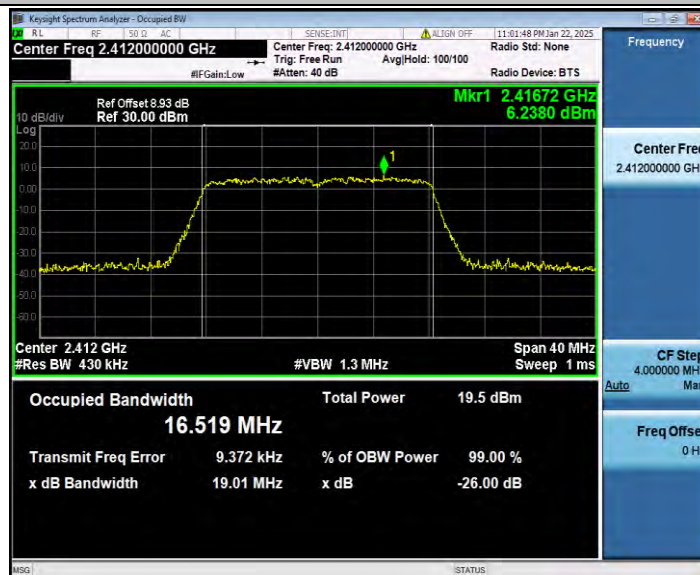
11B_Ant1_2437



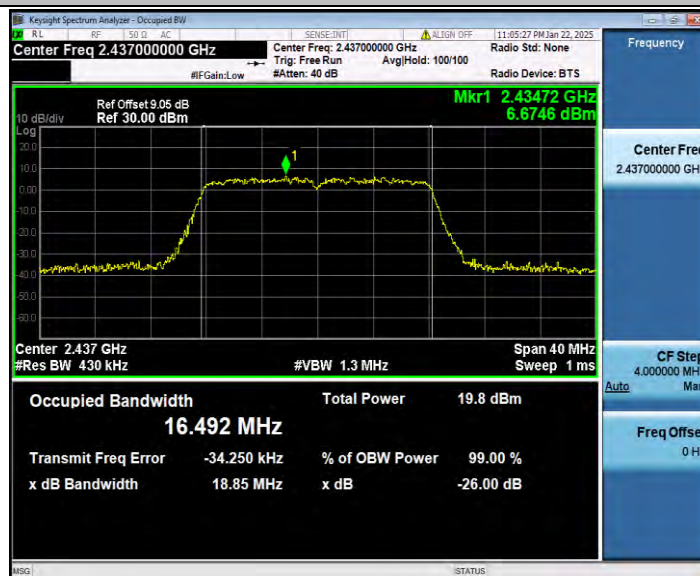
11B_Ant1_2462



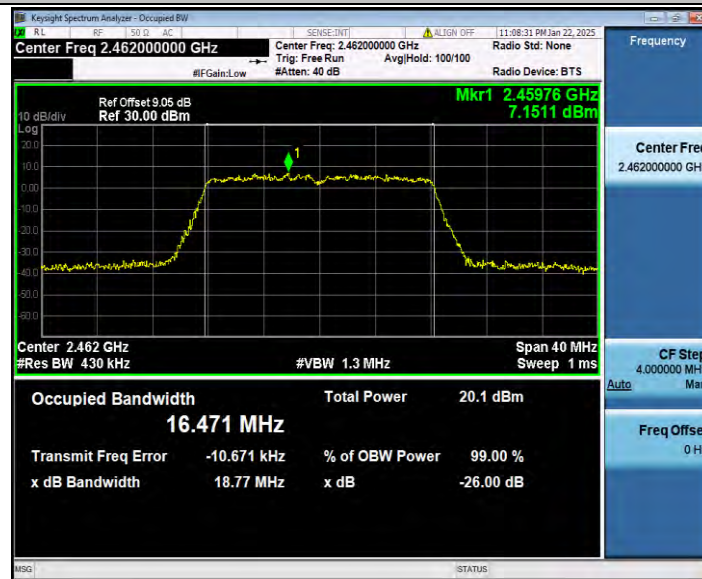
11G_Ant1_2412



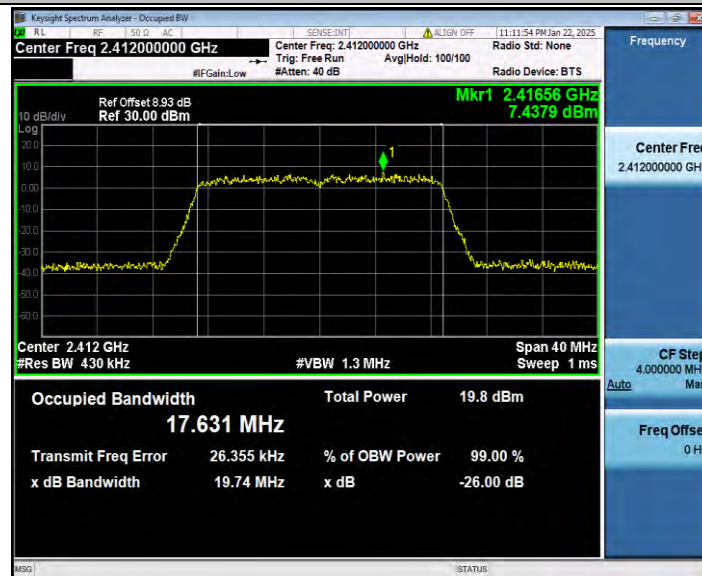
11G_Ant1_2437



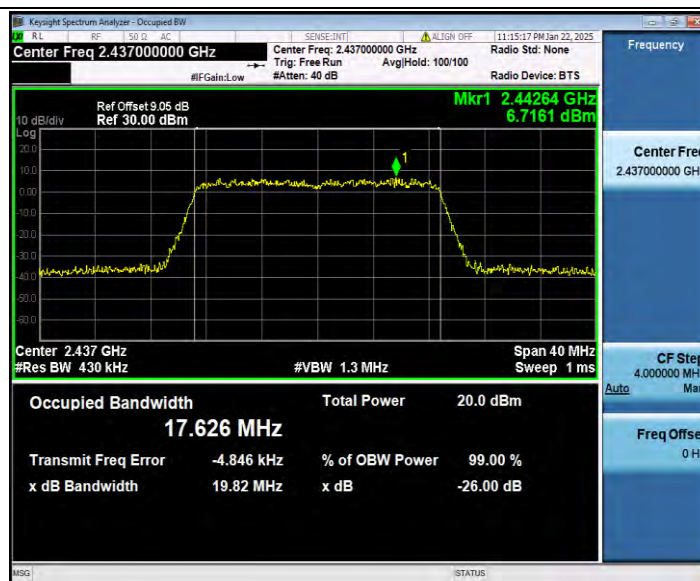
11G_Ant1_2462



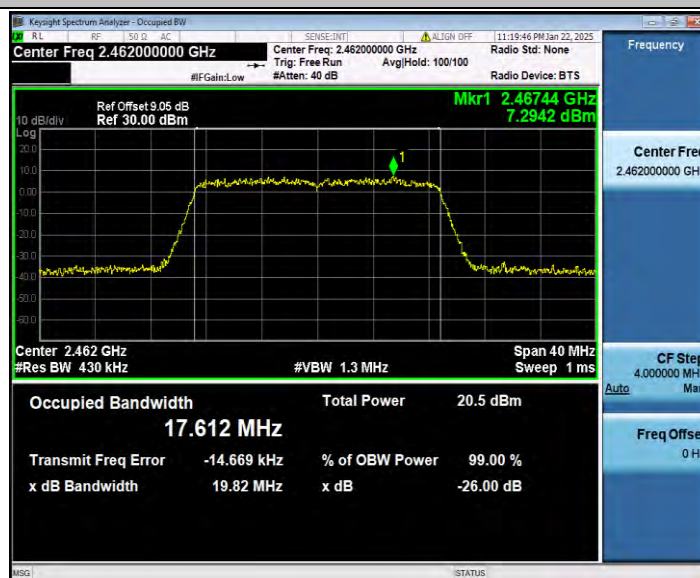
11N20SISO_Ant1_2412



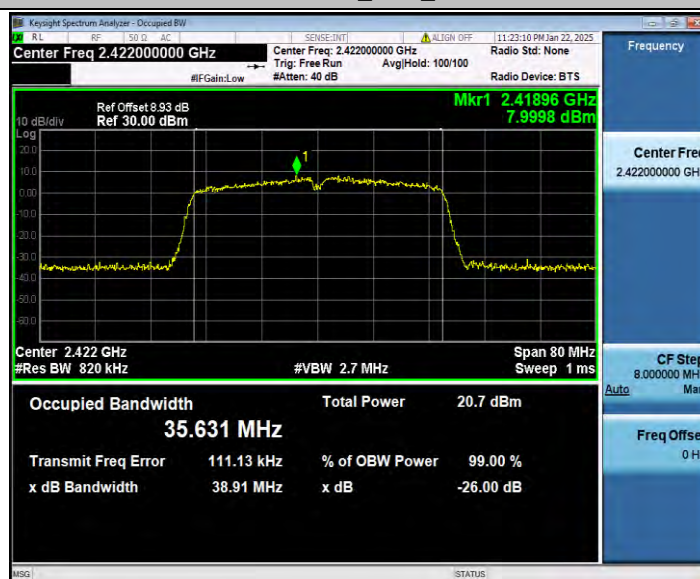
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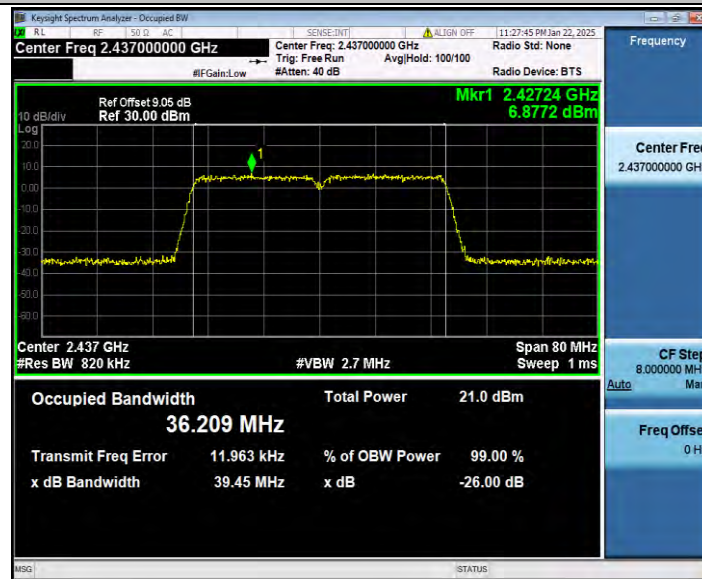
11N20SISO_Ant1_2462



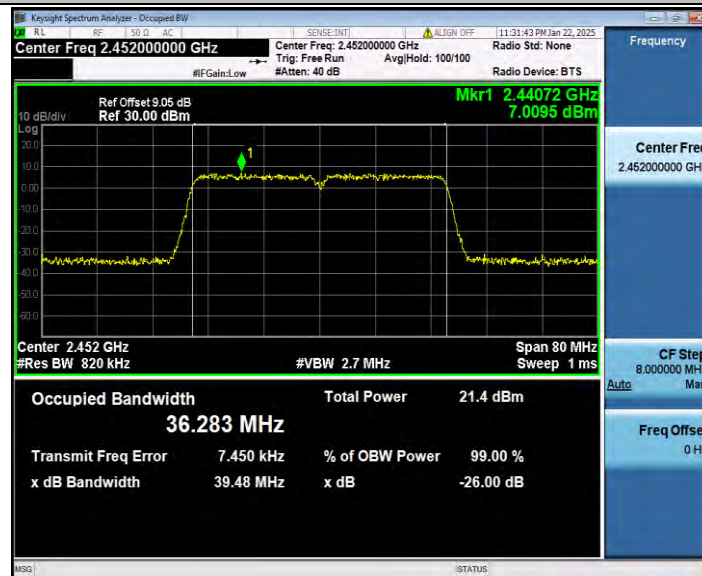
11N40SISO_Ant1_2422



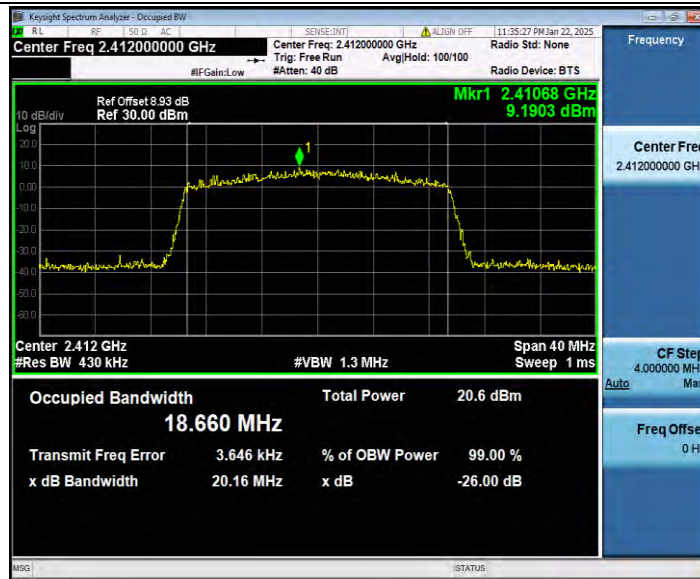
11N40SISO_Ant1_2437



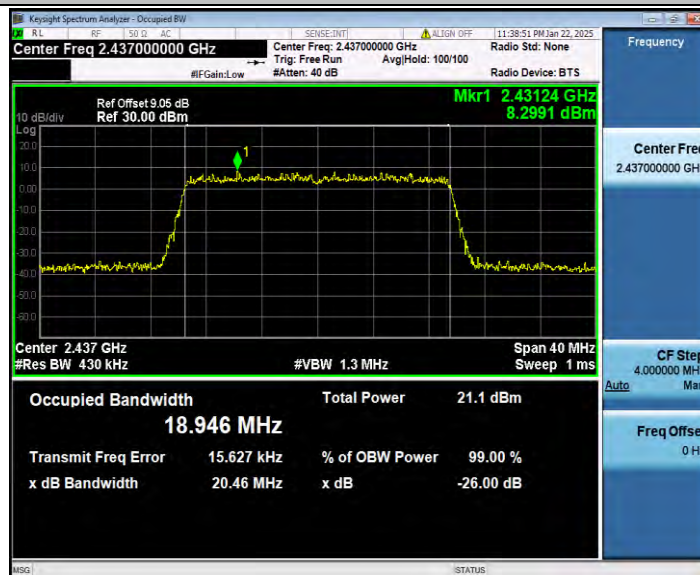
11N40SISO_Ant1_2452



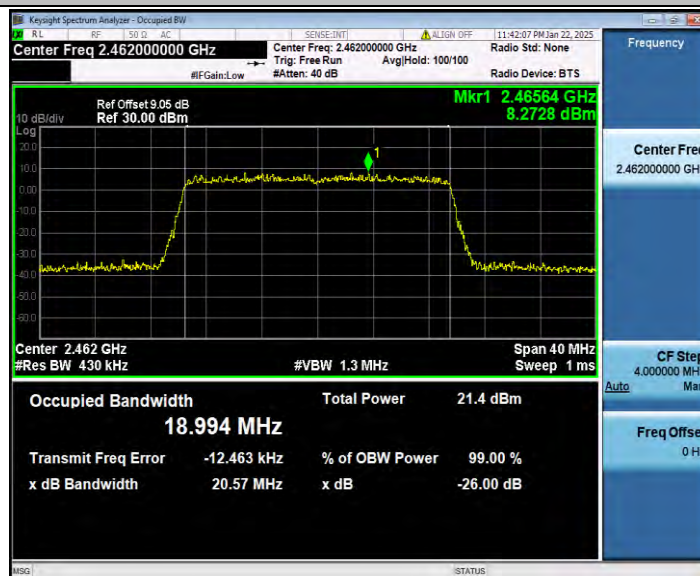
11AX20SISO_Ant1_2412



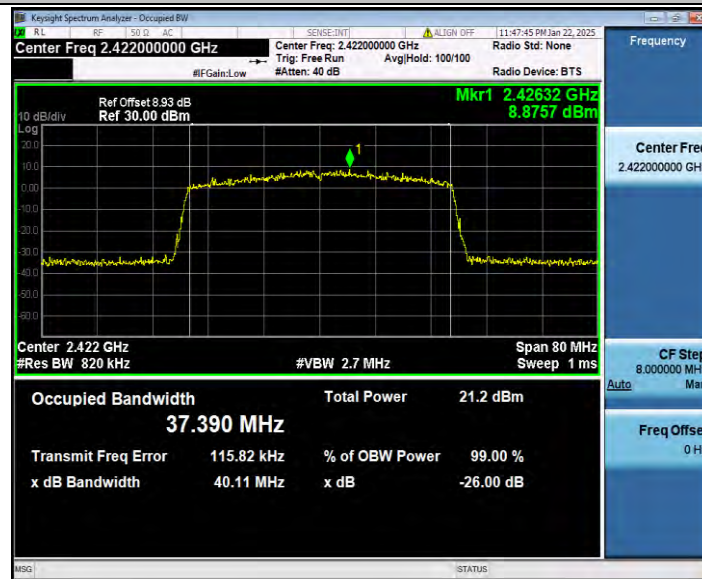
11AX20SISO_Ant1_2437



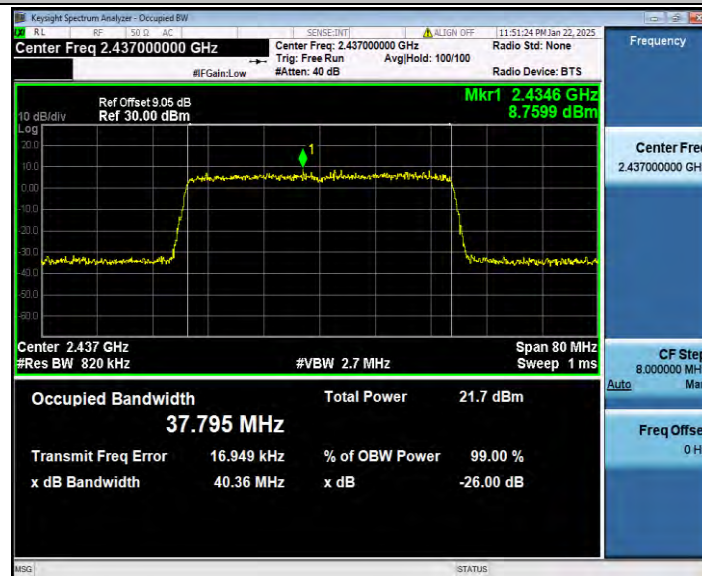
11AX20SISO_Ant1_2462



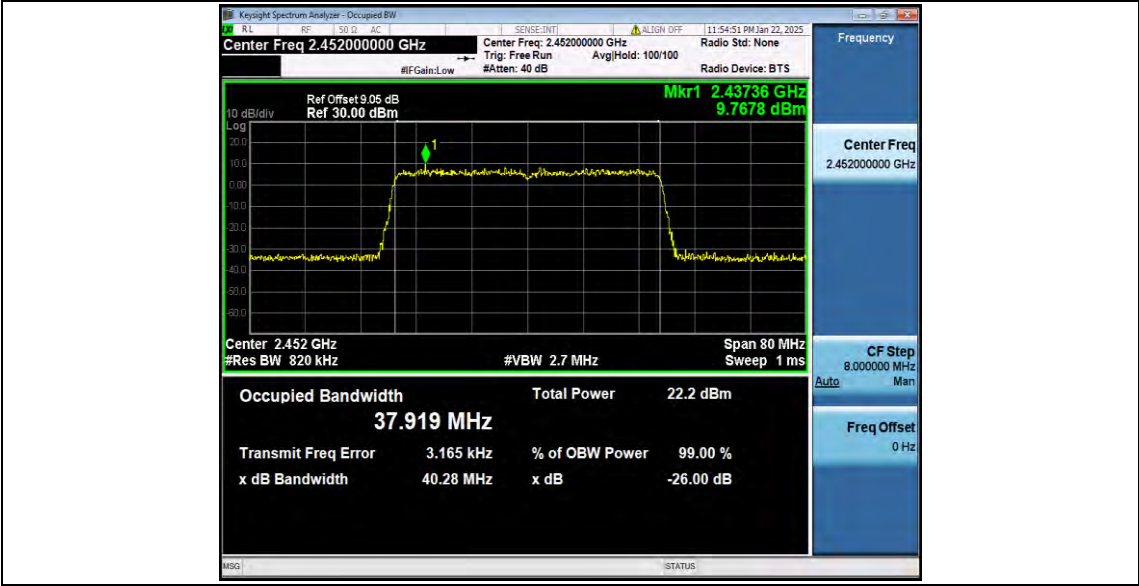
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	18.68	≤30.00	PASS
		2437	19.39	≤30.00	PASS
		2462	19.82	≤30.00	PASS
11G	Ant1	2412	20.69	≤30.00	PASS
		2437	20.81	≤30.00	PASS
		2462	21.29	≤30.00	PASS
11N20SISO	Ant1	2412	20.99	≤30.00	PASS
		2437	21.26	≤30.00	PASS
		2462	21.58	≤30.00	PASS
11N40SISO	Ant1	2422	20.93	≤30.00	PASS
		2437	21.20	≤30.00	PASS
		2452	21.65	≤30.00	PASS
11AX20SISO	Ant1	2412	21.18	≤30.00	PASS
		2437	21.57	≤30.00	PASS
		2462	21.94	≤30.00	PASS
11AX40SISO	Ant1	2422	21.38	≤30.00	PASS
		2437	21.67	≤30.00	PASS
		2452	22.26	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

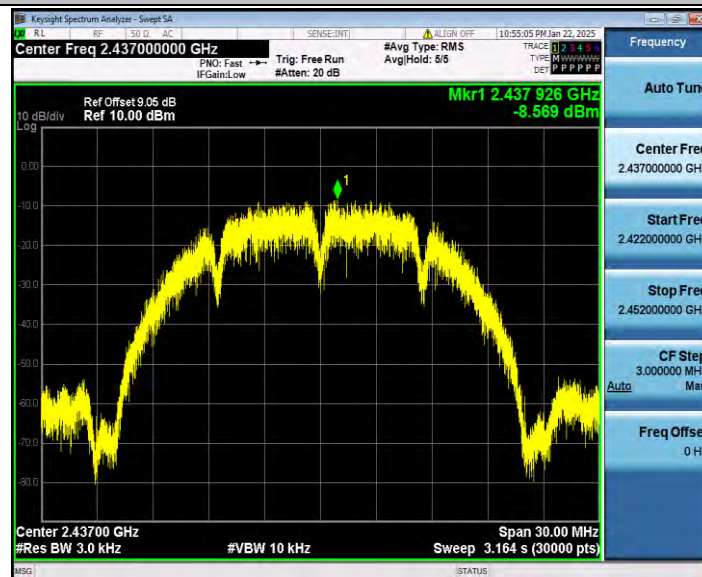
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.83	≤8.00	PASS
		2437	-8.57	≤8.00	PASS
		2462	-7.39	≤8.00	PASS
11G	Ant1	2412	-4.03	≤8.00	PASS
		2437	-3.92	≤8.00	PASS
		2462	-3.45	≤8.00	PASS
11N20SISO	Ant1	2412	-3.65	≤8.00	PASS
		2437	-3.29	≤8.00	PASS
		2462	-2.94	≤8.00	PASS
11N40SISO	Ant1	2422	-6.67	≤8.00	PASS
		2437	-6.40	≤8.00	PASS
		2452	-6.08	≤8.00	PASS
11AX20SISO	Ant1	2412	-9.35	≤8.00	PASS
		2437	-9.29	≤8.00	PASS
		2462	-8.89	≤8.00	PASS
11AX40SISO	Ant1	2422	-11.48	≤8.00	PASS
		2437	-12.32	≤8.00	PASS
		2452	-12.01	≤8.00	PASS

Test Graphs

11B_Ant1_2412



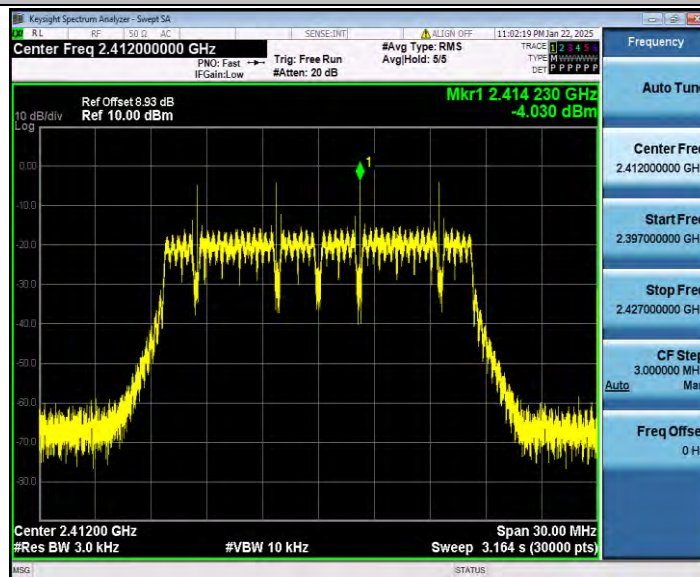
11B_Ant1_2437



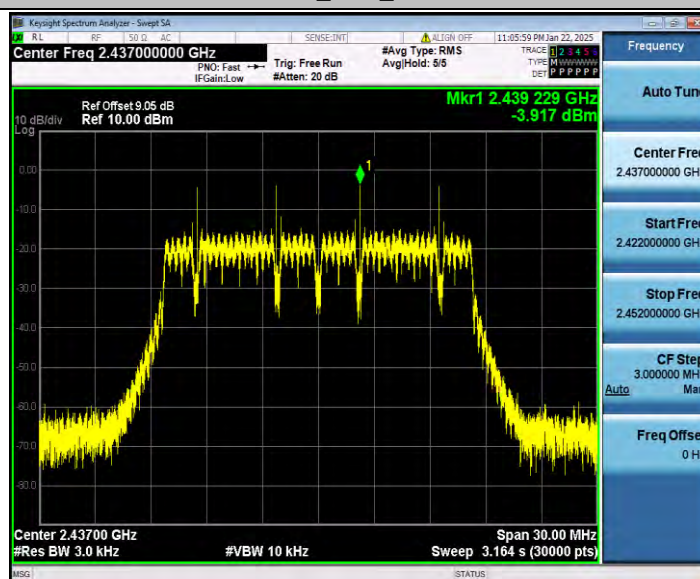
11B_Ant1_2462



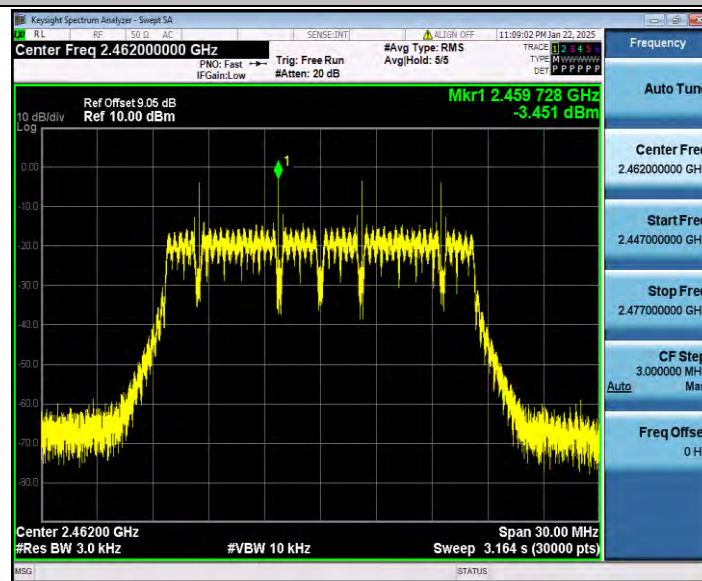
11G_Ant1_2412



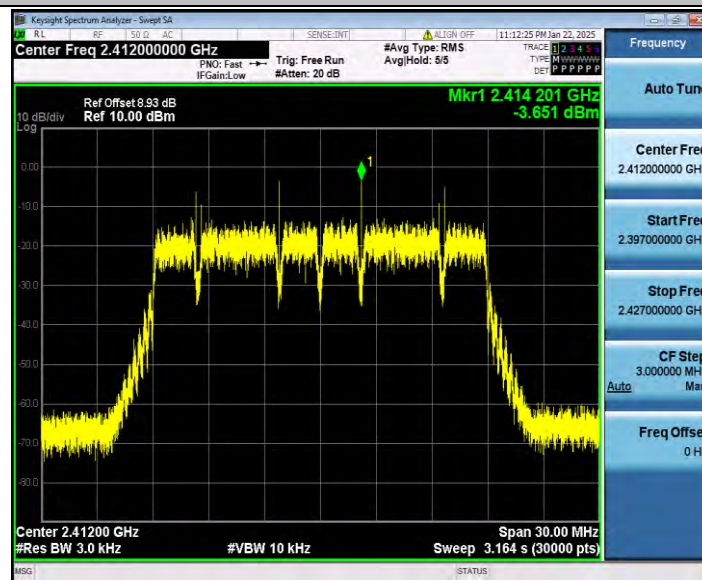
11G_Ant1_2437



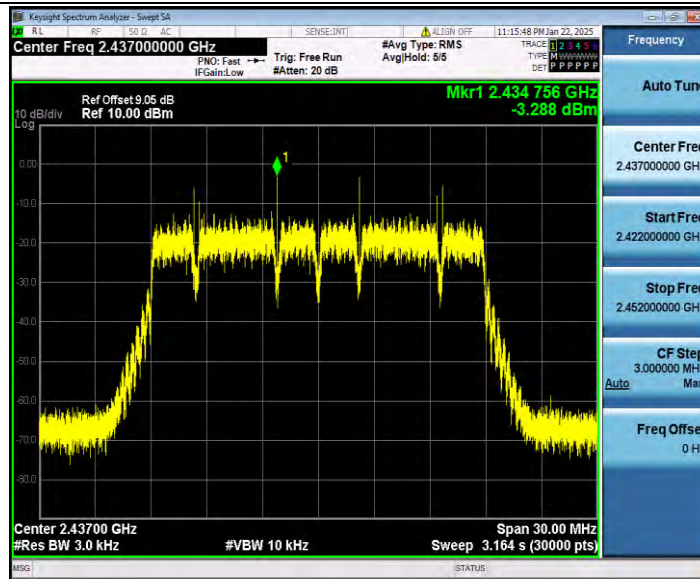
11G_Ant1_2462



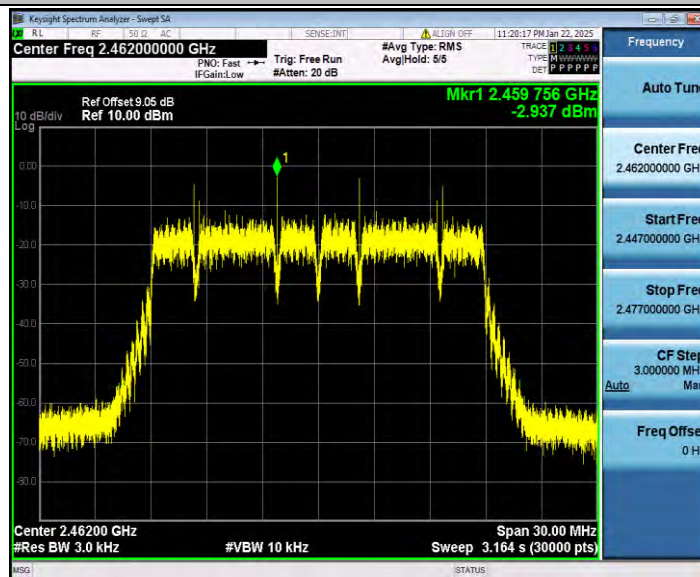
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



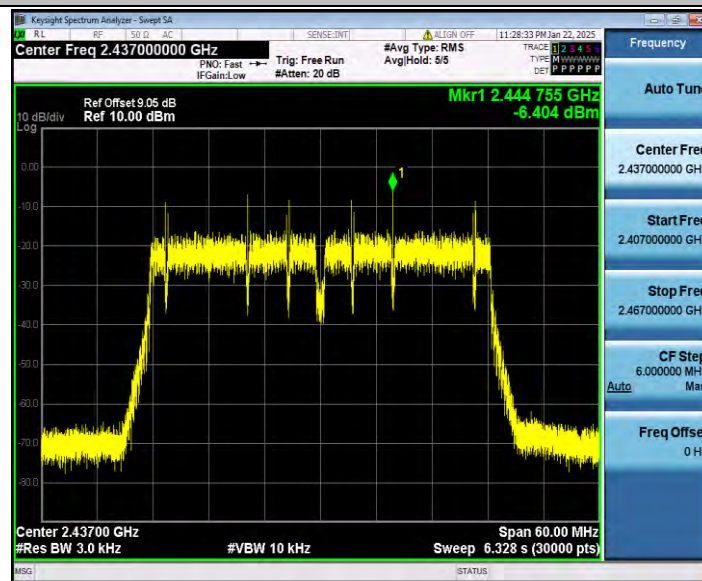
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



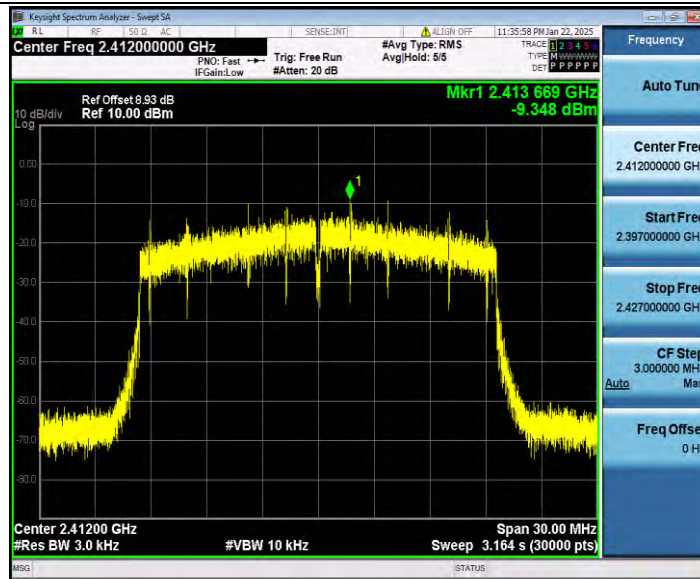
11N40SISO_Ant1_2437



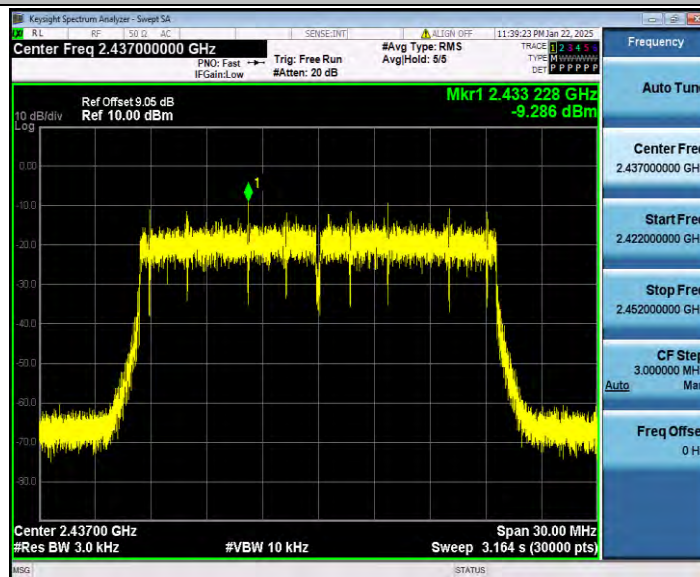
11N40SISO_Ant1_2452



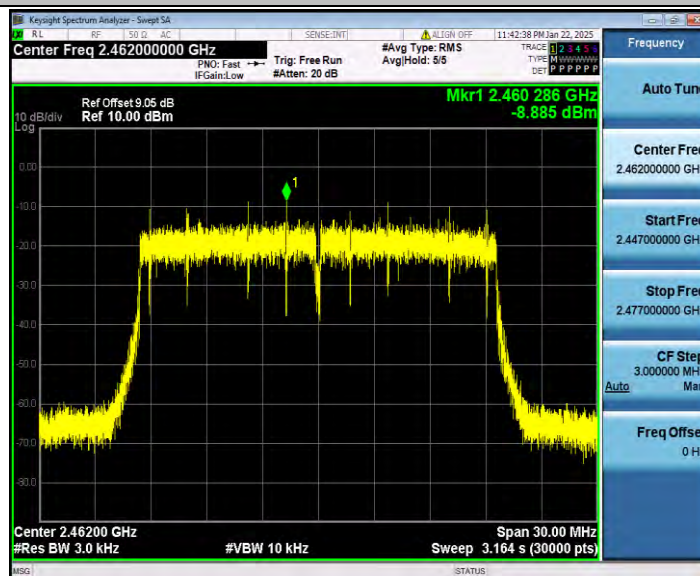
11AX20SISO_Ant1_2412



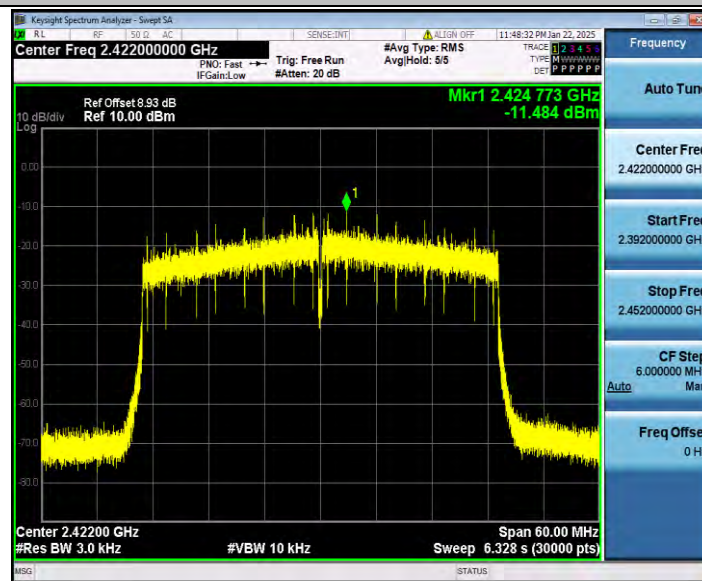
11AX20SISO_Ant1_2437



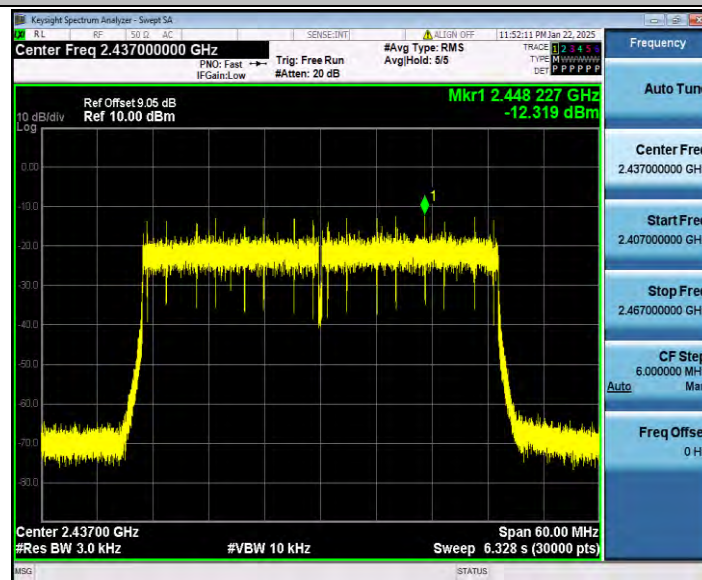
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

