

Case No. : GTS20220629010-1-3	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.8.5	Test Engineer: Jenny zeng

Appendix C.1: DTS Bandwidth

Test Result

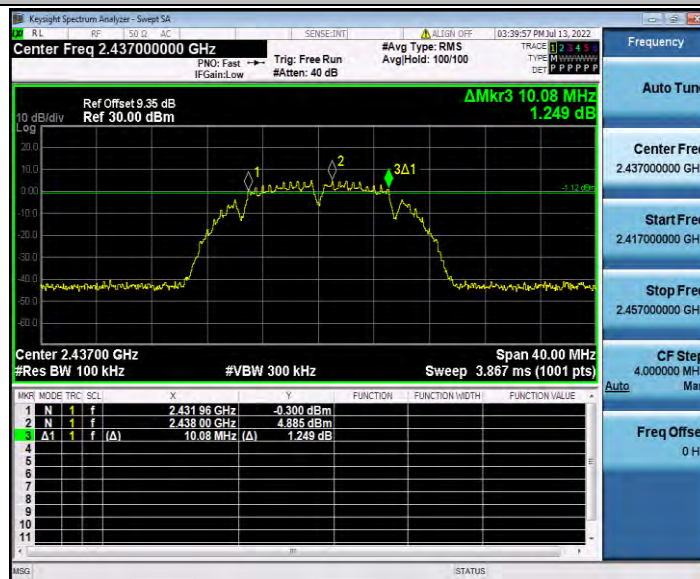
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	13.440	2404.880	2418.320	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	15.400	2454.520	2469.920	0.5	PASS
11N20SISO	Ant1	2412	12.840	2406.920	2419.760	0.5	PASS
		2437	14.840	2430.680	2445.520	0.5	PASS
		2462	12.480	2455.160	2467.640	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	32.560	2421.960	2454.520	0.5	PASS
		2452	35.120	2434.160	2469.280	0.5	PASS
11AX20SISO	Ant1	2412	17.080	2403.480	2420.560	0.5	PASS
		2437	15.080	2429.440	2444.520	0.5	PASS
		2462	15.160	2454.760	2469.920	0.5	PASS
11AX40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	33.840	2419.480	2453.320	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs

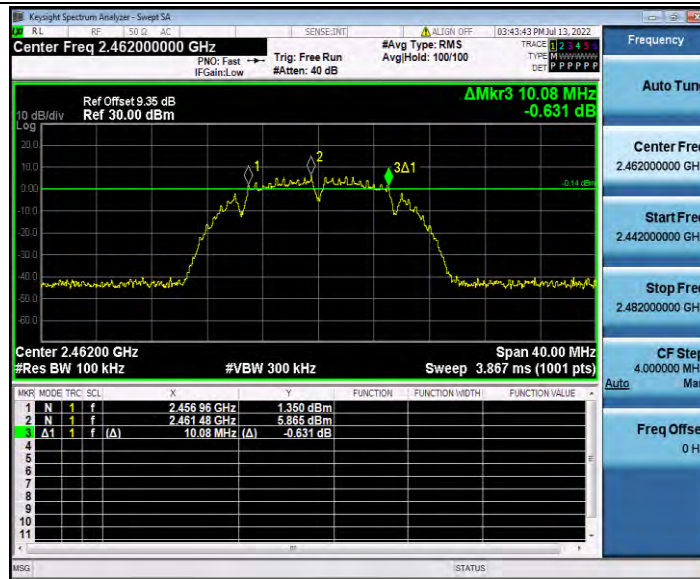
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



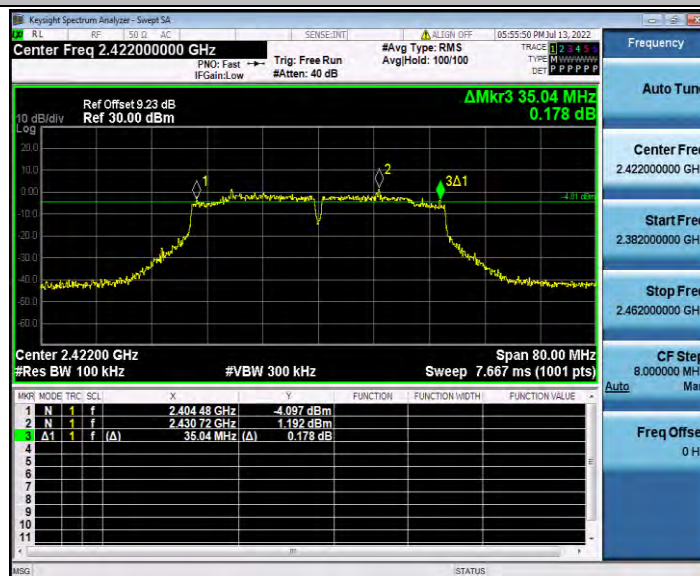
11N20SISO_Ant1_2437



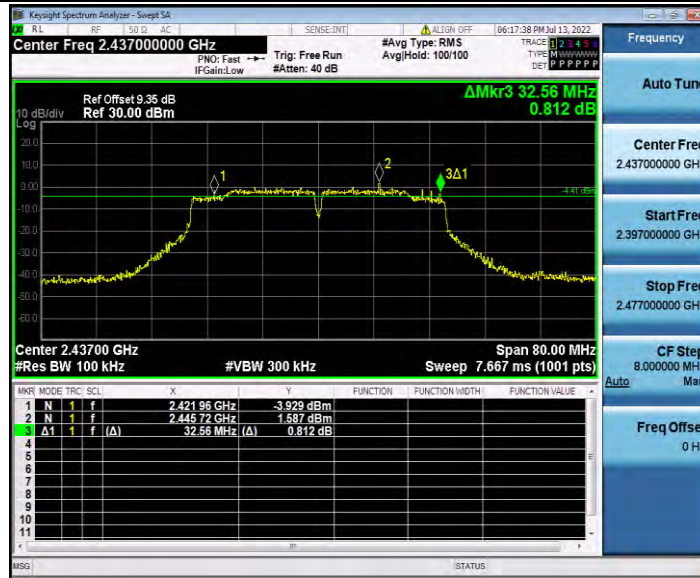
11N20SISO_Ant1_2462



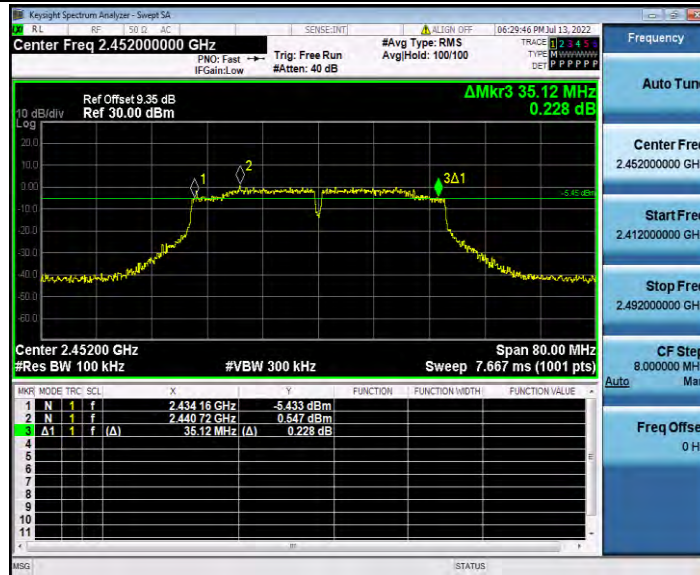
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



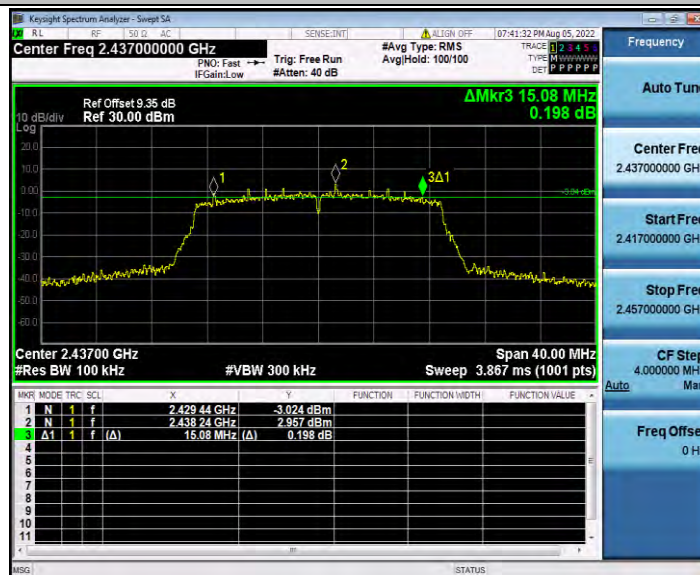
11N40SISO_Ant1_2452



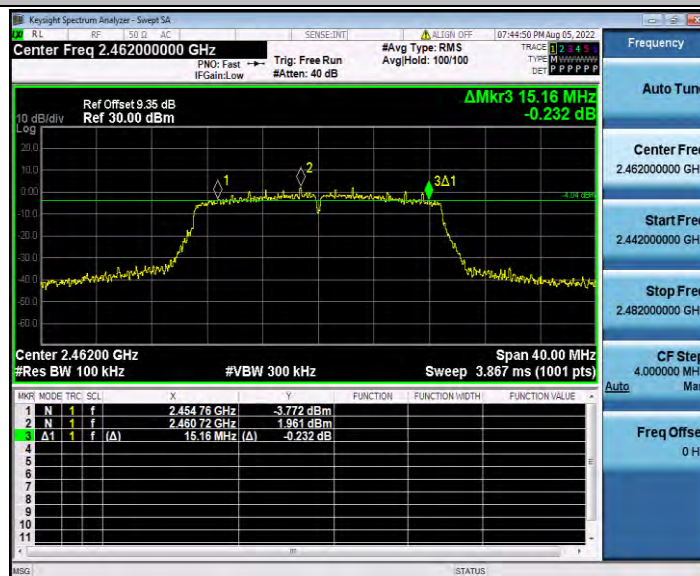
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



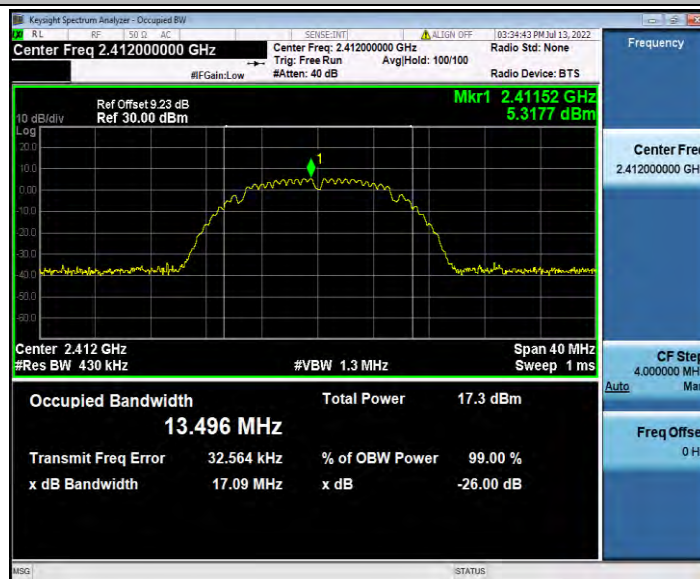
Appendix C.2: Occupied Channel Bandwidth

Test Result

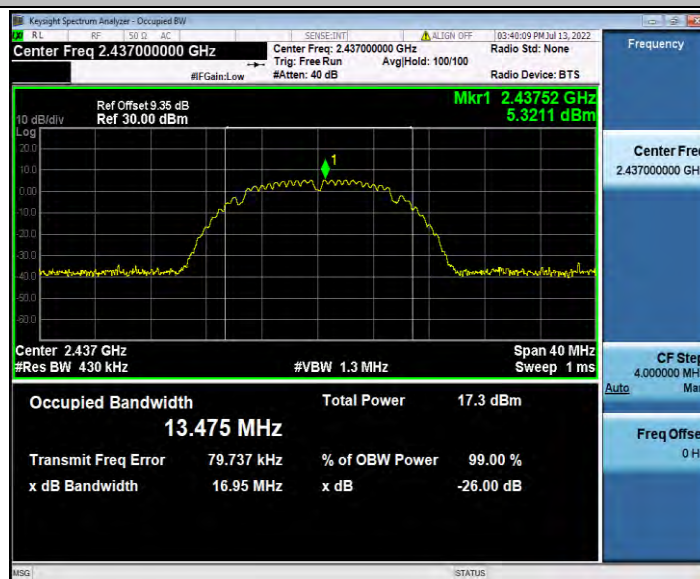
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.496	2405.285	2418.781	---	---
		2437	13.475	2430.342	2443.817	---	---
		2462	13.455	2455.279	2468.734	---	---
11G	Ant1	2412	16.828	2403.637	2420.465	---	---
		2437	16.853	2428.620	2445.473	---	---
		2462	16.874	2453.570	2470.444	---	---
11N20SISO	Ant1	2412	17.954	2403.047	2421.001	---	---
		2437	17.924	2428.098	2446.022	---	---
		2462	17.866	2453.086	2470.952	---	---
11N40SISO	Ant1	2422	36.094	2403.909	2440.003	---	---
		2437	35.974	2418.994	2454.968	---	---
		2452	36.008	2434.011	2470.019	---	---
11AX20SISO	Ant1	2412	17.936	2403.047	2420.983	---	---
		2437	17.797	2428.157	2445.954	---	---
		2462	17.821	2453.090	2470.911	---	---
11AX40SISO	Ant1	2422	36.167	2404.048	2440.215	---	---
		2437	36.031	2419.113	2455.144	---	---
		2452	36.068	2434.044	2470.112	---	---

Test Graphs

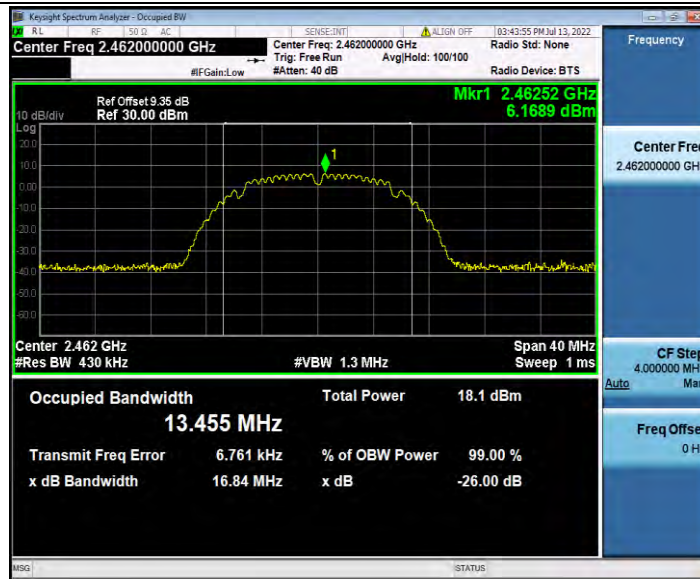
11B_Ant1_2412



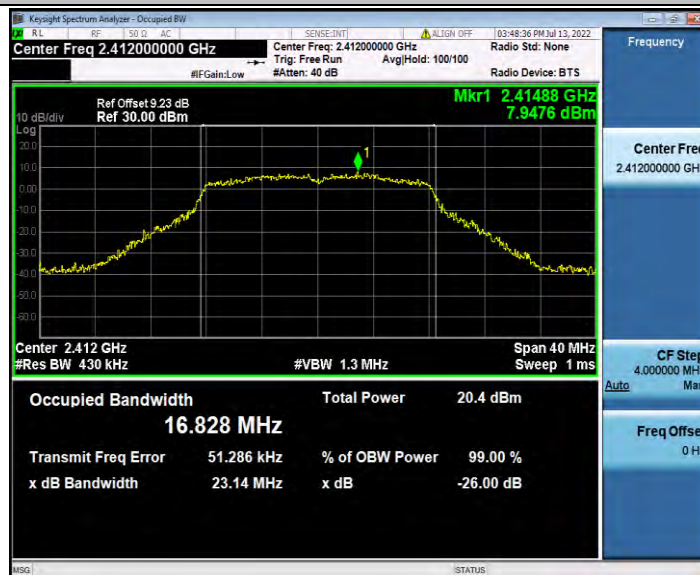
11B_Ant1_2437



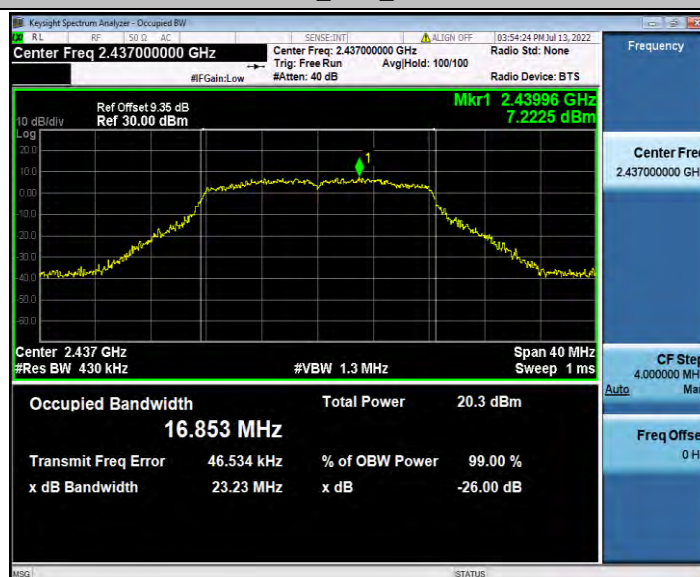
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



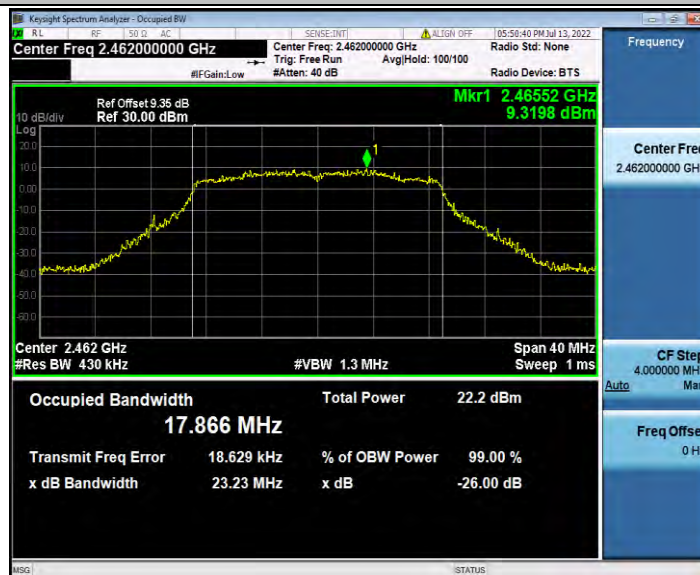
11N20SISO_Ant1_2412



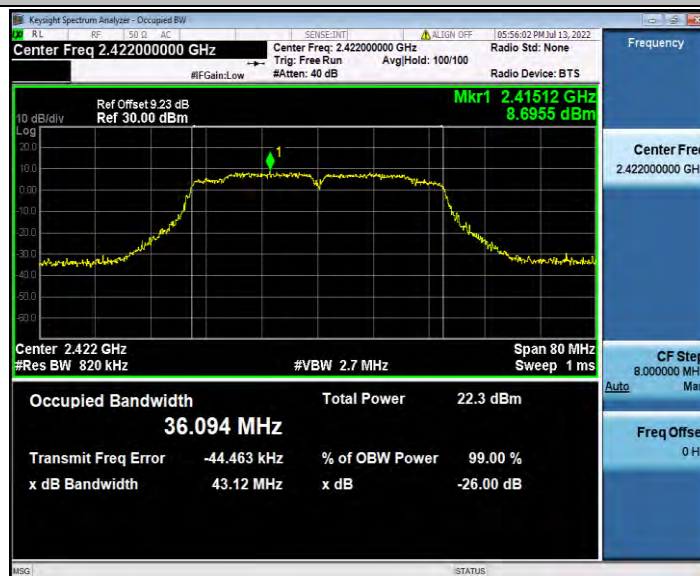
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



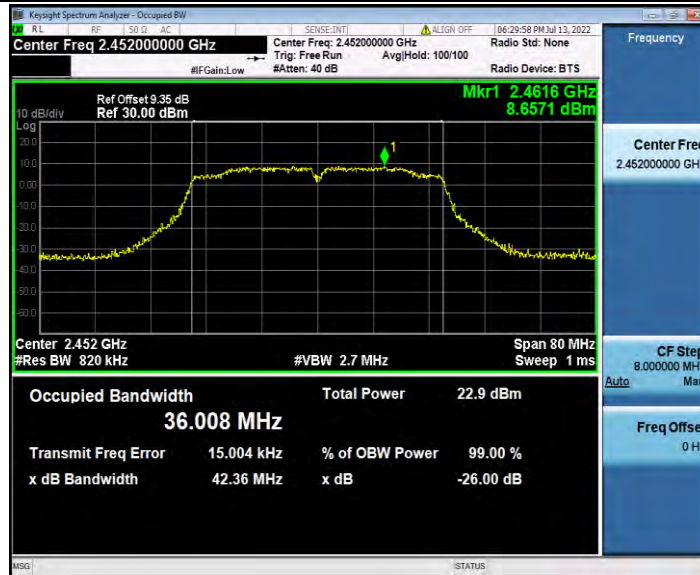
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



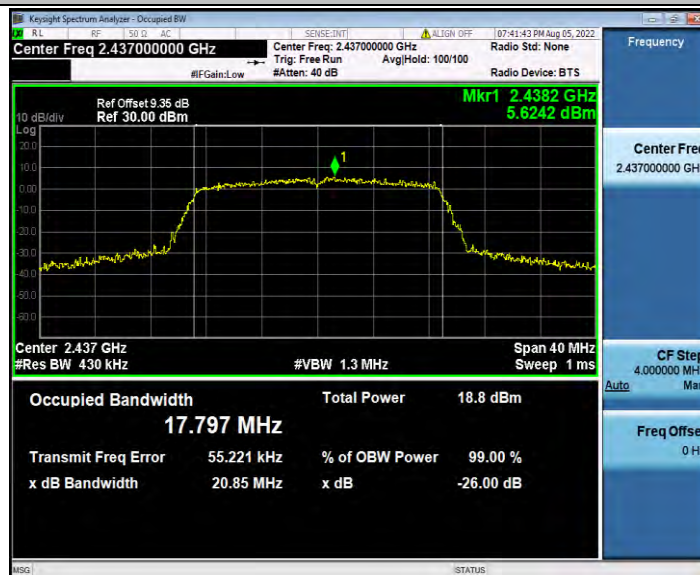
11N40SISO_Ant1_2452



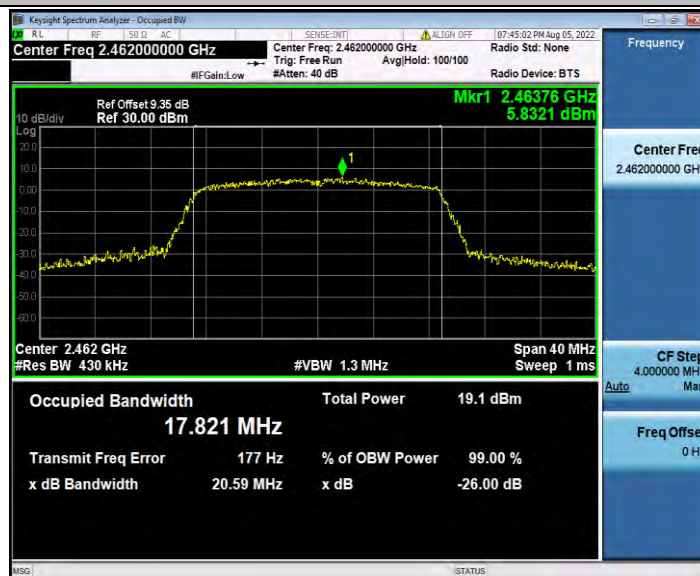
11AX20SISO_Ant1_2412



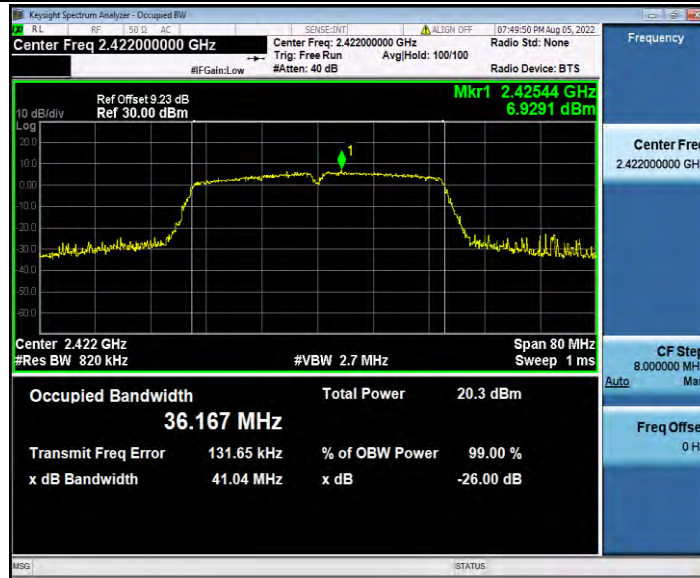
11AX20SISO_Ant1_2437



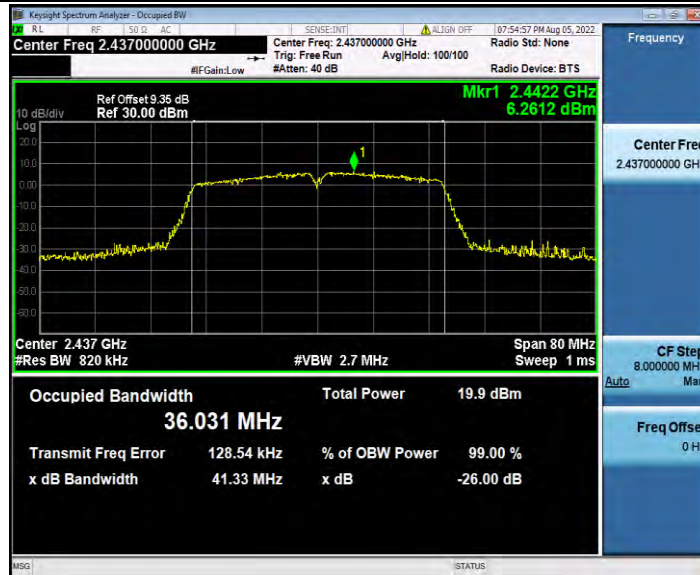
11AX20SISO_Ant1_2462



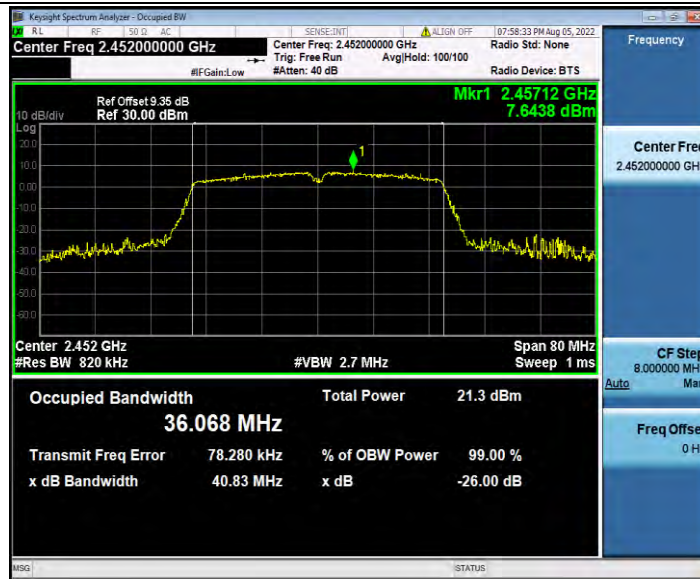
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	17.36	≤30.00	PASS
		2437	17.34	≤30.00	PASS
		2462	18.18	≤30.00	PASS
11G	Ant1	2412	21.40	≤30.00	PASS
		2437	21.43	≤30.00	PASS
		2462	22.12	≤30.00	PASS
11N20SISO	Ant1	2412	22.46	≤30.00	PASS
		2437	22.42	≤30.00	PASS
		2462	23.18	≤30.00	PASS
11N40SISO	Ant1	2422	22.52	≤30.00	PASS
		2437	22.85	≤30.00	PASS
		2452	23.24	≤30.00	PASS
11AX20SISO	Ant1	2412	20.31	≤30.00	PASS
		2437	20.19	≤30.00	PASS
		2462	20.13	≤30.00	PASS
11AX40SISO	Ant1	2422	20.67	≤30.00	PASS
		2437	20.25	≤30.00	PASS
		2452	21.59	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

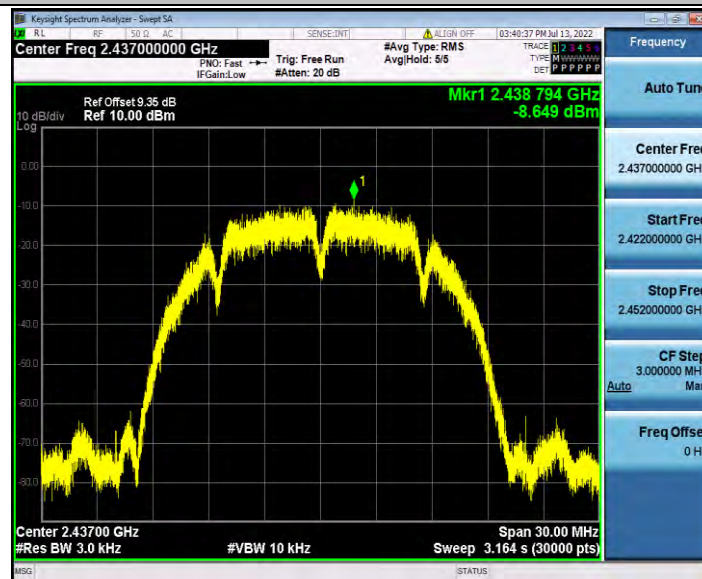
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.71	≤8.00	PASS
		2437	-8.65	≤8.00	PASS
		2462	-7.94	≤8.00	PASS
11G	Ant1	2412	-10.42	≤8.00	PASS
		2437	-10.4	≤8.00	PASS
		2462	-7.89	≤8.00	PASS
11N20SISO	Ant1	2412	-8.88	≤8.00	PASS
		2437	-8.7	≤8.00	PASS
		2462	-8.2	≤8.00	PASS
11N40SISO	Ant1	2422	-12.01	≤8.00	PASS
		2437	-11.37	≤8.00	PASS
		2452	-12.09	≤8.00	PASS
11AX20SISO	Ant1	2412	-9.73	≤8.00	PASS
		2437	-11.58	≤8.00	PASS
		2462	-12.1	≤8.00	PASS
11AX40SISO	Ant1	2422	-14.06	≤8.00	PASS
		2437	-14.43	≤8.00	PASS
		2452	-11.28	≤8.00	PASS

Test Graphs

11B_Ant1_2412



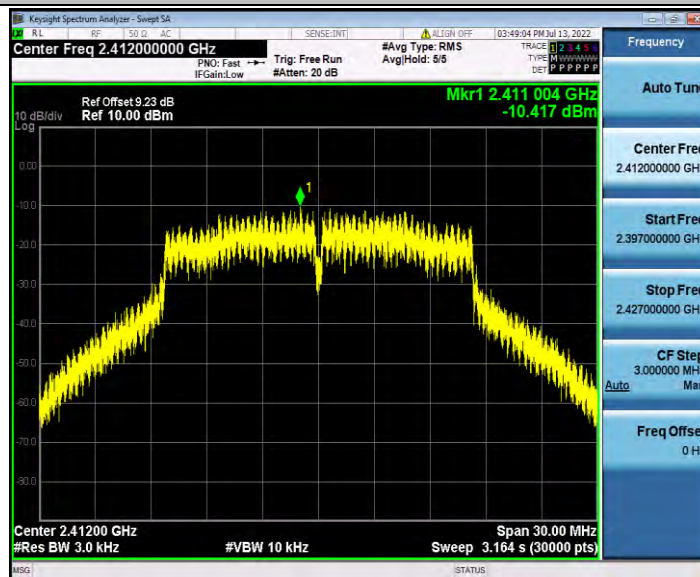
11B_Ant1_2437



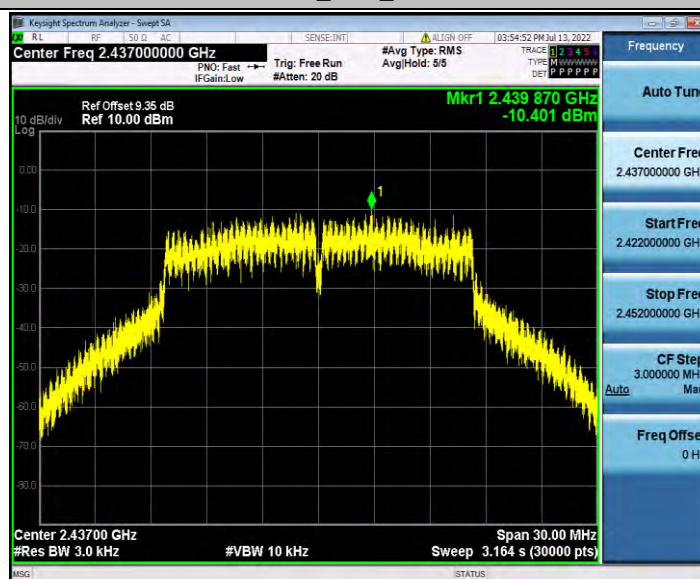
11B_Ant1_2462



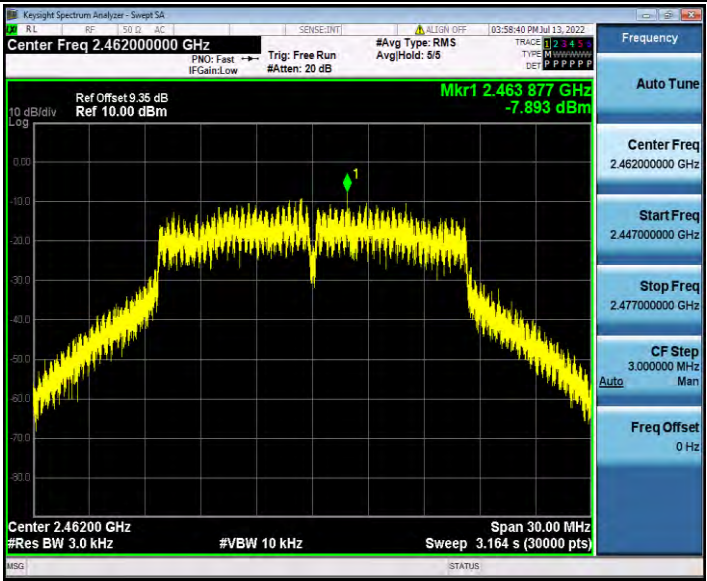
11G_Ant1_2412



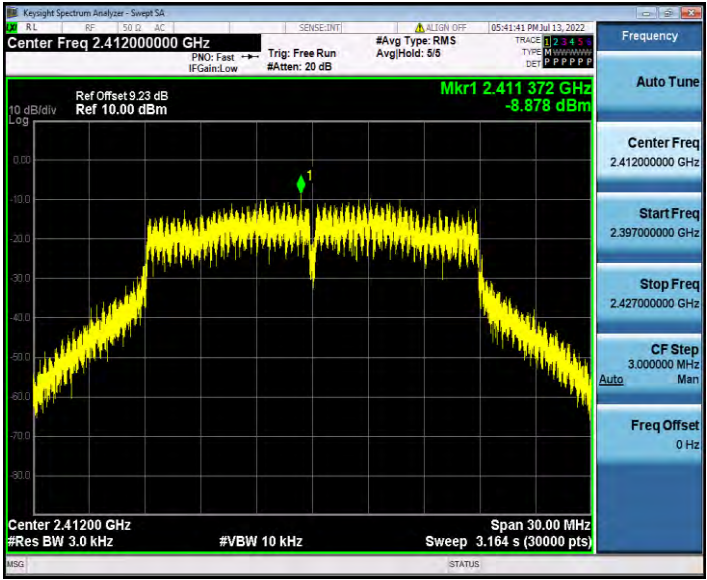
11G_Ant1_2437



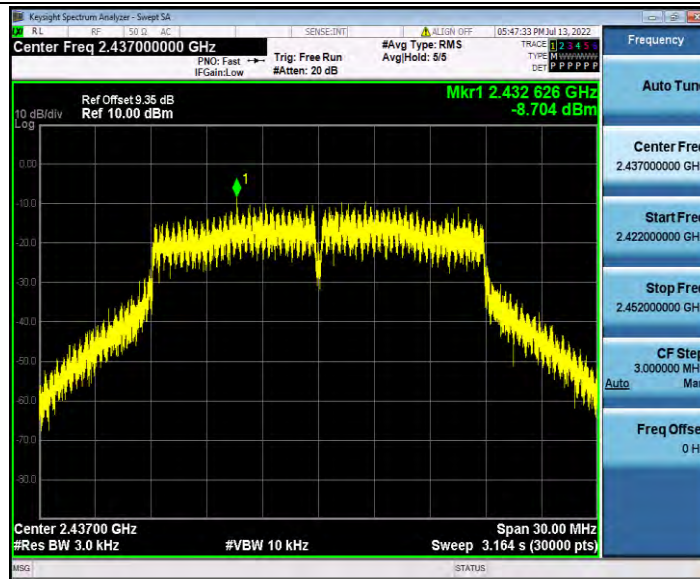
11G_Ant1_2462



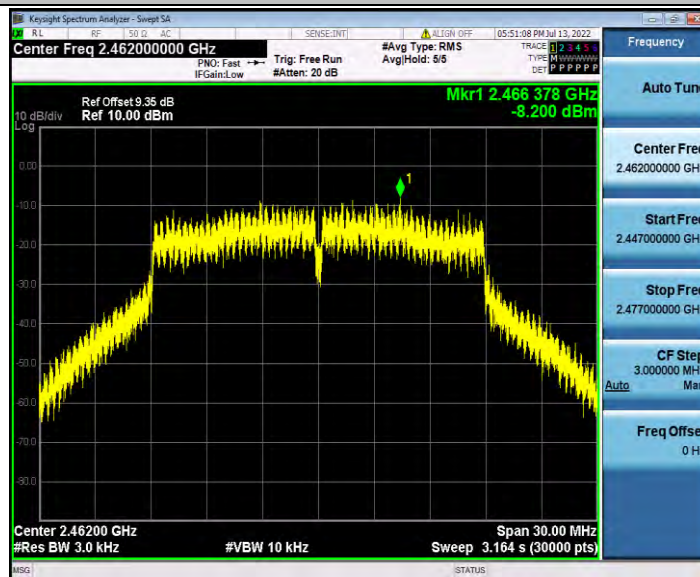
11N20SISO_Ant1_2412



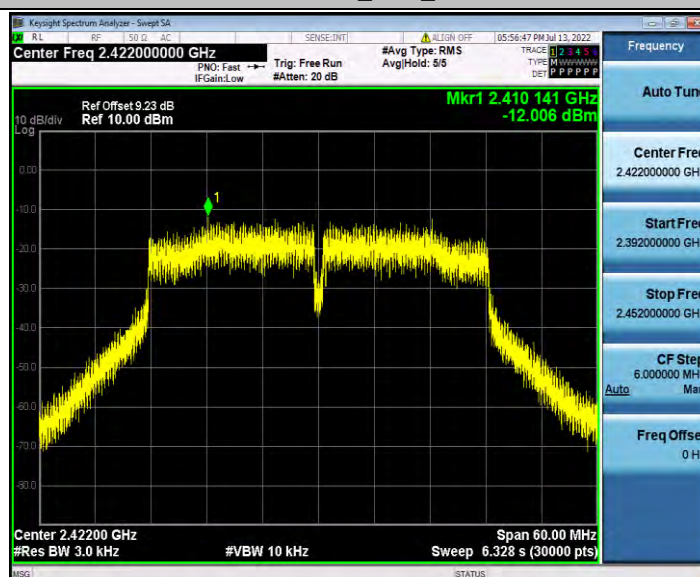
11N20SISO_Ant1_2437



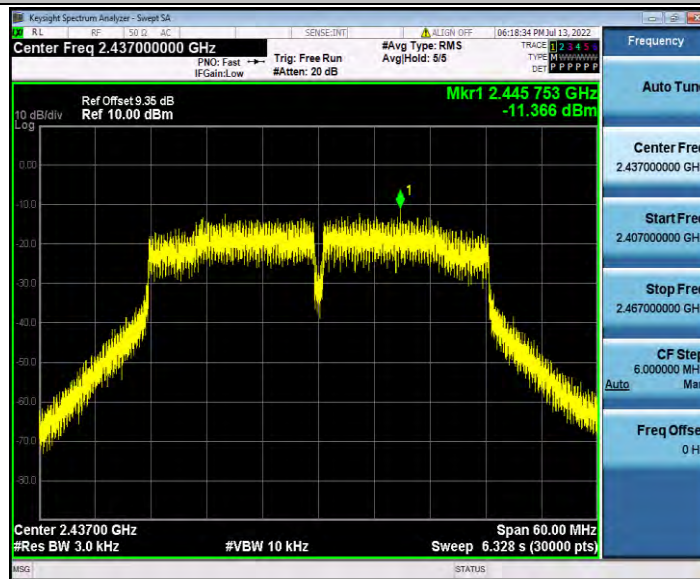
11N20SISO_Ant1_2462



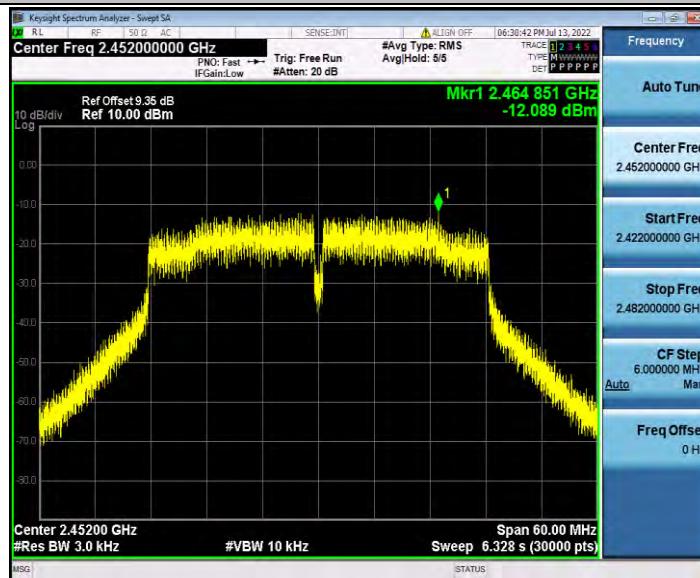
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



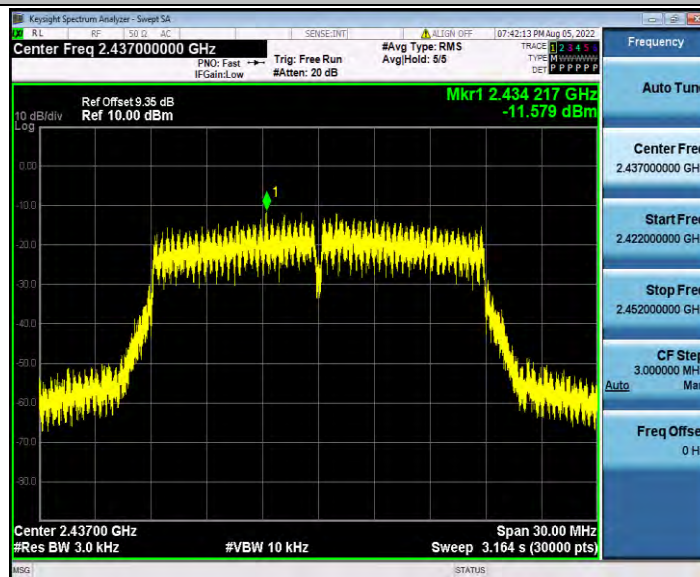
11N40SISO_Ant1_2452



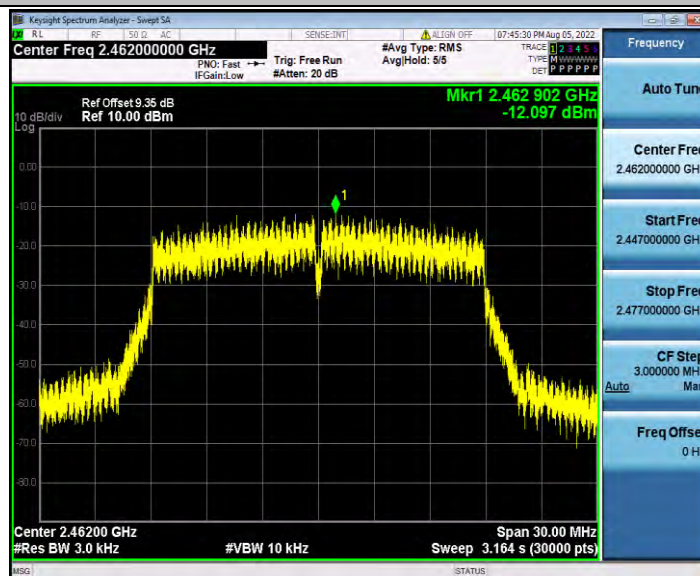
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

