

Appendix B: DTS Bandwidth

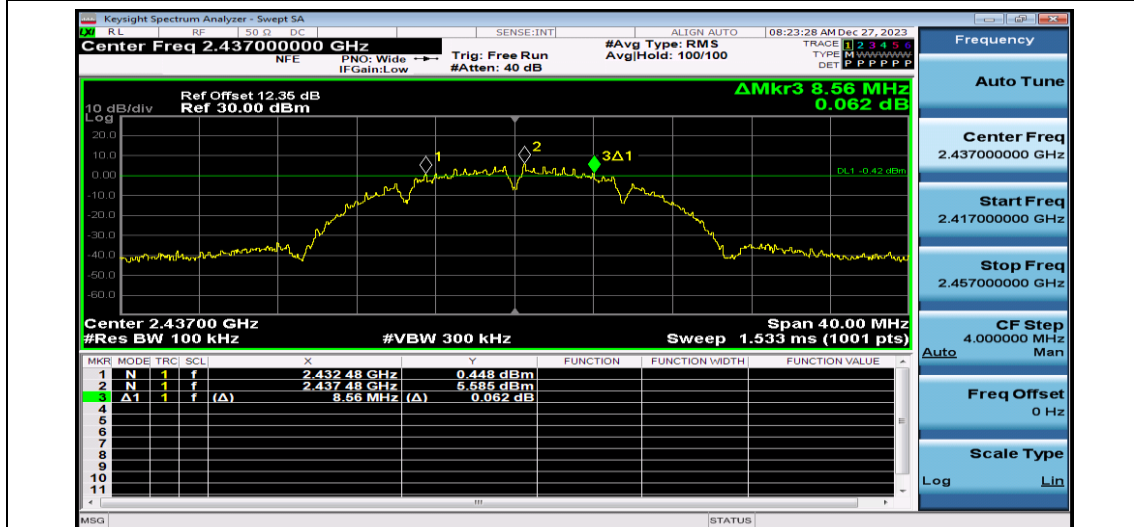
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.440	2417.000	0.5	PASS
11B	Ant1	2437	8.560	2432.480	2441.040	0.5	PASS
11B	Ant1	2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
11G	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
11G	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	5.920	2410.120	2416.040	0.5	PASS
11N20SISO	Ant1	2437	17.520	2428.240	2445.760	0.5	PASS
11N20SISO	Ant1	2462	17.520	2453.240	2470.760	0.5	PASS
11N40SISO	Ant1	2422	34.400	2405.120	2439.520	0.5	PASS
11N40SISO	Ant1	2437	35.040	2419.720	2454.760	0.5	PASS
11N40SISO	Ant1	2452	35.360	2434.240	2469.600	0.5	PASS

Test Graphs



11B-Ant1-2412



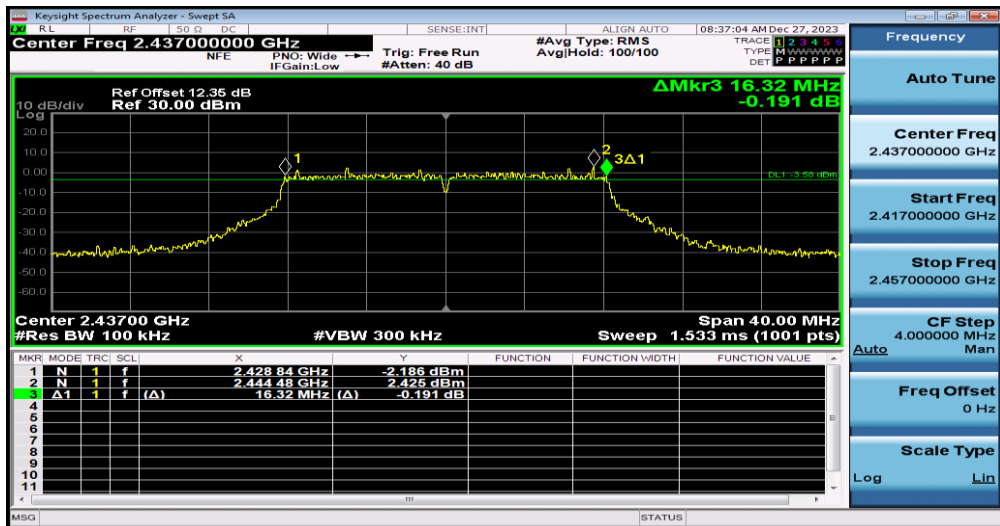
11B-Ant1-2437



11B-Ant1-2462



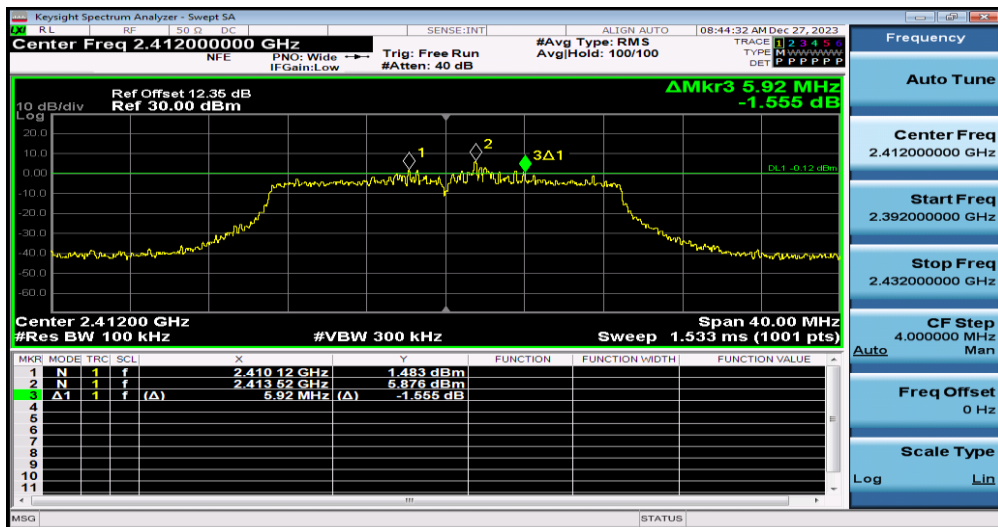
11G-Ant1-2412



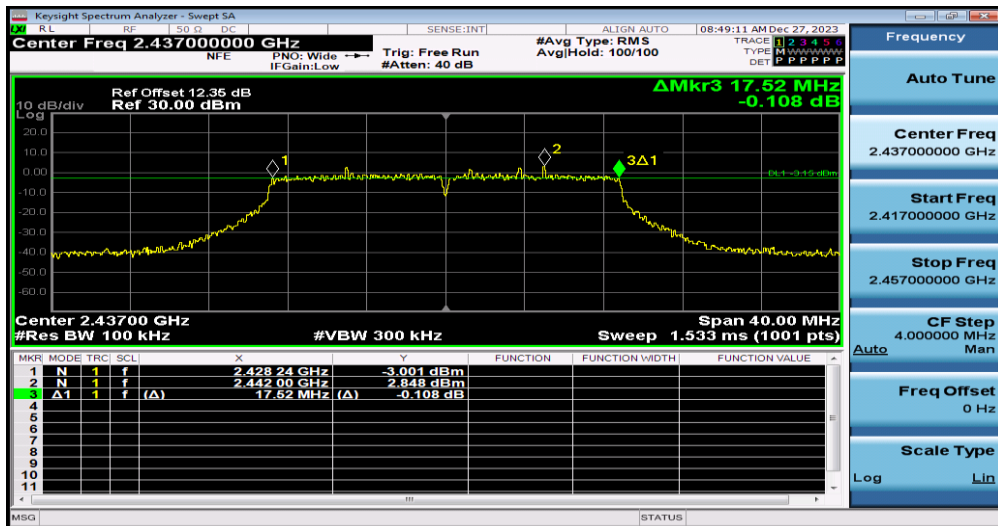
11G-Ant1-2437



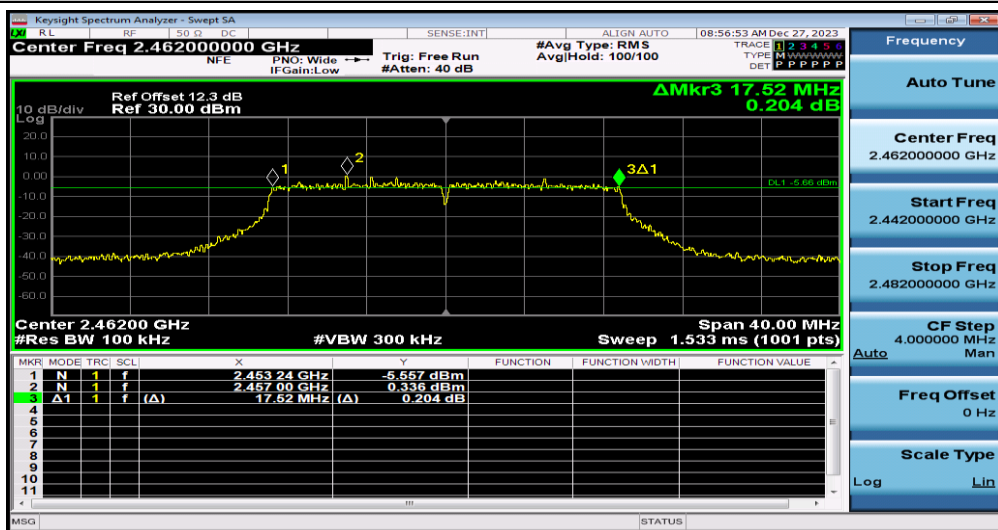
11G-Ant1-2462



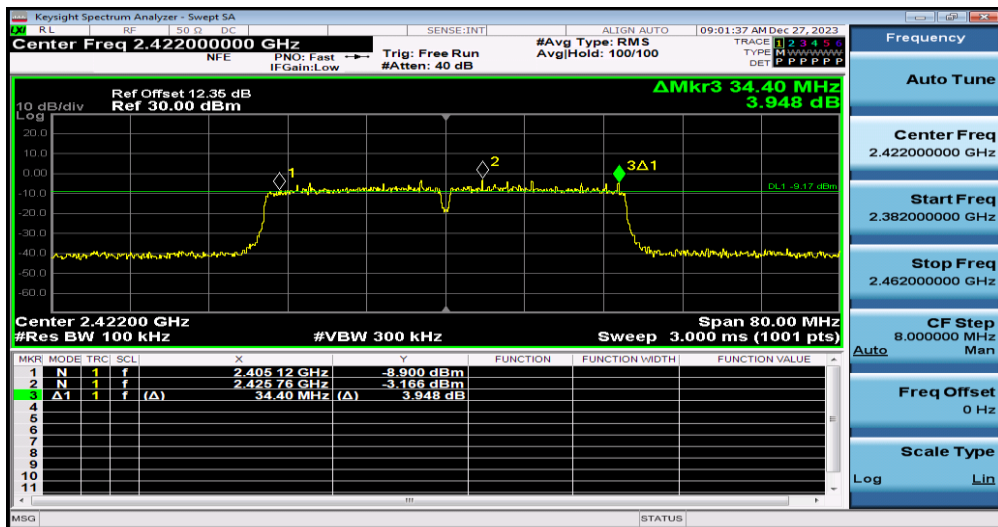
11N20SISO-Ant1-2412



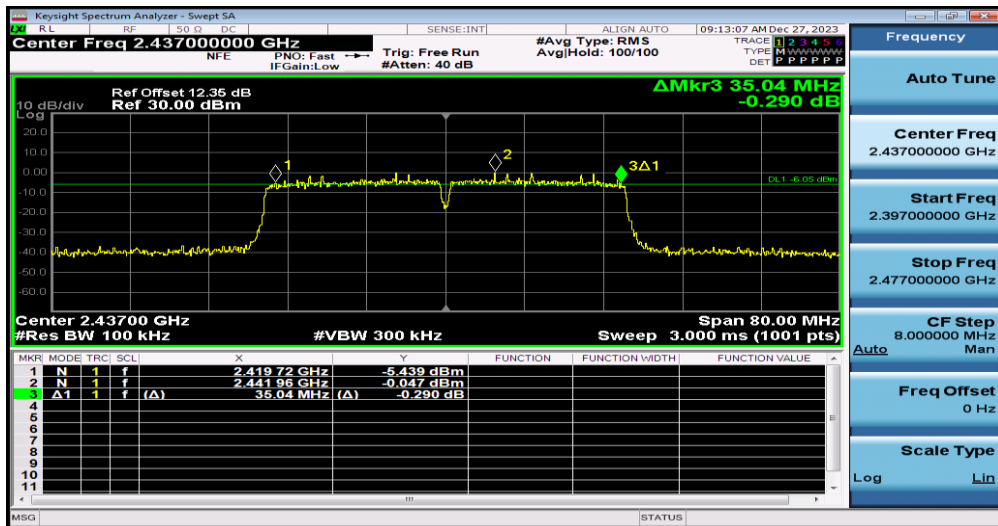
11N20SISO-Ant1-2437



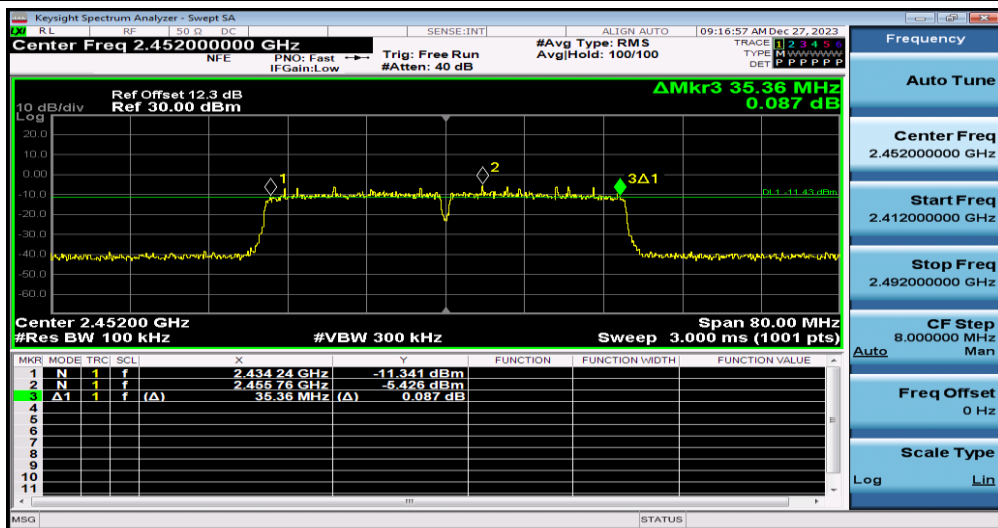
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



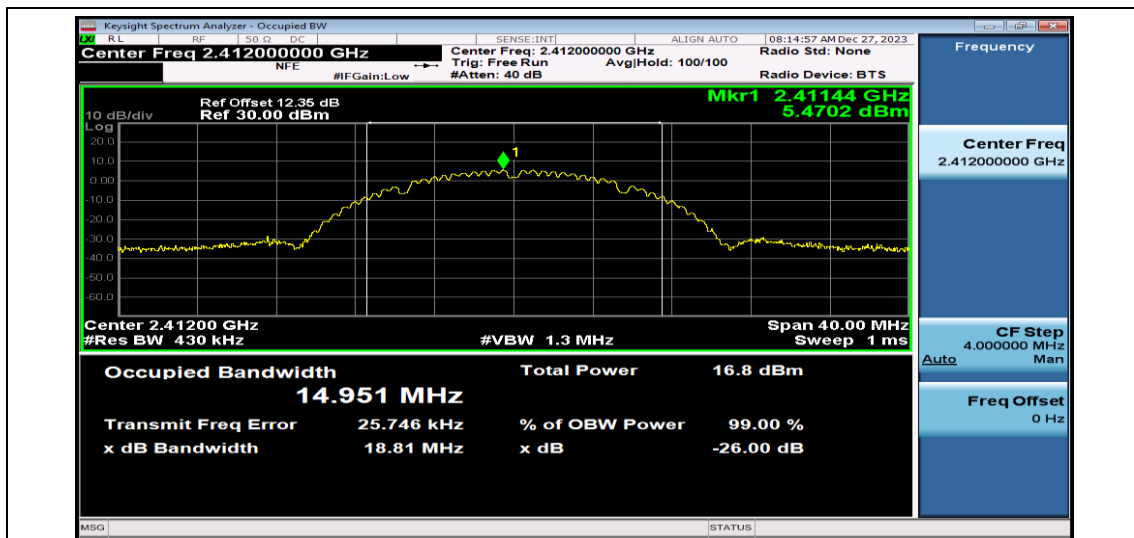
11N40SISO-Ant1-2452

Appendix B: Occupied Channel Bandwidth

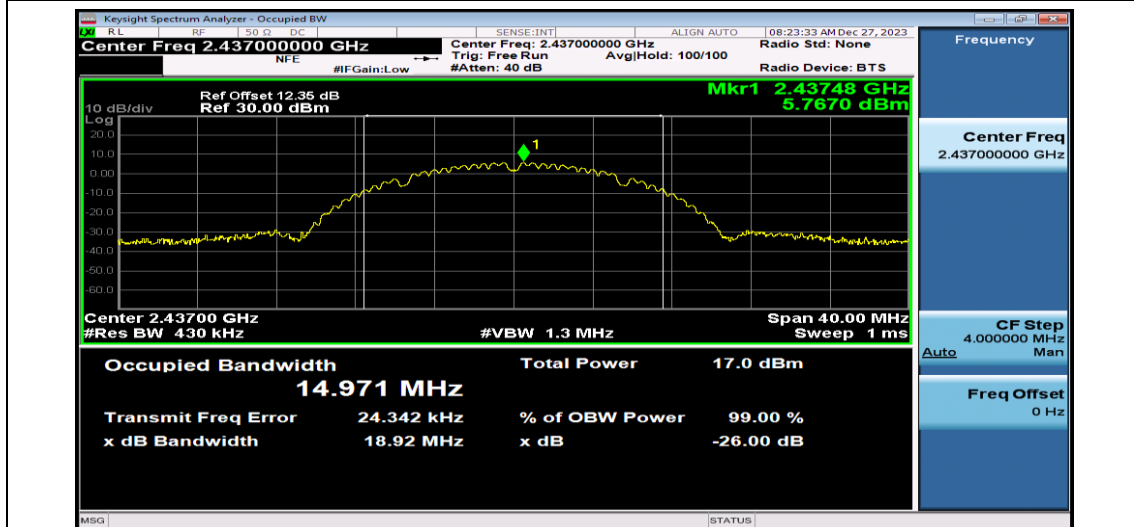
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.951	2404.5503	2419.5013	---	---
11B	Ant1	2437	14.971	2429.5388	2444.5098	---	---
11B	Ant1	2462	14.984	2454.5004	2469.4844	---	---
11G	Ant1	2412	17.198	2403.3923	2420.5903	---	---
11G	Ant1	2437	17.154	2428.4598	2445.6138	---	---
11G	Ant1	2462	16.719	2453.6177	2470.3367	---	---
11N20SISO	Ant1	2412	18.171	2402.9998	2421.1708	---	---
11N20SISO	Ant1	2437	18.266	2427.8090	2446.0750	---	---
11N20SISO	Ant1	2462	18.137	2452.9217	2471.0587	---	---
11N40SISO	Ant1	2422	35.950	2404.0496	2439.9996	---	---
11N40SISO	Ant1	2437	35.922	2419.0512	2454.9732	---	---
11N40SISO	Ant1	2452	36.010	2433.9908	2470.0008	---	---

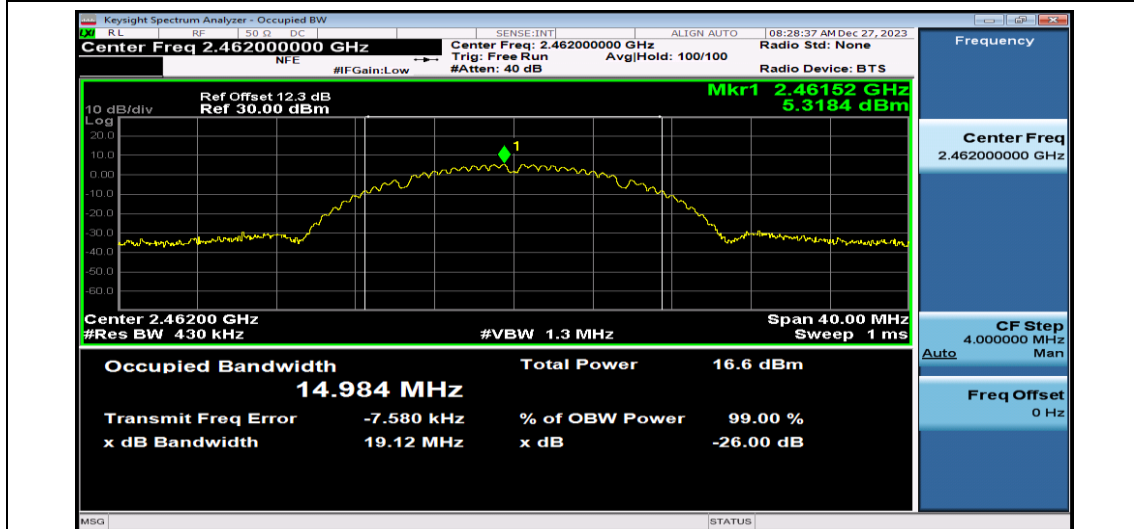
Test Graphs



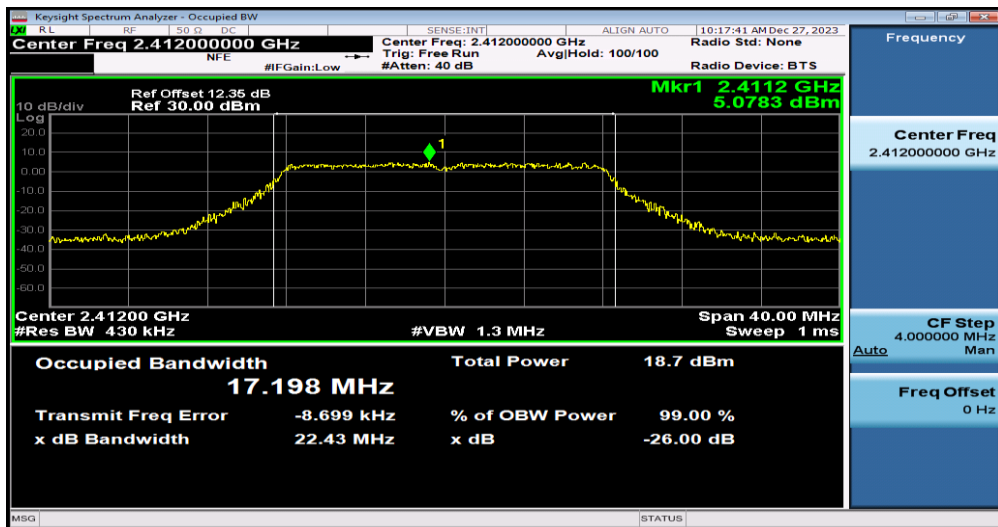
11B-Ant1-2412



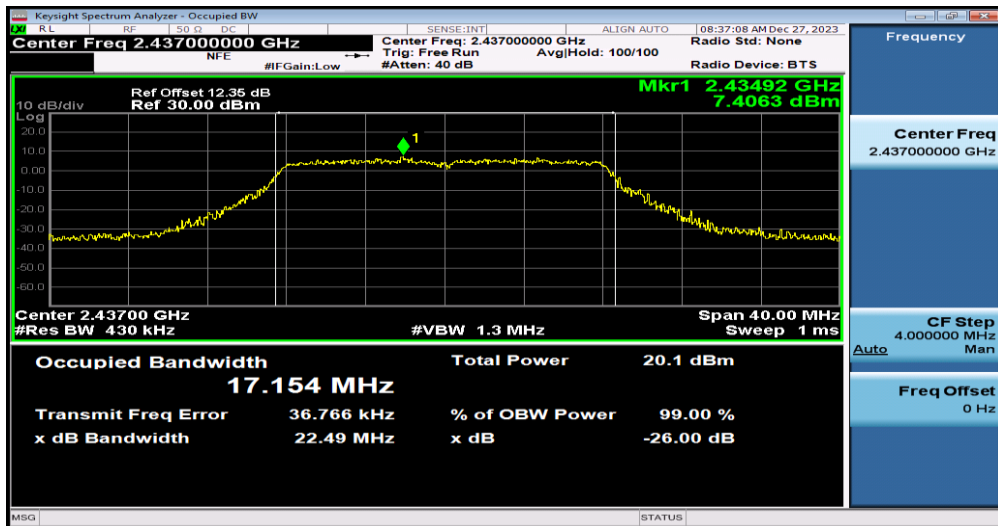
11B-Ant1-2437



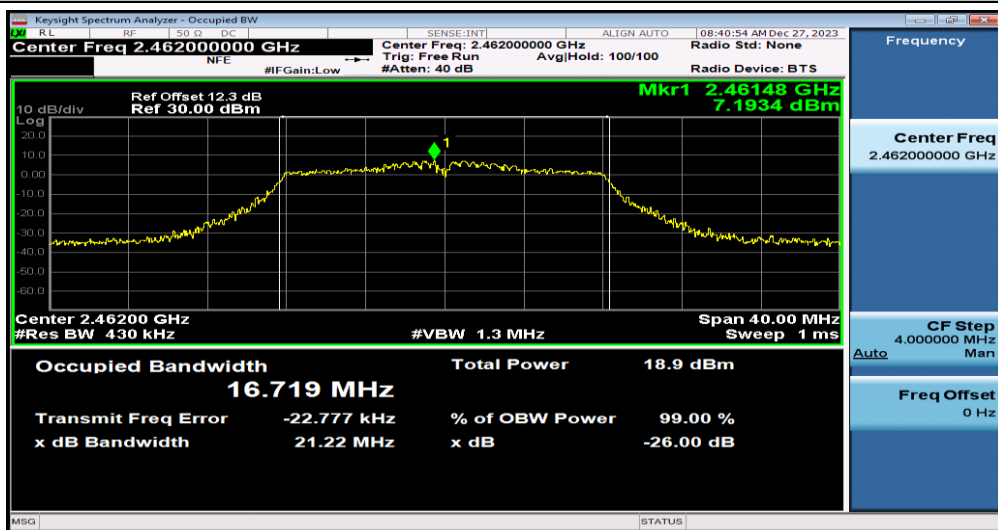
11B-Ant1-2462



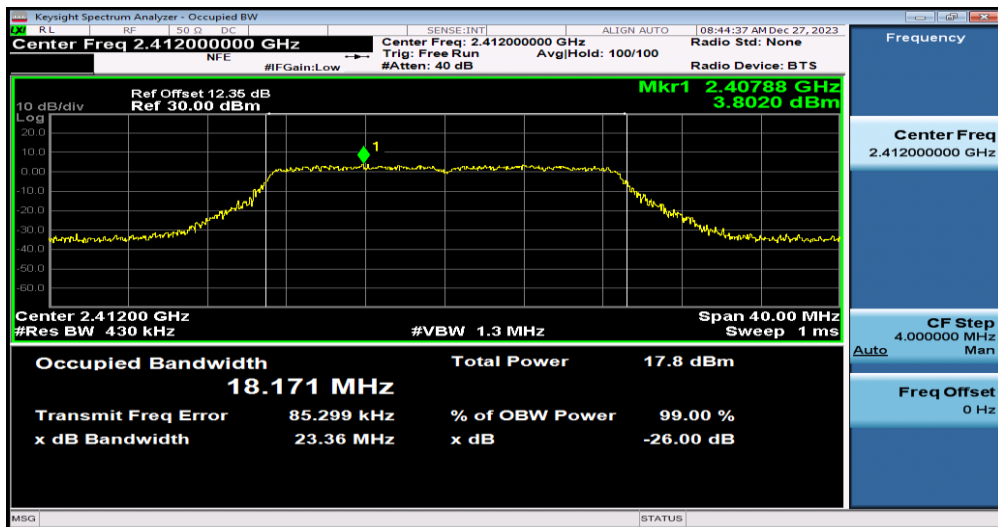
11G-Ant1-2412



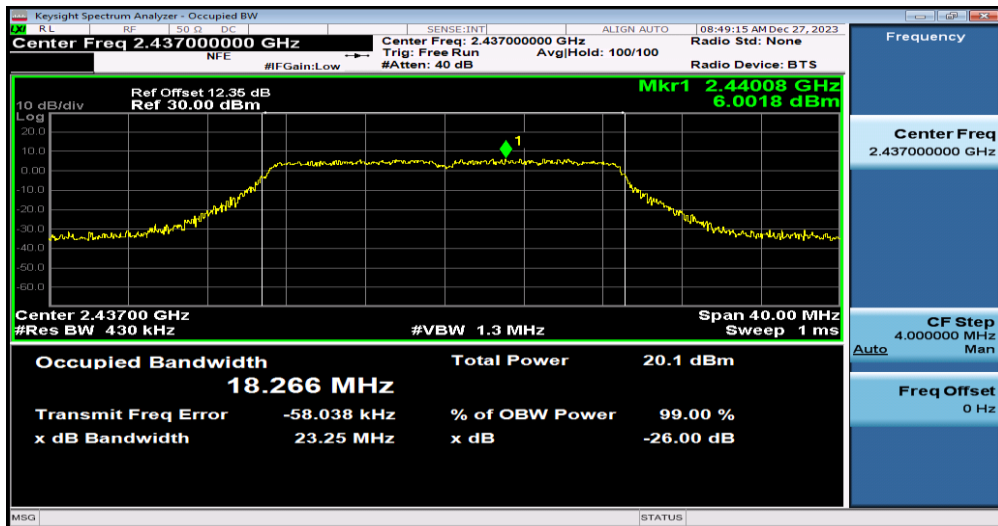
11G-Ant1-2437



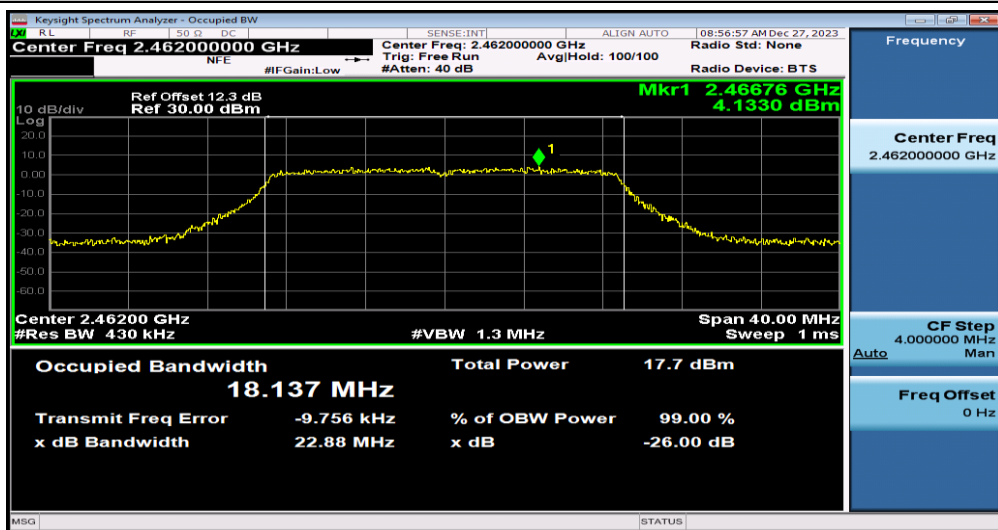
11G-Ant1-2462



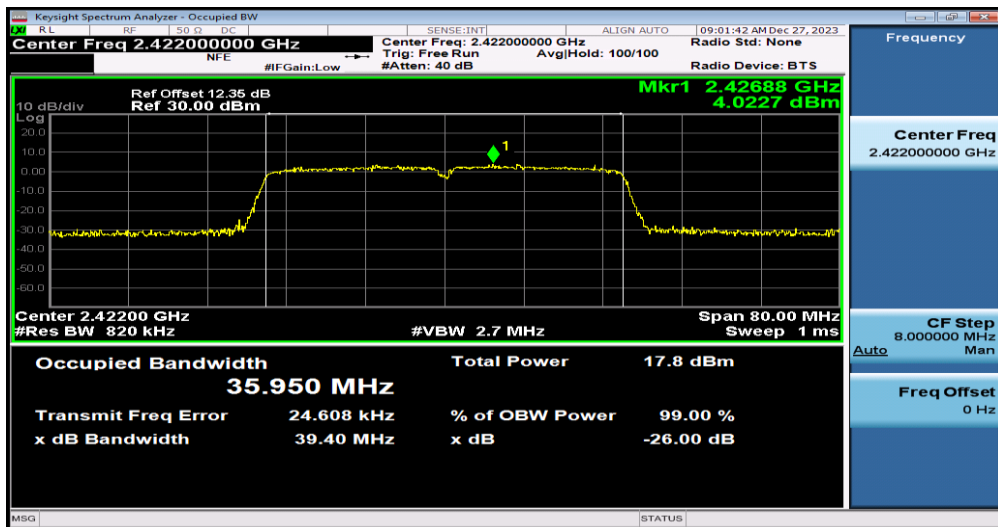
11N20SISO-Ant1-2412



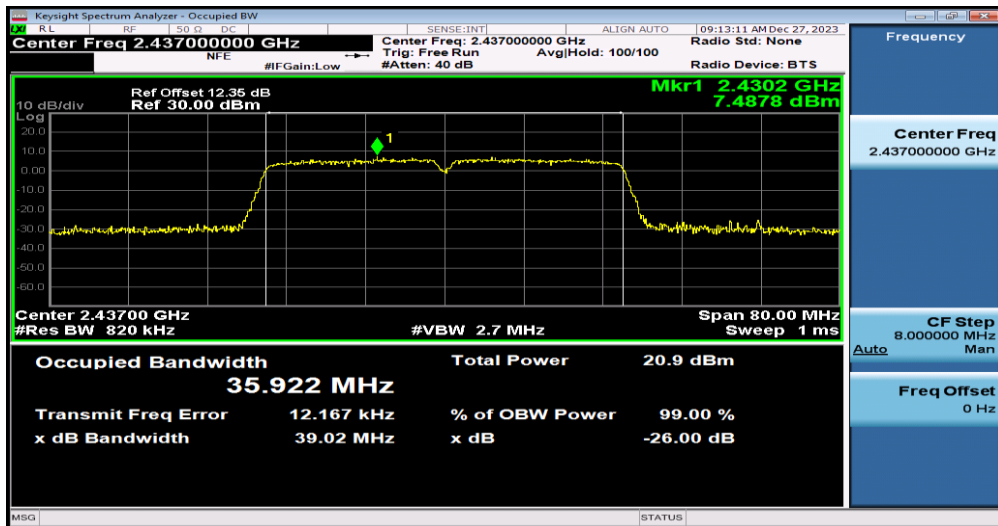
11N20SISO-Ant1-2437



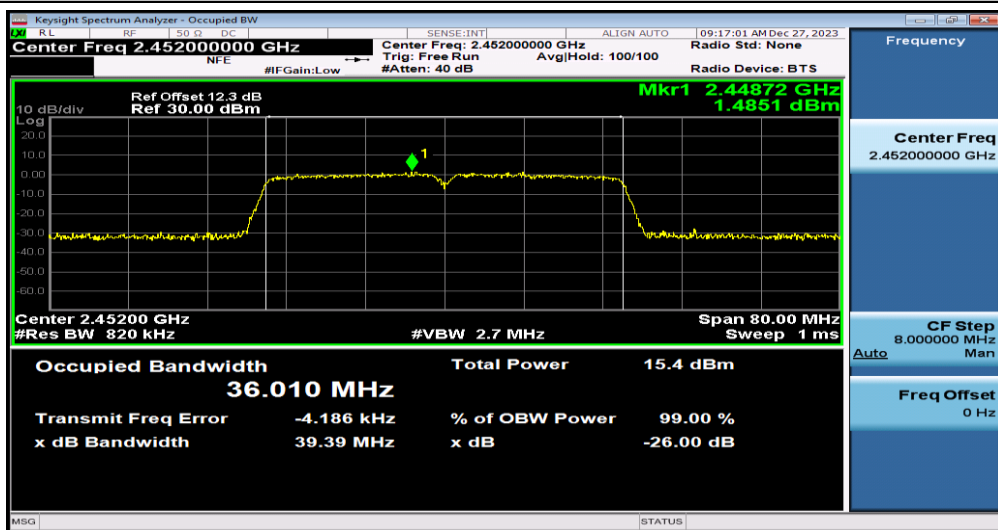
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



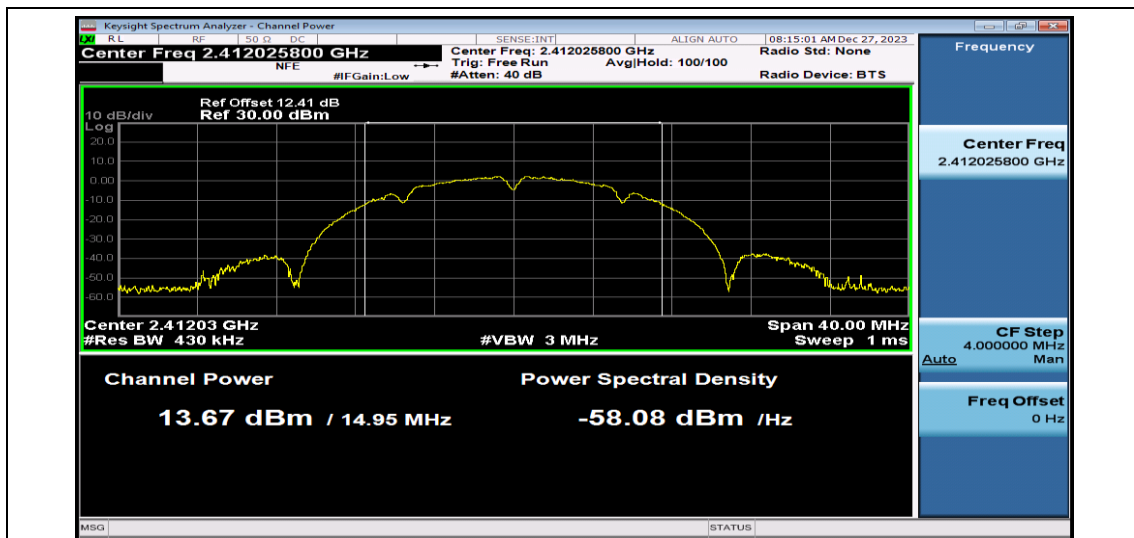
11N40SISO-Ant1-2452

Appendix B: Maximum conducted output power

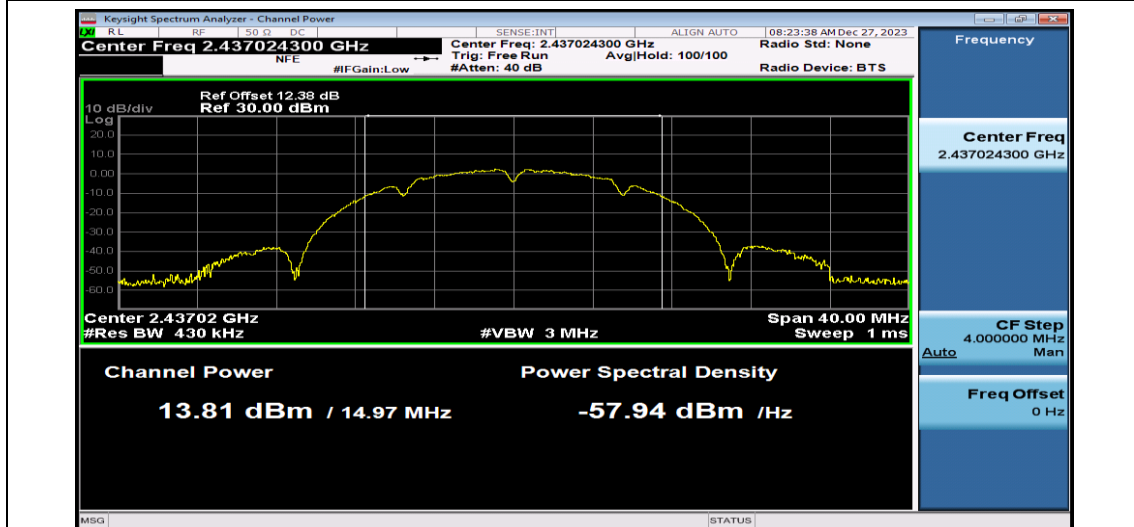
Test Result Average

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	13.61	98.65	0.06	13.67	≤30.00	2.32	15.99	≤36.00	PASS
11B	Ant1	2437	13.78	99.36	0.03	13.81	≤30.00	2.32	16.13	≤36.00	PASS
11B	Ant1	2462	13.34	100.00	0.00	13.34	≤30.00	2.32	15.66	≤36.00	PASS
11G	Ant1	2412	12.52	94.52	0.24	12.76	≤30.00	2.32	15.08	≤36.00	PASS
11G	Ant1	2437	12.46	93.67	0.28	12.74	≤30.00	2.32	15.06	≤36.00	PASS
11G	Ant1	2462	10.98	94.50	0.25	11.23	≤30.00	2.32	13.55	≤36.00	PASS
11N20SISO	Ant1	2412	11.19	88.07	0.55	11.74	≤30.00	2.32	14.06	≤36.00	PASS
11N20SISO	Ant1	2437	11.20	93.20	0.31	11.51	≤30.00	2.32	13.83	≤36.00	PASS
11N20SISO	Ant1	2462	11.26	94.58	0.24	11.50	≤30.00	2.32	13.82	≤36.00	PASS
11N40SISO	Ant1	2422	10.04	84.68	0.72	10.76	≤30.00	2.32	13.08	≤36.00	PASS
11N40SISO	Ant1	2437	10.31	84.82	0.72	11.03	≤30.00	2.32	13.35	≤36.00	PASS
11N40SISO	Ant1	2452	9.34	87.85	0.56	9.90	≤30.00	2.32	12.22	≤36.00	PASS

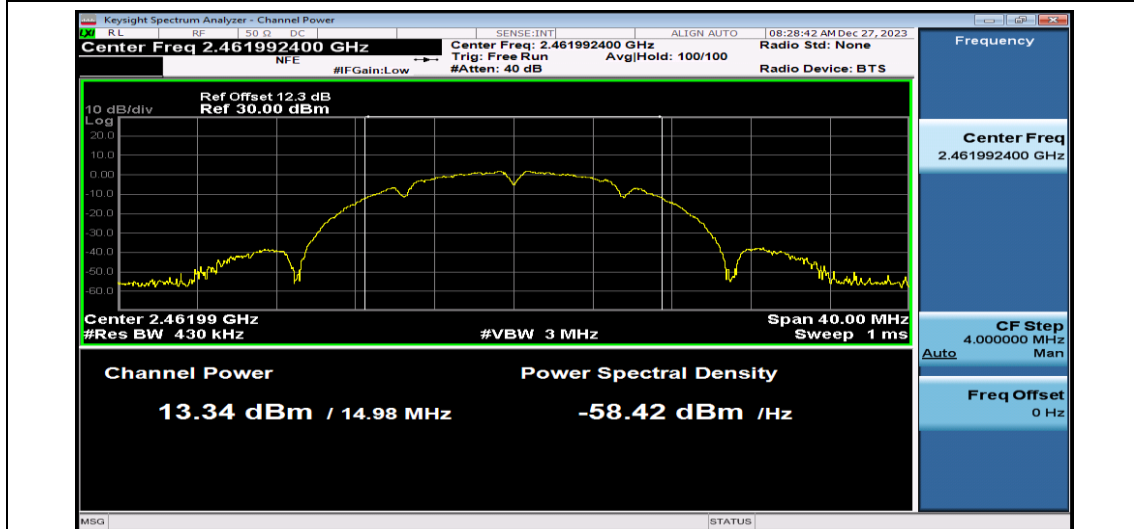
Test Graphs Average



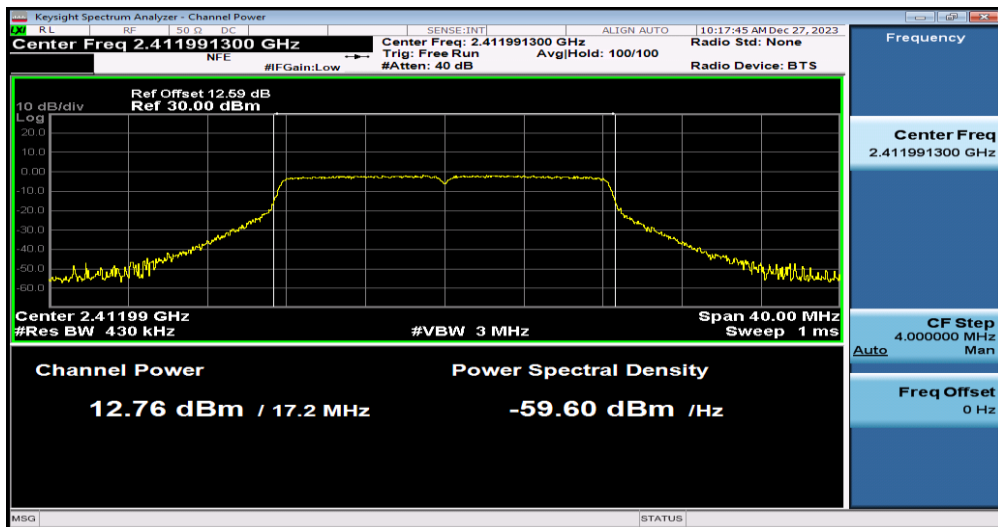
11B-Ant1-2412



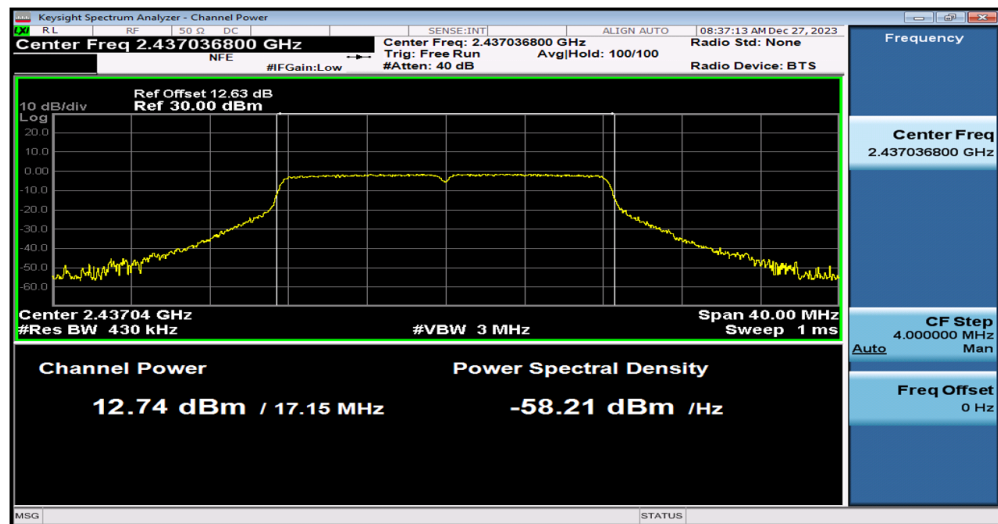
11B-Ant1-2437



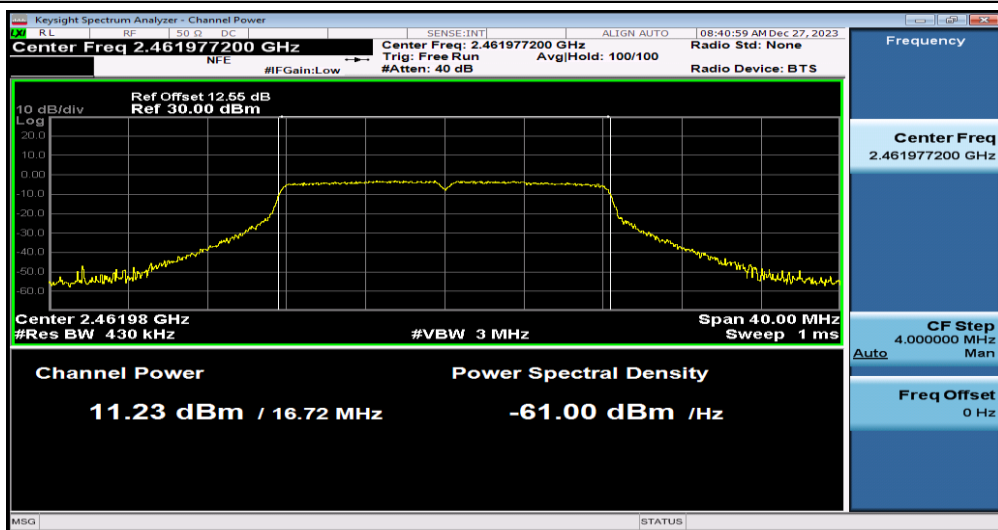
11B-Ant1-2462



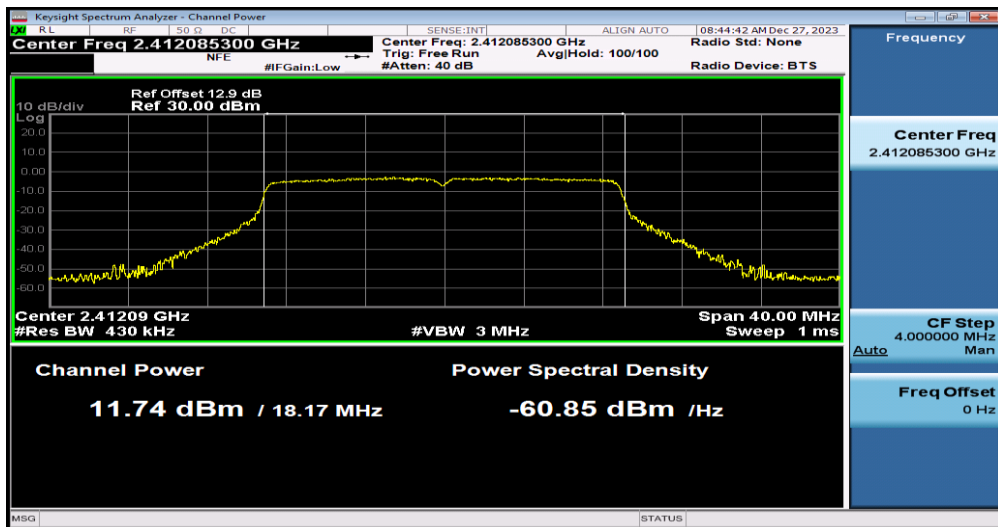
11G-Ant1-2412



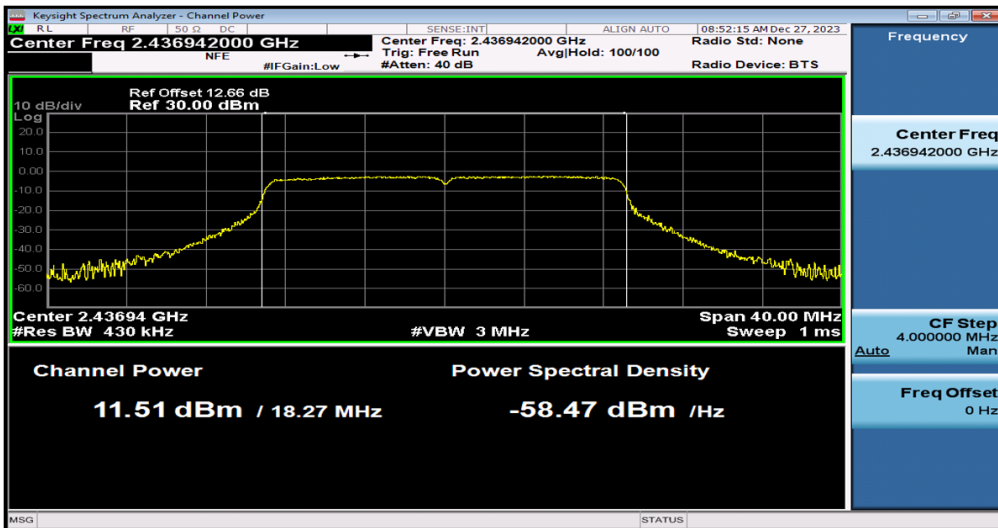
11G-Ant1-2437



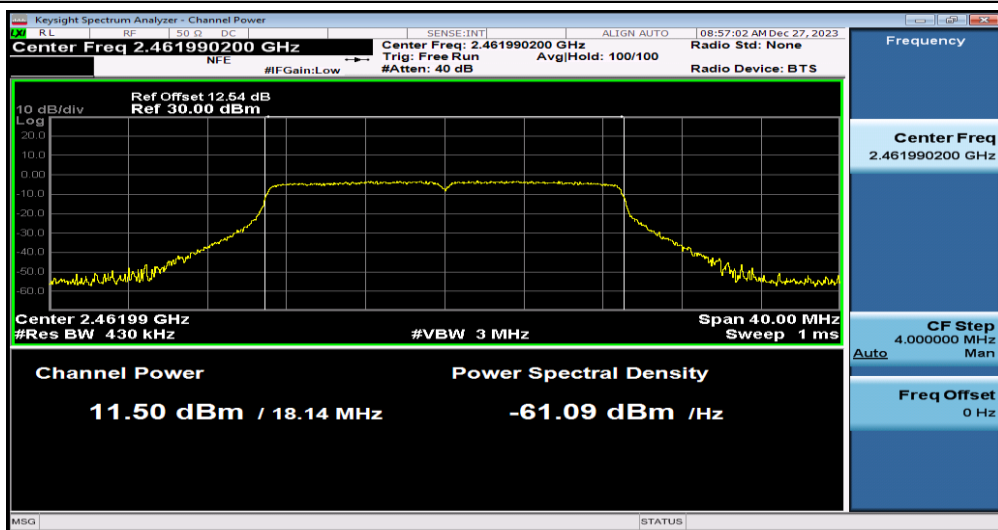
11G-Ant1-2462



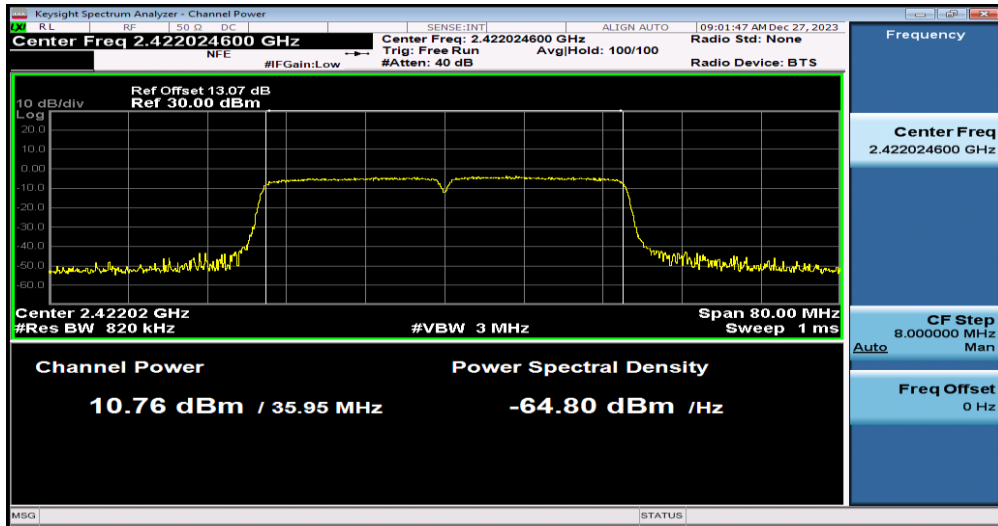
11N20SISO-Ant1-2412



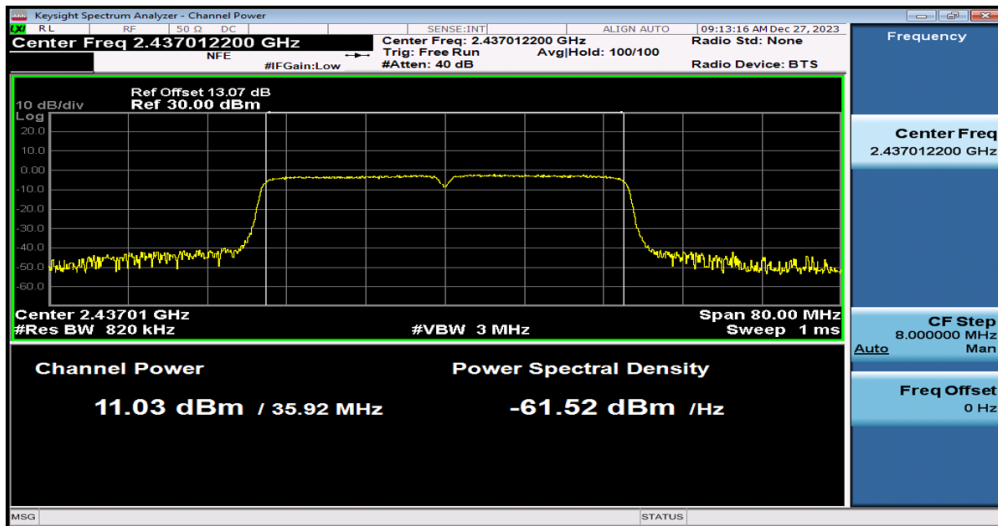
11N20SISO-Ant1-2437



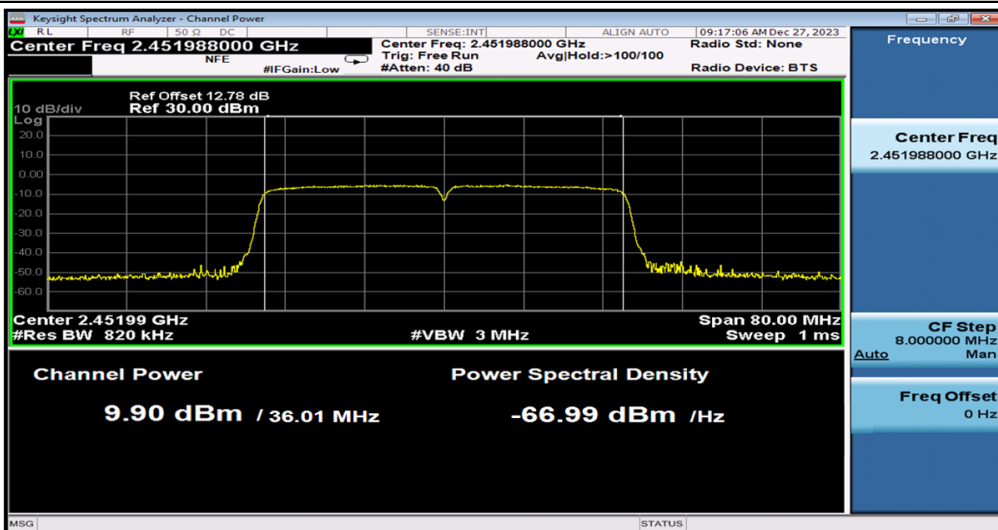
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



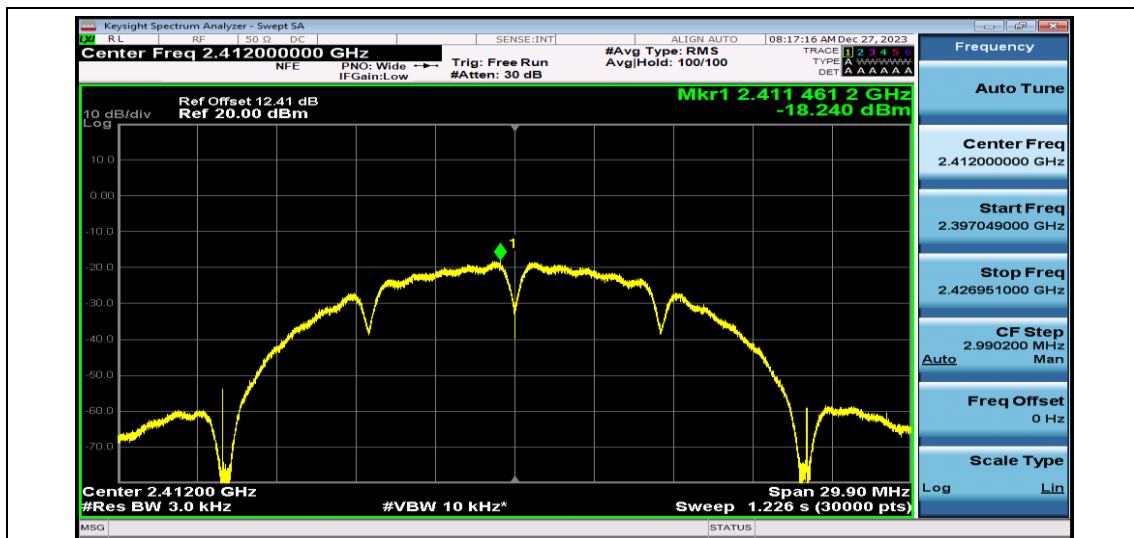
11N40SISO-Ant1-2452

Appendix B: Maximum power spectral density

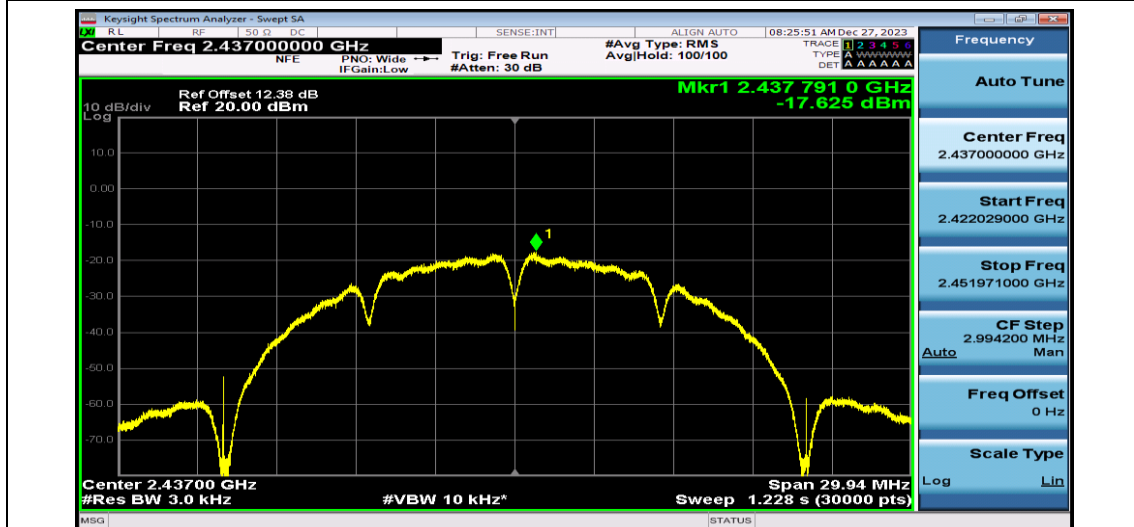
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.24	≤8.00	PASS
11B	Ant1	2437	-17.63	≤8.00	PASS
11B	Ant1	2462	-18.13	≤8.00	PASS
11G	Ant1	2412	-17.32	≤8.00	PASS
11G	Ant1	2437	-17.75	≤8.00	PASS
11G	Ant1	2462	-20.00	≤8.00	PASS
11N20SISO	Ant1	2412	-23.59	≤8.00	PASS
11N20SISO	Ant1	2437	-16.88	≤8.00	PASS
11N20SISO	Ant1	2462	-20.04	≤8.00	PASS
11N40SISO	Ant1	2422	-20.93	≤8.00	PASS
11N40SISO	Ant1	2437	-17.91	≤8.00	PASS
11N40SISO	Ant1	2452	-20.90	≤8.00	PASS

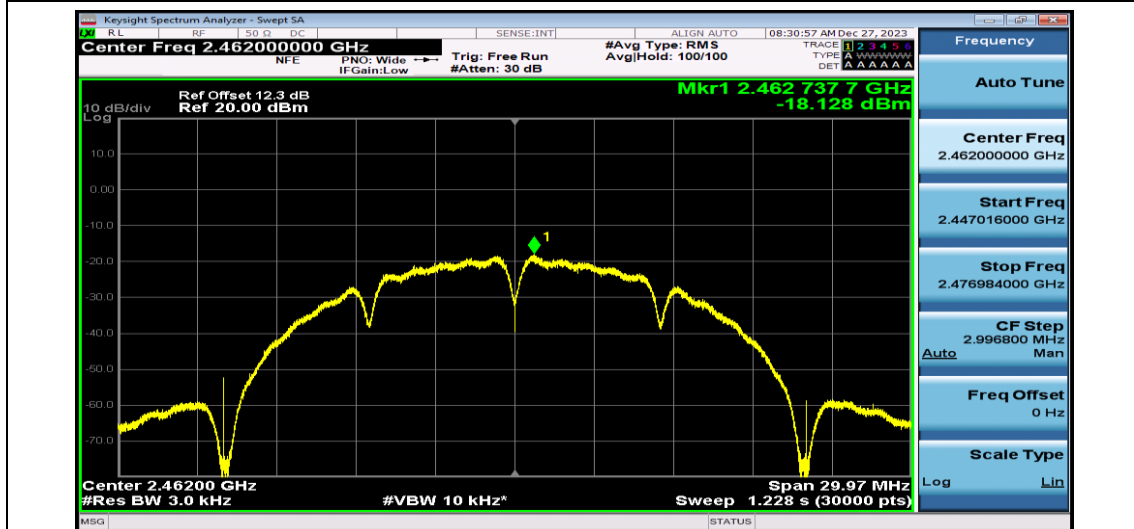
Test Graphs



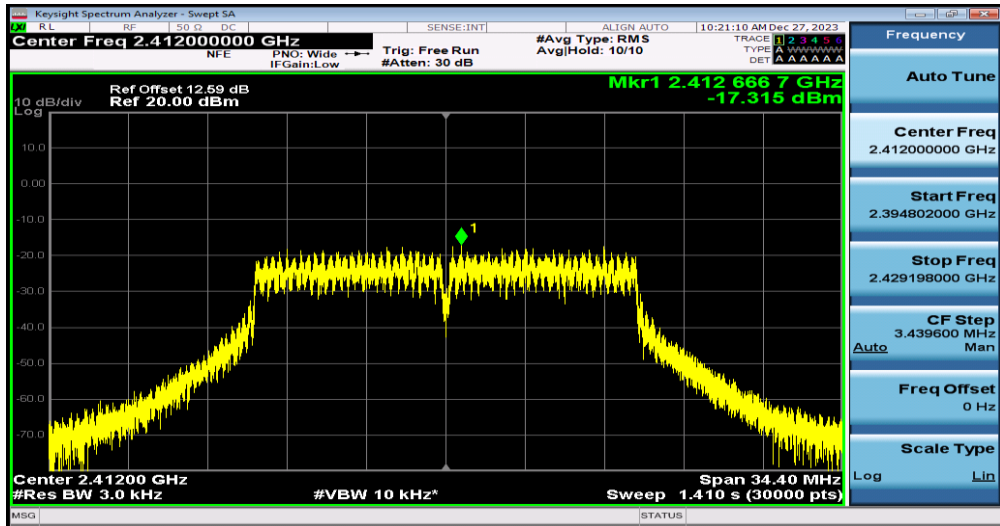
11B-Ant1-2412



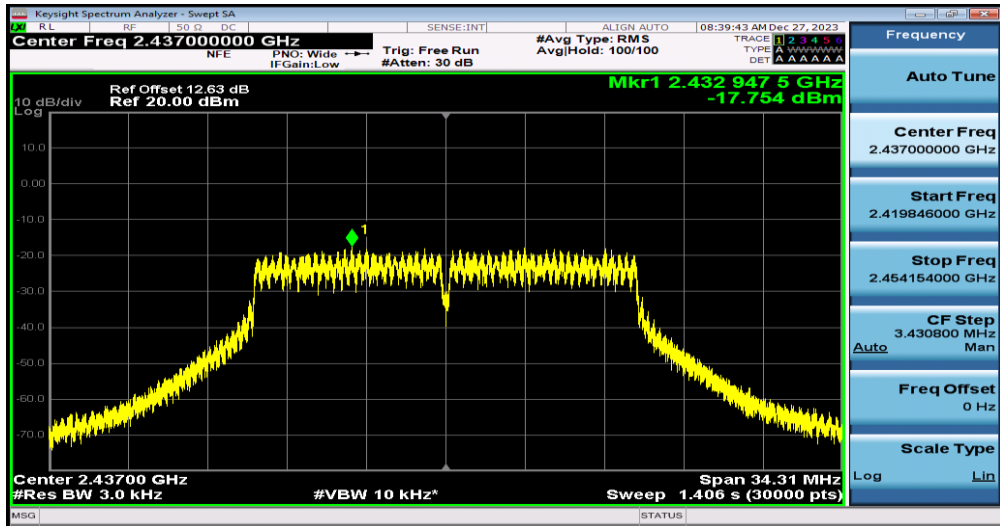
11B-Ant1-2437



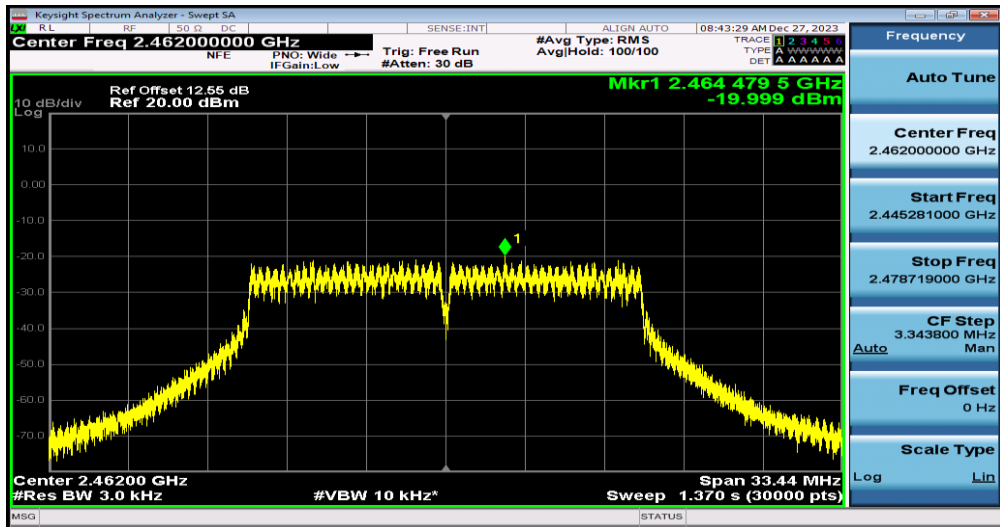
11B-Ant1-2462



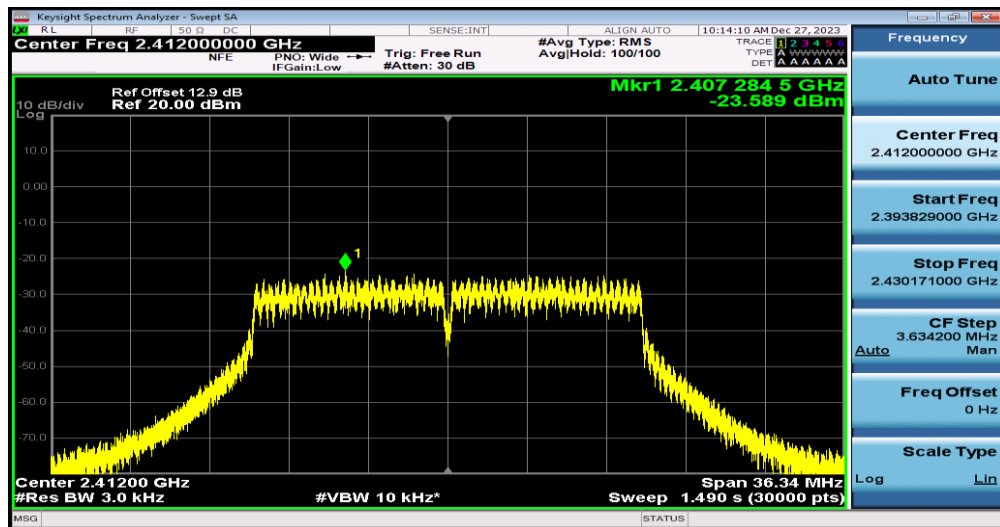
11G-Ant1-2412



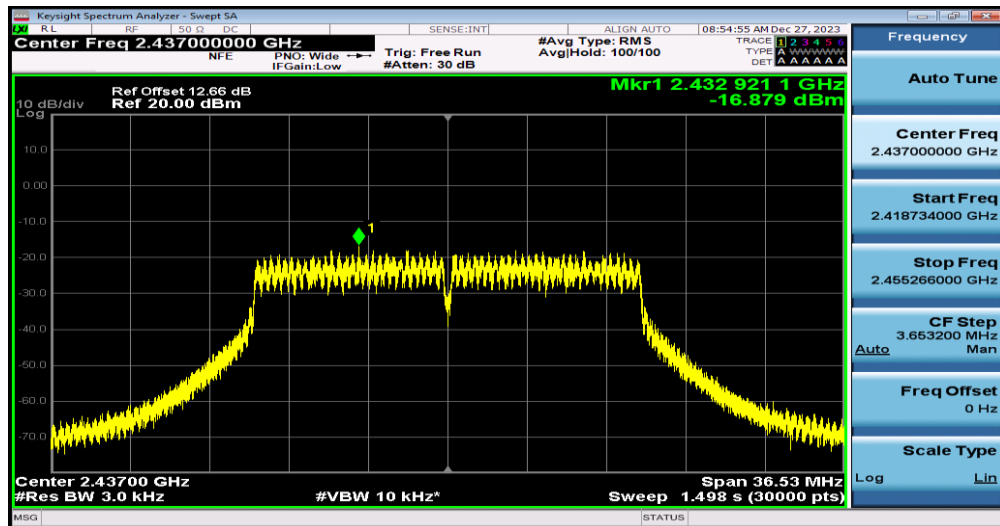
11G-Ant1-2437



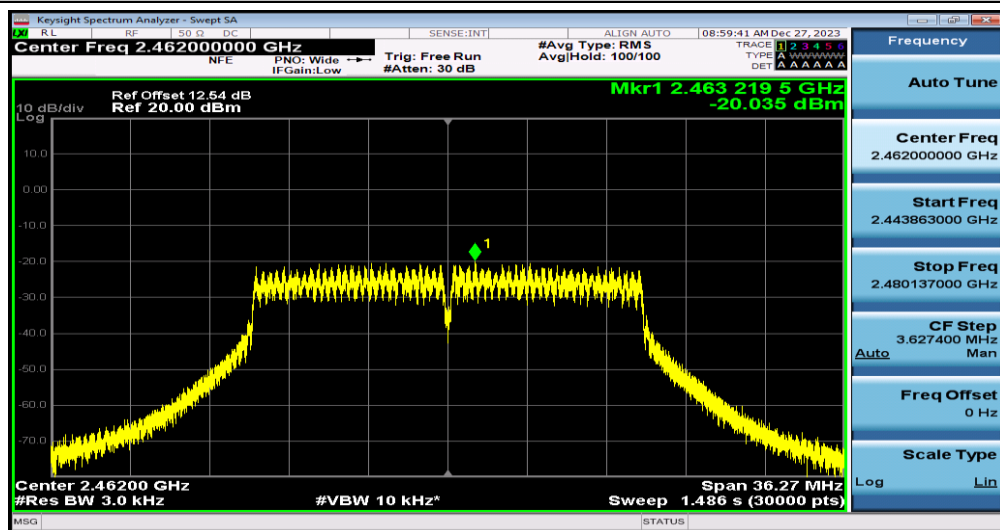
11G-Ant1-2462



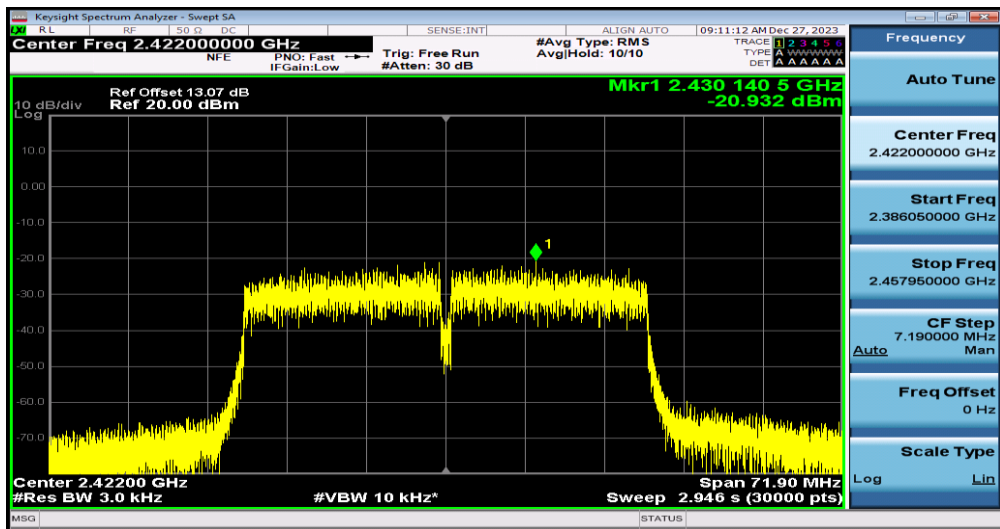
11N20SISO-Ant1-2412



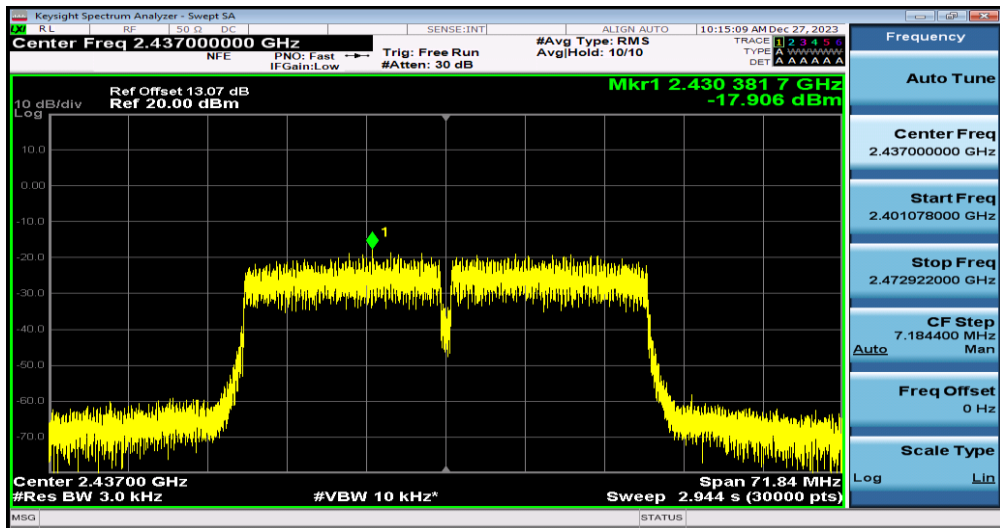
11N20SISO-Ant1-2437



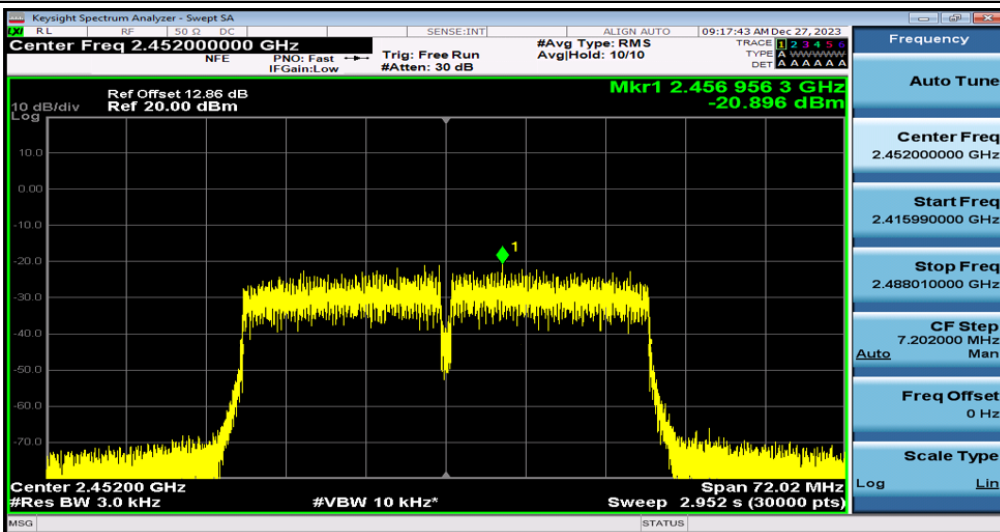
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



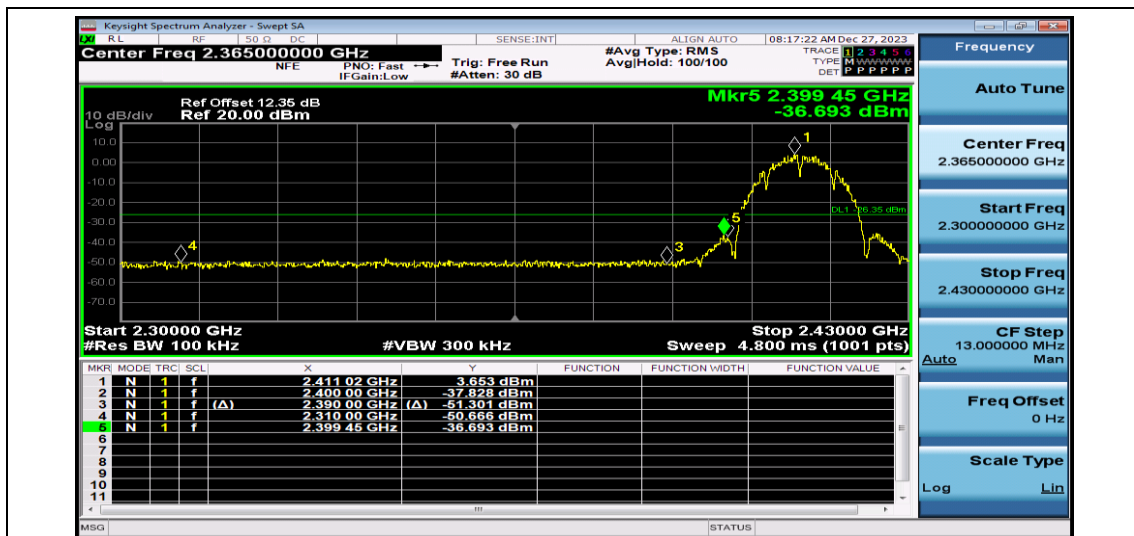
11N40SISO-Ant1-2452

Appendix B: Band edge measurements

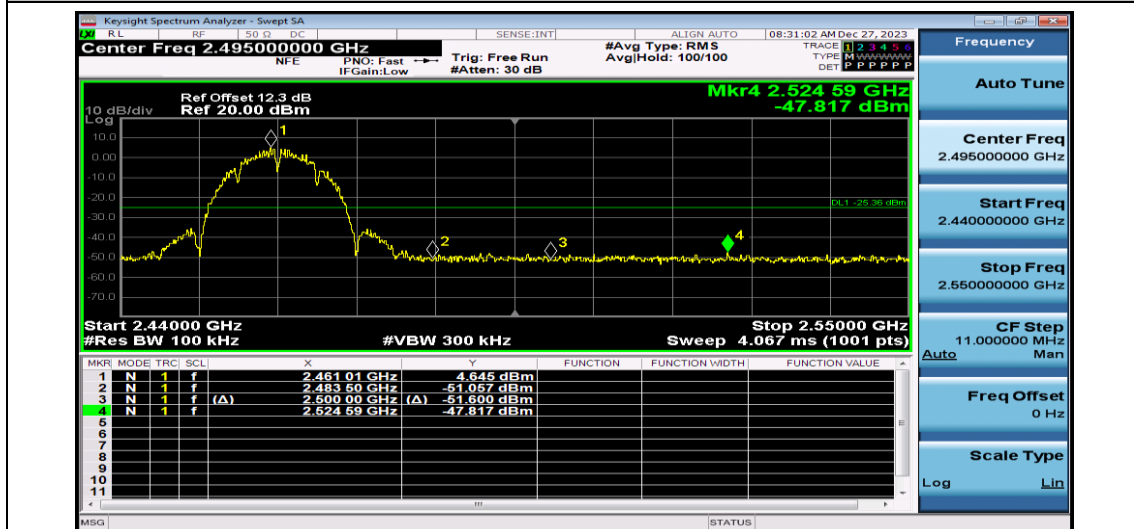
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.65	-36.69	≤-26.35	PASS
11B	Ant1	High	2462	4.65	-47.82	≤-25.36	PASS
11G	Ant1	Low	2412	1.32	-33.89	≤-28.68	PASS
11G	Ant1	High	2462	-0.96	-47.99	≤-30.96	PASS
11N20SISO	Ant1	Low	2412	0.82	-34.97	≤-29.18	PASS
11N20SISO	Ant1	High	2462	0.13	-47.29	≤-29.88	PASS
11N40SISO	Ant1	Low	2422	-3.33	-43.49	≤-33.33	PASS
11N40SISO	Ant1	High	2452	-5.95	-47.7	≤-35.95	PASS

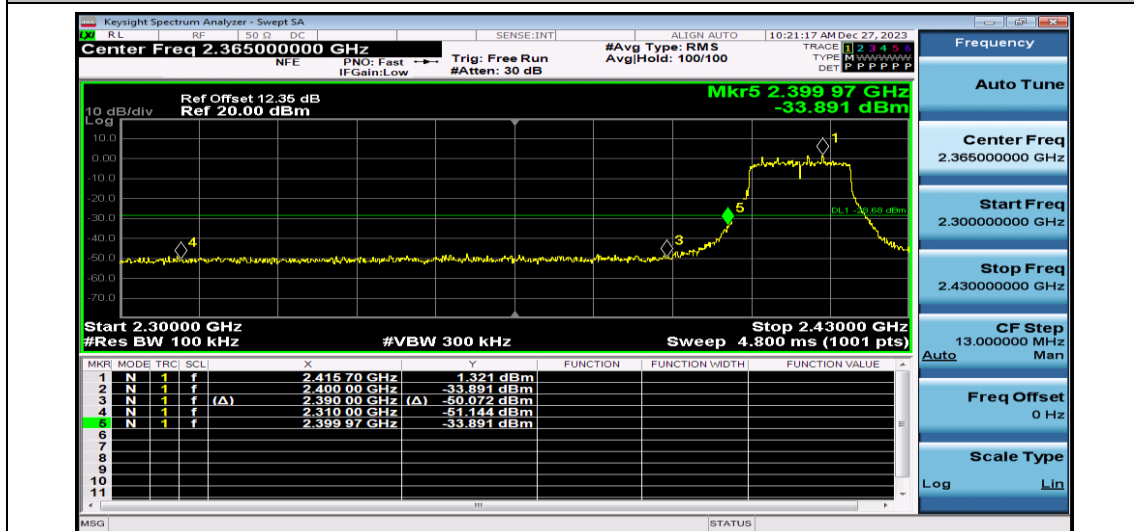
Test Graphs



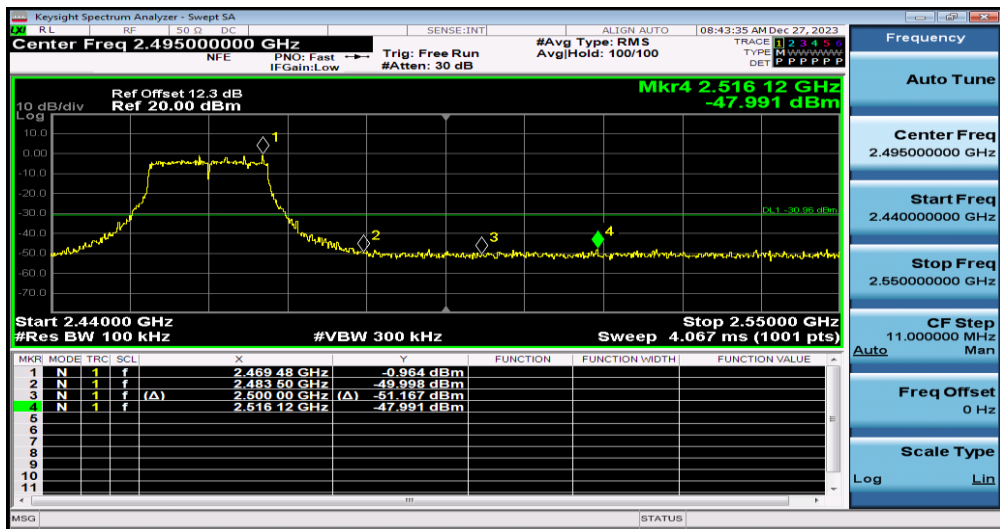
11B-Ant1-2412



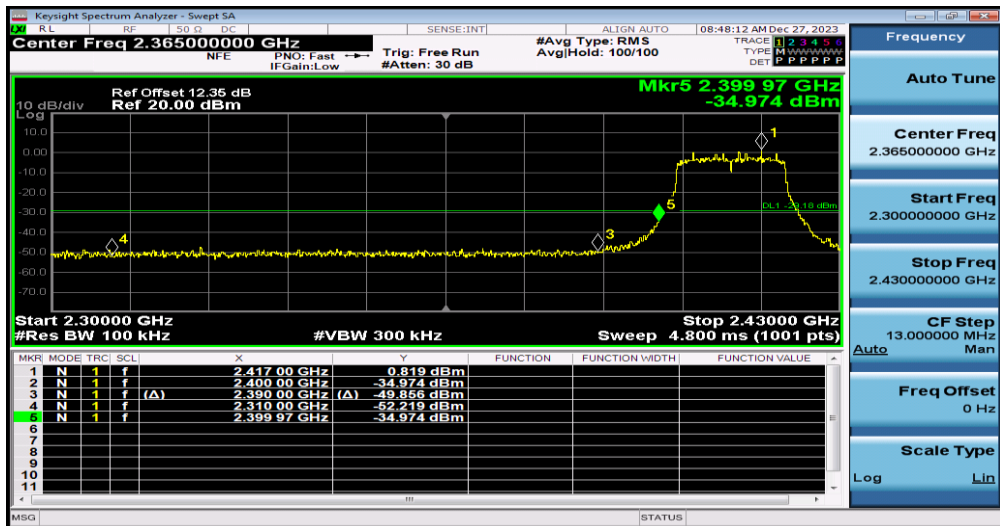
11B-Ant1-2462



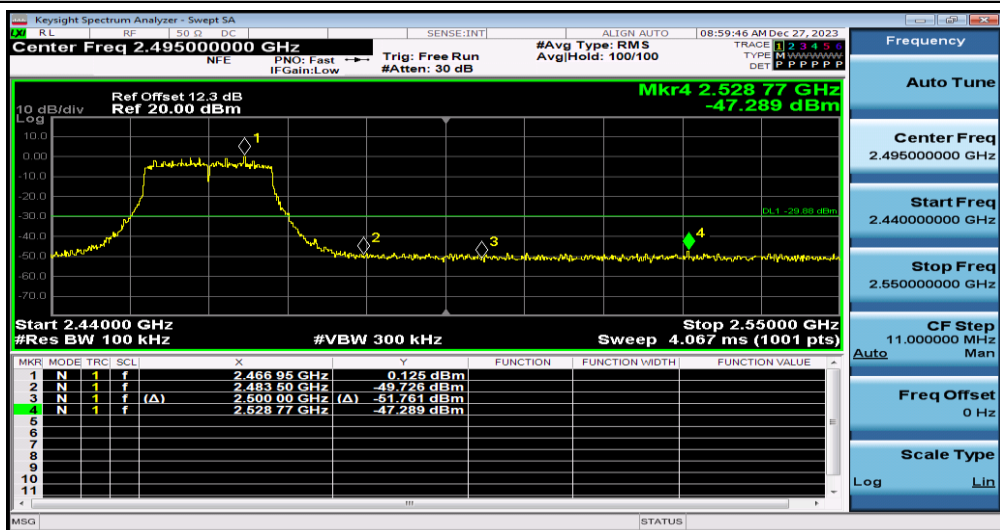
11G-Ant1-2412



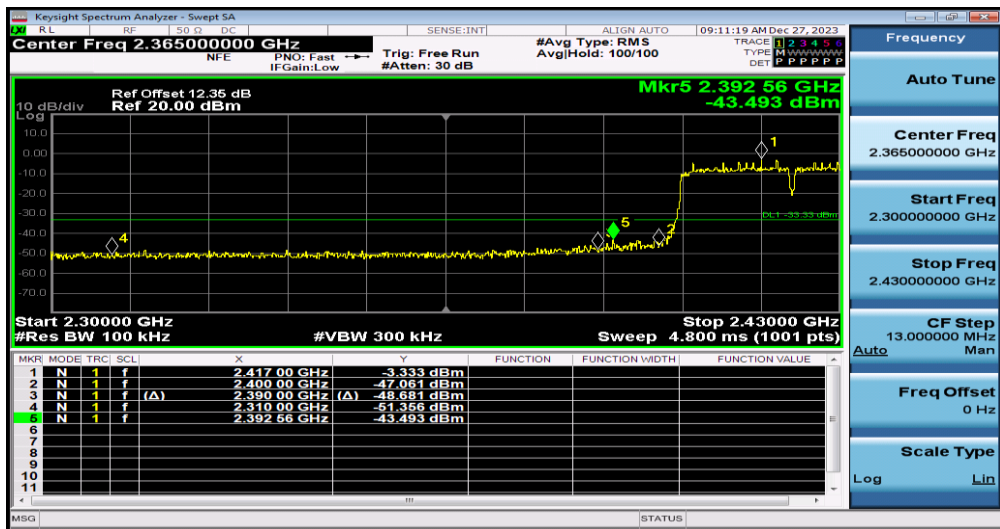
11G-Ant1-2462



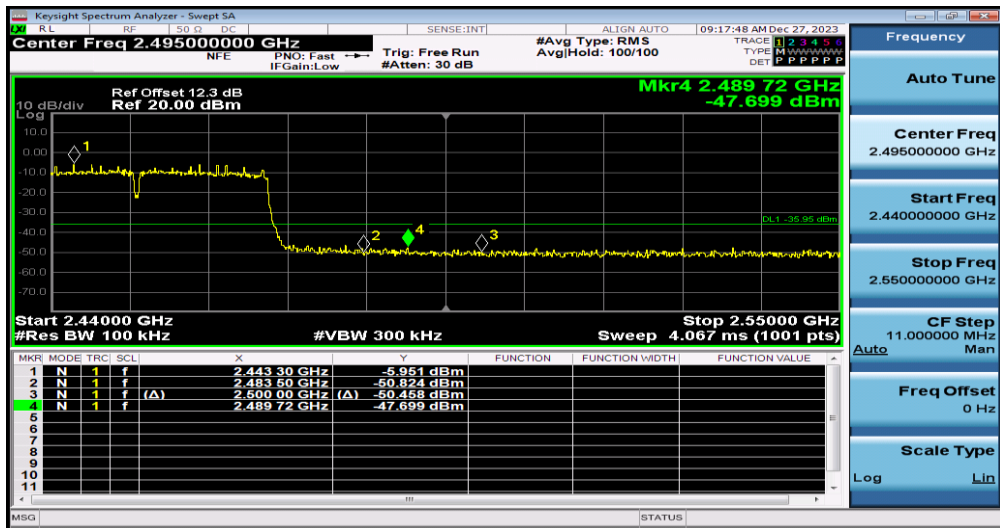
11N20SISO-Ant1-2412



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2452

Appendix B: Conducted Spurious Emission

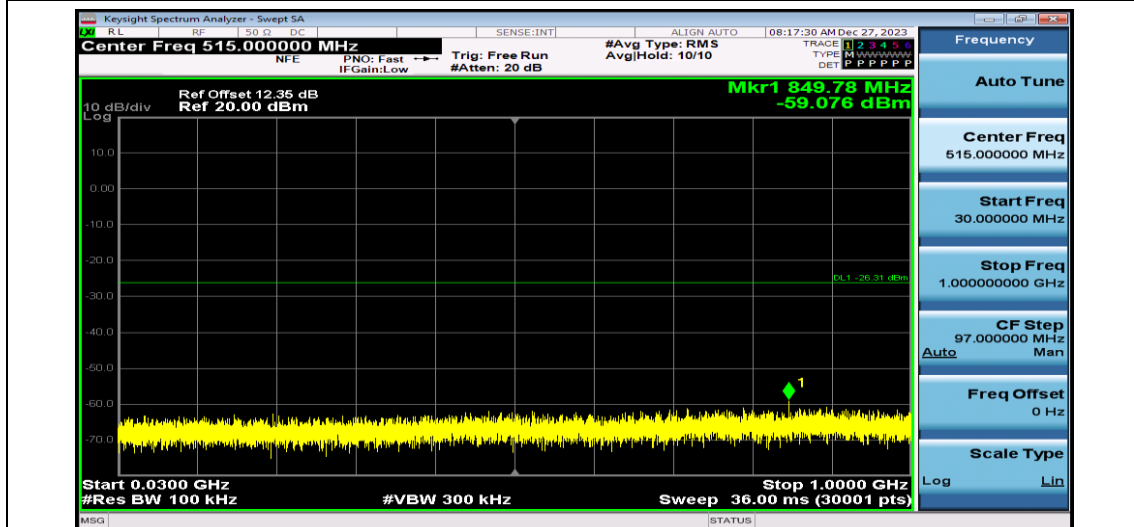
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.69	3.69	---	PASS
11B	Ant1	2412	30~1000	3.69	-59.08	≤-26.31	PASS
11B	Ant1	2412	1000~26500	3.69	-51.37	≤-26.31	PASS
11B	Ant1	2437	0~Reference	4.81	4.81	---	PASS
11B	Ant1	2437	30~1000	4.81	-60.11	≤-25.19	PASS
11B	Ant1	2437	1000~26500	4.81	-51.18	≤-25.19	PASS
11B	Ant1	2462	0~Reference	4.69	4.69	---	PASS
11B	Ant1	2462	30~1000	4.69	-60.34	≤-25.31	PASS
11B	Ant1	2462	1000~26500	4.69	-51.59	≤-25.31	PASS
11G	Ant1	2412	0~Reference	1.35	1.35	---	PASS
11G	Ant1	2412	30~1000	1.35	-60.47	≤-28.65	PASS
11G	Ant1	2412	1000~26500	1.35	-51.57	≤-28.65	PASS
11G	Ant1	2437	0~Reference	2.29	2.29	---	PASS
11G	Ant1	2437	30~1000	2.29	-59.56	≤-27.71	PASS
11G	Ant1	2437	1000~26500	2.29	-51.97	≤-27.71	PASS
11G	Ant1	2462	0~Reference	-1.39	-1.39	---	PASS
11G	Ant1	2462	30~1000	-1.39	-60.83	≤-31.39	PASS
11G	Ant1	2462	1000~26500	-1.39	-51.81	≤-31.39	PASS
11N20SISO	Ant1	2412	0~Reference	0.33	0.33	---	PASS
11N20SISO	Ant1	2412	30~1000	0.33	-60.79	≤-29.67	PASS
11N20SISO	Ant1	2412	1000~26500	0.33	-51.26	≤-29.67	PASS
11N20SISO	Ant1	2437	0~Reference	2.48	2.48	---	PASS
11N20SISO	Ant1	2437	30~1000	2.48	-59.46	≤-27.52	PASS
11N20SISO	Ant1	2437	1000~26500	2.48	-51.02	≤-27.52	PASS
11N20SISO	Ant1	2462	0~Reference	0.42	0.42	---	PASS
11N20SISO	Ant1	2462	30~1000	0.42	-59.99	≤-29.58	PASS
11N20SISO	Ant1	2462	1000~26500	0.42	-51.56	≤-29.58	PASS
11N40SISO	Ant1	2422	0~Reference	-3.39	-3.39	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.39	-58.64	≤-33.39	PASS
11N40SISO	Ant1	2422	1000~26500	-3.39	-50.85	≤-33.39	PASS
11N40SISO	Ant1	2437	0~Reference	0.23	0.23	---	PASS
11N40SISO	Ant1	2437	30~1000	0.23	-54.59	≤-29.77	PASS
11N40SISO	Ant1	2437	1000~26500	0.23	-51.4	≤-29.77	PASS
11N40SISO	Ant1	2452	0~Reference	-5.66	-5.66	---	PASS
11N40SISO	Ant1	2452	30~1000	-5.66	-59.66	≤-35.66	PASS
11N40SISO	Ant1	2452	1000~26500	-5.66	-51.31	≤-35.66	PASS

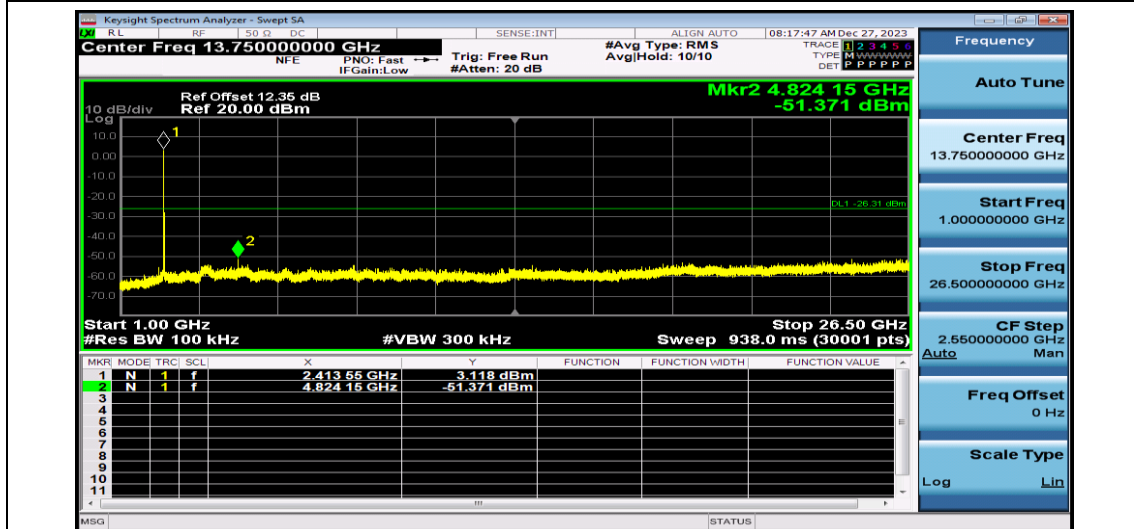
Test Graphs



11B-Ant1-2412-0~Reference



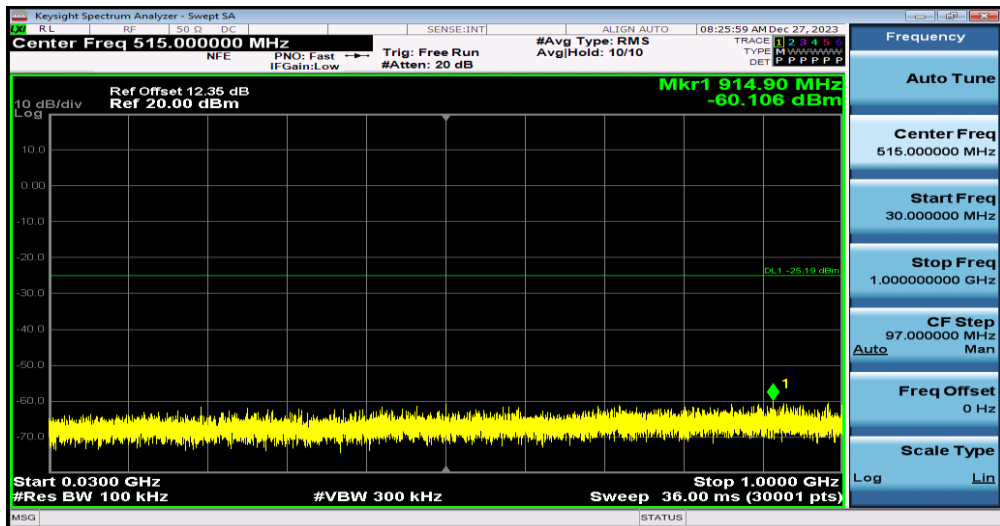
11B-Ant1-2412-30~1000



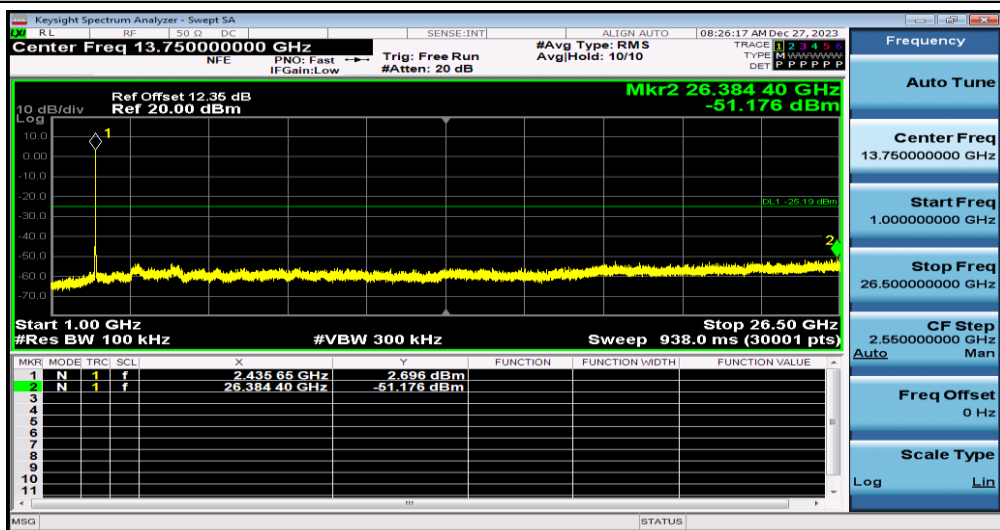
11B-Ant1-2412-1000~26500



11B-Ant1-2437-0~Reference



11B-Ant1-2437-30~1000



11B-Ant1-2437-1000~26500