

Case No. : <u>GTS20241014025-3-03</u>	
Ambient Condition: <u>21</u> °C, <u>51</u> %RH, According Standard: ■Part15C	
Test Date: <u>2024.11.19</u>	Test Engineer: <u>Evan ouyang</u>

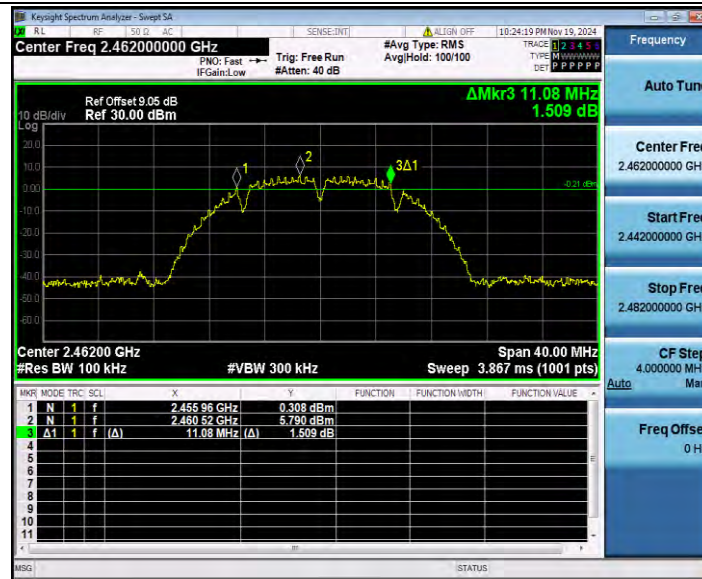
Appendix C.1: DTS Bandwidth

Test Result

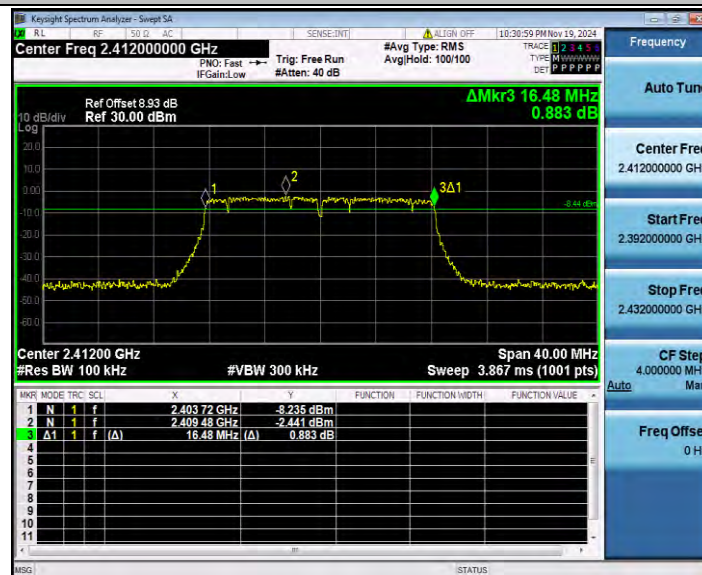
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	11.080	2406.920	2418.000	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	11.080	2455.960	2467.040	0.5	PASS
11G	Ant2	2412	16.480	2403.720	2420.200	0.5	PASS
		2437	16.440	2428.800	2445.240	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant2	2412	17.640	2403.160	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant2	2422	36.480	2403.760	2440.240	0.5	PASS
		2437	36.480	2418.760	2455.240	0.5	PASS
		2452	36.480	2433.760	2470.240	0.5	PASS
11AX20SISO	Ant2	2412	19.000	2402.480	2421.480	0.5	PASS
		2437	19.040	2427.480	2446.520	0.5	PASS
		2462	19.000	2452.480	2471.480	0.5	PASS
11AX40SISO	Ant2	2422	38.080	2402.960	2441.040	0.5	PASS
		2437	38.080	2417.960	2456.040	0.5	PASS
		2452	38.000	2432.960	2470.960	0.5	PASS

Test Graphs

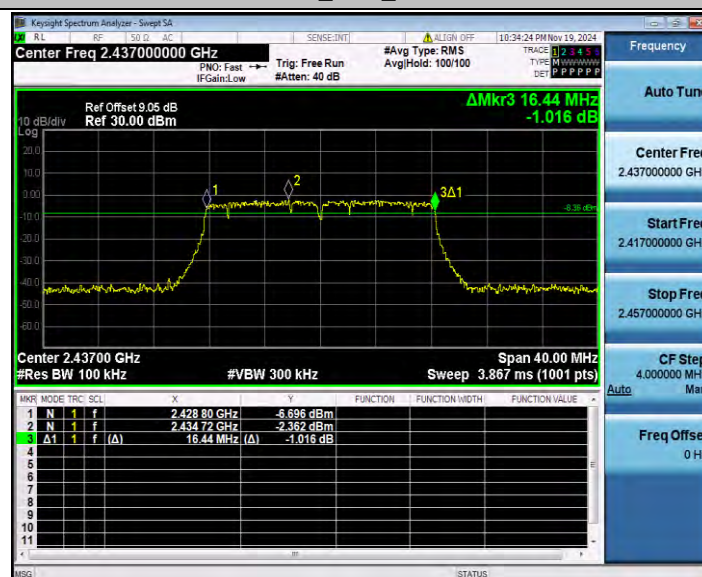




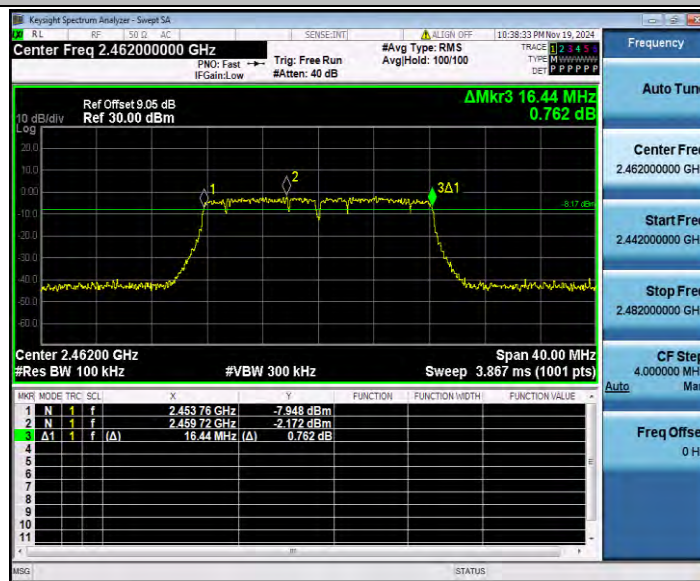
11G_Ant2_2412



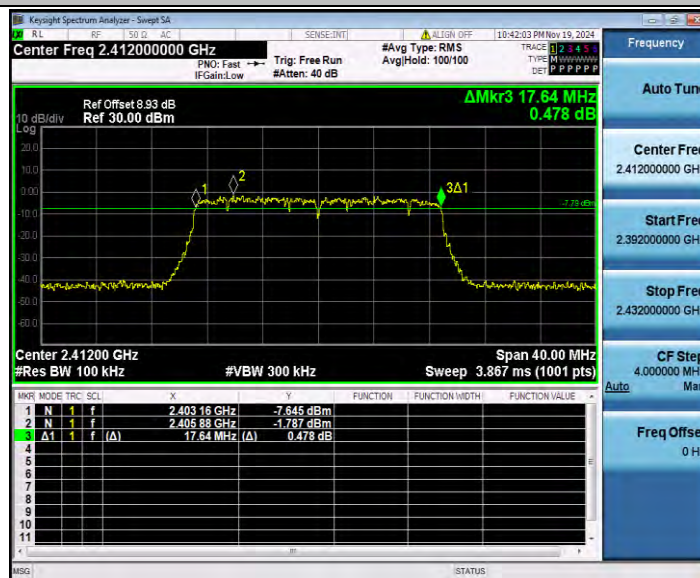
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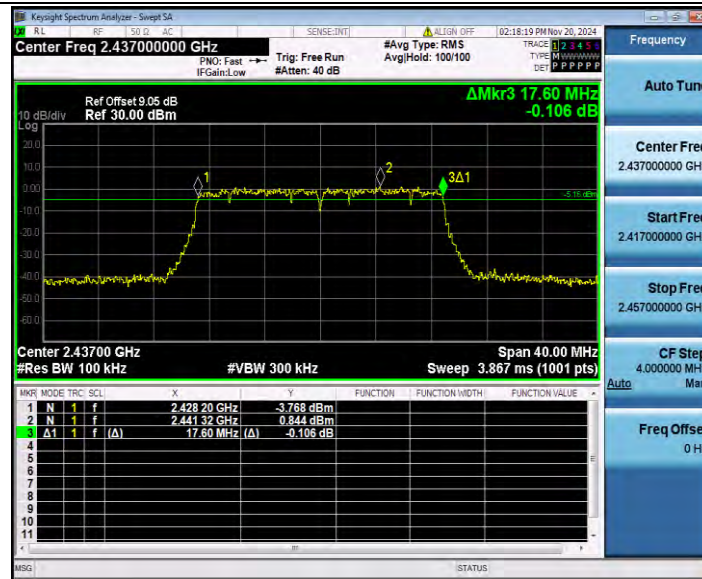
11G_Ant2_2462



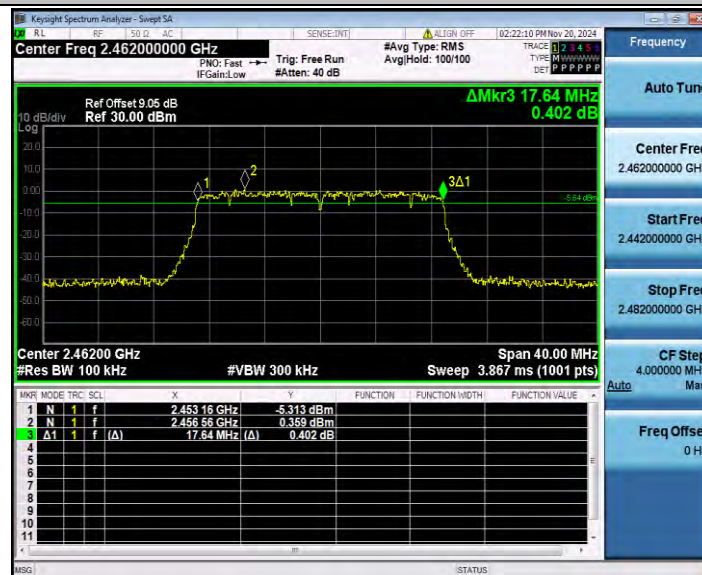
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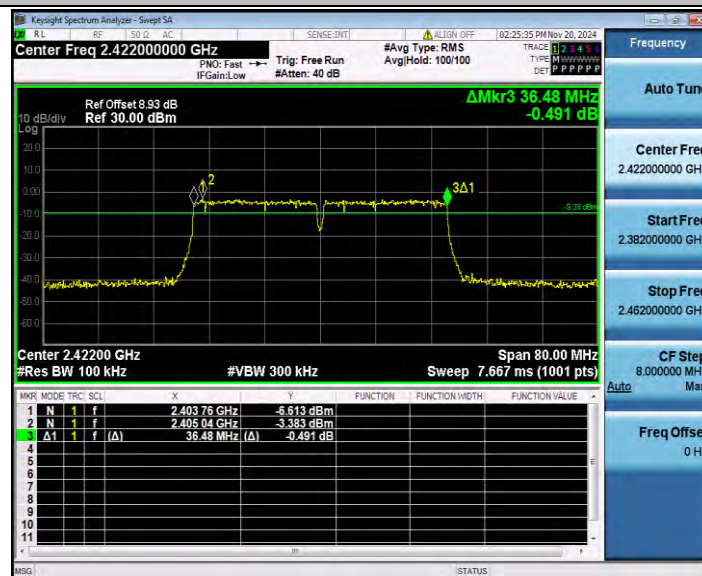
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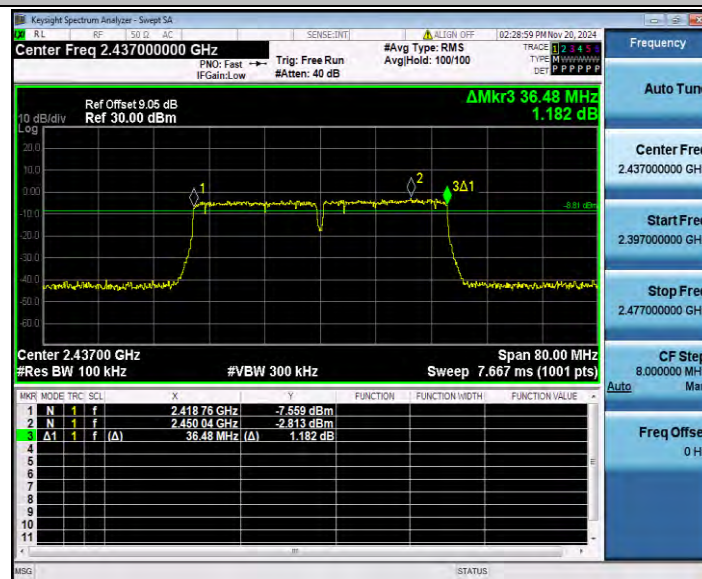
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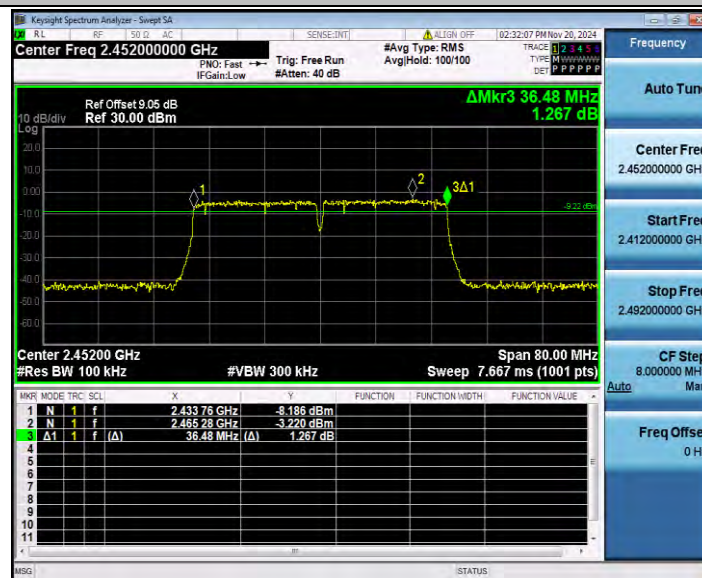
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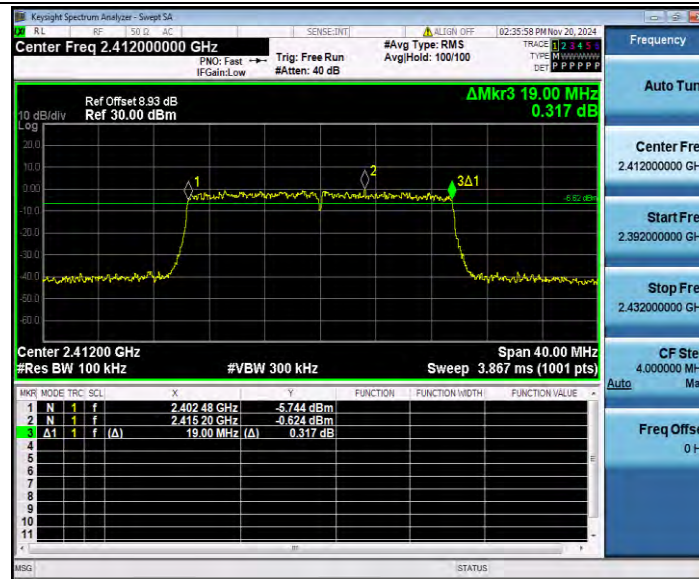
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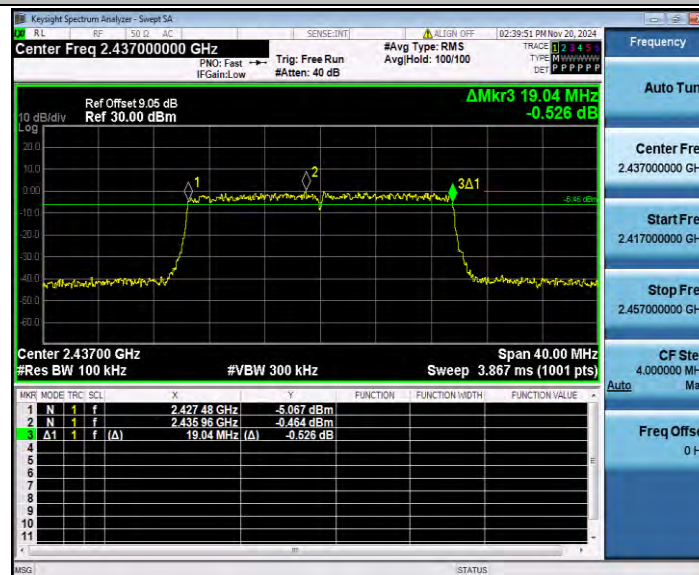
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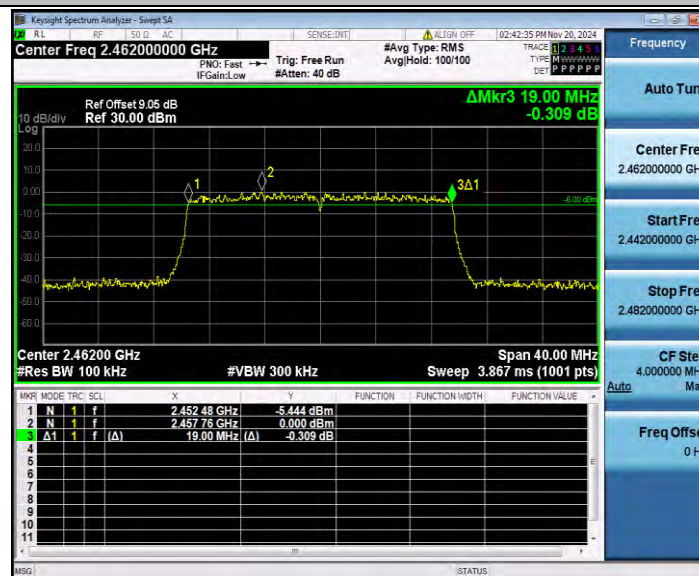
11AX20SISO_Ant2_2412



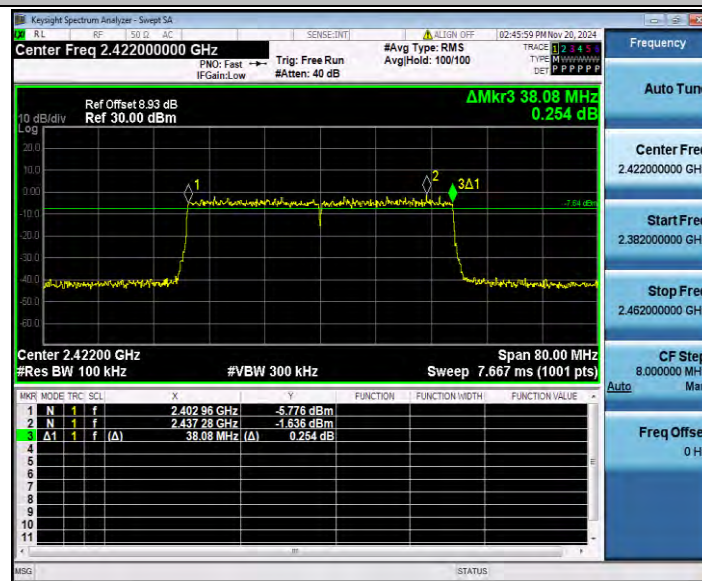
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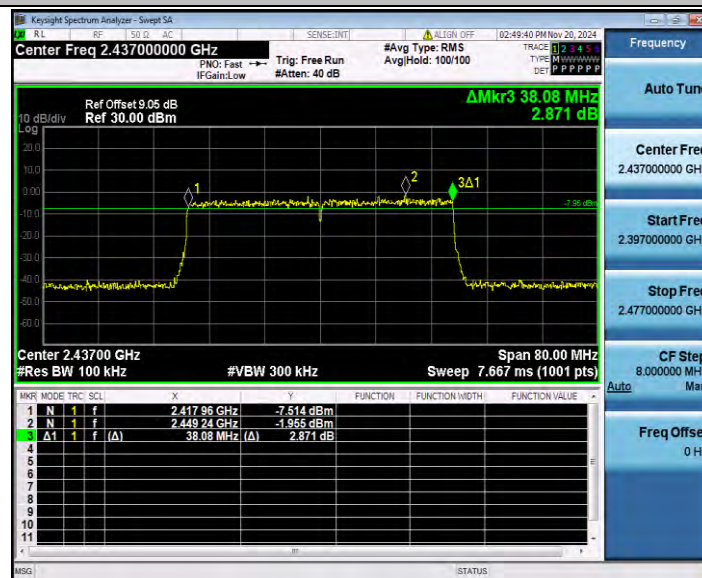
11AX20SISO_Ant2_2462



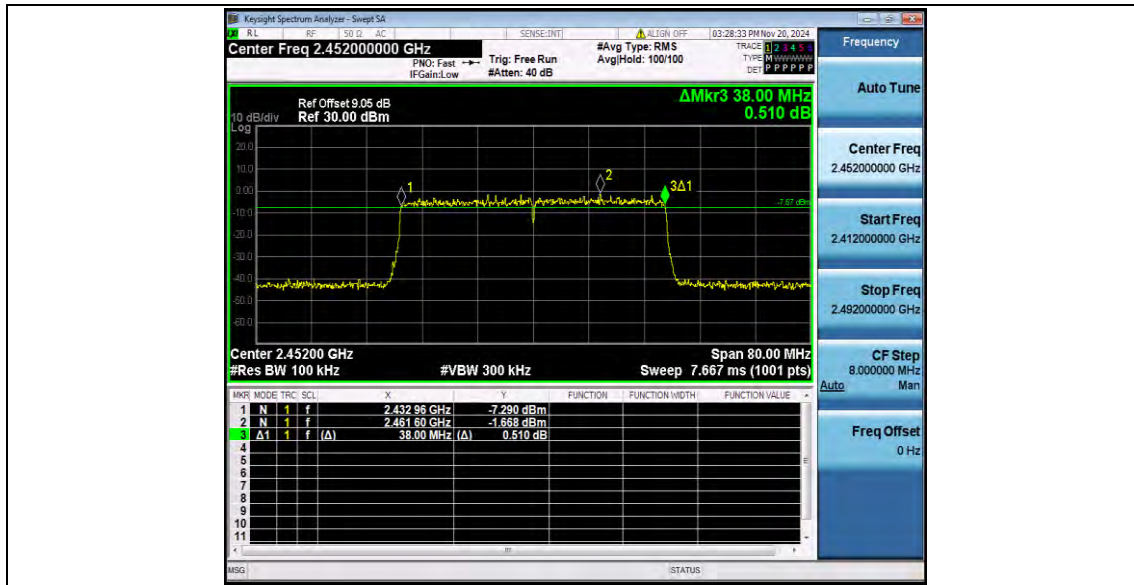
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



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	14.906	2404.5822	2419.4882	---	---
		2437	14.954	2429.5106	2444.4646	---	---
		2462	14.908	2454.5165	2469.4245	---	---
11G	Ant2	2412	16.513	2403.7068	2420.2198	---	---
		2437	16.491	2428.7558	2445.2468	---	---
		2462	16.456	2453.7664	2470.2224	---	---
11N20SISO	Ant2	2412	17.556	2403.1991	2420.7551	---	---
		2437	17.557	2428.2351	2445.7921	---	---
		2462	17.587	2453.2086	2470.7956	---	---
11N40SISO	Ant2	2422	36.269	2403.8755	2440.1445	---	---
		2437	36.259	2418.9151	2455.1741	---	---
		2452	36.140	2433.9694	2470.1094	---	---
11AX20SISO	Ant2	2412	18.925	2402.5277	2421.4527	---	---
		2437	18.932	2427.5465	2446.4785	---	---
		2462	18.891	2452.5660	2471.4570	---	---
11AX40SISO	Ant2	2422	37.962	2403.0444	2441.0064	---	---
		2437	37.918	2418.0865	2456.0045	---	---
		2452	37.857	2433.1321	2470.9891	---	---

Test Graphs

11B_Ant2_2412



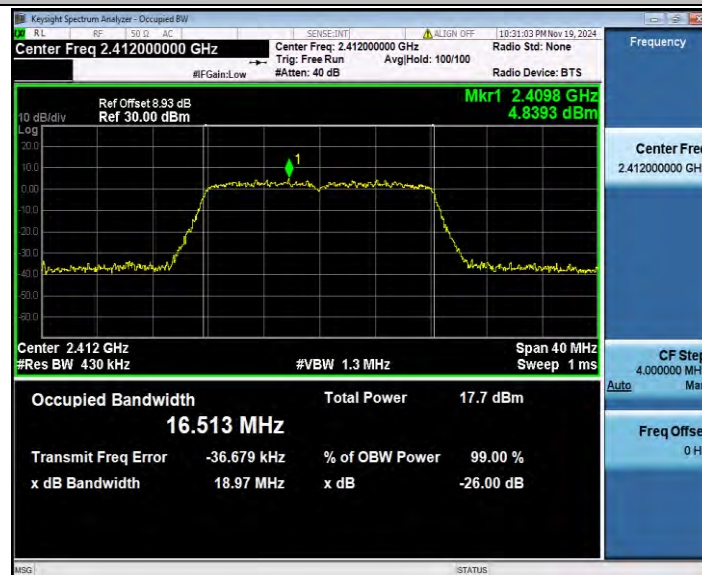
11B_Ant2_2437



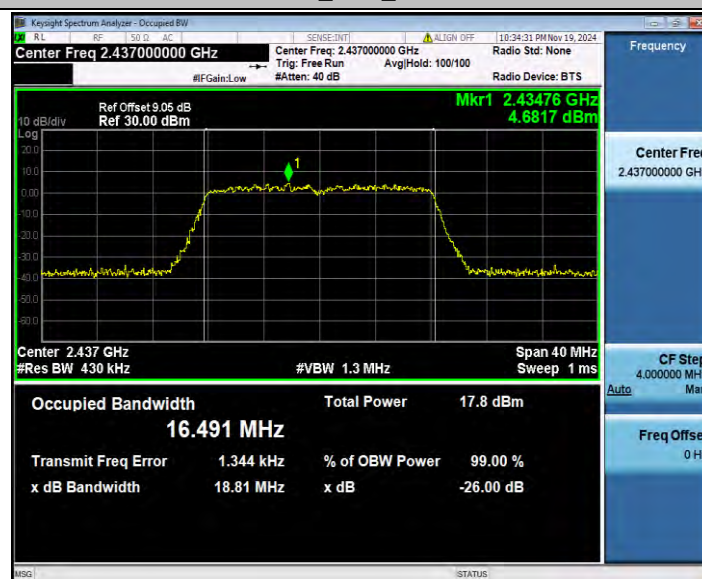
11B_Ant2_2462



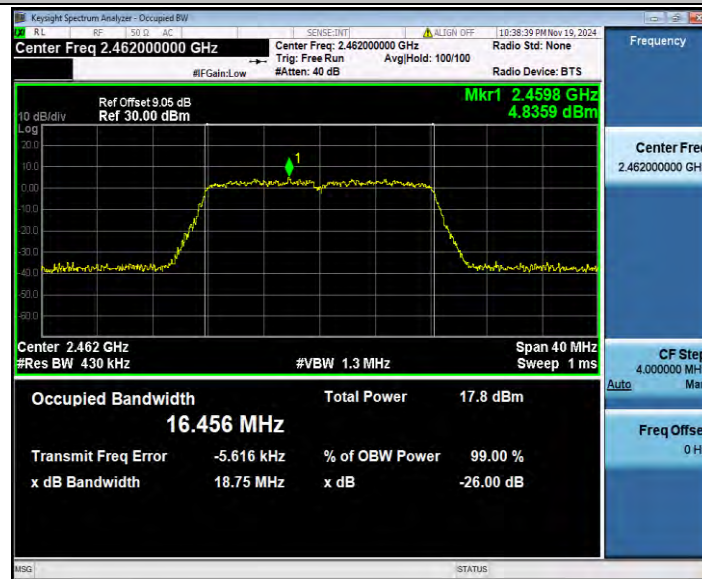
11G_Ant2_2412



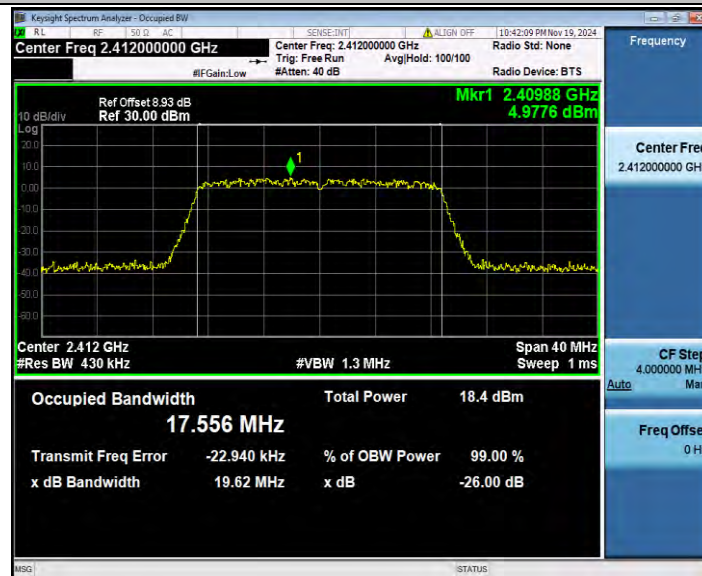
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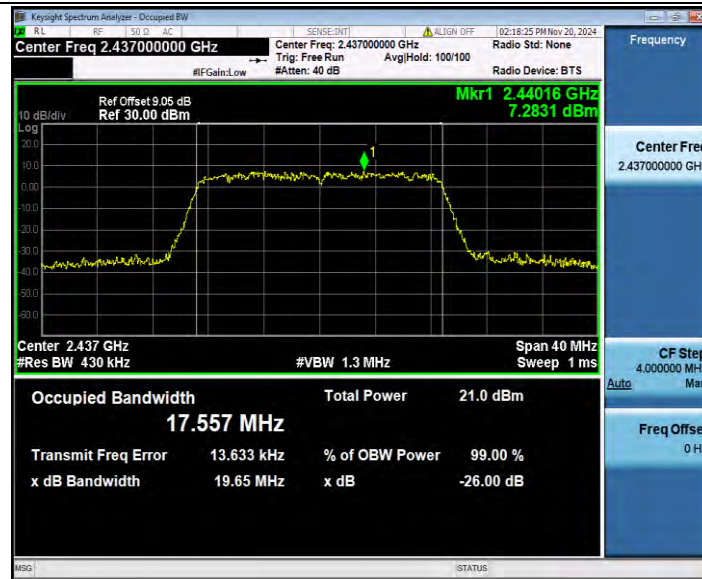
11G_Ant2_2462



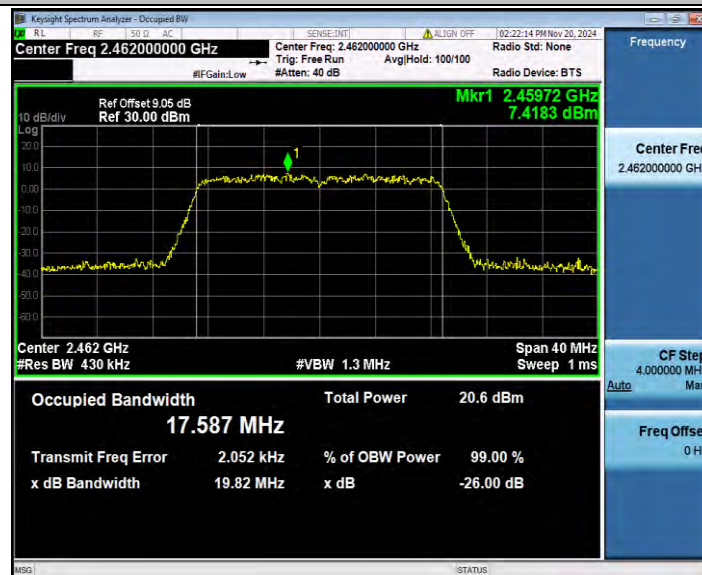
11N20SISO_Ant2_2412



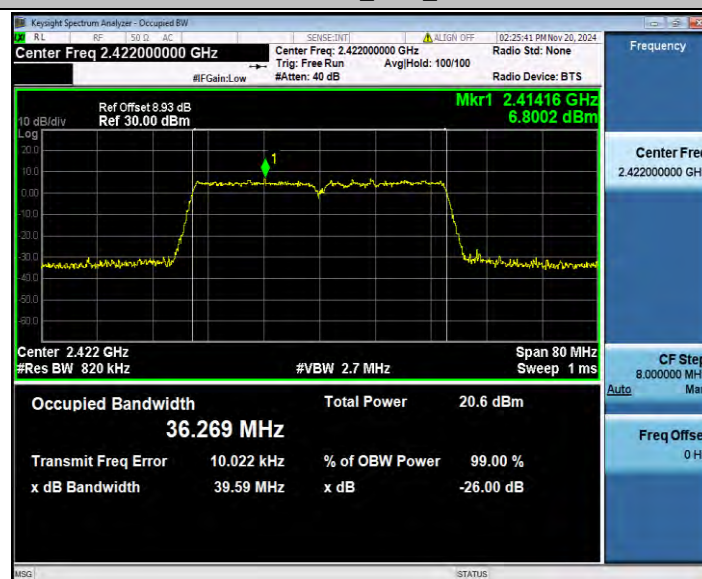
11N20SISO_Ant2_2437



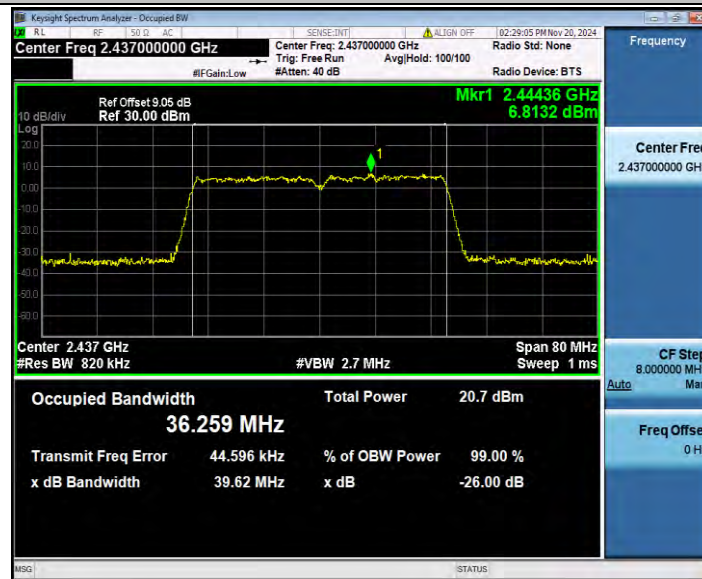
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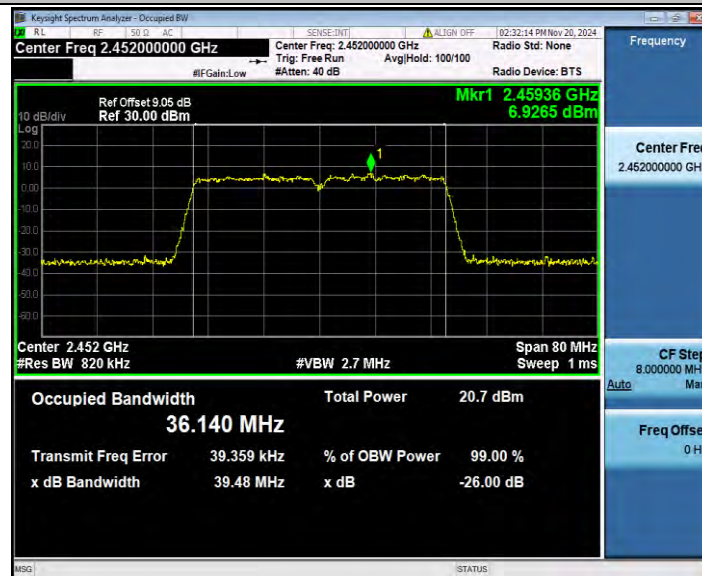
11N40SISO_Ant2_2422



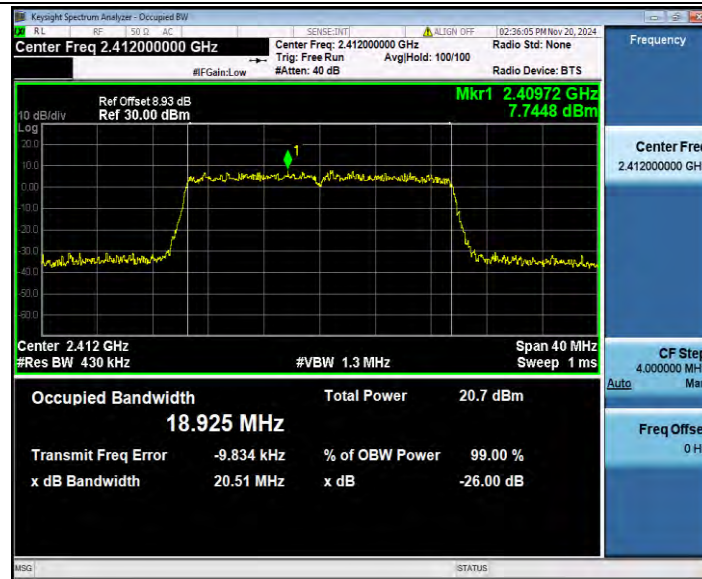
11N40SISO_Ant2_2437



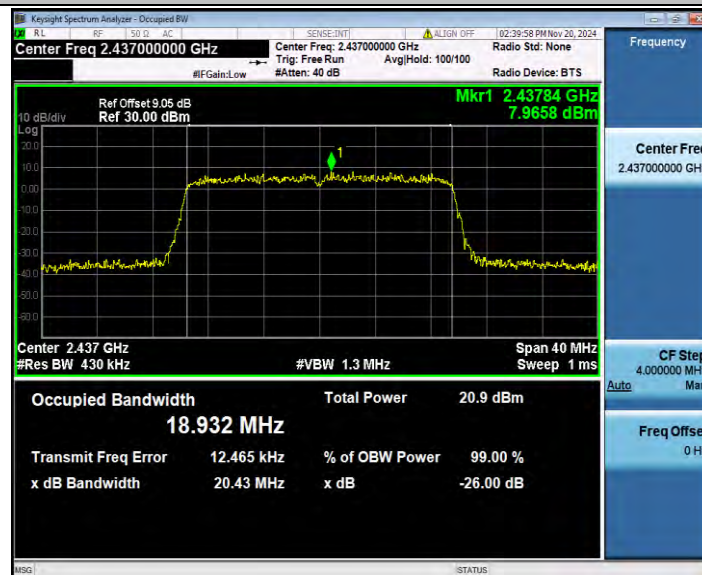
11N40SISO_Ant2_2452



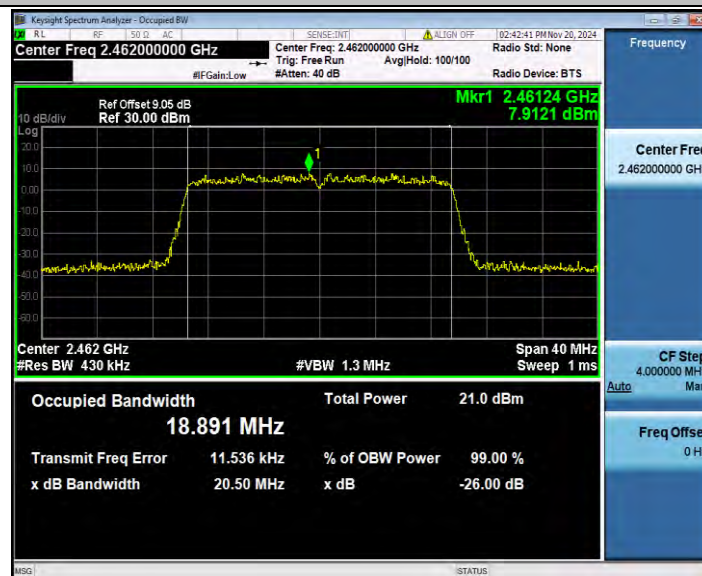
11AX20SISO_Ant2_2412



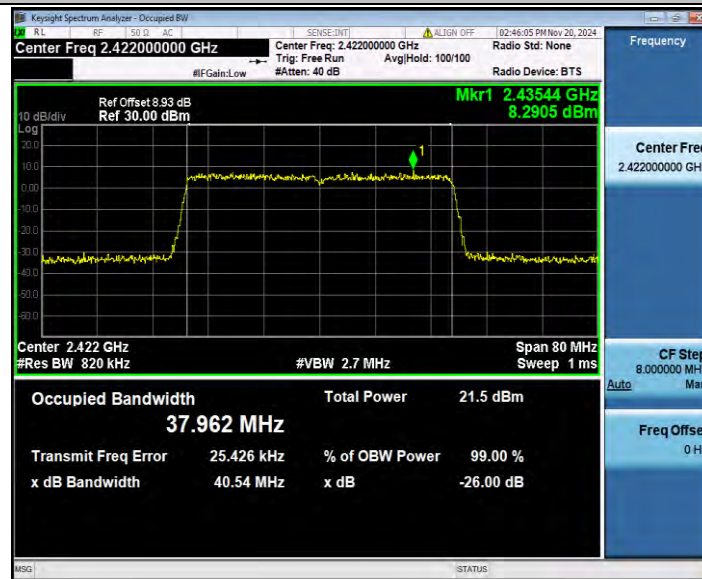
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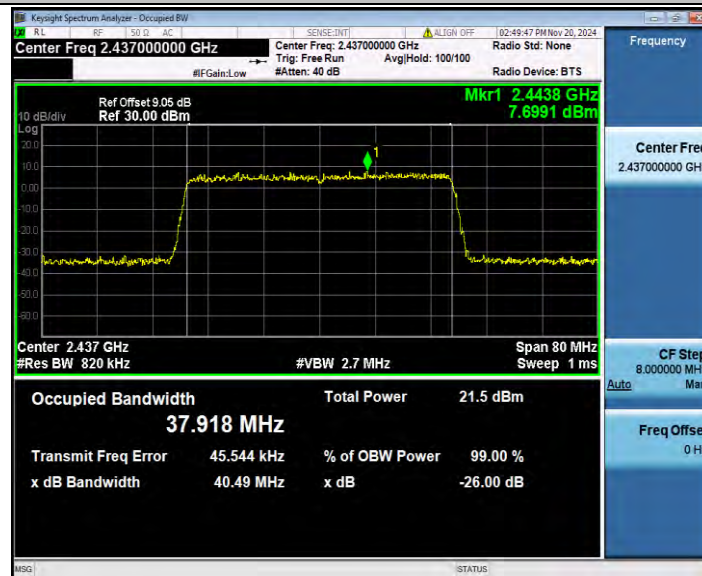
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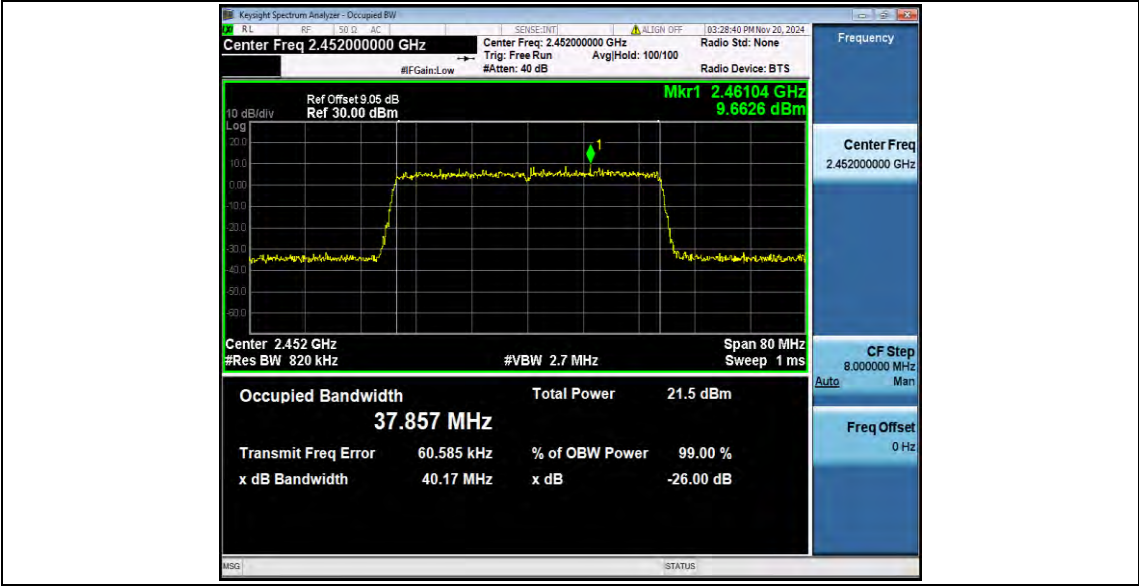
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	19.04	≤30.00	PASS
		2437	19.34	≤30.00	PASS
		2462	19.41	≤30.00	PASS
11G	Ant2	2412	18.90	≤30.00	PASS
		2437	18.95	≤30.00	PASS
		2462	18.95	≤30.00	PASS
11N20SISO	Ant2	2412	19.40	≤30.00	PASS
		2437	21.98	≤30.00	PASS
		2462	21.66	≤30.00	PASS
11N40SISO	Ant2	2422	20.93	≤30.00	PASS
		2437	20.85	≤30.00	PASS
		2452	20.88	≤30.00	PASS
11AX20SISO	Ant2	2412	21.99	≤30.00	PASS
		2437	22.28	≤30.00	PASS
		2462	22.30	≤30.00	PASS
11AX40SISO	Ant2	2422	21.60	≤30.00	PASS
		2437	21.53	≤30.00	PASS
		2452	21.56	≤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	-7.56	≤8.00	PASS
		2437	-8.12	≤8.00	PASS
		2462	-7.96	≤8.00	PASS
11G	Ant2	2412	-5.73	≤8.00	PASS
		2437	-5.68	≤8.00	PASS
		2462	-5.69	≤8.00	PASS
11N20SISO	Ant2	2412	-5.43	≤8.00	PASS
		2437	-2.77	≤8.00	PASS
		2462	-3.11	≤8.00	PASS
11N40SISO	Ant2	2422	-7.17	≤8.00	PASS
		2437	-6.62	≤8.00	PASS
		2452	-6.59	≤8.00	PASS
11AX20SISO	Ant2	2412	-10.20	≤8.00	PASS
		2437	-9.82	≤8.00	PASS
		2462	-9.85	≤8.00	PASS
11AX40SISO	Ant2	2422	-12.52	≤8.00	PASS
		2437	-12.24	≤8.00	PASS
		2452	-12.53	≤8.00	PASS

Test Graphs

11B_Ant2_2412



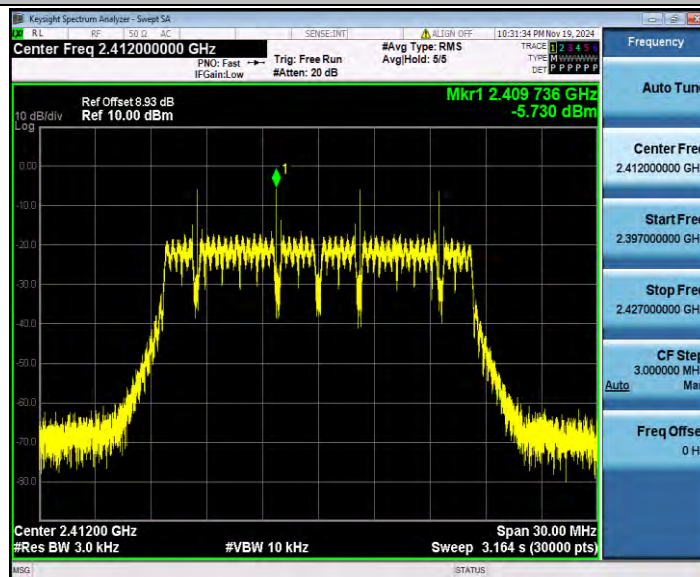
11B_Ant2_2437



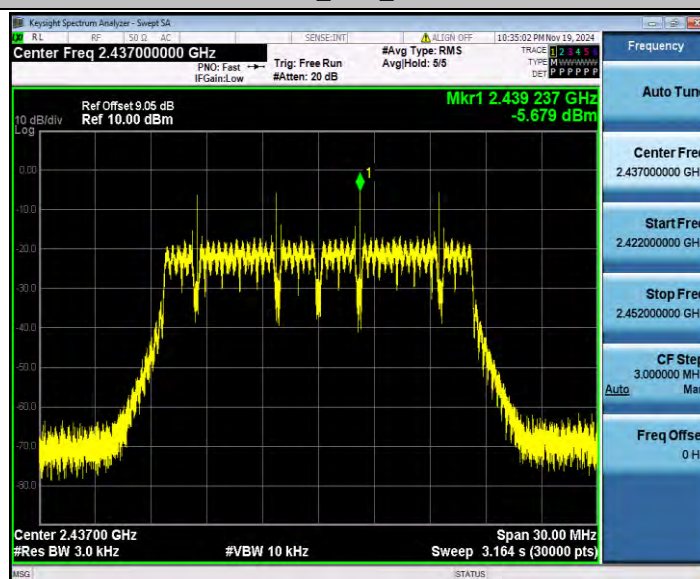
11B_Ant2_2462



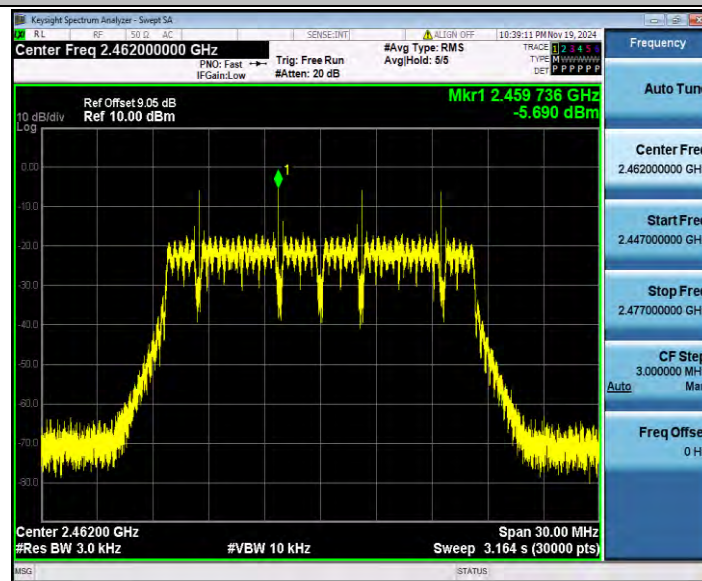
11G_Ant2_2412



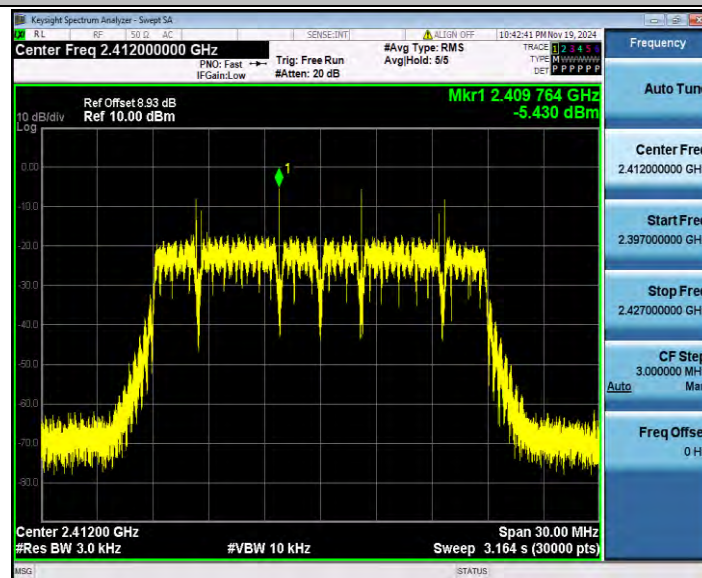
11G_Ant2_2437



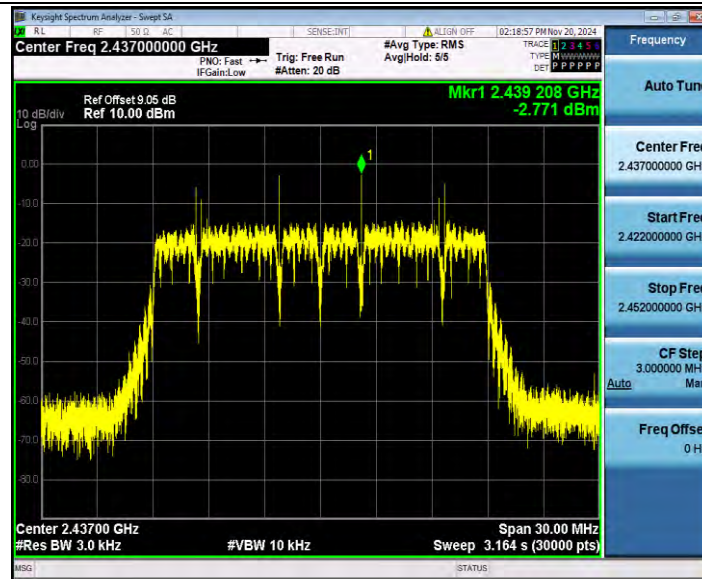
11G_Ant2_2462



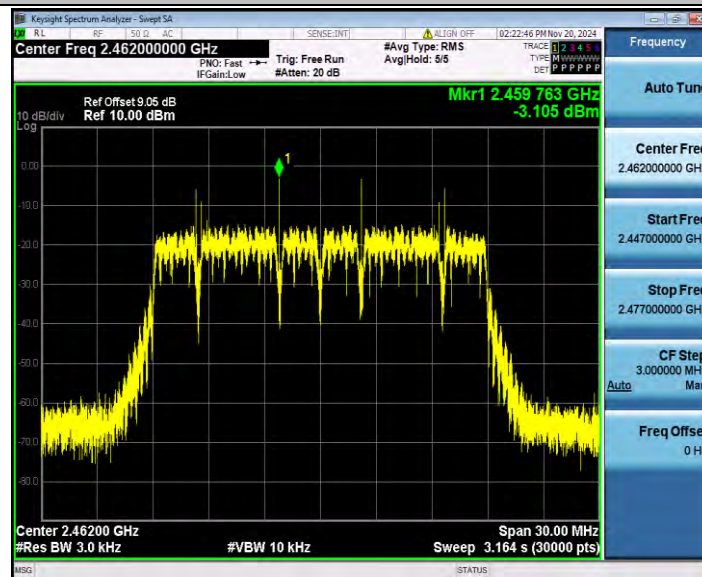
11N20SISO_Ant2_2412



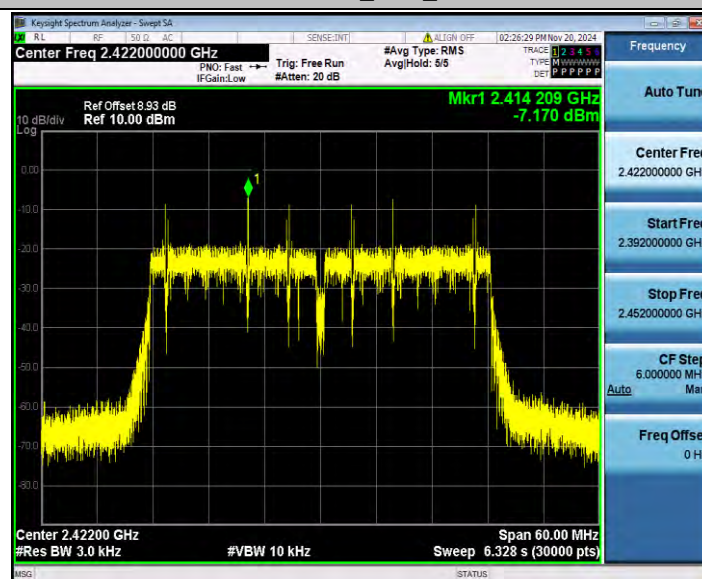
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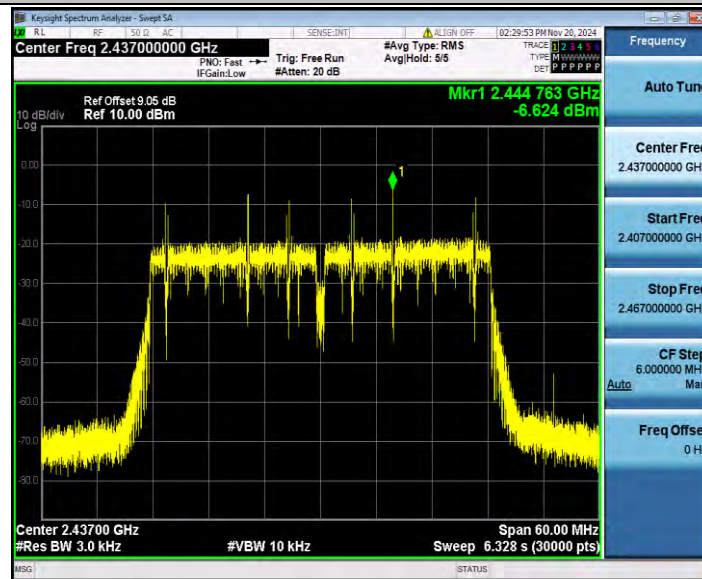
11N20SISO_Ant2_2462



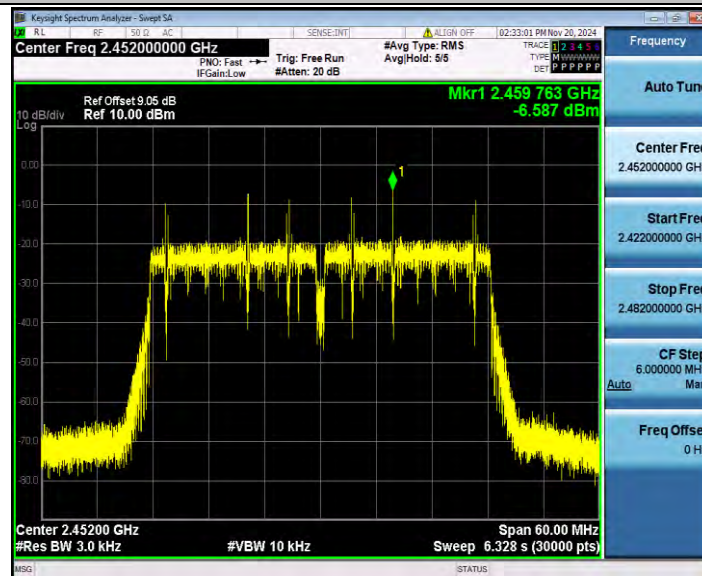
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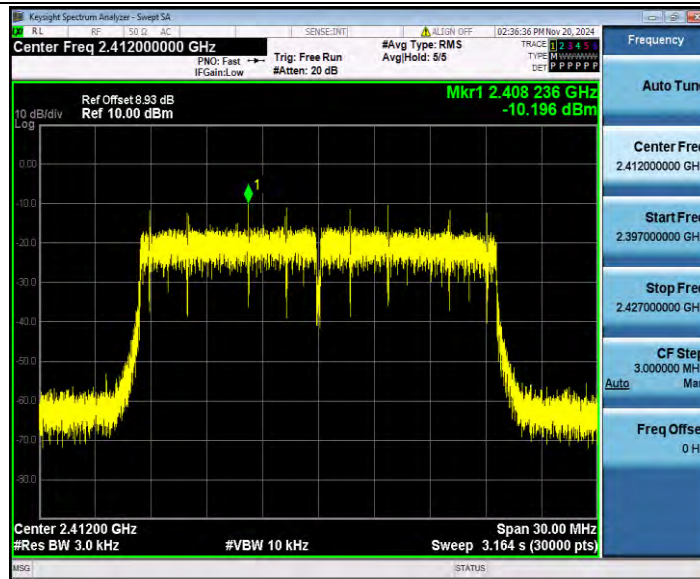
11N40SISO_Ant2_2437



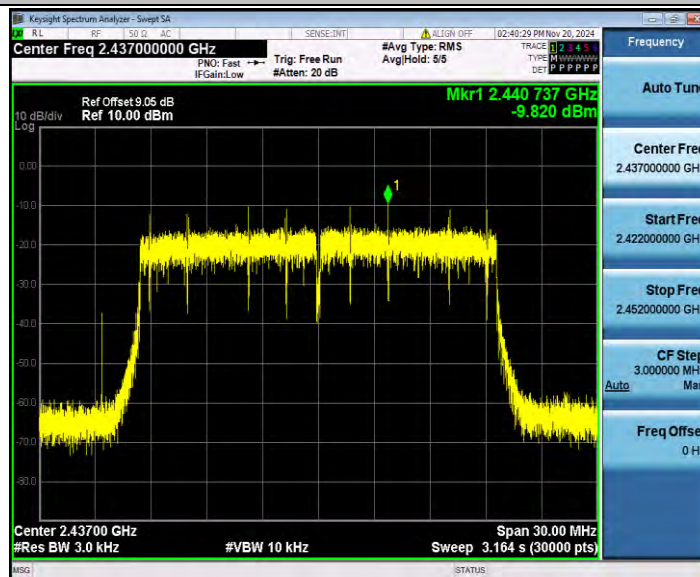
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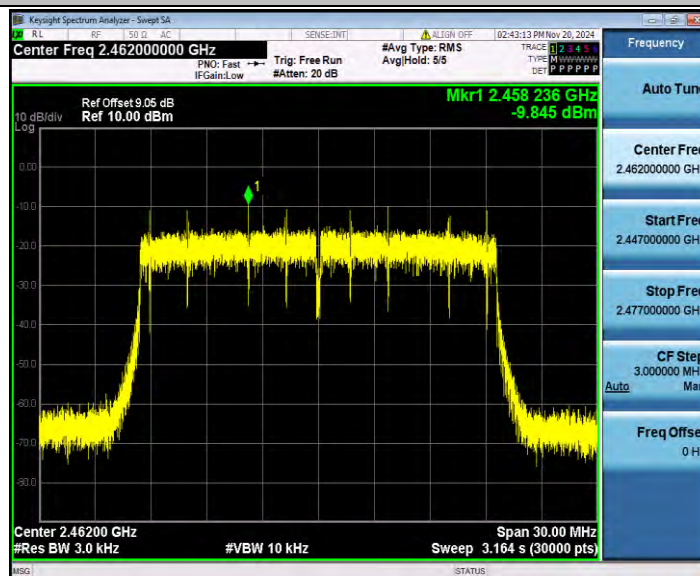
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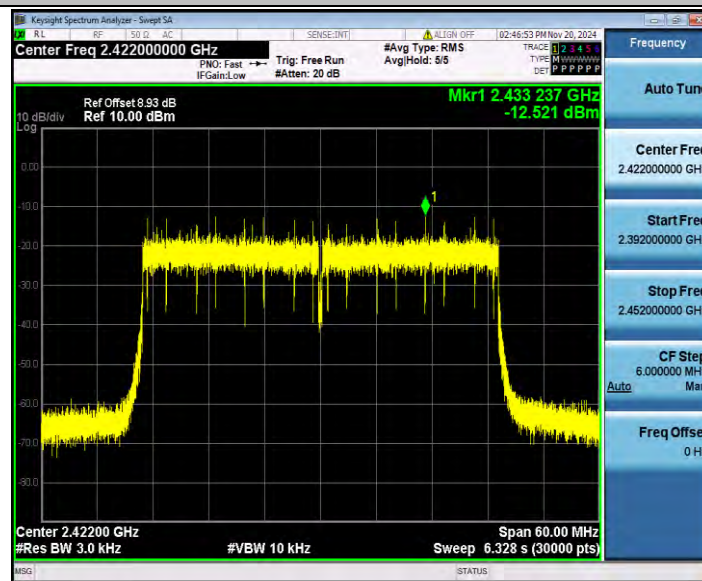
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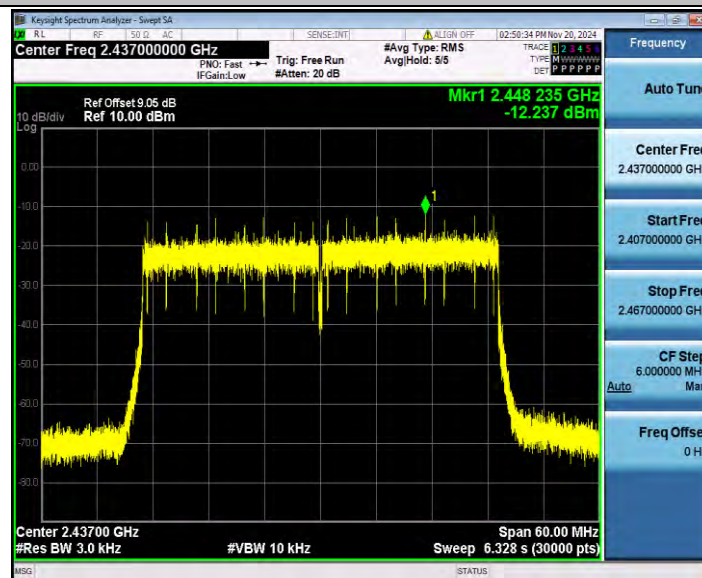
11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452

