

Case No. : <u>GTS20241129021-2-04</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.3.10</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	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	15.080	2404.440	2419.520	0.5	PASS
		2437	15.000	2429.520	2444.520	0.5	PASS
		2462	15.920	2454.240	2470.160	0.5	PASS
11N20SISO	Ant1	2412	15.920	2404.480	2420.400	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	14.840	2454.720	2469.560	0.5	PASS
11N40SISO	Ant1	2422	32.800	2406.640	2439.440	0.5	PASS
		2437	31.280	2419.480	2450.760	0.5	PASS
		2452	32.560	2436.960	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	14.720	2406.160	2420.880	0.5	PASS
		2437	18.560	2427.840	2446.400	0.5	PASS
		2462	15.440	2455.680	2471.120	0.5	PASS
11AX40SISO	Ant1	2422	36.240	2403.600	2439.840	0.5	PASS
		2437	29.120	2420.680	2449.800	0.5	PASS
		2452	29.920	2437.040	2466.960	0.5	PASS

Test Graphs





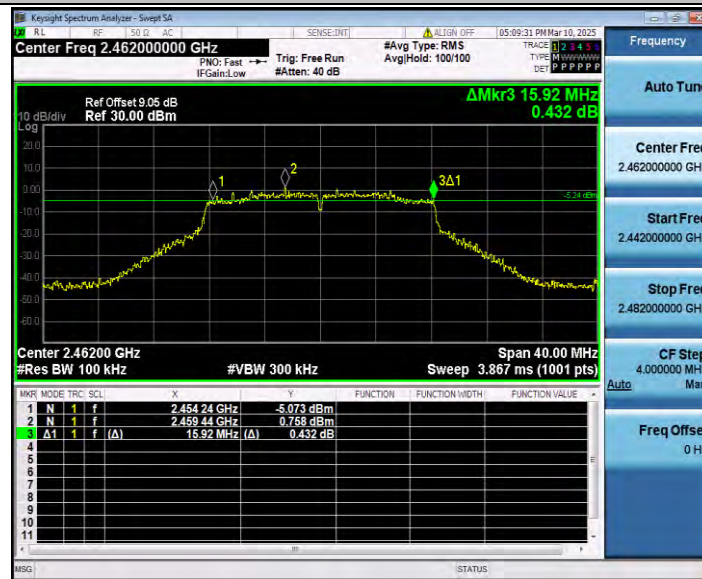
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



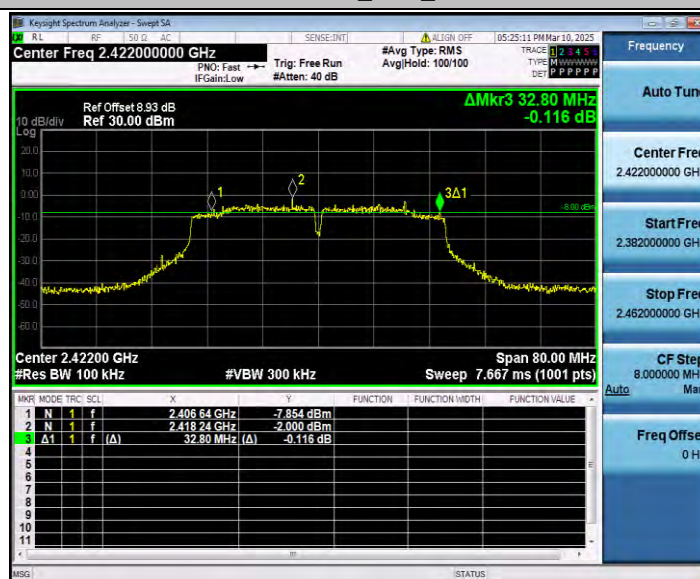
11N20SISO_Ant1_2437



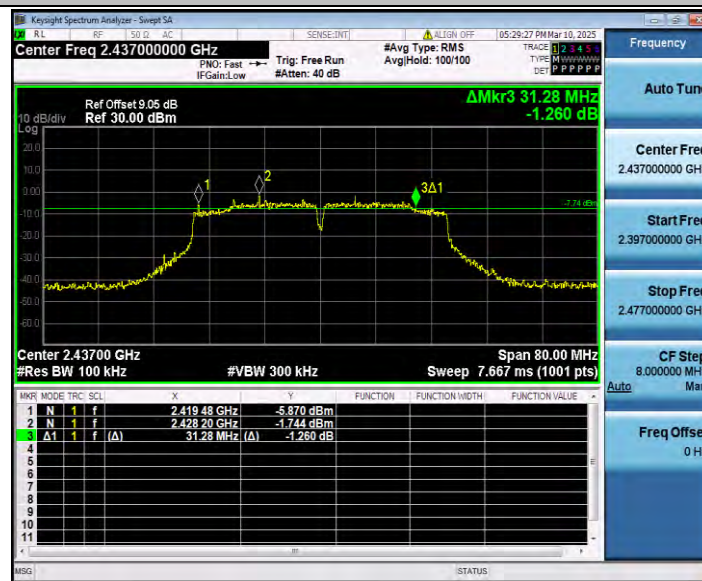
11N20SISO_Ant1_2462



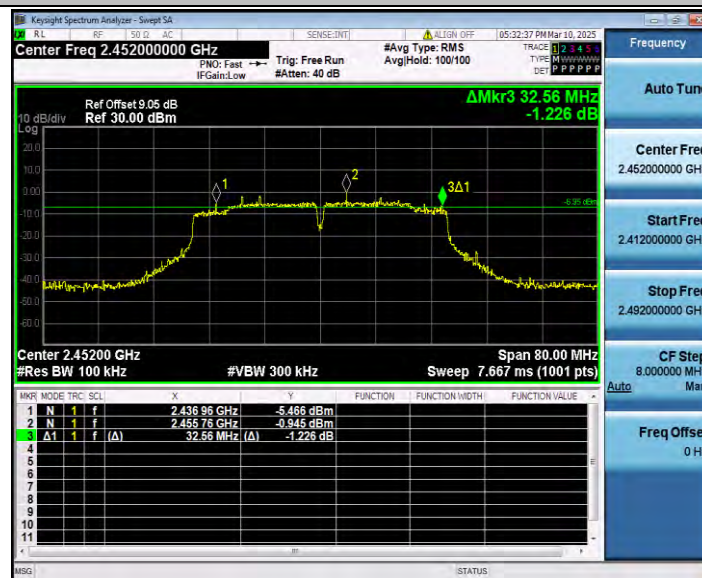
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



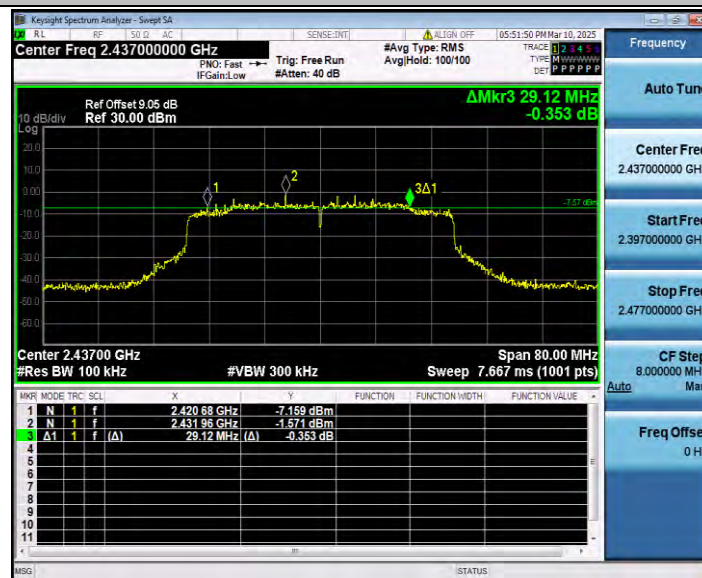
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

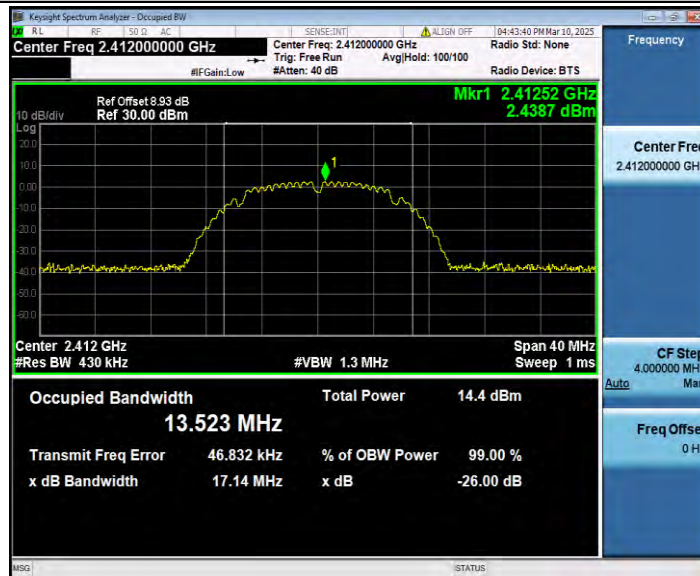
Appendix C.2: Occupied Channel Bandwidth

Test Result

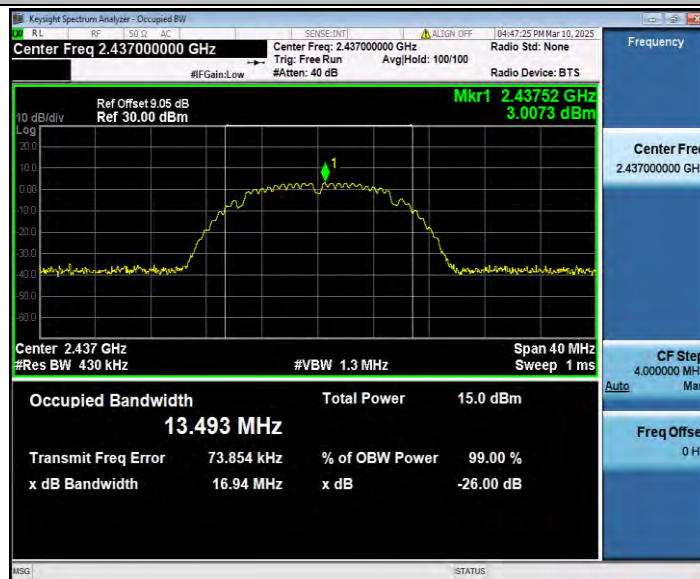
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.523	2405.2853	2418.8083	---	---
		2437	13.493	2430.3274	2443.8204	---	---
		2462	13.437	2455.2996	2468.7366	---	---
11G	Ant1	2412	16.906	2403.5982	2420.5042	---	---
		2437	16.887	2428.6631	2445.5501	---	---
		2462	16.919	2453.5394	2470.4584	---	---
11N20SISO	Ant1	2412	17.915	2403.0816	2420.9966	---	---
		2437	17.958	2428.1059	2446.0639	---	---
		2462	17.851	2453.0816	2470.9326	---	---
11N40SISO	Ant1	2422	36.155	2403.8610	2440.0160	---	---
		2437	36.049	2418.9928	2455.0418	---	---
		2452	36.048	2434.0688	2470.1168	---	---
11AX20SISO	Ant1	2412	18.986	2402.5357	2421.5217	---	---
		2437	18.965	2427.5513	2446.5163	---	---
		2462	18.968	2452.5213	2471.4893	---	---
11AX40SISO	Ant1	2422	37.549	2403.1391	2440.6881	---	---
		2437	37.546	2418.2214	2455.7674	---	---
		2452	37.415	2433.3973	2470.8123	---	---

Test Graphs

11B_Ant1_2412



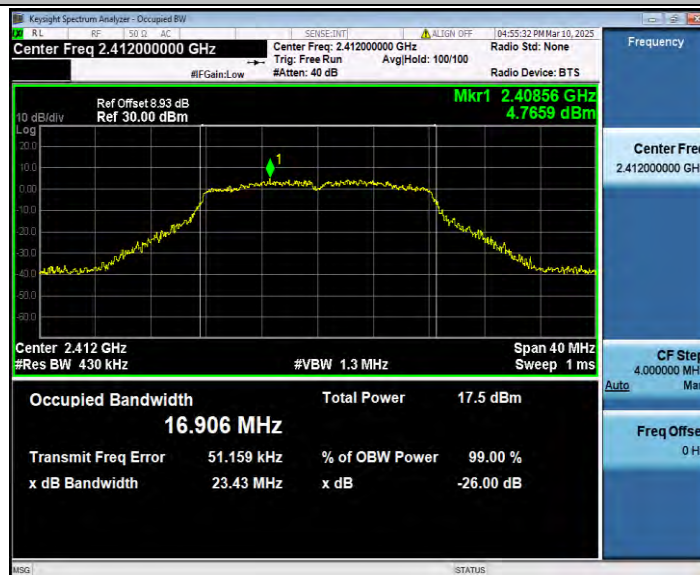
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



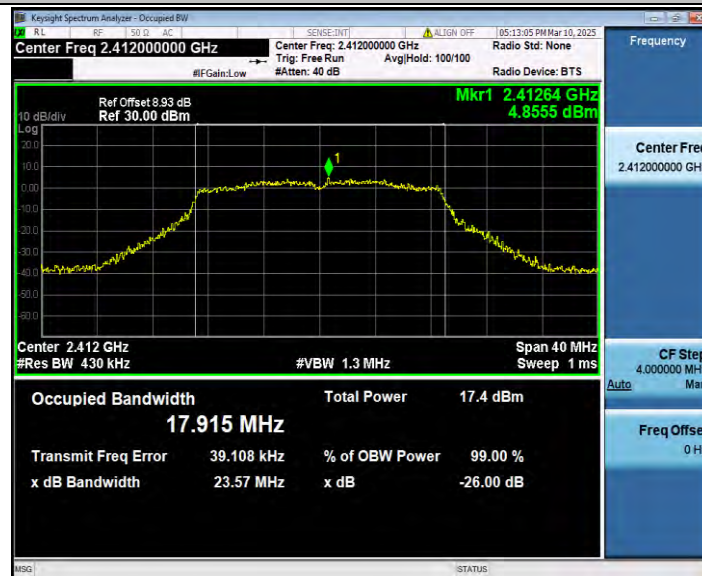
11G_Ant1_2437



11G_Ant1_2462



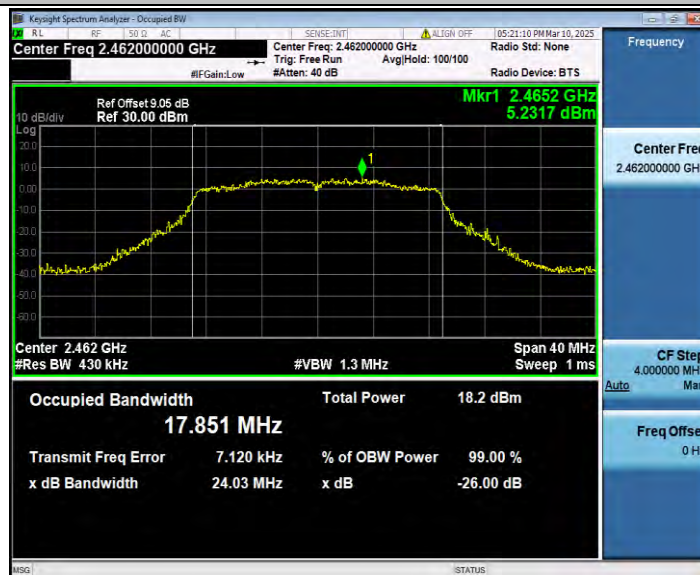
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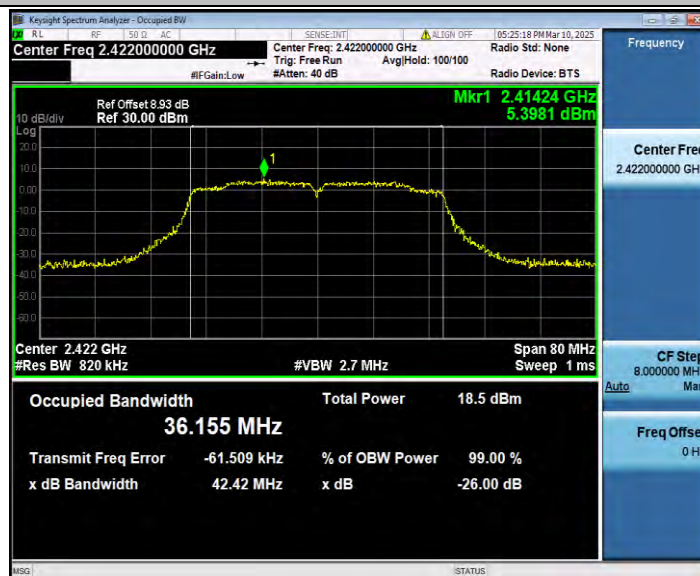
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11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



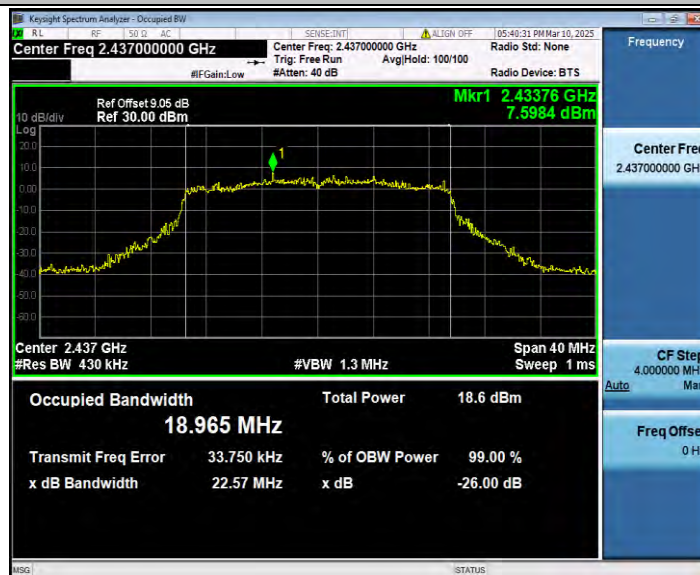
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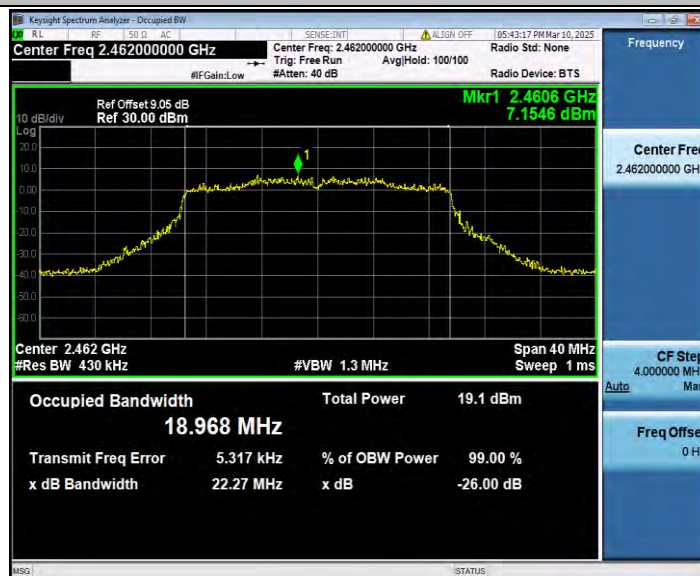
11AX20SISO_Ant1_2412



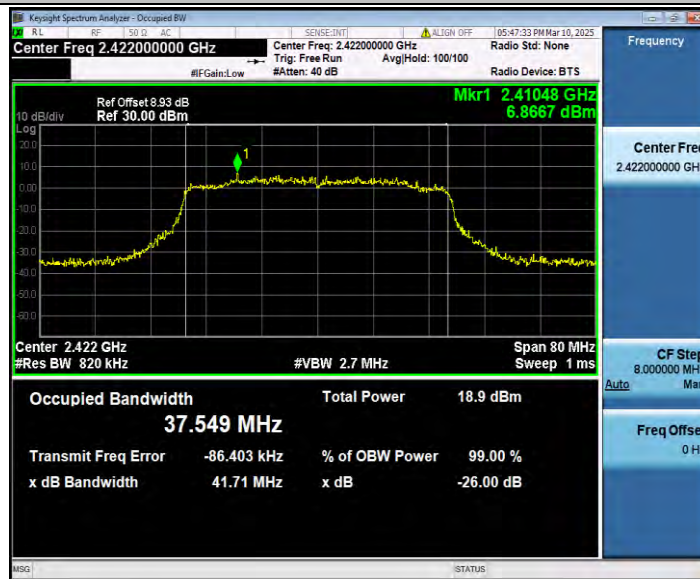
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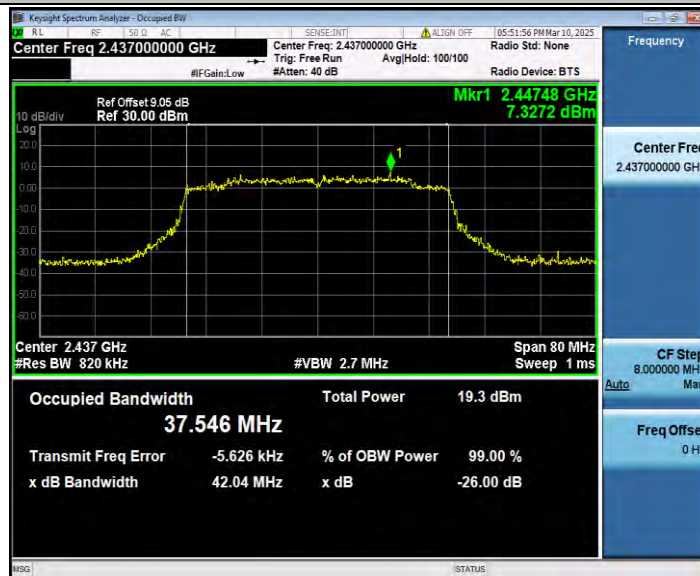
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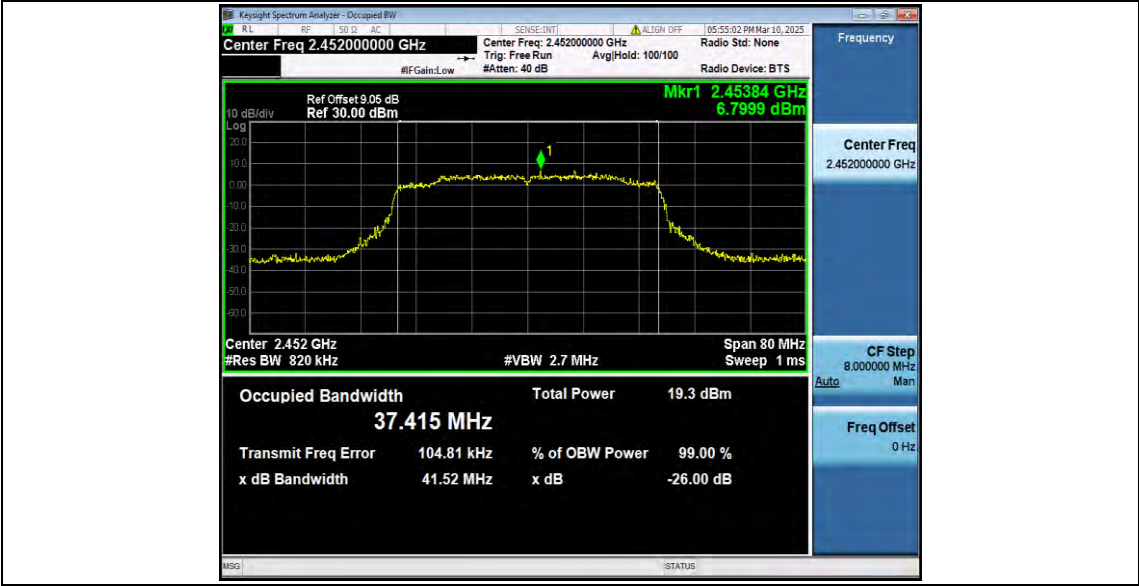
11AX40SISO_Ant1_2422



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	14.49	≤30.00	PASS
		2437	15.01	≤30.00	PASS
		2462	15.47	≤30.00	PASS
11G	Ant1	2412	18.46	≤30.00	PASS
		2437	19.04	≤30.00	PASS
		2462	19.41	≤30.00	PASS
11N20SISO	Ant1	2412	18.45	≤30.00	PASS
		2437	18.77	≤30.00	PASS
		2462	19.29	≤30.00	PASS
11N40SISO	Ant1	2422	18.68	≤30.00	PASS
		2437	19.09	≤30.00	PASS
		2452	19.32	≤30.00	PASS
11AX20SISO	Ant1	2412	18.68	≤30.00	PASS
		2437	19.17	≤30.00	PASS
		2462	19.61	≤30.00	PASS
11AX40SISO	Ant1	2422	18.94	≤30.00	PASS
		2437	19.28	≤30.00	PASS
		2452	19.67	≤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	-12.05	≤8.00	PASS
		2437	-11.48	≤8.00	PASS
		2462	-10.65	≤8.00	PASS
11G	Ant1	2412	-13.50	≤8.00	PASS
		2437	-13.07	≤8.00	PASS
		2462	-11.57	≤8.00	PASS
11N20SISO	Ant1	2412	-13.33	≤8.00	PASS
		2437	-12.62	≤8.00	PASS
		2462	-12.36	≤8.00	PASS
11N40SISO	Ant1	2422	-16.12	≤8.00	PASS
		2437	-15.41	≤8.00	PASS
		2452	-15.85	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.16	≤8.00	PASS
		2437	-14.78	≤8.00	PASS
		2462	-13.65	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.31	≤8.00	PASS
		2437	-17.16	≤8.00	PASS
		2452	-16.91	≤8.00	PASS

Test Graphs

11B_Ant1_2412



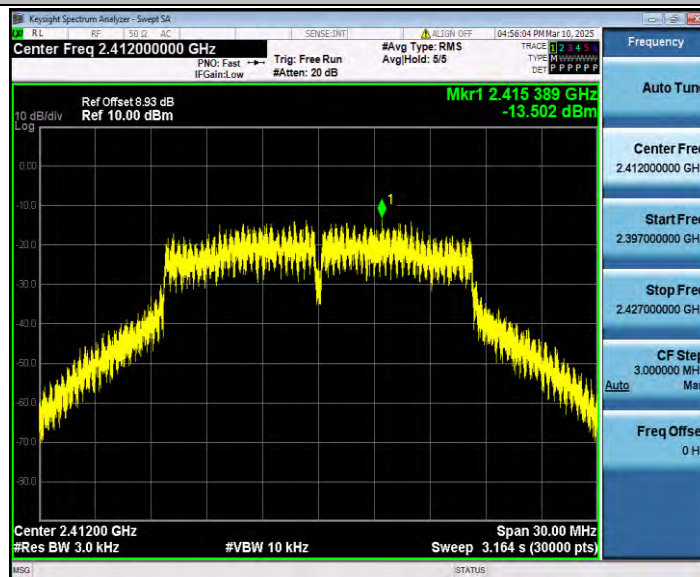
11B_Ant1_2437



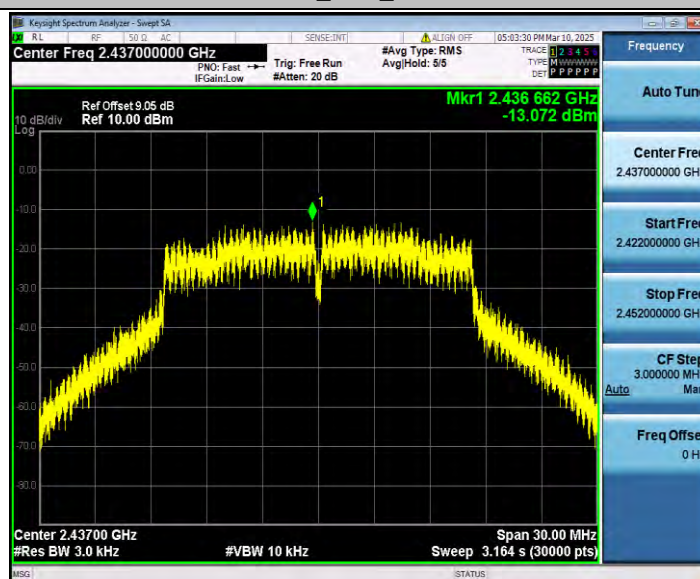
11B_Ant1_2462



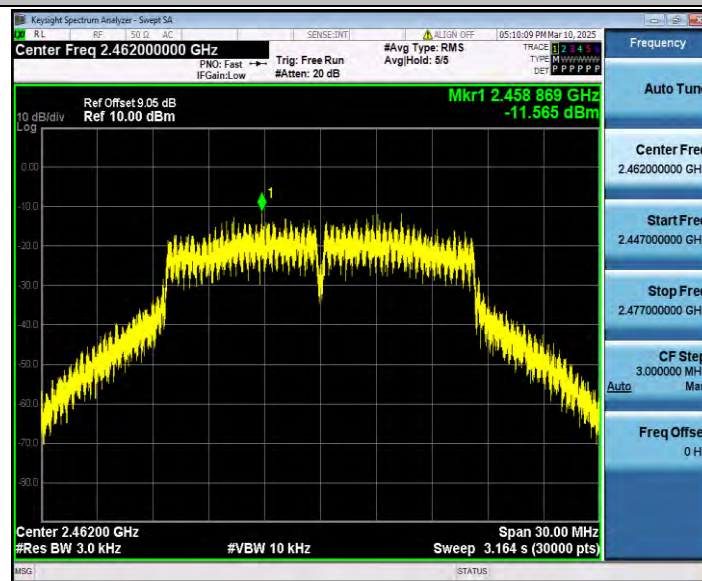
11G_Ant1_2412



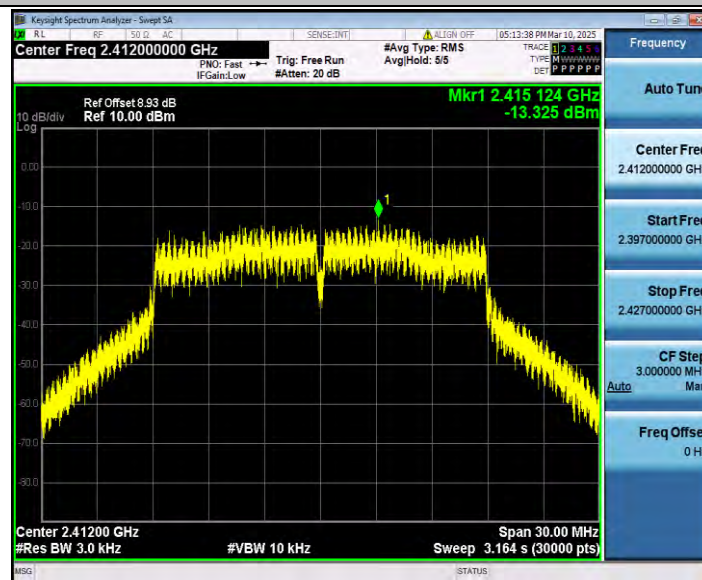
11G_Ant1_2437



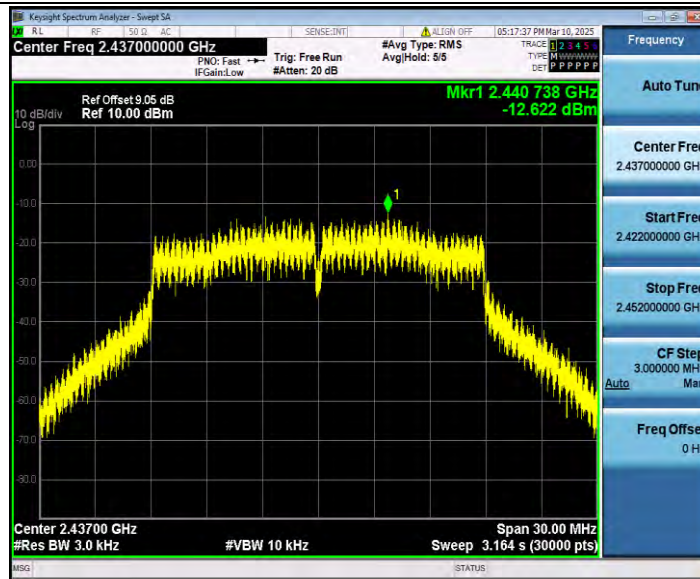
11G_Ant1_2462



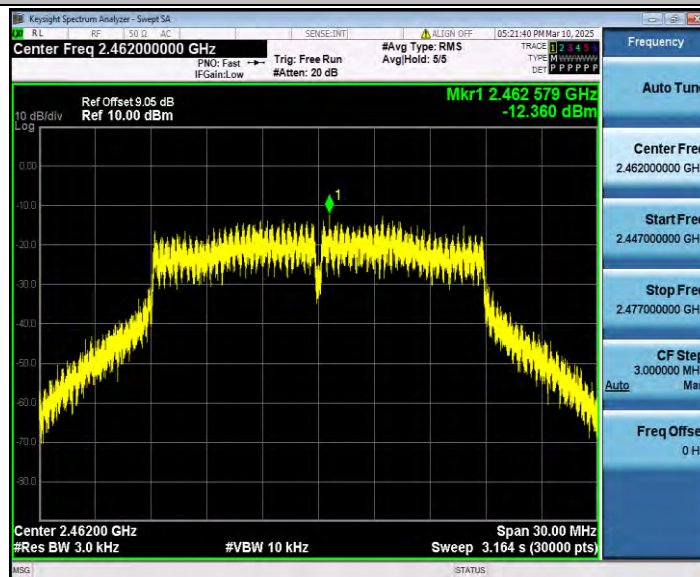
11N20SISO_Ant1_2412



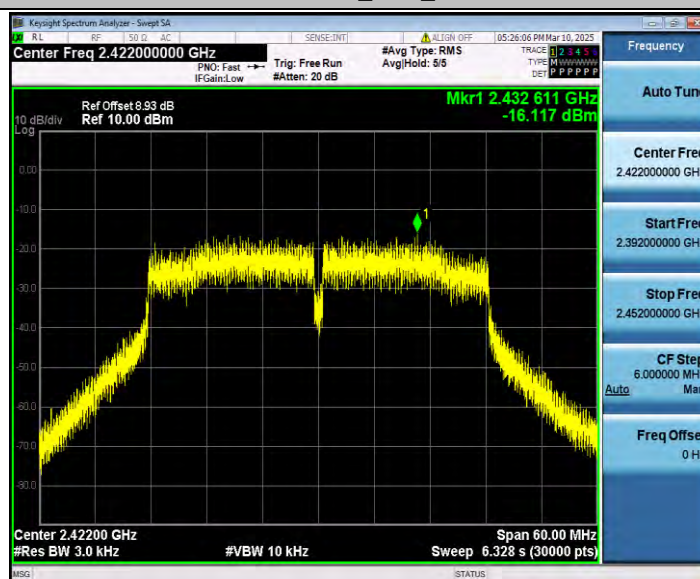
11N20SISO_Ant1_2437



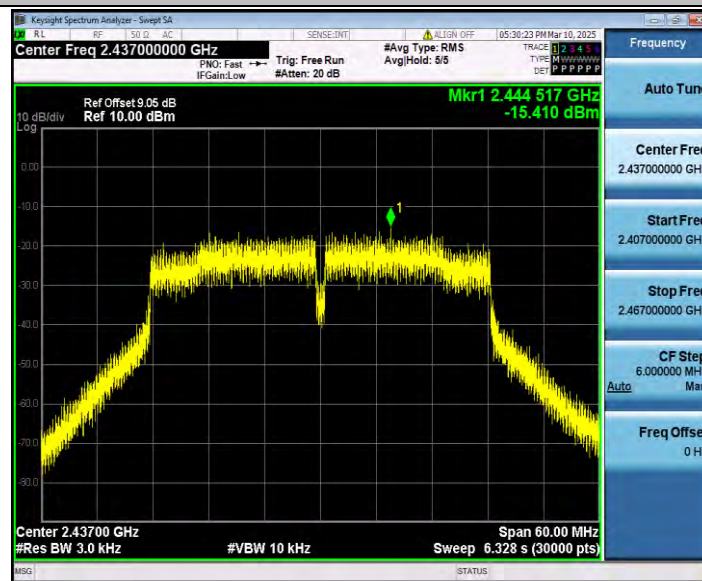
11N20SISO_Ant1_2462



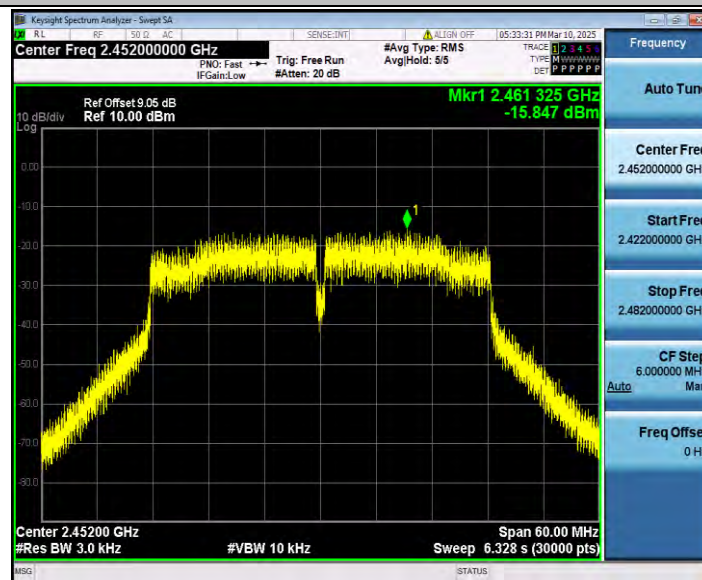
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



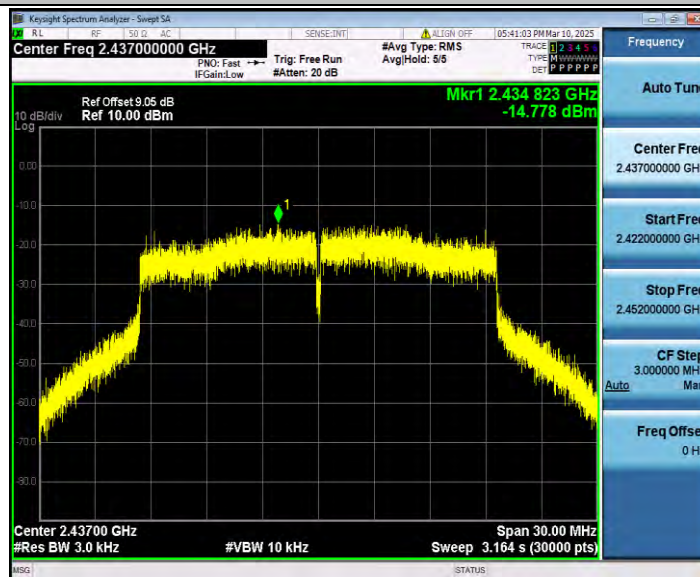
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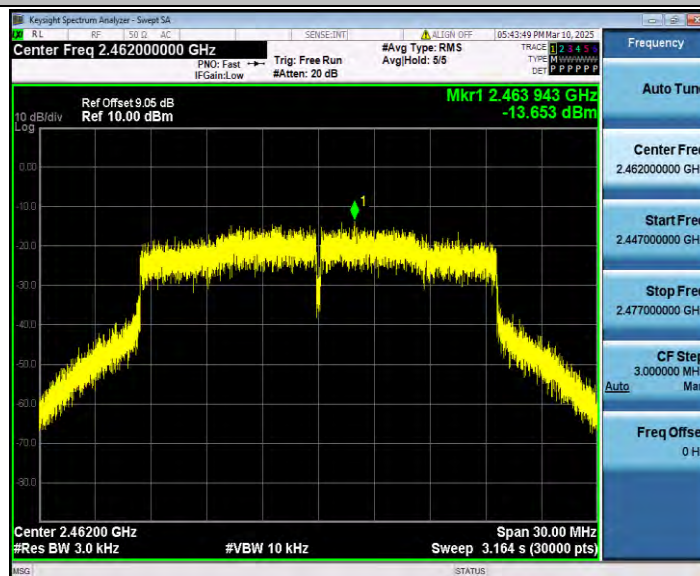
11AX20SISO_Ant1_2412



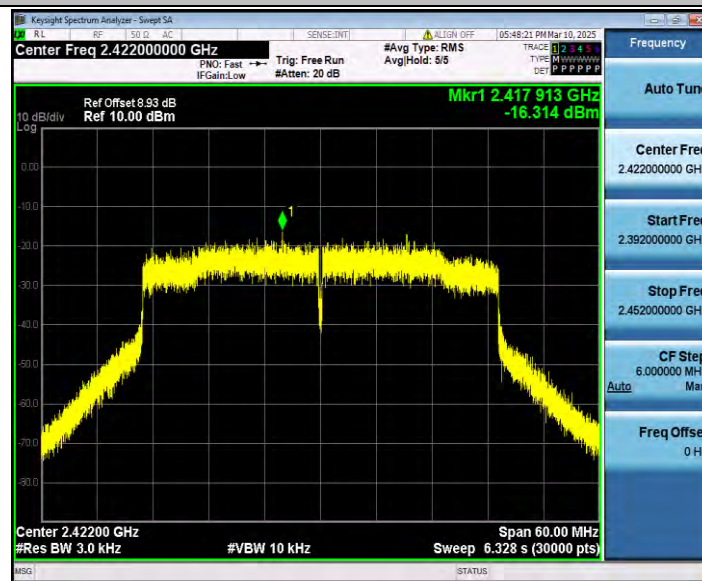
11AX20SISO_Ant1_2437



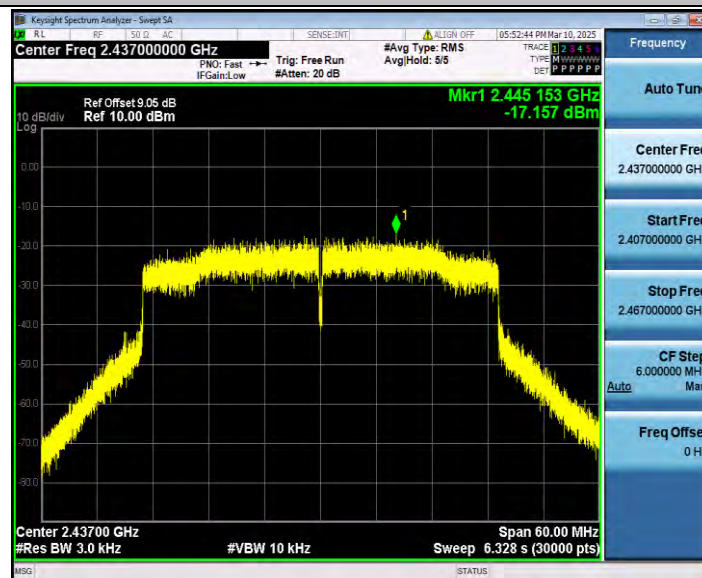
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

