

Case No. : <u>GTS20241129021-1-04</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.2.7</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

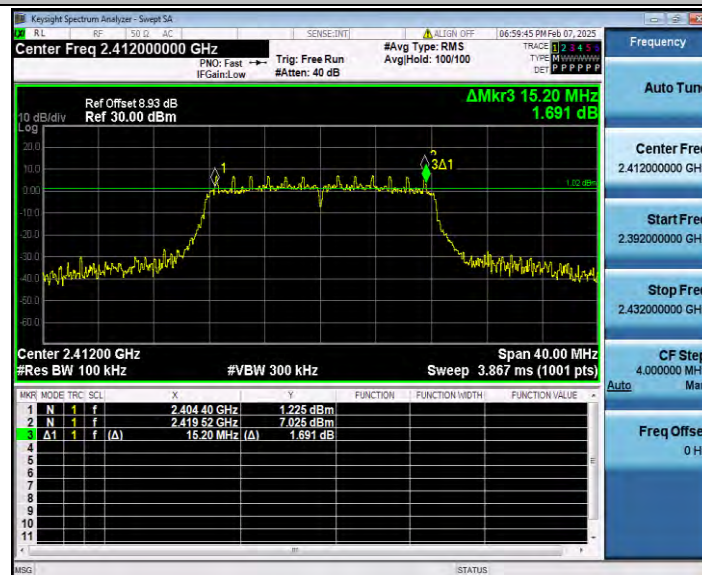
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	7.680	2408.160	2415.840	0.5	PASS
		2437	7.880	2433.000	2440.880	0.5	PASS
		2462	8.040	2458.080	2466.120	0.5	PASS
11G	Ant0	2412	15.200	2404.400	2419.600	0.5	PASS
		2437	15.200	2429.400	2444.600	0.5	PASS
		2462	15.160	2454.440	2469.600	0.5	PASS
11N20SISO	Ant0	2412	15.200	2404.400	2419.600	0.5	PASS
		2437	16.800	2428.640	2445.440	0.5	PASS
		2462	15.160	2454.440	2469.600	0.5	PASS
11N40SISO	Ant0	2422	35.200	2404.400	2439.600	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS
11AX20SISO	Ant0	2412	15.240	2404.440	2419.680	0.5	PASS
		2437	15.320	2429.440	2444.760	0.5	PASS
		2462	15.320	2454.440	2469.760	0.5	PASS
11AX40SISO	Ant0	2422	35.200	2404.400	2439.600	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS

Test Graphs

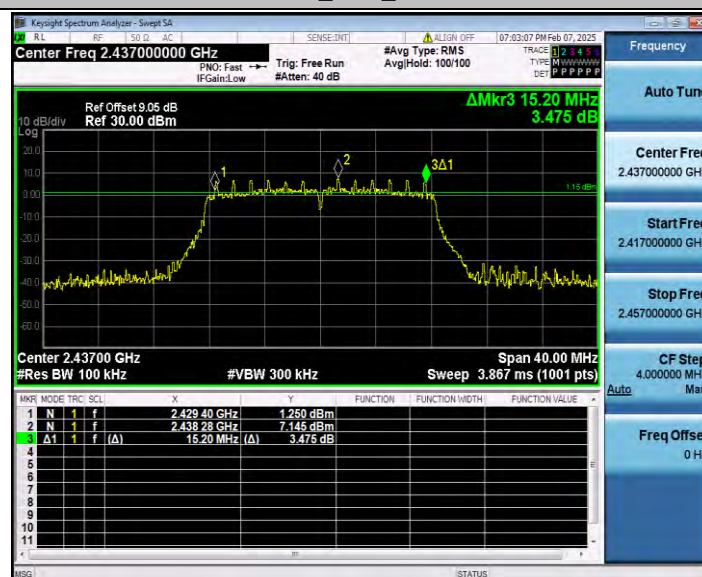




11G_Ant0_2412



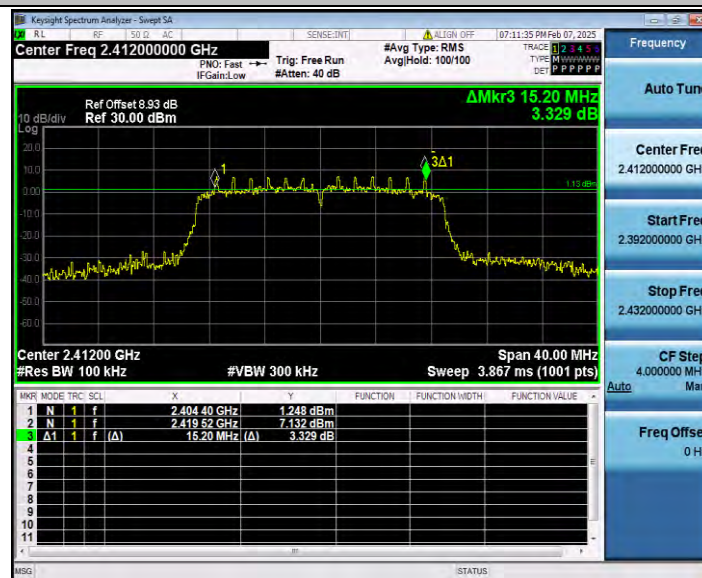
11G_Ant0_2437



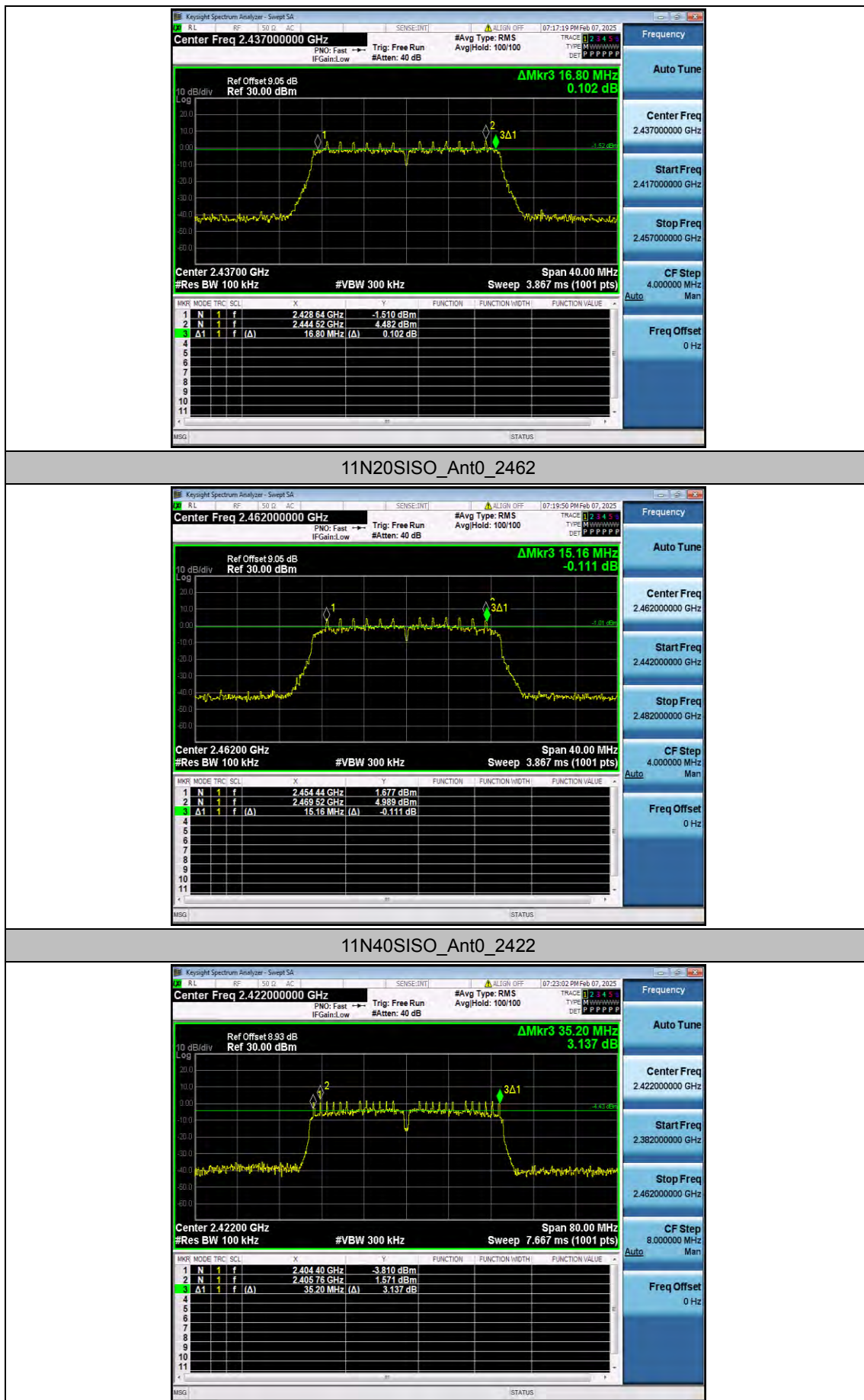
11G_Ant0_2462



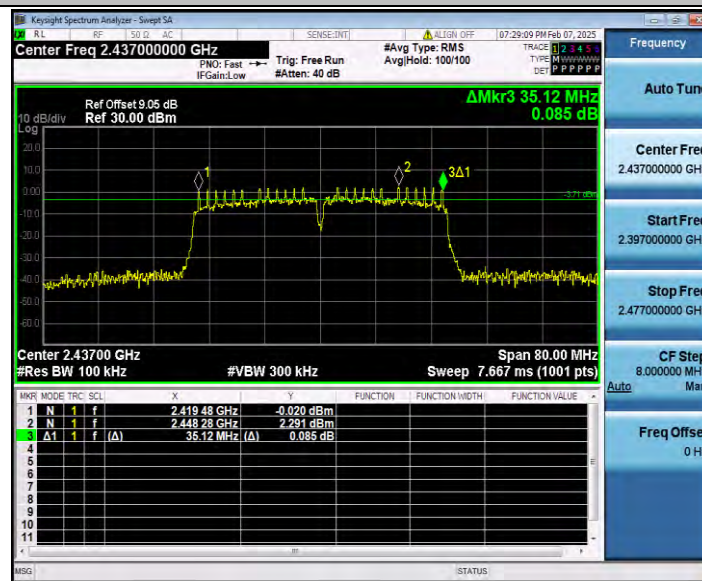
11N20SISO_Ant0_2412



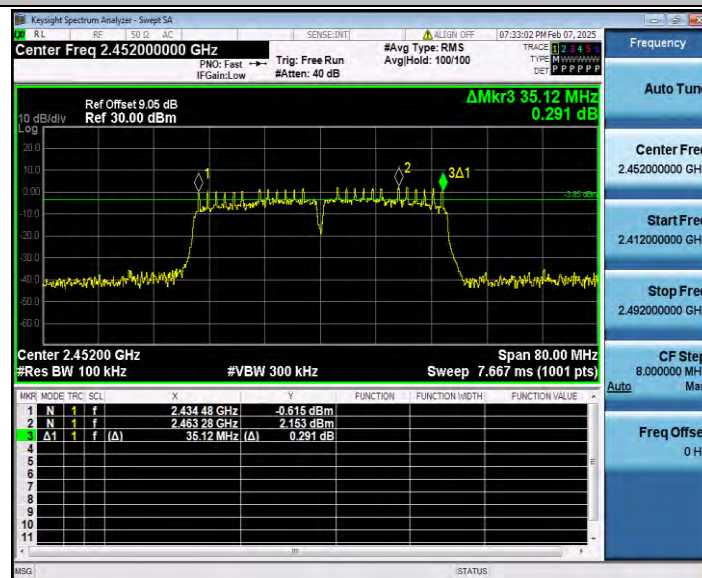
11N20SISO_Ant0_2437



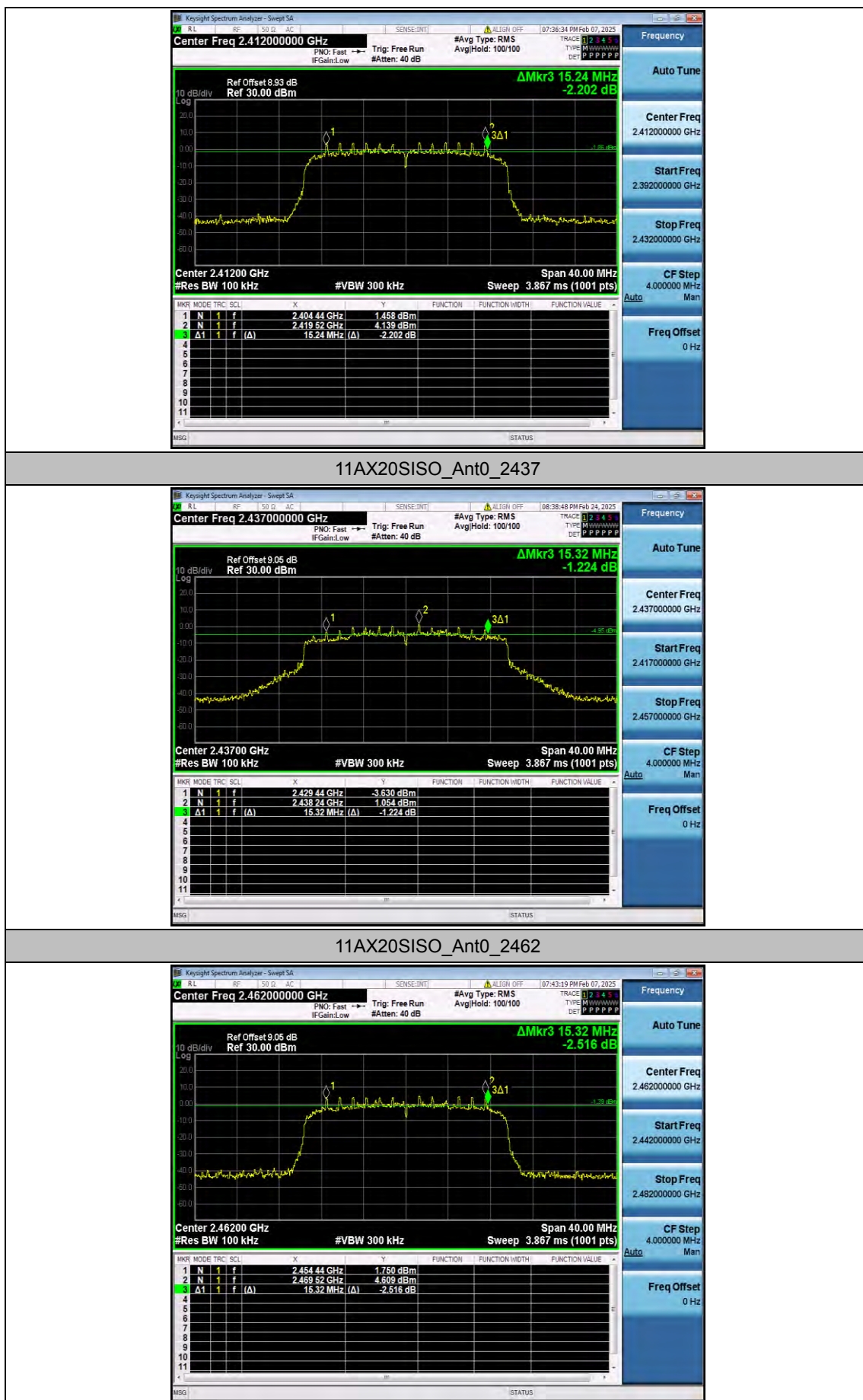
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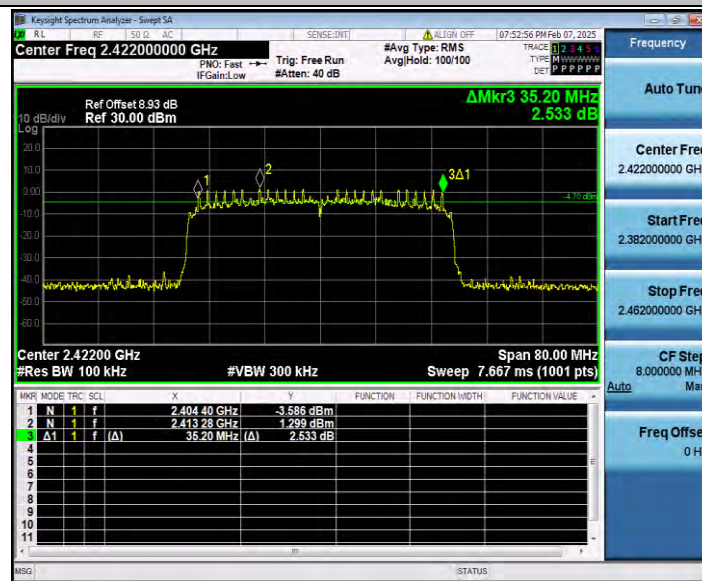
11N40SISO_Ant0_2452



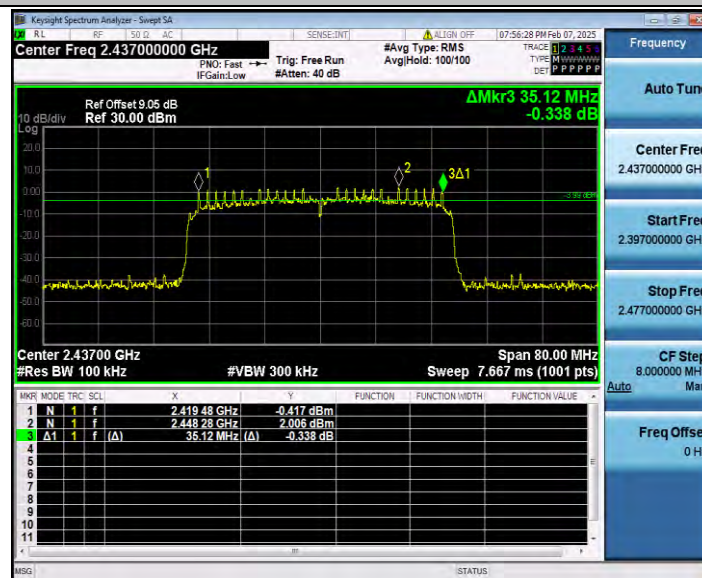
11AX20SISO_Ant0_2412



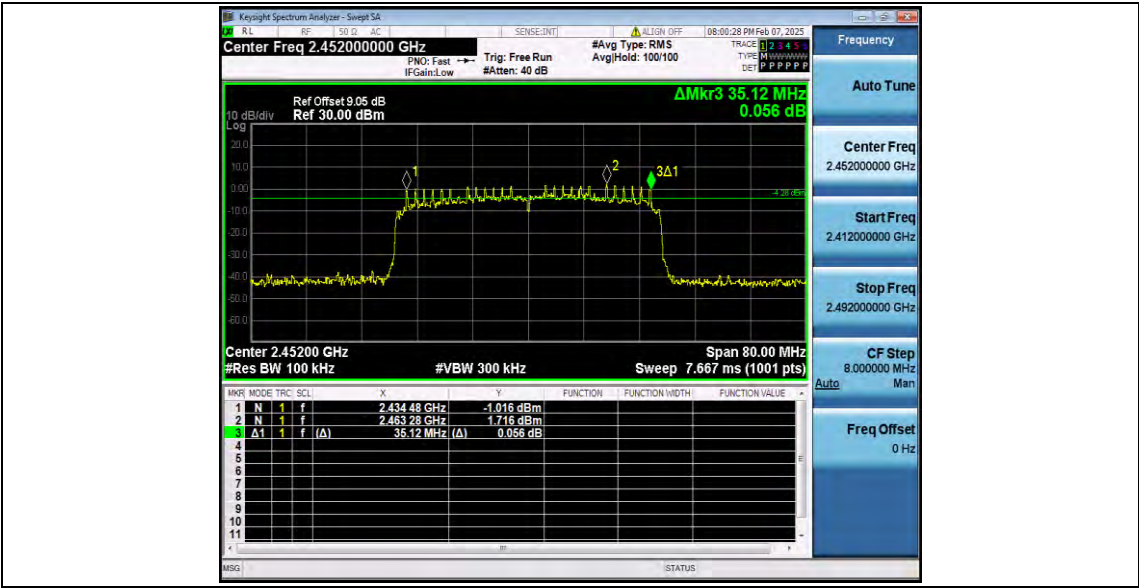
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



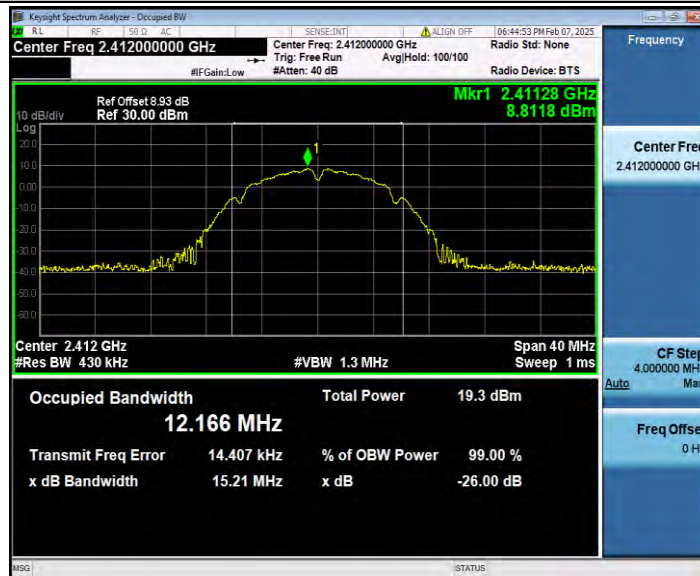
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	12.166	2405.9314	2418.0974	---	---
		2437	12.187	2430.8967	2443.0837	---	---
		2462	12.122	2455.9312	2468.0532	---	---
11G	Ant0	2412	16.570	2403.7417	2420.3117	---	---
		2437	16.512	2428.7810	2445.2930	---	---
		2462	16.479	2453.8210	2470.3000	---	---
11N20SISO	Ant0	2412	17.463	2403.3126	2420.7756	---	---
		2437	17.750	2428.1540	2445.9040	---	---
		2462	17.442	2453.2822	2470.7242	---	---
11N40SISO	Ant0	2422	35.764	2404.1912	2439.9552	---	---
		2437	35.735	2419.2586	2454.9936	---	---
		2452	35.739	2434.2565	2469.9955	---	---
11AX20SISO	Ant0	2412	18.374	2402.8072	2421.1812	---	---
		2437	18.983	2427.5345	2446.5175	---	---
		2462	18.262	2452.9332	2471.1952	---	---
11AX40SISO	Ant0	2422	36.695	2403.6759	2440.3709	---	---
		2437	36.760	2418.7691	2455.5291	---	---
		2452	36.477	2433.9425	2470.4195	---	---

Test Graphs

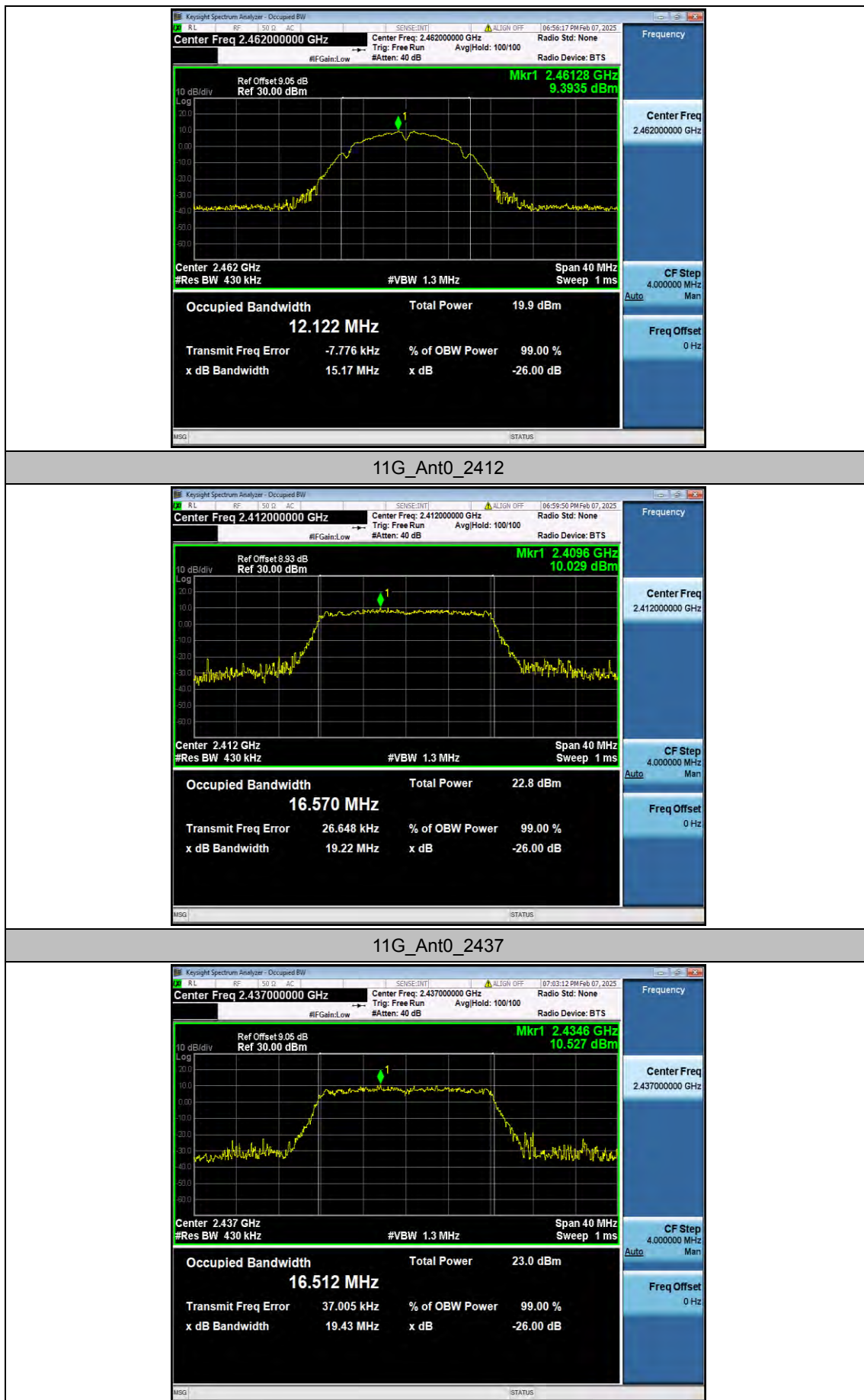
11B_Ant0_2412



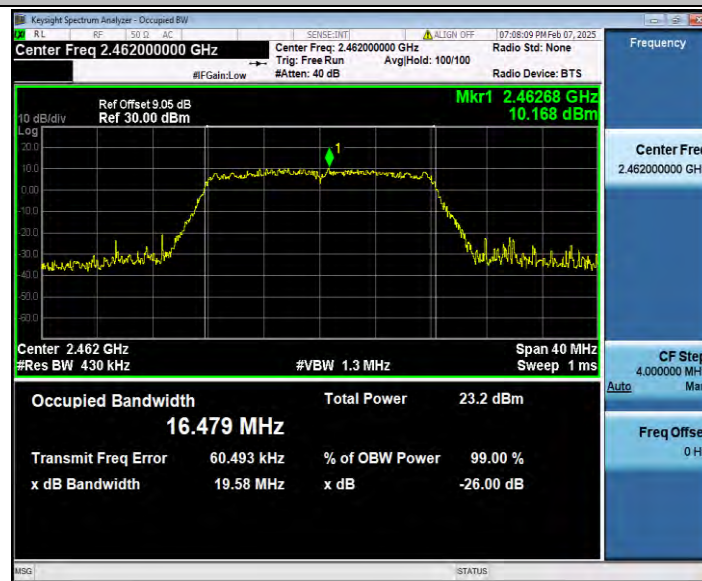
11B_Ant0_2437



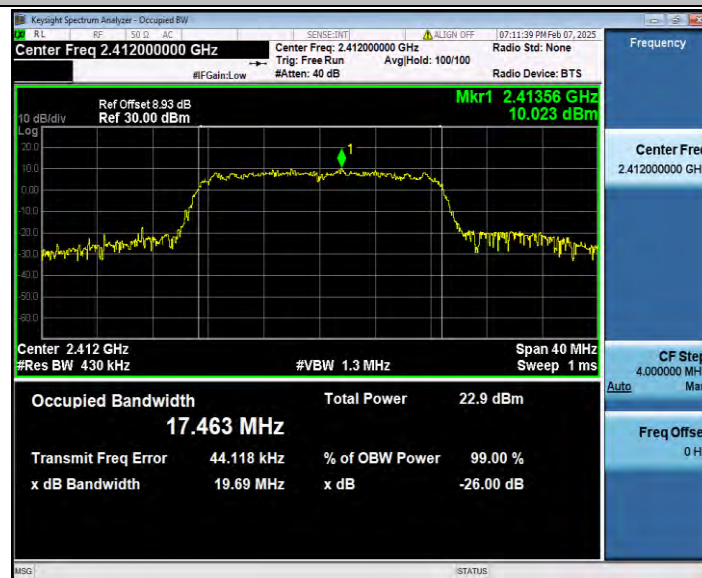
11B_Ant0_2462



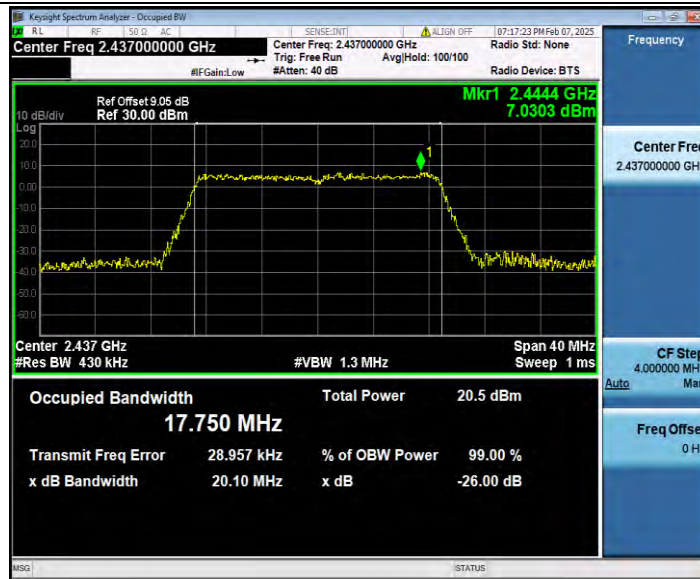
11G_Ant0_2462



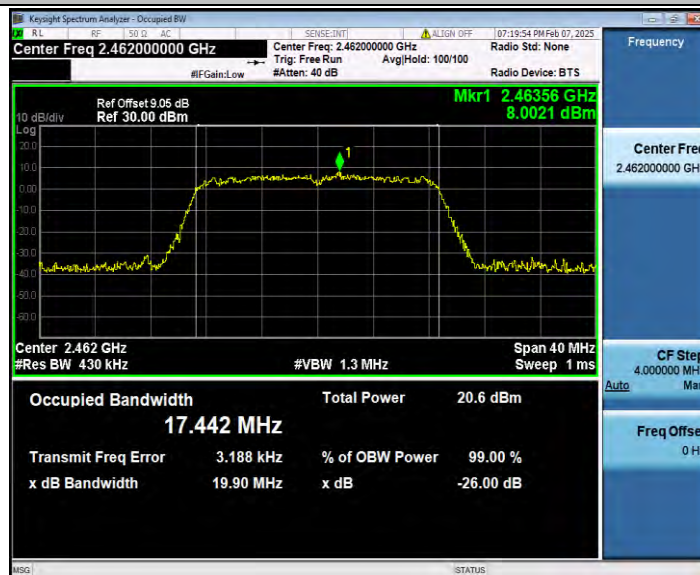
11N20SISO_Ant0_2412



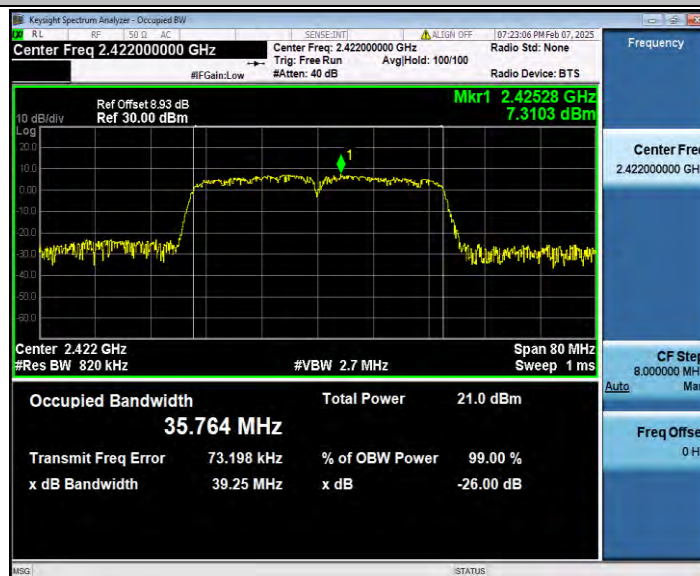
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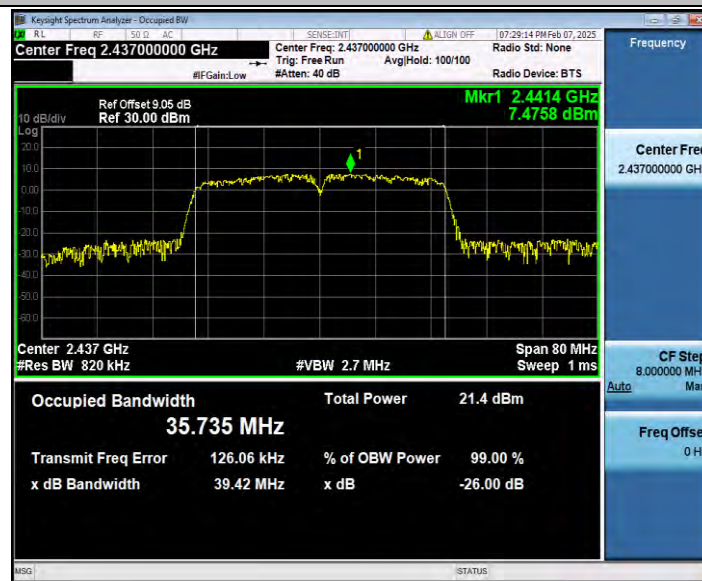
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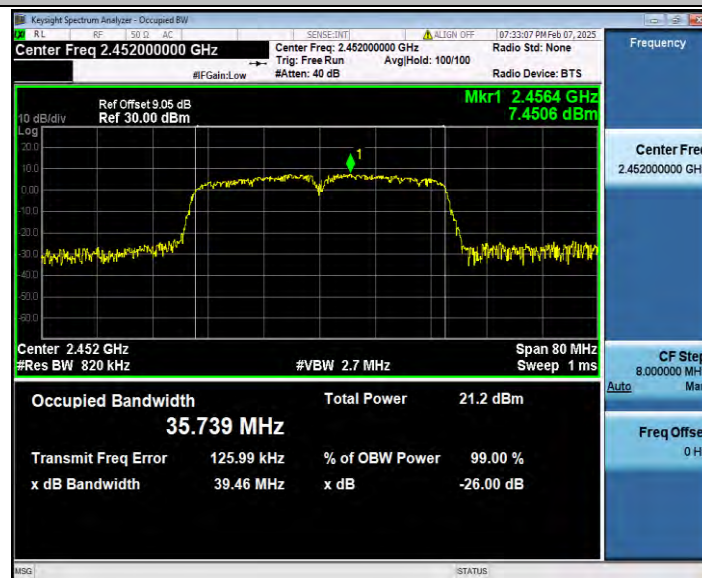
11N40SISO_Ant0_2422



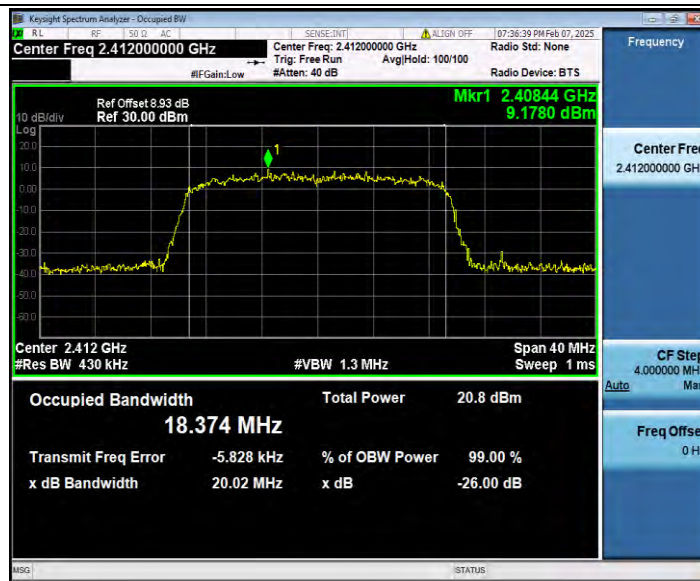
11N40SISO_Ant0_2437



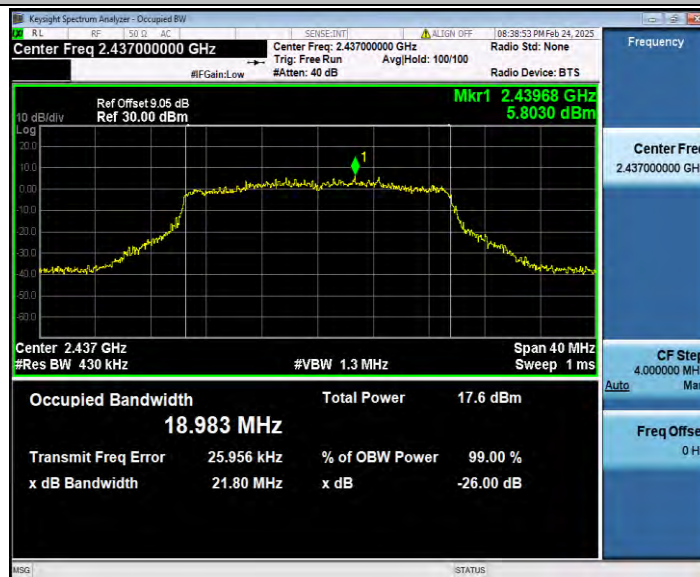
11N40SISO_Ant0_2452



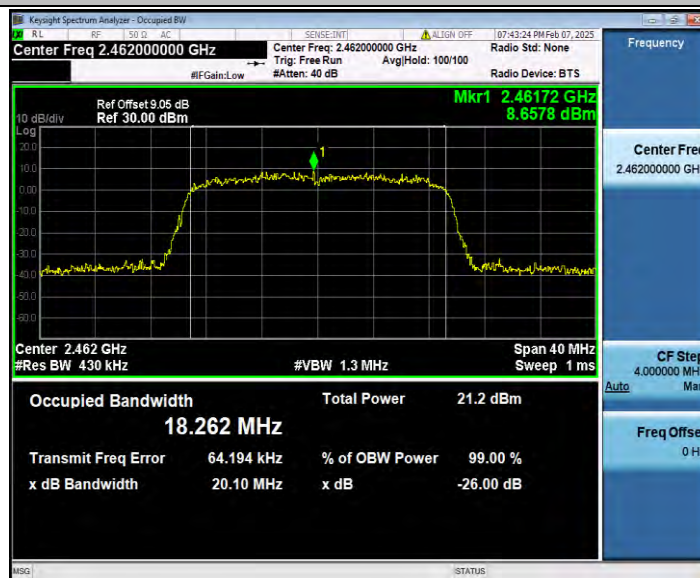
11AX20SISO_Ant0_2412



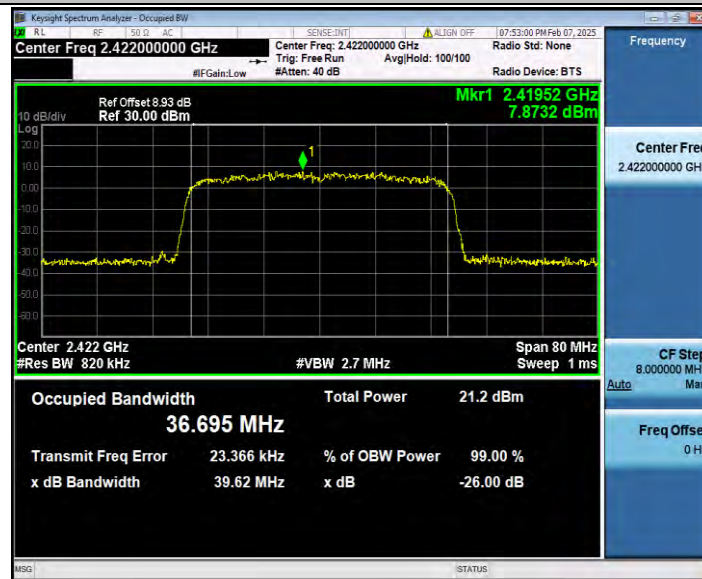
11AX20SISO_Ant0_2437



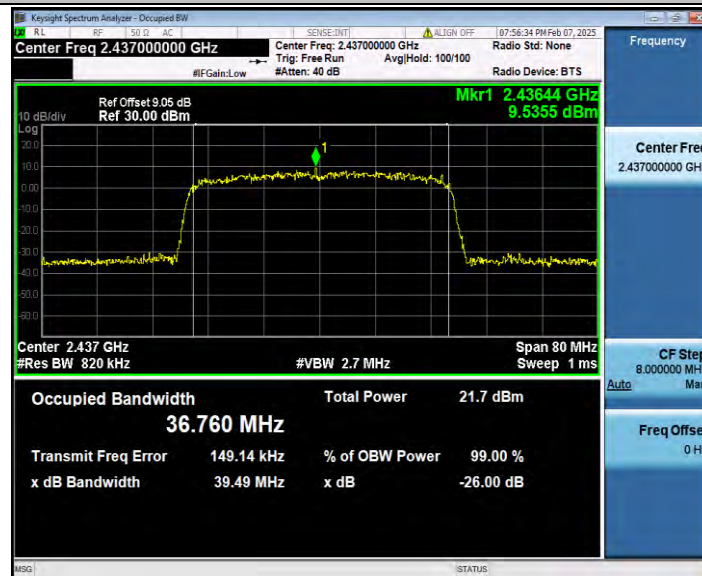
11AX20SISO_Ant0_2462



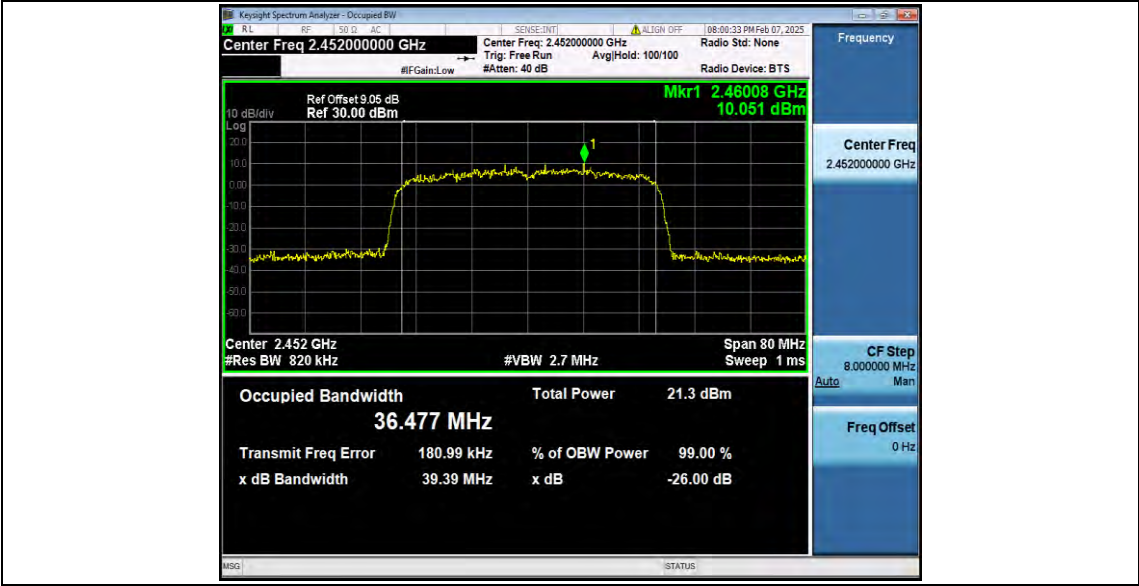
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	18.97	≤30.00	PASS
		2437	19.44	≤30.00	PASS
		2462	19.58	≤30.00	PASS
11G	Ant0	2412	23.80	≤30.00	PASS
		2437	24.13	≤30.00	PASS
		2462	24.29	≤30.00	PASS
11N20SISO	Ant0	2412	23.75	≤30.00	PASS
		2437	21.48	≤30.00	PASS
		2462	21.53	≤30.00	PASS
11N40SISO	Ant0	2422	21.28	≤30.00	PASS
		2437	21.76	≤30.00	PASS
		2452	21.24	≤30.00	PASS
11AX20SISO	Ant0	2412	21.42	≤30.00	PASS
		2437	20.58	≤30.00	PASS
		2462	21.89	≤30.00	PASS
11AX40SISO	Ant0	2422	21.35	≤30.00	PASS
		2437	21.79	≤30.00	PASS
		2452	21.51	≤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	Ant0	2412	-8.35	≤8.00	PASS
		2437	-7.76	≤8.00	PASS
		2462	-7.04	≤8.00	PASS
11G	Ant0	2412	-9.40	≤8.00	PASS
		2437	-9.21	≤8.00	PASS
		2462	-9.45	≤8.00	PASS
11N20SISO	Ant0	2412	-9.49	≤8.00	PASS
		2437	-11.91	≤8.00	PASS
		2462	-11.09	≤8.00	PASS
11N40SISO	Ant0	2422	-14.00	≤8.00	PASS
		2437	-13.27	≤8.00	PASS
		2452	-13.90	≤8.00	PASS
11AX20SISO	Ant0	2412	-11.92	≤8.00	2412
		2437	-15.39	≤8.00	2437
		2462	-11.78	≤8.00	2462
11AX40SISO	Ant0	2422	-14.50	≤8.00	PASS
		2437	-13.85	≤8.00	PASS
		2452	-13.88	≤8.00	PASS

Test Graphs

11B_Ant0_2412



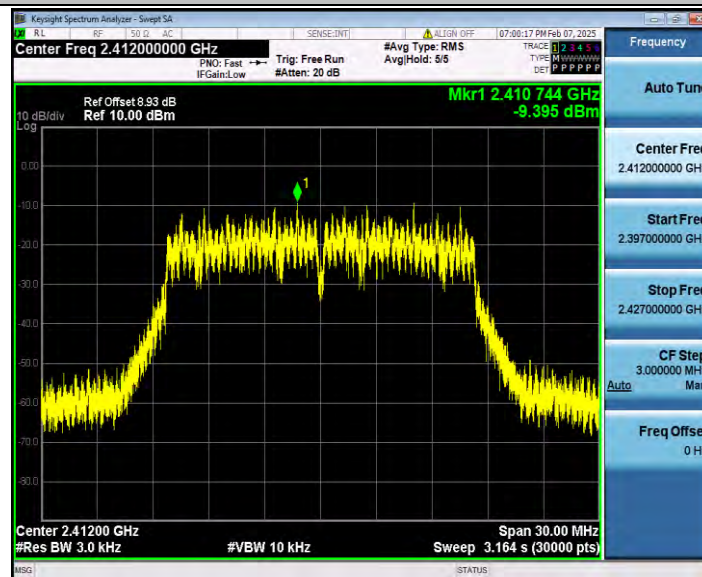
11B_Ant0_2437



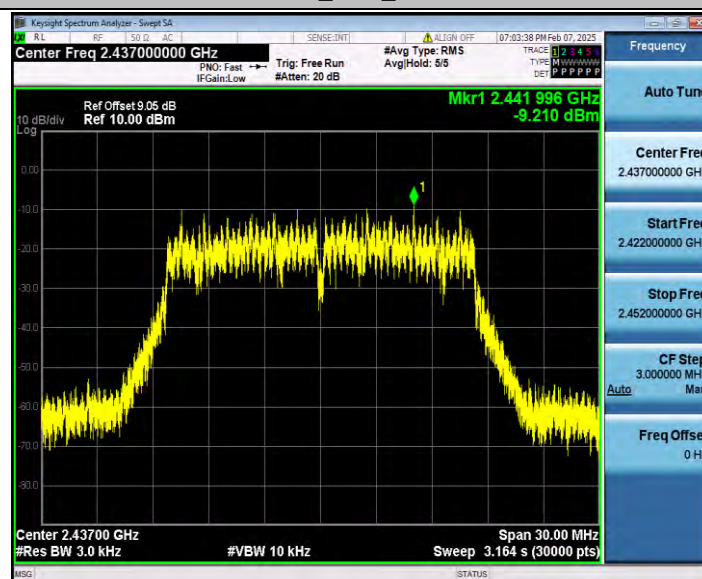
11B_Ant0_2462



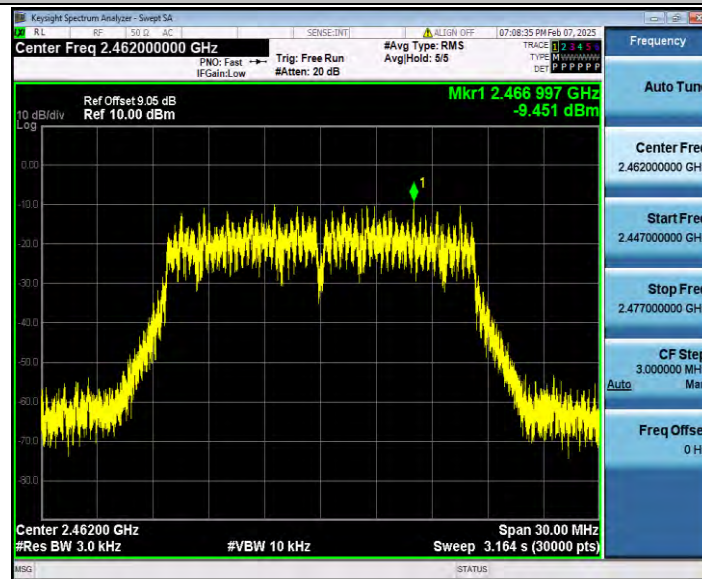
11G_Ant0_2412



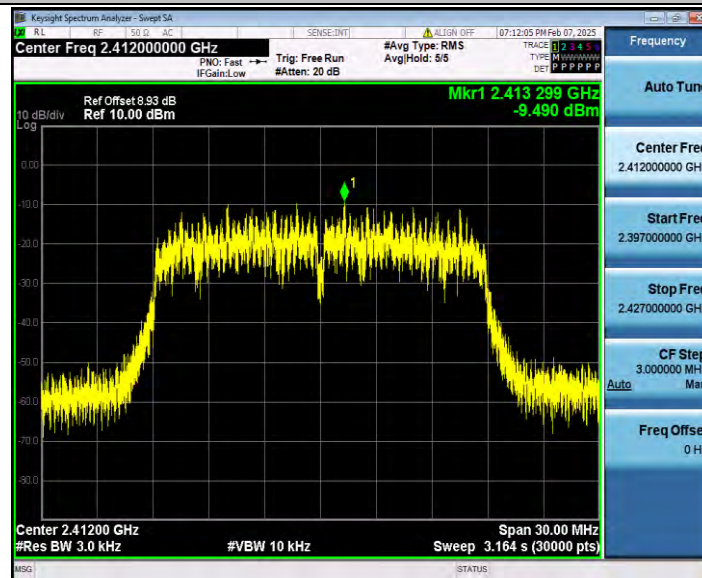
11G_Ant0_2437



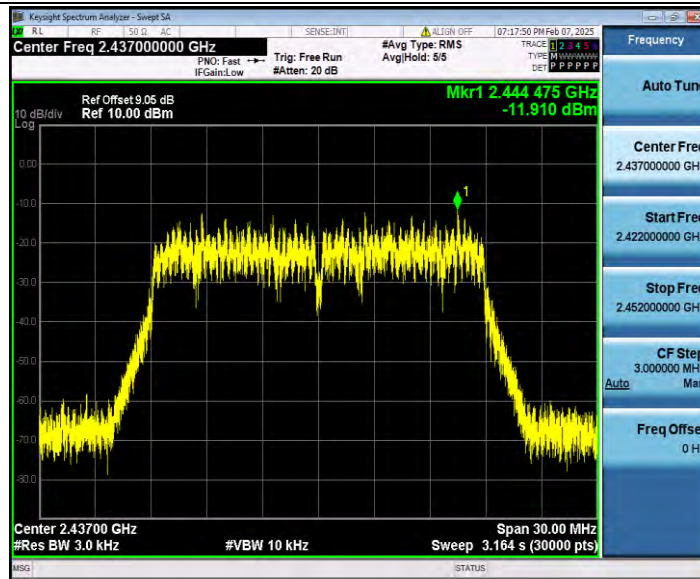
11G_Ant0_2462



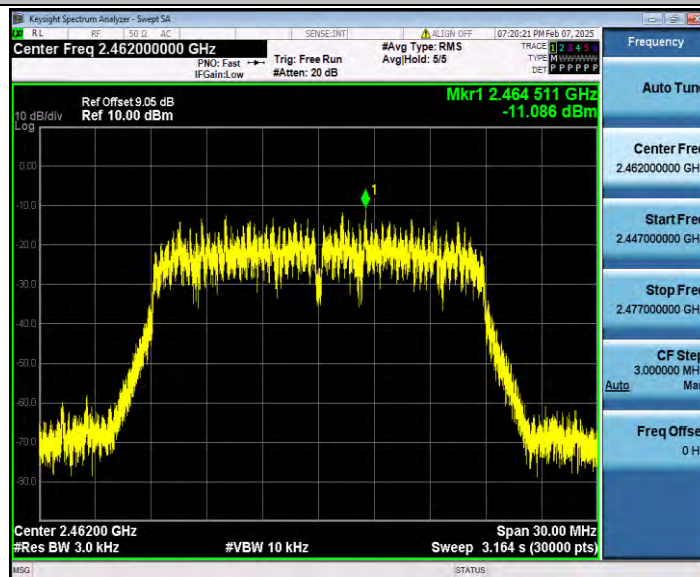
11N20SISO_Ant0_2412



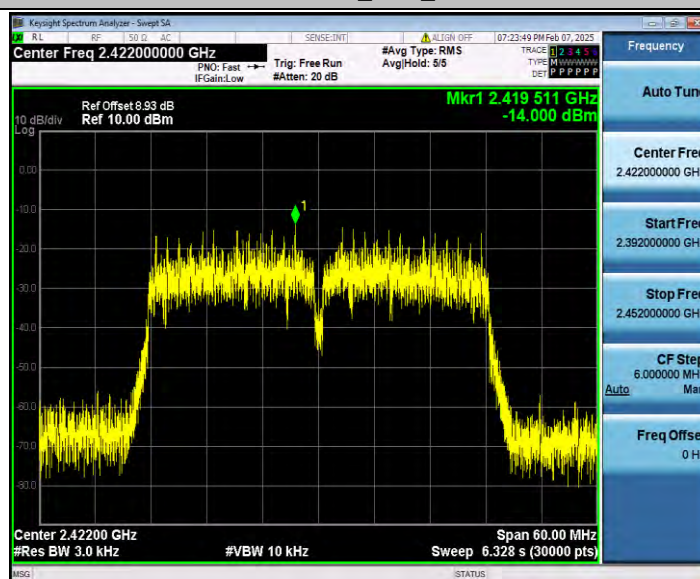
11N20SISO_Ant0_2437



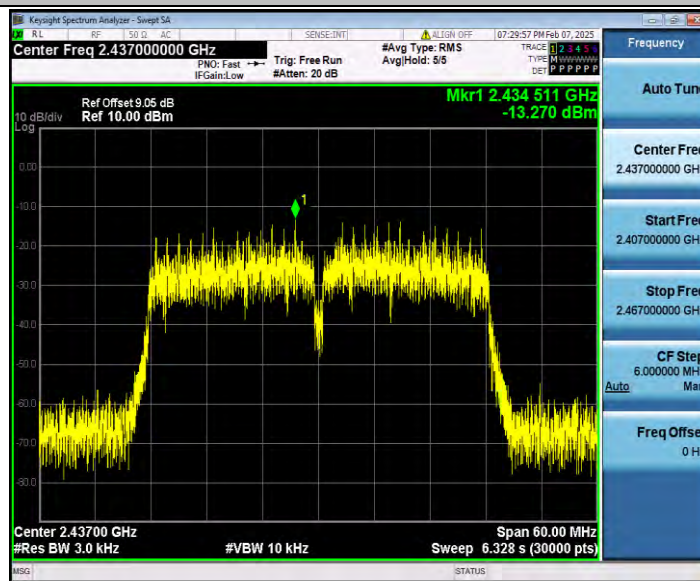
11N20SISO_Ant0_2462



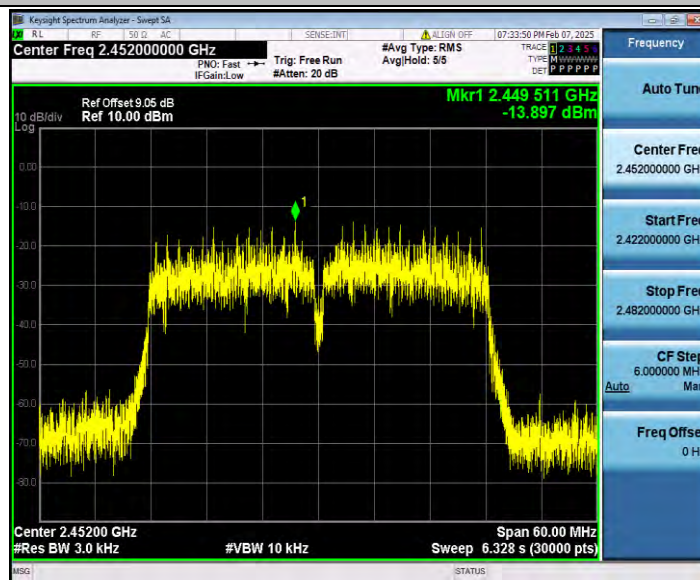
11N40SISO_Ant0_2422



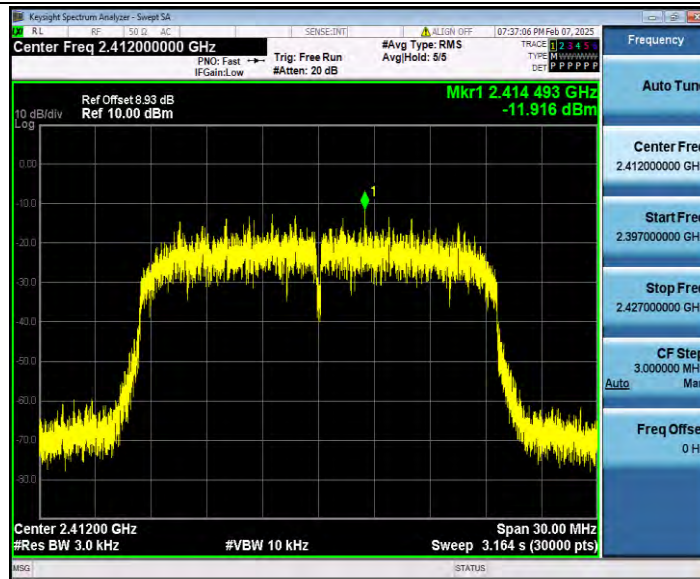
11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



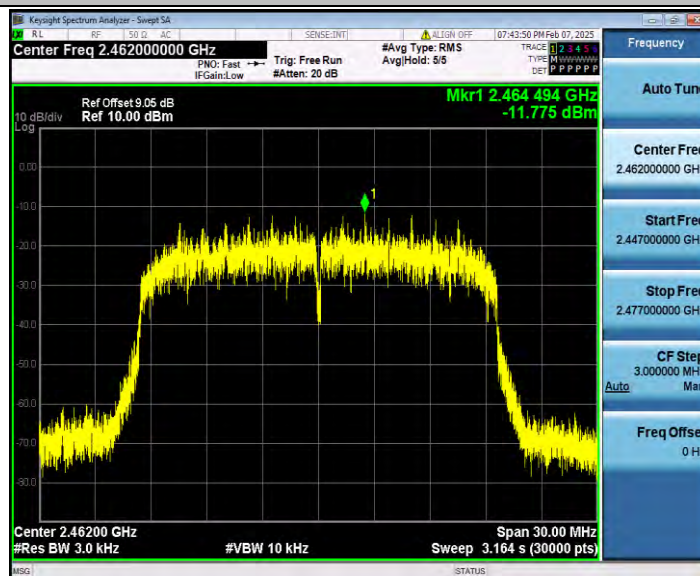
11AX20SISO_Ant0_2412



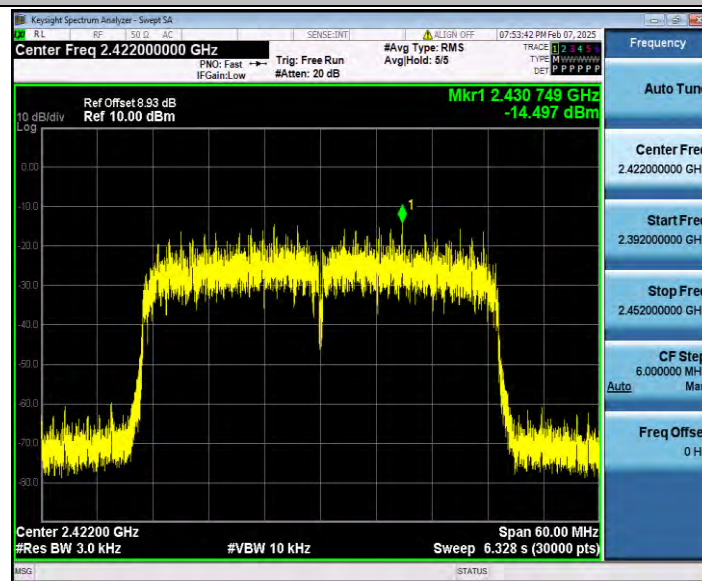
11AX20SISO_Ant0_2437



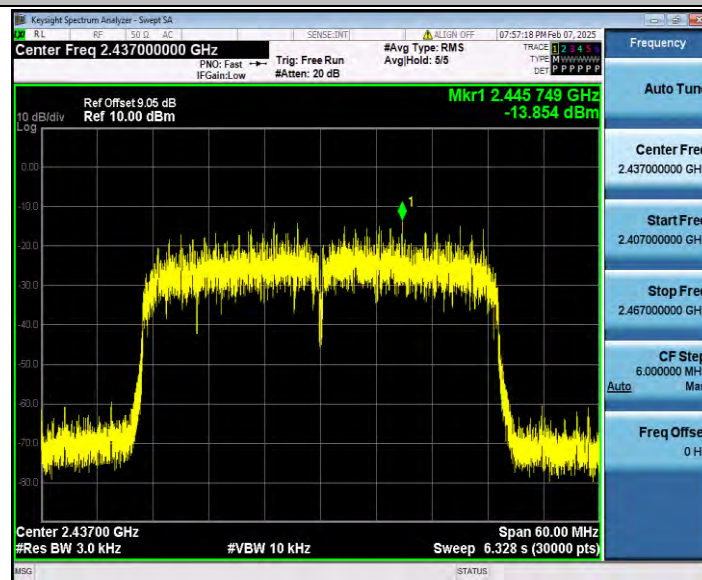
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

