



11G_Ant1_2462



11N20SISO_Ant1_2412



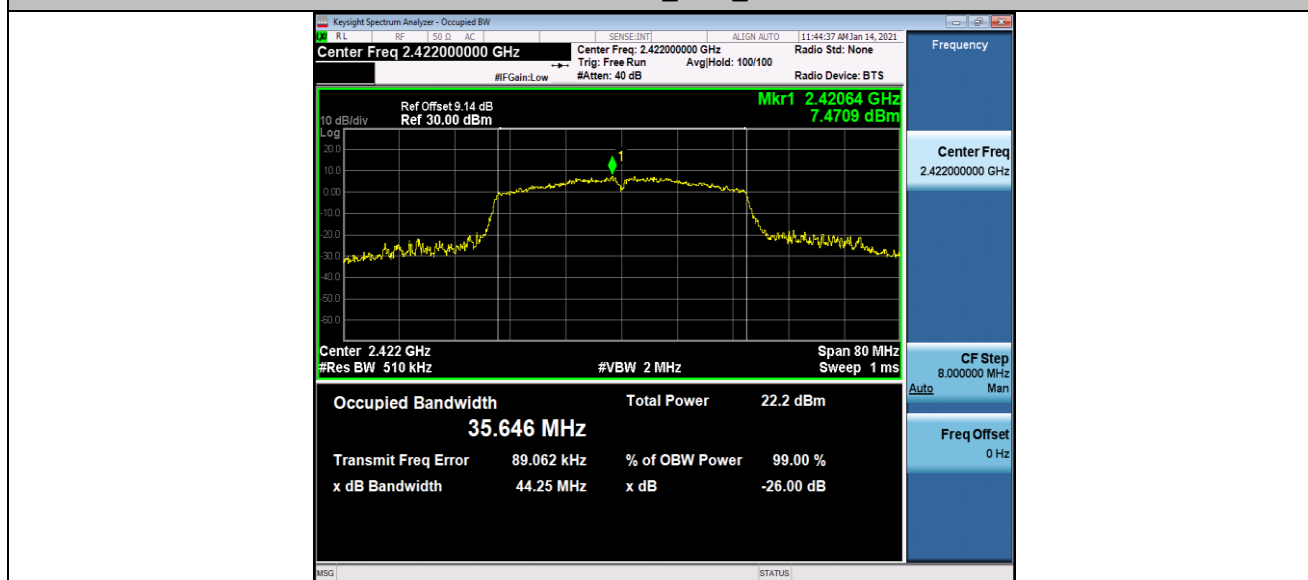
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

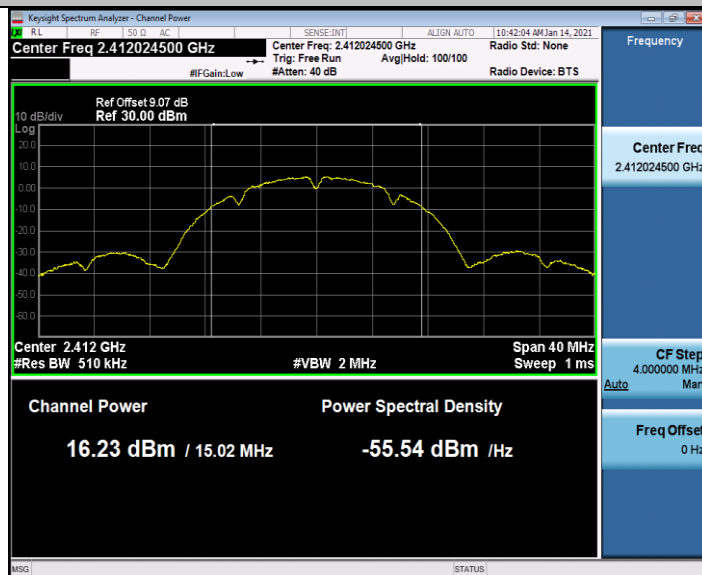
Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	99.76	-	16.23	17.43	<=30	PASS
		2437	99.76	-	16.77	17.97	<=30	PASS
		2462	99.76	-	16.90	18.1	<=30	PASS
11G	Ant1	2412	98.58	-	16.33	17.53	<=30	PASS
		2437	99.29	-	17.27	18.47	<=30	PASS
		2462	98.58	-	17.54	18.74	<=30	PASS
11N20SISO	Ant1	2412	99.24	-	15.87	17.07	<=30	PASS
		2437	99.24	-	15.68	16.88	<=30	PASS
		2462	99.24	-	16.05	17.25	<=30	PASS
11N40SISO	Ant1	2422	96.97	0.13	16.00	17.2	<=30	PASS
		2437	96.97	0.13	15.28	16.48	<=30	PASS
		2452	98.48	-	14.99	16.19	<=30	PASS

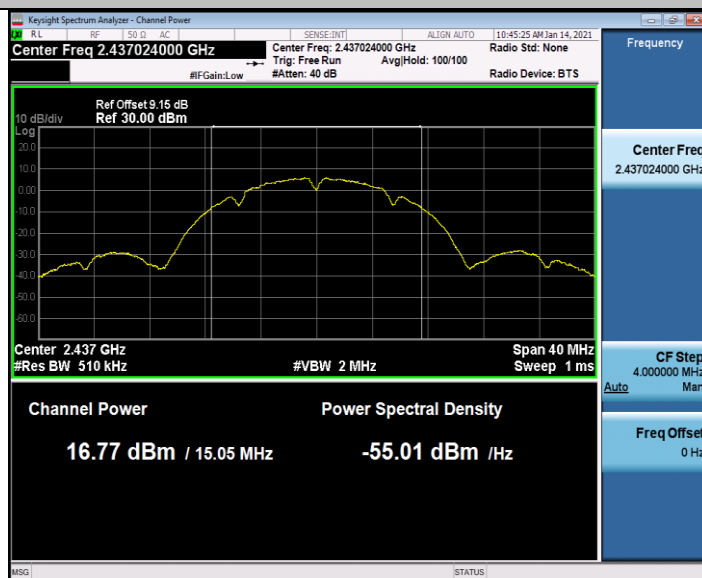
Note: The duty cycle factor has been compensated to the “offset” of the spectrum analyser.

Test Graphs

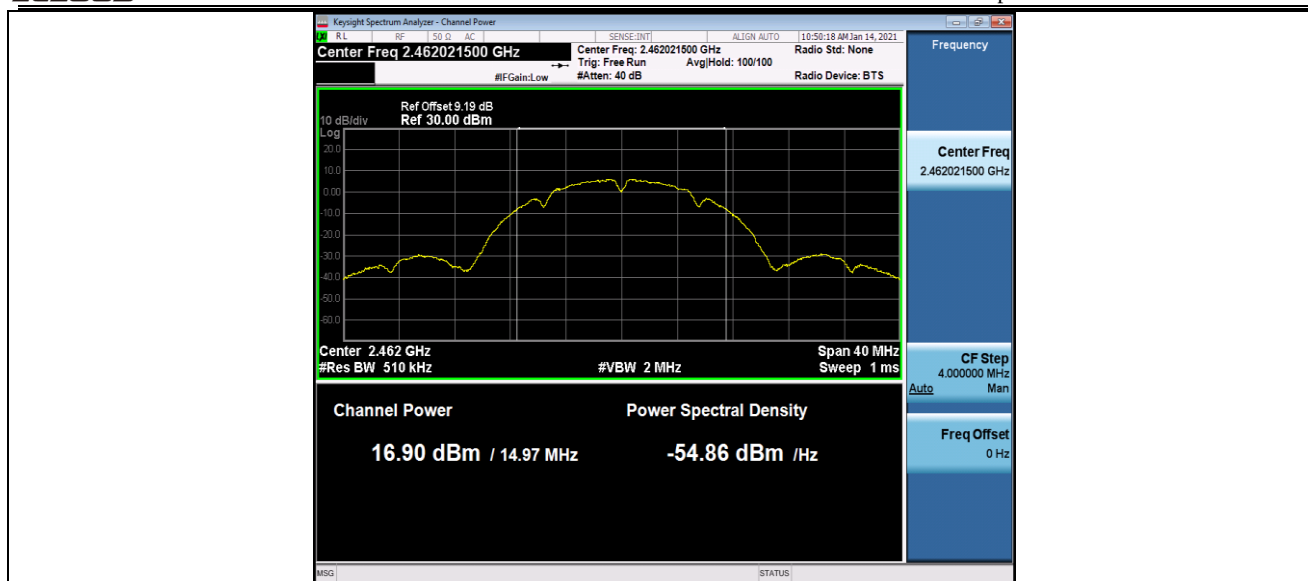
11B_Ant1_2412



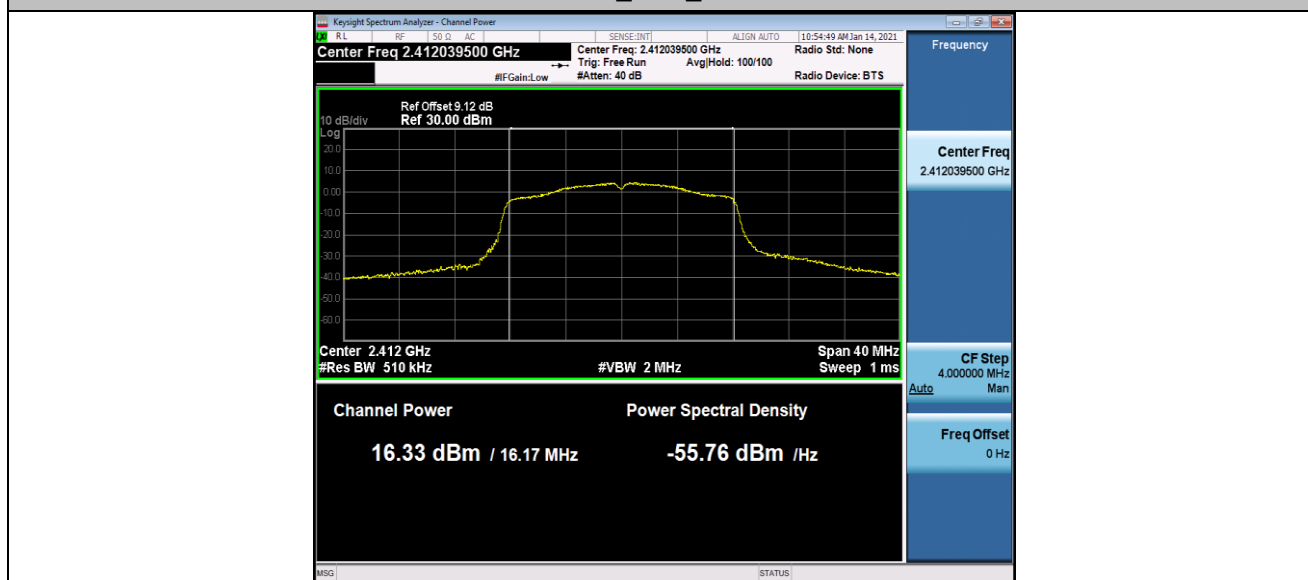
11B_Ant1_2437



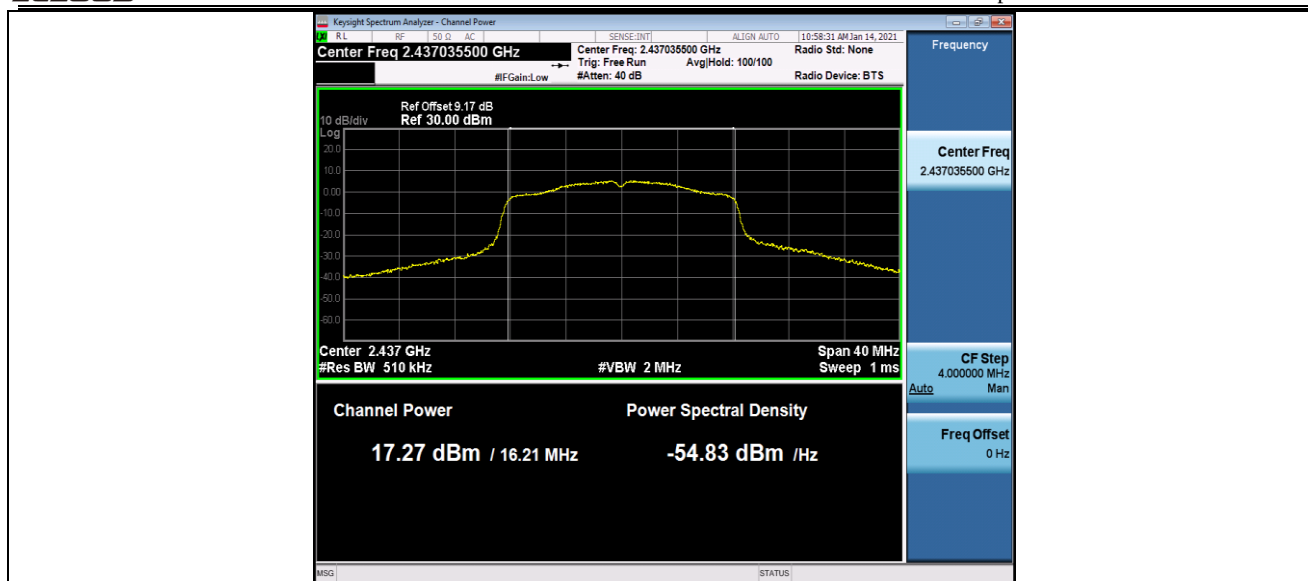
11B_Ant1_2462



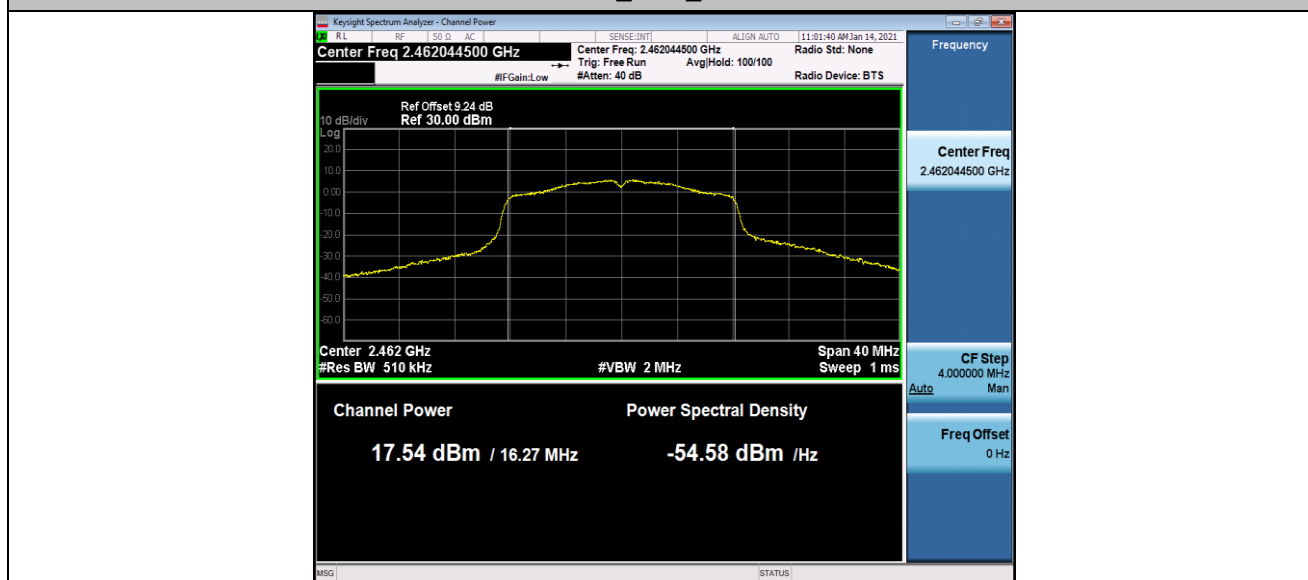
11G_Ant1_2412



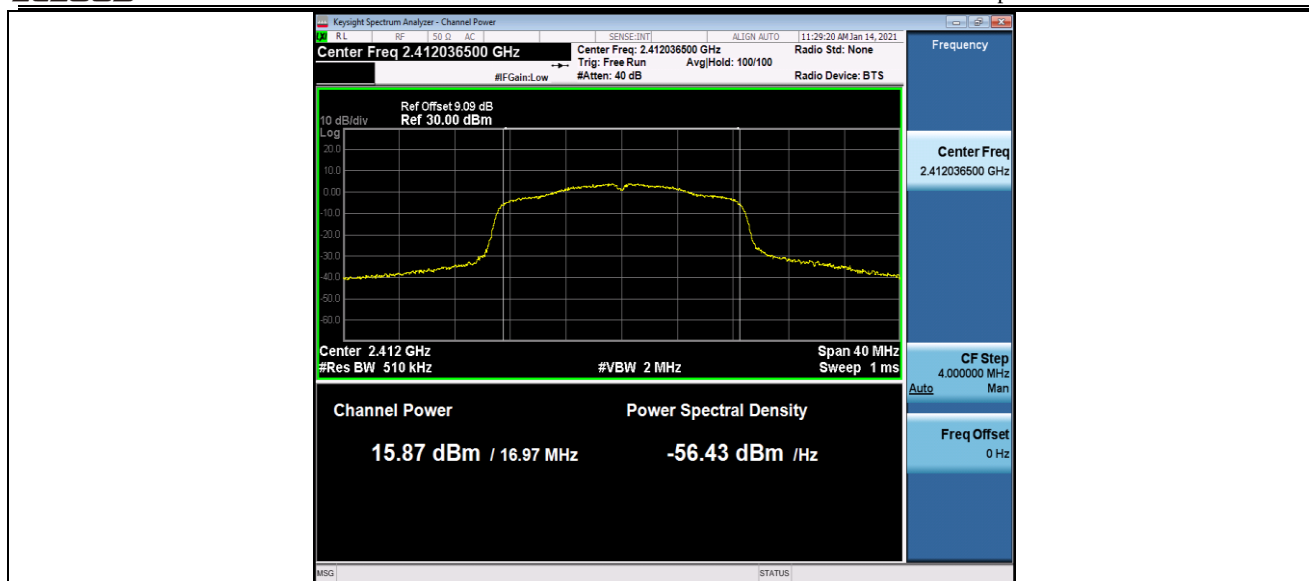
11G_Ant1_2437



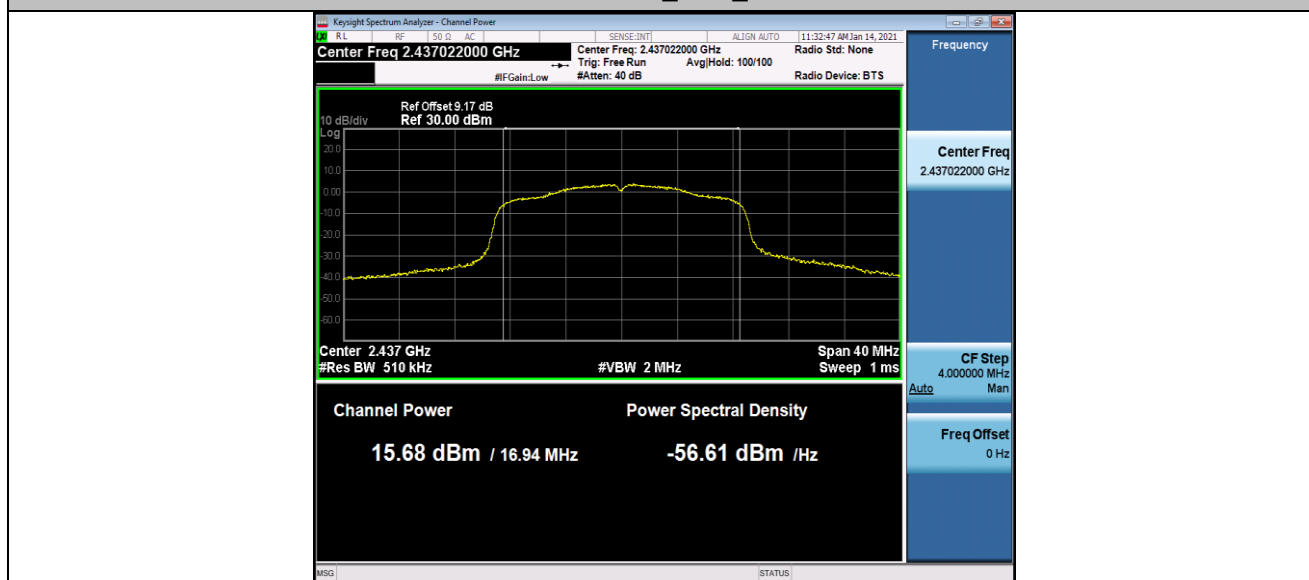
11G_Ant1_2462



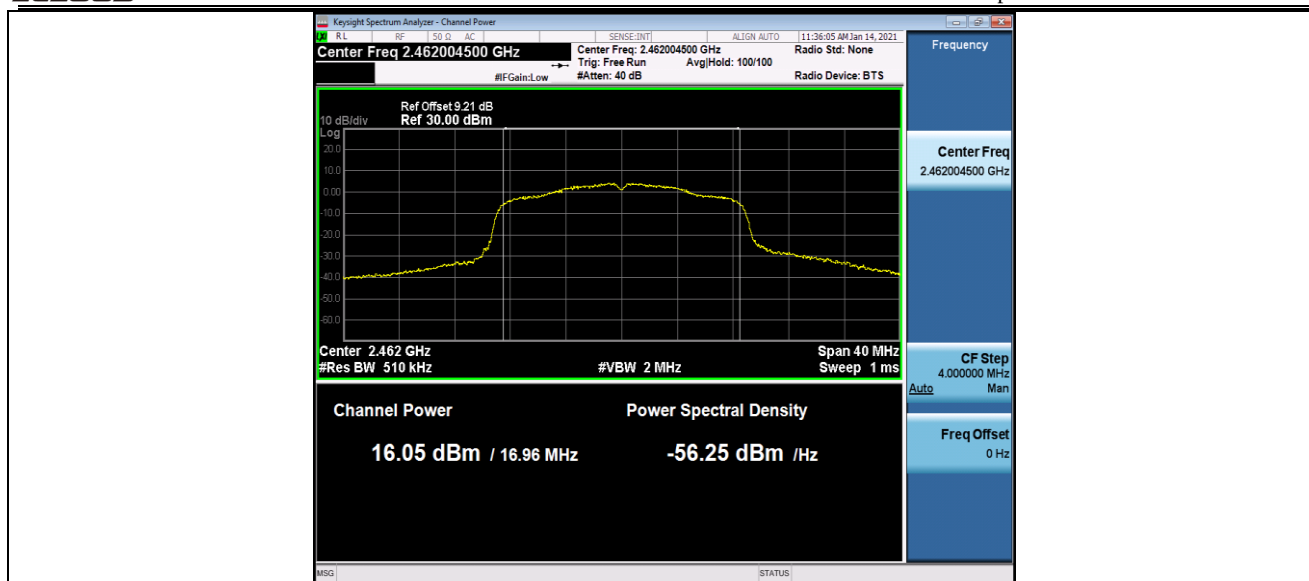
11N20SISO_Ant1_2412



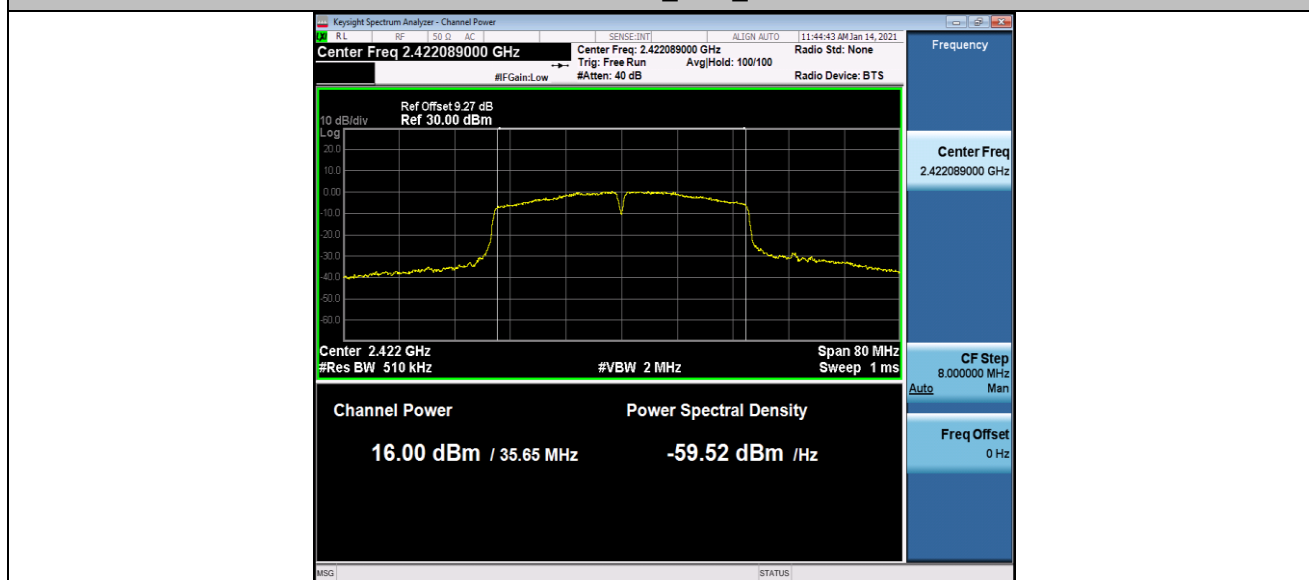
11N20SISO_Ant1_2437



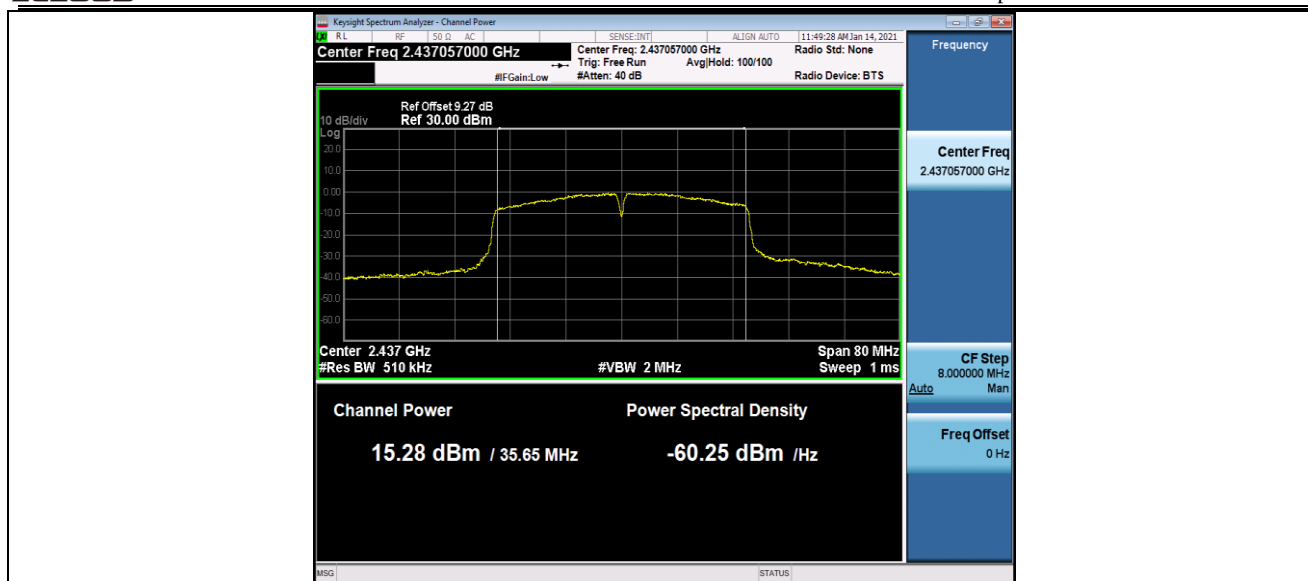
11N20SISO_Ant1_2462



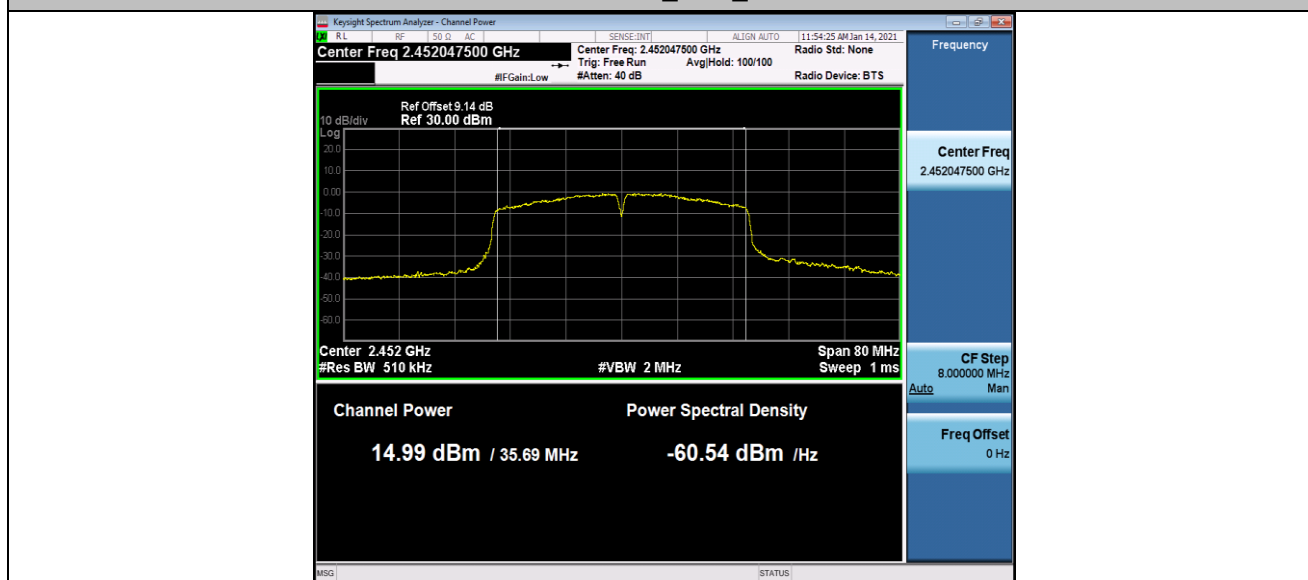
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



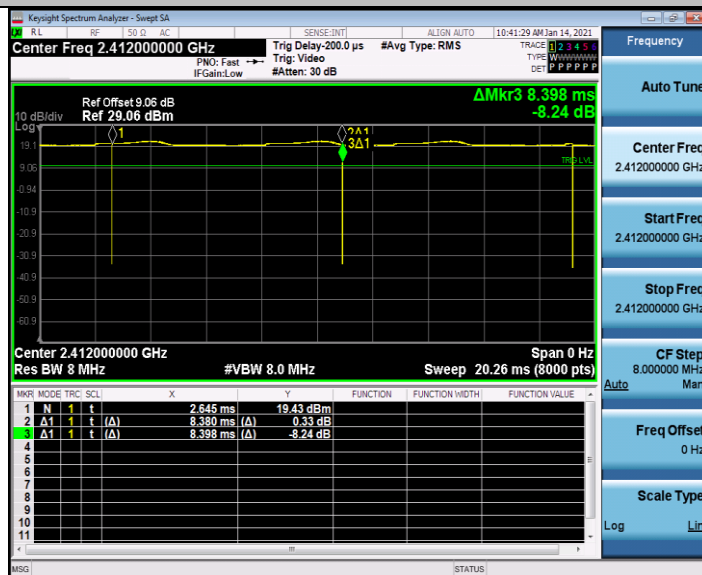
Appendix D: Duty Cycle

Test Result

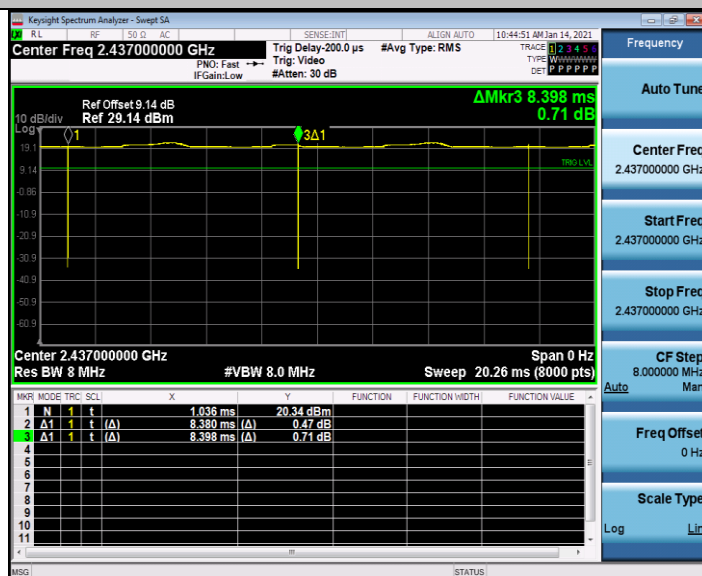
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.40	99.76	---	PASS
		2437	8.38	8.40	99.76	---	PASS
		2462	8.38	8.40	99.76	---	PASS
11G	Ant1	2412	1.39	1.41	98.58	---	PASS
		2437	1.39	1.40	99.29	---	PASS
		2462	1.39	1.41	98.58	---	PASS
11N20SISO	Ant1	2412	1.30	1.31	99.24	---	PASS
		2437	1.30	1.31	99.24	---	PASS
		2462	1.30	1.31	99.24	---	PASS
11N40SISO	Ant1	2422	0.64	0.66	96.97	---	PASS
		2437	0.64	0.66	96.97	---	PASS
		2452	0.65	0.66	98.48	---	PASS

Test Graphs

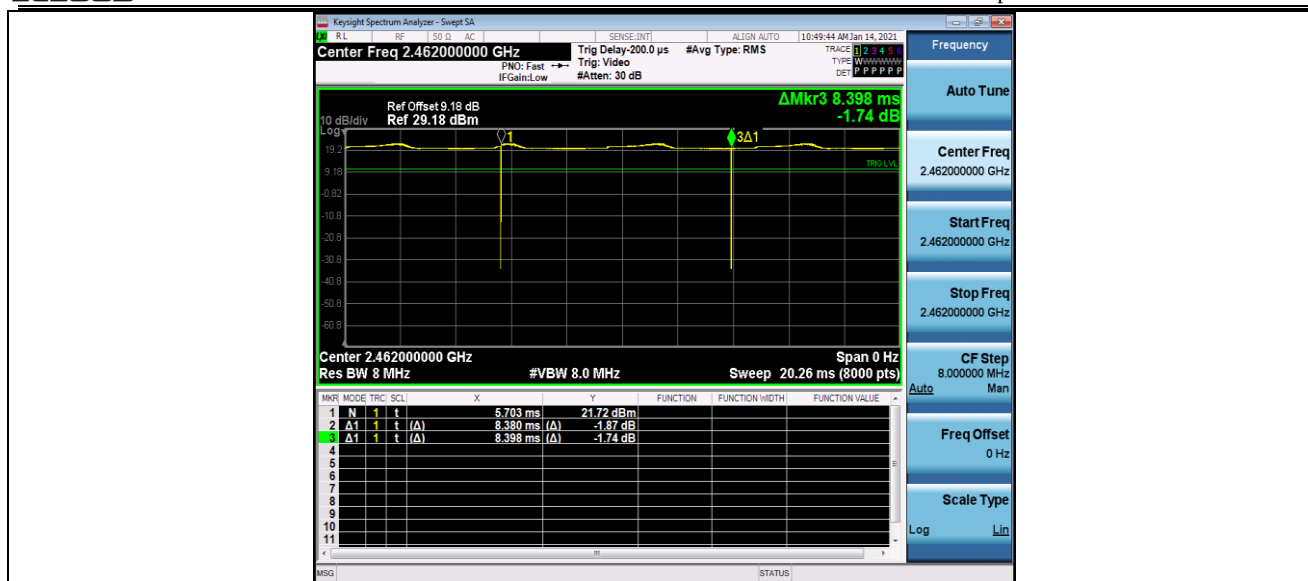
11B_Ant1_2412



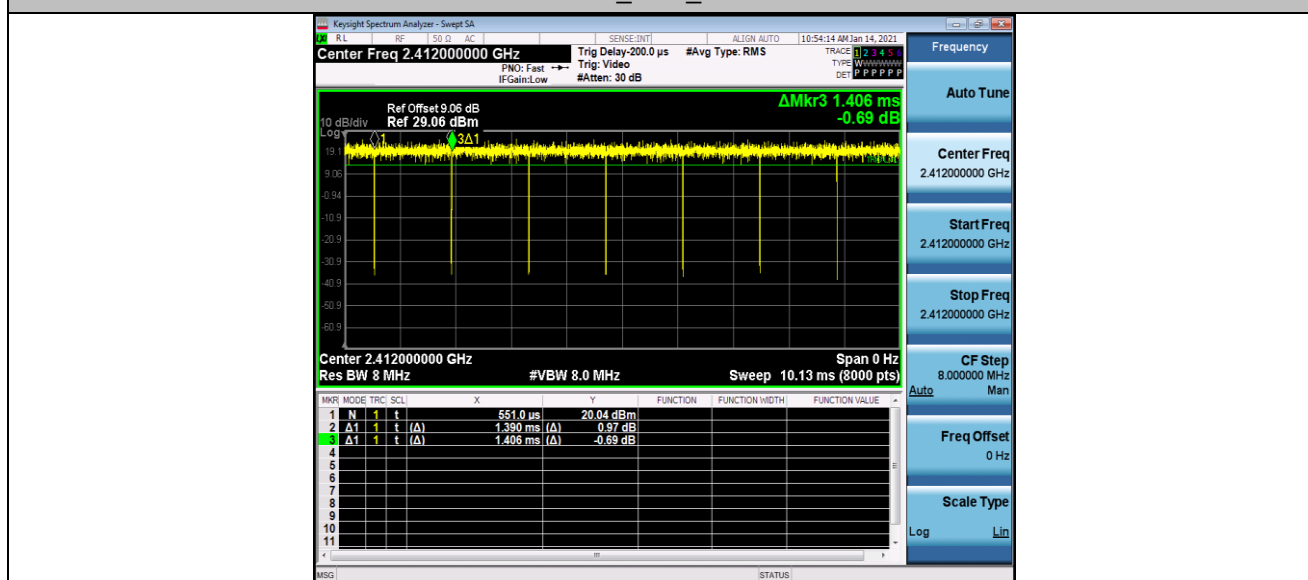
11B_Ant1_2437



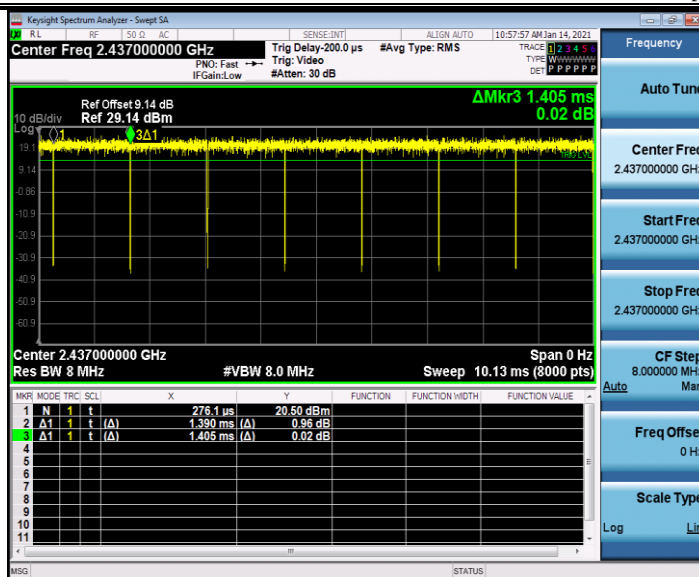
11B_Ant1_2462



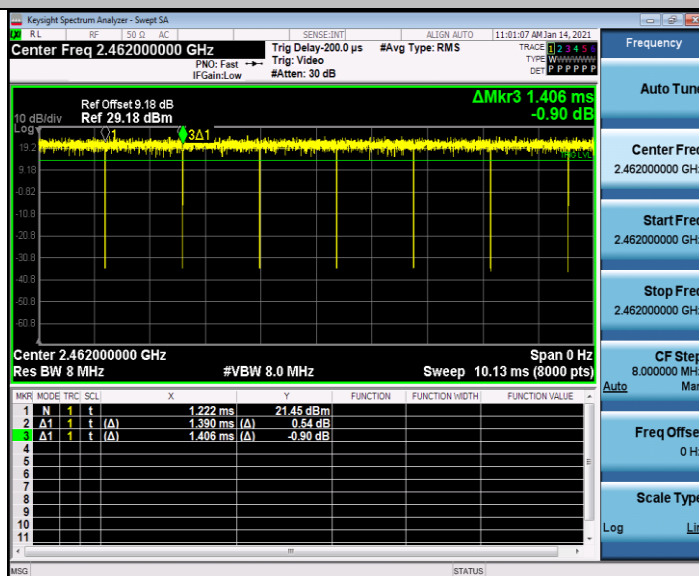
11G_Ant1_2412



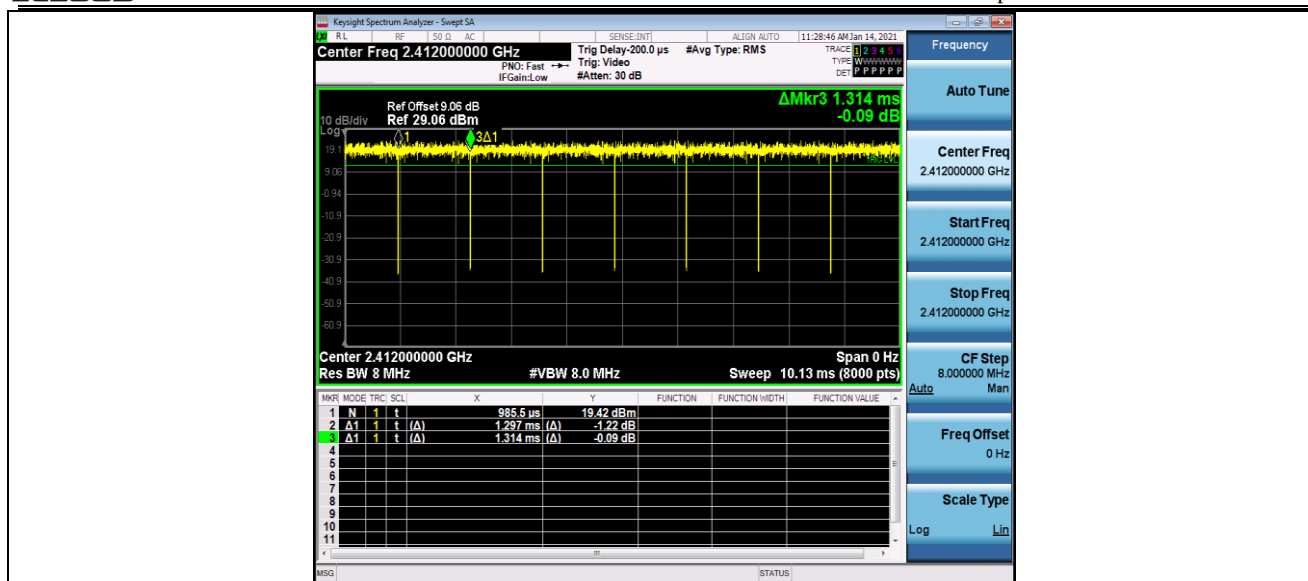
11G_Ant1_2437



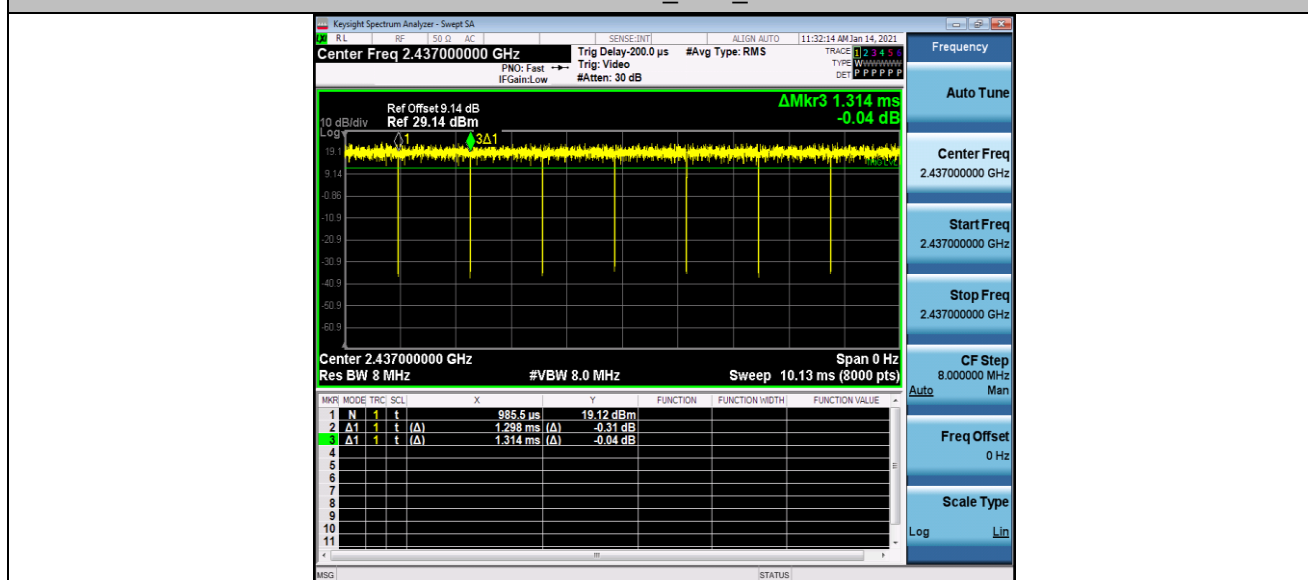
11G_Ant1_2462



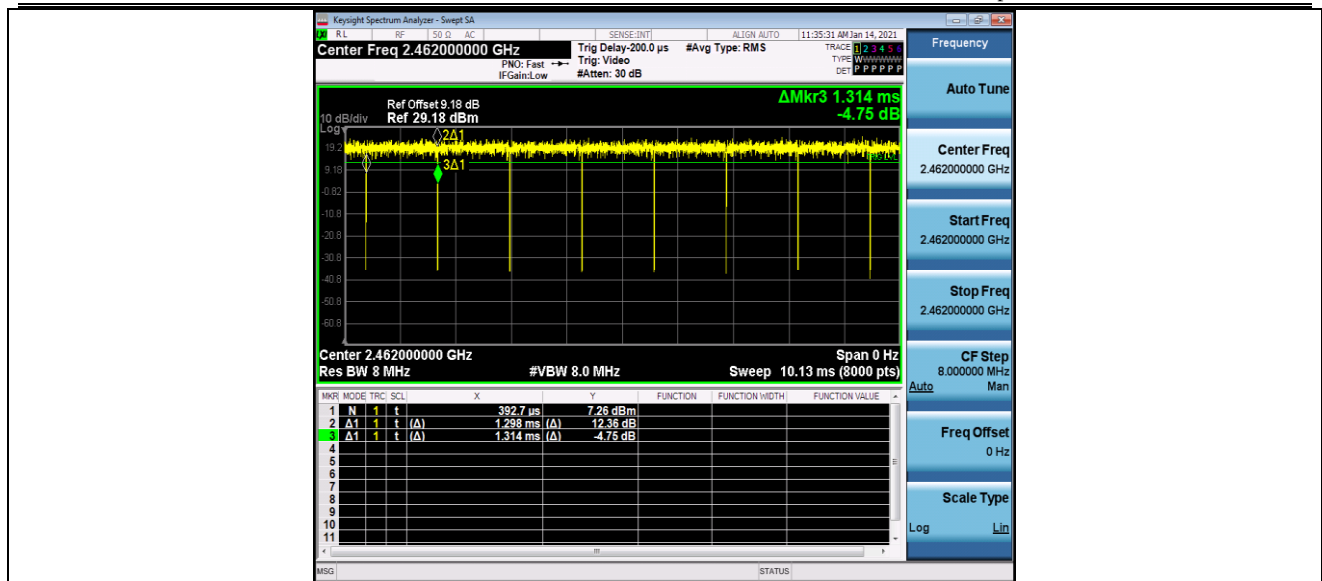
11N20SISO_Ant1_2412



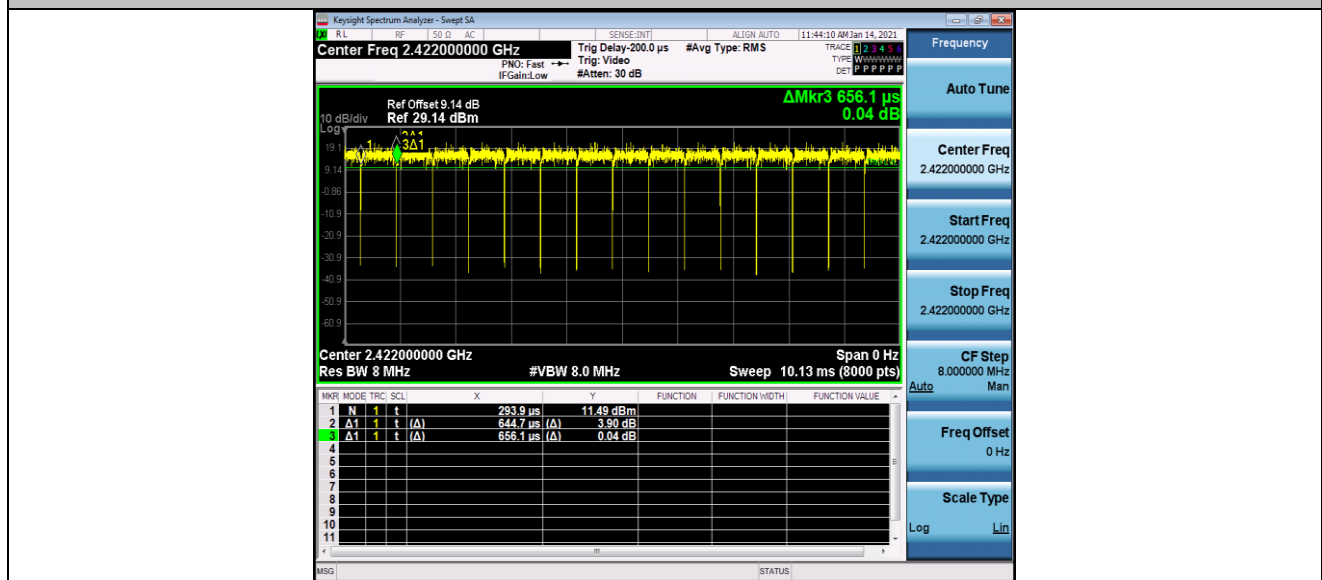
11N20SISO_Ant1_2437



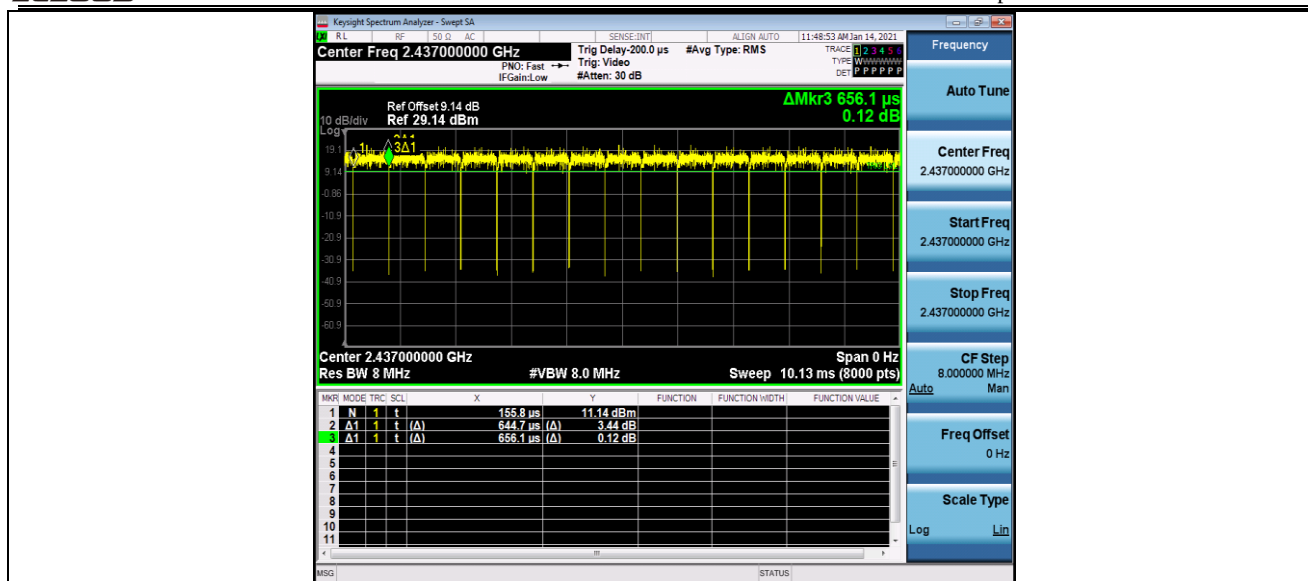
11N20SISO_Ant1_2462



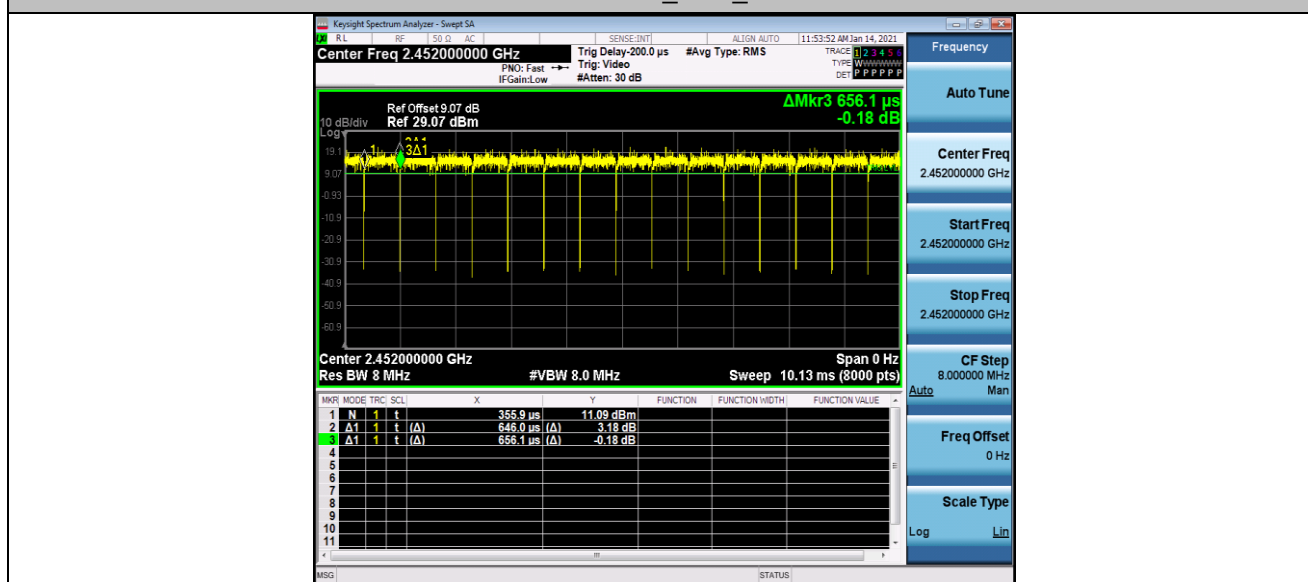
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

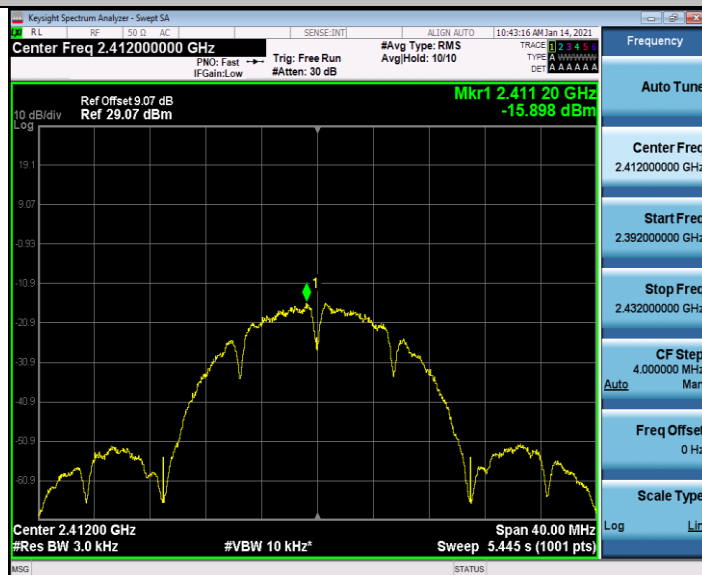
TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	99.76	-	-15.9	<=8	PASS
		2437	99.76	-	-15.67	<=8	PASS
		2462	99.76	-	-14.86	<=8	PASS
11G	Ant1	2412	98.58	-	-16	<=8	PASS
		2437	99.29	-	-15.27	<=8	PASS
		2462	98.58	-	-14.67	<=8	PASS
11N20SISO	Ant1	2412	99.24	-	-16.32	<=8	PASS
		2437	99.24	-	-16.89	<=8	PASS
		2462	99.24	-	-16.52	<=8	PASS
11N40SISO	Ant1	2422	96.97	0.13	-20.06	<=8	PASS
		2437	96.97	0.13	-20.66	<=8	PASS
		2452	98.48	-	-20.67	<=8	PASS

Note:

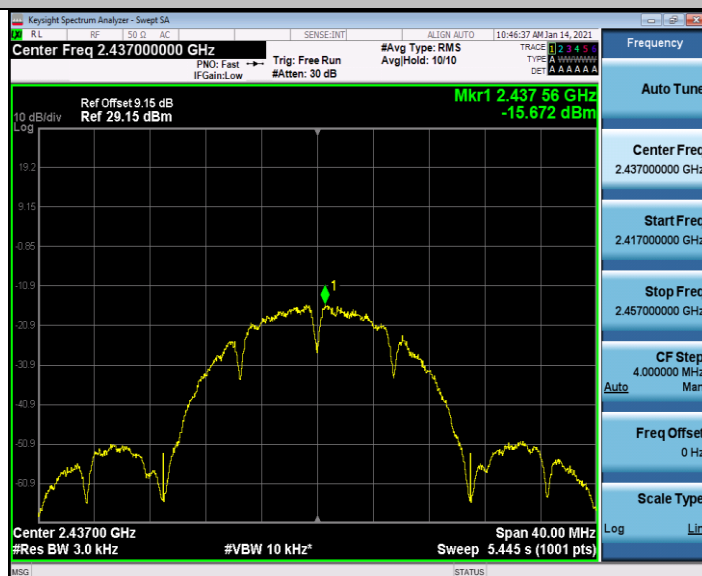
The duty cycle factor has been compensated to the “offset” of the spectrum analyser.

Test Graphs

11B_Ant1_2412



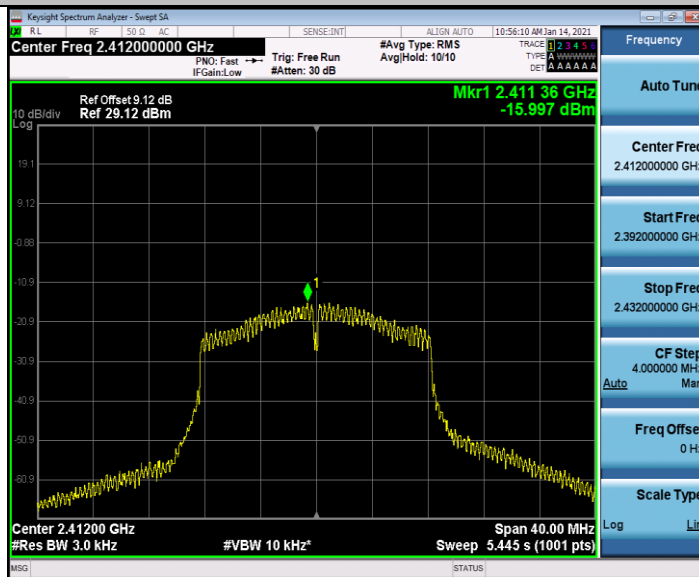
11B_Ant1_2437



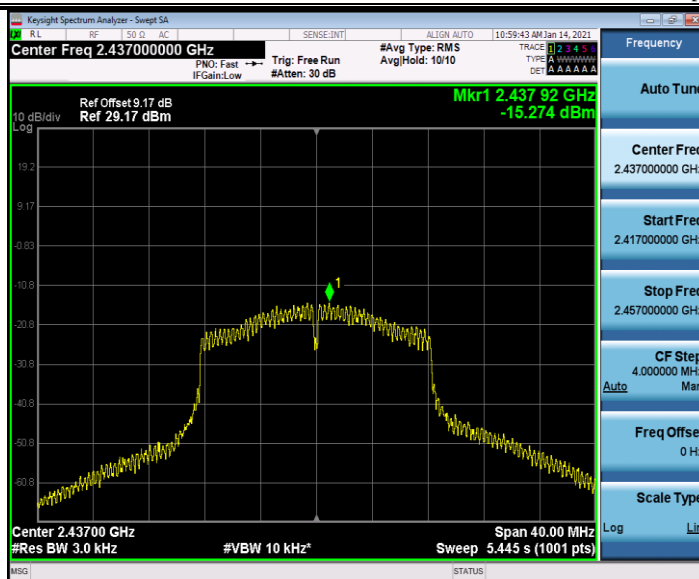
11B_Ant1_2462



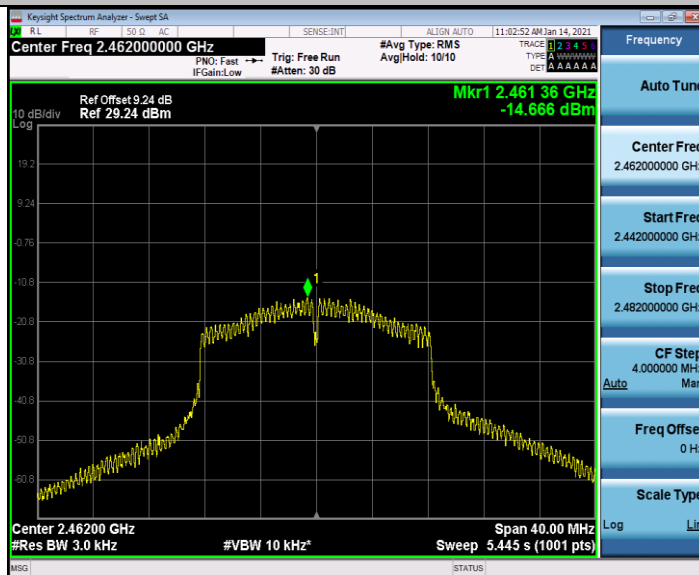
11G_Ant1_2412



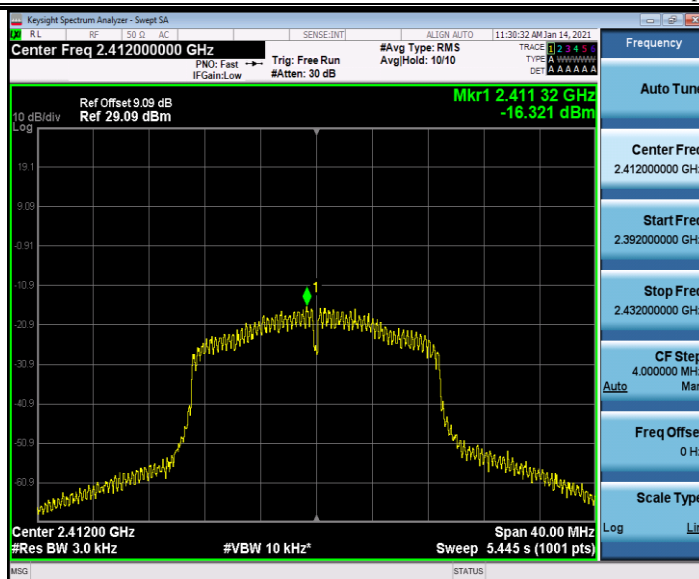
11G_Ant1_2437



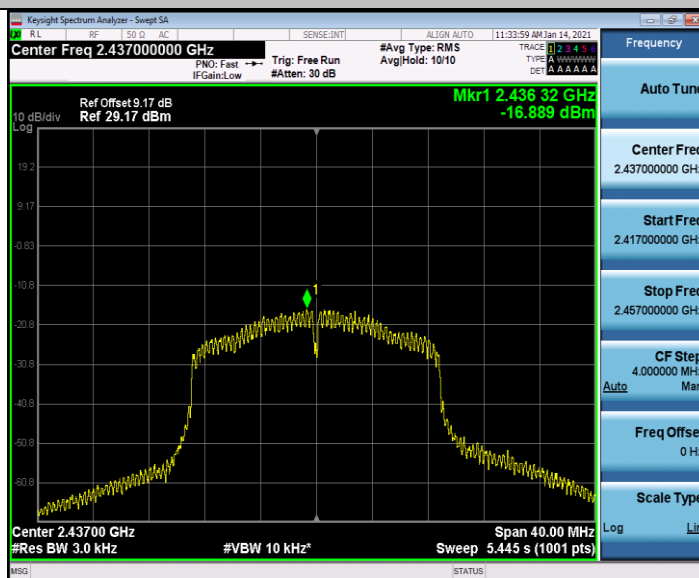
11G_Ant1_2462



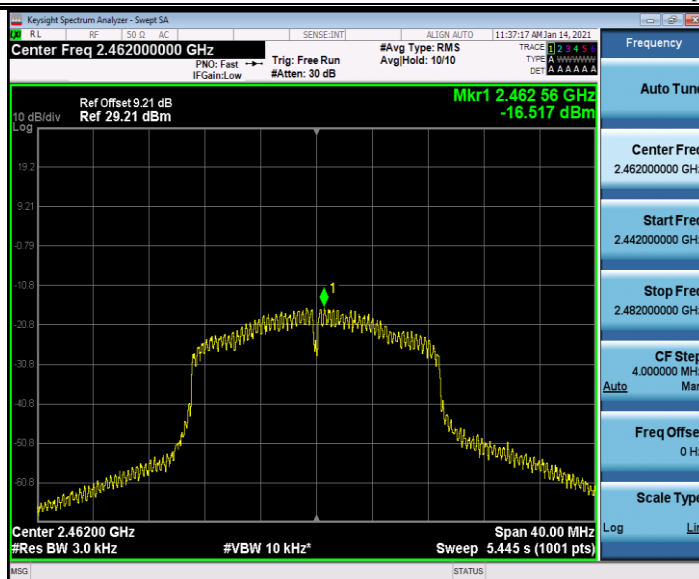
11N20SISO_Ant1_2412



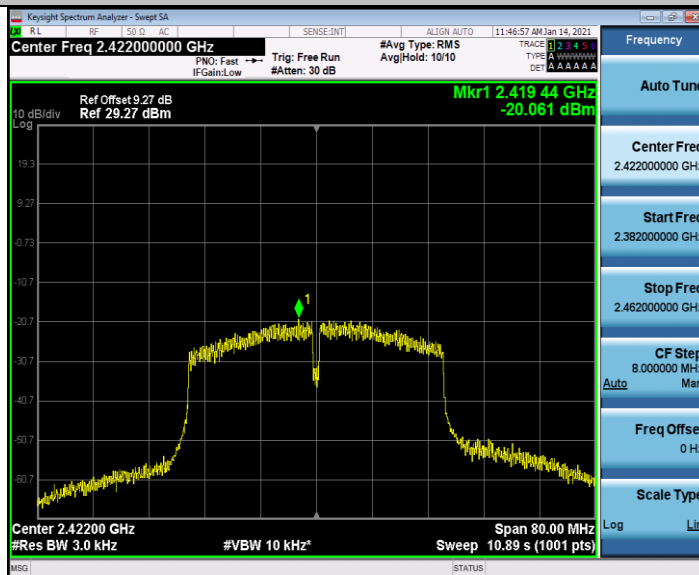
11N20SISO_Ant1_2437



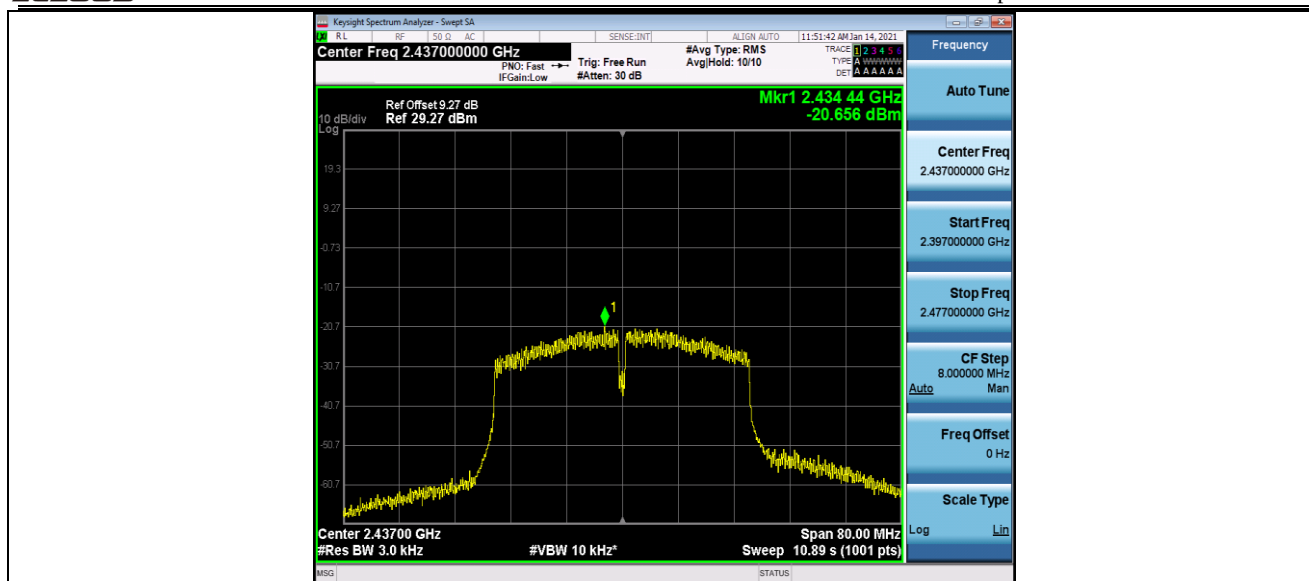
11N20SISO_Ant1_2462



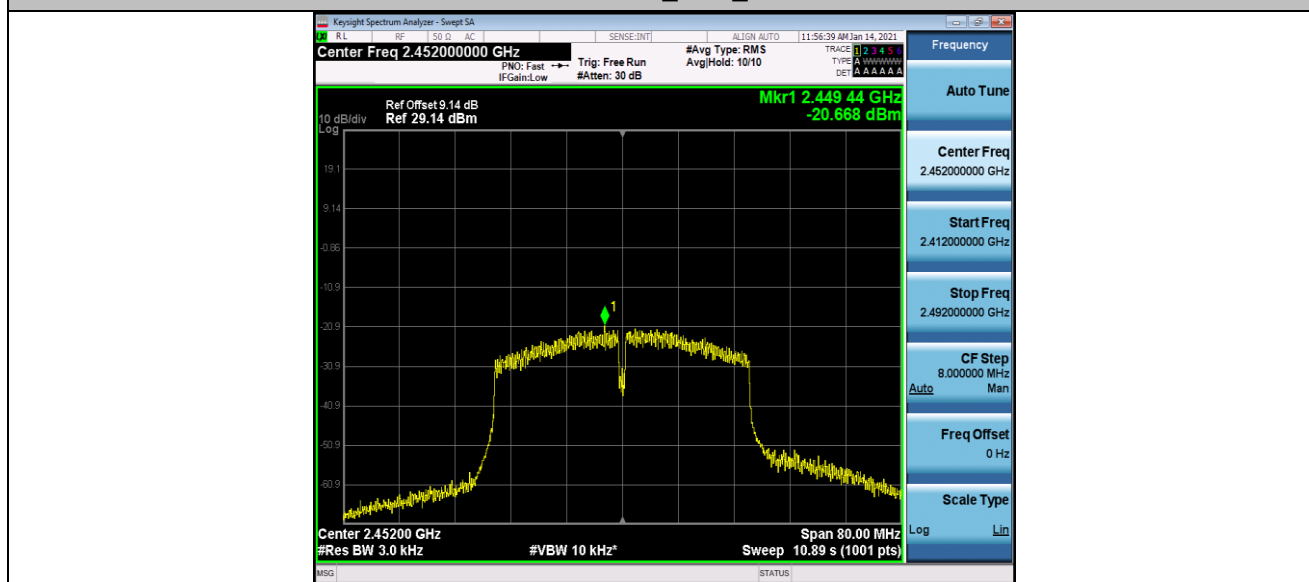
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



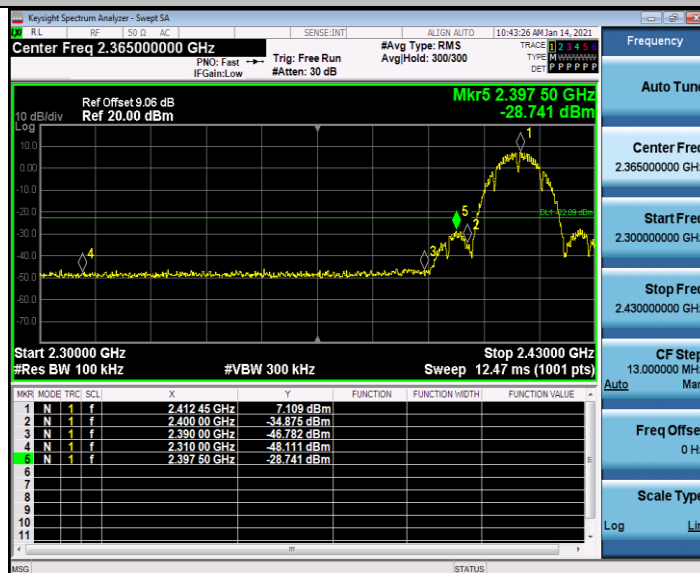
Appendix F: Band edge measurements

Test Result

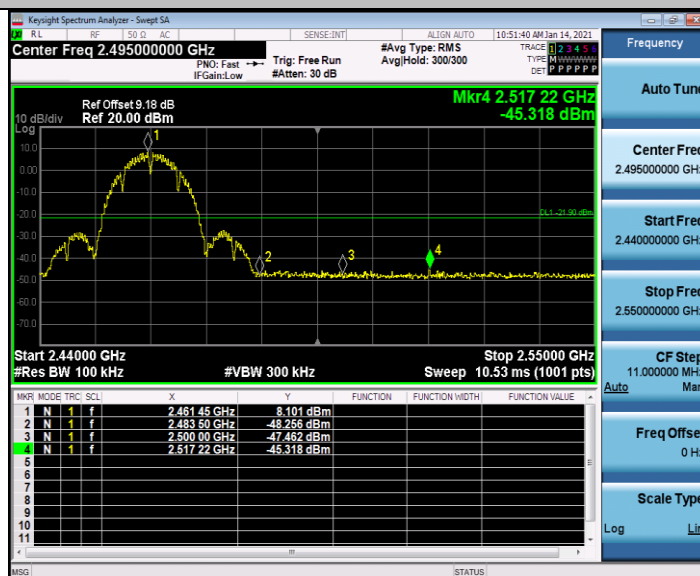
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.11	-28.74	<=-22.89	PASS
		High	2462	8.10	-45.32	<=-21.9	PASS
11G	Ant1	Low	2412	6.36	-30.82	<=-23.64	PASS
		High	2462	8.07	-36.02	<=-21.93	PASS
11N20SISO	Ant1	Low	2412	7.14	-32.09	<=-22.87	PASS
		High	2462	7.51	-40.03	<=-22.49	PASS
11N40SISO	Ant1	Low	2422	3.25	-27.73	<=-26.76	PASS
		High	2452	2.44	-31.04	<=-27.56	PASS

Test Graphs

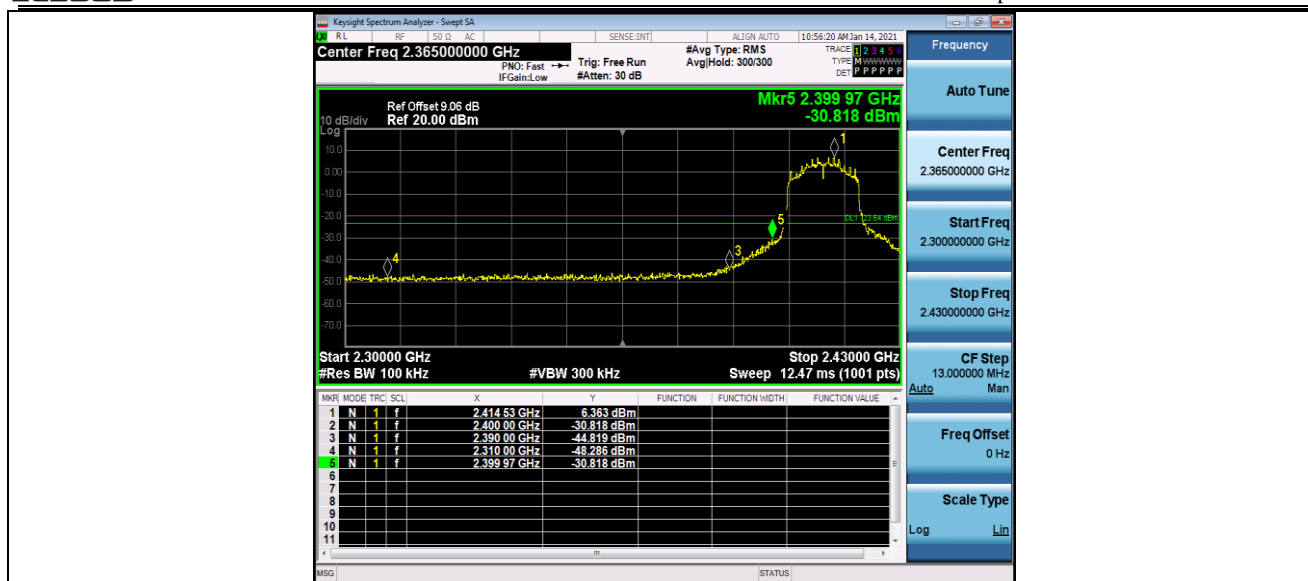
11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422