

Case No. : <u>GTS20241129021-1-04</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.1.13</u>	Test Engineer: <u>Evan ouyang</u>

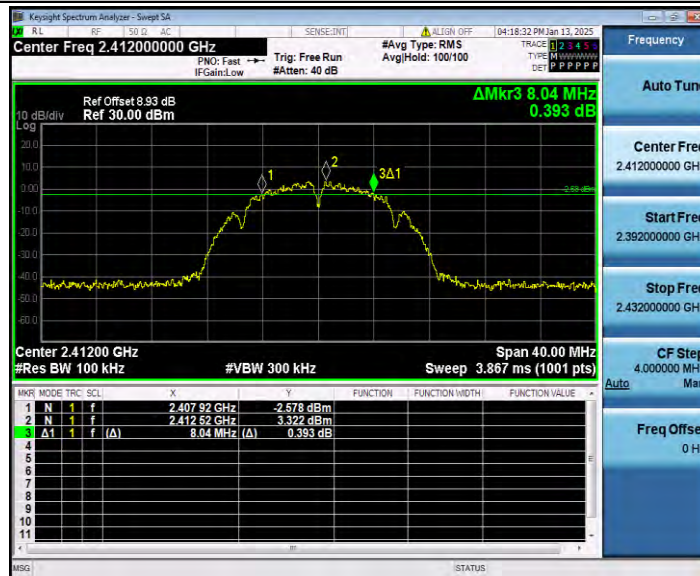
Appendix C.1: DTS Bandwidth

Test Result

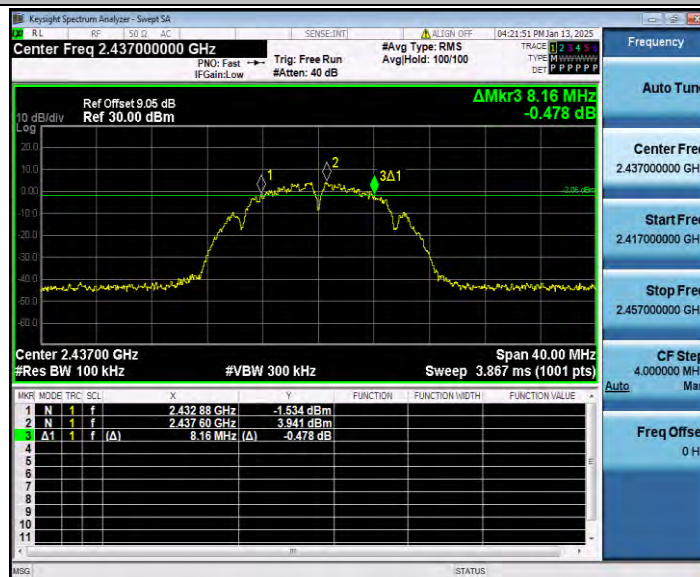
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.040	2407.920	2415.960	0.5	PASS
		2437	8.160	2432.880	2441.040	0.5	PASS
		2462	7.680	2458.200	2465.880	0.5	PASS
11G	Ant1	2412	16.360	2403.880	2420.240	0.5	PASS
		2437	16.360	2428.880	2445.240	0.5	PASS
		2462	16.360	2453.880	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.240	2420.840	0.5	PASS
		2437	17.600	2428.240	2445.840	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.080	2404.160	2440.240	0.5	PASS
		2437	35.520	2419.400	2454.920	0.5	PASS
		2452	35.440	2434.400	2469.840	0.5	PASS
11AX20SISO	Ant1	2412	19.000	2402.560	2421.560	0.5	PASS
		2437	19.000	2427.560	2446.560	0.5	PASS
		2462	18.760	2452.720	2471.480	0.5	PASS
11AX40SISO	Ant1	2422	38.000	2403.040	2441.040	0.5	PASS
		2437	37.840	2418.200	2456.040	0.5	PASS
		2452	37.600	2433.200	2470.800	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



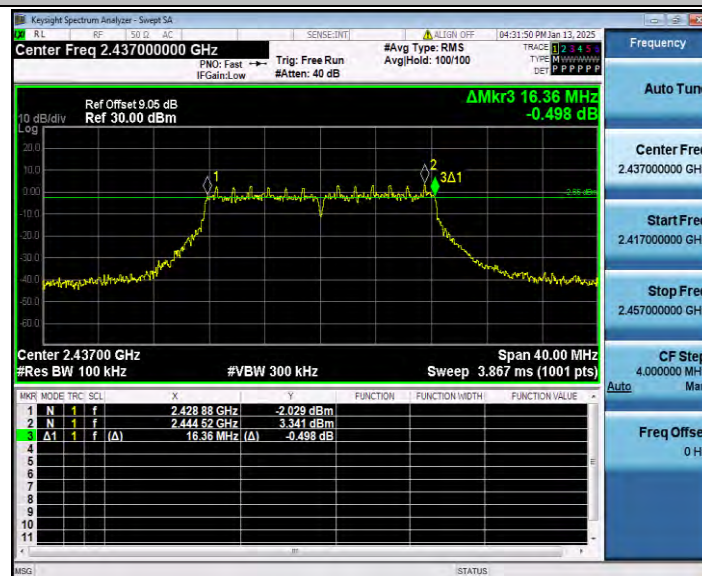
11B_Ant1_2462



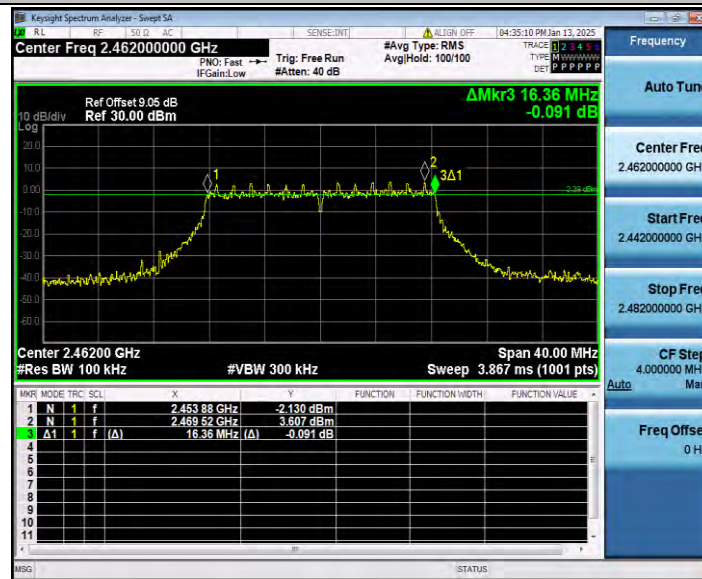
11G_Ant1_2412



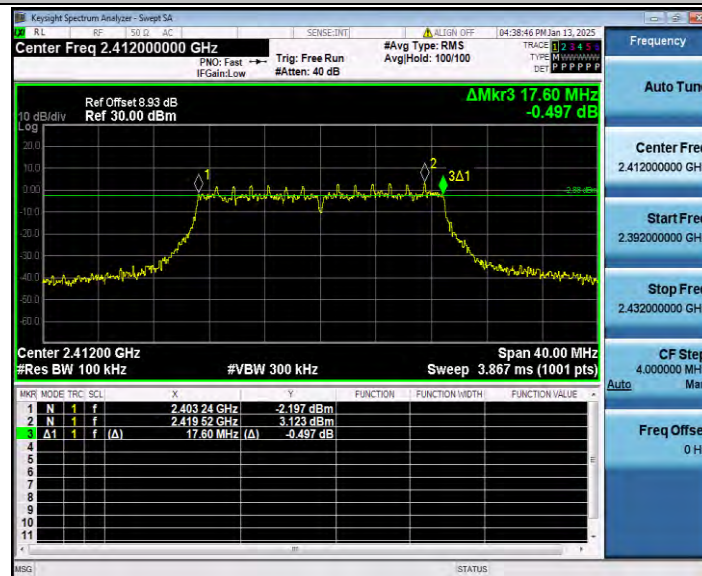
11G_Ant1_2437



11G_Ant1_2462



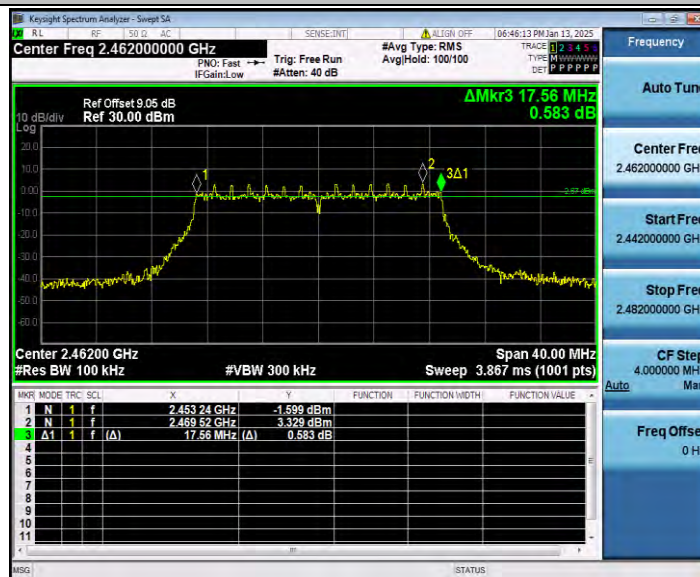
11N20SISO_Ant1_2412



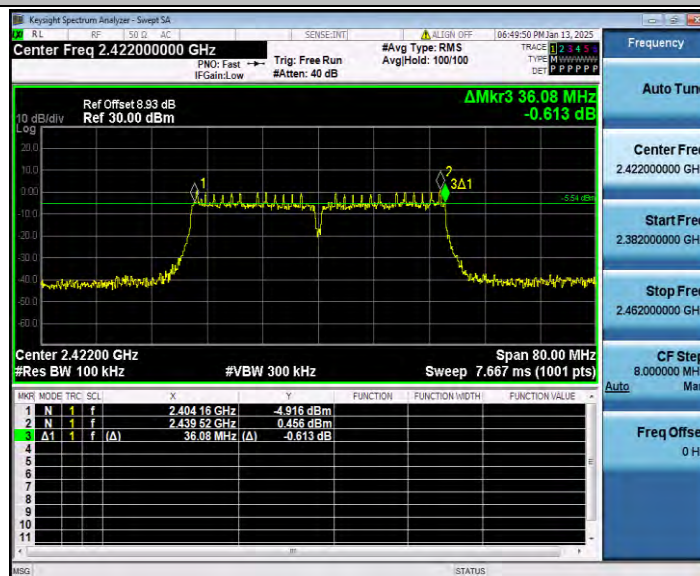
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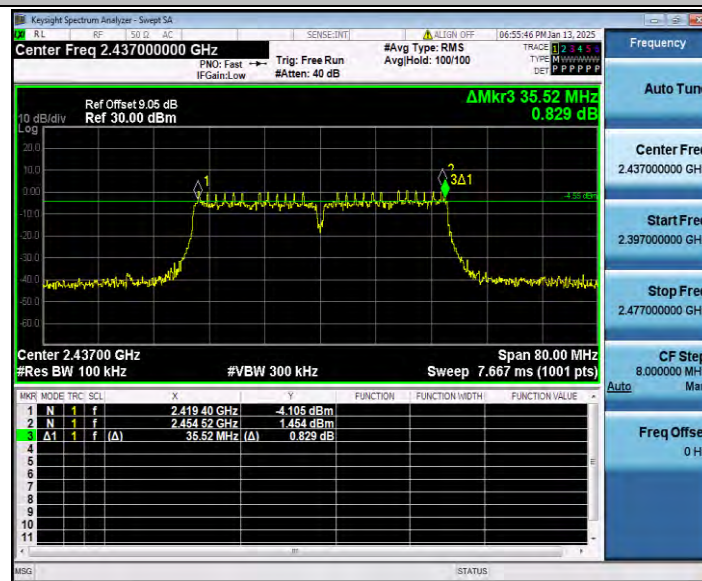
11N20SISO_Ant1_2462



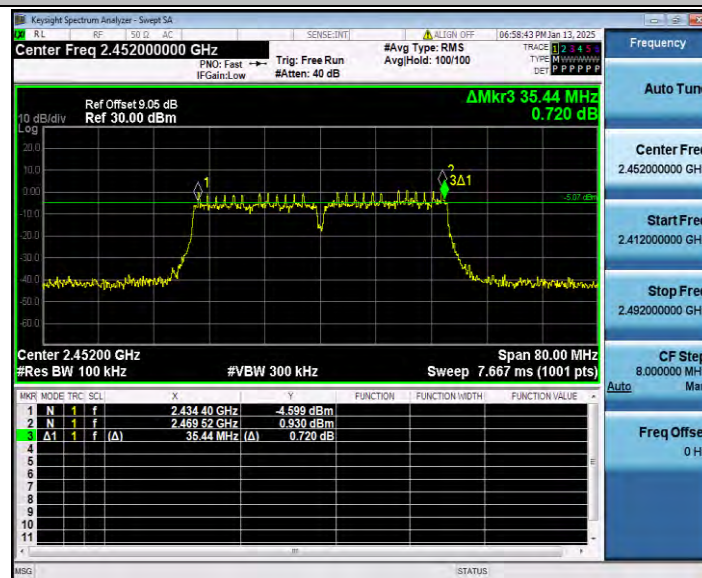
11N40SISO_Ant1_2422



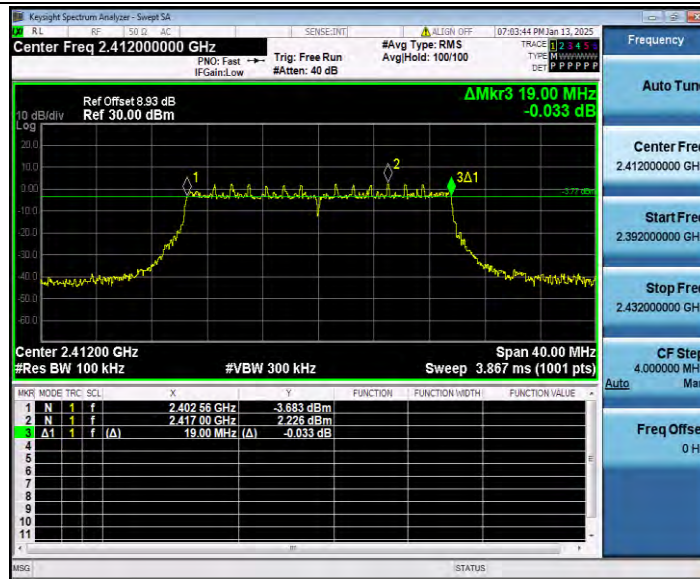
11N40SISO_Ant1_2437



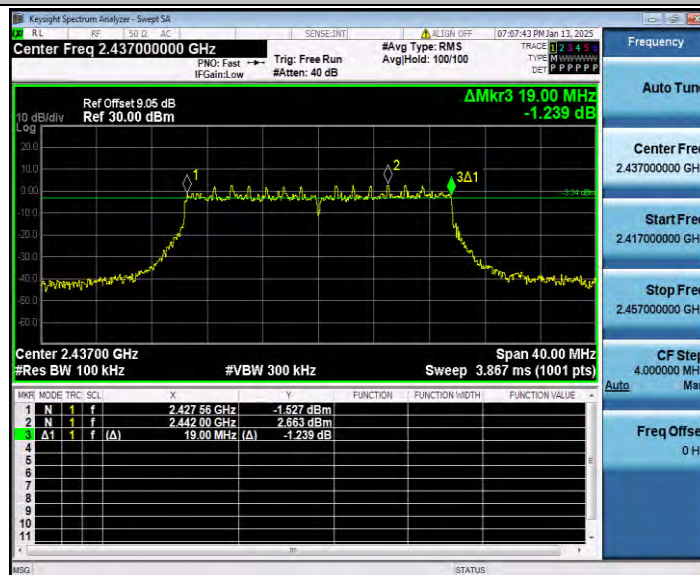
11N40SISO_Ant1_2452



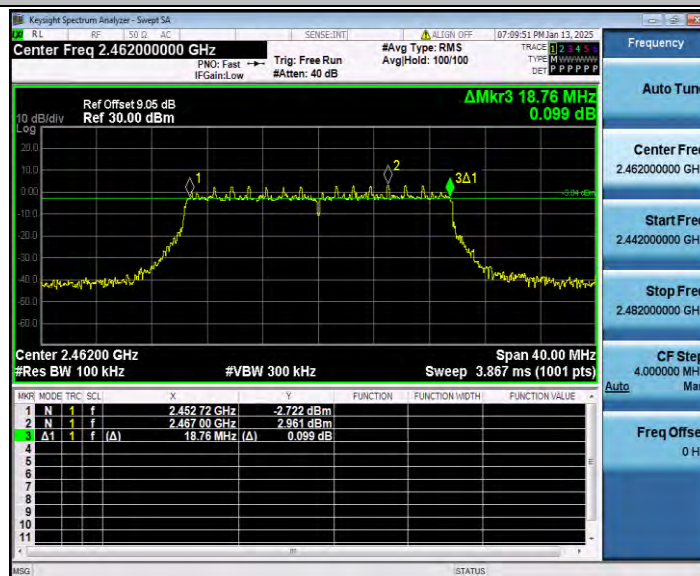
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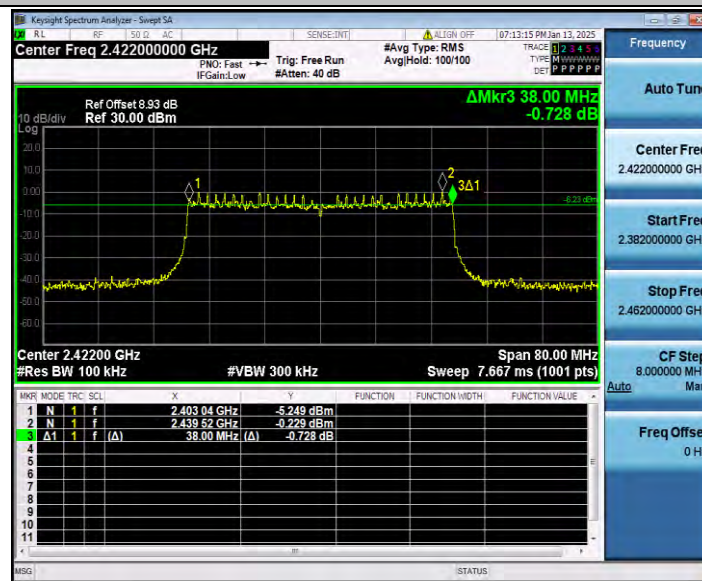
11AX20SISO_Ant1_2437



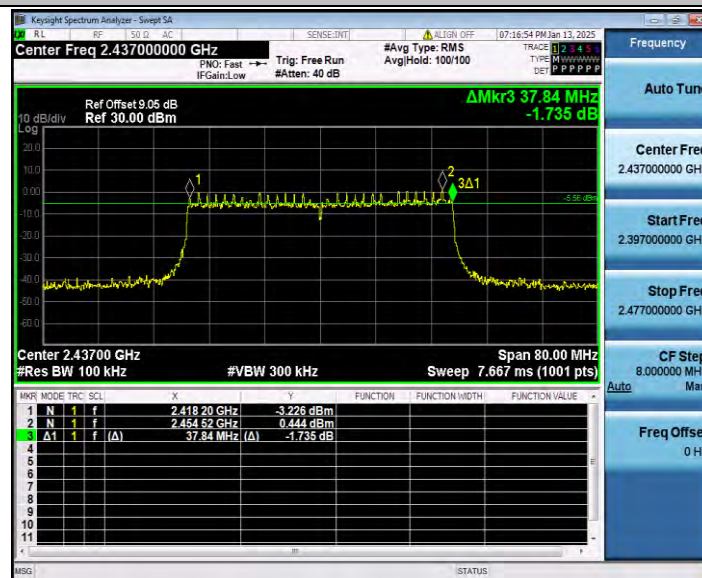
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

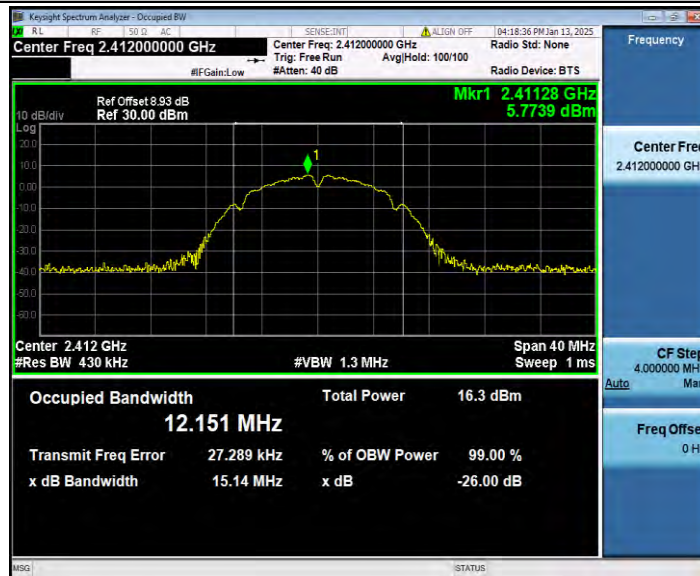
Appendix C.2: Occupied Channel Bandwidth

Test Result

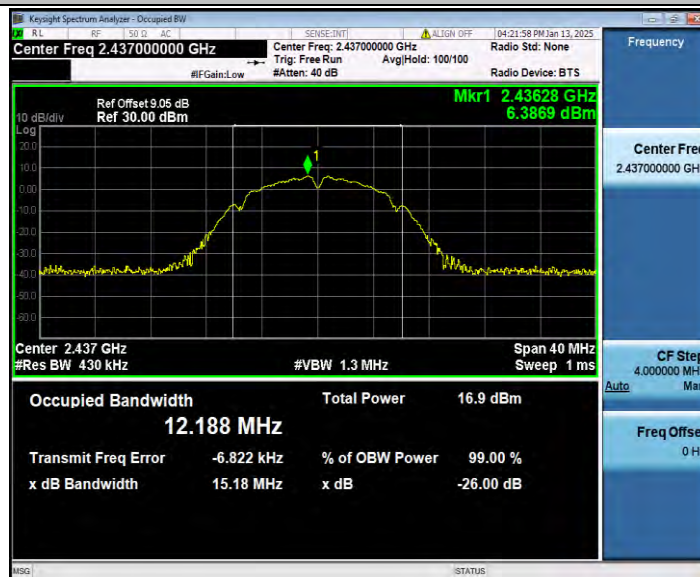
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.151	2405.9518	2418.1028	---	---
		2437	12.188	2430.8992	2443.0872	---	---
		2462	12.120	2455.9363	2468.0563	---	---
11G	Ant1	2412	17.293	2403.4537	2420.7467	---	---
		2437	17.327	2428.4593	2445.7863	---	---
		2462	17.196	2453.4874	2470.6834	---	---
11N20SISO	Ant1	2412	18.253	2402.9509	2421.2039	---	---
		2437	18.218	2427.9306	2446.1486	---	---
		2462	18.199	2452.9529	2471.1519	---	---
11N40SISO	Ant1	2422	36.748	2403.6471	2440.3951	---	---
		2437	36.835	2418.6948	2455.5298	---	---
		2452	36.709	2433.7405	2470.4495	---	---
11AX20SISO	Ant1	2412	19.254	2402.3945	2421.6485	---	---
		2437	19.257	2427.4000	2446.6570	---	---
		2462	19.198	2452.4152	2471.6132	---	---
11AX40SISO	Ant1	2422	38.128	2403.0152	2441.1432	---	---
		2437	38.144	2418.0079	2456.1519	---	---
		2452	38.034	2433.1020	2471.1360	---	---

Test Graphs

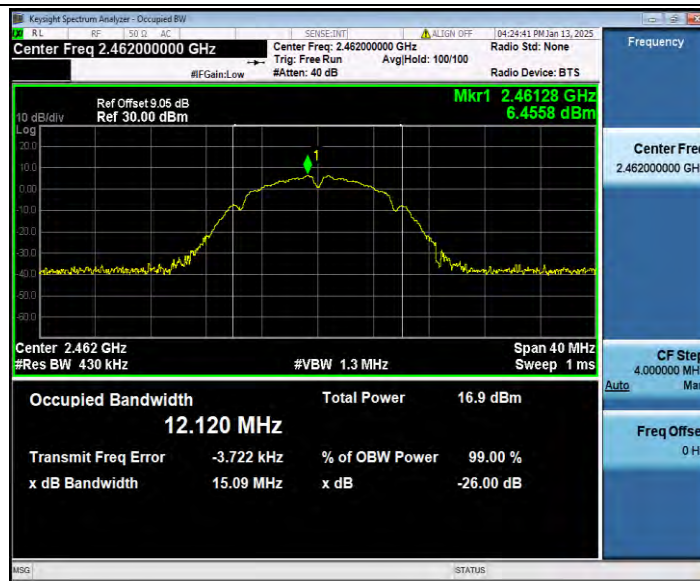
11B_Ant1_2412



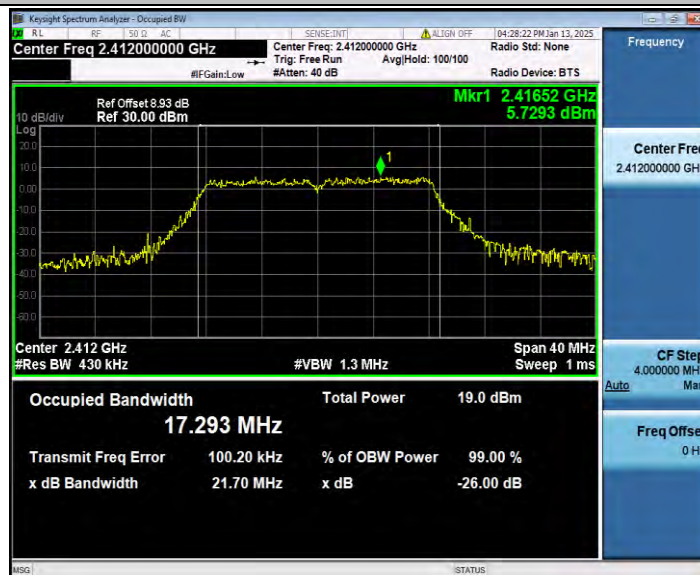
11B_Ant1_2437



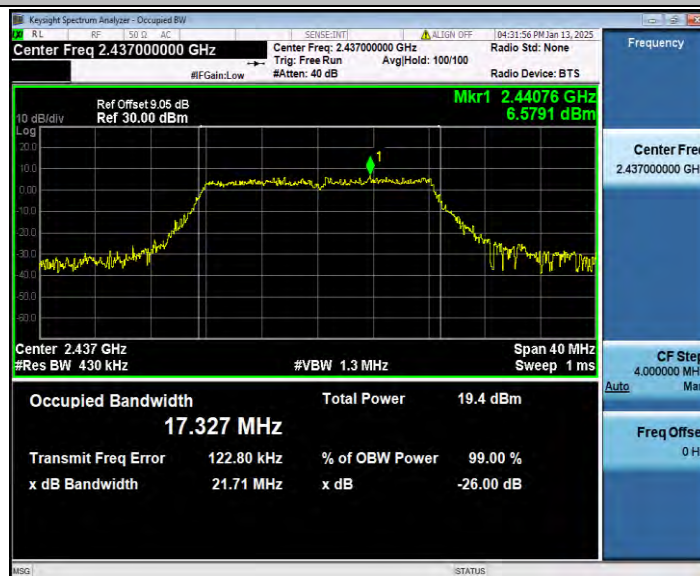
11B_Ant1_2462



11G_Ant1_2412



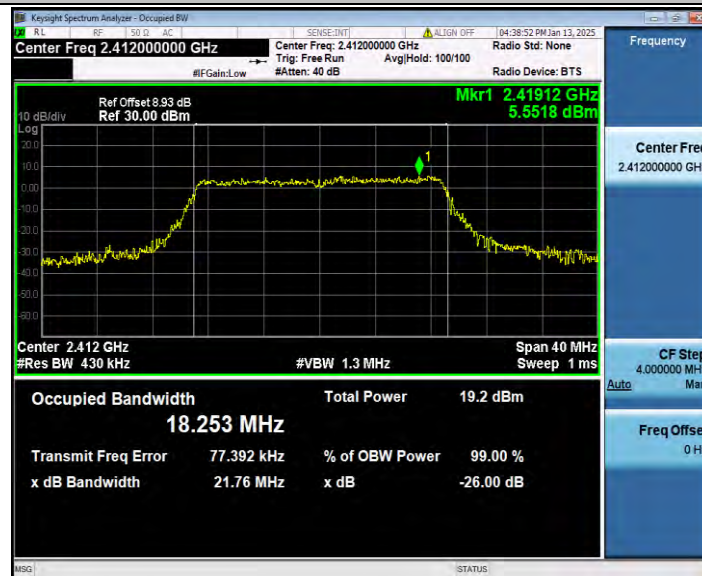
11G_Ant1_2437



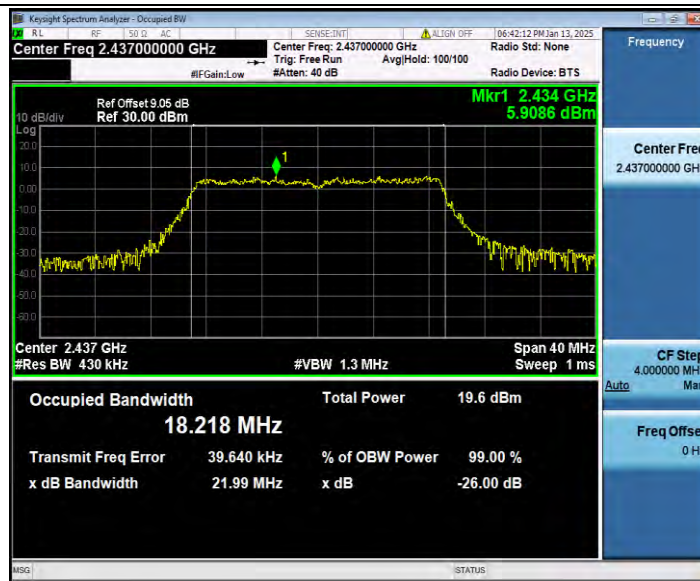
11G_Ant1_2462



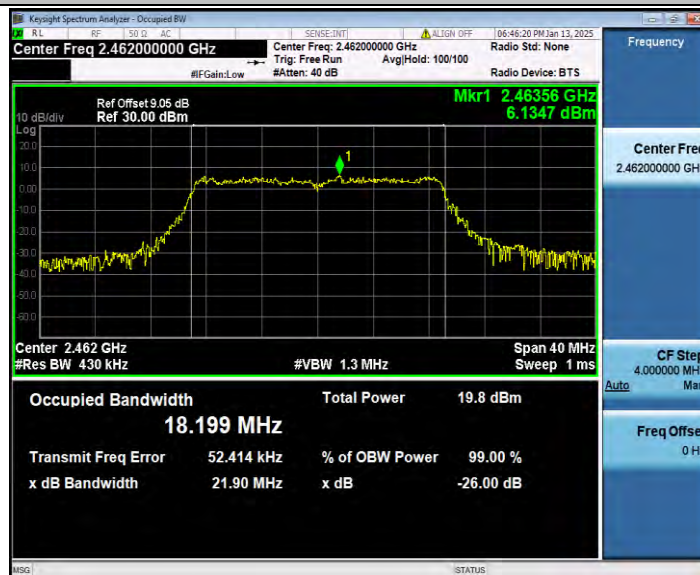
11N20SISO_Ant1_2412



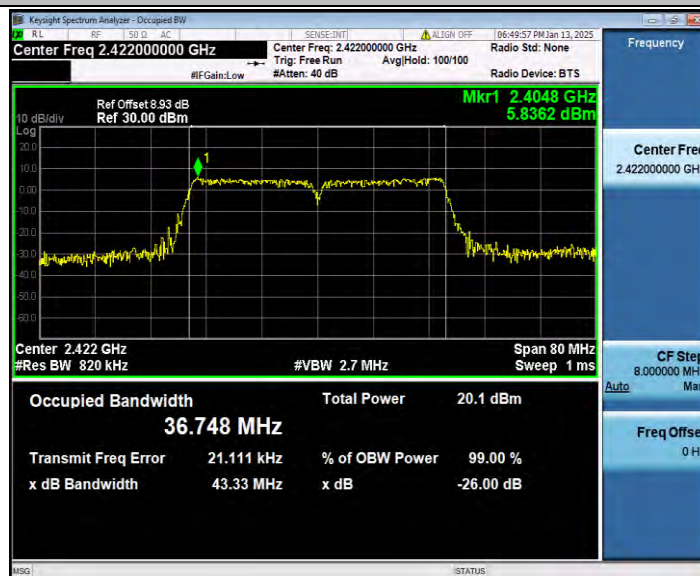
11N20SISO_Ant1_2437



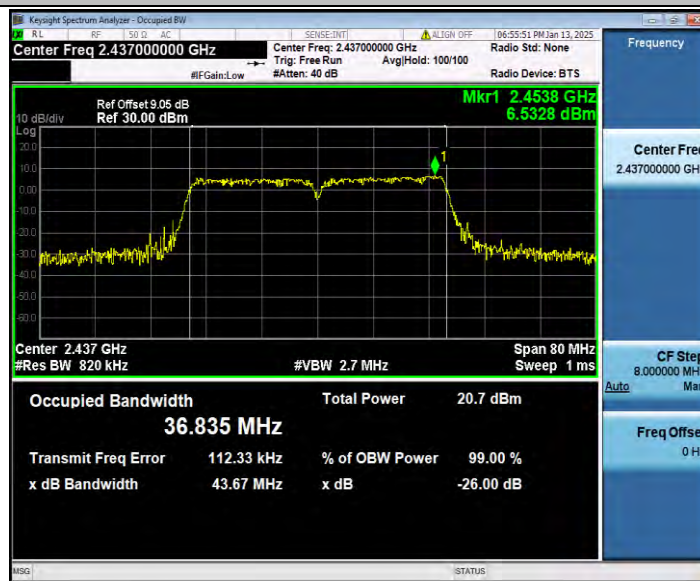
11N20SISO_Ant1_2462



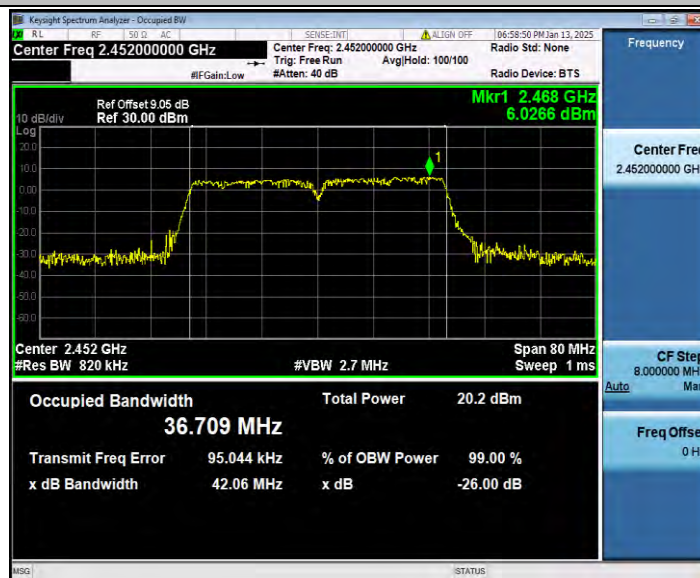
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



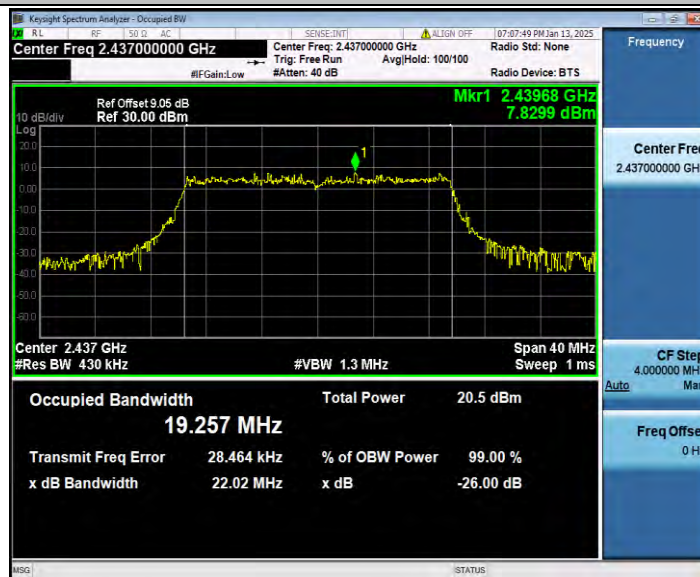
11N40SISO_Ant1_2452



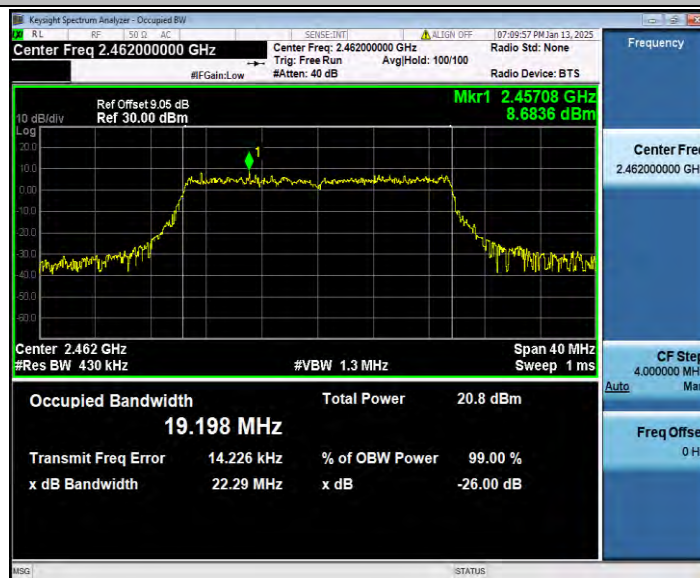
11AX20SISO_Ant1_2412



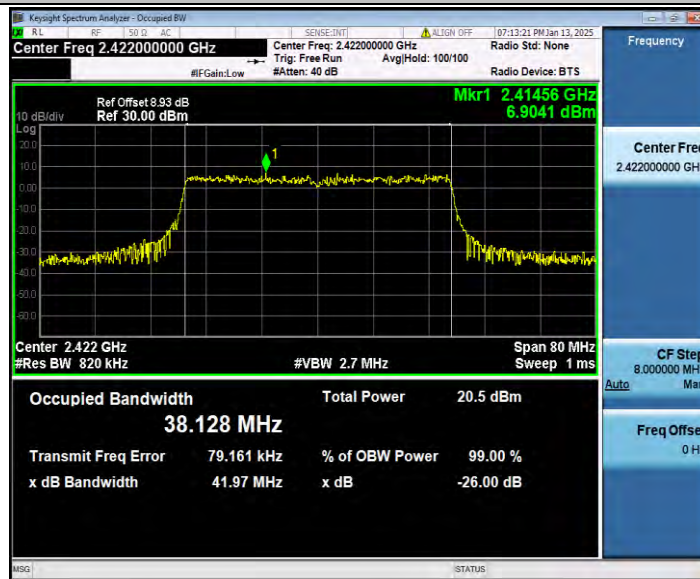
11AX20SISO_Ant1_2437



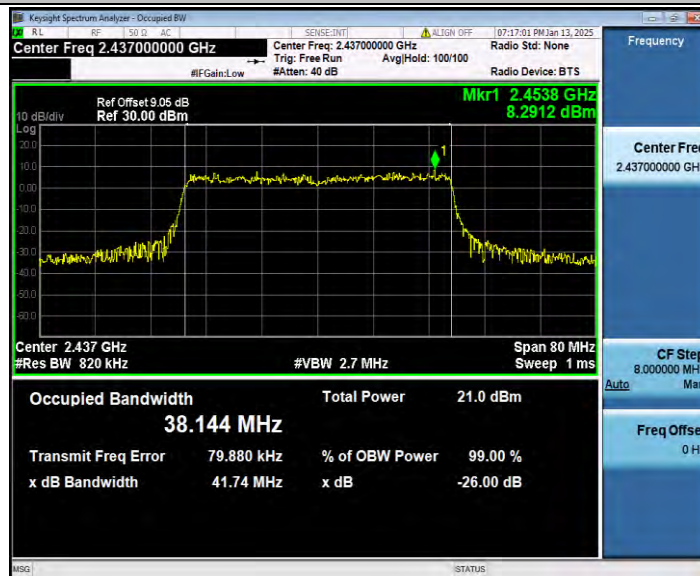
11AX20SISO_Ant1_2462



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	15.92	≤30.00	PASS
		2437	16.51	≤30.00	PASS
		2462	16.58	≤30.00	PASS
11G	Ant1	2412	20.25	≤30.00	PASS
		2437	20.52	≤30.00	PASS
		2462	20.93	≤30.00	PASS
11N20SISO	Ant1	2412	20.07	≤30.00	PASS
		2437	20.54	≤30.00	PASS
		2462	20.75	≤30.00	PASS
11N40SISO	Ant1	2422	20.33	≤30.00	PASS
		2437	20.86	≤30.00	PASS
		2452	20.60	≤30.00	PASS
11AX20SISO	Ant1	2412	20.94	≤30.00	PASS
		2437	21.17	≤30.00	PASS
		2462	21.51	≤30.00	PASS
11AX40SISO	Ant1	2422	20.58	≤30.00	PASS
		2437	21.02	≤30.00	PASS
		2452	20.74	≤30.00	PASS

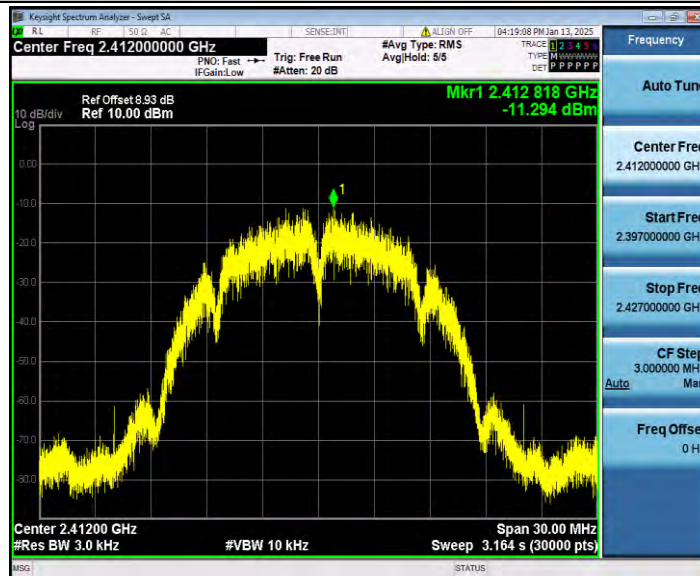
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.29	≤8.00	PASS
		2437	-10.87	≤8.00	PASS
		2462	-9.73	≤8.00	PASS
11G	Ant1	2412	-12.83	≤8.00	PASS
		2437	-12.56	≤8.00	PASS
		2462	-12.38	≤8.00	PASS
11N20SISO	Ant1	2412	-12.45	≤8.00	PASS
		2437	-14.07	≤8.00	PASS
		2462	-12.79	≤8.00	PASS
11N40SISO	Ant1	2422	-14.55	≤8.00	PASS
		2437	-13.95	≤8.00	PASS
		2452	-13.58	≤8.00	PASS
11AX20SISO	Ant1	2412	-13.46	≤8.00	PASS
		2437	-13.13	≤8.00	PASS
		2462	-12.63	≤8.00	PASS
11AX40SISO	Ant1	2422	-14.02	≤8.00	PASS
		2437	-12.81	≤8.00	PASS
		2452	-13.29	≤8.00	PASS

Test Graphs

11B_Ant1_2412



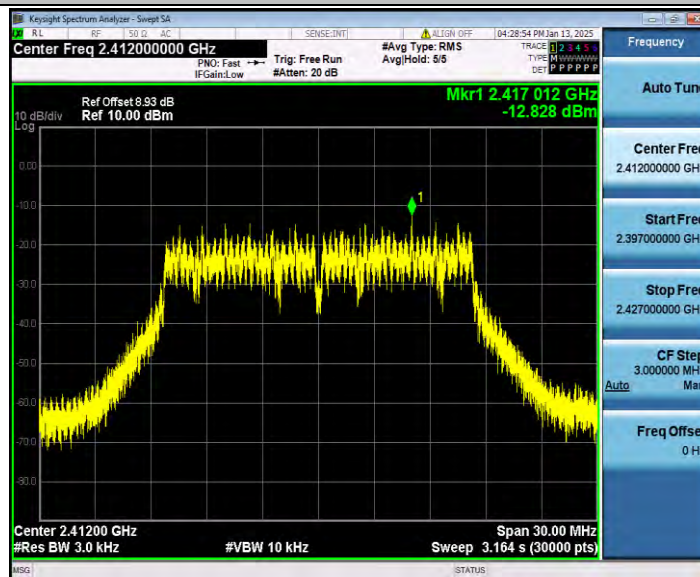
11B_Ant1_2437



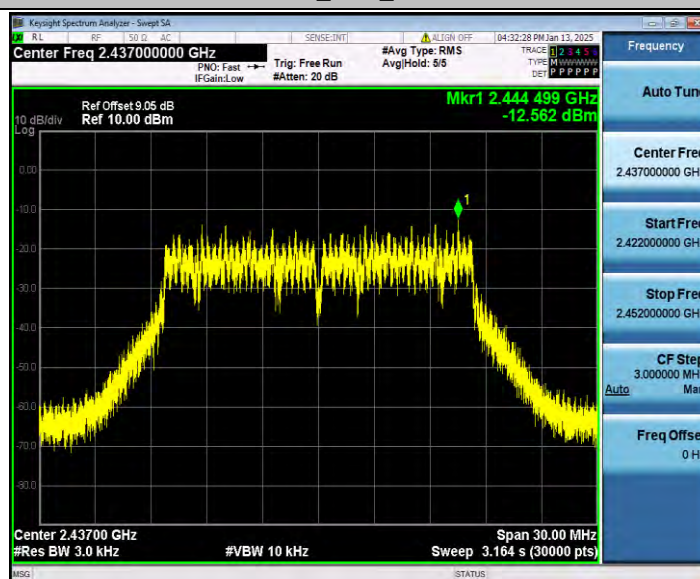
11B_Ant1_2462



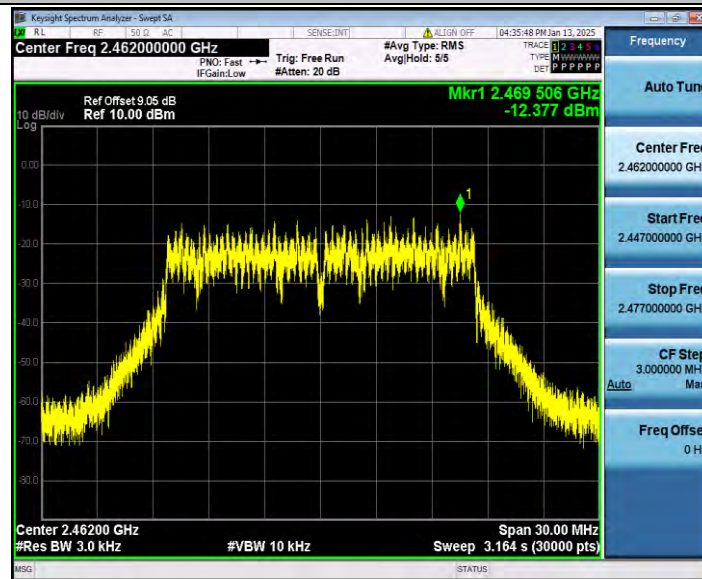
11G_Ant1_2412



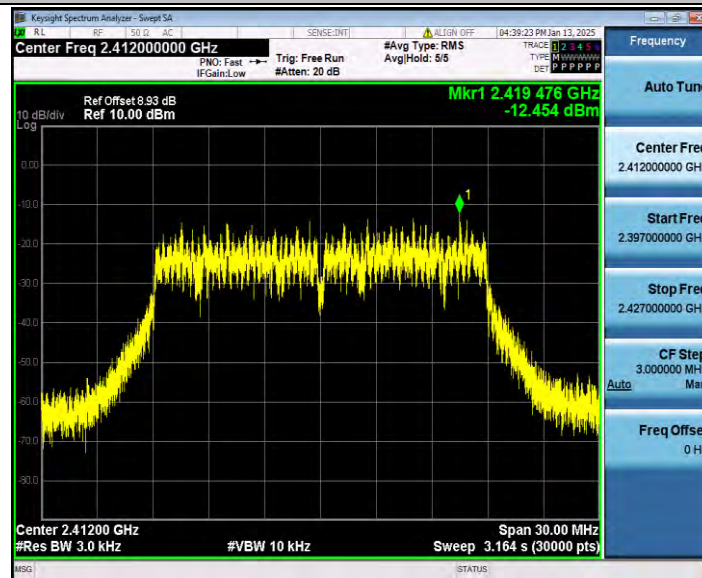
11G_Ant1_2437



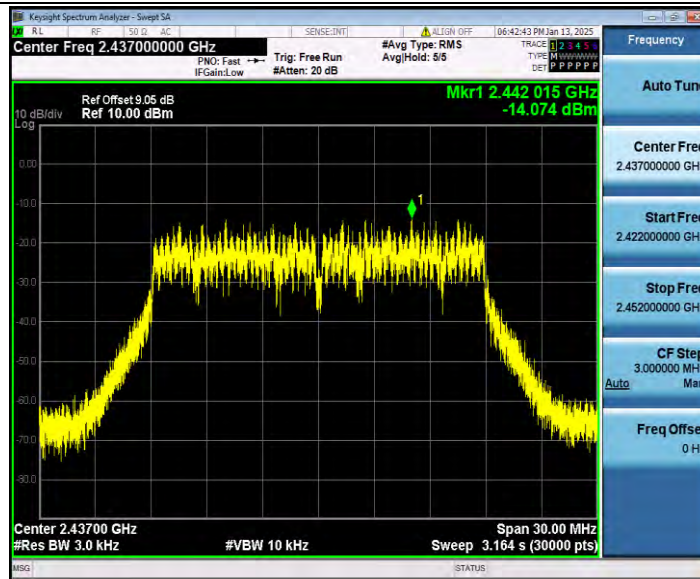
11G_Ant1_2462



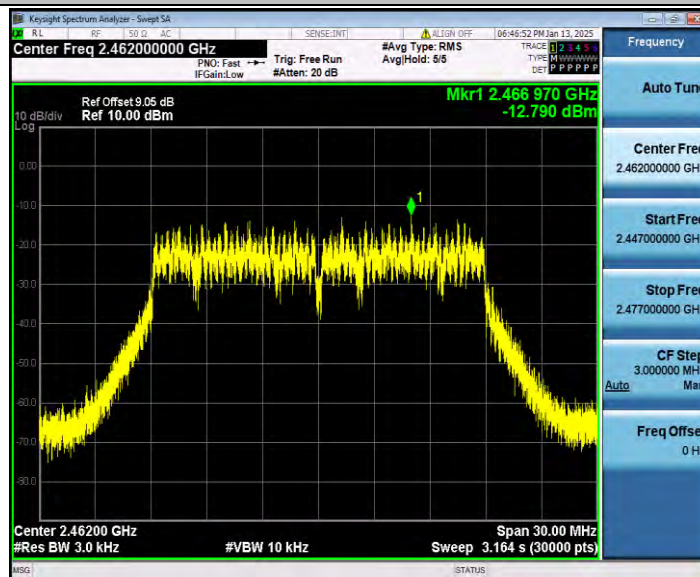
11N20SISO_Ant1_2412



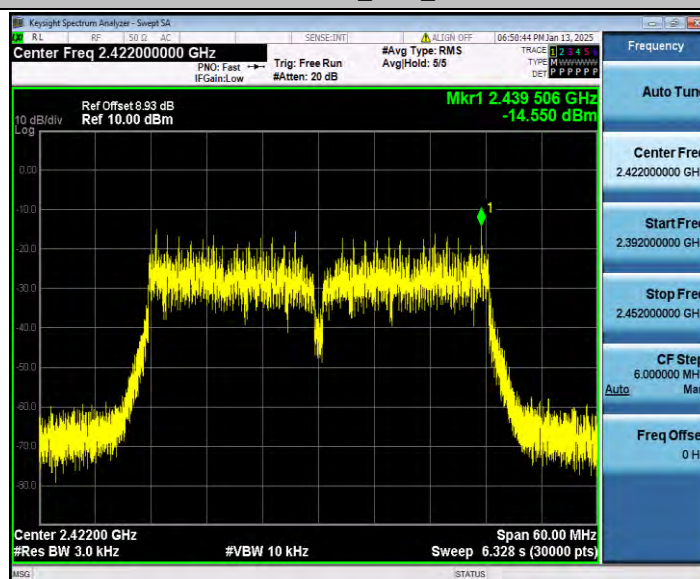
11N20SISO_Ant1_2437



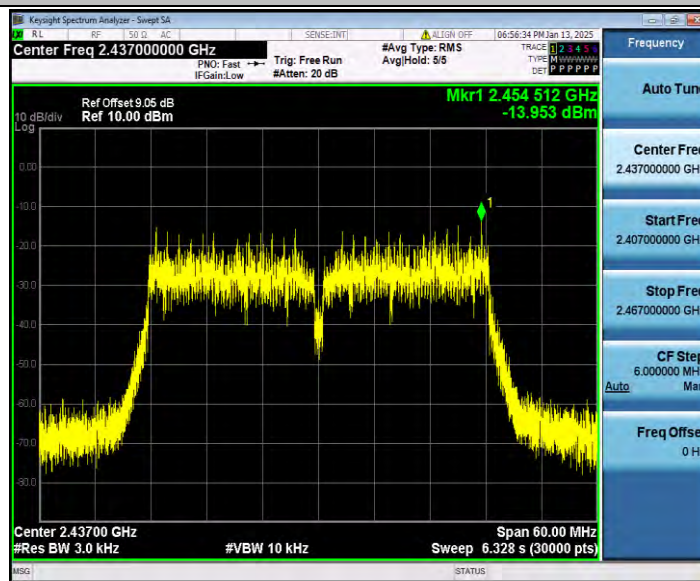
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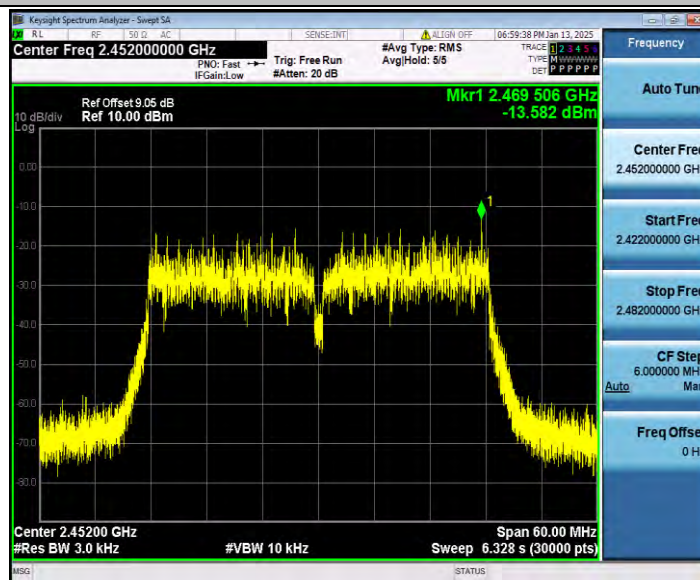
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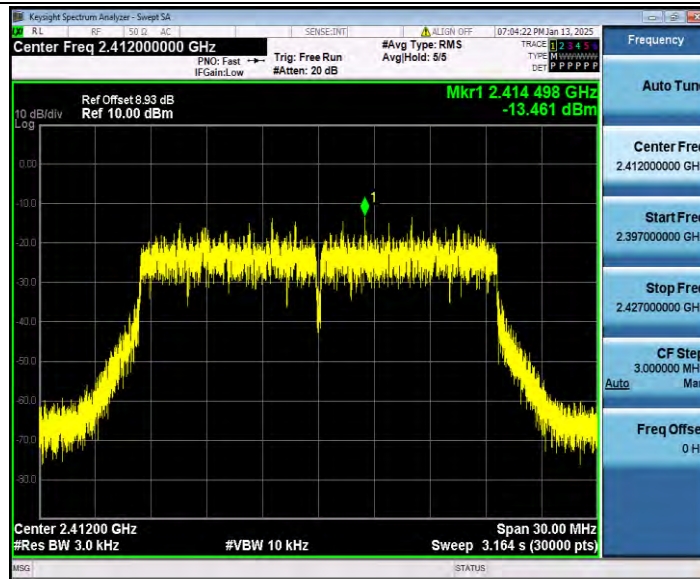
11N40SISO_Ant1_2437



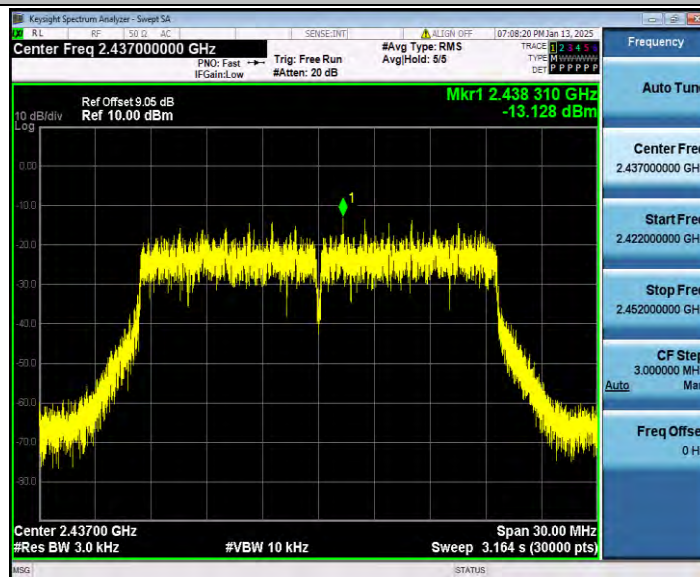
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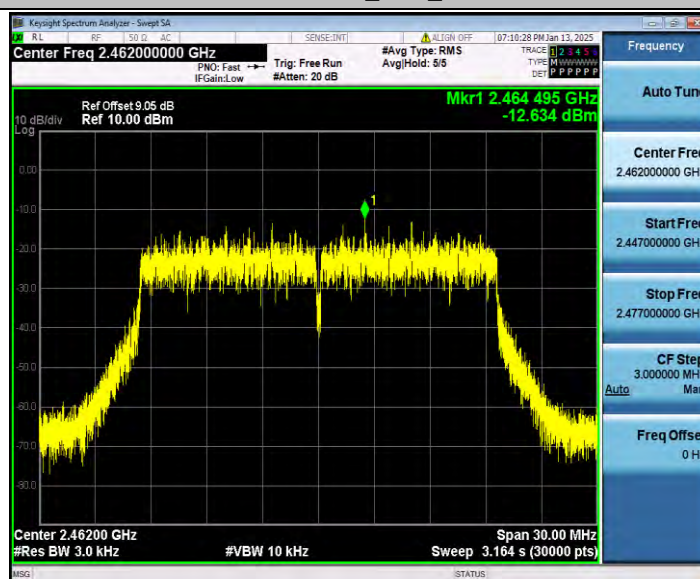
11AX20SISO_Ant1_2412



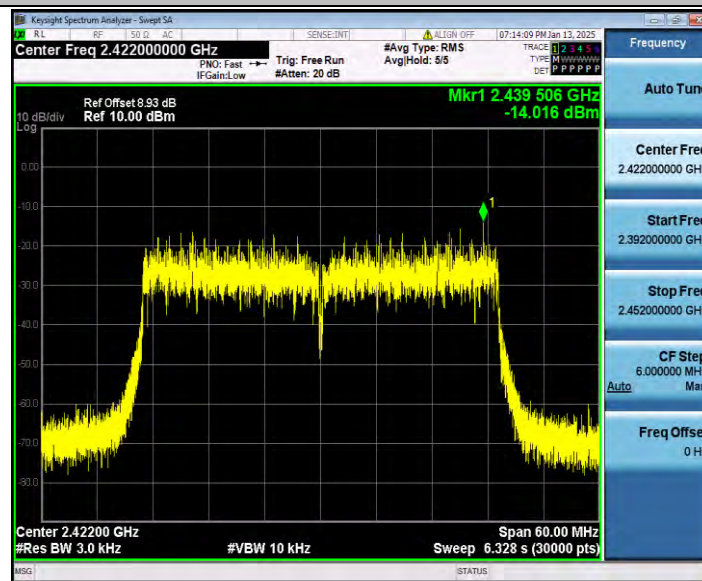
11AX20SISO_Ant1_2437



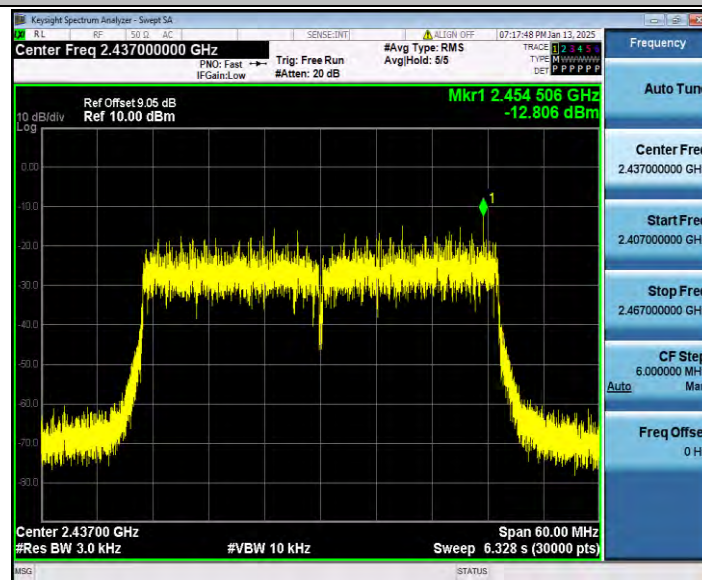
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

