

11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



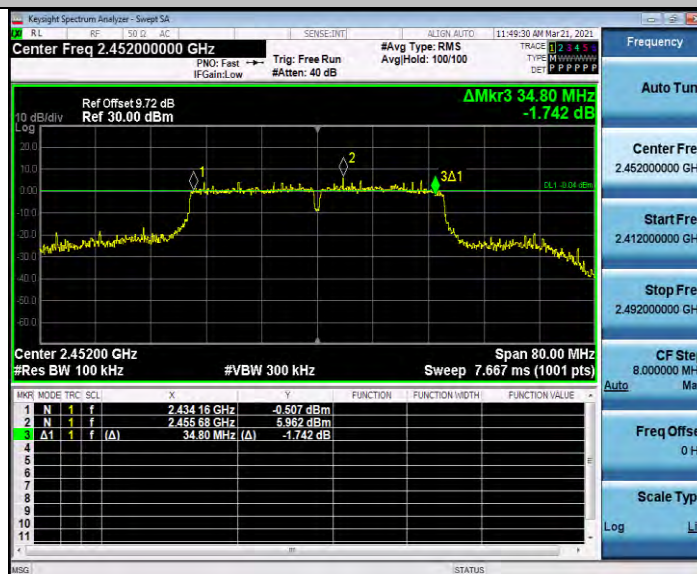
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.094	2404.970	2419.064	---	PASS
		2437	13.994	2429.993	2443.987	---	PASS
		2462	13.727	2455.220	2468.947	---	PASS
11G	Ant1	2412	17.213	2403.396	2420.609	---	PASS
		2437	17.394	2428.328	2445.722	---	PASS
		2462	16.968	2453.519	2470.487	---	PASS
11N20SISO	Ant1	2412	18.386	2402.882	2421.268	---	PASS
		2437	18.386	2427.882	2446.268	---	PASS
		2462	18.109	2453.001	2471.110	---	PASS
11N40SISO	Ant1	2422	36.427	2403.889	2440.316	---	PASS
		2437	36.202	2418.941	2455.143	---	PASS
		2452	36.592	2433.604	2470.196	---	PASS

Test Graphs

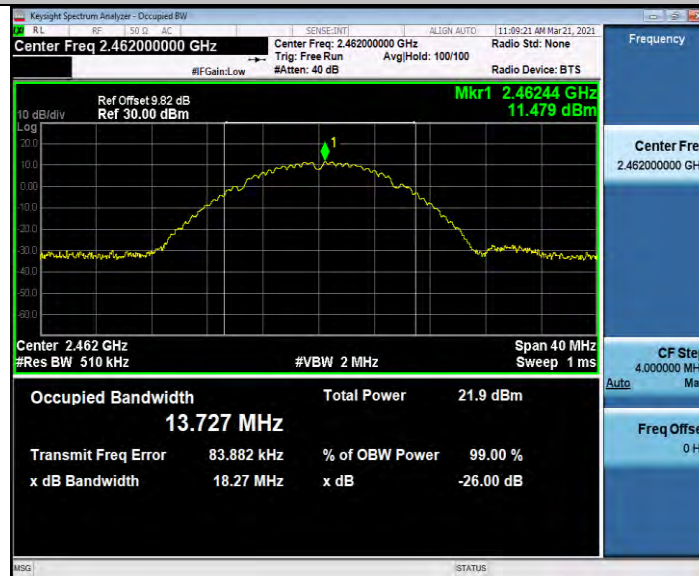
11B_Ant1_2412



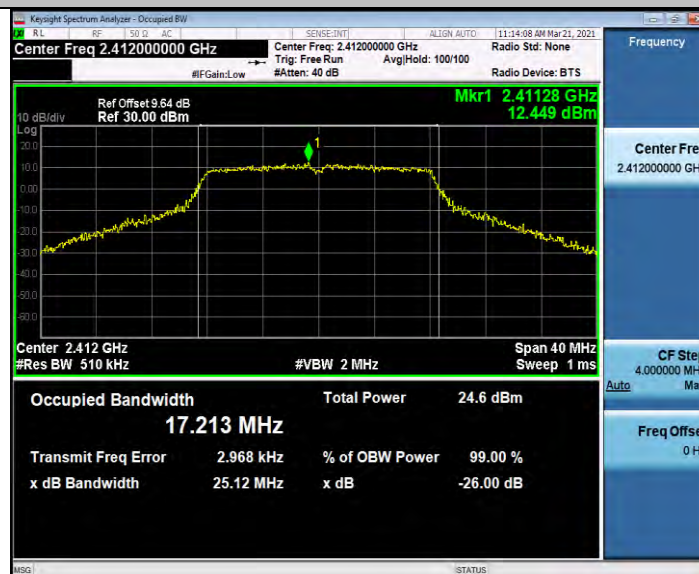
11B_Ant1_2437



11B_Ant1_2462



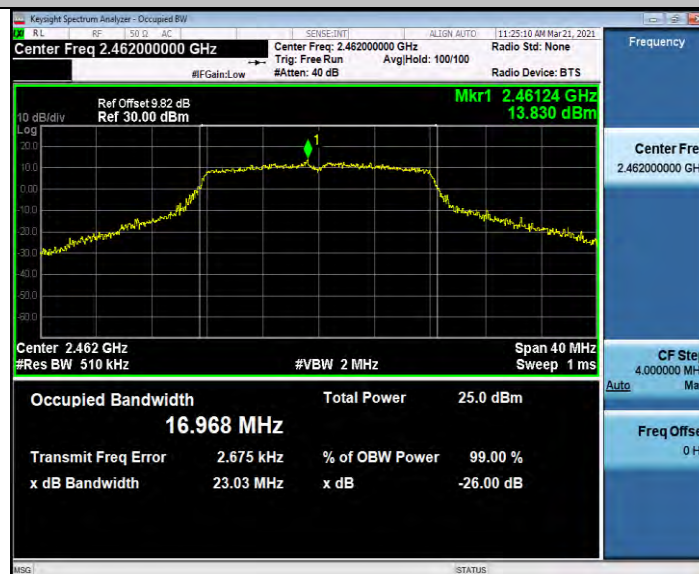
11G_Ant1_2412



11G_Ant1_2437



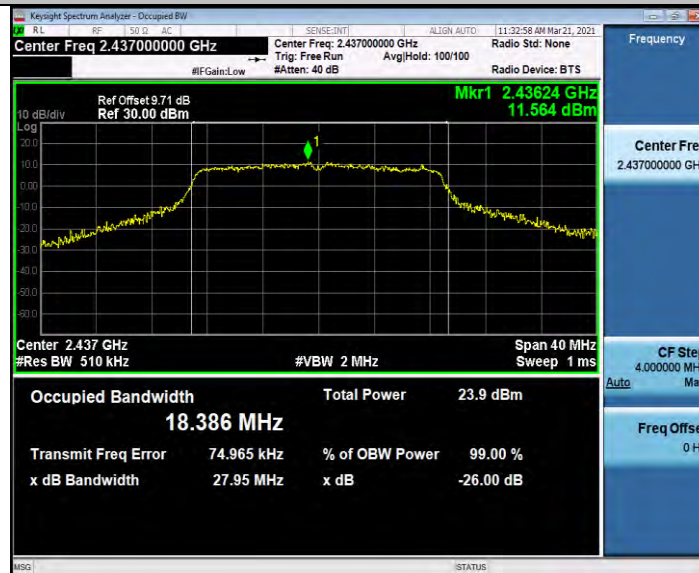
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



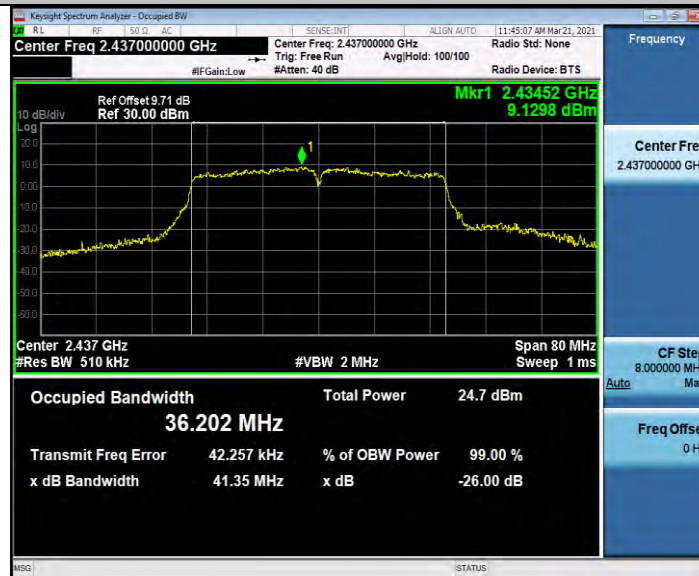
11N20SISO_Ant1_2462



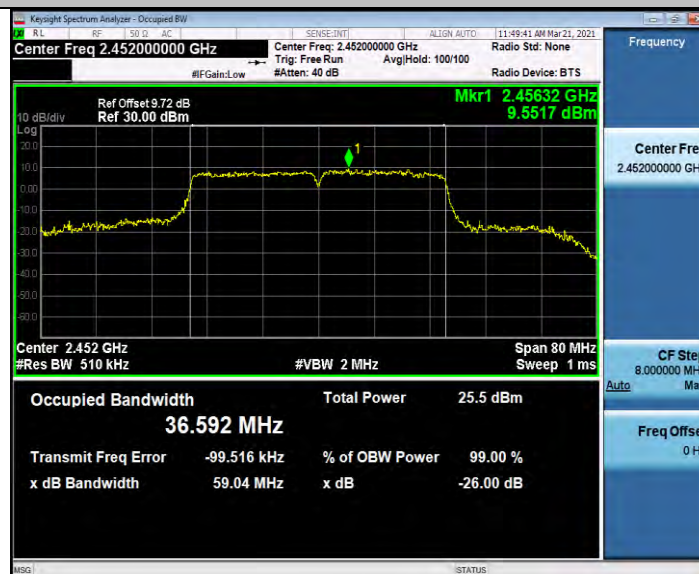
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.51	14.91	<=30	PASS
		2437	14.19	15.59	<=30	PASS
		2462	15.43	16.83	<=30	PASS
11G	Ant1	2412	14.23	15.63	<=30	PASS
		2437	14.04	15.44	<=30	PASS
		2462	14.79	16.19	<=30	PASS
11N20SISO	Ant1	2412	14.03	15.43	<=30	PASS
		2437	13.83	15.23	<=30	PASS
		2462	14.53	15.93	<=30	PASS
11N40SISO	Ant1	2422	15.98	17.38	<=30	PASS
		2437	15.49	16.89	<=30	PASS
		2452	15.29	16.69	<=30	PASS

Test Graphs

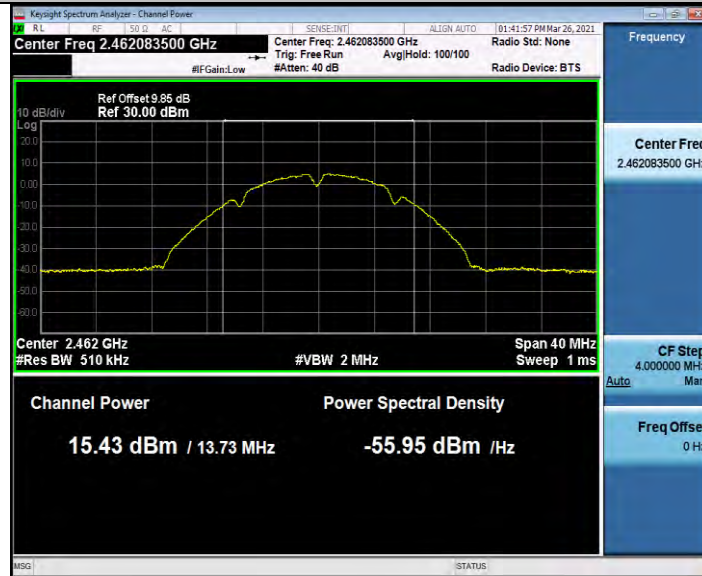
11B_Ant1_2412



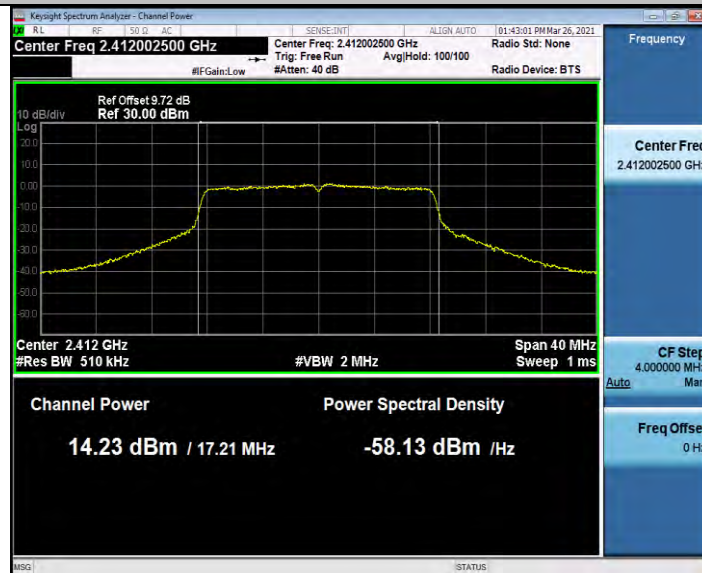
11B_Ant1_2437



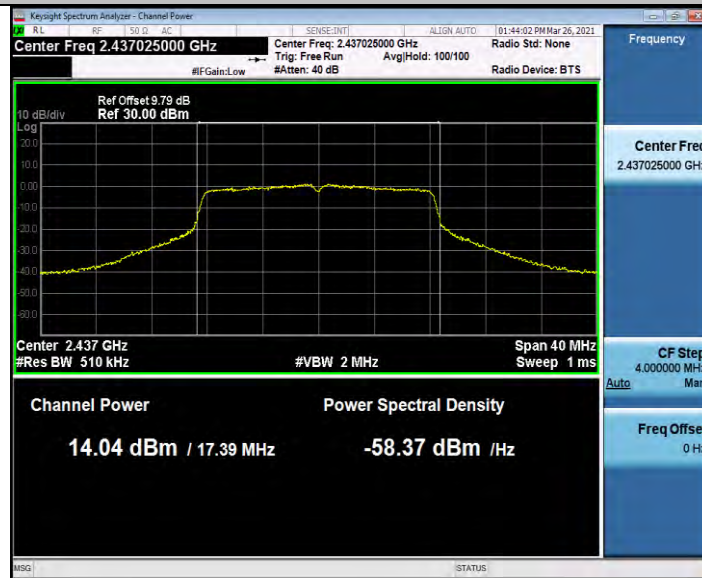
11B_Ant1_2462



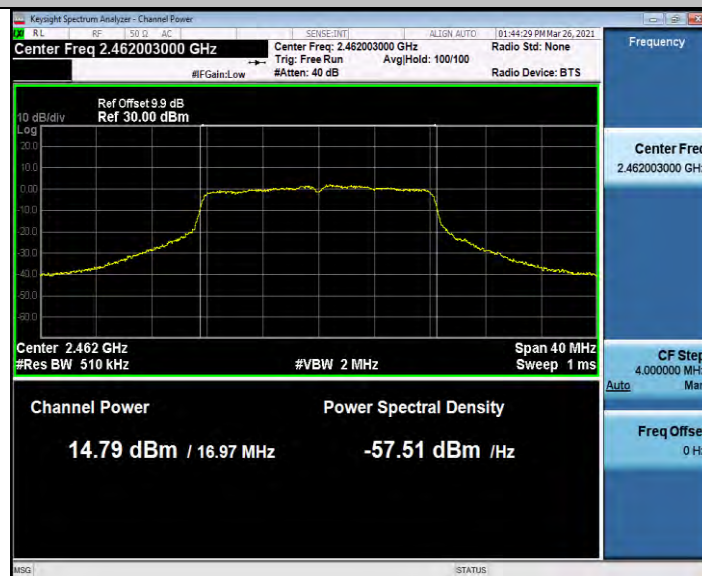
11G_Ant1_2412



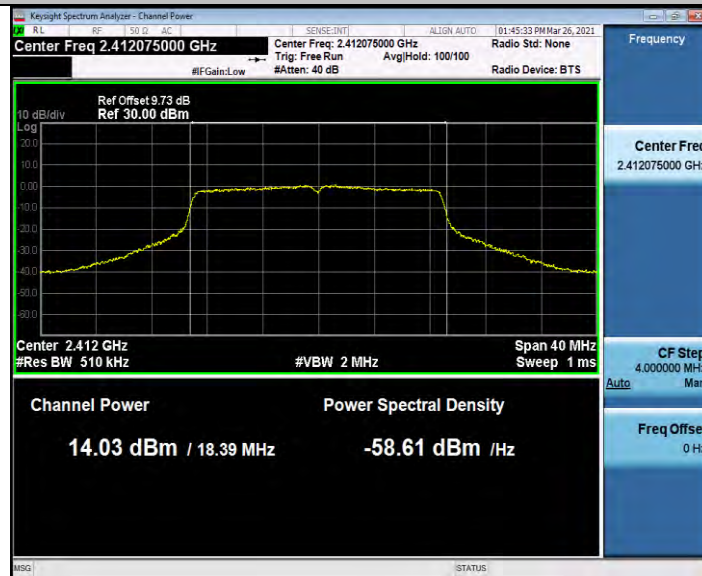
11G_Ant1_2437



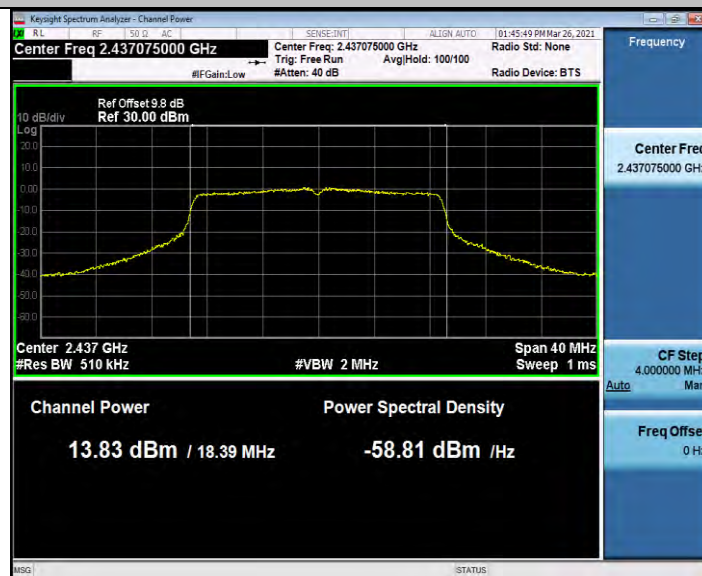
11G_Ant1_2462



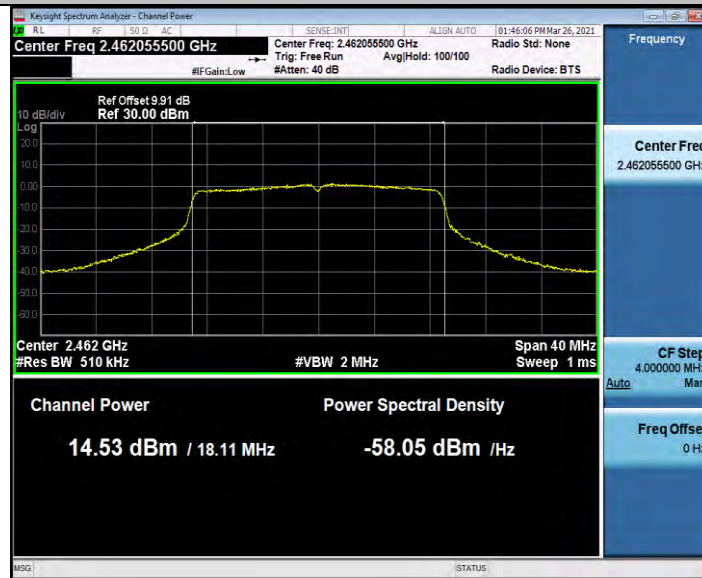
11N20SISO_Ant1_2412



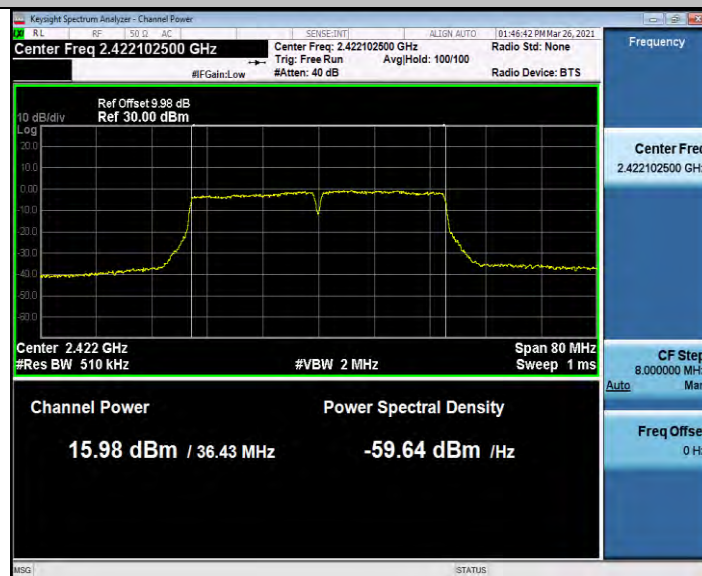
11N20SISO_Ant1_2437



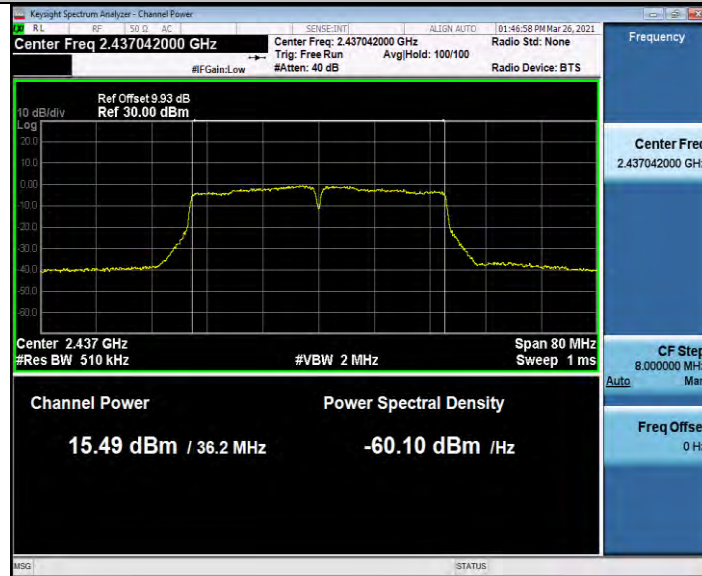
11N20SISO_Ant1_2462



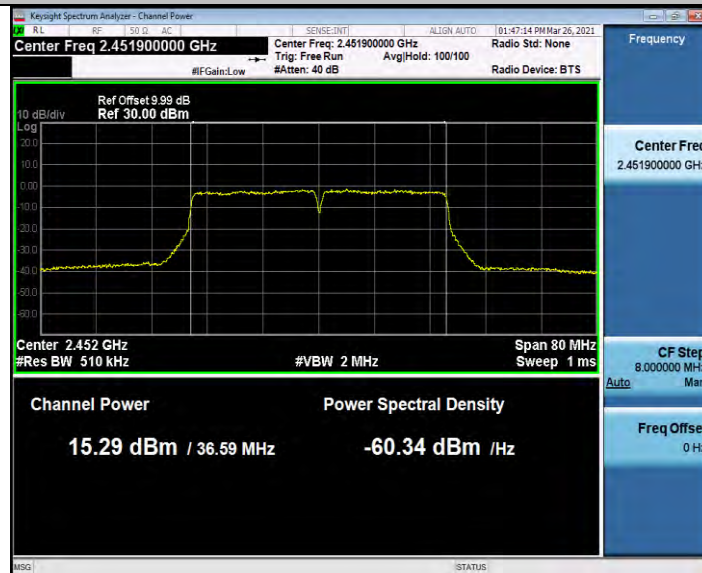
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



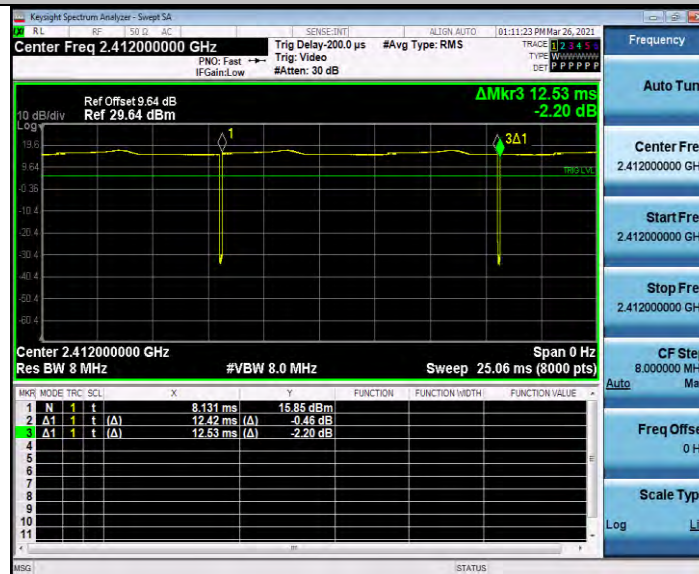
Appendix D: Duty Cycle

Test Result

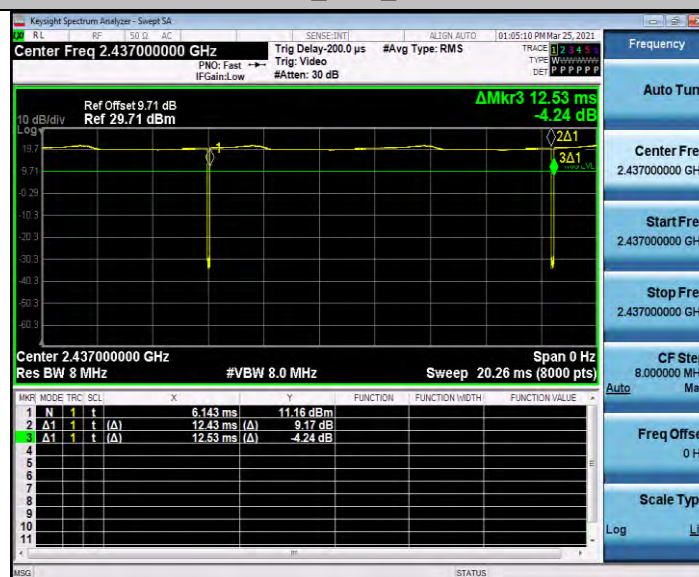
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.42	12.53	99.12	---	PASS
		2437	12.43	12.53	99.20	---	PASS
		2462	12.43	12.53	99.20	---	PASS
11G	Ant1	2412	2.06	2.10	98.10	---	PASS
		2437	2.06	2.10	98.10	---	PASS
		2462	2.06	2.10	98.10	---	PASS
11N20SISO	Ant1	2412	1.92	1.96	97.96	---	PASS
		2437	1.92	1.96	97.96	---	PASS
		2462	1.92	1.96	97.96	---	PASS
11N40SISO	Ant1	2422	0.94	1.00	94.00	---	PASS
		2437	0.95	1.00	95.00	---	PASS
		2452	0.94	1.00	94.00	---	PASS

Test Graphs

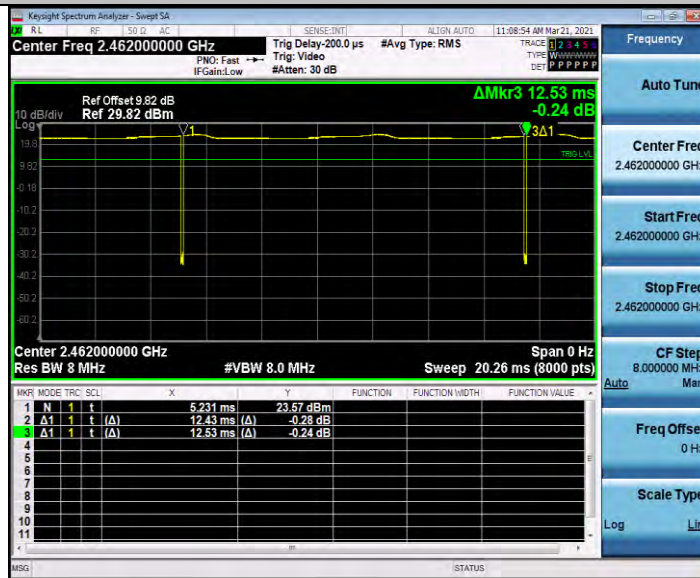
11B_Ant1_2412



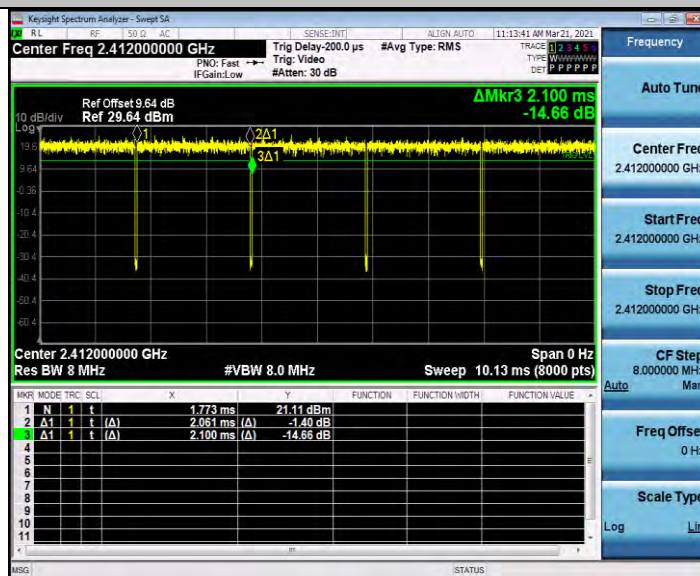
11B_Ant1_2437



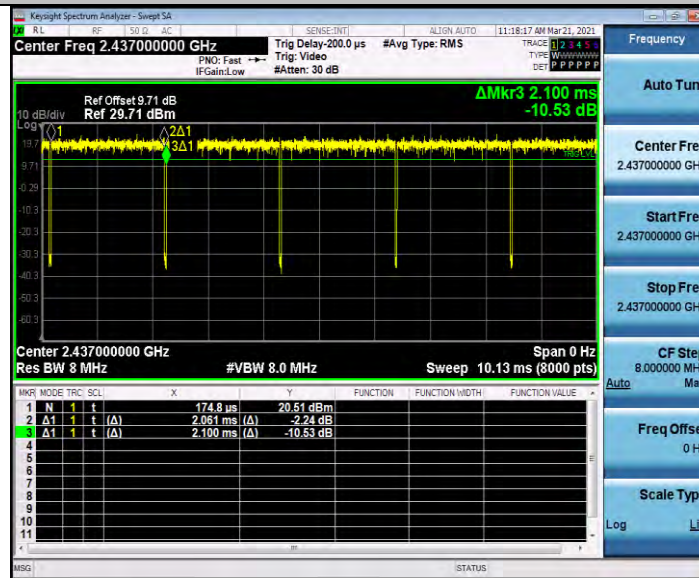
11B_Ant1_2462



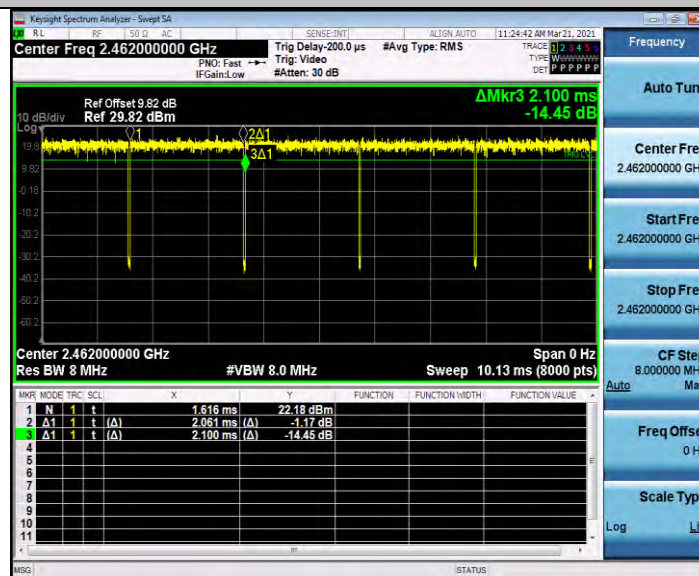
11G_Ant1_2412



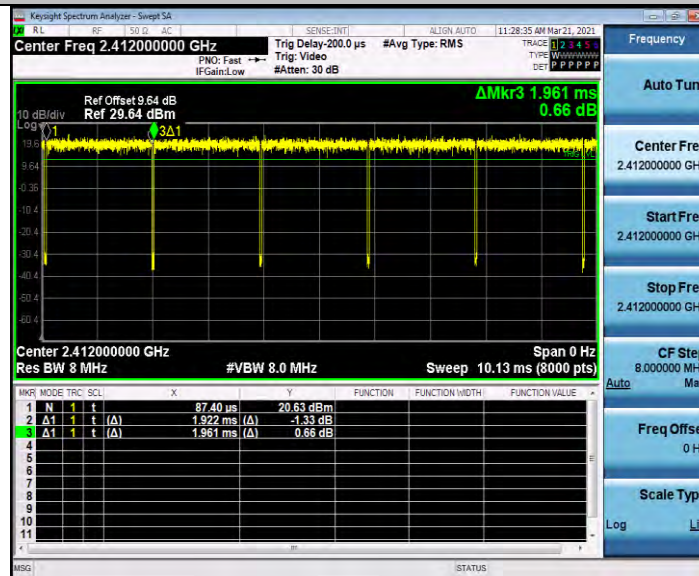
11G_Ant1_2437



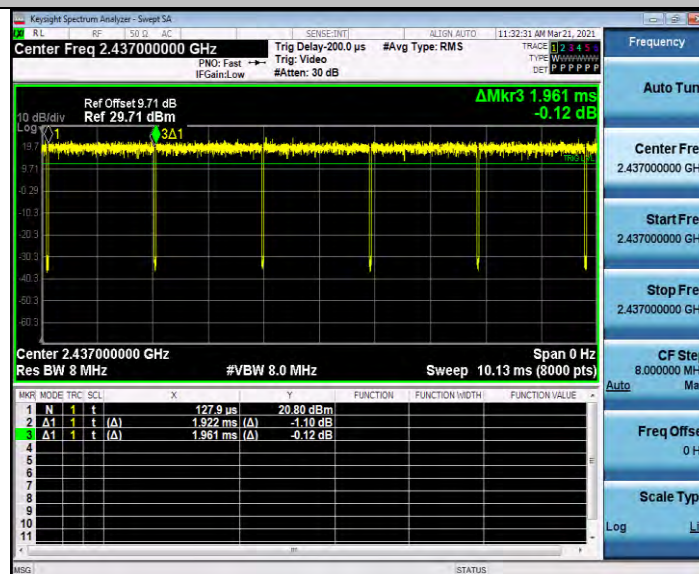
11G_Ant1_2462



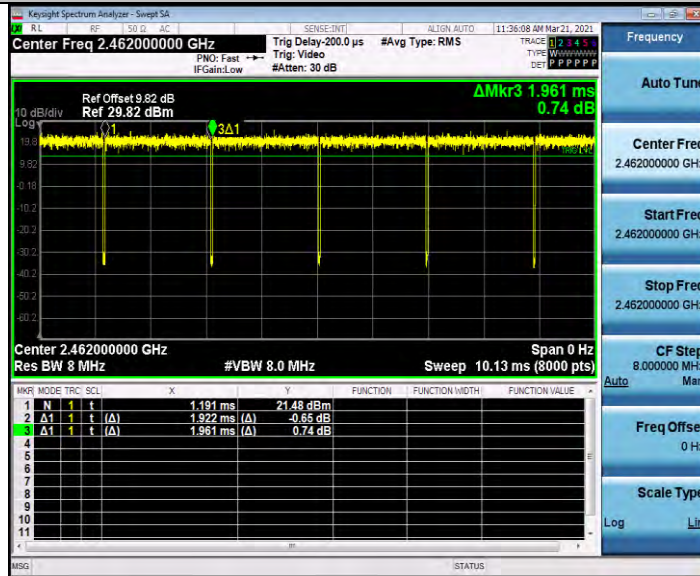
11N20SISO_Ant1_2412



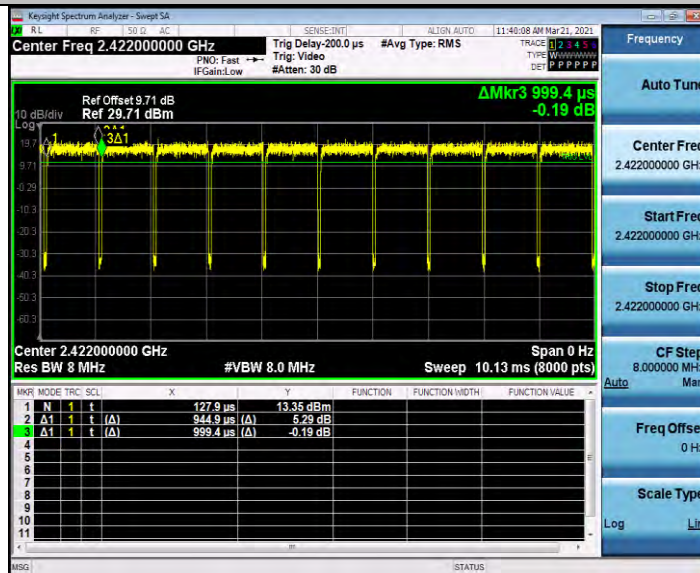
11N20SISO_Ant1_2437



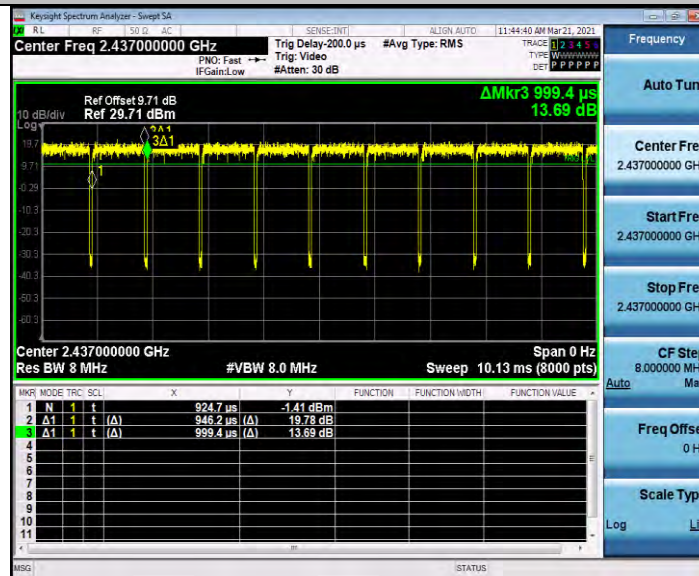
11N20SISO_Ant1_2462



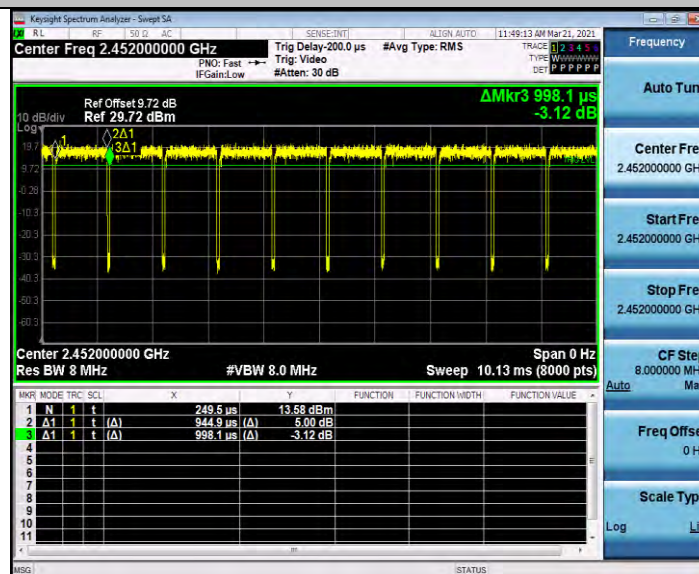
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



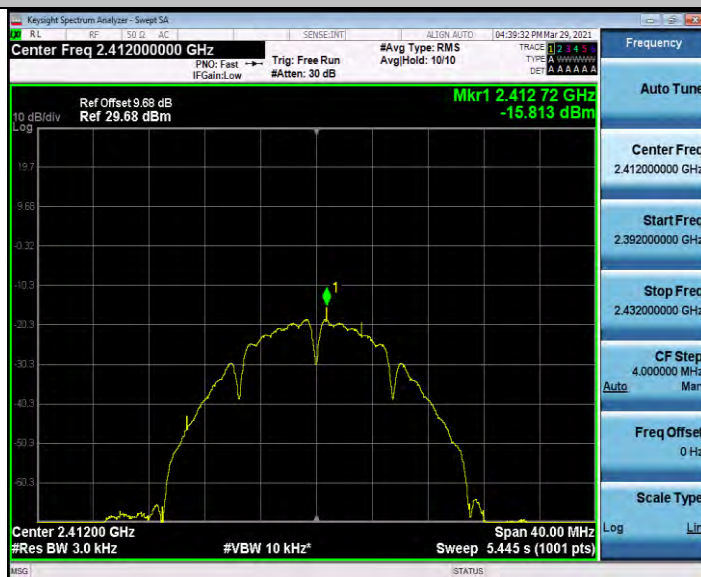
Appendix E: Maximum power spectral density

Test Result

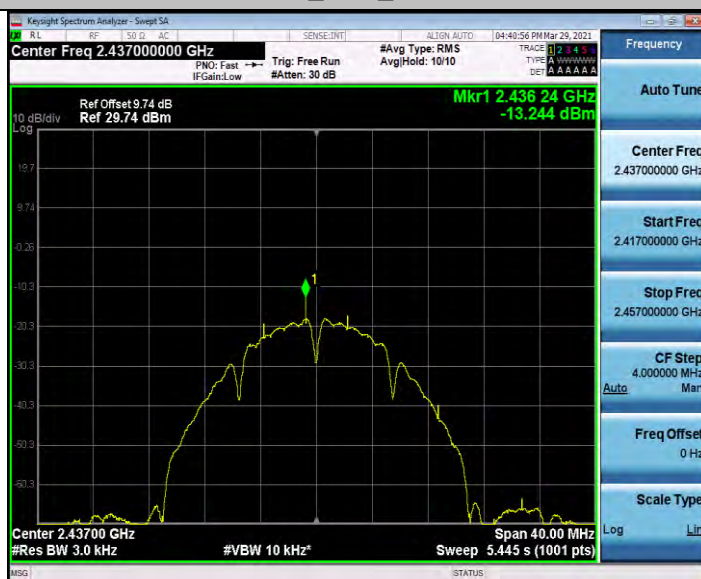
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.81	<=8	PASS
		2437	-13.24	<=8	PASS
		2462	-16.94	<=8	PASS
11G	Ant1	2412	-19.73	<=8	PASS
		2437	-19.6	<=8	PASS
		2462	-19.12	<=8	PASS
11N20SISO	Ant1	2412	-20.07	<=8	PASS
		2437	-20.26	<=8	PASS
		2462	-19.83	<=8	PASS
11N40SISO	Ant1	2422	-21.69	<=8	PASS
		2437	-21.89	<=8	PASS
		2452	-22.89	<=8	PASS

Test Graphs

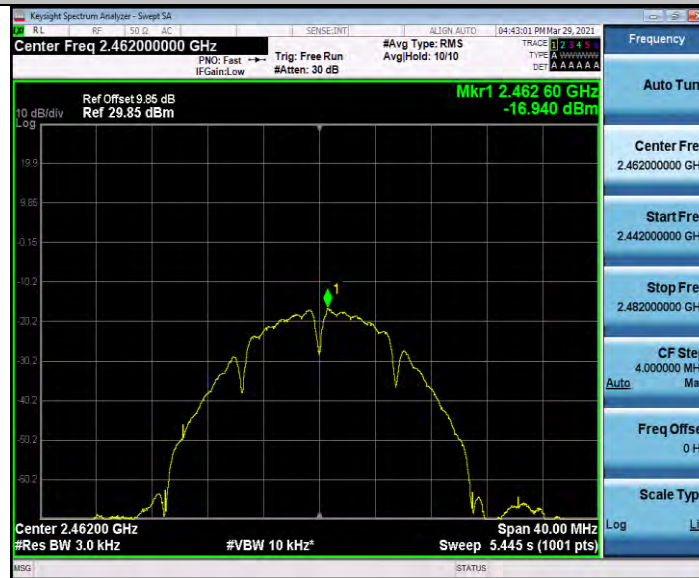
11B_Ant1_2412



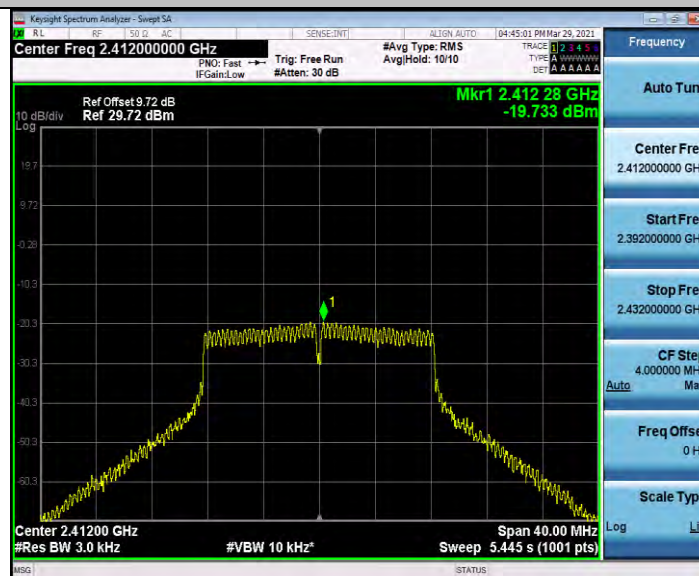
11B_Ant1_2437



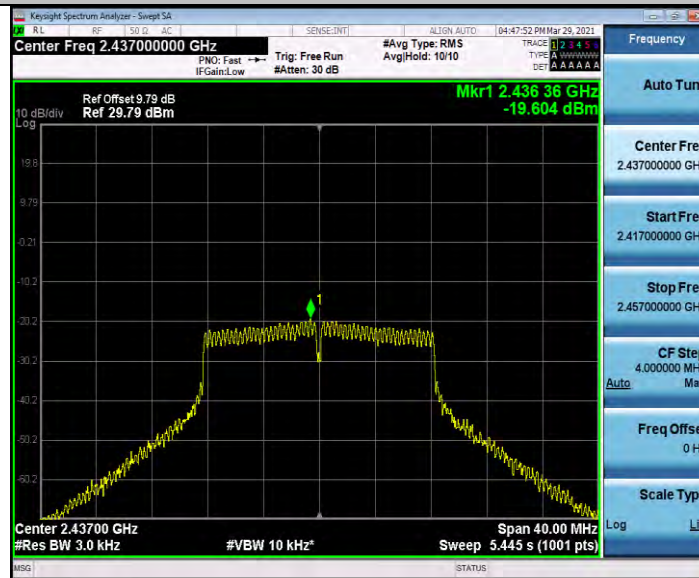
11B_Ant1_2462



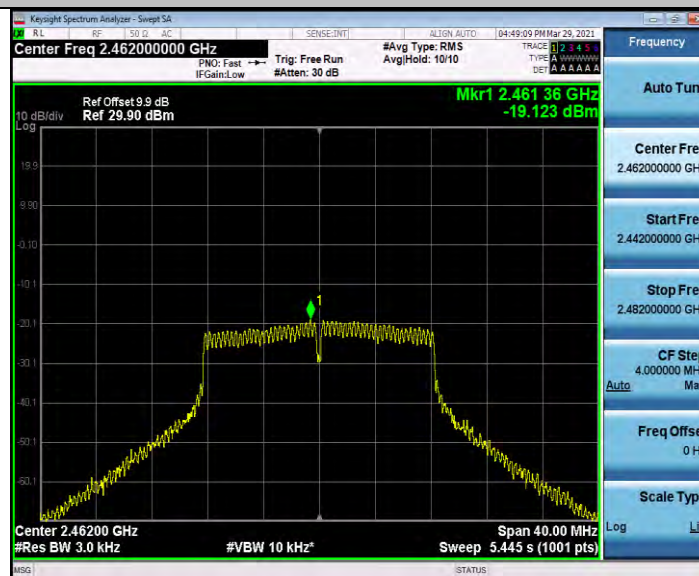
11G_Ant1_2412



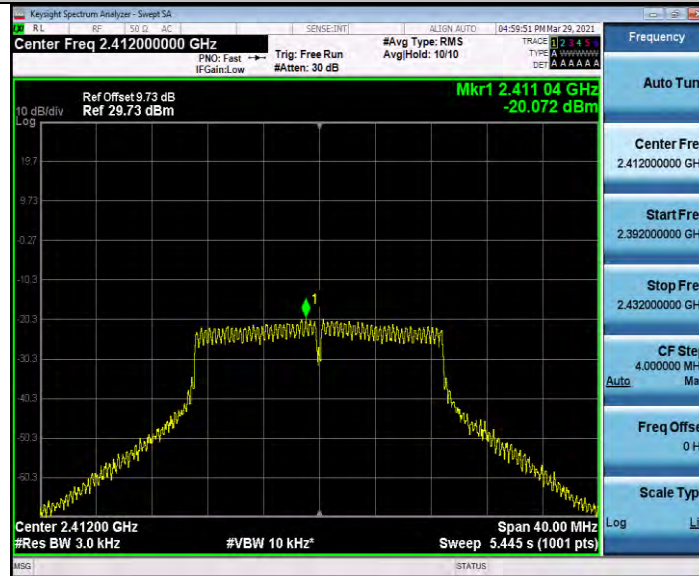
11G_Ant1_2437



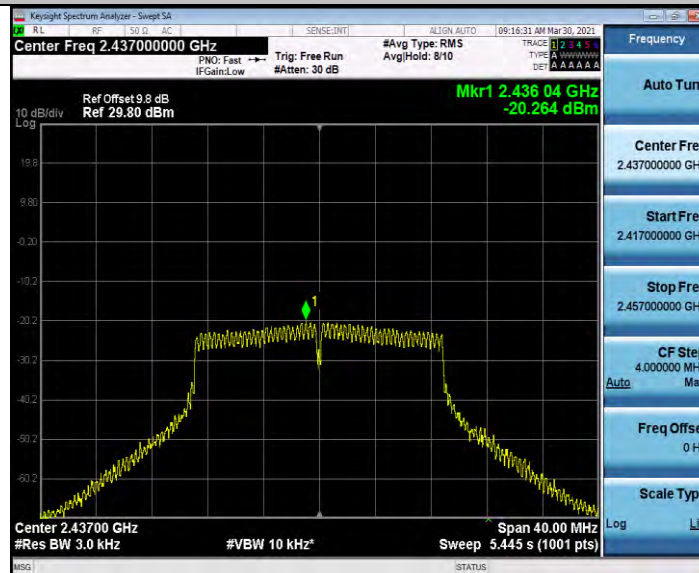
11G_Ant1_2462



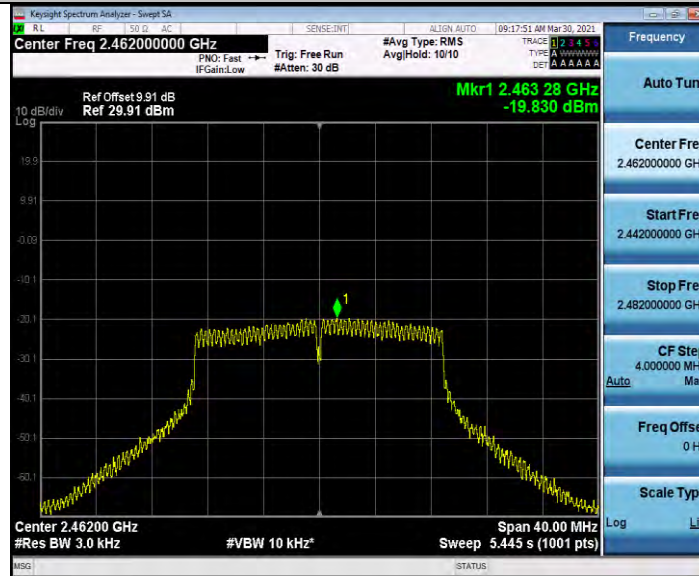
11N20SISO_Ant1_2412



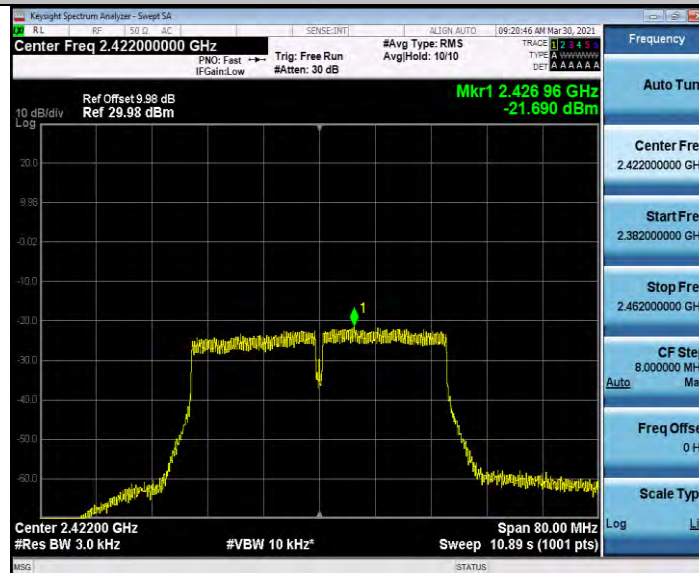
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



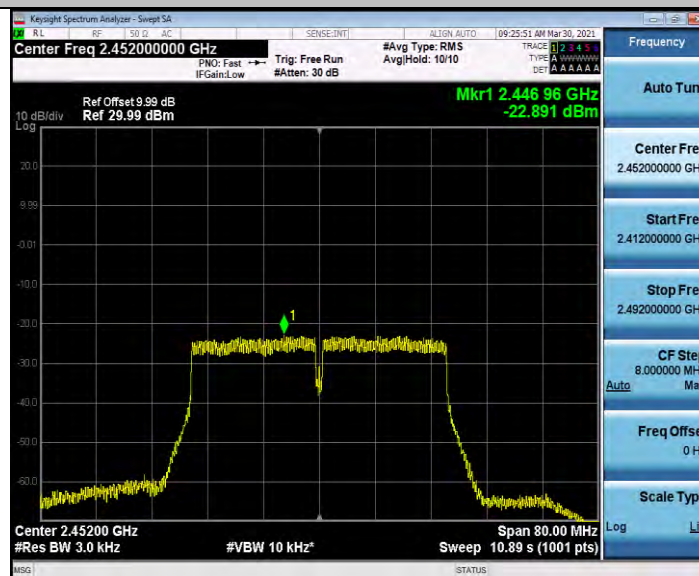
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix F: Band edge measurements

Test Result

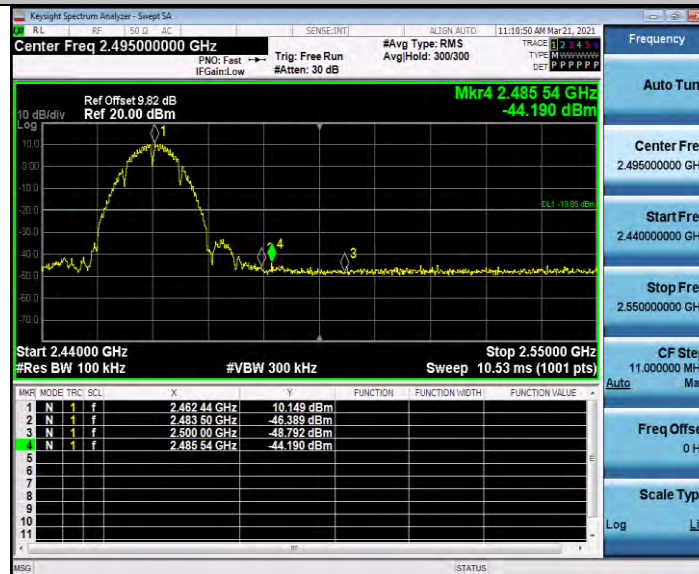
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.29	-34.44	<=-20.71	PASS
		High	2462	10.15	-44.19	<=-19.85	PASS
11G	Ant1	Low	2412	-5.29	-35.83	<=-35.29	PASS
		High	2462	-4.73	-54.85	<=-34.73	PASS
11N20SISO	Ant1	Low	2412	-8.21	-38.47	<=-38.21	PASS
		High	2462	9.16	-31.9	<=-20.84	PASS
11N40SISO	Ant1	Low	2422	5.96	-24.13	<=-24.04	PASS
		High	2452	-5.52	-36.87	<=-35.52	PASS

Test Graphs

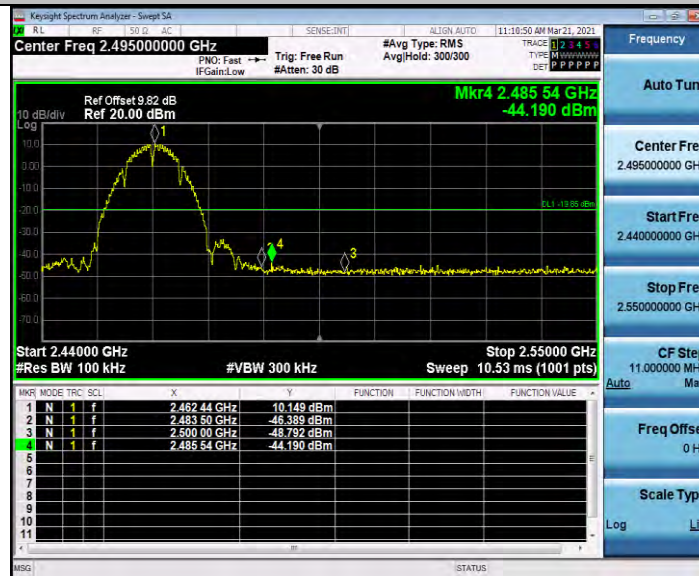
11B_Ant1_Low_2412



11B_Ant1_High_2462



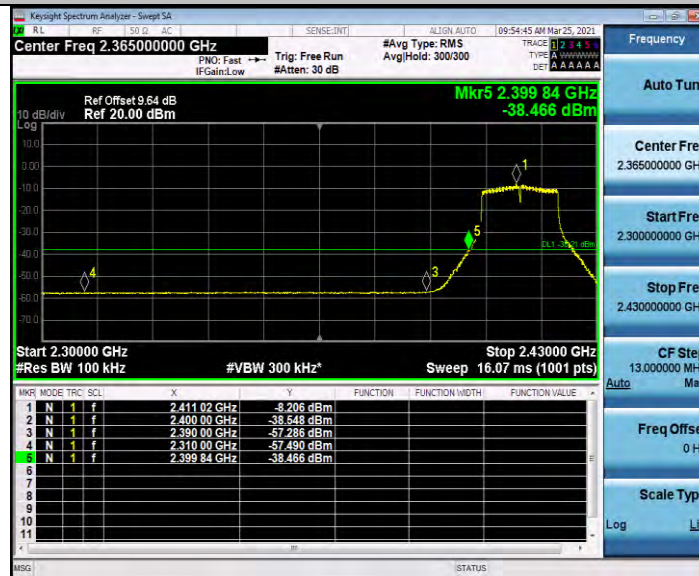
11G_Ant1_Low_2412



11G_Ant1_High_2462



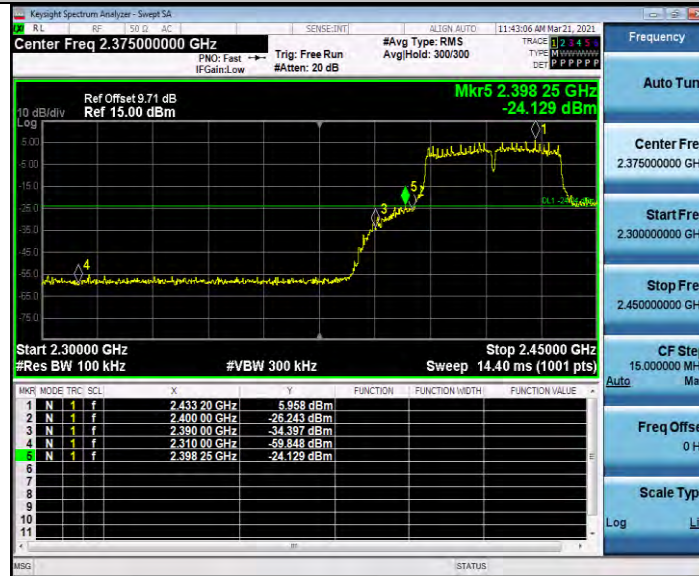
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.28	9.28	---	PASS
			30~1000	30~1000	-55.367	<=-20.722	PASS
			1000~26500	1000~26500	-35.422	<=-20.722	PASS
		2437	Reference	8.81	8.81	---	PASS
			30~1000	30~1000	-55.886	<=-21.191	PASS
			1000~26500	1000~26500	-35.475	<=-21.191	PASS
		2462	Reference	10.20	10.20	---	PASS
			30~1000	30~1000	-55.308	<=-19.803	PASS
			1000~26500	1000~26500	-33.117	<=-19.803	PASS
11G	Ant1	2412	Reference	8.74	8.74	---	PASS
			30~1000	30~1000	-55.155	<=-21.256	PASS
			1000~26500	1000~26500	-37.217	<=-21.256	PASS
		2437	Reference	8.62	8.62	---	PASS
			30~1000	30~1000	-55.484	<=-21.381	PASS
			1000~26500	1000~26500	-37.26	<=-21.381	PASS
		2462	Reference	8.94	8.94	---	PASS
			30~1000	30~1000	-55.248	<=-21.057	PASS
			1000~26500	1000~26500	-36.253	<=-21.057	PASS
11N20SISO	Ant1	2412	Reference	9.06	9.06	---	PASS
			30~1000	30~1000	-55.338	<=-20.94	PASS
			1000~26500	1000~26500	-37.407	<=-20.94	PASS
		2437	Reference	8.68	8.68	---	PASS
			30~1000	30~1000	-55.448	<=-21.316	PASS
			1000~26500	1000~26500	-37.019	<=-21.316	PASS
		2462	Reference	7.83	7.83	---	PASS
			30~1000	30~1000	-55.706	<=-22.171	PASS
			1000~26500	1000~26500	-37.435	<=-22.171	PASS
11N40SISO	Ant1	2422	Reference	5.94	5.94	---	PASS
			30~1000	30~1000	-54.637	<=-24.06	PASS
			1000~26500	1000~26500	-37.367	<=-24.06	PASS
		2437	Reference	5.26	5.26	---	PASS
			30~1000	30~1000	-55.573	<=-24.744	PASS



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Test Report No.: RFW7L-P21040029-3

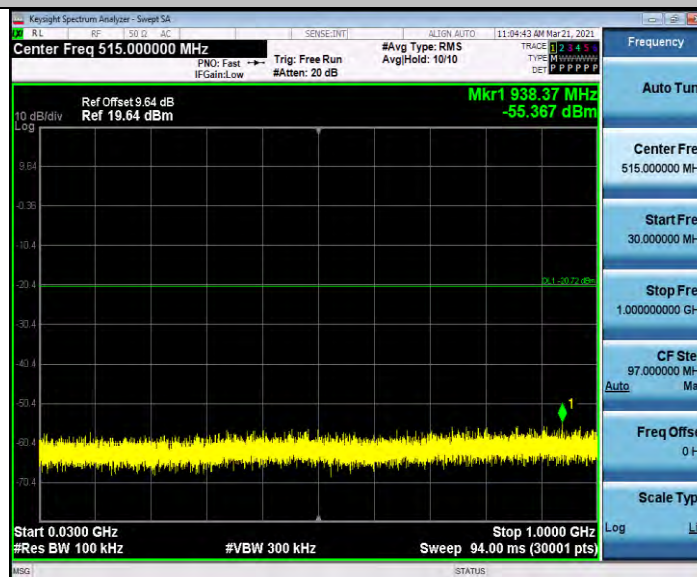
			1000~26500	1000~26500	-37.988	<=-24.744	PASS
		2452	Reference	5.31	5.31	---	PASS
			30~1000	30~1000	-56.006	<=-24.695	PASS
			1000~26500	1000~26500	-36.988	<=-24.695	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



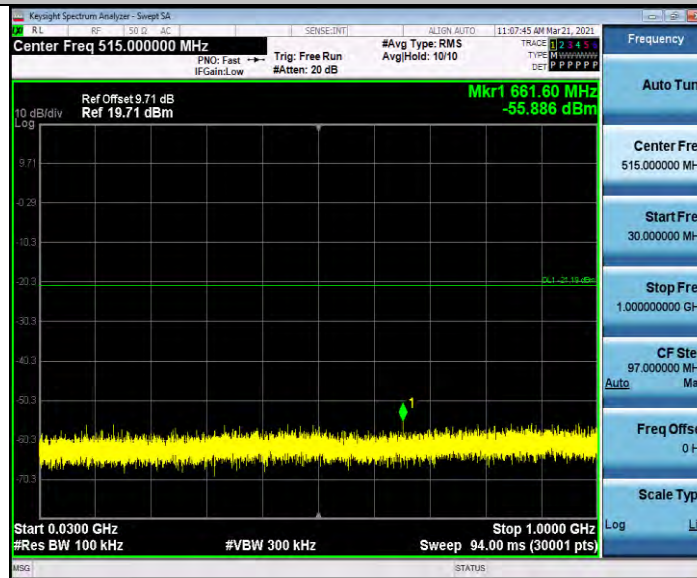
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



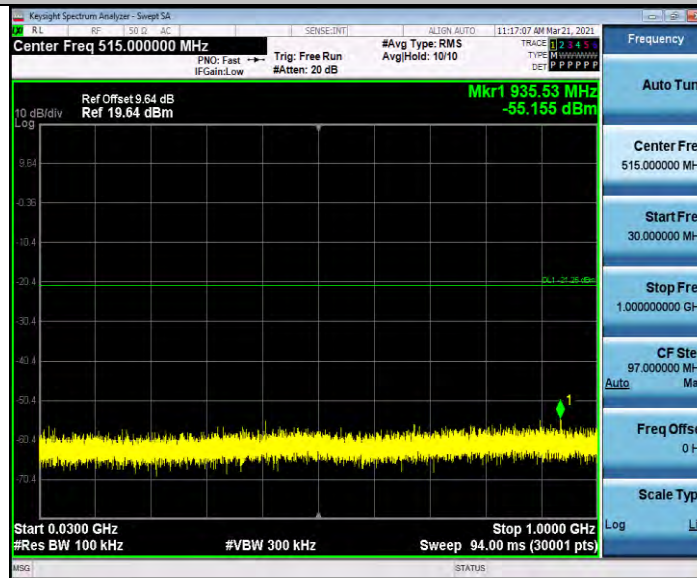
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



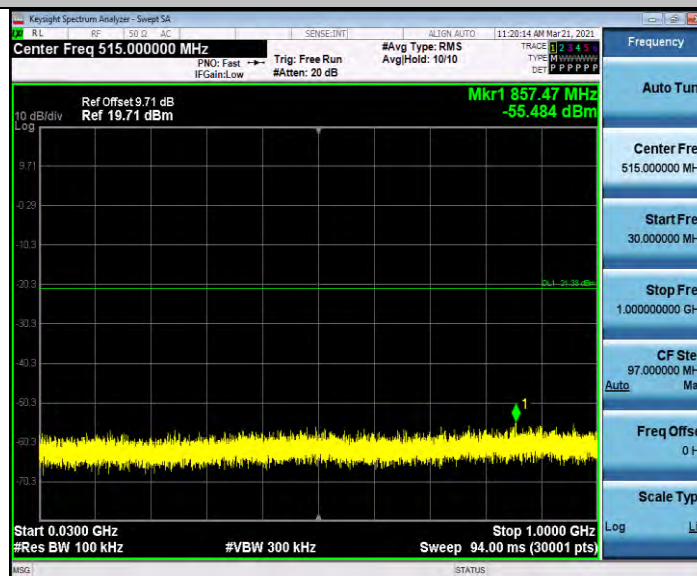
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



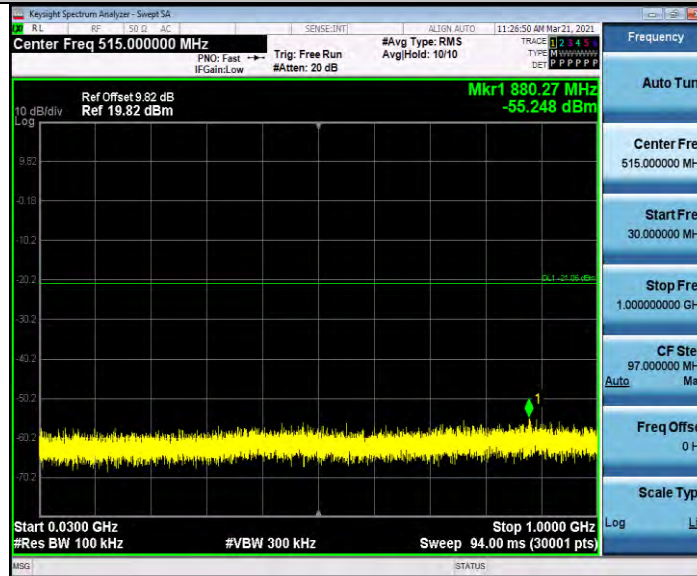
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



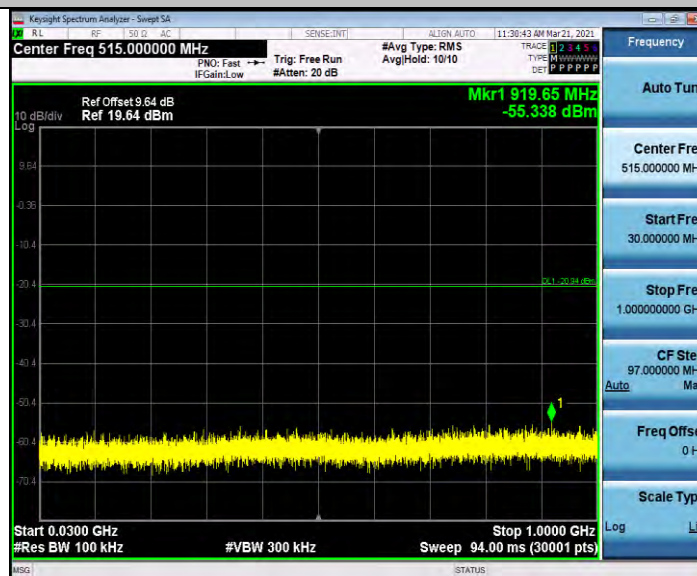
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



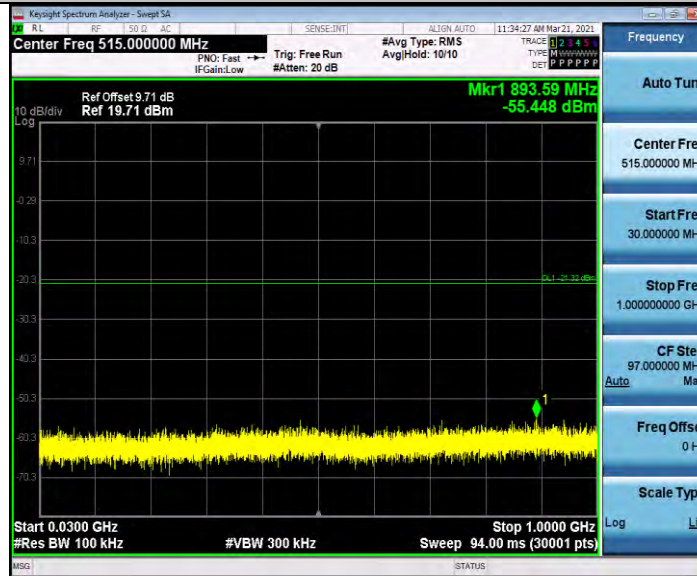
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500

