

Case No. : <u>GTS20221124022-1-3</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.12.08</u>	Test Engineer: <u>Jenny zeng</u>

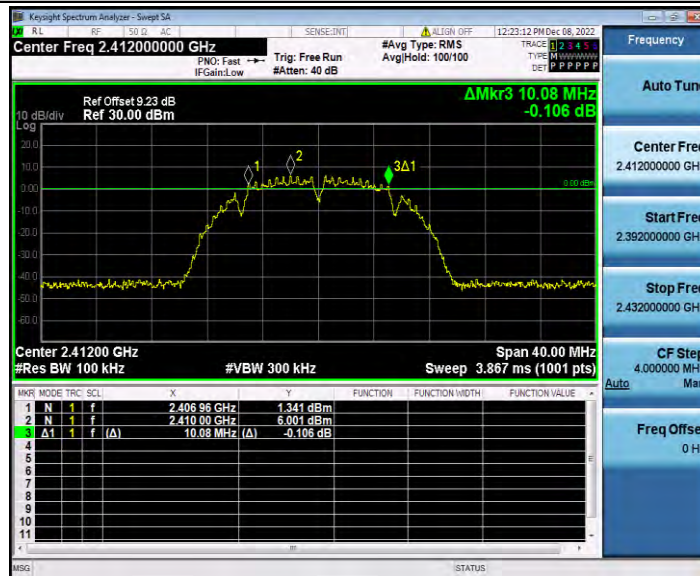
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	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	15.320	2404.160	2419.480	0.5	PASS
		2437	16.000	2429.200	2445.200	0.5	PASS
		2462	14.080	2454.440	2468.520	0.5	PASS
11N20SISO	Ant1	2412	13.320	2406.160	2419.480	0.5	PASS
		2437	16.920	2428.840	2445.760	0.5	PASS
		2462	17.520	2453.240	2470.760	0.5	PASS
11N40SISO	Ant1	2422	31.280	2408.480	2439.760	0.5	PASS
		2437	28.480	2423.880	2452.360	0.5	PASS
		2452	34.000	2435.120	2469.120	0.5	PASS
11AX20SISO	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	16.480	2429.520	2446.000	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11AX40SISO	Ant1	2422	35.040	2404.560	2439.600	0.5	PASS
		2437	34.960	2419.560	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs

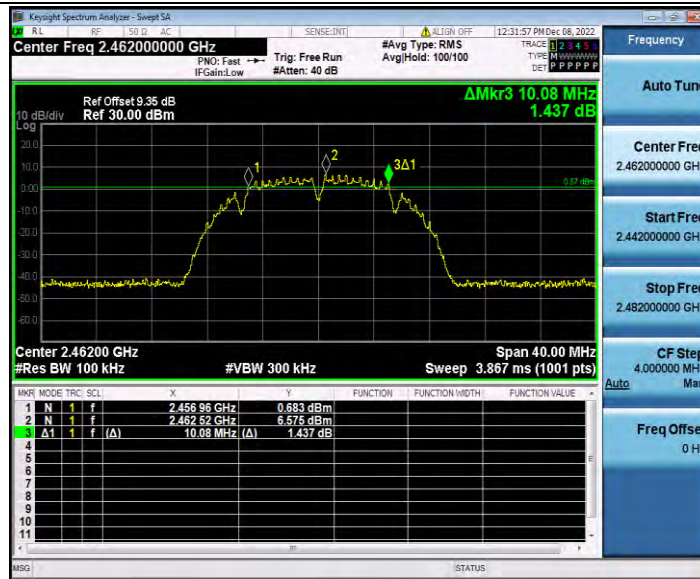
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



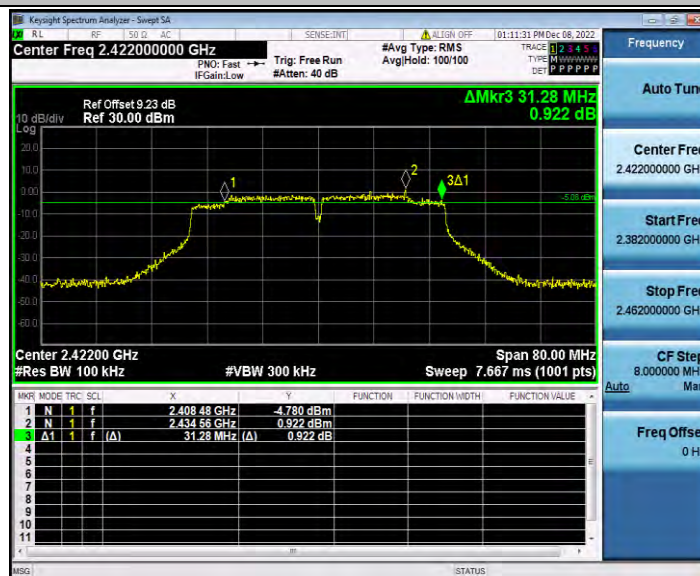
11N20SISO_Ant1_2437



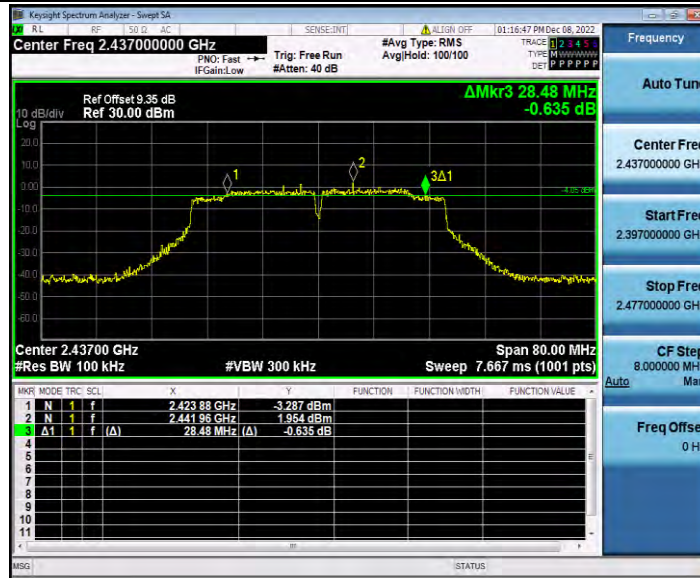
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



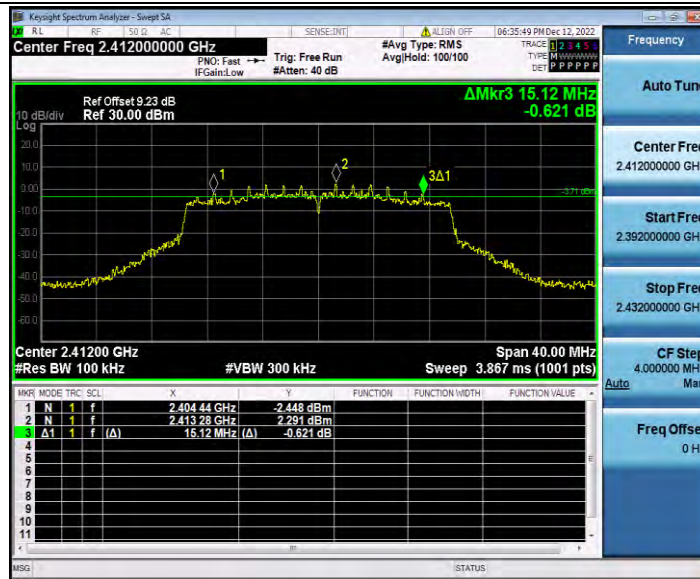
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



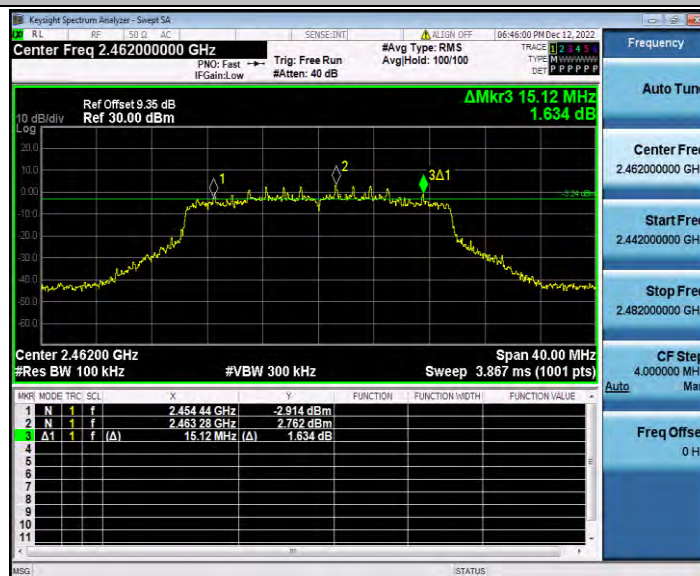
11AX20SISO_Ant1_2412



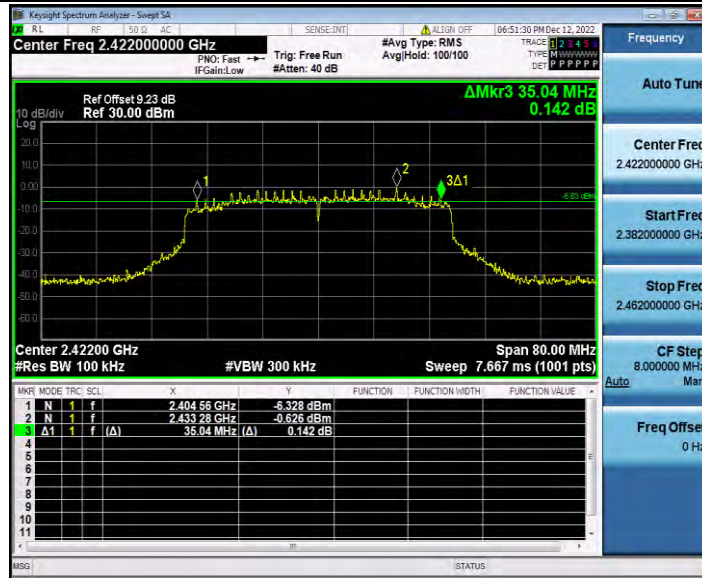
11AX20SISO_Ant1_2437



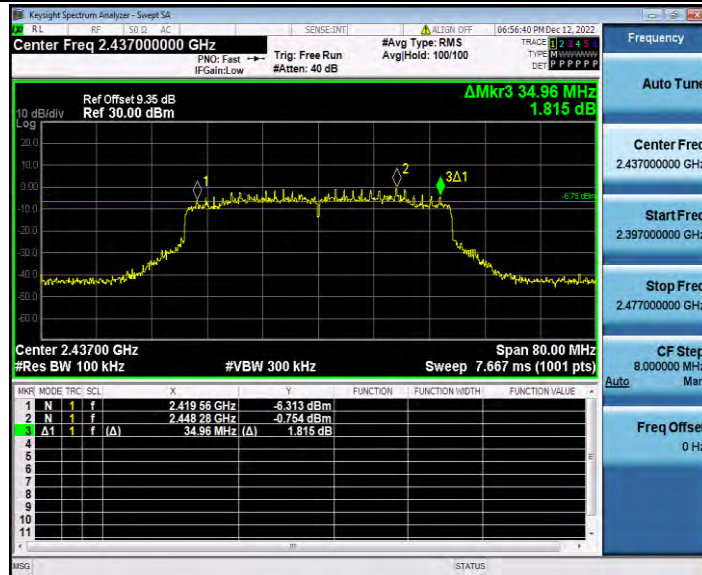
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



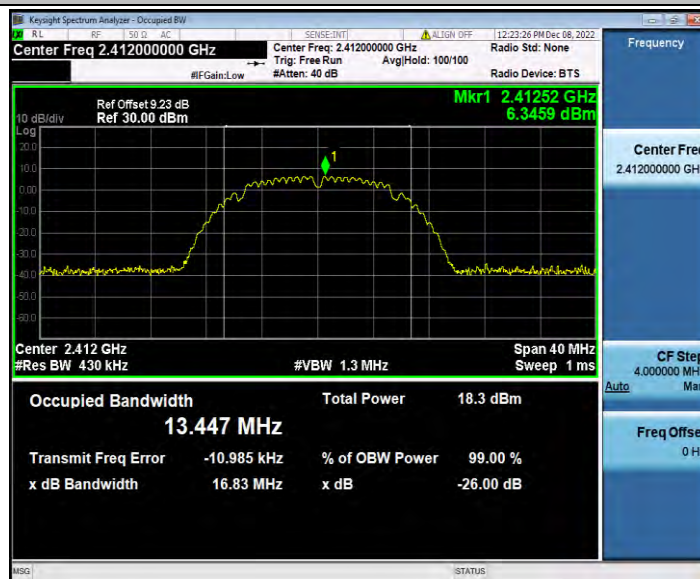
Appendix C.2: Occupied Channel Bandwidth

Test Result

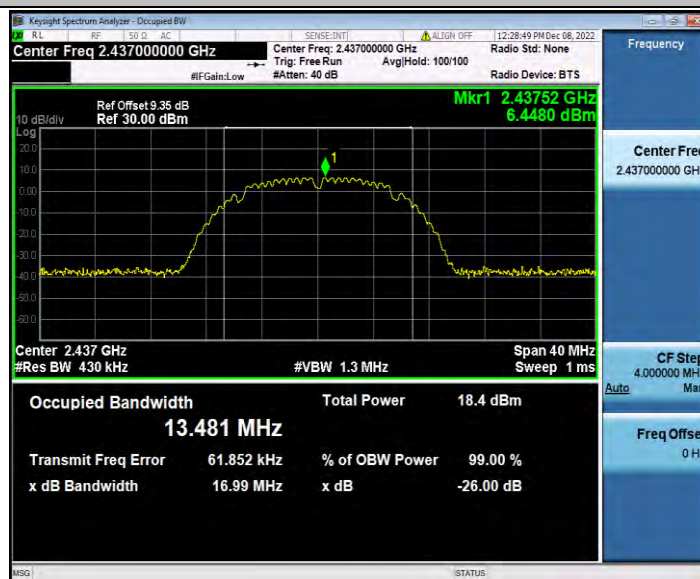
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.447	2405.266	2418.713	---	---
		2437	13.481	2430.321	2443.802	---	---
		2462	13.423	2455.299	2468.722	---	---
11G	Ant1	2412	16.836	2403.550	2420.386	---	---
		2437	16.853	2428.644	2445.497	---	---
		2462	16.851	2453.599	2470.450	---	---
11N20SISO	Ant1	2412	17.955	2403.056	2421.011	---	---
		2437	17.916	2428.095	2446.011	---	---
		2462	17.904	2453.099	2471.003	---	---
11N40SISO	Ant1	2422	36.071	2404.123	2440.194	---	---
		2437	36.167	2418.968	2455.135	---	---
		2452	36.010	2434.022	2470.032	---	---
11AX20SISO	Ant1	2412	18.972	2402.503	2421.475	---	---
		2437	18.977	2427.533	2446.510	---	---
		2462	18.923	2452.557	2471.480	---	---
11AX40SISO	Ant1	2422	37.517	2403.400	2440.917	---	---
		2437	37.582	2418.256	2455.838	---	---
		2452	37.444	2433.331	2470.775	---	---

Test Graphs

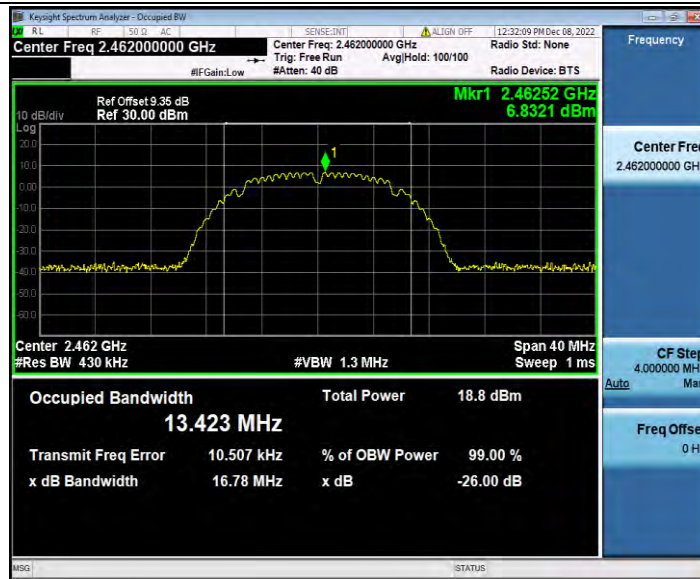
11B_Ant1_2412



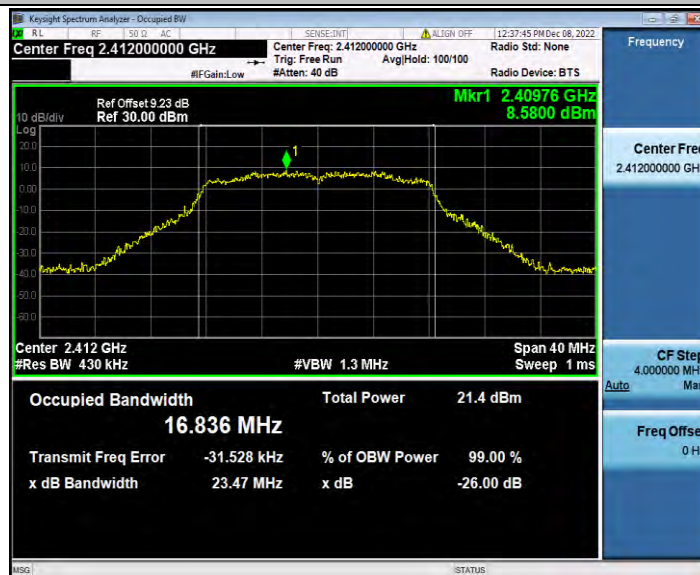
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



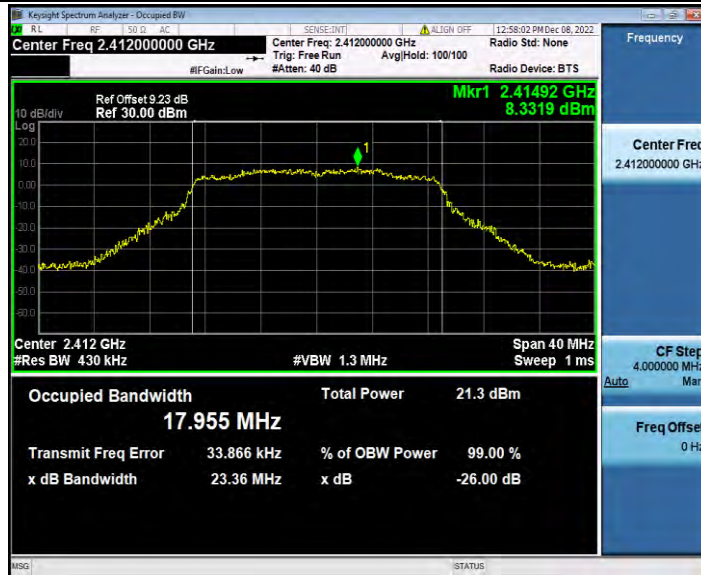
11G_Ant1_2437



11G_Ant1_2462



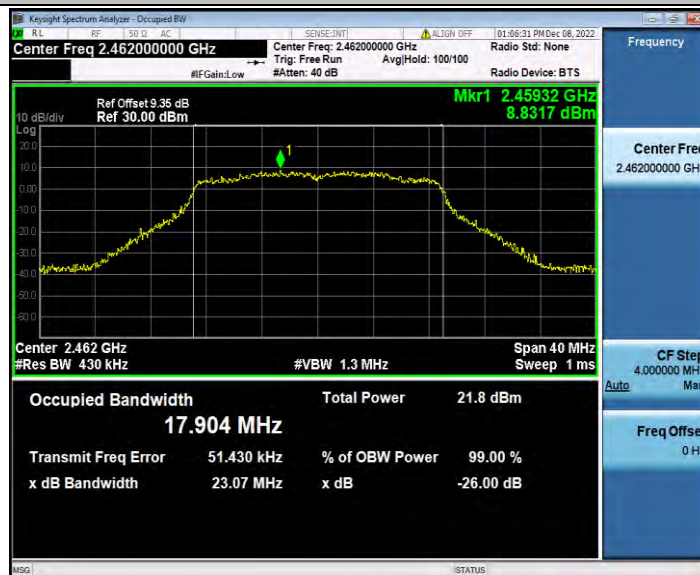
11N20SISO_Ant1_2412



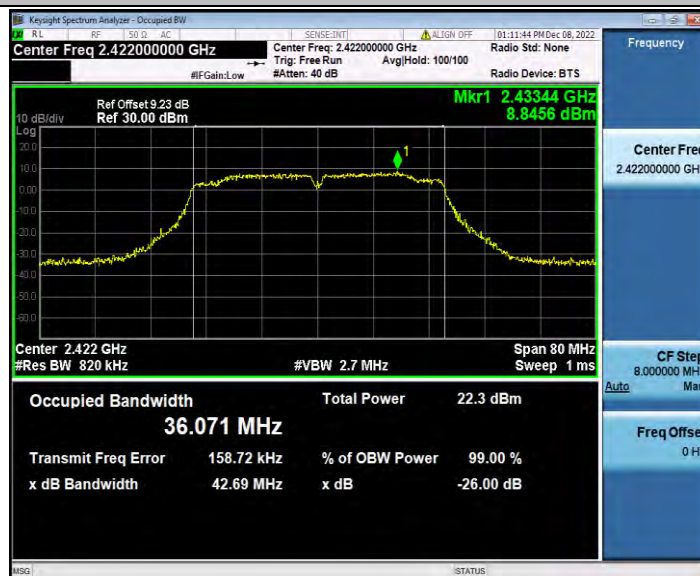
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



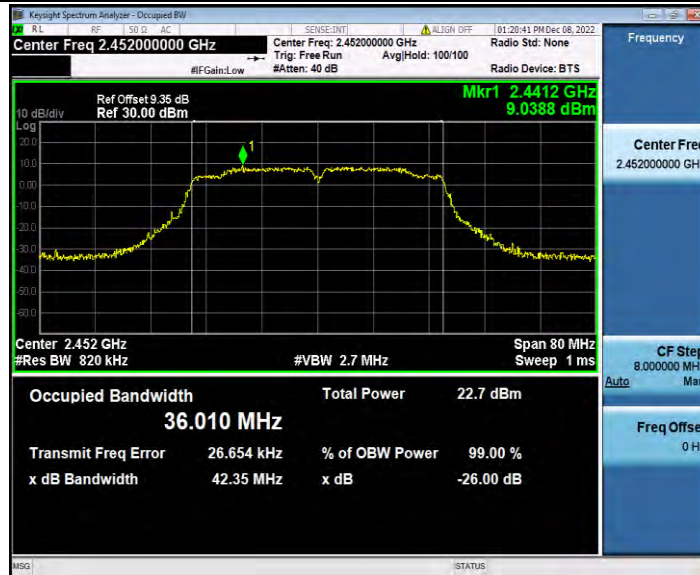
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



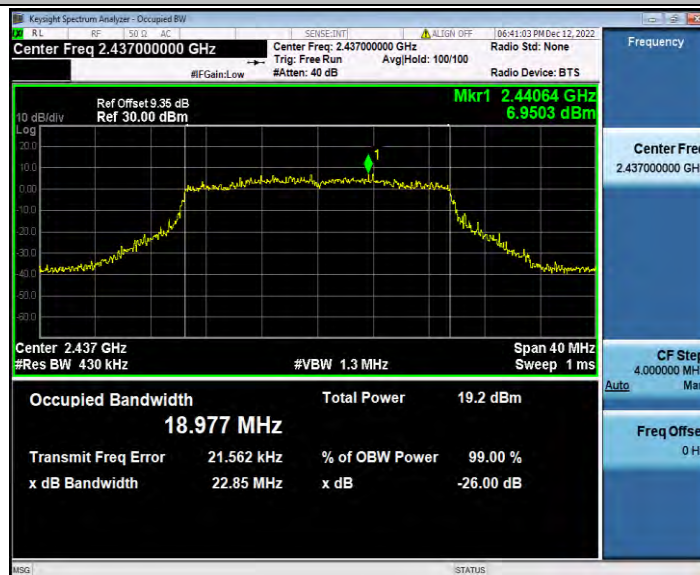
11N40SISO_Ant1_2452



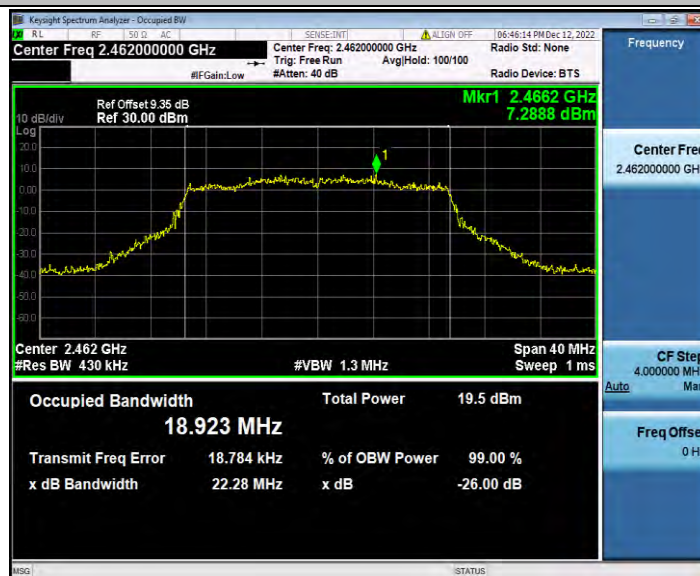
11AX20SISO_Ant1_2412



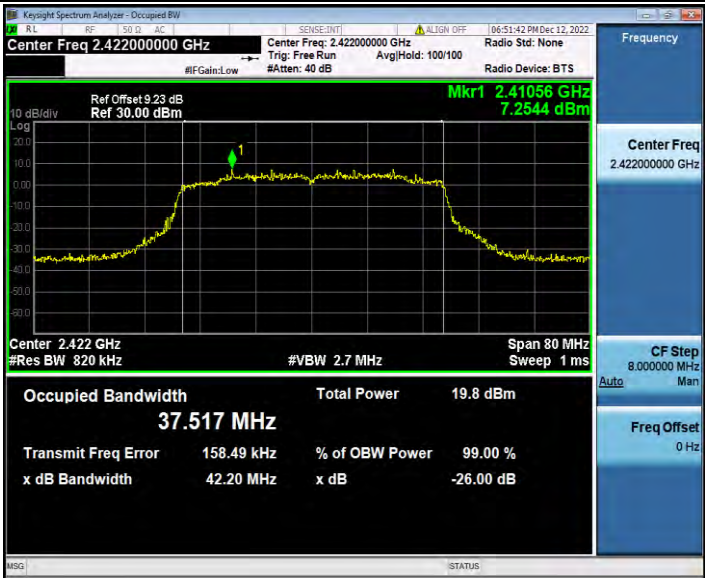
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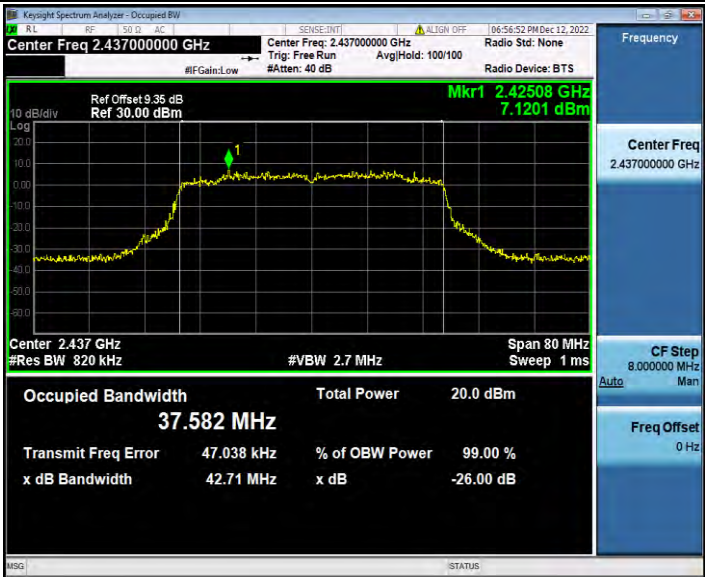
11AX20SISO_Ant1_2462



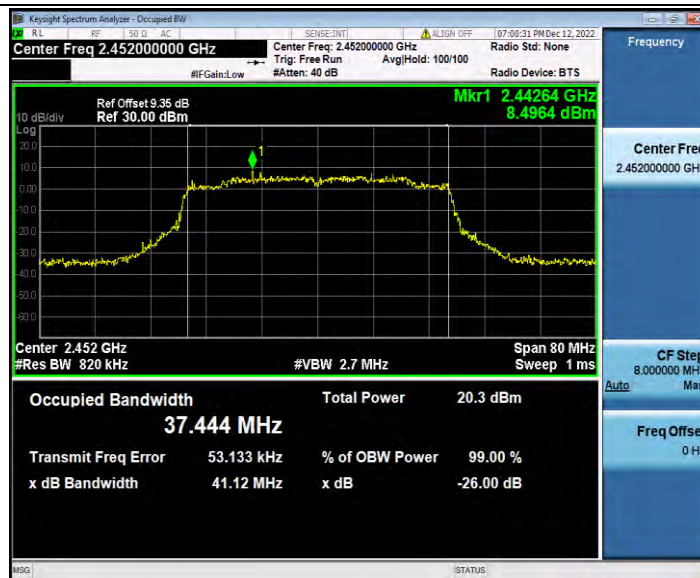
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	18.35	≤30.00	PASS
		2437	18.48	≤30.00	PASS
		2462	18.84	≤30.00	PASS
11G	Ant1	2412	22.29	≤30.00	PASS
		2437	22.53	≤30.00	PASS
		2462	22.93	≤30.00	PASS
11N20SISO	Ant1	2412	22.27	≤30.00	PASS
		2437	22.39	≤30.00	PASS
		2462	22.81	≤30.00	PASS
11N40SISO	Ant1	2422	22.64	≤30.00	PASS
		2437	22.81	≤30.00	PASS
		2452	22.93	≤30.00	PASS
11AX20SISO	Ant1	2412	19.51	≤30.00	PASS
		2437	19.87	≤30.00	PASS
		2462	19.99	≤30.00	PASS
11AX40SISO	Ant1	2422	19.89	≤30.00	PASS
		2437	20.15	≤30.00	PASS
		2452	20.28	≤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	-7.3	≤8.00	PASS
		2437	-8.36	≤8.00	PASS
		2462	-7.82	≤8.00	PASS
11G	Ant1	2412	-9.84	≤8.00	PASS
		2437	-9.69	≤8.00	PASS
		2462	-8.83	≤8.00	PASS
11N20SISO	Ant1	2412	-8.69	≤8.00	PASS
		2437	-10.02	≤8.00	PASS
		2462	-8.91	≤8.00	PASS
11N40SISO	Ant1	2422	-12.65	≤8.00	PASS
		2437	-10.42	≤8.00	PASS
		2452	-12.72	≤8.00	PASS
11AX20SISO	Ant1	2412	-13.66	≤8.00	PASS
		2437	-14	≤8.00	PASS
		2462	-13.76	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.92	≤8.00	PASS
		2437	-16.32	≤8.00	PASS
		2452	-16	≤8.00	PASS

Test Graphs

11B_Ant1_2412



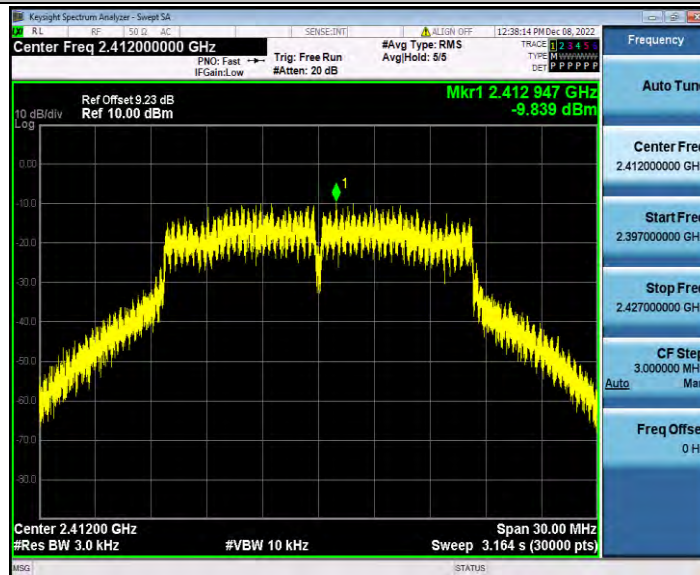
11B_Ant1_2437



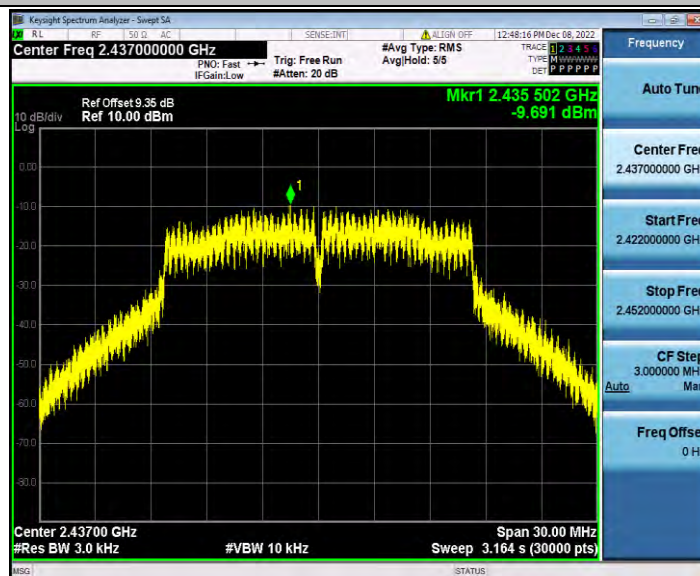
11B_Ant1_2462



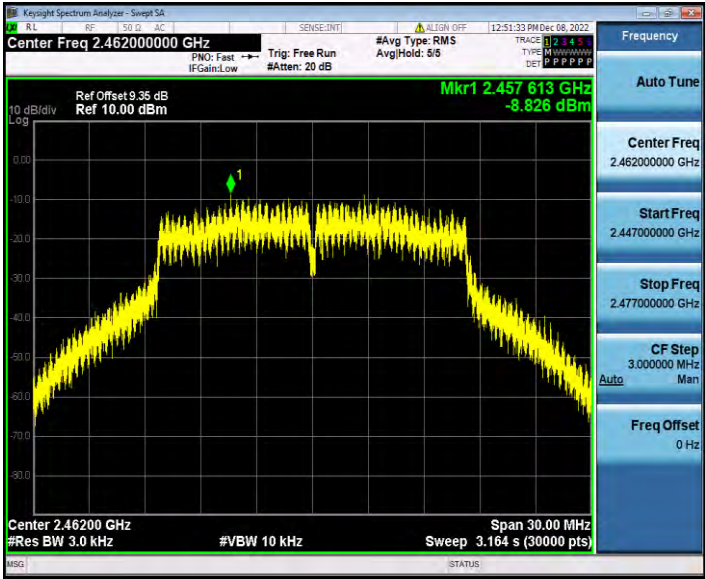
11G_Ant1_2412



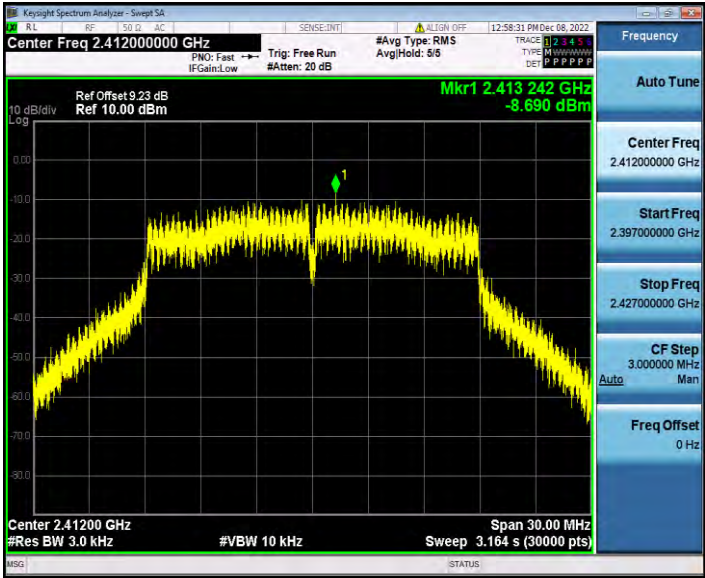
11G_Ant1_2437



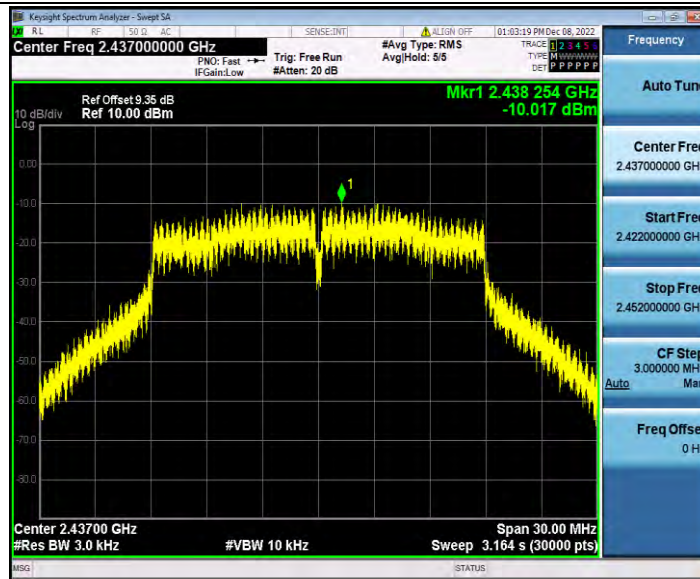
11G_Ant1_2462



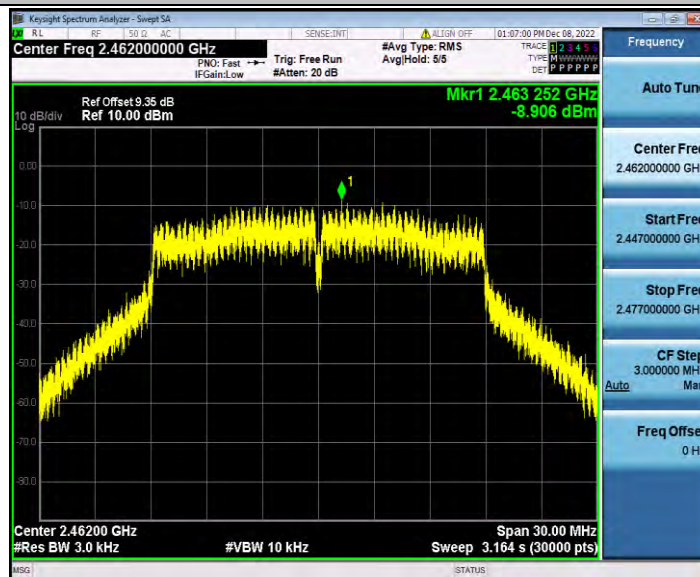
11N20SISO_Ant1_2412



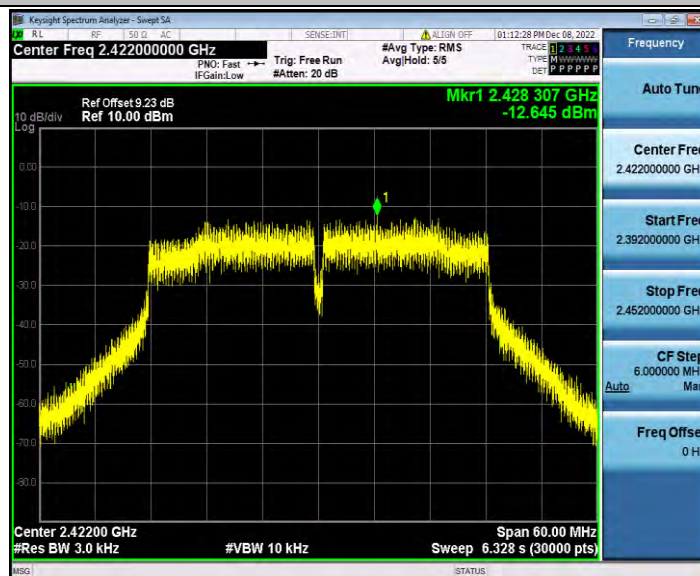
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



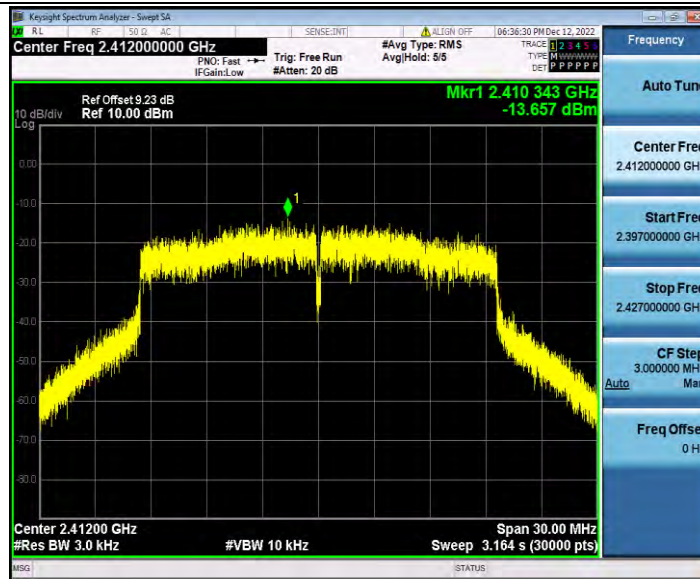
11N40SISO_Ant1_2437



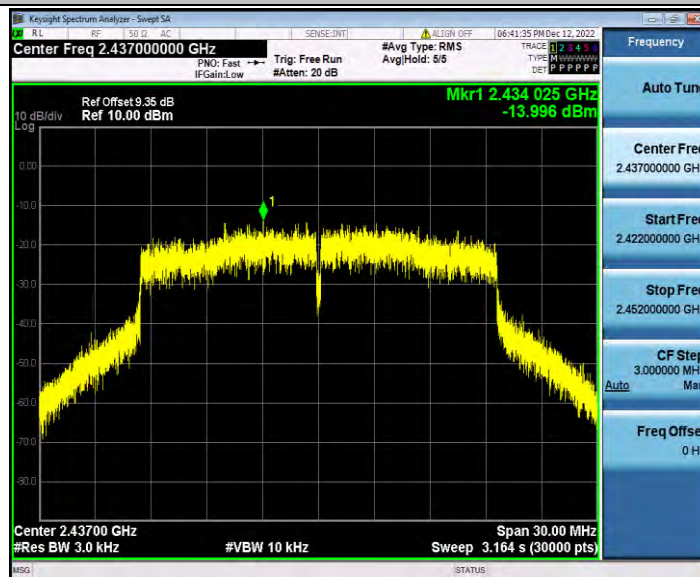
11N40SISO_Ant1_2452



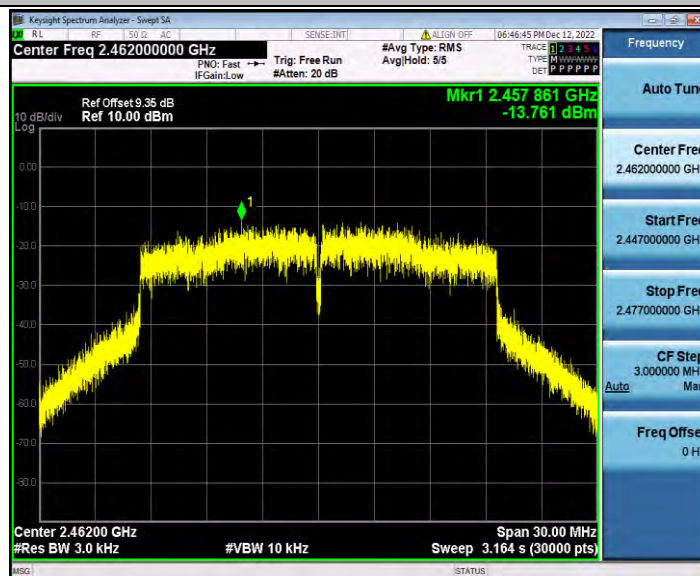
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

