

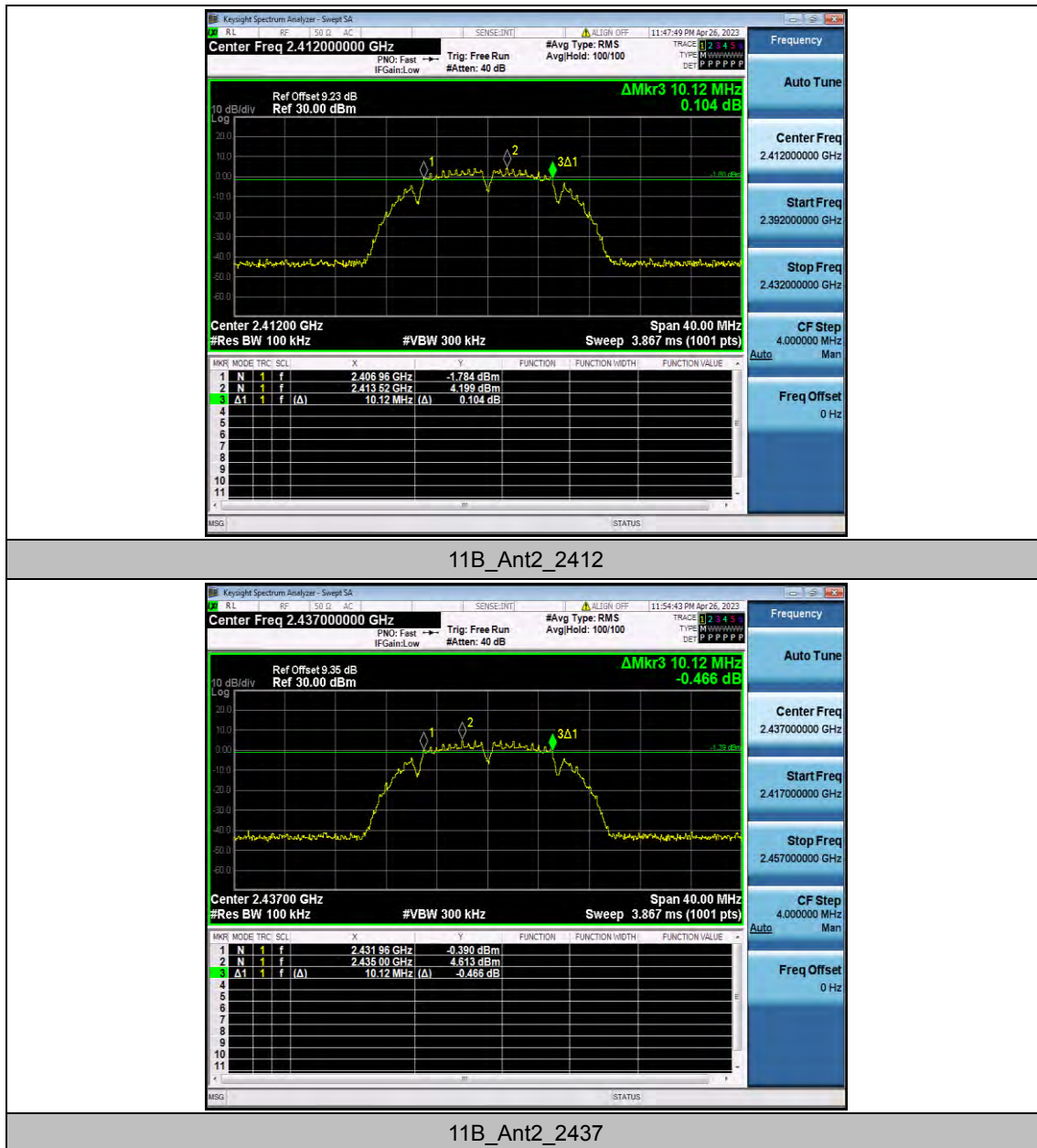
Case No. : <u>GTS20230420011-1-3</u>	
Ambient Condition: <u>24</u> °C, <u>50</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.26</u>	Test Engineer: <u>Jenny zeng</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.120	2406.960	2417.080	0.5	PASS
		2437	10.120	2431.960	2442.080	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant2	2412	13.200	2406.360	2419.560	0.5	PASS
		2437	14.200	2429.440	2443.640	0.5	PASS
		2462	13.840	2455.760	2469.600	0.5	PASS
11N20SISO	Ant2	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	15.280	2429.480	2444.760	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant2	2422	31.200	2404.560	2435.760	0.5	PASS
		2437	30.400	2424.120	2454.520	0.5	PASS
		2452	31.920	2436.960	2468.880	0.5	PASS
11AX20SISO	Ant2	2412	18.440	2402.960	2421.400	0.5	PASS
		2437	16.640	2429.360	2446.000	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11AX40SISO	Ant2	2422	31.360	2405.680	2437.040	0.5	PASS
		2437	33.920	2420.760	2454.680	0.5	PASS
		2452	30.000	2436.960	2466.960	0.5	PASS

Test Graphs





11B_Ant2_2462



11G_Ant2_2412



11G_Ant2_2437



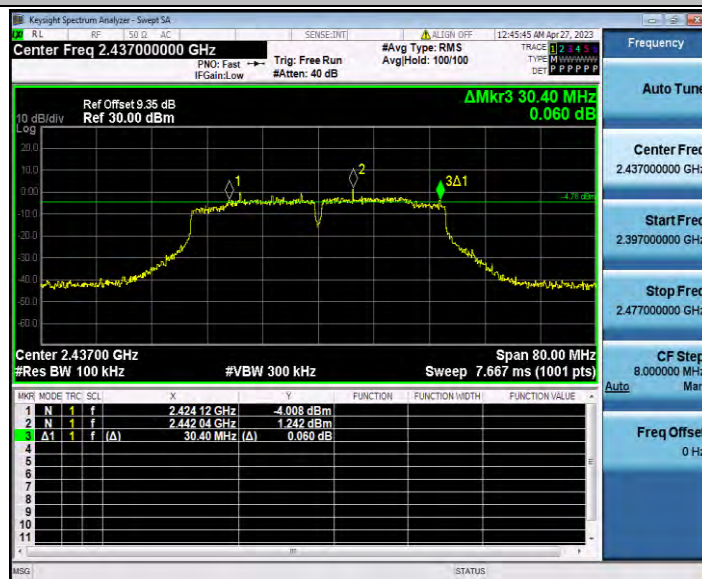
11G_Ant2_2462



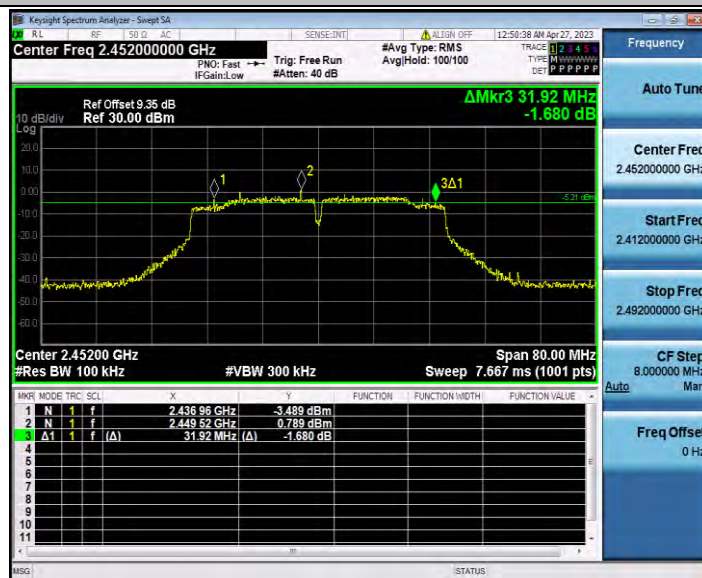
11N20SISO_Ant2_2412



11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



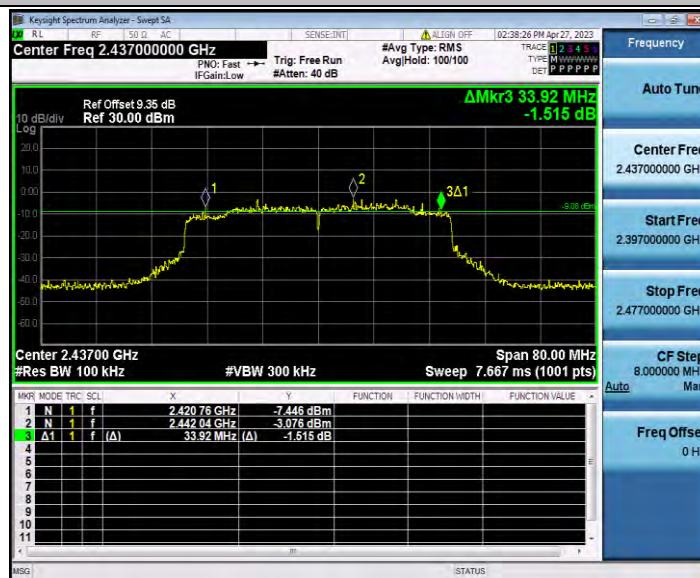
11N40SISO_Ant2_2452



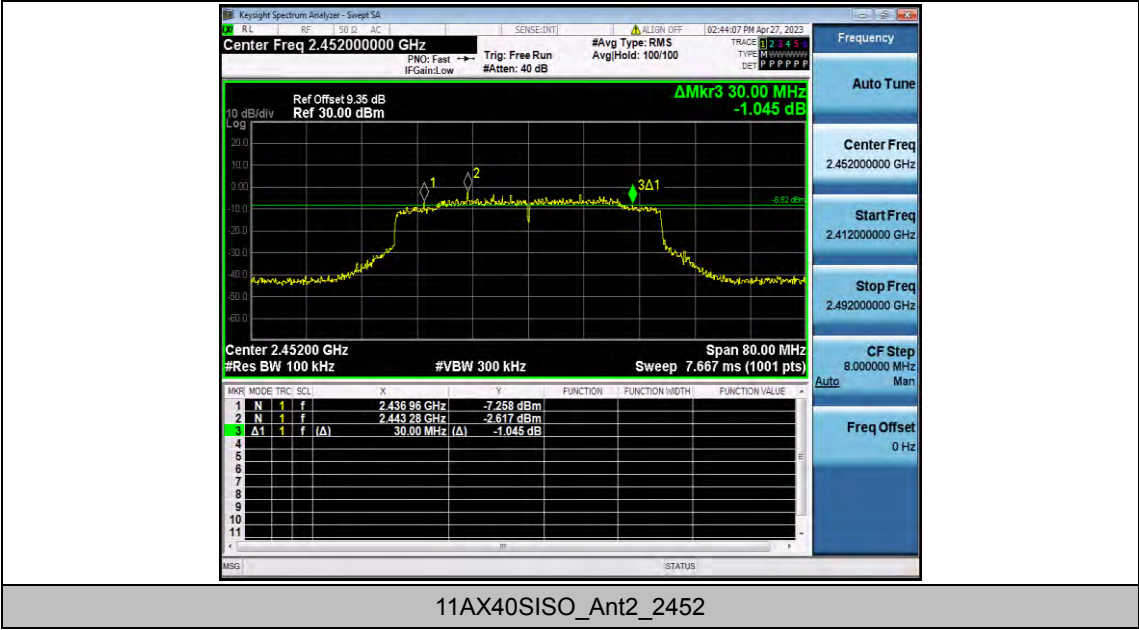
11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.446	2405.295	2418.741	---	---
		2437	13.510	2430.259	2443.769	---	---
		2462	13.468	2455.266	2468.734	---	---
11G	Ant2	2412	16.815	2403.627	2420.442	---	---
		2437	16.876	2428.597	2445.473	---	---
		2462	16.831	2453.593	2470.424	---	---
11N20SISO	Ant2	2412	17.869	2403.075	2420.944	---	---
		2437	17.964	2428.050	2446.014	---	---
		2462	17.928	2453.062	2470.990	---	---
11N40SISO	Ant2	2422	36.085	2404.124	2440.209	---	---
		2437	36.148	2419.097	2455.245	---	---
		2452	36.066	2434.066	2470.132	---	---
11AX20SISO	Ant2	2412	18.914	2402.555	2421.469	---	---
		2437	18.936	2427.564	2446.500	---	---
		2462	19.013	2452.513	2471.526	---	---
11AX40SISO	Ant2	2422	37.547	2403.355	2440.902	---	---
		2437	37.515	2418.406	2455.921	---	---
		2452	37.499	2433.352	2470.851	---	---

Test Graphs



11B_Ant2_2412



11B_Ant2_2437



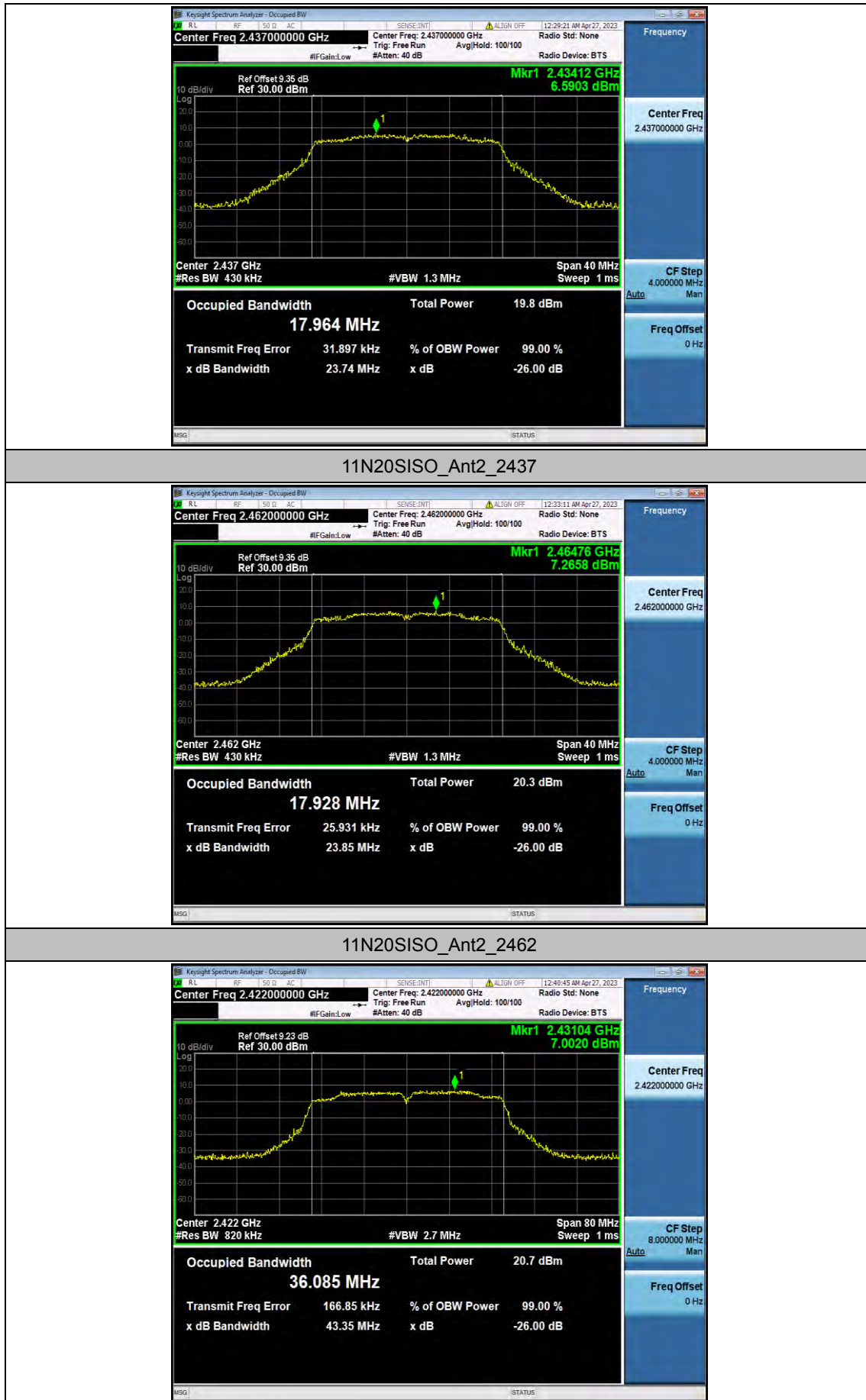
11G_Ant2_2437



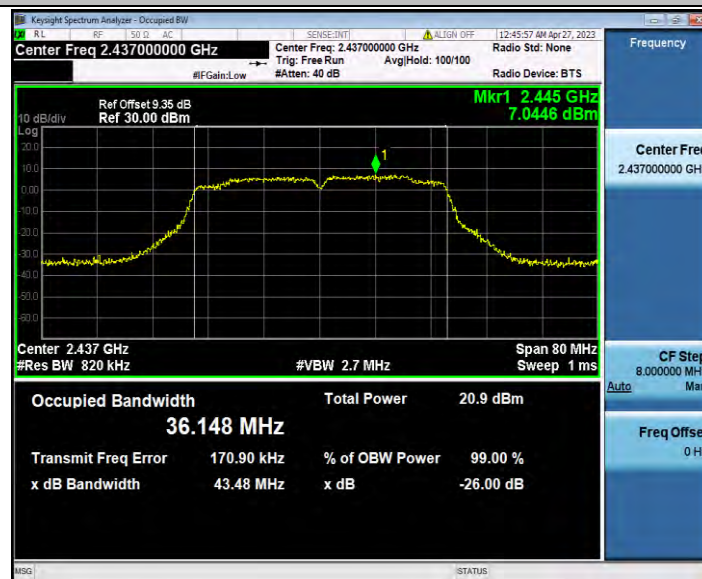
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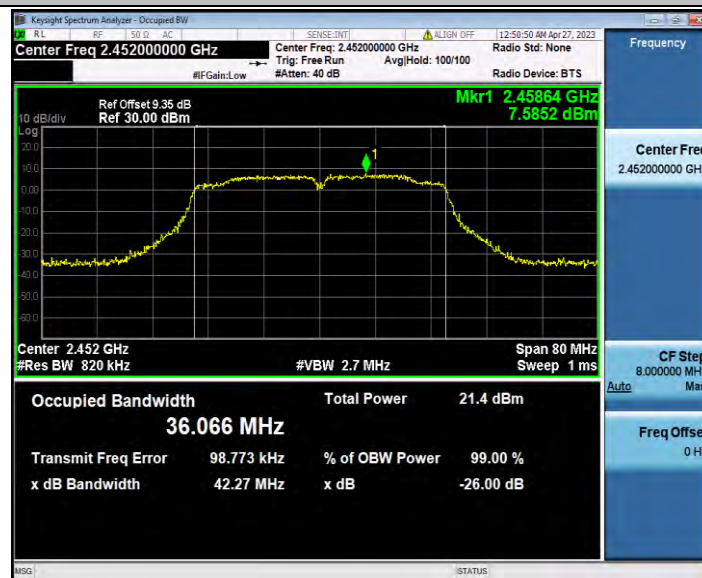
11N20SISO_Ant2_2412



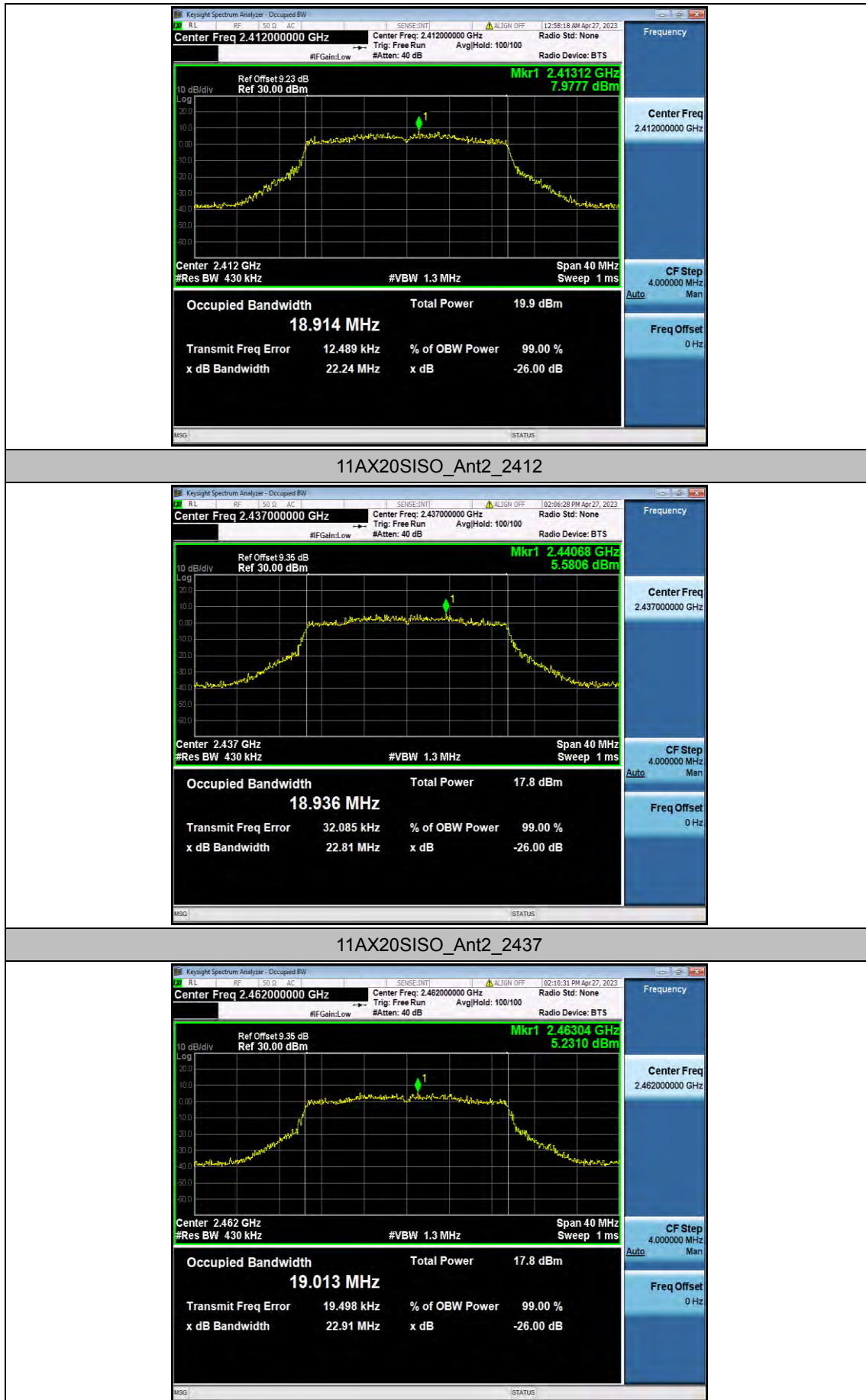
11N40SISO_Ant2_2422



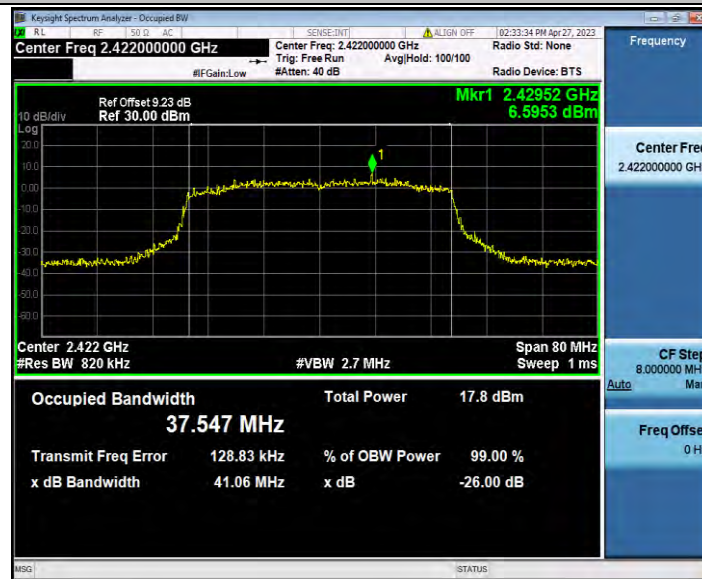
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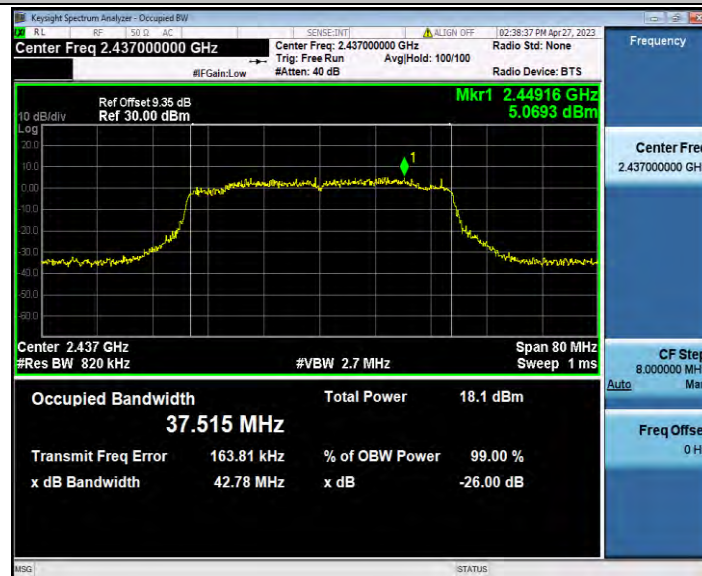
11N40SISO_Ant2_2452



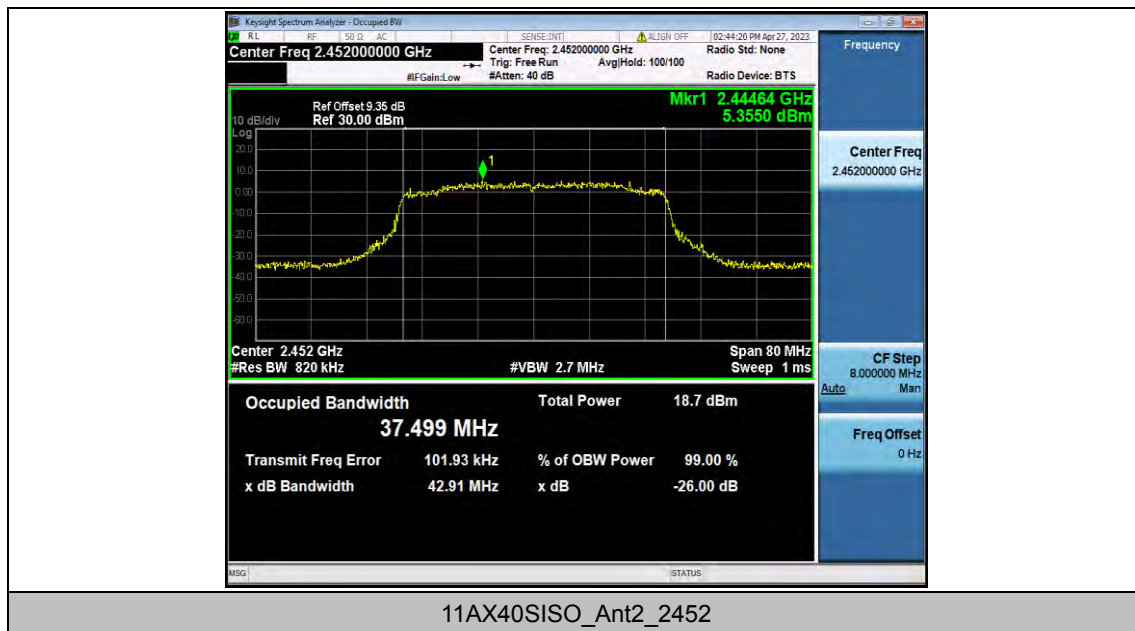
11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



Appendix C.3: Maximum conducted output power

Test Result Peak

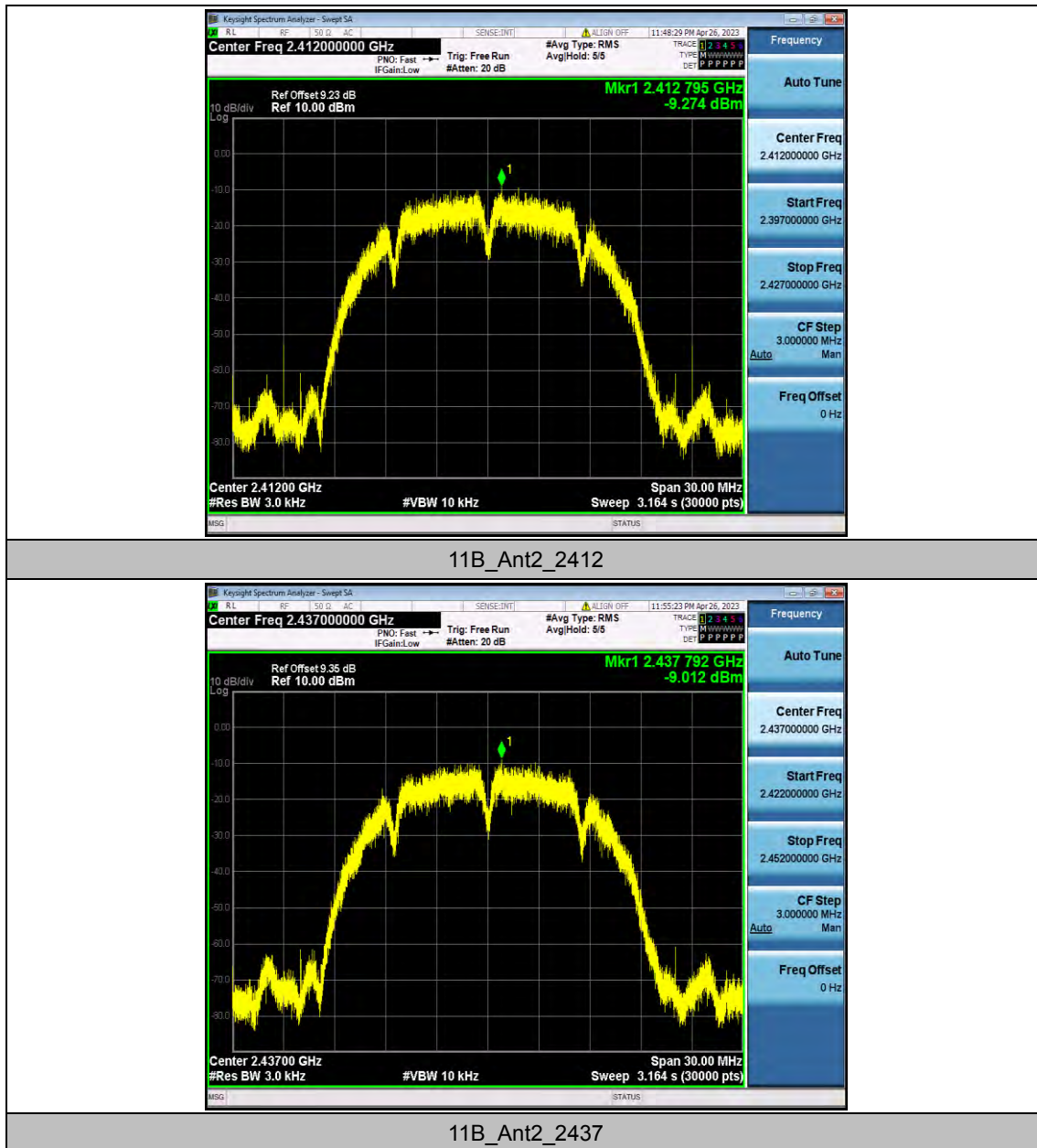
TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant2	2412	16.94	≤30.00	PASS
		2437	17.29	≤30.00	PASS
		2462	17.79	≤30.00	PASS
11G	Ant2	2412	20.39	≤30.00	PASS
		2437	21.01	≤30.00	PASS
		2462	21.65	≤30.00	PASS
11N20SISO	Ant2	2412	20.27	≤30.00	PASS
		2437	20.87	≤30.00	PASS
		2462	21.32	≤30.00	PASS
11N40SISO	Ant2	2422	20.97	≤30.00	PASS
		2437	21.24	≤30.00	PASS
		2452	21.67	≤30.00	PASS
11AX20SISO	Ant2	2412	20.53	≤30.00	PASS
		2437	18.10	≤30.00	PASS
		2462	18.35	≤30.00	PASS
11AX40SISO	Ant2	2422	17.89	≤30.00	PASS
		2437	18.12	≤30.00	PASS
		2452	18.73	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

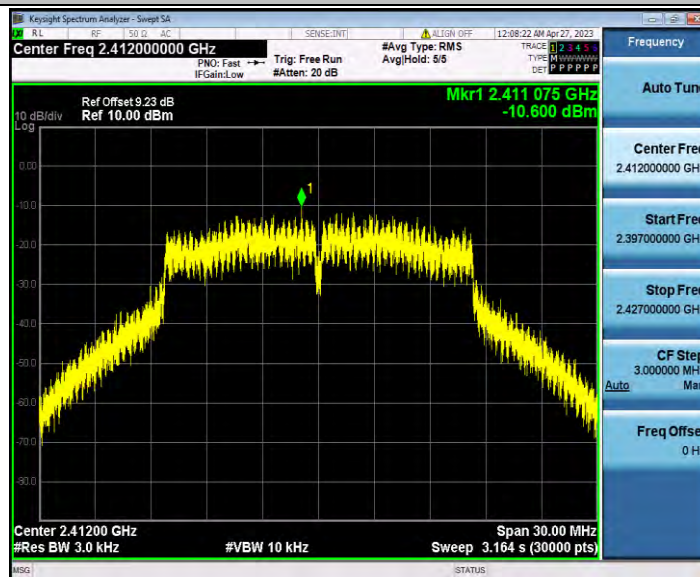
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-9.27	≤8.00	PASS
		2437	-9.01	≤8.00	PASS
		2462	-7.87	≤8.00	PASS
11G	Ant2	2412	-10.6	≤8.00	PASS
		2437	-11.02	≤8.00	PASS
		2462	-10.43	≤8.00	PASS
11N20SISO	Ant2	2412	-11.78	≤8.00	PASS
		2437	-11.03	≤8.00	PASS
		2462	-10.97	≤8.00	PASS
11N40SISO	Ant2	2422	-14.24	≤8.00	PASS
		2437	-11.97	≤8.00	PASS
		2452	-13.7	≤8.00	PASS
11AX20SISO	Ant2	2412	-12.67	≤8.00	PASS
		2437	-14.02	≤8.00	PASS
		2462	-14.98	≤8.00	PASS
11AX40SISO	Ant2	2422	-17.62	≤8.00	PASS
		2437	-16.77	≤8.00	PASS
		2452	-17.43	≤8.00	PASS

Test Graphs

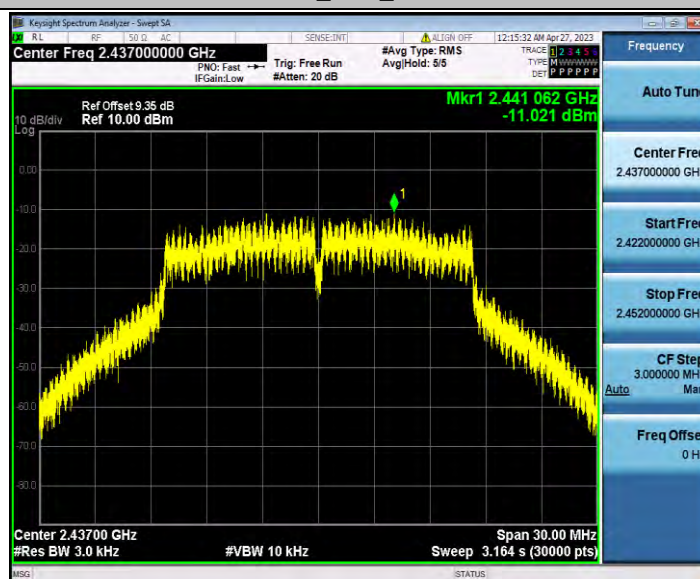




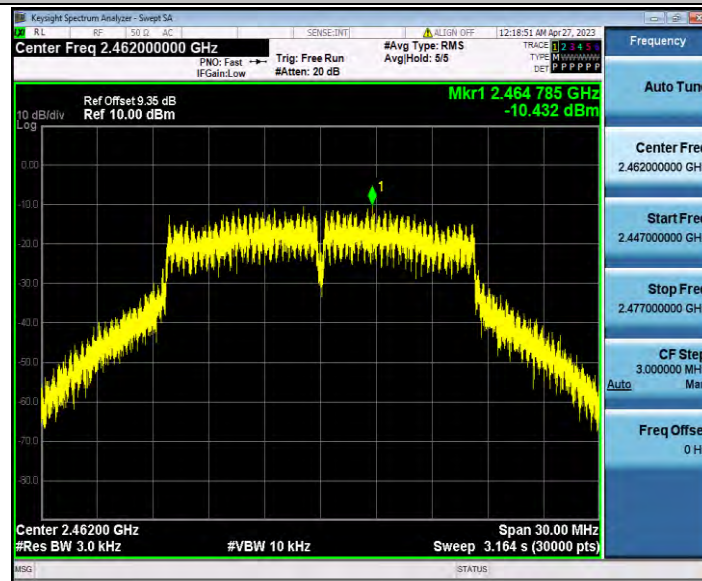
11B_Ant2_2462



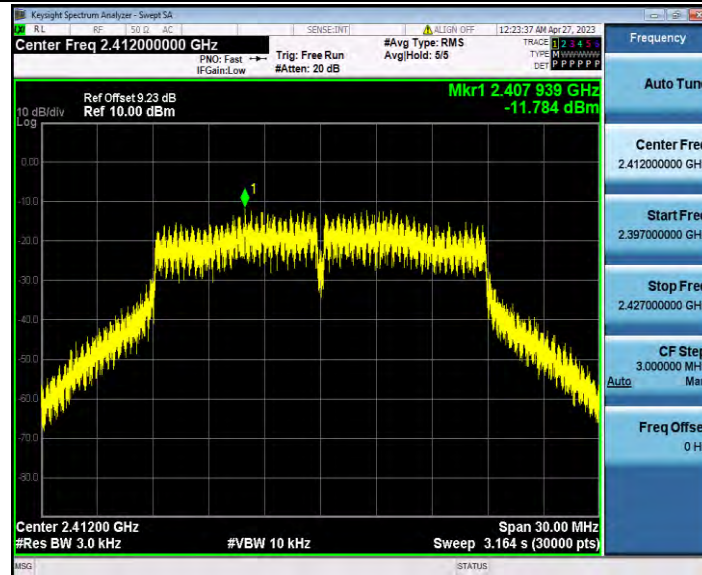
11G_Ant2_2412



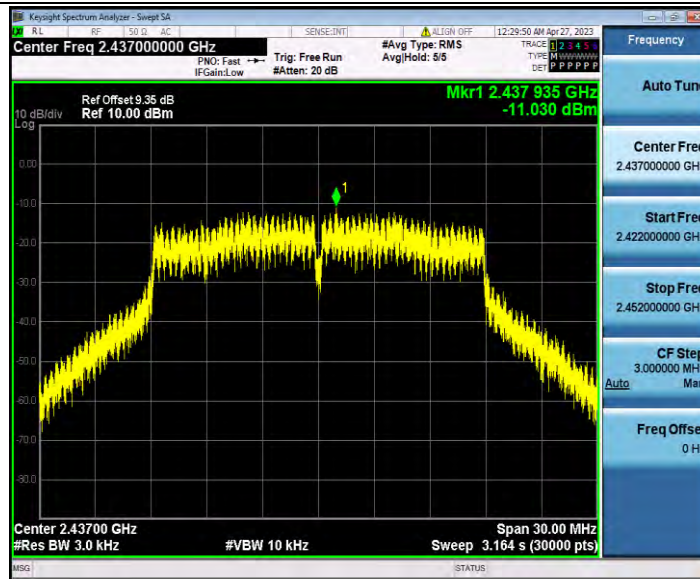
11G_Ant2_2437



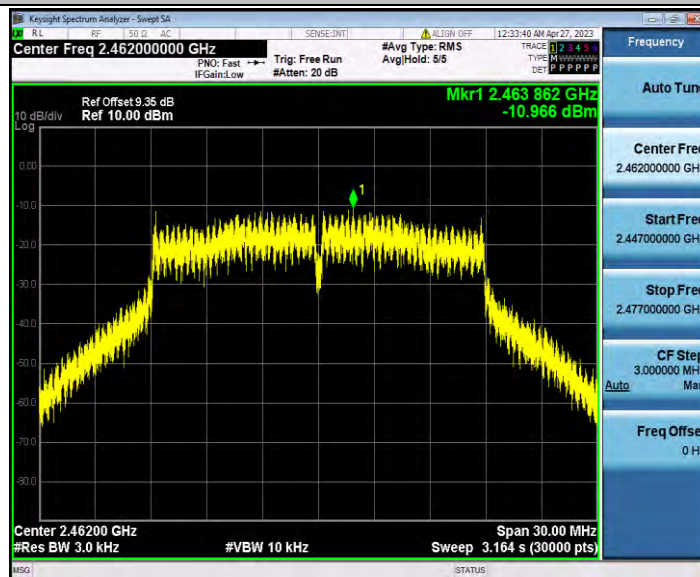
11G_Ant2_2462



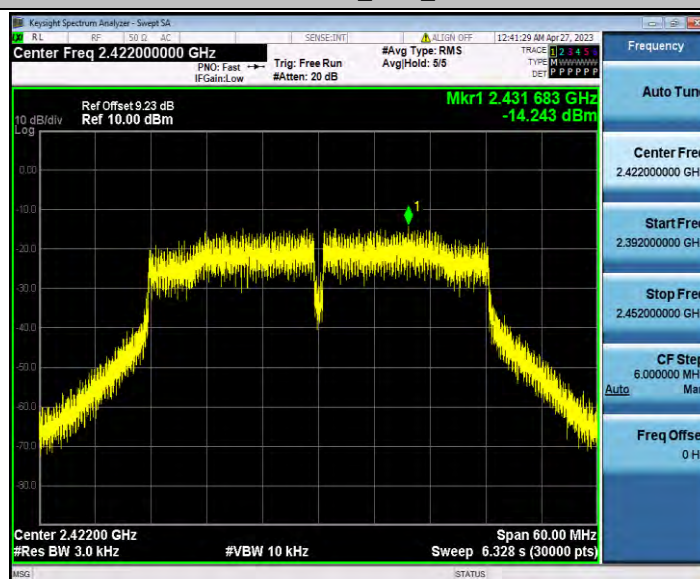
11N20SISO_Ant2_2412



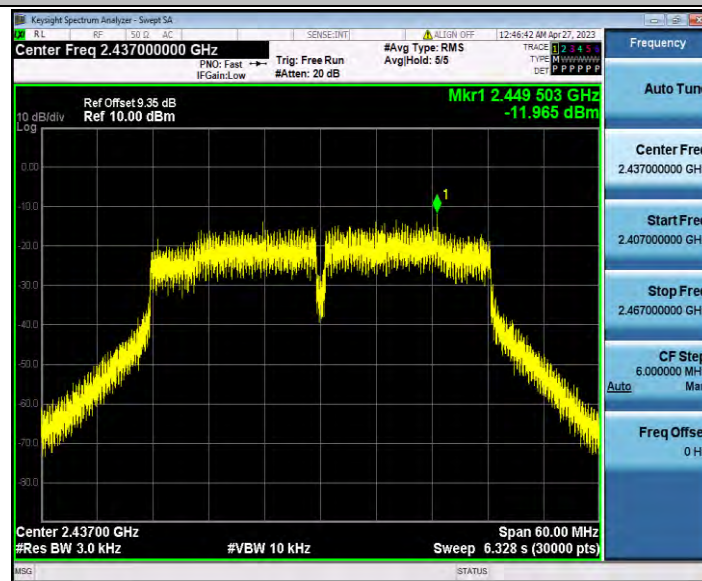
11N20SISO_Ant2_2437



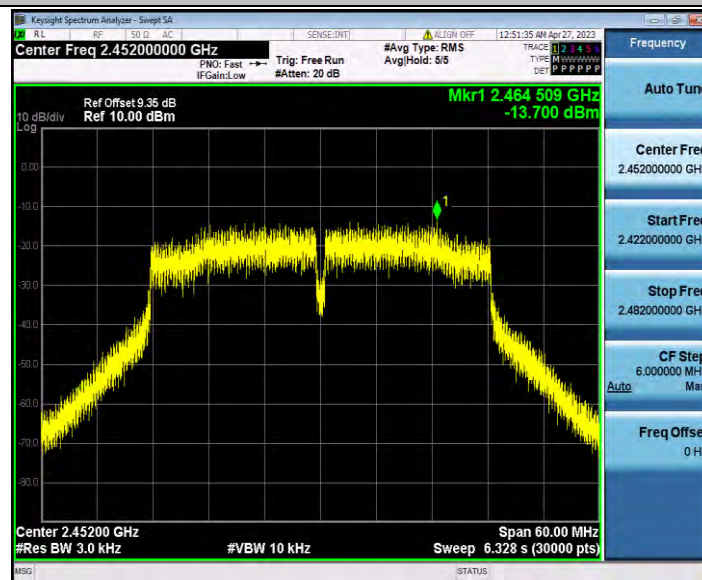
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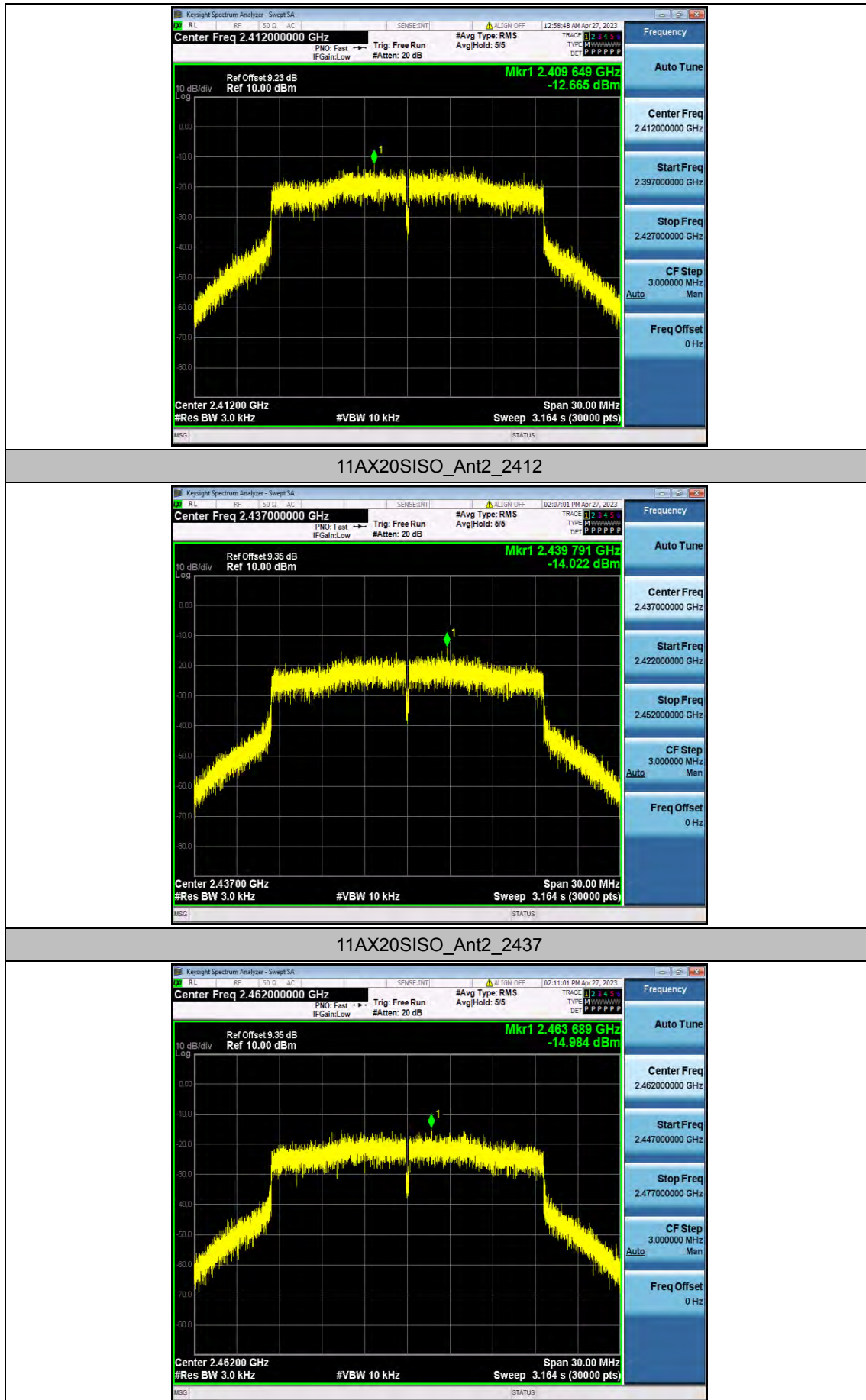
11N40SISO_Ant2_2422



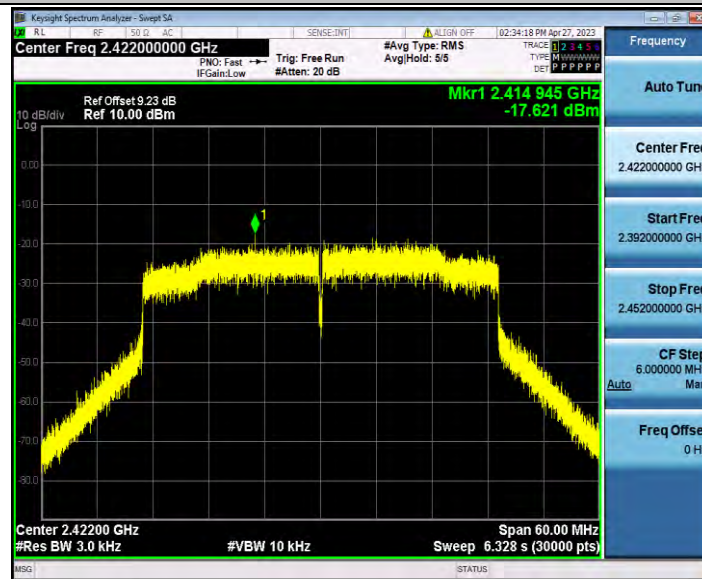
11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437

