

Case No. : <u>GTS20241129021-2-04</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.3.6</u>	Test Engineer: <u>Evan ouyang</u>

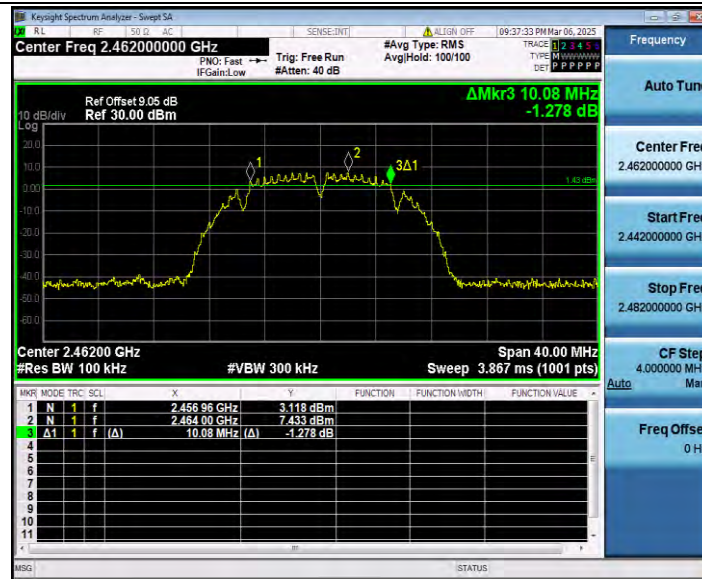
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.120	2431.960	2442.080	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant0	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N20SISO	Ant0	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.080	2429.480	2444.560	0.5	PASS
		2462	15.080	2454.480	2469.560	0.5	PASS
11N40SISO	Ant0	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant0	2412	16.400	2404.440	2420.840	0.5	PASS
		2437	16.400	2429.440	2445.840	0.5	PASS
		2462	16.400	2454.440	2470.840	0.5	PASS
11AX40SISO	Ant0	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs





11G_Ant0_2412



11G_Ant0_2437



11G_Ant0_2462



11N20SISO_Ant0_2412



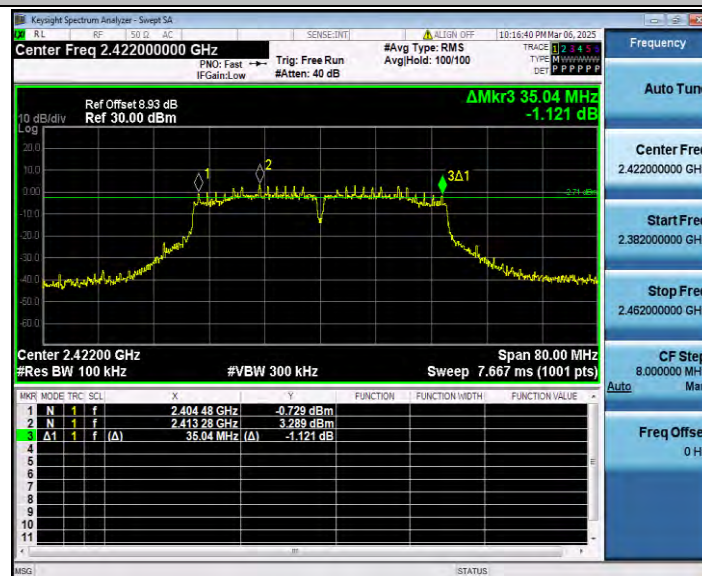
11N20SISO_Ant0_2437



11N20SISO_Ant0_2462



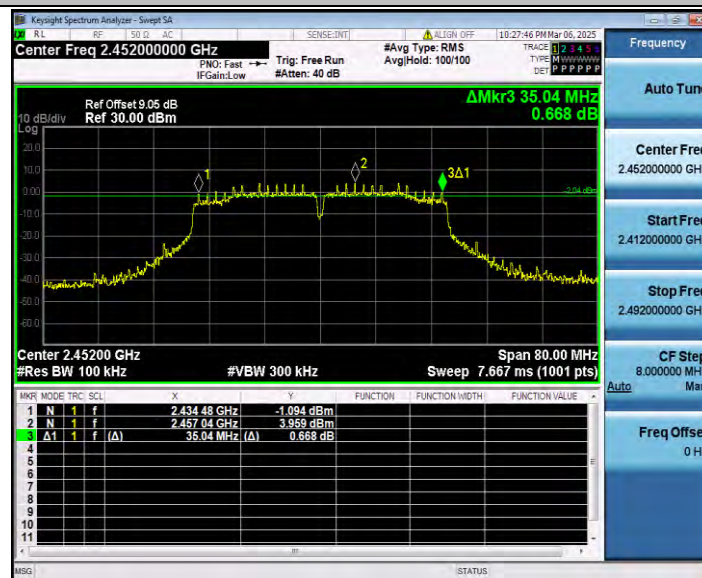
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



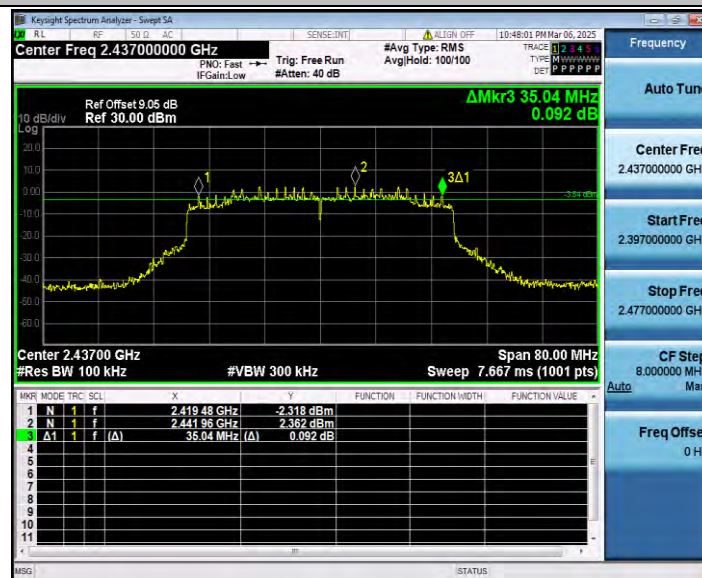
11AX20SISO_Ant0_2462



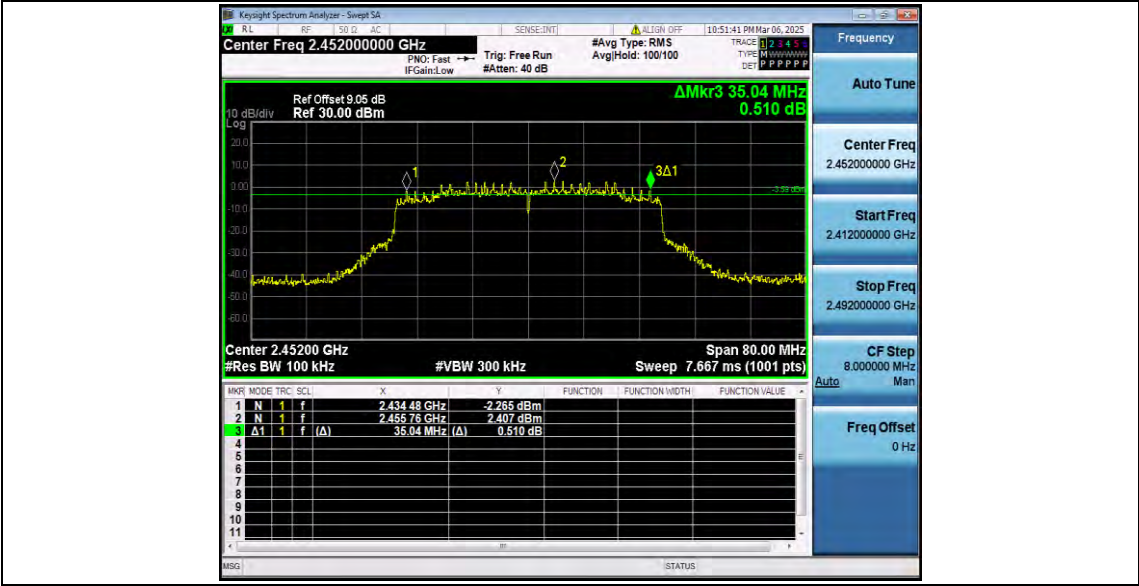
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



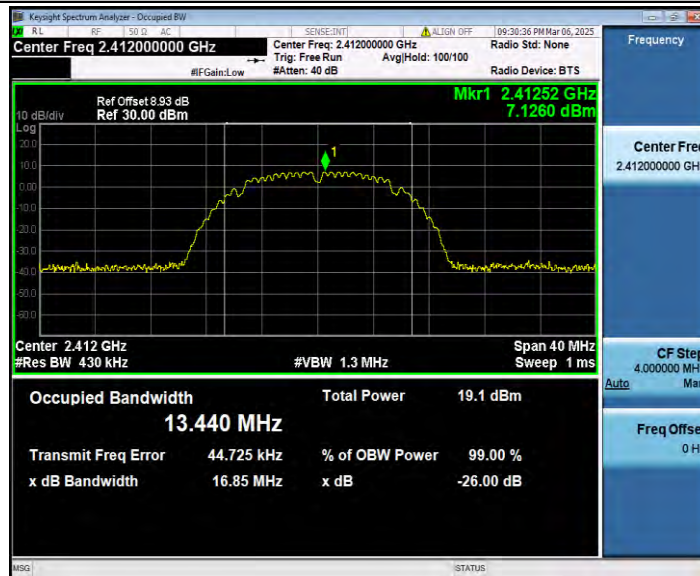
Appendix C.2: Occupied Channel Bandwidth

Test Result

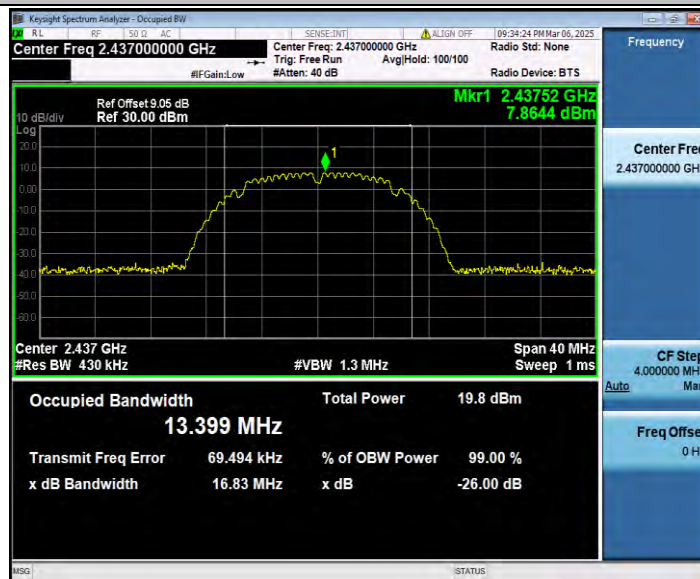
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	13.440	2405.3247	2418.7647	---	---
		2437	13.399	2430.3700	2443.7690	---	---
		2462	13.392	2455.3174	2468.7094	---	---
11G	Ant0	2412	16.774	2403.6327	2420.4067	---	---
		2437	16.832	2428.7077	2445.5397	---	---
		2462	16.809	2453.6249	2470.4339	---	---
11N20SISO	Ant0	2412	17.926	2403.0788	2421.0048	---	---
		2437	17.947	2428.0892	2446.0362	---	---
		2462	17.854	2453.0644	2470.9184	---	---
11N40SISO	Ant0	2422	36.068	2403.9589	2440.0269	---	---
		2437	36.084	2418.9993	2455.0833	---	---
		2452	36.061	2434.0487	2470.1097	---	---
11AX20SISO	Ant0	2412	18.910	2402.5402	2421.4502	---	---
		2437	18.901	2427.5876	2446.4886	---	---
		2462	18.950	2452.5154	2471.4654	---	---
11AX40SISO	Ant0	2422	37.574	2403.1843	2440.7583	---	---
		2437	37.425	2418.4044	2455.8294	---	---
		2452	37.430	2433.3089	2470.7389	---	---

Test Graphs

11B_Ant0_2412



11B_Ant0_2437



11B_Ant0_2462



11G_Ant0_2412



11G_Ant0_2437



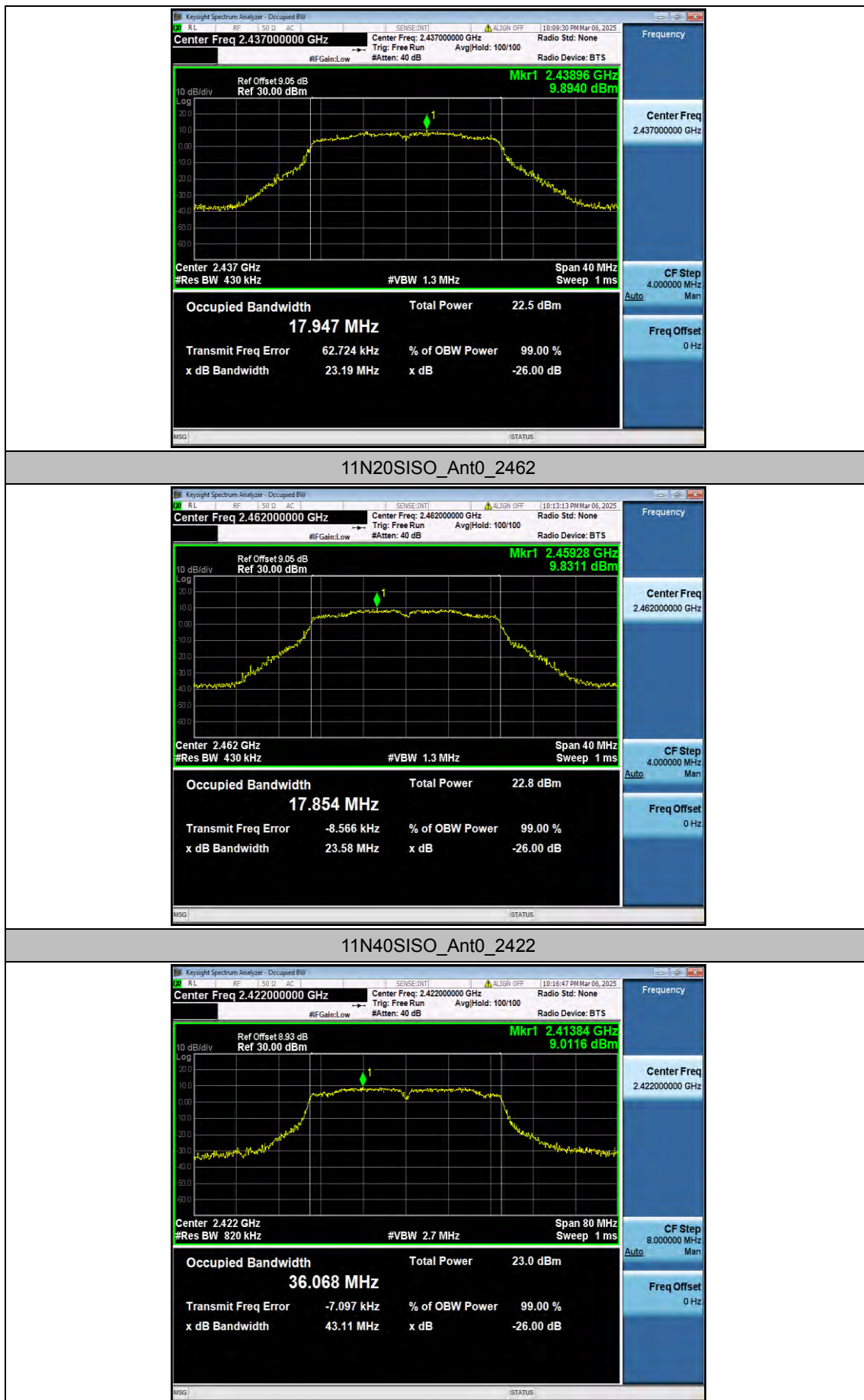
11G_Ant0_2462



11N20SISO_Ant0_2412



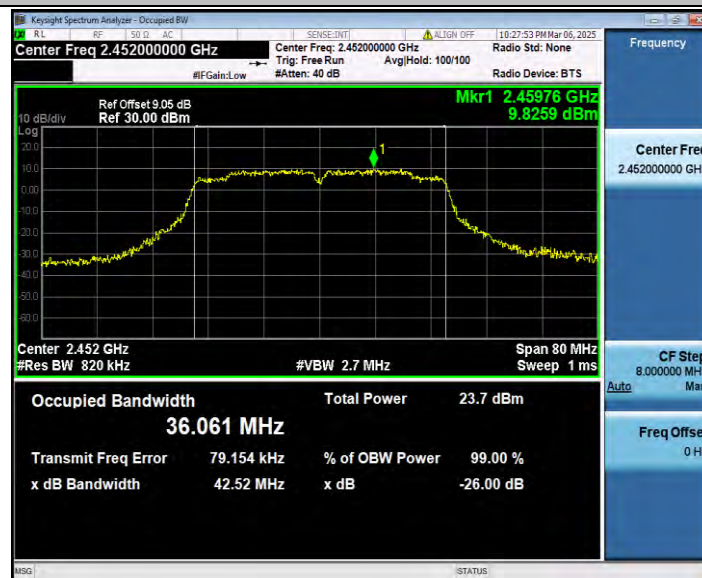
11N20SISO_Ant0_2437



11N40SISO_Ant0_2437



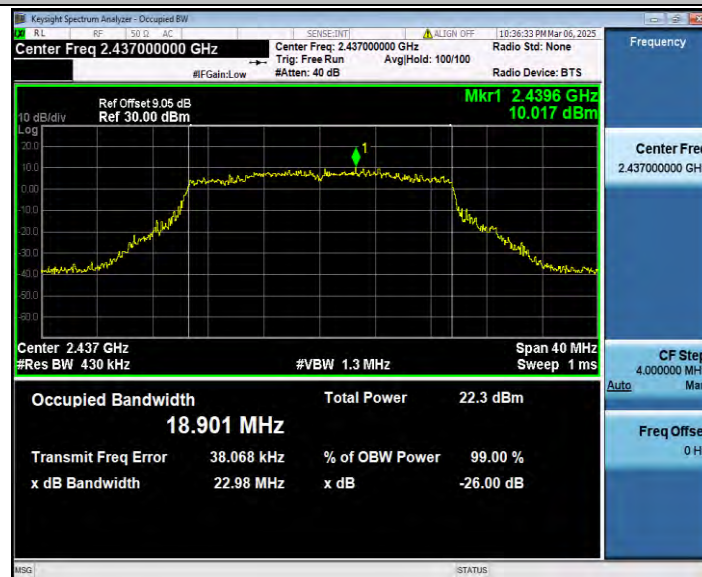
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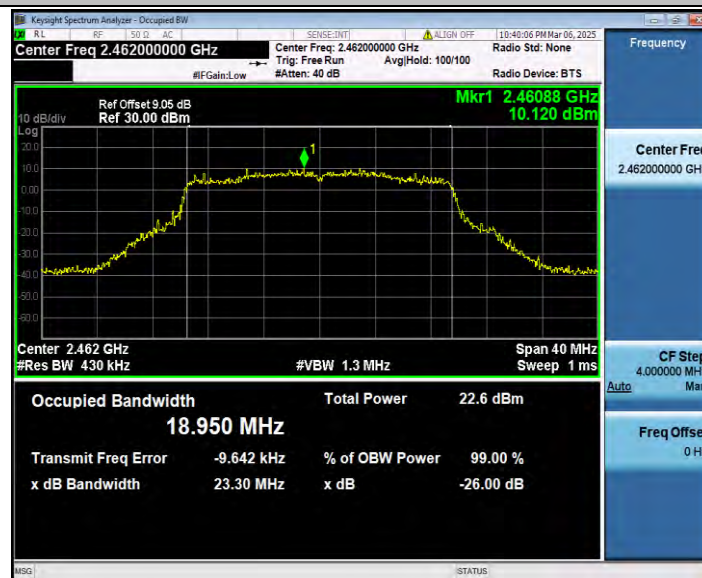
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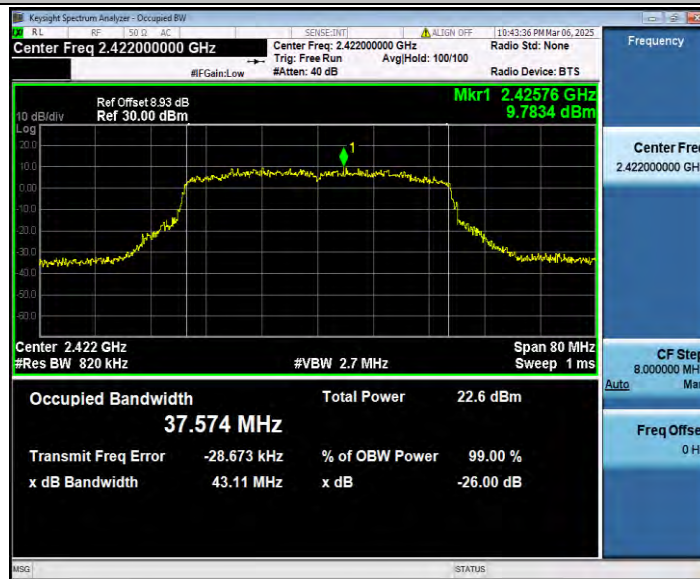
11AX20SISO_Ant0_2437



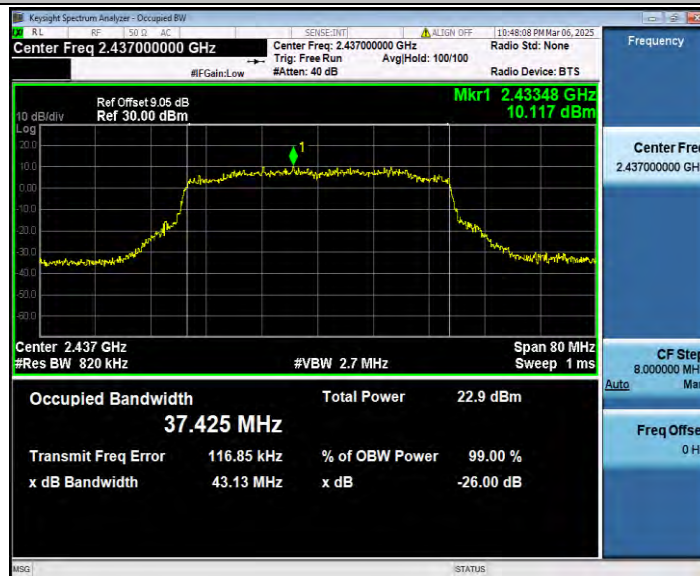
11AX20SISO_Ant0_2462



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	19.14	≤30.00	PASS
		2437	19.85	≤30.00	PASS
		2462	20.11	≤30.00	PASS
11G	Ant0	2412	23.00	≤30.00	PASS
		2437	23.70	≤30.00	PASS
		2462	23.88	≤30.00	PASS
11N20SISO	Ant0	2412	22.85	≤30.00	PASS
		2437	23.57	≤30.00	PASS
		2462	23.80	≤30.00	PASS
11N40SISO	Ant0	2422	23.30	≤30.00	PASS
		2437	23.72	≤30.00	PASS
		2452	24.06	≤30.00	PASS
11AX20SISO	Ant0	2412	23.18	≤30.00	PASS
		2437	22.89	≤30.00	PASS
		2462	23.23	≤30.00	PASS
11AX40SISO	Ant0	2422	22.56	≤30.00	PASS
		2437	22.91	≤30.00	PASS
		2452	23.11	≤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	-7.26	≤8.00	PASS
		2437	-6.49	≤8.00	PASS
		2462	-7.10	≤8.00	PASS
11G	Ant0	2412	-10.05	≤8.00	PASS
		2437	-8.88	≤8.00	PASS
		2462	-8.44	≤8.00	PASS
11N20SISO	Ant0	2412	-9.30	≤8.00	PASS
		2437	-9.06	≤8.00	PASS
		2462	-8.96	≤8.00	PASS
11N40SISO	Ant0	2422	-12.10	≤8.00	PASS
		2437	-11.29	≤8.00	PASS
		2452	-11.19	≤8.00	PASS
11AX20SISO	Ant0	2412	-10.13	≤8.00	PASS
		2437	-7.98	≤8.00	PASS
		2462	-9.01	≤8.00	PASS
11AX40SISO	Ant0	2422	-13.60	≤8.00	PASS
		2437	-13.84	≤8.00	PASS
		2452	-12.82	≤8.00	PASS

Test Graphs

11B_Ant0_2412



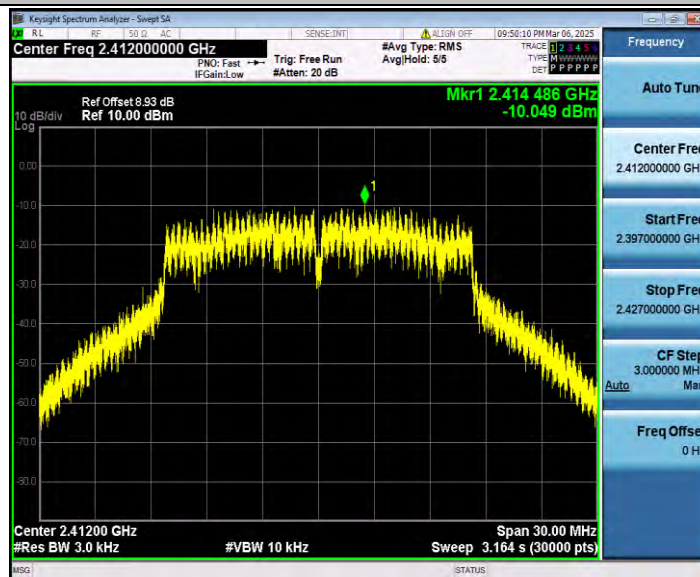
11B_Ant0_2437



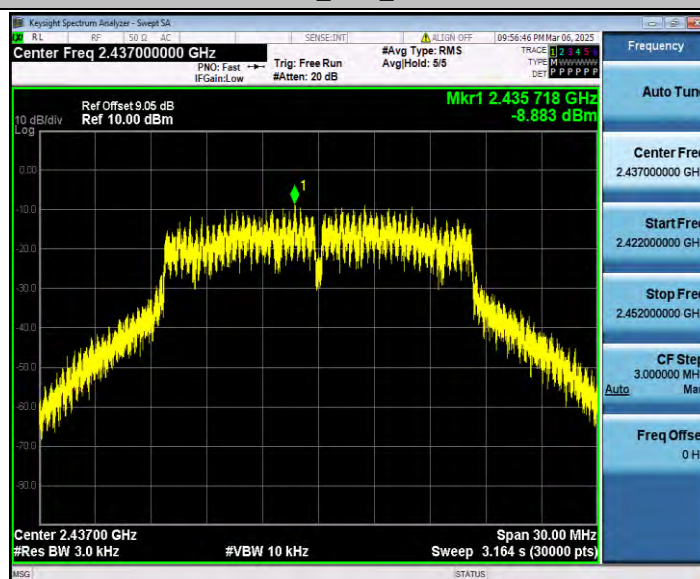
11B_Ant0_2462



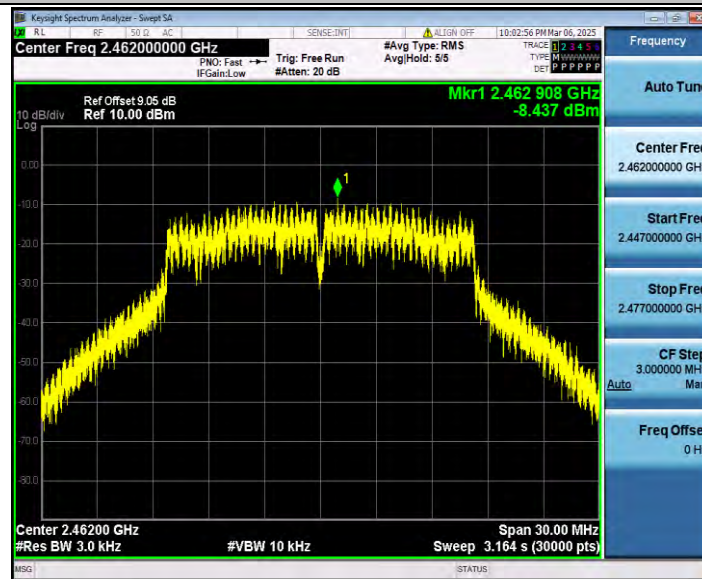
11G_Ant0_2412



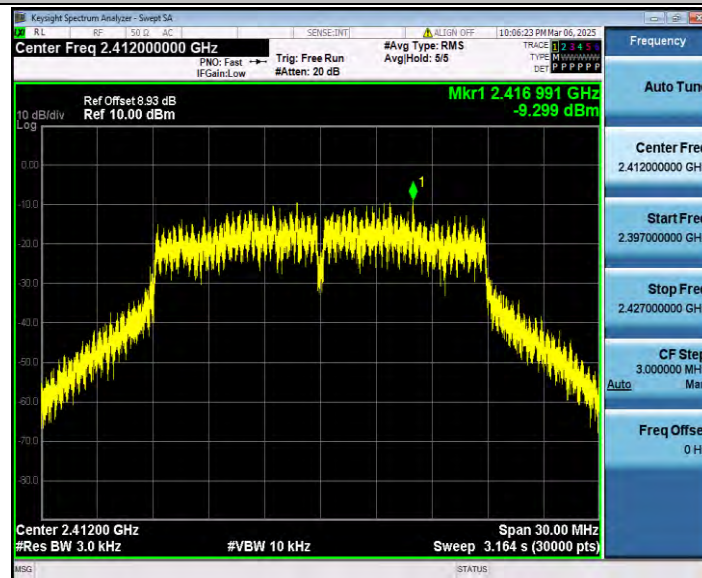
11G_Ant0_2437



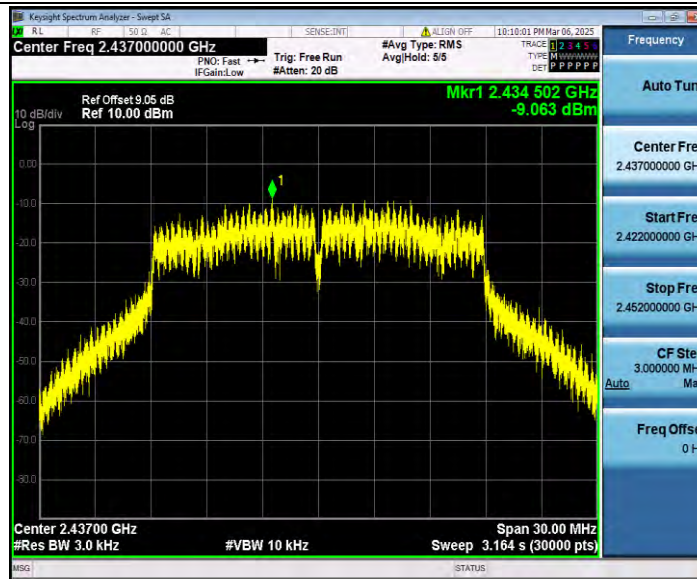
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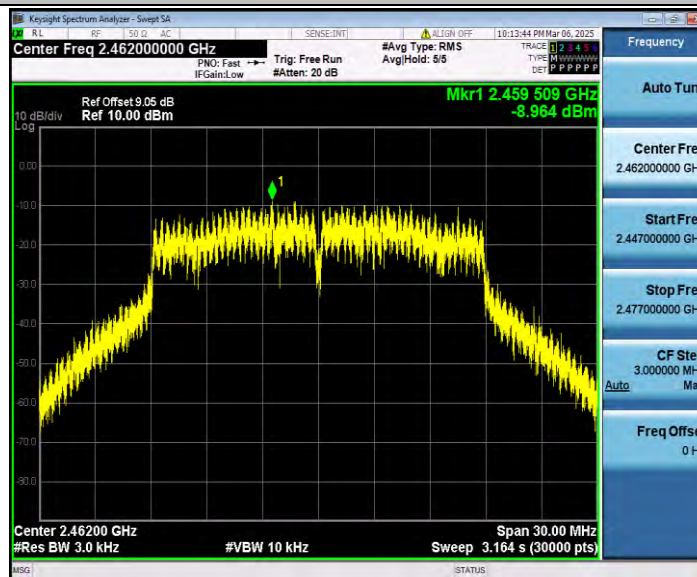
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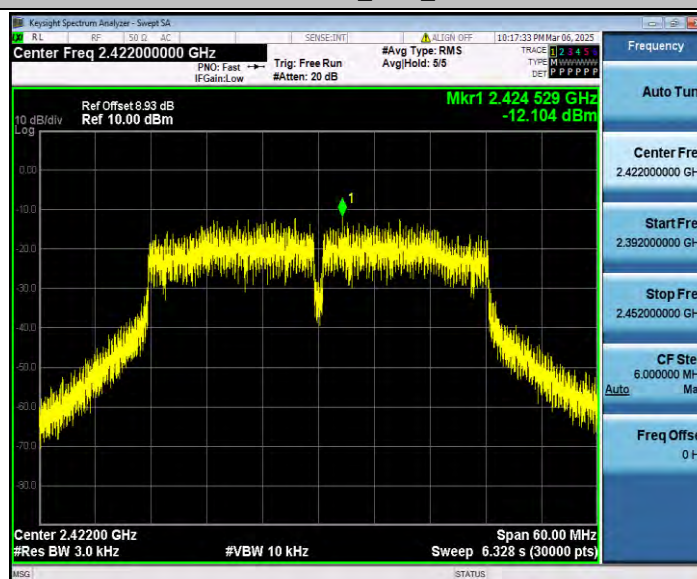
11N20SISO_Ant0_2437



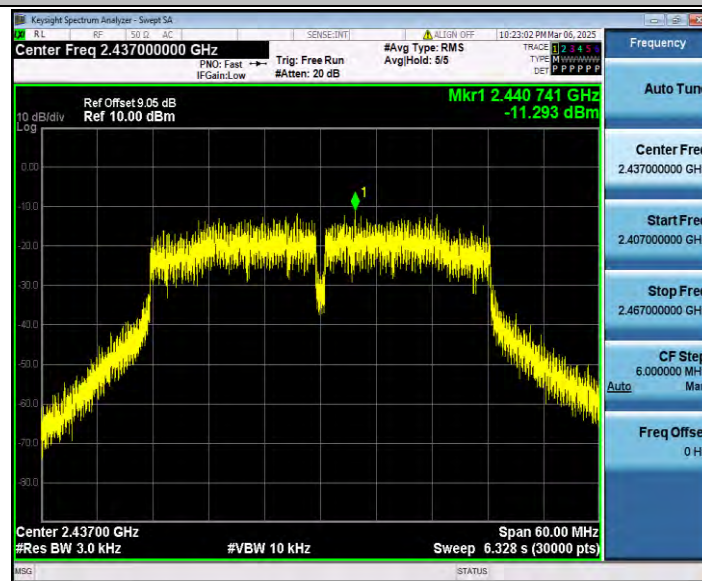
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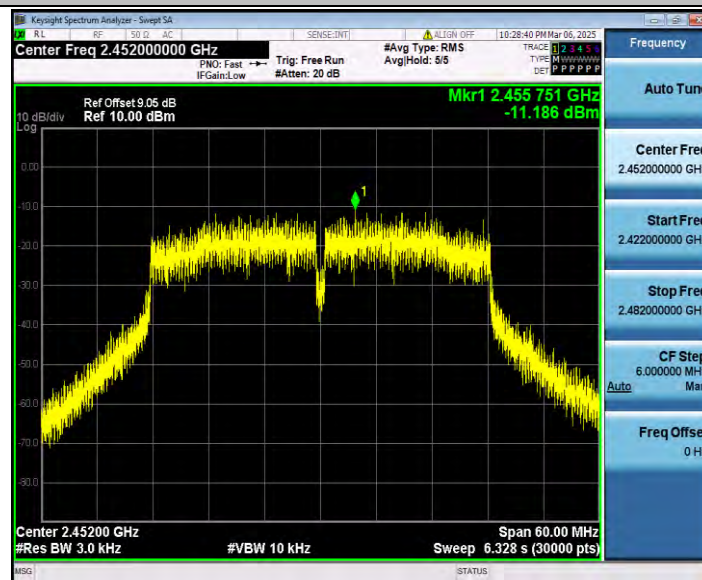
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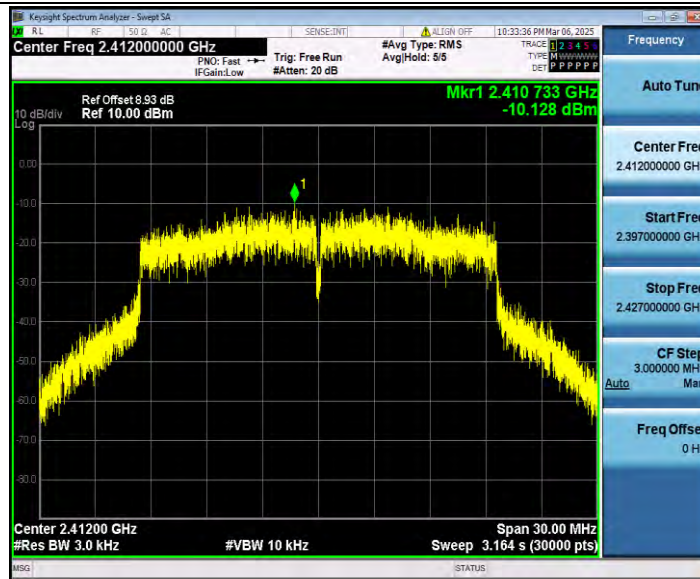
11N40SISO_Ant0_2437



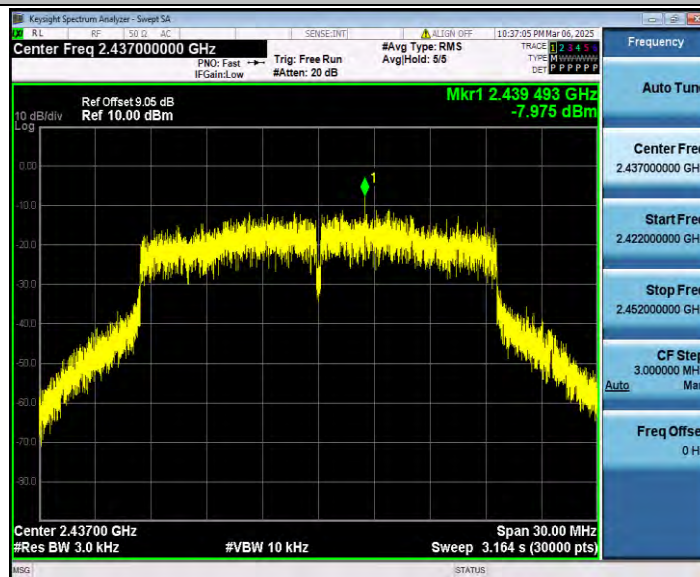
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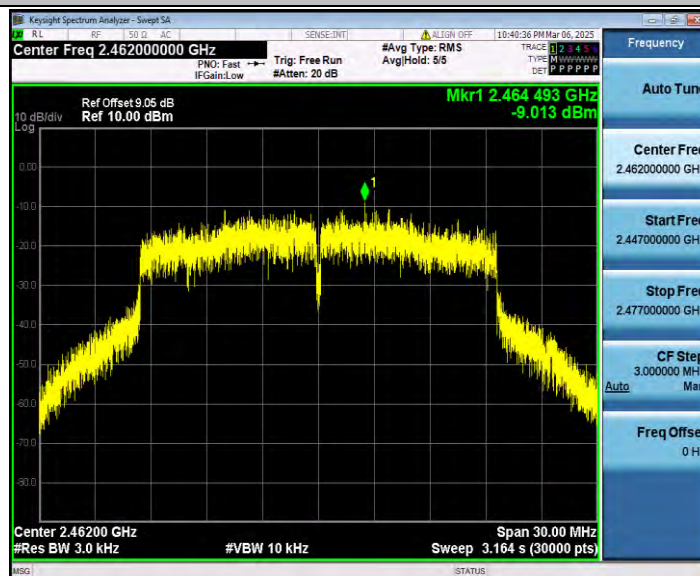
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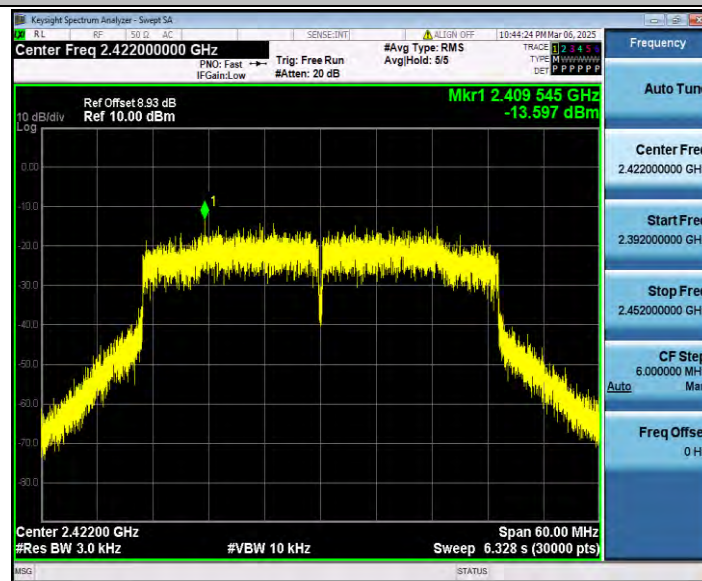
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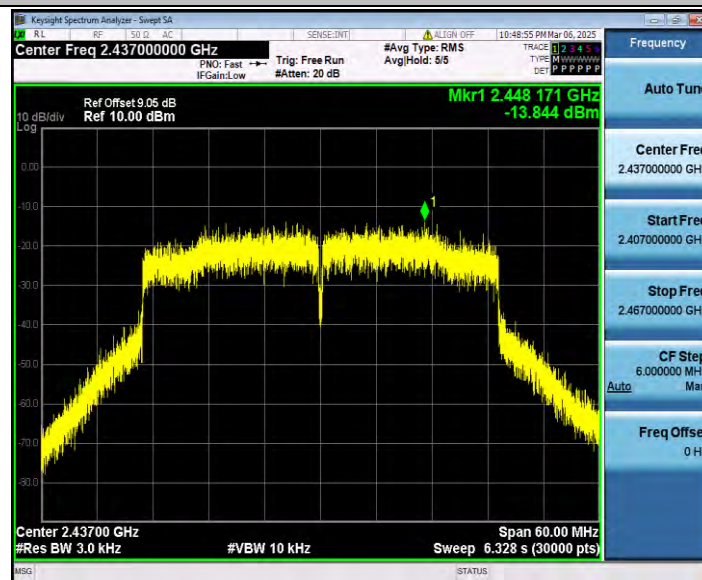
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

