

Case No. : <u>GTS20220808003-1-3</u>	
Ambient Condition: <u>25</u> °C, <u>48</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.8.24</u>	Test Engineer: <u>Jenny zeng</u>

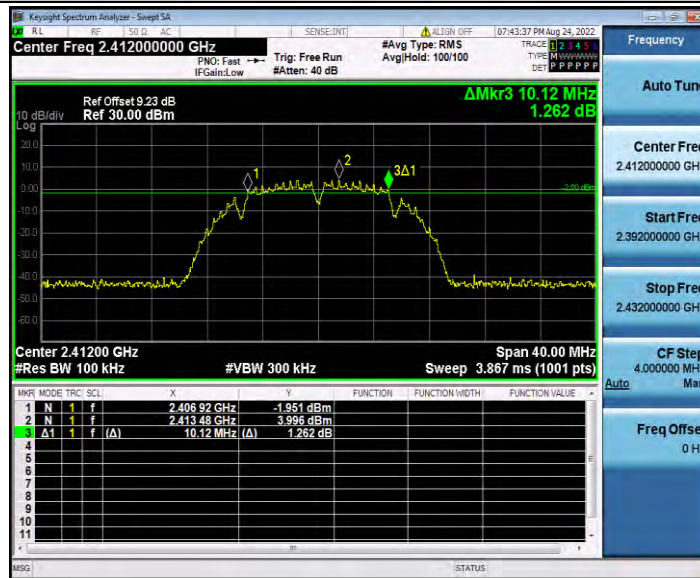
Appendix C.1: DTS Bandwidth

Test Result

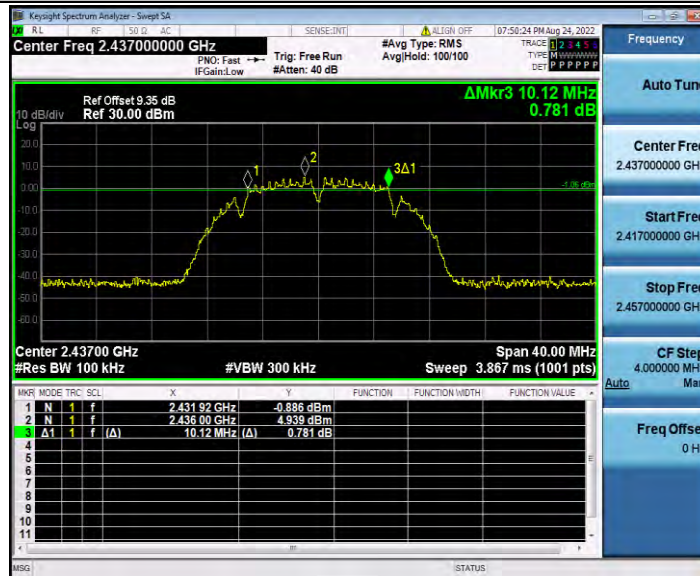
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.120	2406.920	2417.040	0.5	PASS
		2437	10.120	2431.920	2442.040	0.5	PASS
		2462	10.080	2456.920	2467.000	0.5	PASS
11G	Ant2	2412	15.000	2404.480	2419.480	0.5	PASS
		2437	14.200	2429.480	2443.680	0.5	PASS
		2462	14.160	2454.720	2468.880	0.5	PASS
11N20SISO	Ant2	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.640	2428.160	2445.800	0.5	PASS
		2462	13.800	2454.480	2468.280	0.5	PASS
11N40SISO	Ant2	2422	33.840	2405.680	2439.520	0.5	PASS
		2437	30.080	2423.160	2453.240	0.5	PASS
		2452	27.040	2438.720	2465.760	0.5	PASS
11AX20SISO	Ant2	2412	13.800	2405.720	2419.520	0.5	PASS
		2437	12.600	2431.920	2444.520	0.5	PASS
		2462	12.560	2456.920	2469.480	0.5	PASS
11AX40SISO	Ant2	2422	31.680	2409.040	2440.720	0.5	PASS
		2437	33.760	2420.680	2454.440	0.5	PASS
		2452	31.600	2436.560	2468.160	0.5	PASS

Test Graphs

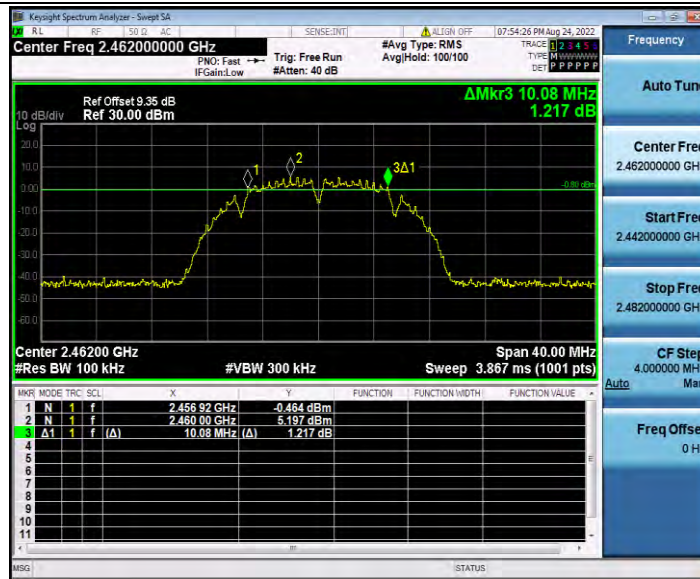
11B_Ant2_2412



11B_Ant2_2437



11B_Ant2_2462



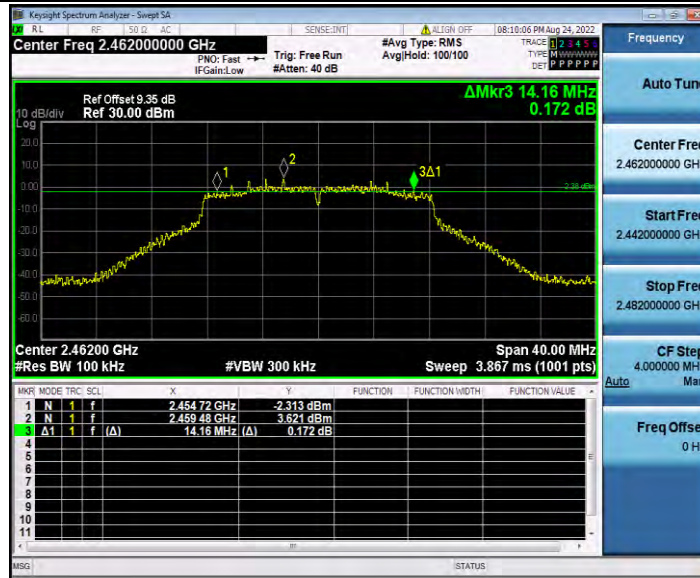
11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



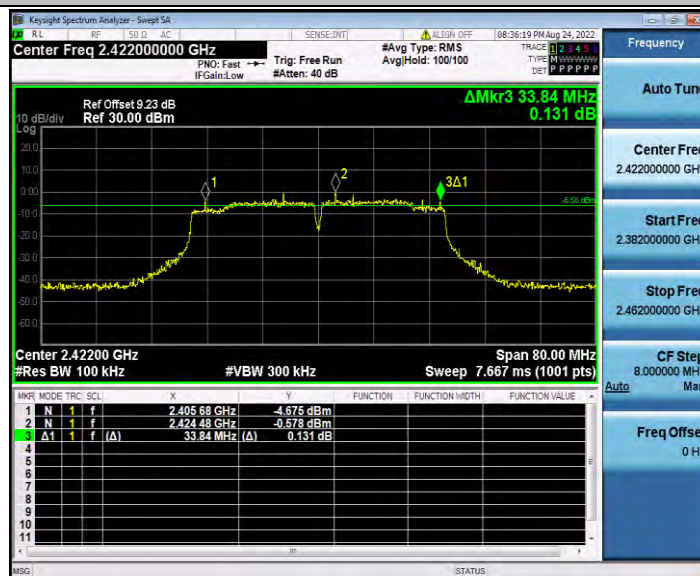
11N20SISO_Ant2_2437



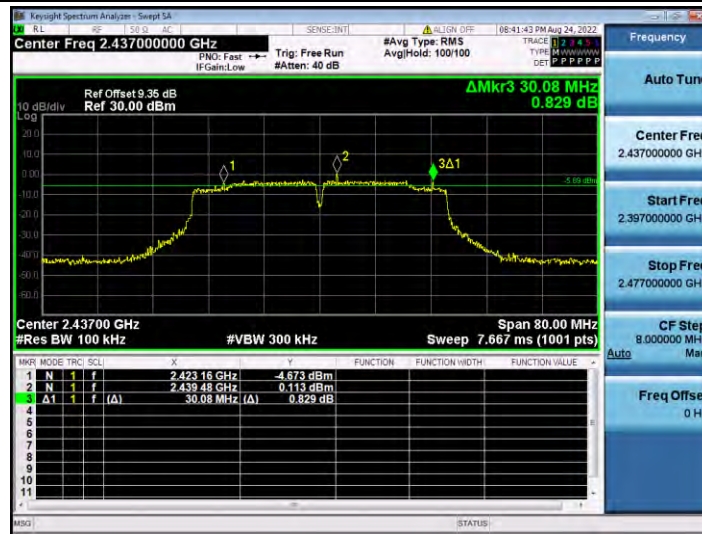
11N20SISO_Ant2_2462



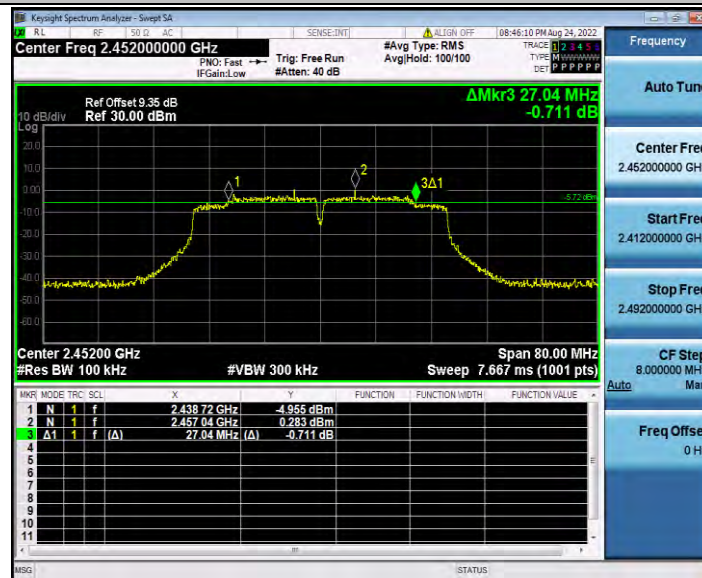
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412



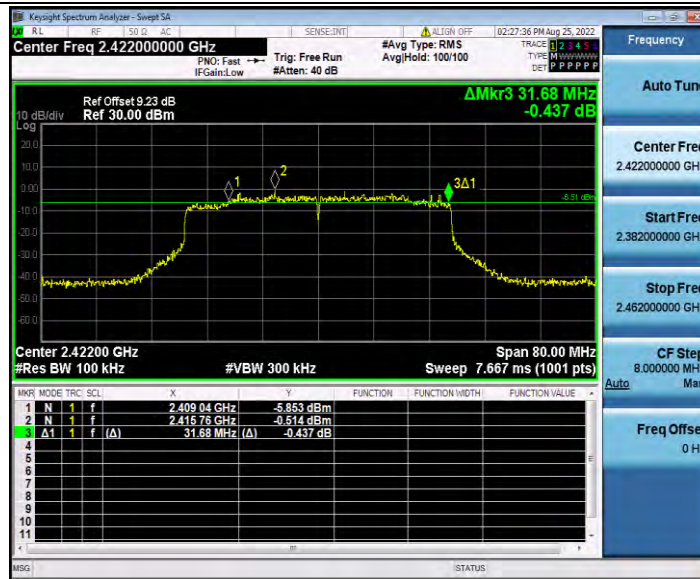
11AX20SISO_Ant2_2437



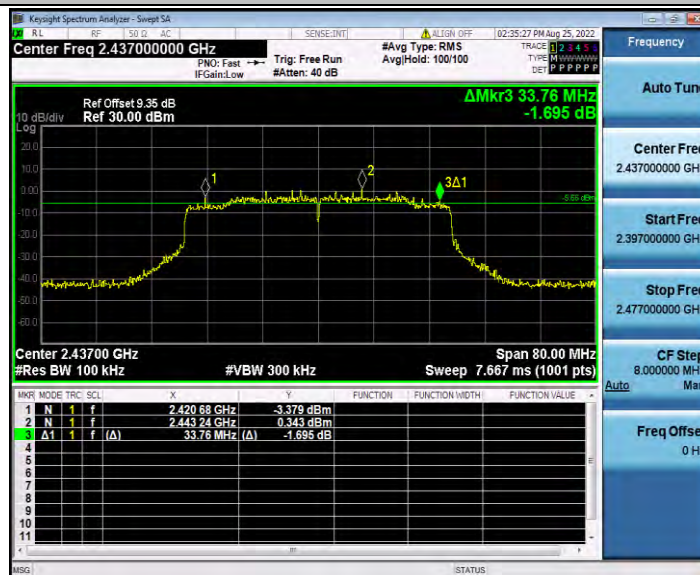
11AX20SISO_Ant2_2462



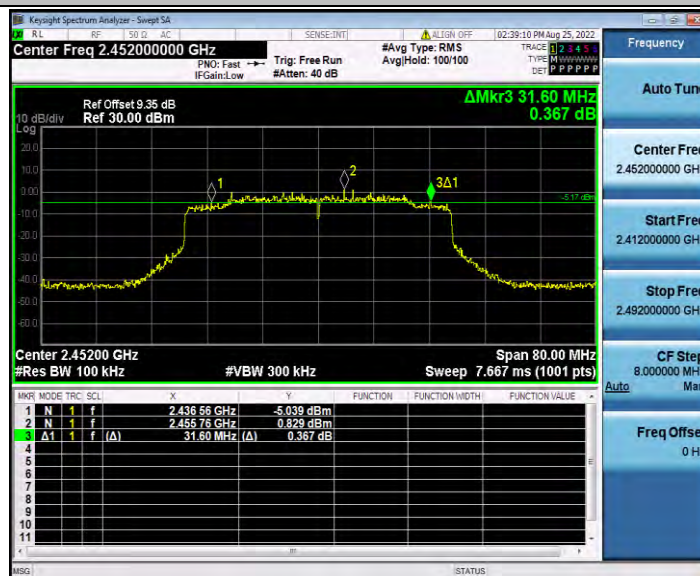
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



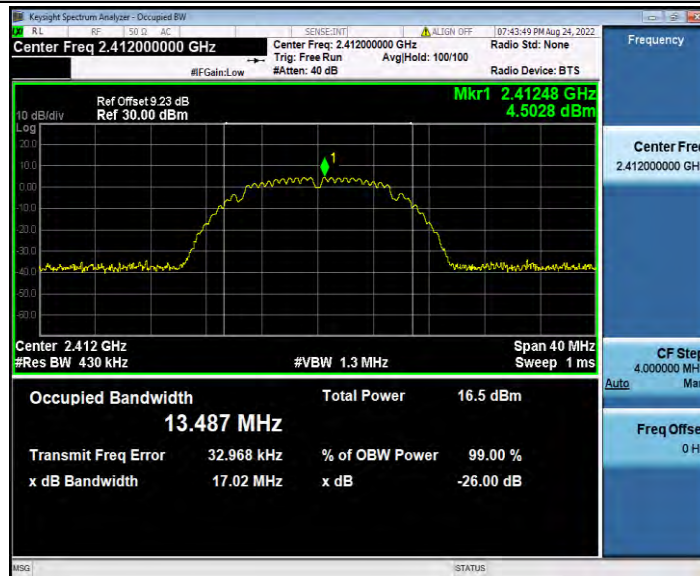
Appendix C.2: Occupied Channel Bandwidth

Test Result

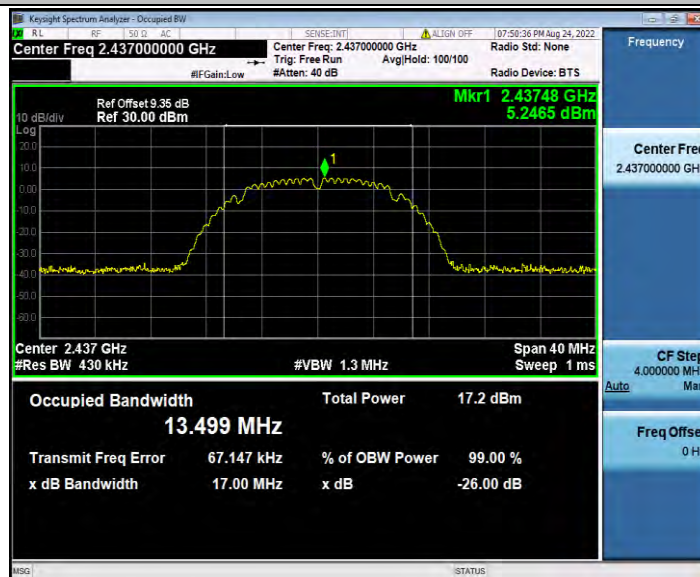
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.487	2405.289	2418.776	---	---
		2437	13.499	2430.318	2443.817	---	---
		2462	13.460	2455.247	2468.707	---	---
11G	Ant2	2412	17.066	2403.494	2420.560	---	---
		2437	16.981	2428.591	2445.572	---	---
		2462	17.007	2453.479	2470.486	---	---
11N20SISO	Ant2	2412	18.052	2403.000	2421.052	---	---
		2437	17.997	2428.056	2446.053	---	---
		2462	18.009	2452.982	2470.991	---	---
11N40SISO	Ant2	2422	36.053	2404.018	2440.071	---	---
		2437	36.049	2418.991	2455.040	---	---
		2452	35.998	2434.051	2470.049	---	---
11AX20SISO	Ant2	2412	17.960	2403.034	2420.994	---	---
		2437	17.989	2428.058	2446.047	---	---
		2462	17.945	2453.013	2470.958	---	---
11AX40SISO	Ant2	2422	37.592	2403.312	2440.904	---	---
		2437	37.507	2418.320	2455.827	---	---
		2452	37.358	2433.335	2470.693	---	---

Test Graphs

11B_Ant2_2412



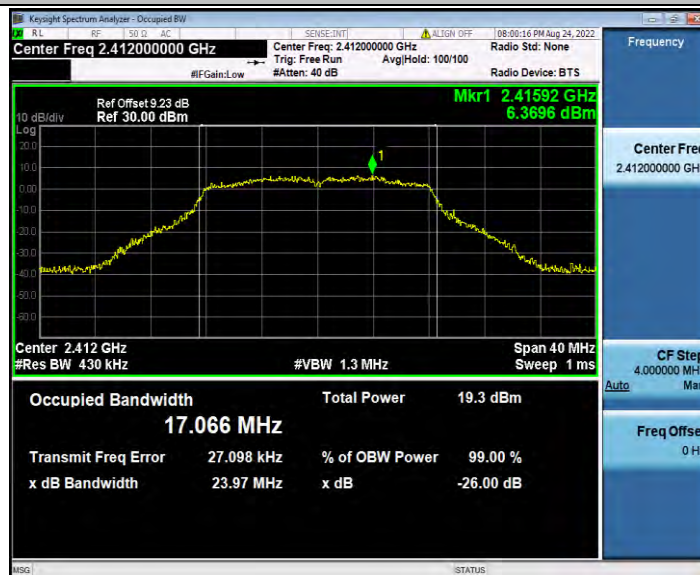
11B_Ant2_2437



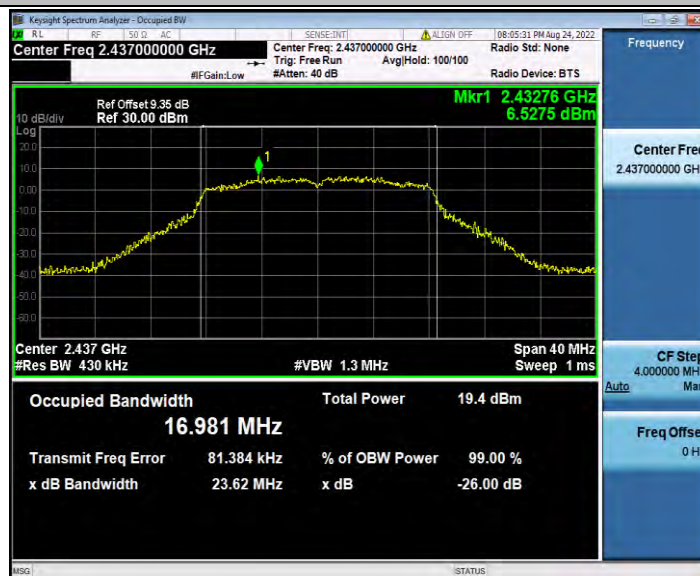
11B_Ant2_2462



11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



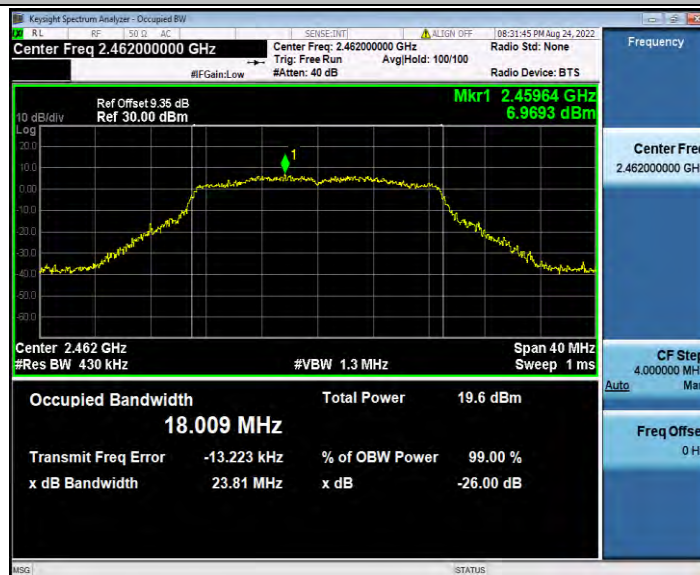
11N20SISO_Ant2_2412



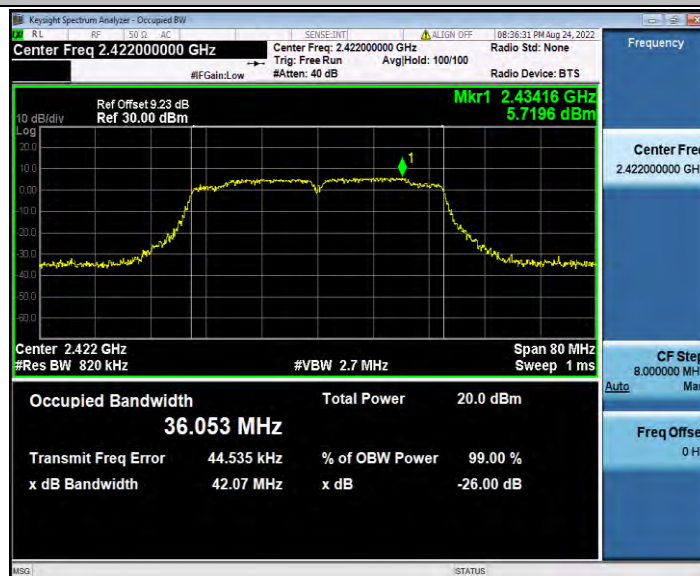
11N20SISO_Ant2_2437



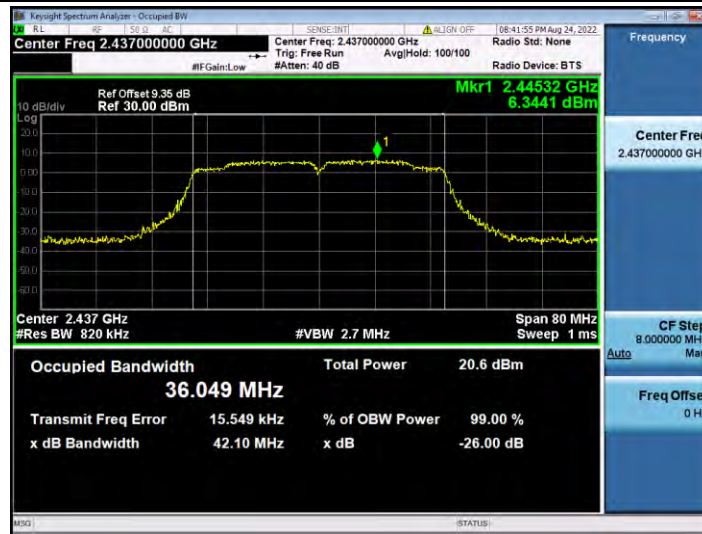
11N20SISO_Ant2_2462



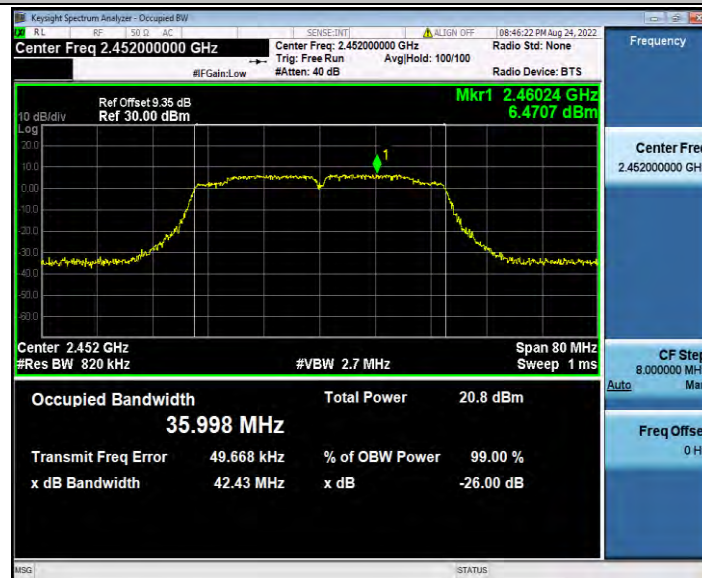
11N40SISO_Ant2_2422



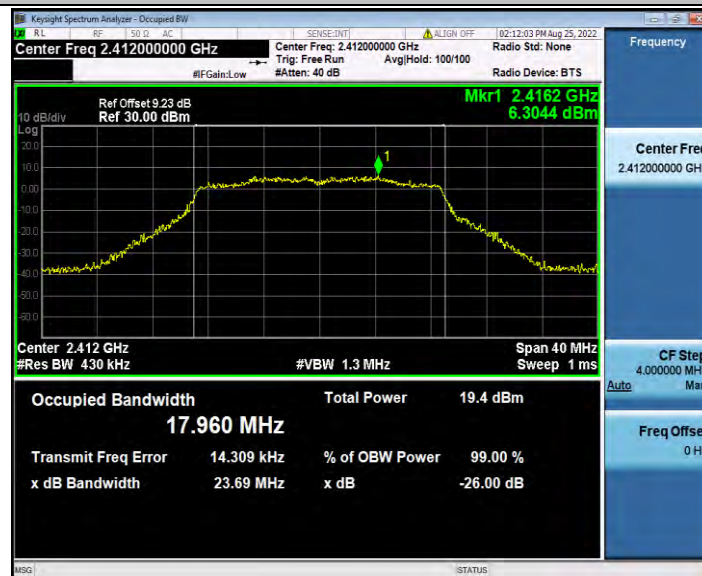
11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



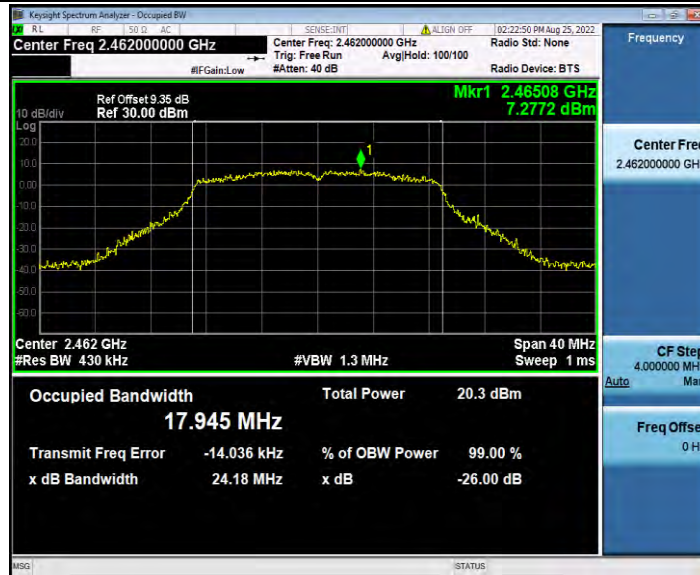
11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



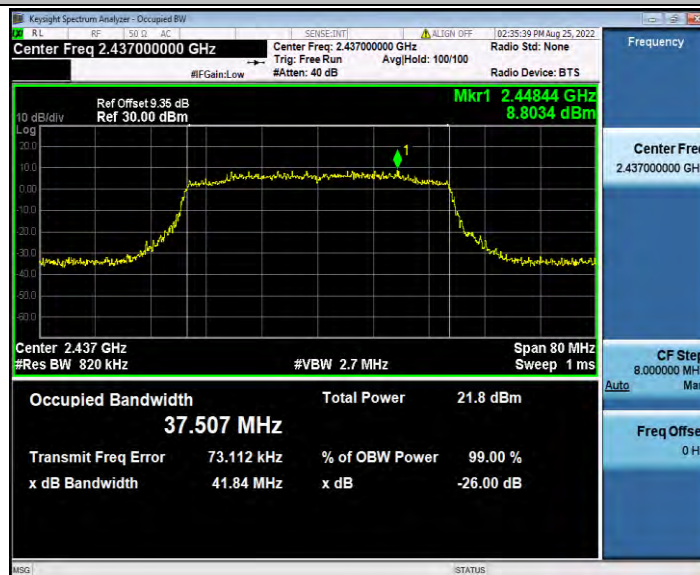
11AX20SISO_Ant2_2462



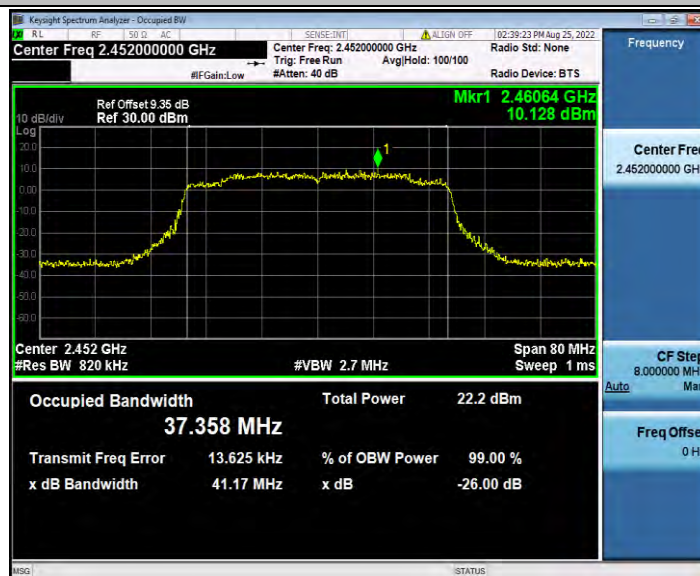
11AX40SISO_Ant2_2422



11AX40ISO_Ant2_2437



11AX40ISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant2	2412	16.54	≤30.00	PASS
		2437	17.25	≤30.00	PASS
		2462	17.72	≤30.00	PASS
11G	Ant2	2412	20.31	≤30.00	PASS
		2437	20.49	≤30.00	PASS
		2462	20.88	≤30.00	PASS
11N20SISO	Ant2	2412	19.59	≤30.00	PASS
		2437	20.27	≤30.00	PASS
		2462	20.73	≤30.00	PASS
11N40SISO	Ant2	2422	20.32	≤30.00	PASS
		2437	20.82	≤30.00	PASS
		2452	21.23	≤30.00	PASS
11AX20SISO	Ant2	2412	20.41	≤30.00	PASS
		2437	20.84	≤30.00	PASS
		2462	21.34	≤30.00	PASS
11AX40SISO	Ant2	2422	21.42	≤30.00	PASS
		2437	21.95	≤30.00	PASS
		2452	22.19	≤30.00	PASS

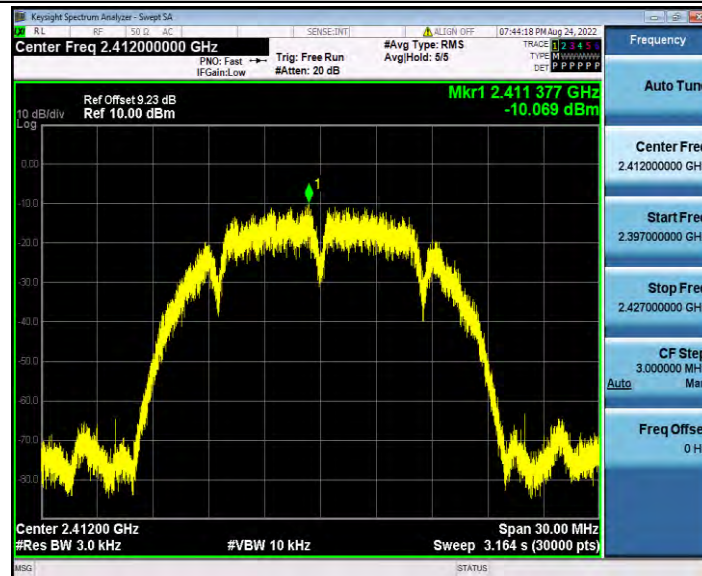
Appendix C.4: Maximum power spectral density

Test Result

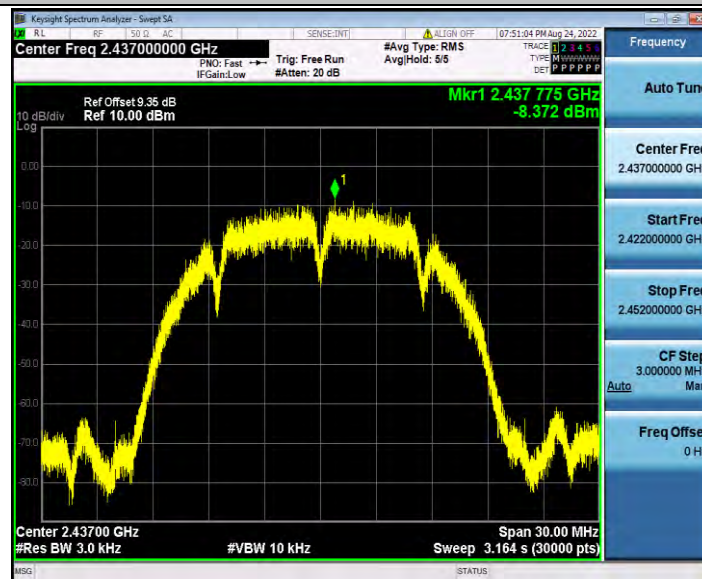
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-10.07	≤8.00	PASS
		2437	-8.37	≤8.00	PASS
		2462	-7.9	≤8.00	PASS
11G	Ant2	2412	-11.71	≤8.00	PASS
		2437	-11.36	≤8.00	PASS
		2462	-9.71	≤8.00	PASS
11N20SISO	Ant2	2412	-11.97	≤8.00	PASS
		2437	-11.55	≤8.00	PASS
		2462	-11.04	≤8.00	PASS
11N40SISO	Ant2	2422	-14.66	≤8.00	PASS
		2437	-13.12	≤8.00	PASS
		2452	-13.24	≤8.00	PASS
11AX20SISO	Ant2	2412	-12.27	≤8.00	PASS
		2437	-11.5	≤8.00	PASS
		2462	-10.35	≤8.00	PASS
11AX40SISO	Ant2	2422	-13.77	≤8.00	PASS
		2437	-13.93	≤8.00	PASS
		2452	-12.19	≤8.00	PASS

Test Graphs

11B_Ant2_2412



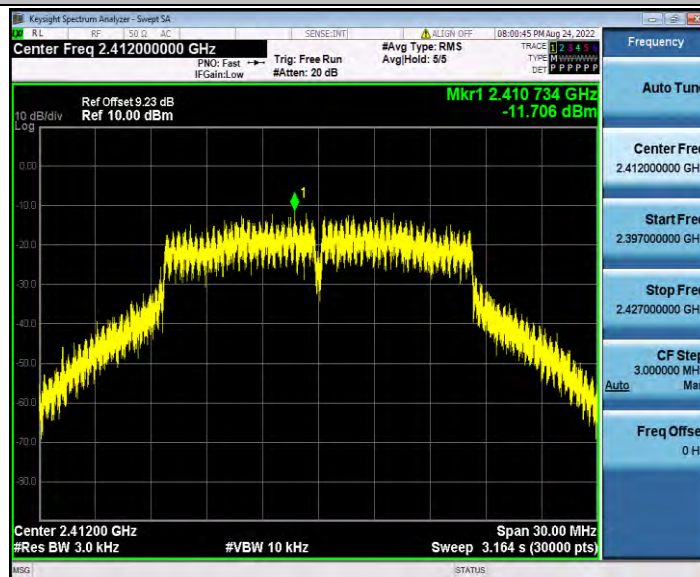
11B_Ant2_2437



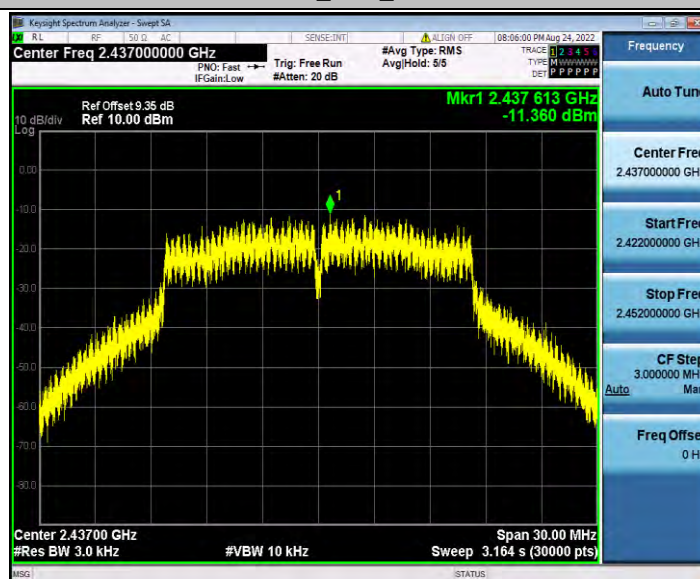
11B_Ant2_2462



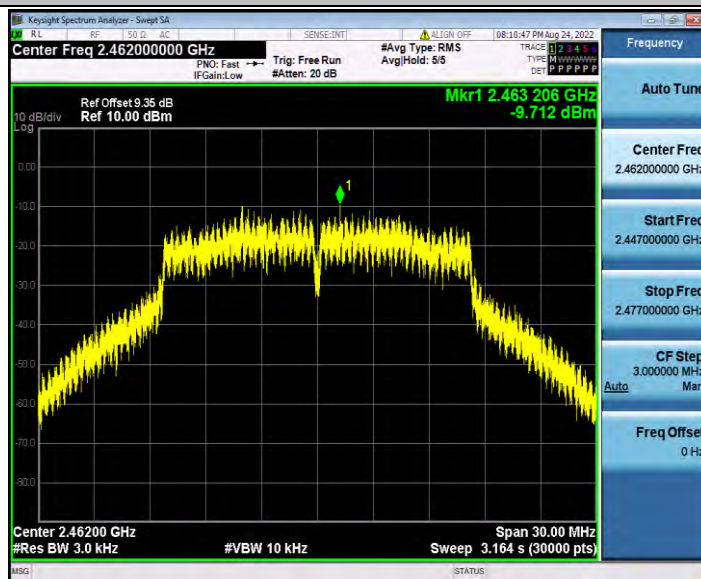
11G_Ant2_2412



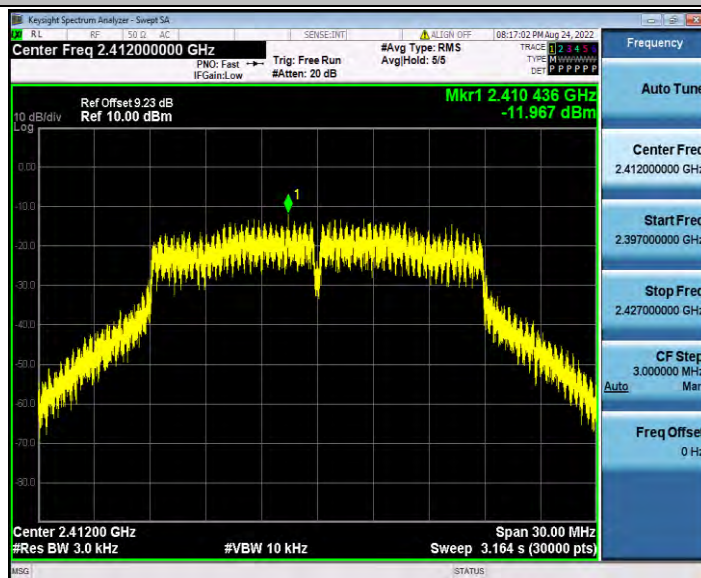
11G_Ant2_2437



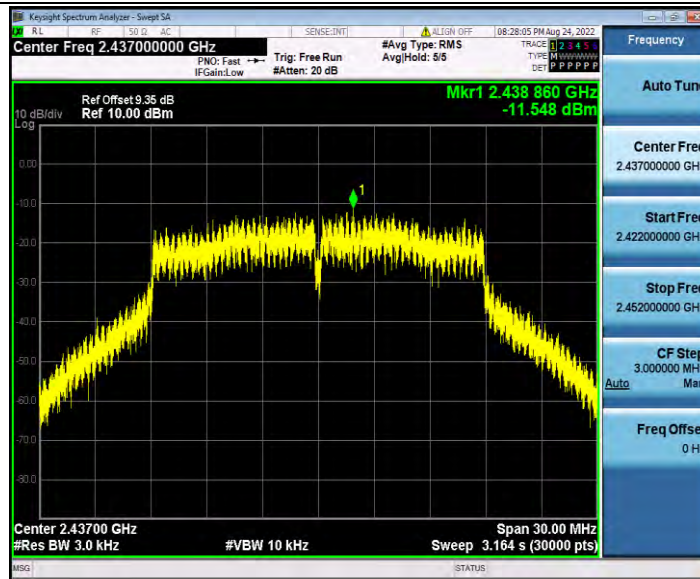
11G_Ant2_2462



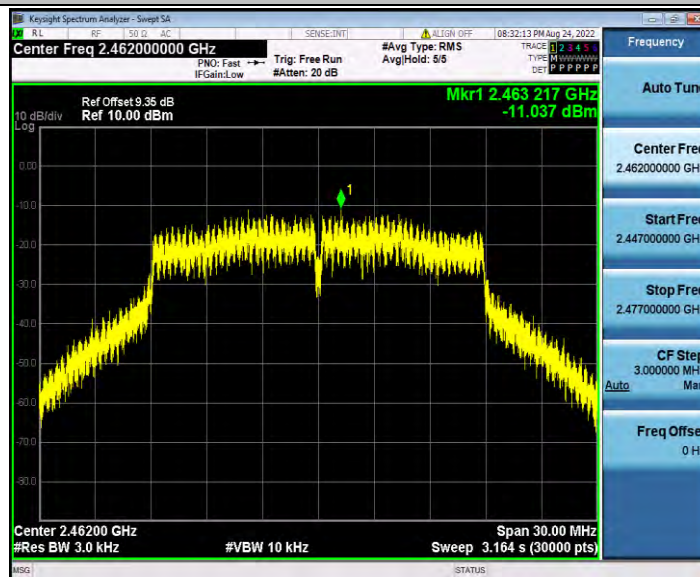
11N20SISO_Ant2_2412



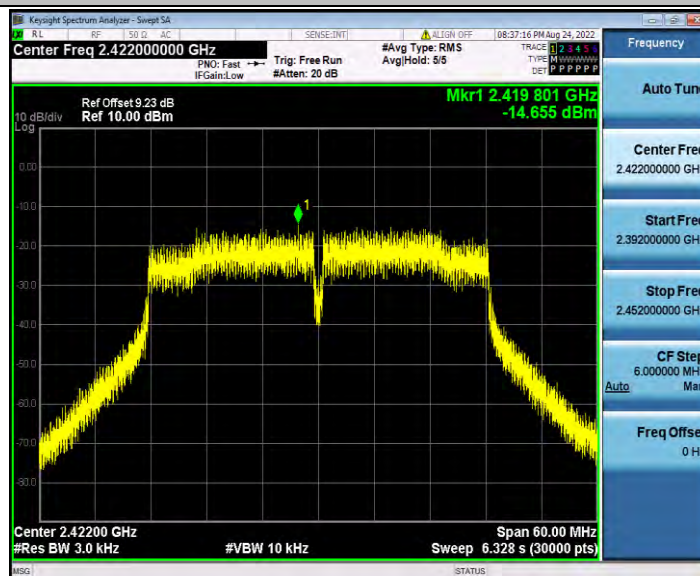
11N20SISO_Ant2_2437



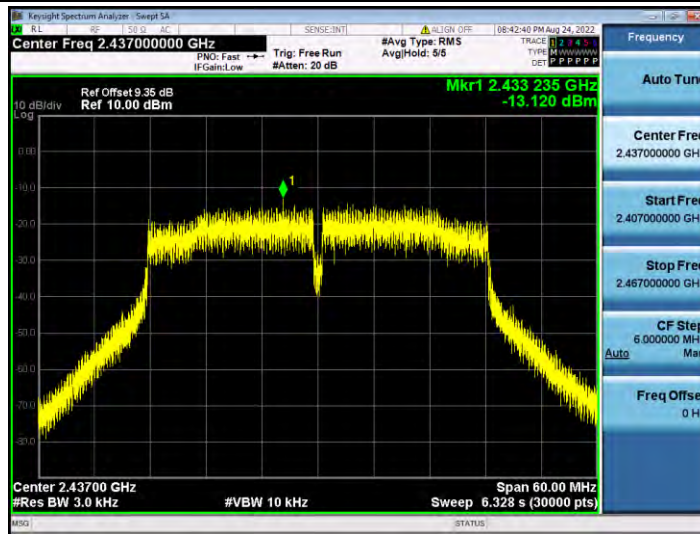
11N20SISO_Ant2_2462



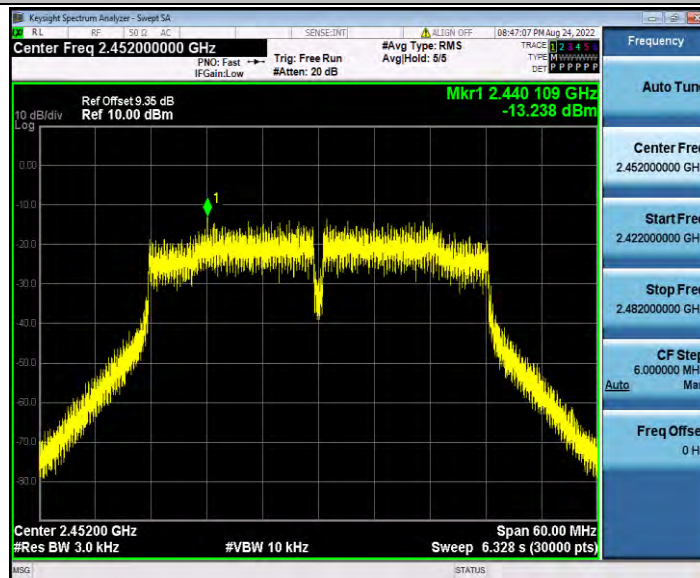
11N40SISO_Ant2_2422



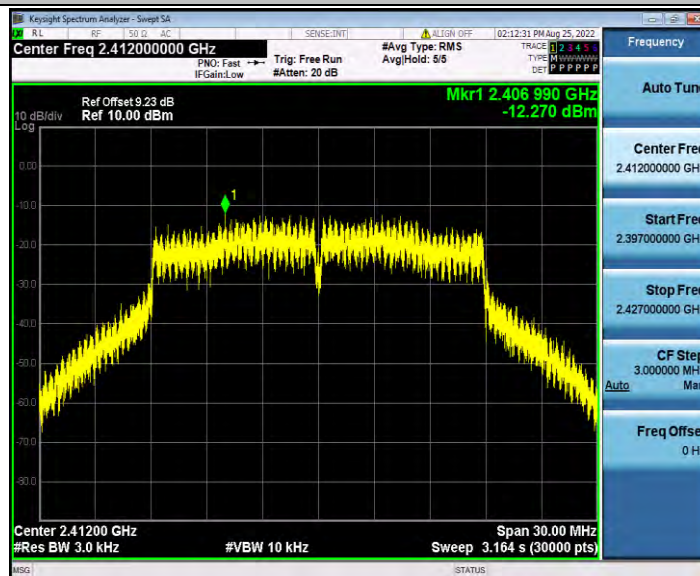
11N40SISO_Ant2_2437



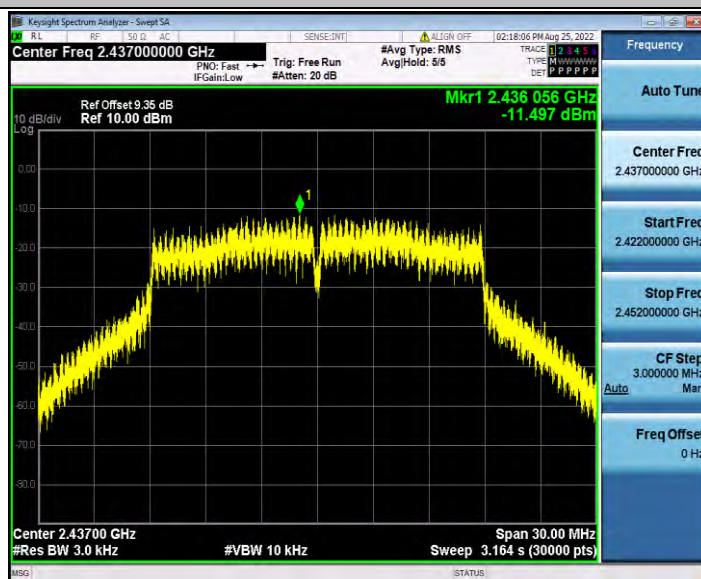
11N40SISO_Ant2_2452



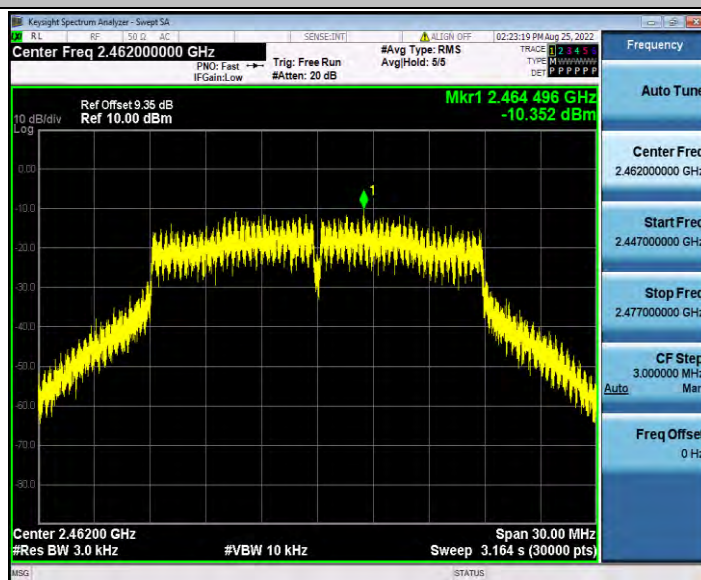
11AX20SISO_Ant2_2412



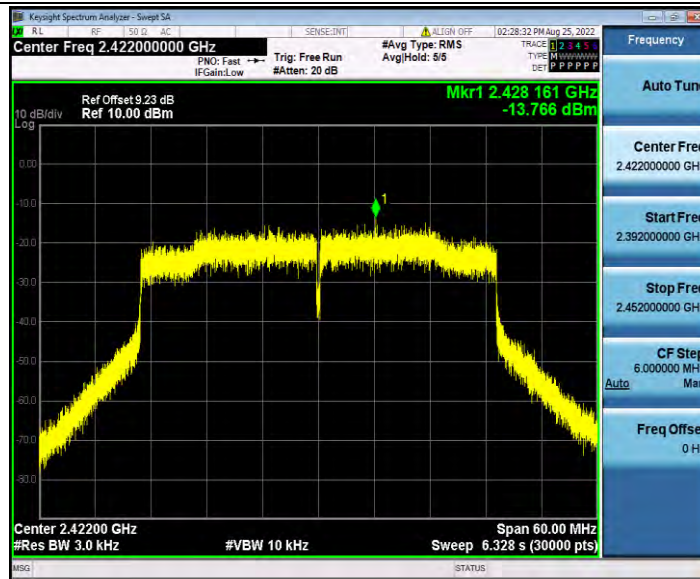
11AX20SISO_Ant2_2437



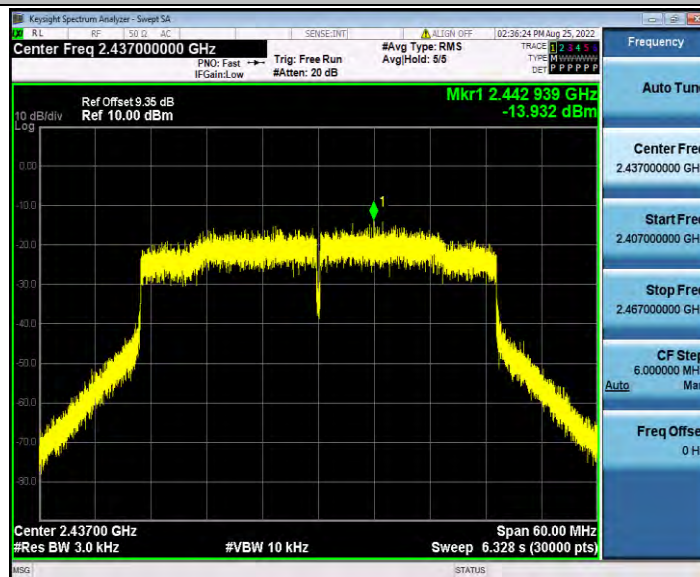
11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



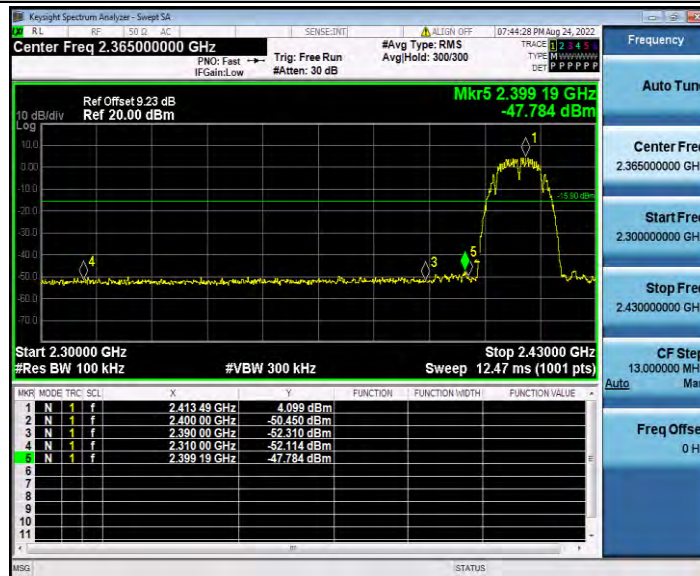
Appendix C.5: Band edge measurements

Test Result

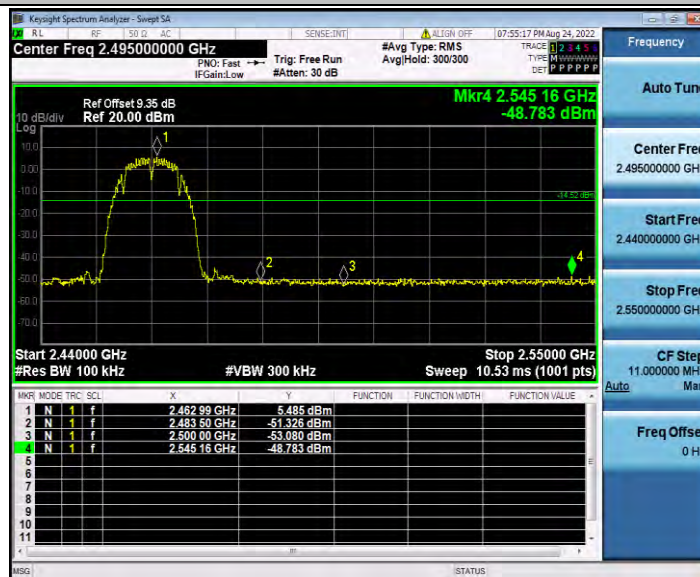
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	4.10	-47.78	≤-15.9	PASS
		High	2462	5.49	-48.78	≤-14.52	PASS
11G	Ant2	Low	2412	3.44	-27.39	≤-16.56	PASS
		High	2462	4.27	-48.6	≤-15.73	PASS
11N20SISO	Ant2	Low	2412	2.21	-27.1	≤-17.79	PASS
		High	2462	1.50	-48.24	≤-18.5	PASS
11N40SISO	Ant2	Low	2422	-0.76	-33.49	≤-20.76	PASS
		High	2452	-0.20	-48.95	≤-20.2	PASS
11AX20SISO	Ant2	Low	2412	3.59	-26.18	≤-16.41	PASS
		High	2462	4.56	-48.57	≤-15.44	PASS
11AX40SISO	Ant2	Low	2422	0.07	-31.39	≤-19.93	PASS
		High	2452	0.87	-48.3	≤-19.13	PASS

Test Graphs

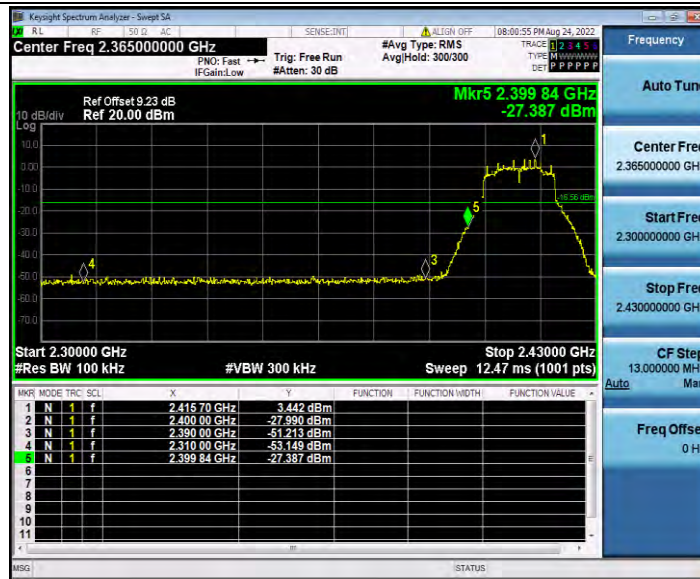
11B_Ant2_Low_2412



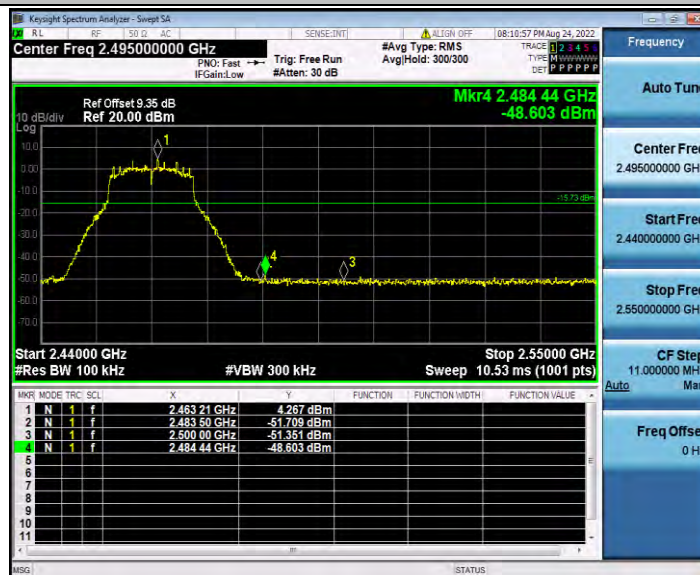
11B_Ant2_High_2462



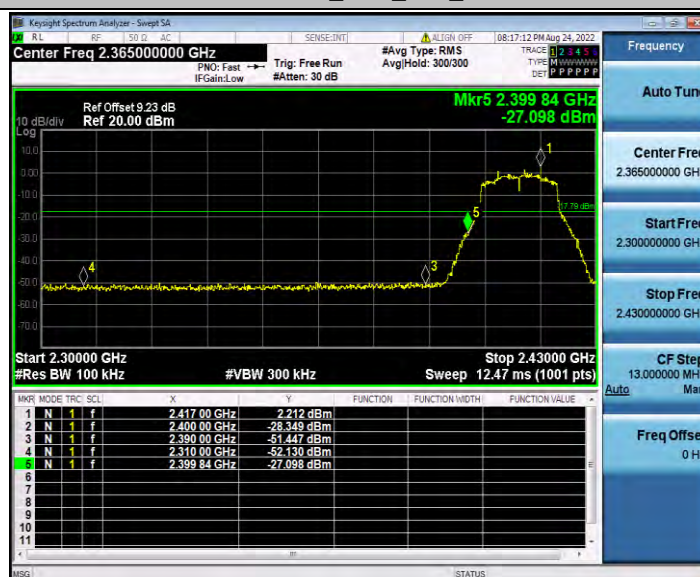
11G_Ant2_Low_2412



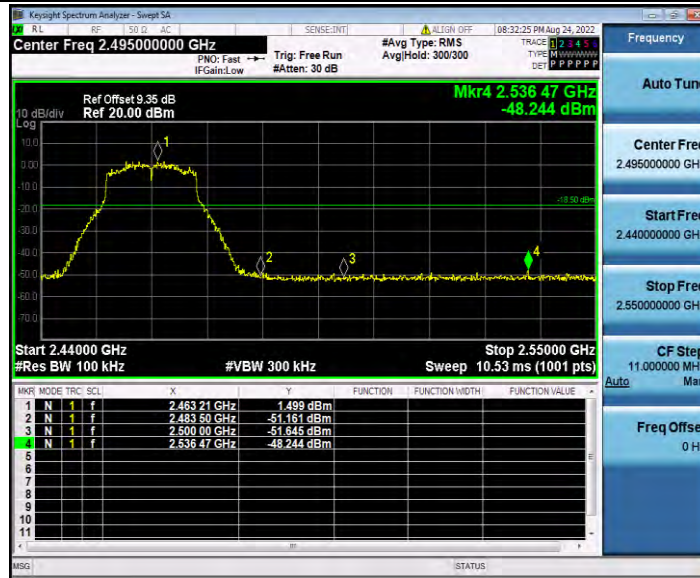
11G_Ant2_High_2462



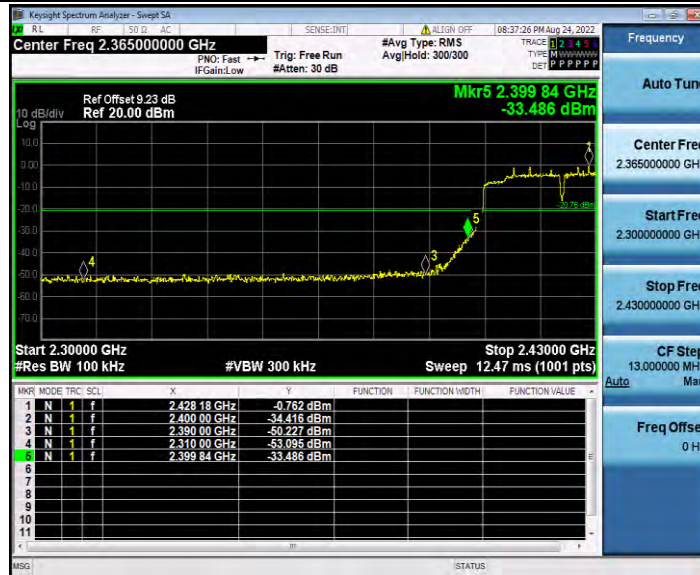
11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462



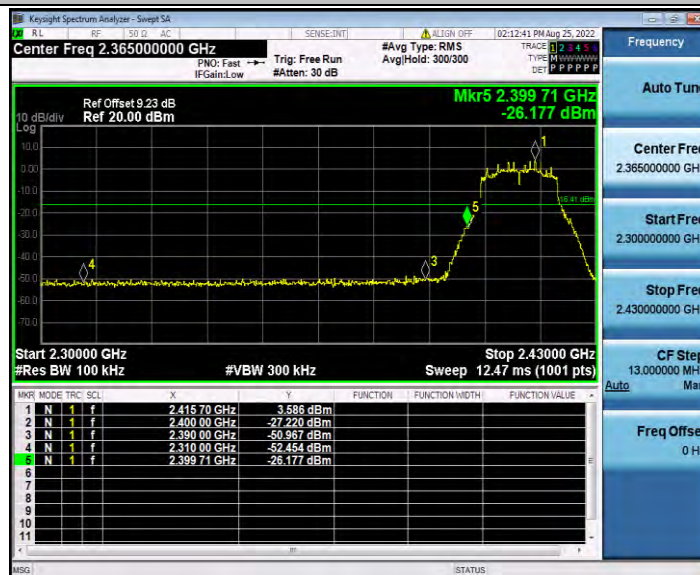
11N40SISO_Ant2_Low_2422



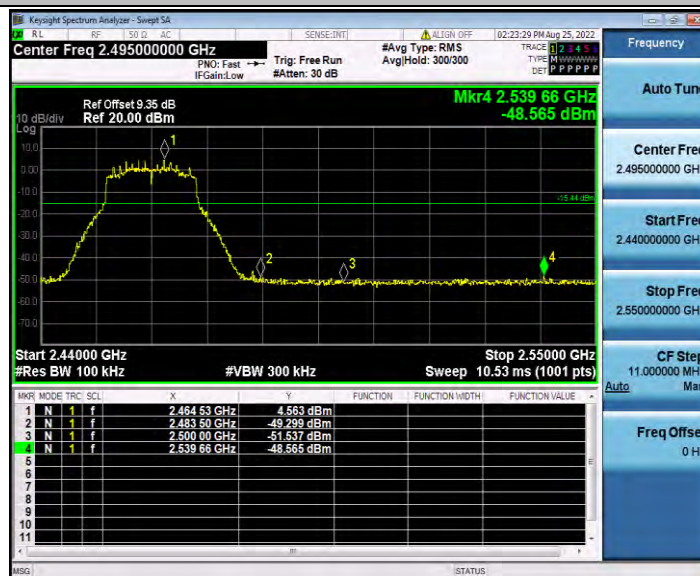
11N40SISO_Ant2_High_2452



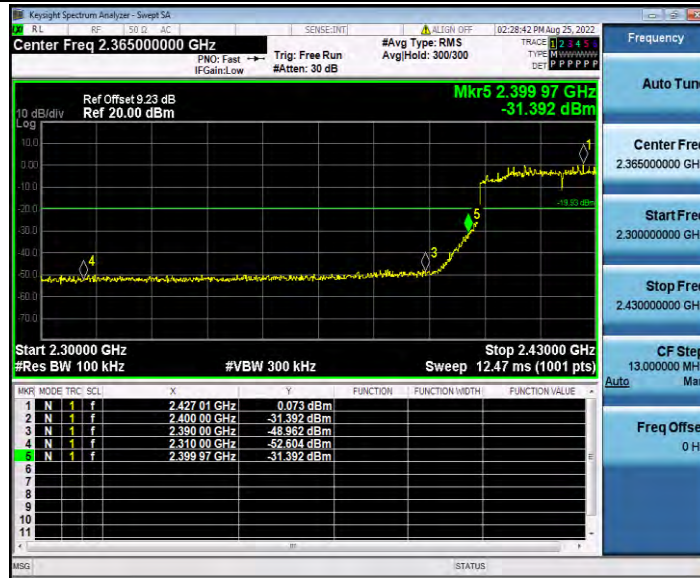
11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462



11AX40SISO_Ant2_Low_2422



11AX40SISO_Ant2_High_2452

