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	8.520	2408.000	2416.520	0.5	PASS
11B	Ant1	2437	1Mbps	8.040	2432.960	2441.000	0.5	PASS
11B	Ant1	2462	1Mbps	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	6Mbps	14.480	2405.680	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	13.760	2429.120	2442.880	0.5	PASS
11G	Ant1	2462	6Mbps	16.040	2454.120	2470.160	0.5	PASS
11N20SISO	Ant1	2412	MCS0	16.320	2404.440	2420.760	0.5	PASS
11N20SISO	Ant1	2437	MCS0	15.920	2428.600	2444.520	0.5	PASS
11N20SISO	Ant1	2462	MCS0	15.400	2455.360	2470.760	0.5	PASS
11N40SISO	Ant1	2422	MCS0	32.560	2406.960	2439.520	0.5	PASS
11N40SISO	Ant1	2437	MCS0	32.480	2419.480	2451.960	0.5	PASS
11N40SISO	Ant1	2452	MCS0	35.200	2434.400	2469.600	0.5	PASS

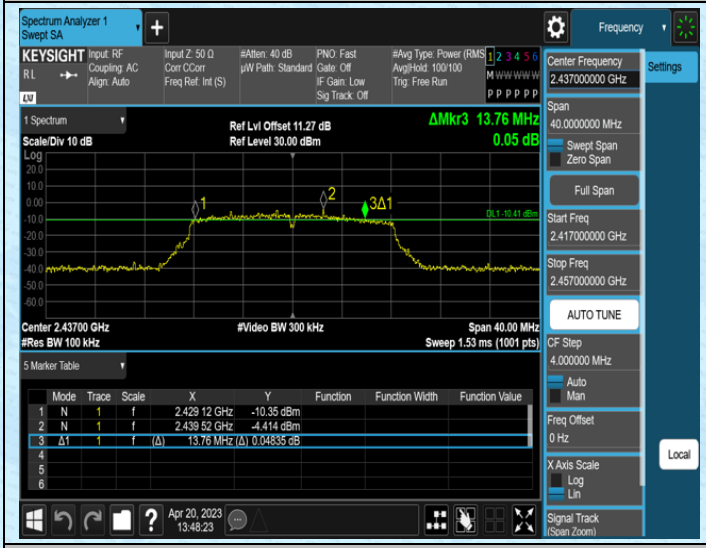
Test Graphs

11B-Ant1-2412

11B-Ant1-2437

11B-Ant1-2462

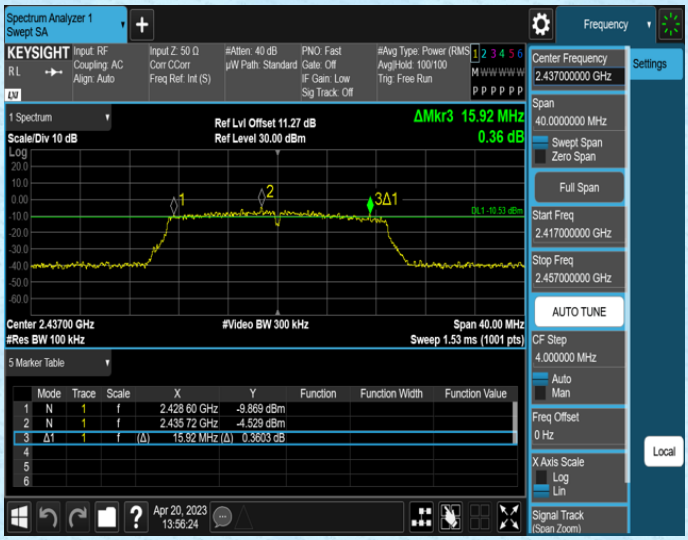
11G-Ant1-2412



11G-Ant1-2437

11G-Ant1-2462

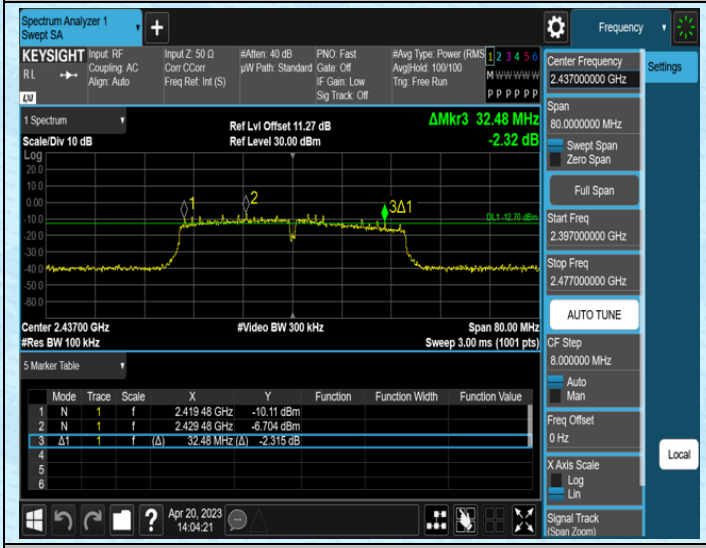
11N20SISO-Ant1-2412



11N20SISO-Ant1-2437

11N20SISO-Ant1-2462

11N40SISO-Ant1-2422



11N40SISO-Ant1-2437

11N40SISO-Ant1-2452

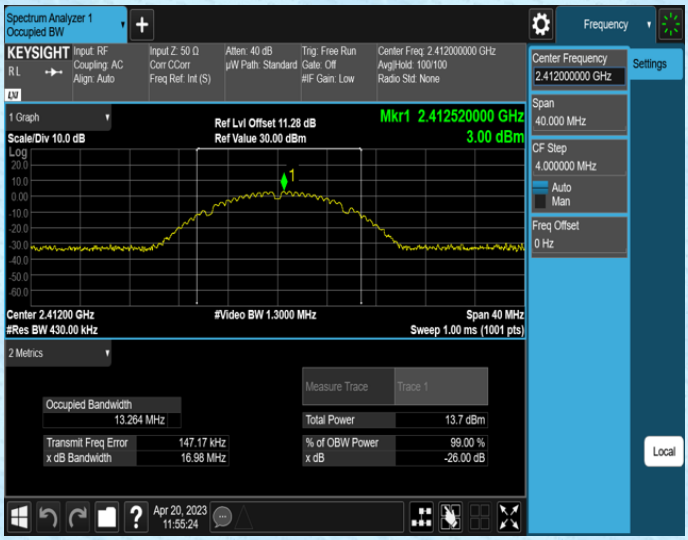
AppendixB: Occupied Channel Bandwidth

Test Result

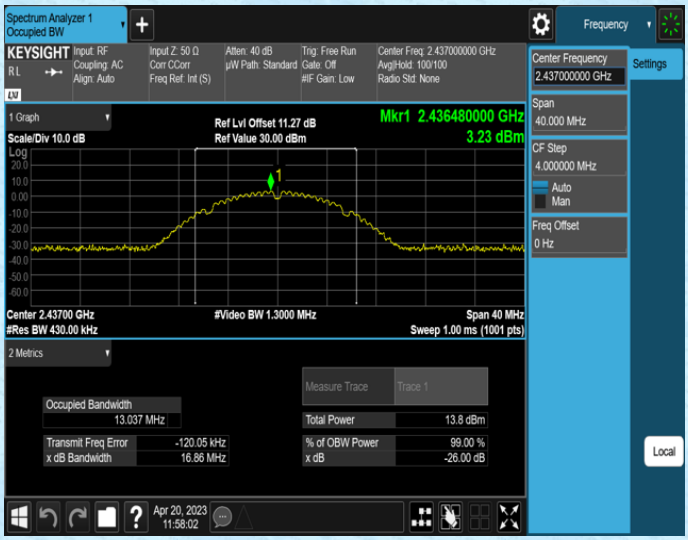
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	13.264	2405.5152	2418.7792	---	---
11B	Ant1	2437	1Mbps	13.037	2430.3615	2443.3985	---	---
11B	Ant1	2462	1Mbps	13.309	2455.4572	2468.7662	---	---
11G	Ant1	2412	6Mbps	17.153	2403.5088	2420.6618	---	---
11G	Ant1	2437	6Mbps	16.865	2428.4412	2445.3062	---	---
11G	Ant1	2462	6Mbps	17.071	2453.6043	2470.6753	---	---
11N20SISO	Ant1	2412	MCS0	17.927	2403.1421	2421.0691	---	---

11N20SISO	Ant1	2437	MCS0	17.792	2428.0309	2445.8229	---	---
11N20SISO	Ant1	2462	MCS0	18.043	2453.0963	2471.1393	---	---
11N40SISO	Ant1	2422	MCS0	36.054	2404.0136	2440.0676	---	---
11N40SISO	Ant1	2437	MCS0	36.204	2418.7387	2454.9427	---	---
11N40SISO	Ant1	2452	MCS0	36.831	2433.5807	2470.4117	---	---

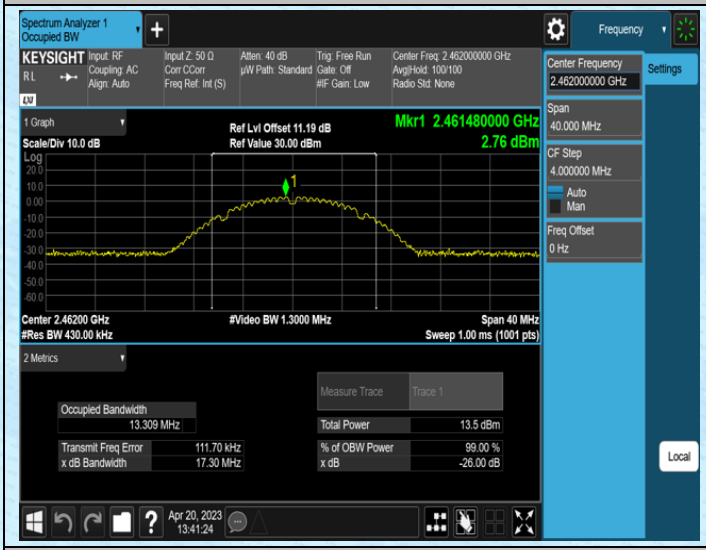
Test Graphs



11B-Ant1-2412

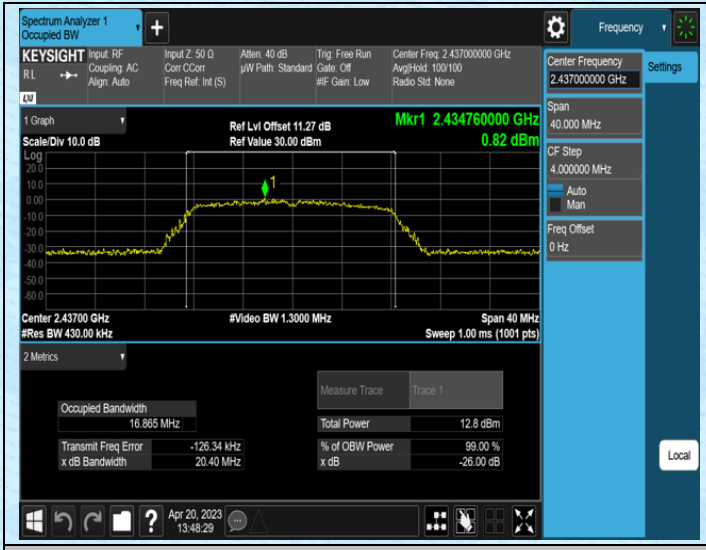


11B-Ant1-2437



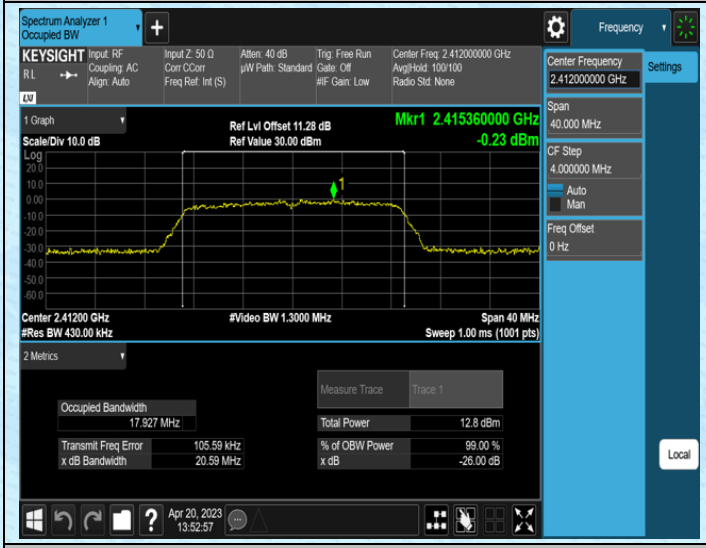
11B-Ant1-2462

11G-Ant1-2412



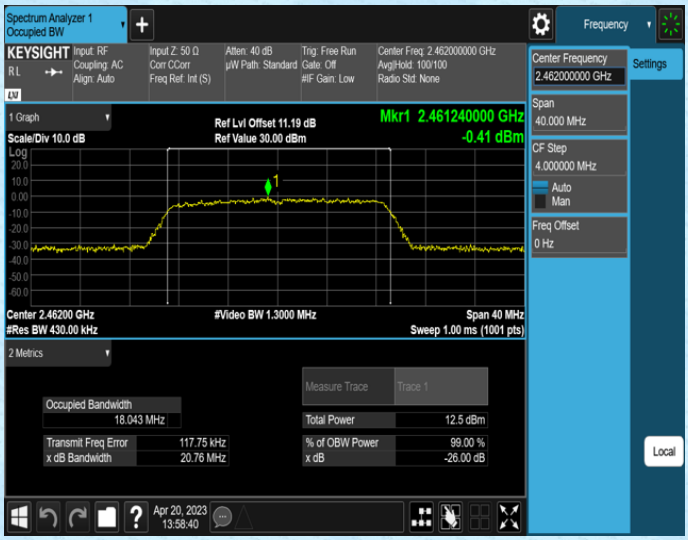
11G-Ant1-2437

11G-Ant1-2462

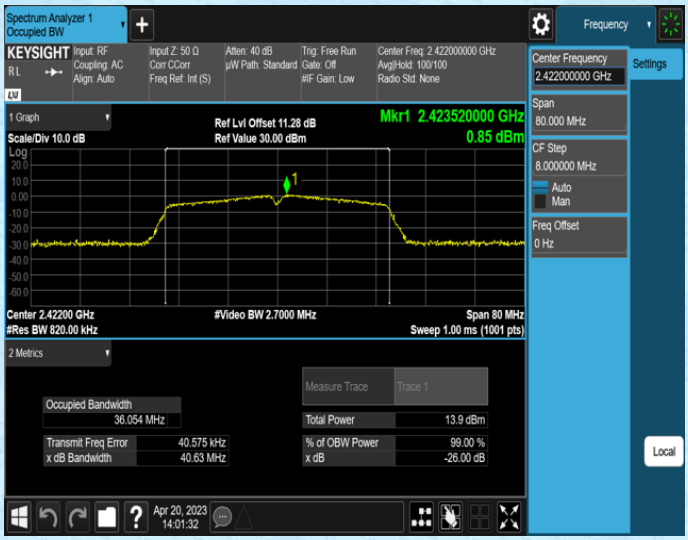


11N20SISO-Ant1-2412

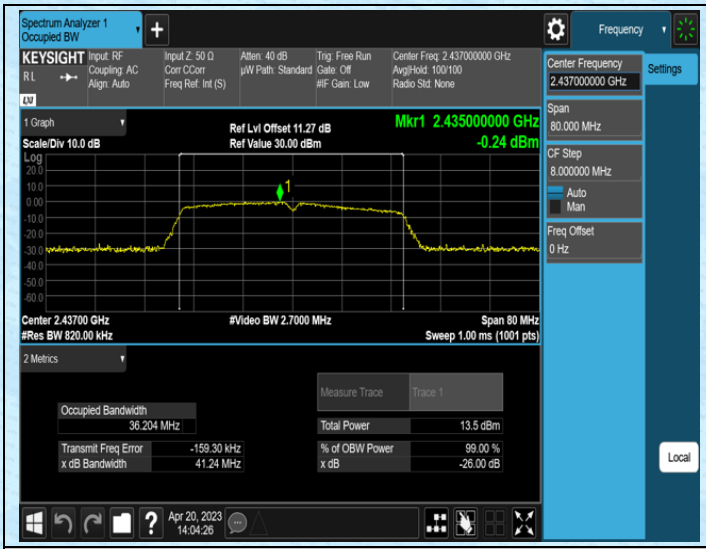
11N20SISO-Ant1-2437



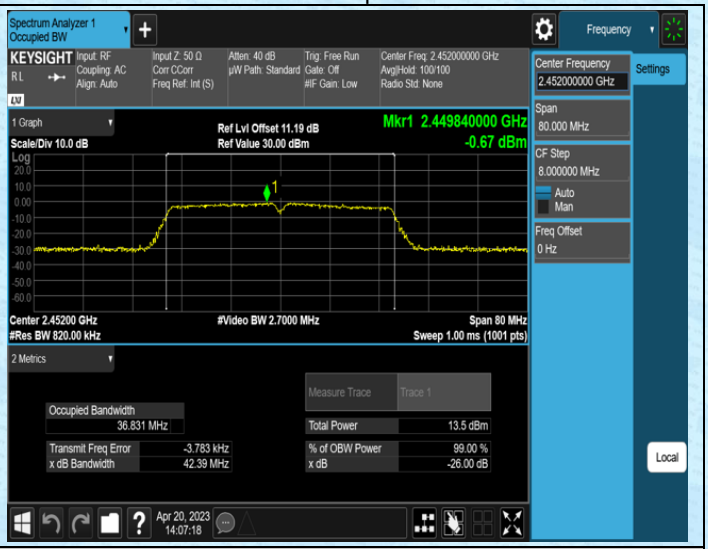
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

AppendixC: Maximum conducted output power

Test Result Peak

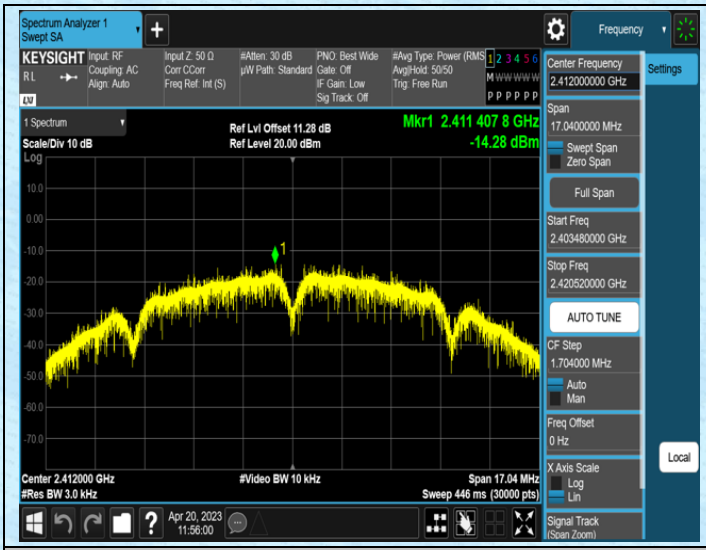
TestMode	Antenna	Frequency [MHz]	Rate	Peak Powert[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	13.38	≤30.00	17.37	≤36.00	PASS
11B	Ant1	2437	1Mbps	13.37	≤30.00	17.36	≤36.00	PASS
11B	Ant1	2462	1Mbps	13.10	≤30.00	17.09	≤36.00	PASS
11G	Ant1	2412	6Mbps	13.43	≤30.00	17.42	≤36.00	PASS
11G	Ant1	2437	6Mbps	13.45	≤30.00	17.44	≤36.00	PASS
11G	Ant1	2462	6Mbps	13.57	≤30.00	17.56	≤36.00	PASS
11N20SISO	Ant1	2412	MCS0	13.93	≤30.00	17.92	≤36.00	PASS
11N20SISO	Ant1	2437	MCS0	14.22	≤30.00	18.21	≤36.00	PASS
11N20SISO	Ant1	2462	MCS0	13.54	≤30.00	17.53	≤36.00	PASS
11N40SISO	Ant1	2422	MCS0	13.95	≤30.00	17.94	≤36.00	PASS
11N40SISO	Ant1	2437	MCS0	13.57	≤30.00	17.56	≤36.00	PASS
11N40SISO	Ant1	2452	MCS0	13.70	≤30.00	17.69	≤36.00	PASS

AppendixD: Maximum power spectral density

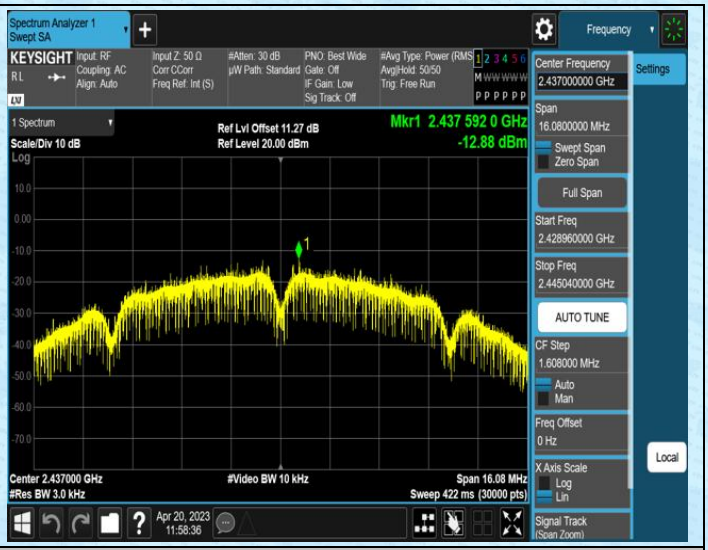
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-14.28	≤8.00	PASS
11B	Ant1	2437	1Mbps	-12.88	≤8.00	PASS
11B	Ant1	2462	1Mbps	-13.52	≤8.00	PASS
11G	Ant1	2412	6Mbps	-19.24	≤8.00	PASS
11G	Ant1	2437	6Mbps	-17.64	≤8.00	PASS
11G	Ant1	2462	6Mbps	-19.54	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-18.65	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-18.14	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-19.72	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-20.55	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-21.62	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-21.27	≤8.00	PASS

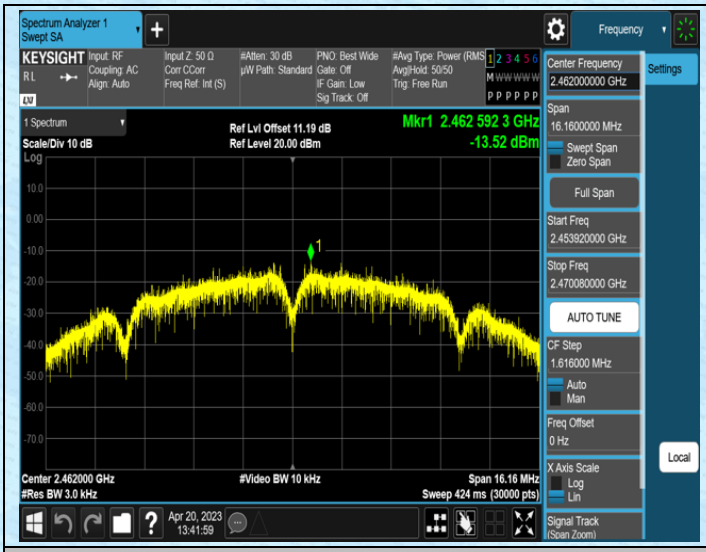
Test Graphs



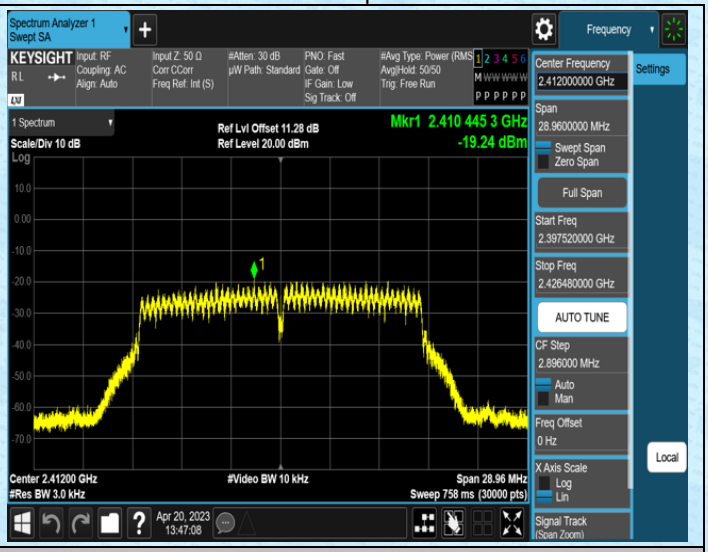
11B-Ant1-2412



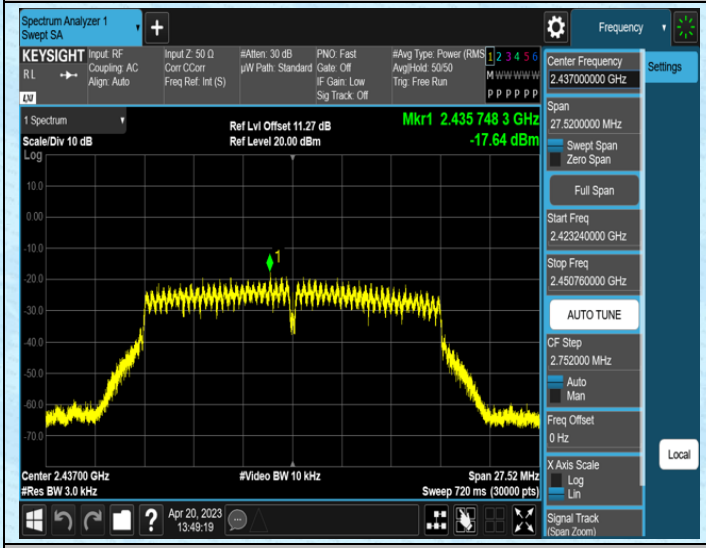
11B-Ant1-2437



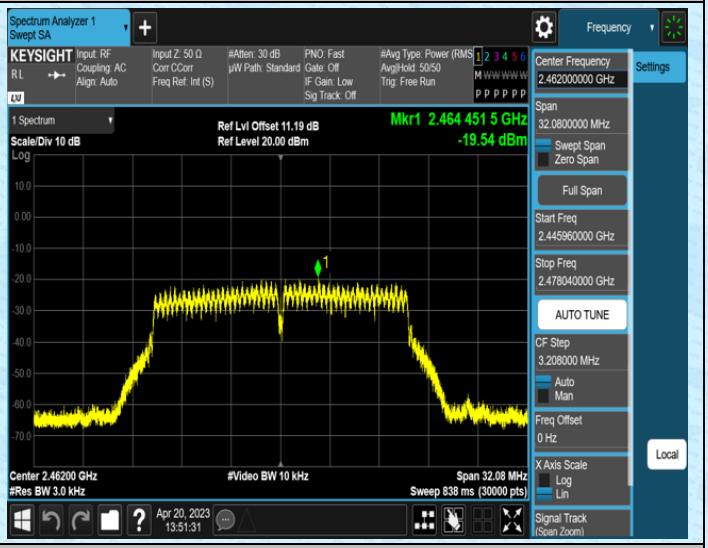
11B-Ant1-2462



11G-Ant1-2412



11G-Ant1-2437

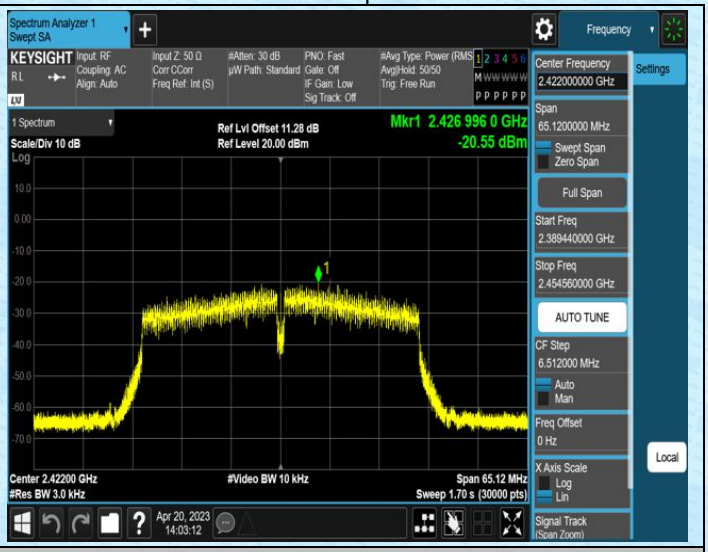


11G-Ant1-2462

11N40SISO-Ant1-2412

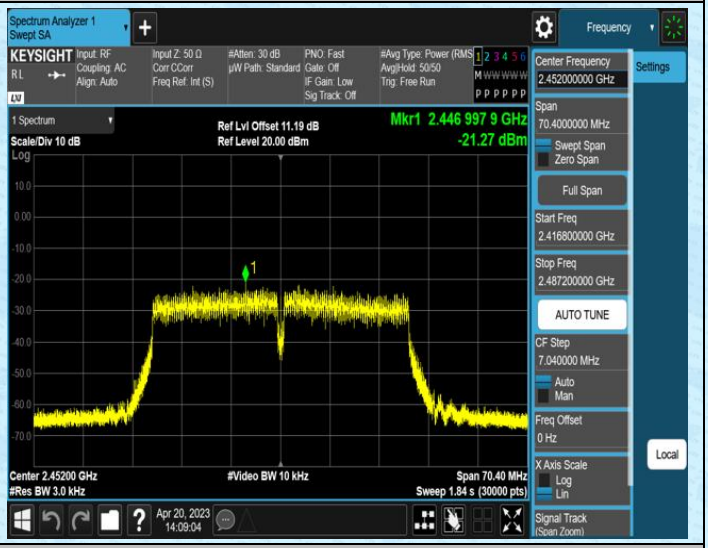
11N40SISO-Ant1-2437

11N40SISO-Ant1-2462



11N20SISO-Ant1-2422

11N20SISO-Ant1-2437



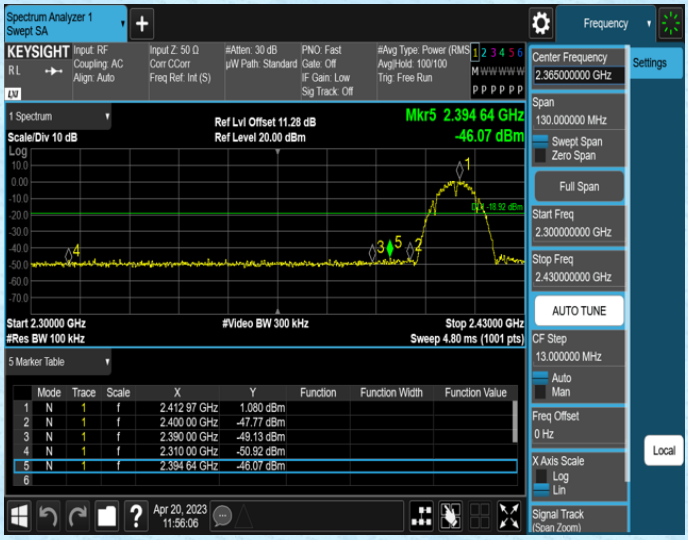
11N20SISO-Ant1-2452

AppendixE:Band edge measurements

Test Result

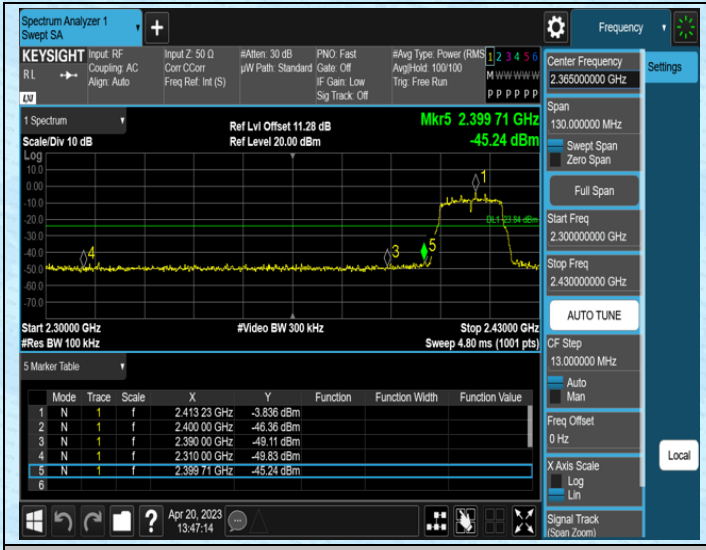
Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	1.08	-46.07	≤-18.92	PASS
11B	Ant1	High	2462	1Mbps	0.79	-46.28	≤-19.21	PASS
11G	Ant1	Low	2412	6Mbps	-3.84	-45.24	≤-23.84	PASS
11G	Ant1	High	2462	6Mbps	-4.84	-46.75	≤-24.84	PASS
11N20SISO	Ant1	Low	2412	MCS0	-4.14	-45.69	≤-24.14	PASS
11N20SISO	Ant1	High	2462	MCS0	-4.26	-46.51	≤-24.26	PASS
11N40SISO	Ant1	Low	2422	MCS0	-5.70	-45.2	≤-25.7	PASS
11N40SISO	Ant1	High	2452	MCS0	-6.92	-46.29	≤-26.92	PASS

Test Graphs

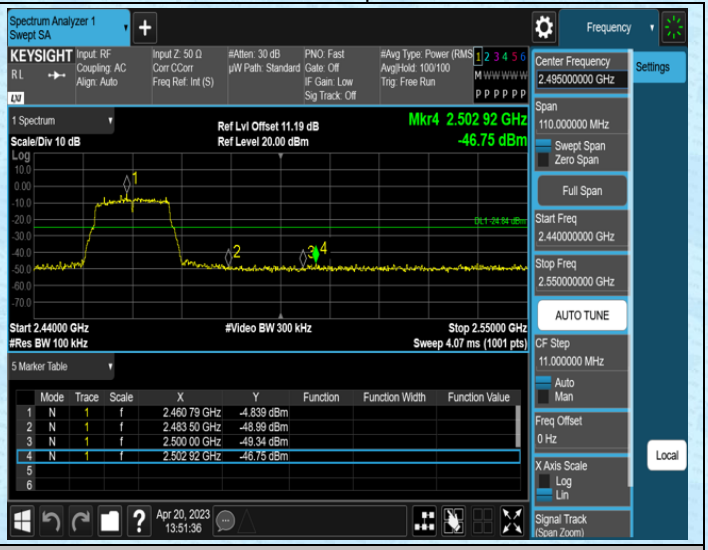


11B-Ant1-2412

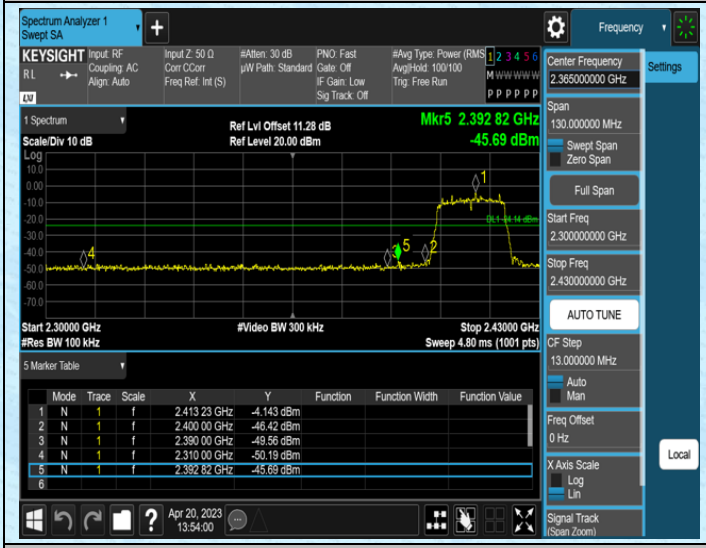
11B-Ant1-2462



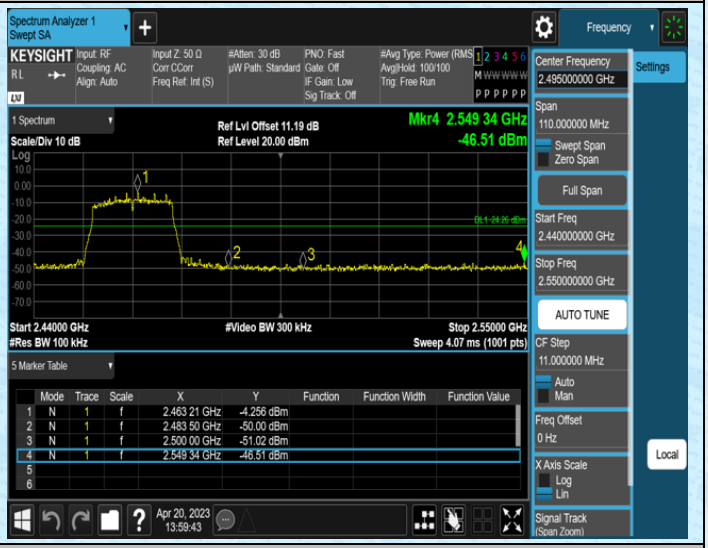
11G-Ant1-2412



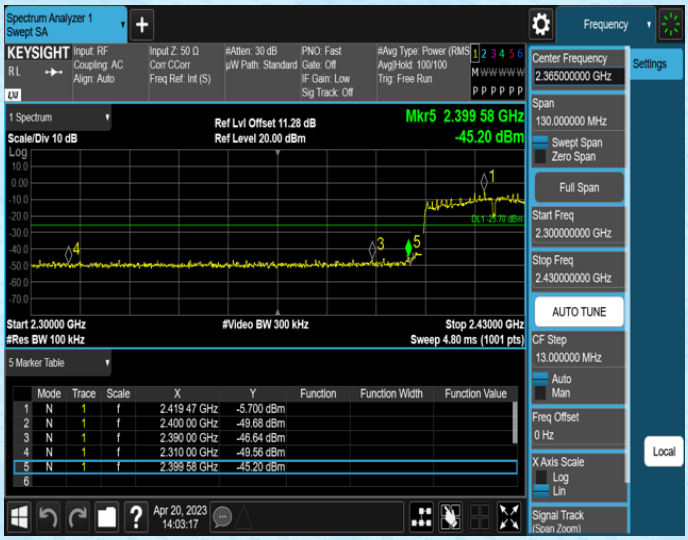
11G-Ant1-2462



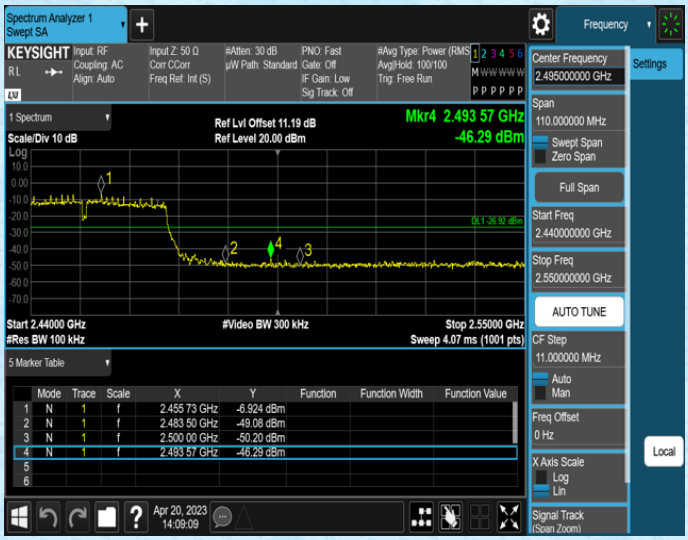
11N20SISO-Ant1-2412



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2452