AppendixA: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	9.560	2407.040	2416.600	0.5	PASS
11B	Ant1	2437	1Mbps	9.560	2432.520	2442.080	0.5	PASS
11B	Ant1	2462	1Mbps	9.080	2457.520	2466.600	0.5	PASS
11G	Ant1	2412	6Mbps	16.320	2403.880	2420.200	0.5	PASS
11G	Ant1	2437	6Mbps	16.320	2428.880	2445.200	0.5	PASS
11G	Ant1	2462	6Mbps	16.320	2453.880	2470.200	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.040	2403.520	2420.560	0.5	PASS
11N20SISO	Ant1	2437	MCS0	16.880	2428.560	2445.440	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.160	2453.280	2470.440	0.5	PASS
11N40SISO	Ant1	2422	MCS0	33.840	2405.440	2439.280	0.5	PASS
11N40SISO	Ant1	2437	MCS0	33.840	2420.760	2454.600	0.5	PASS
11N40SISO	Ant1	2452	MCS0	35.040	2434.560	2469.600	0.5	PASS

Test Graphs

11B-Ant1-2412

11B-Ant1-2437

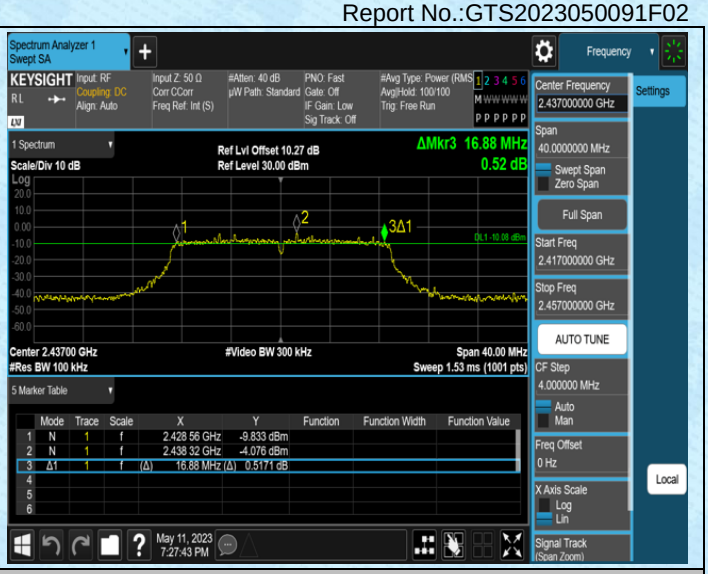
11B-Ant1-2462

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

AppendixB: Occupied Channel Bandwidth

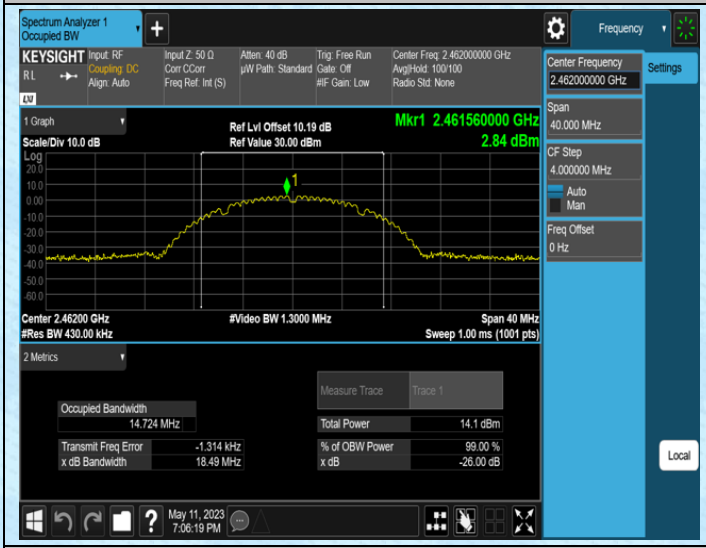
Test Result

Test Mode	Antenna	ChannelFrequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	14.728	2404.6767	2419.4047	---	---
11B	Ant1	2437	1Mbps	14.738	2429.6684	2444.4064	---	---
11B	Ant1	2462	1Mbps	14.724	2454.6367	2469.3607	---	---
11G	Ant1	2412	6Mbps	17.104	2403.4203	2420.5243	---	---
11G	Ant1	2437	6Mbps	17.046	2428.5596	2445.6056	---	---
11G	Ant1	2462	6Mbps	17.016	2453.5386	2470.5546	---	---
11N20SISO	Ant1	2412	MCS0	17.927	2403.0824	2421.0094	---	---
11N20SISO	Ant1	2437	MCS0	17.960	2428.0396	2445.9996	---	---
11N20SISO	Ant1	2462	MCS0	17.939	2453.0685	2471.0075	---	---
11N40SISO	Ant1	2422	MCS0	35.870	2404.1077	2439.9777	---	---
11N40SISO	Ant1	2437	MCS0	35.849	2419.1054	2454.9544	---	---
11N40SISO	Ant1	2452	MCS0	35.842	2434.0633	2469.9053	---	---

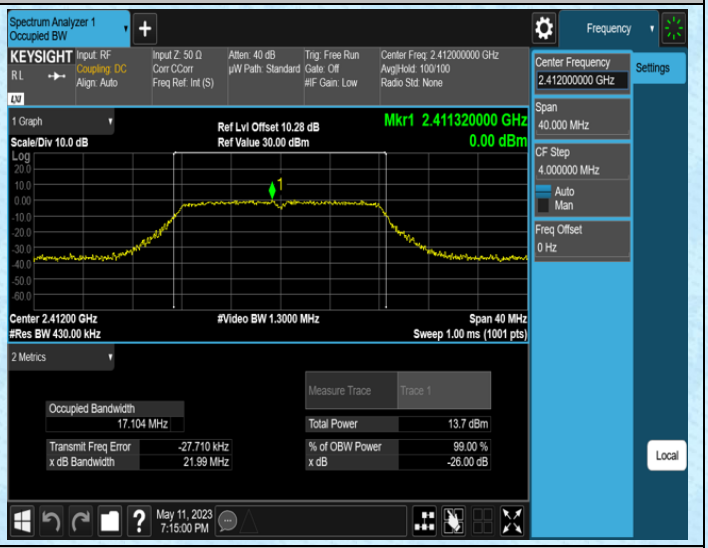
Test Graphs

11B-Ant1-2412

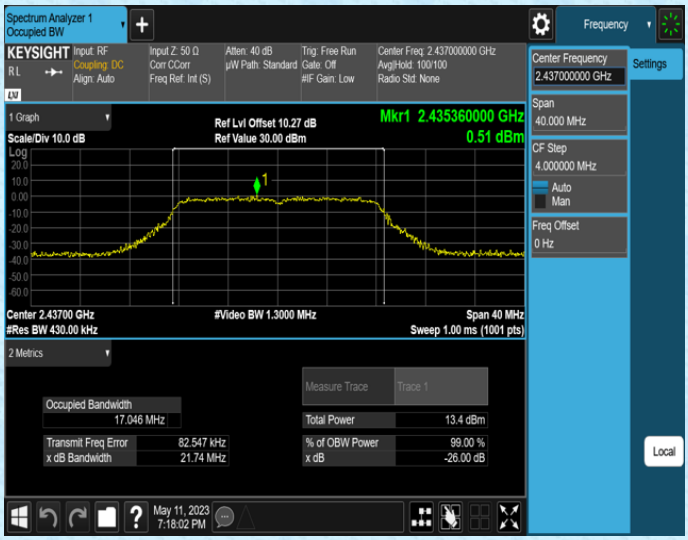
11B-Ant1-2437



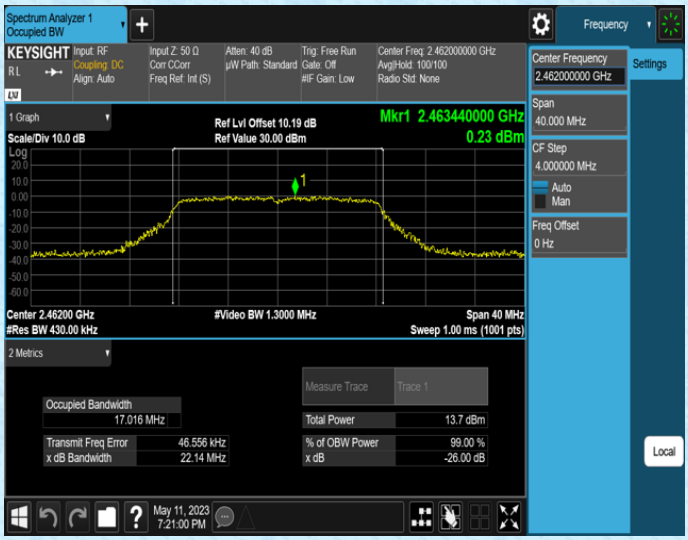
11B-Ant1-2462



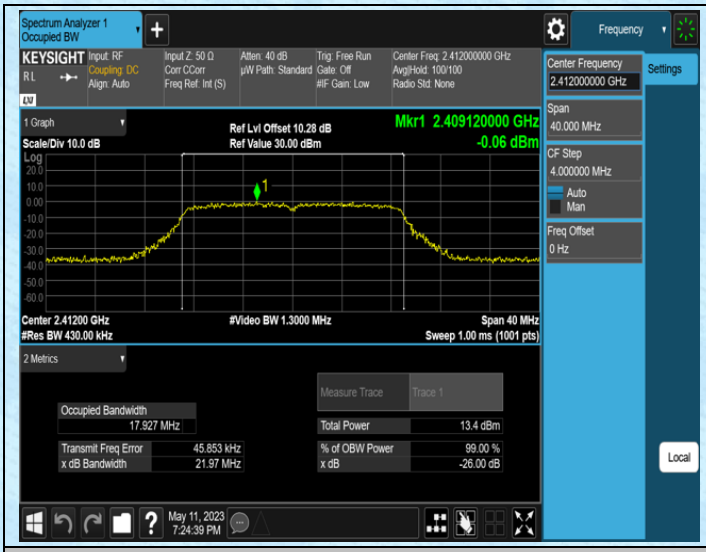
11G-Ant1-2412



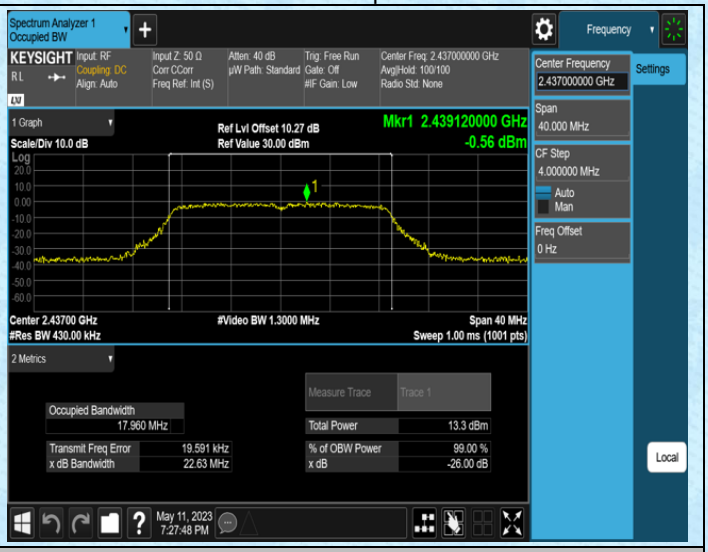
11G-Ant1-2437



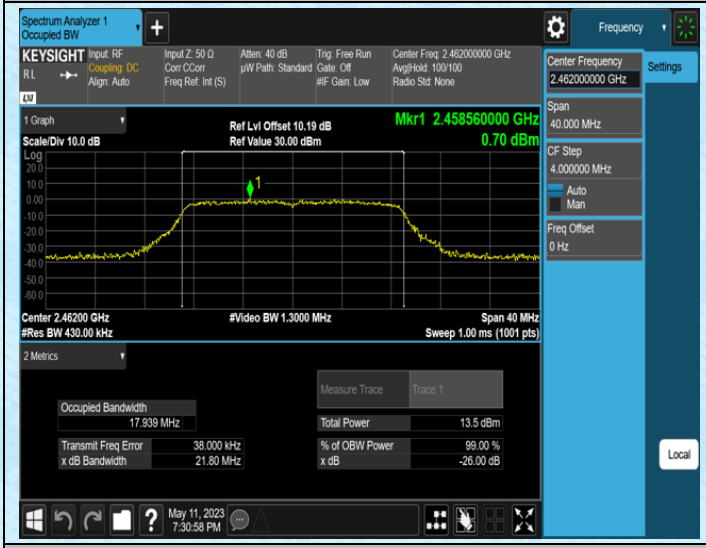
11G-Ant1-2462



11N20SISO-Ant1-2412

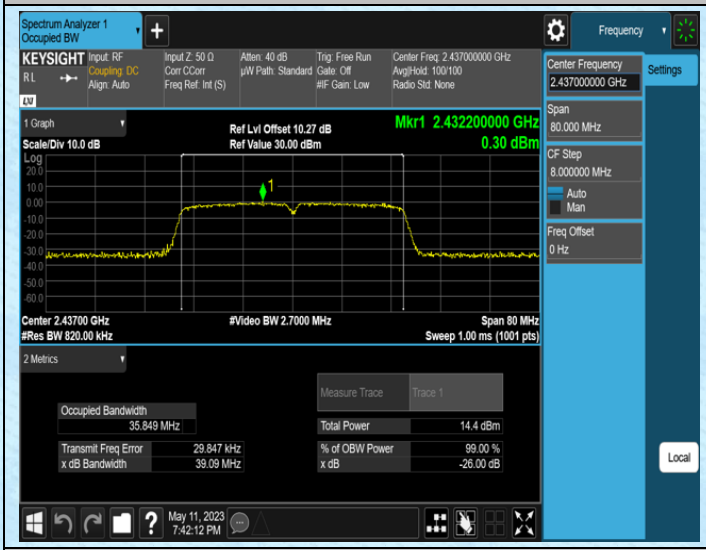


11N20SISO-Ant1-2437

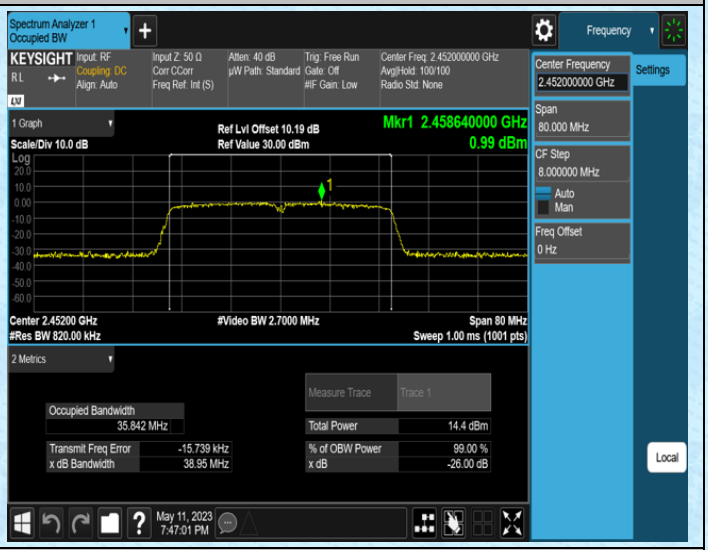


11N20SISO-Ant1-2462

11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

AppendixC: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Rate	Peak Powert[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	14.38	≤30.00	16.33	≤36.00	PASS
11B	Ant1	2437	1Mbps	14.47	≤30.00	16.42	≤36.00	PASS
11B	Ant1	2462	1Mbps	13.80	≤30.00	15.75	≤36.00	PASS
11G	Ant1	2412	6Mbps	14.85	≤30.00	16.80	≤36.00	PASS
11G	Ant1	2437	6Mbps	14.61	≤30.00	16.56	≤36.00	PASS
11G	Ant1	2462	6Mbps	14.90	≤30.00	16.85	≤36.00	PASS
11N20SISO	Ant1	2412	MCS0	14.51	≤30.00	16.46	≤36.00	PASS
11N20SISO	Ant1	2437	MCS0	14.41	≤30.00	16.36	≤36.00	PASS
11N20SISO	Ant1	2462	MCS0	14.50	≤30.00	16.45	≤36.00	PASS
11N40SISO	Ant1	2422	MCS0	14.51	≤30.00	16.46	≤36.00	PASS
11N40SISO	Ant1	2437	MCS0	14.56	≤30.00	16.51	≤36.00	PASS
11N40SISO	Ant1	2452	MCS0	14.69	≤30.00	16.64	≤36.00	PASS

AppendixD: Maximum power spectral density

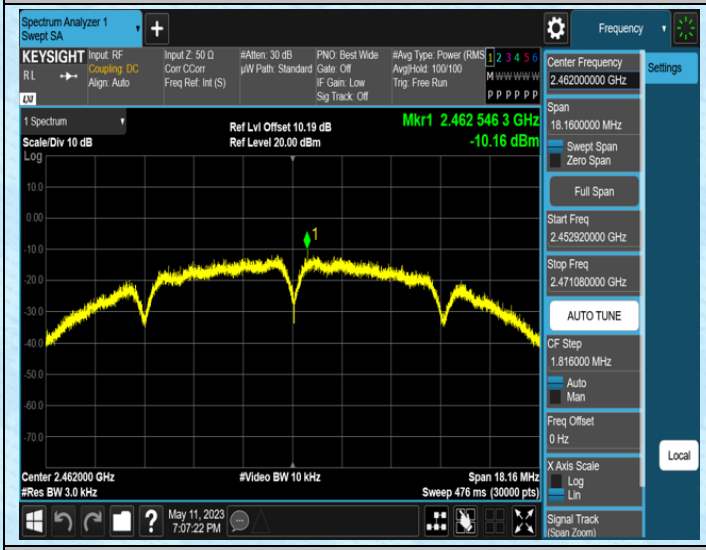
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-10.44	≤8.00	PASS
11B	Ant1	2437	1Mbps	-10.93	≤8.00	PASS
11B	Ant1	2462	1Mbps	-10.17	≤8.00	PASS
11G	Ant1	2412	6Mbps	-16.94	≤8.00	PASS
11G	Ant1	2437	6Mbps	-17.87	≤8.00	PASS
11G	Ant1	2462	6Mbps	-17.92	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-18.25	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-18.3	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-18.08	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-20.51	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-20.59	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-19.71	≤8.00	PASS

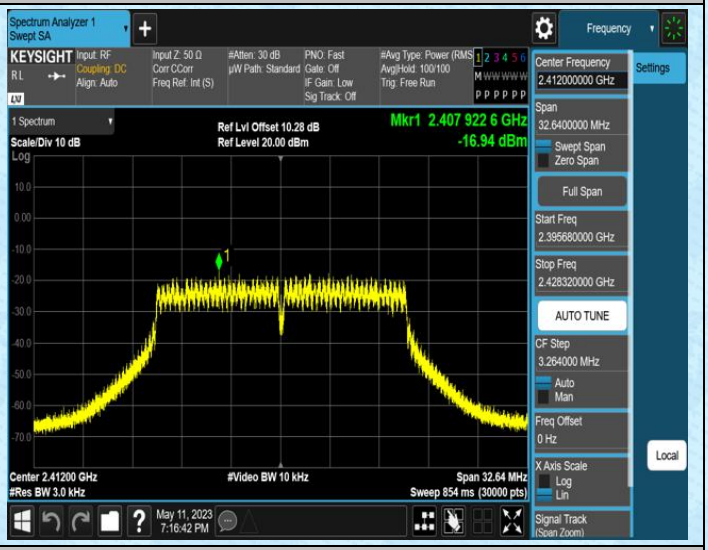
Test Graphs

11B-Ant1-2412

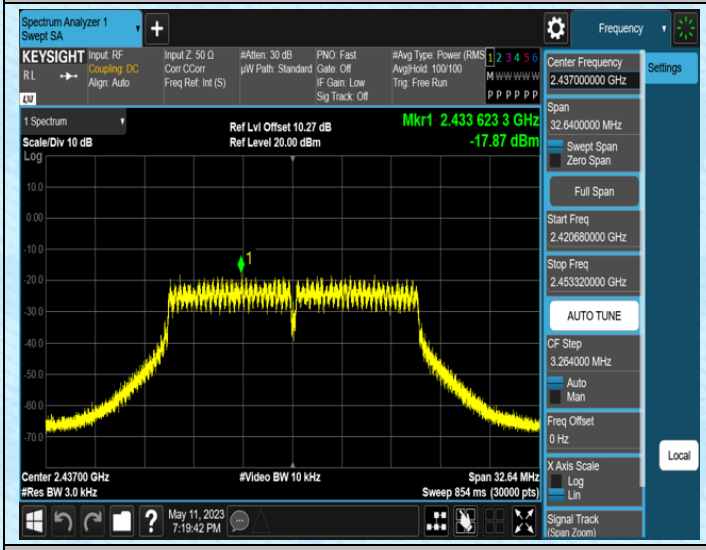
11B-Ant1-2437



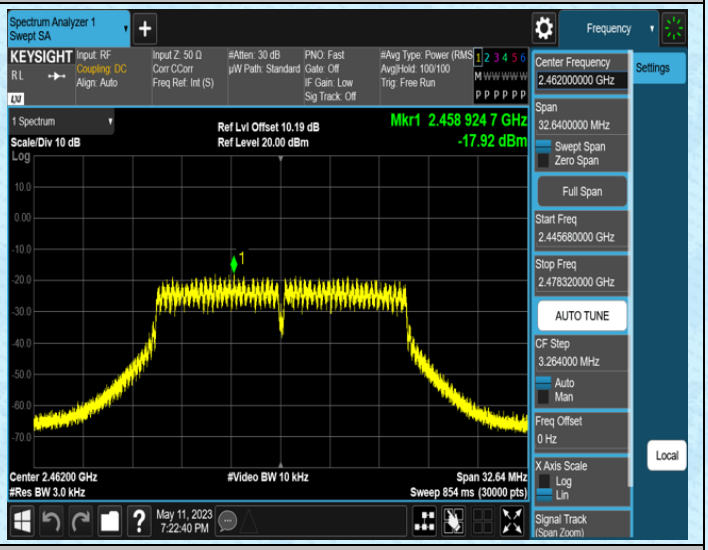
11B-Ant1-2462



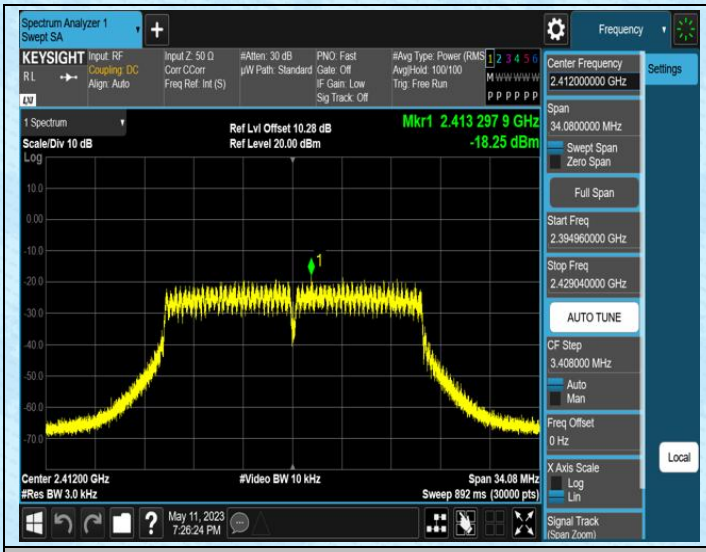
11G-Ant1-2412



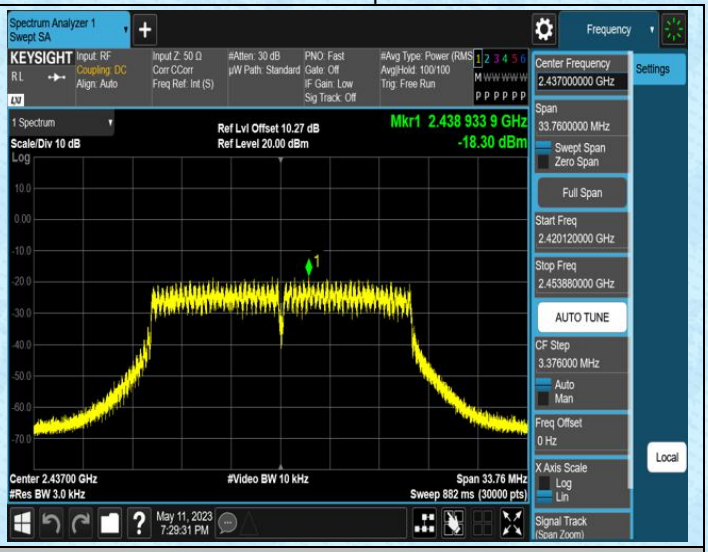
11G-Ant1-2437



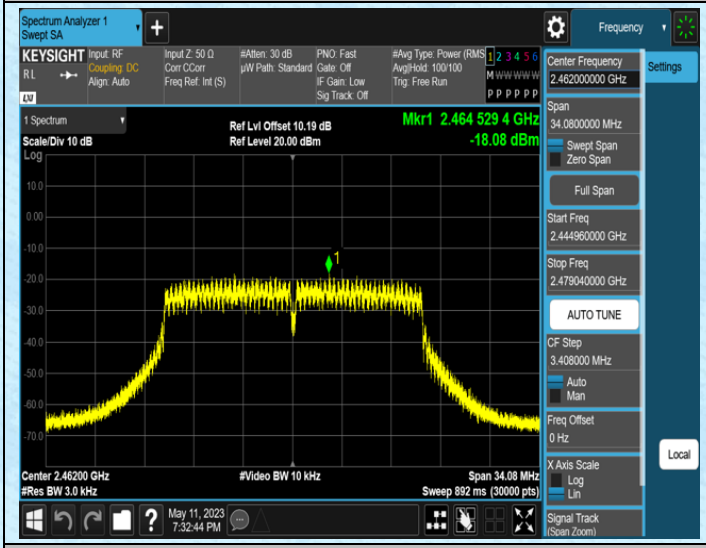
11G-Ant1-2462



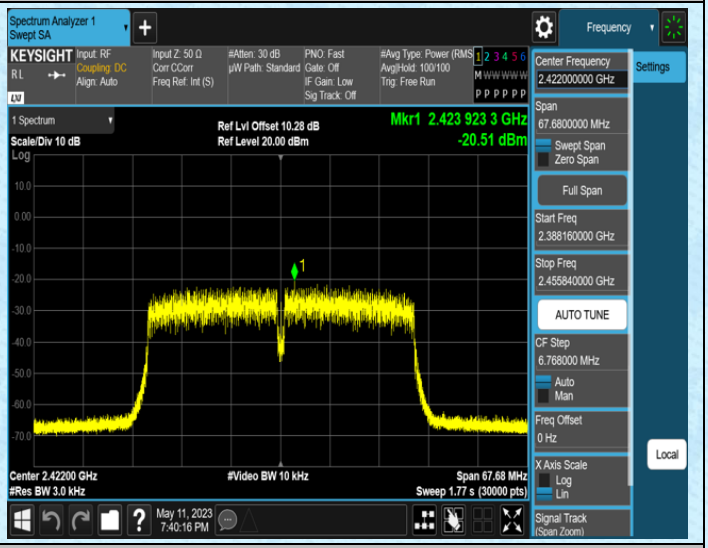
11N20SISO-Ant1-2412



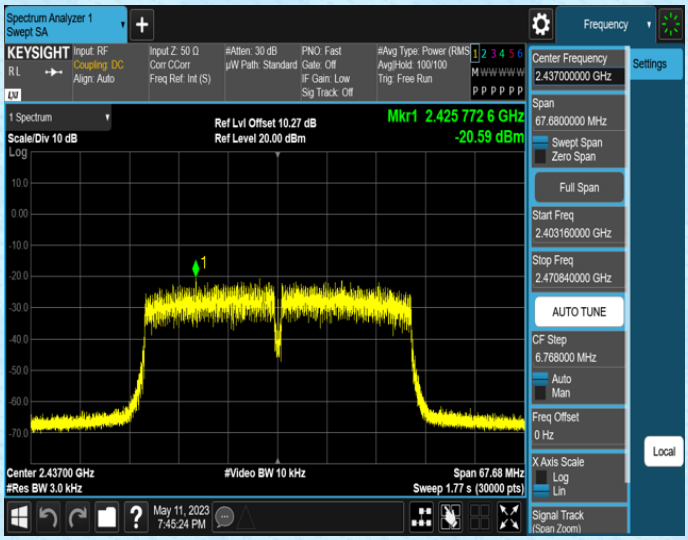
11N20SISO-Ant1-2437



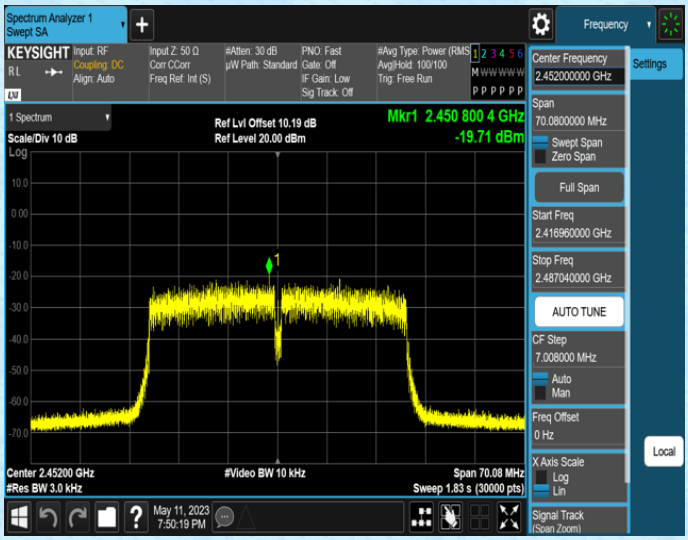
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

AppendixE:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.74	-39.81	≤-17.26	PASS
11B	Ant1	High	2462	2.38	-48.61	≤-17.62	PASS
11G	Ant1	Low	2412	-4.63	-42.69	≤-24.63	PASS
11G	Ant1	High	2462	-4.04	-49.89	≤-24.04	PASS
11N20SISO	Ant1	Low	2412	-4.71	-42.74	≤-24.71	PASS
11N20SISO	Ant1	High	2462	-4.16	-49.8	≤-24.16	PASS
11N40SISO	Ant1	Low	2422	-6.54	-48.74	≤-26.54	PASS
11N40SISO	Ant1	High	2452	-6.49	-49.48	≤-26.49	PASS