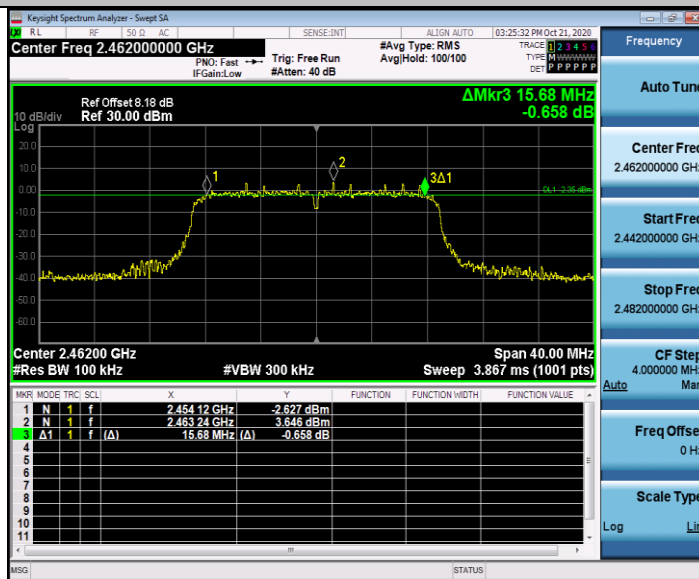


11N20SISO_Ant1_2462



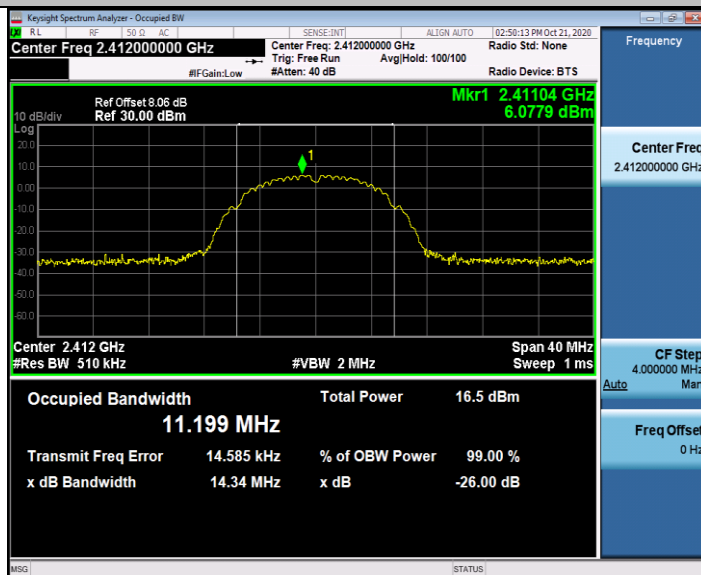
Appendix B: Occupied Channel Bandwidth

Test Result

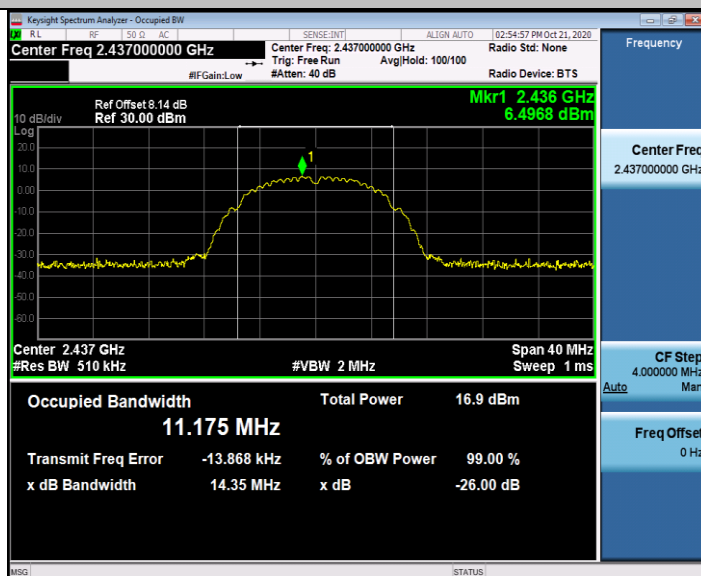
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.199	2406.415	2417.614	---	PASS
		2437	11.175	2431.399	2442.574	---	PASS
		2462	11.219	2456.377	2467.596	---	PASS
11G	Ant1	2412	16.714	2403.583	2420.297	---	PASS
		2437	16.654	2428.651	2445.305	---	PASS
		2462	16.672	2453.672	2470.344	---	PASS
11N20SISO	Ant1	2412	17.450	2403.261	2420.711	---	PASS
		2437	17.460	2428.235	2445.695	---	PASS
		2462	17.464	2453.226	2470.690	---	PASS

Test Graphs

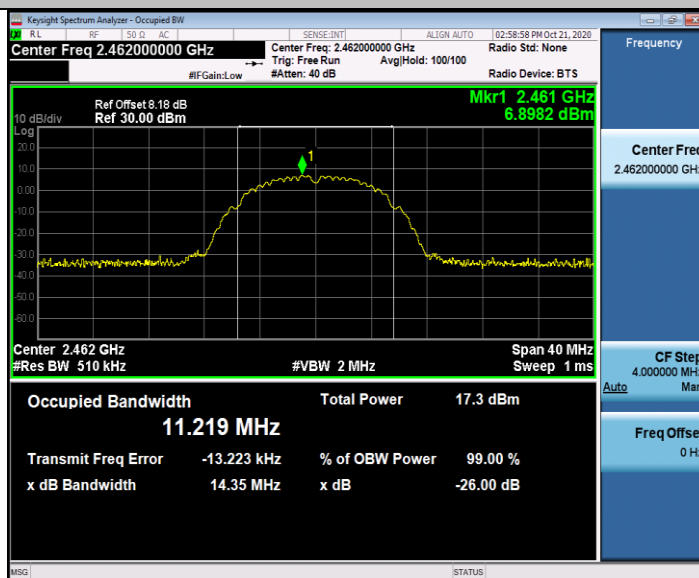
11B_Ant1_2412



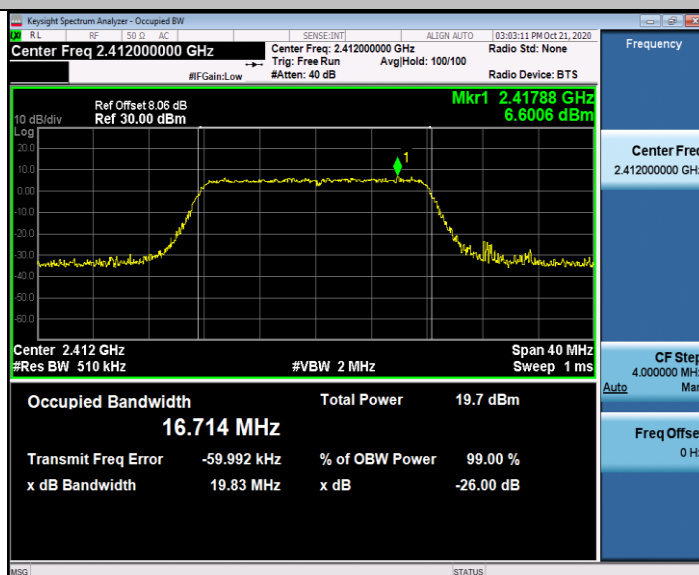
11B_Ant1_2437



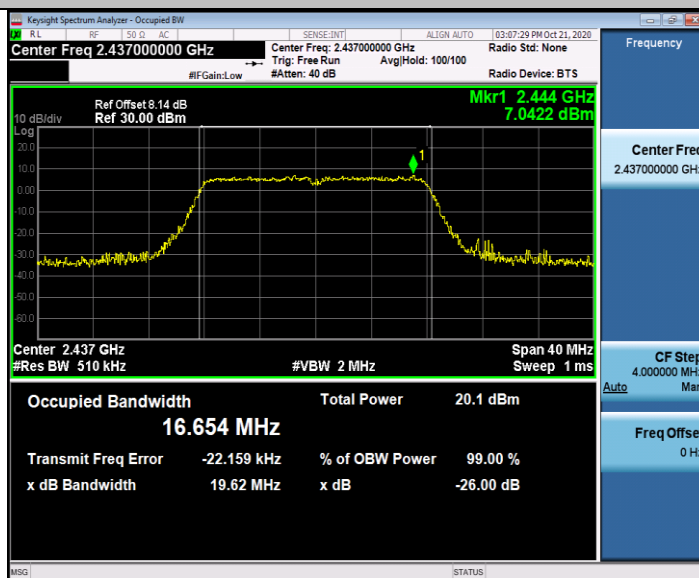
11B_Ant1_2462



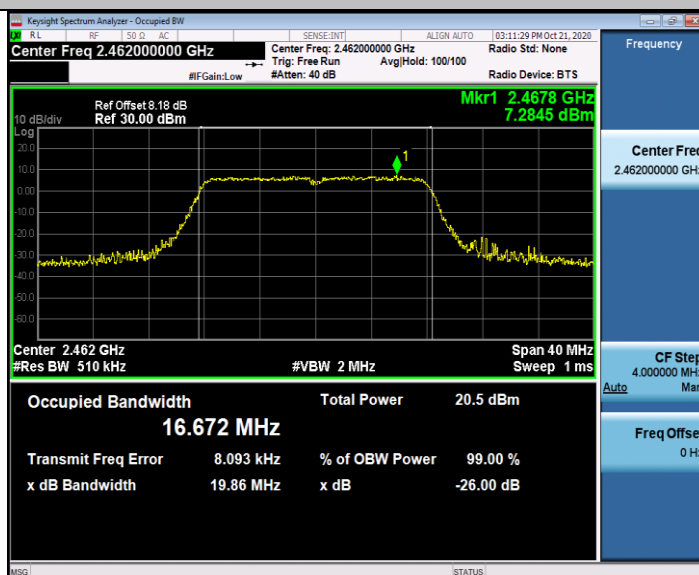
11G_Ant1_2412



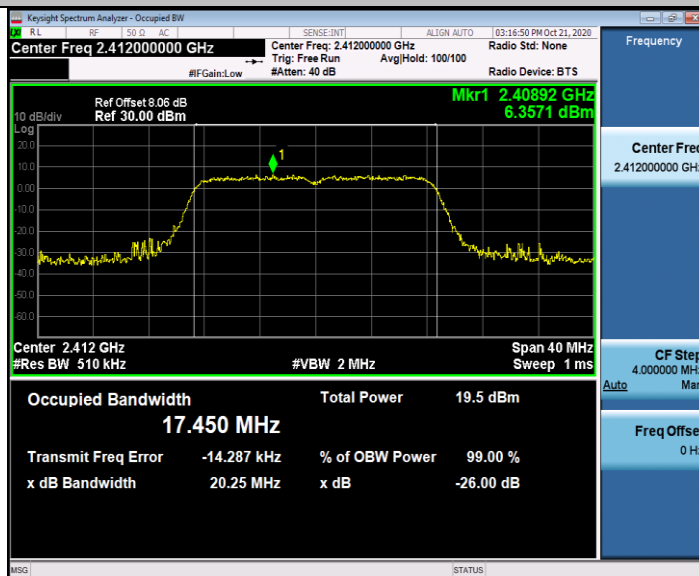
11G_Ant1_2437



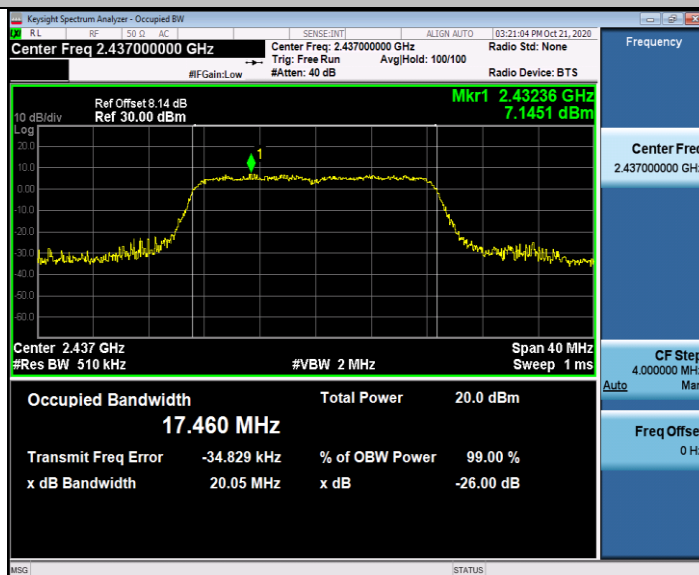
11G_Ant1_2462

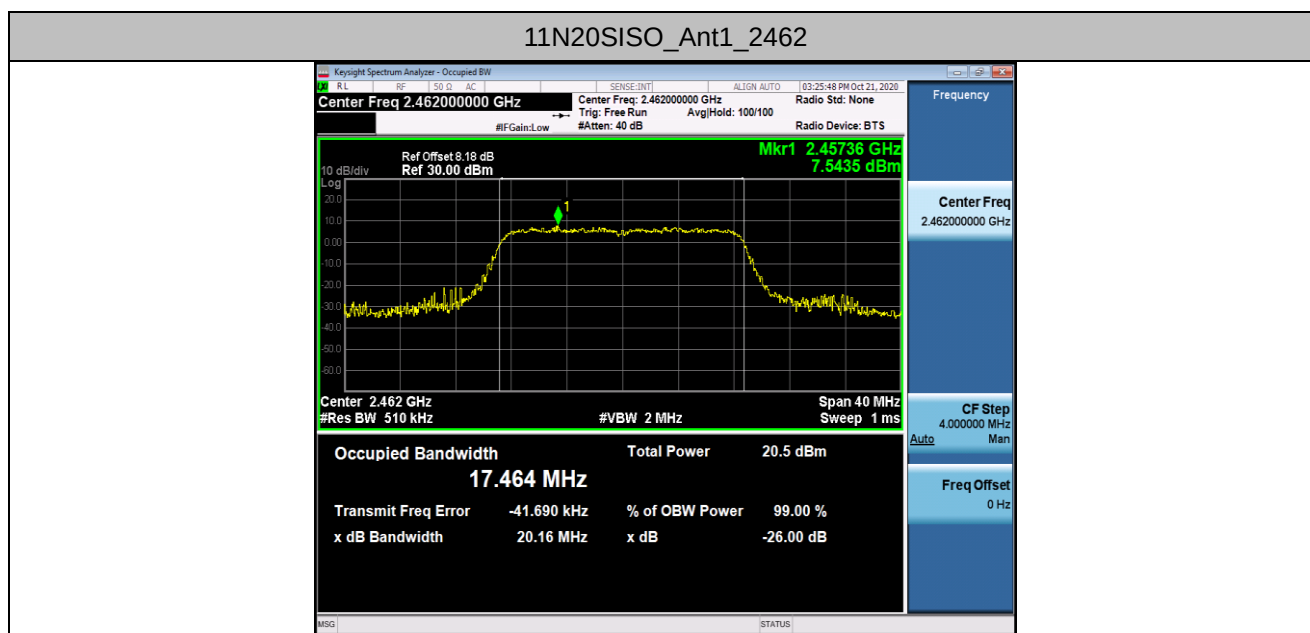


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





Appendix C: Maximum conducted output power

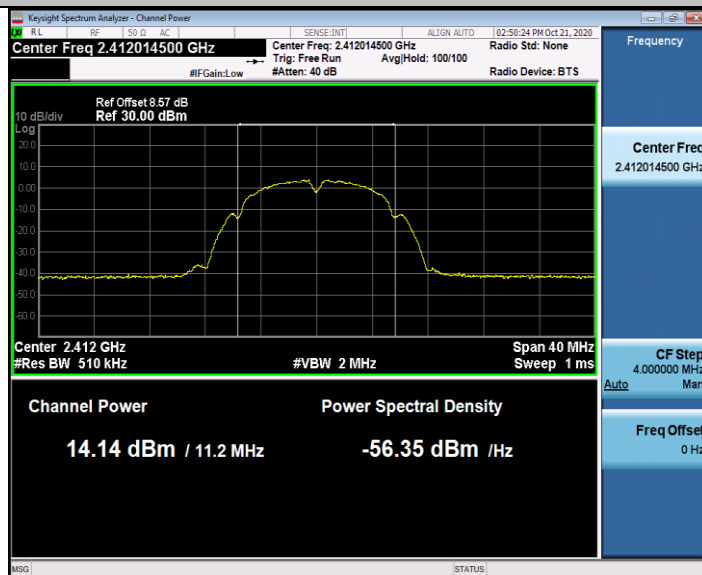
Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	88.87	0.51	14.14	17.14	<=30	PASS
		2437	88.87	0.51	14.44	17.44	<=30	PASS
		2462	88.87	0.51	14.85	17.85	<=30	PASS
11G	Ant1	2412	86.65	0.62	13.68	16.68	<=30	PASS
		2437	86.90	0.61	14.05	17.05	<=30	PASS
		2462	86.78	0.62	14.53	17.53	<=30	PASS
11N20SISO	Ant1	2412	86.00	0.66	13.75	16.75	<=30	PASS
		2437	86.14	0.65	13.92	16.92	<=30	PASS
		2462	85.98	0.66	14.34	17.34	<=30	PASS

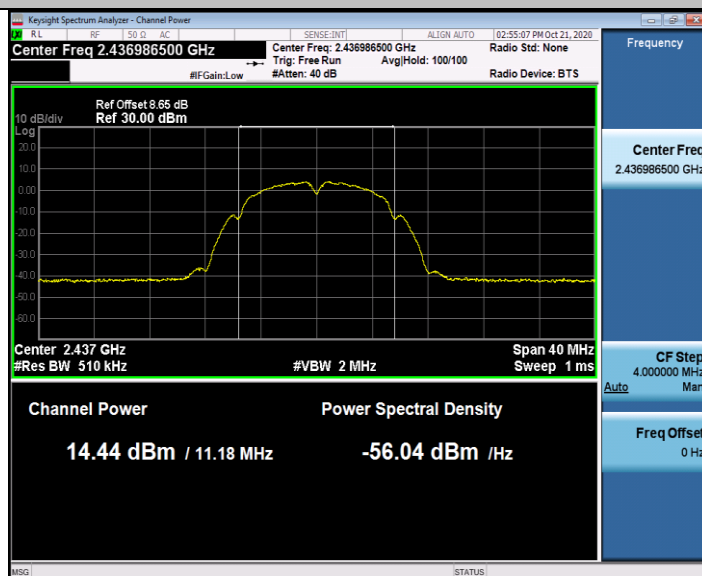
Note: The duty cycle factor has been compensated to the “offset “of the spectrum analyser.

Test Graphs

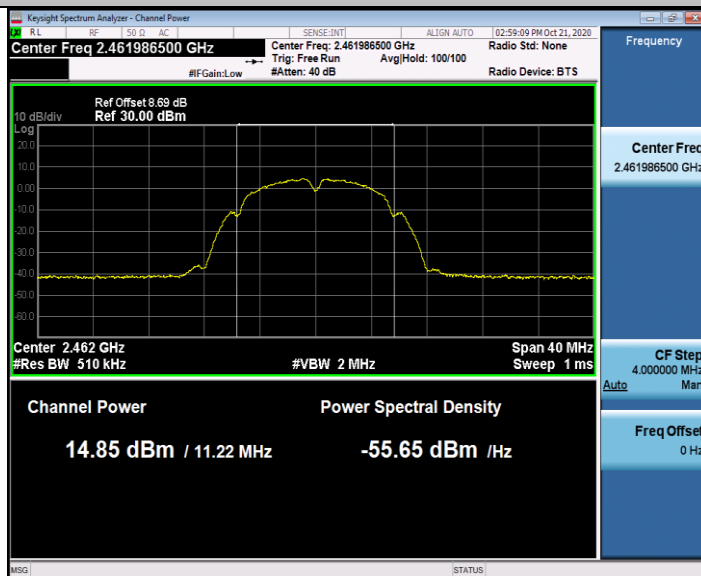
11B_Ant1_2412



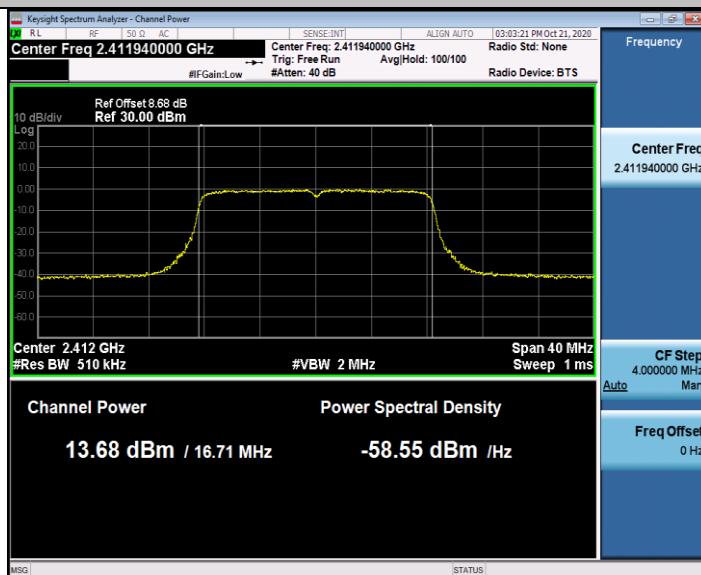
11B_Ant1_2437



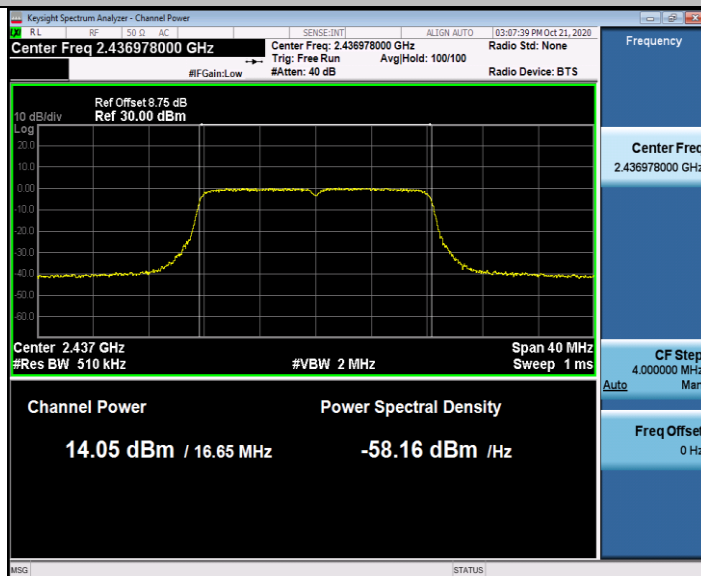
11B_Ant1_2462



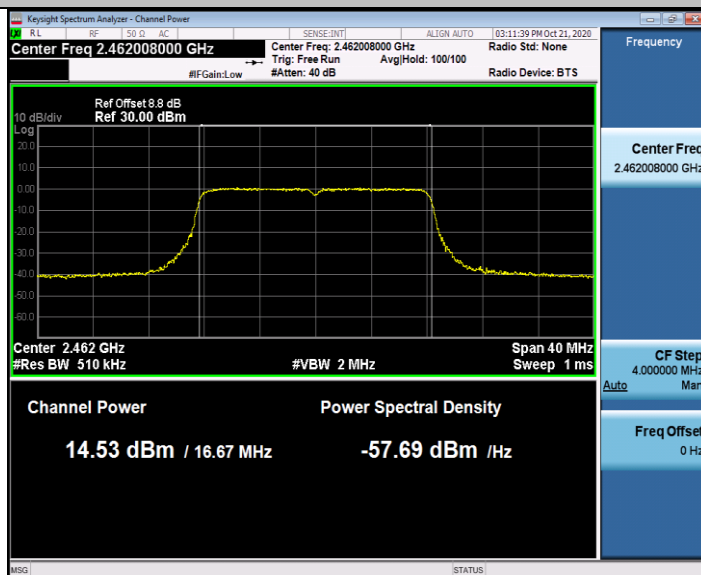
11G_Ant1_2412



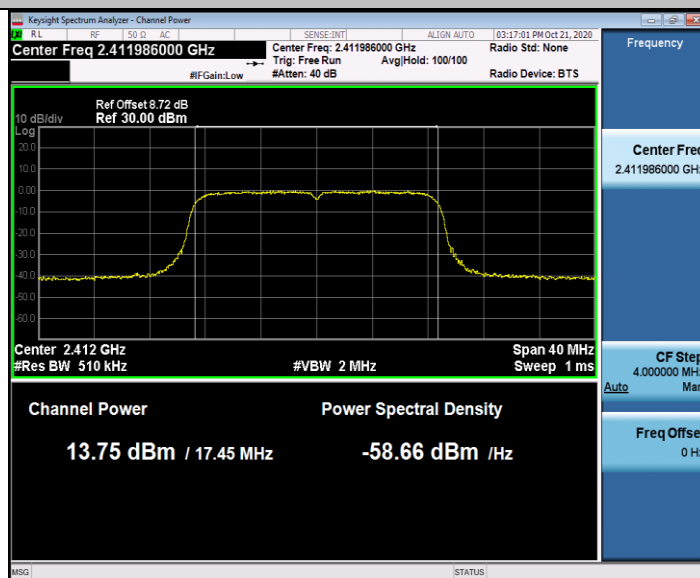
11G_Ant1_2437



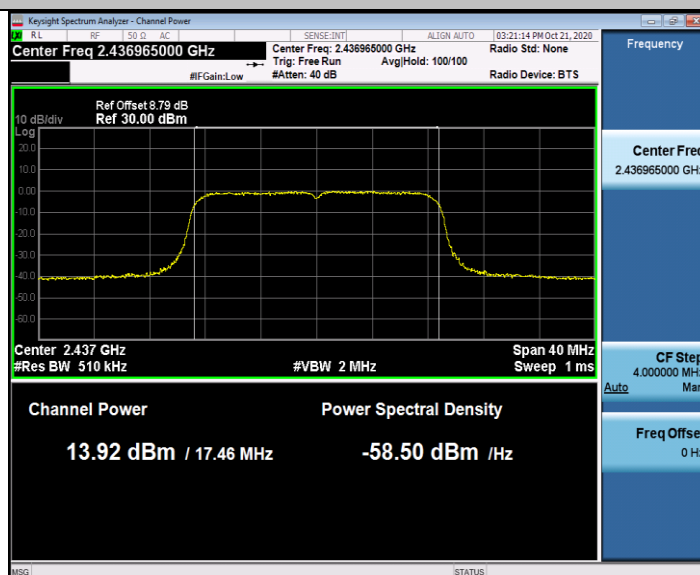
11G_Ant1_2462

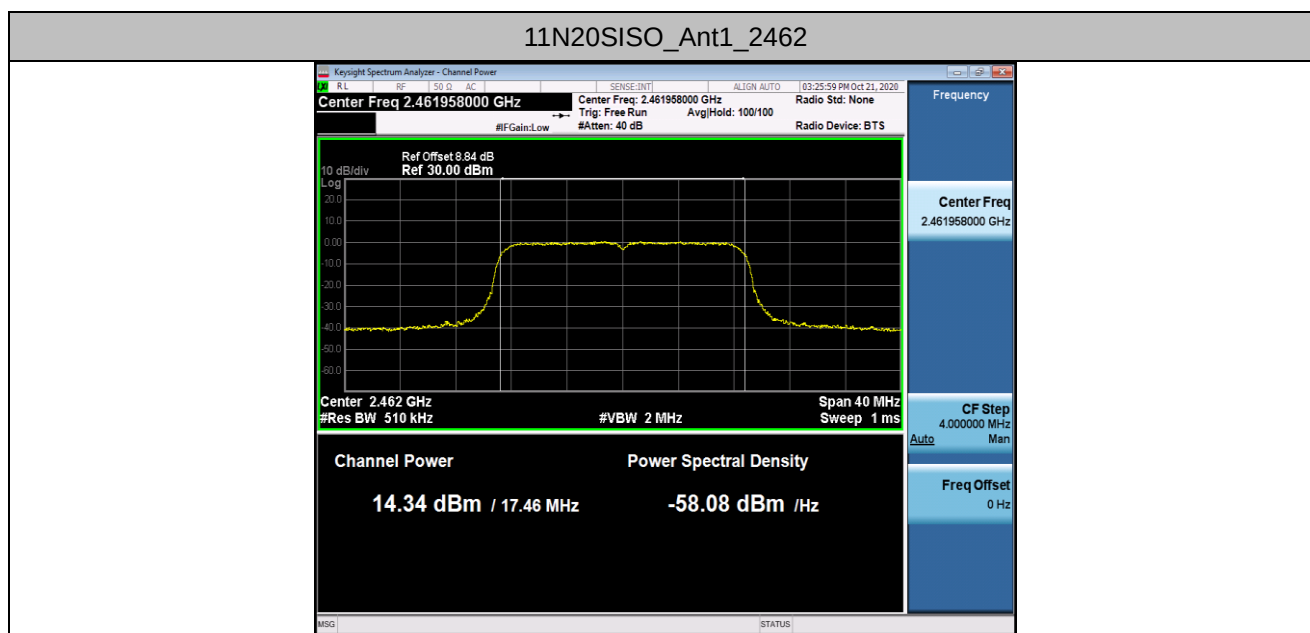


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





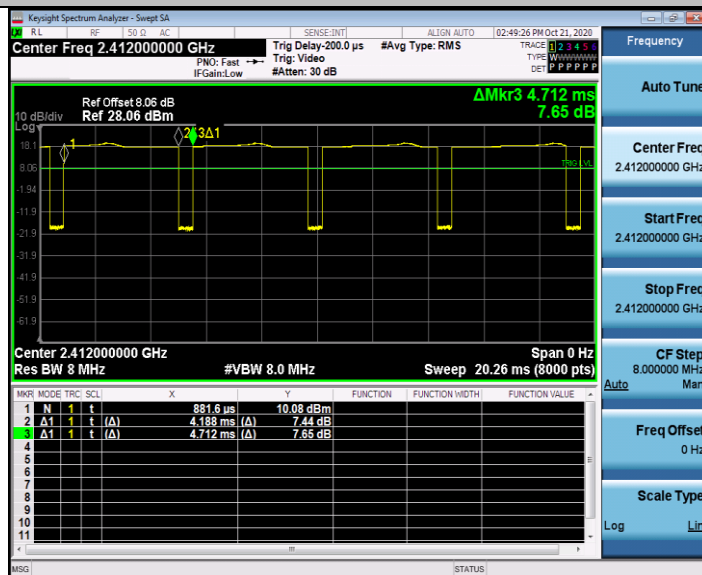
Appendix D: Duty Cycle

Test Result

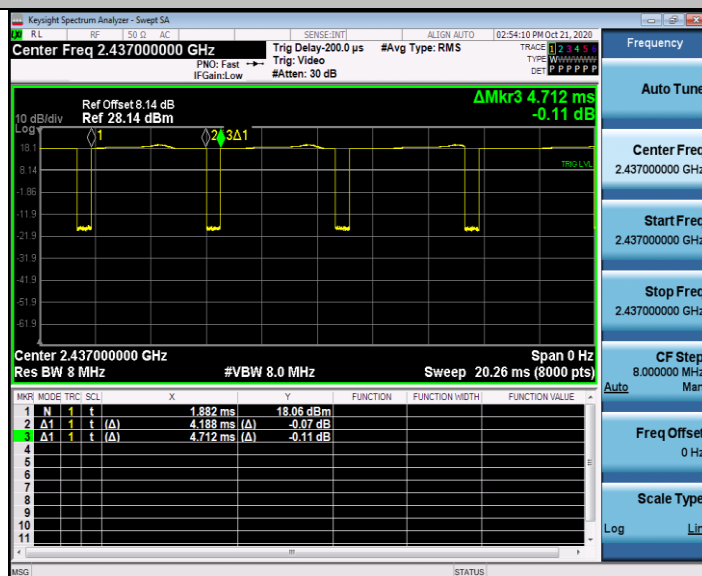
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	4.19	4.71	88.87
		2437	4.19	4.71	88.87
		2462	4.19	4.71	88.87
11G	Ant1	2412	0.69	0.80	86.65
		2437	0.69	0.79	86.90
		2462	0.69	0.80	86.78
11N20SISO	Ant1	2412	0.65	0.76	86.00
		2437	0.65	0.76	86.14
		2462	0.65	0.76	85.98

Test Graphs

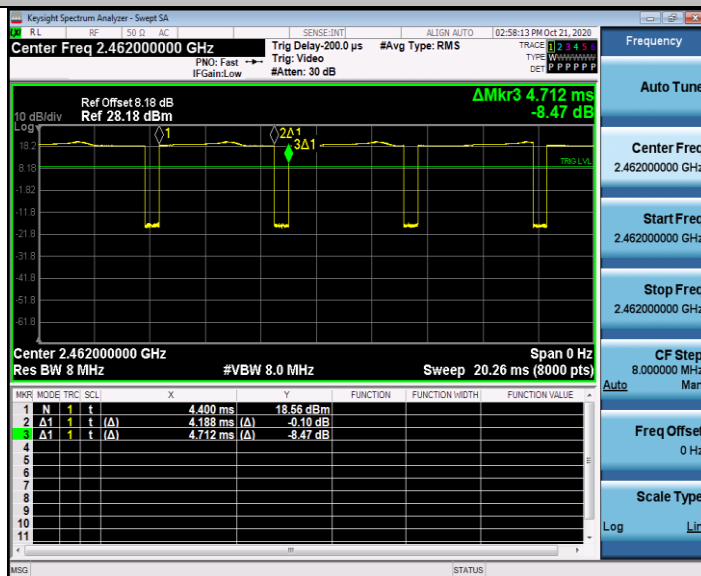
11B_Ant1_2412



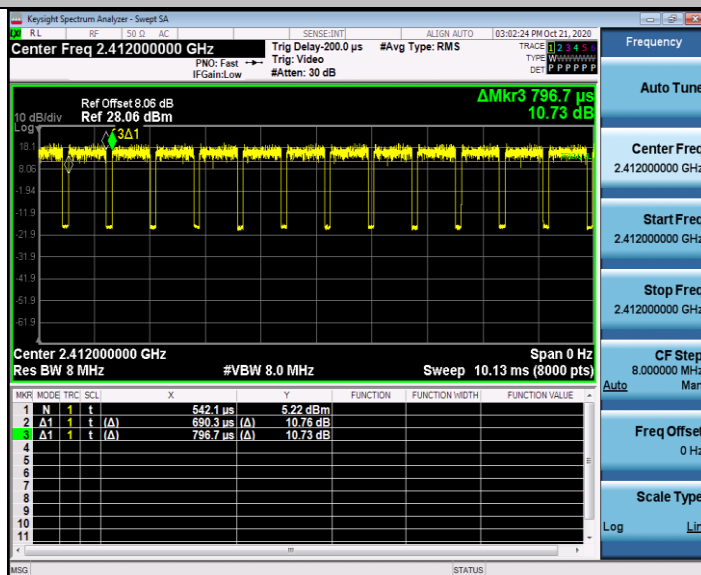
11B_Ant1_2437



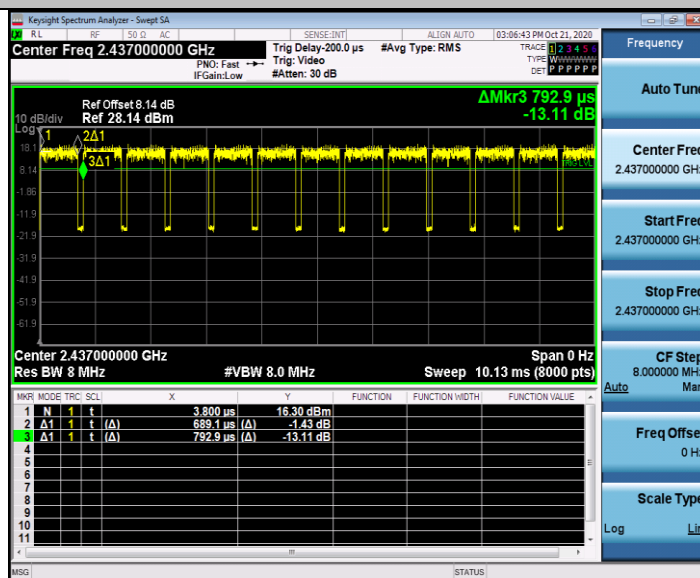
11B_Ant1_2462



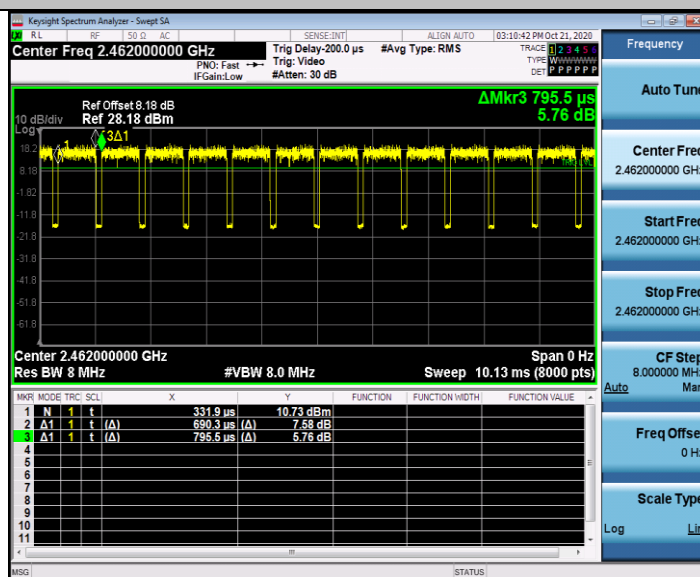
11G_Ant1_2412



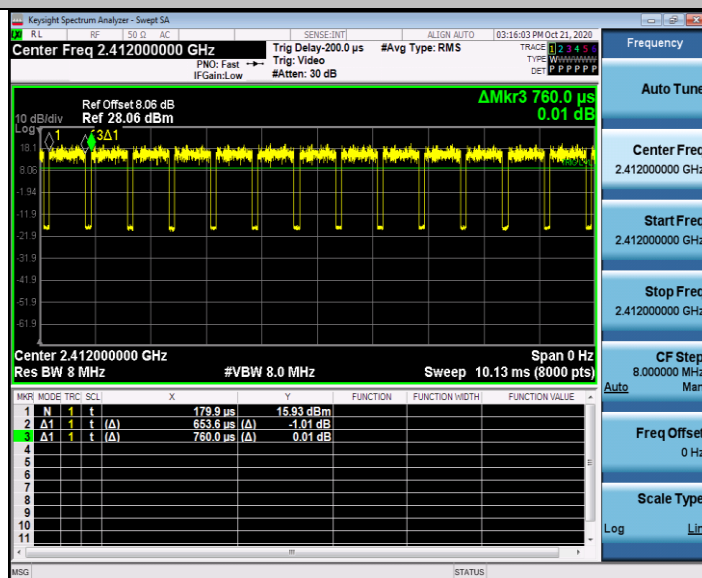
11G Ant1 2437



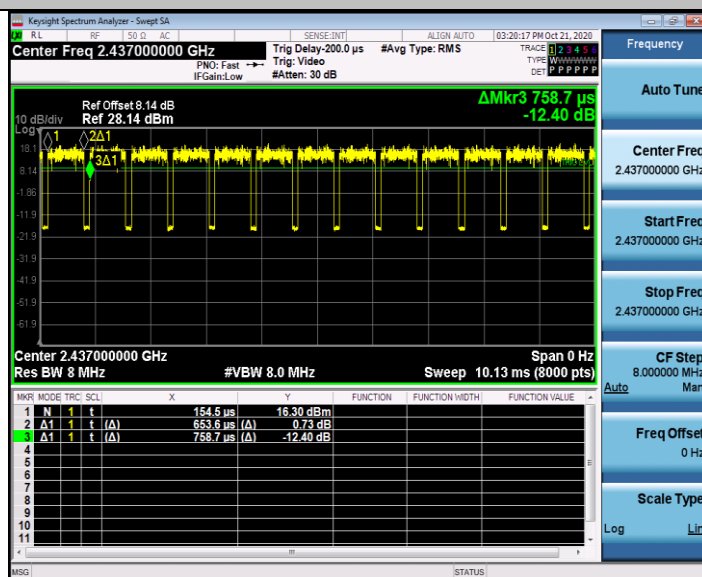
11G Ant1 2462

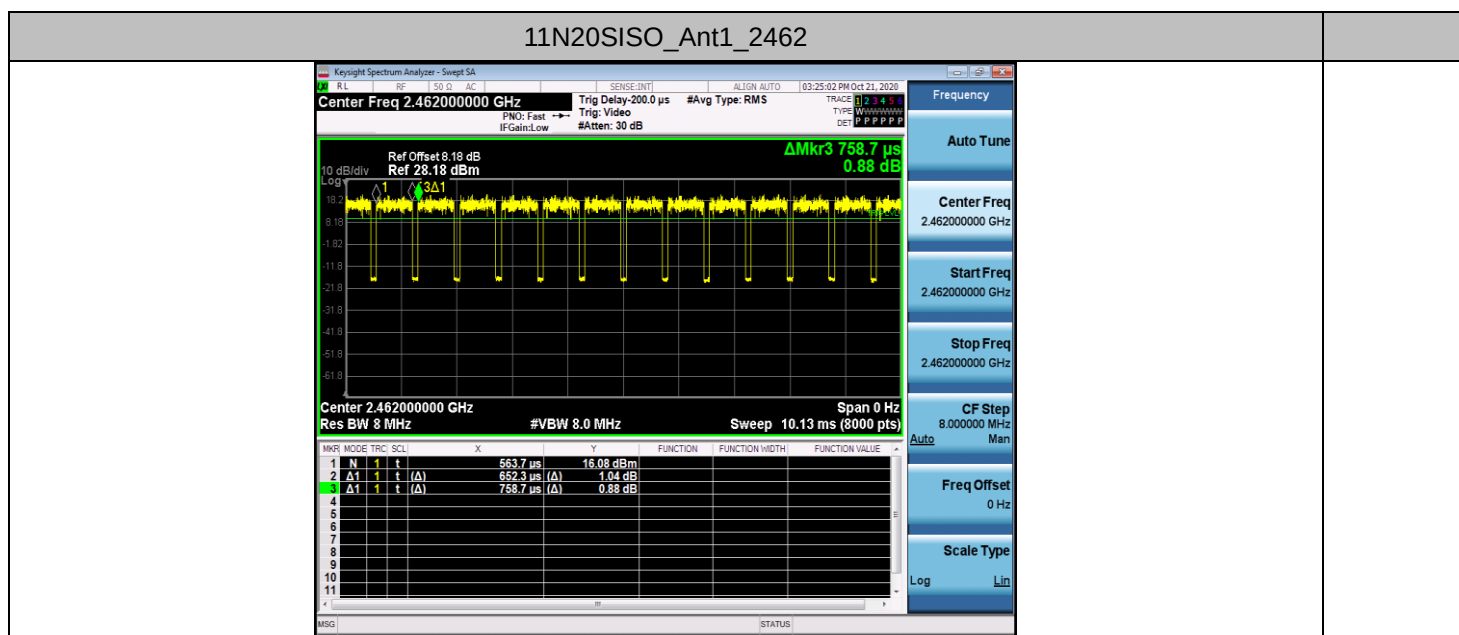


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





Appendix E: Maximum power spectral density

Test Result

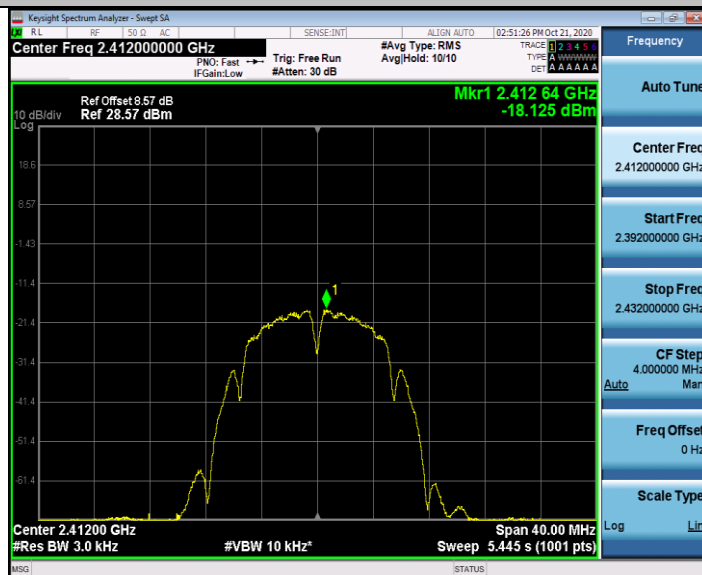
TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	88.87	0.51	-18.13	<=8	PASS
		2437	88.87	0.51	-17.54	<=8	PASS
		2462	88.87	0.51	-16.86	<=8	PASS
11G	Ant1	2412	86.65	0.62	-20.48	<=8	PASS
		2437	86.90	0.61	-20.19	<=8	PASS
		2462	86.78	0.62	-19.49	<=8	PASS
11N20SISO	Ant1	2412	86.00	0.66	-19.51	<=8	PASS
		2437	86.14	0.65	-19.22	<=8	PASS
		2462	85.98	0.66	-18.76	<=8	PASS

Note:

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

Test Graphs

11B_Ant1_2412



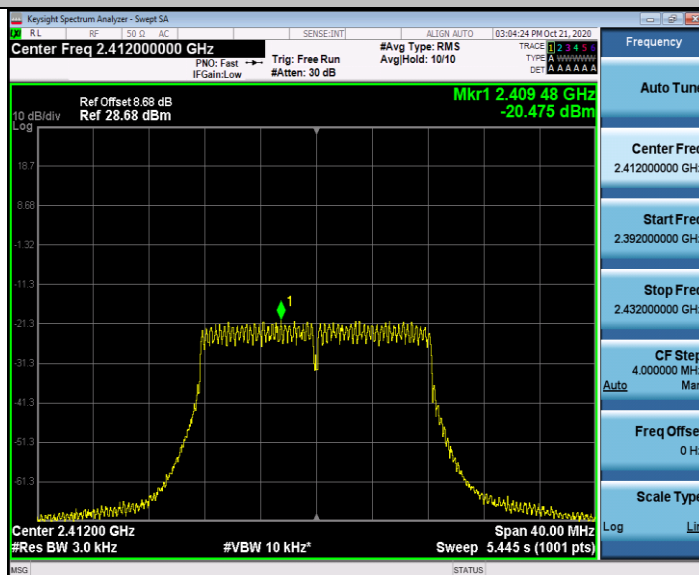
11B_Ant1_2437



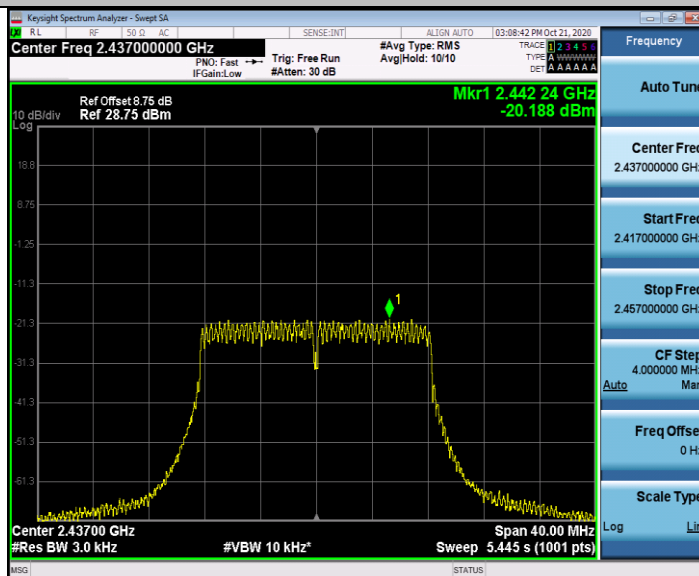
11B_Ant1_2462



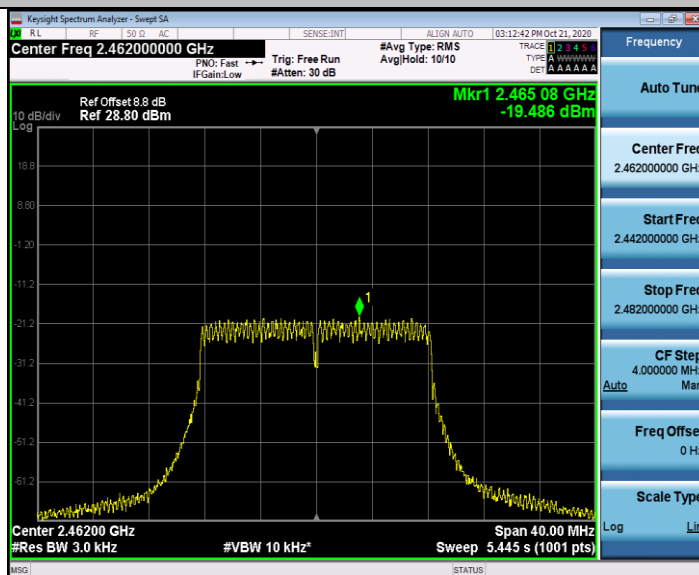
11G_Ant1_2412



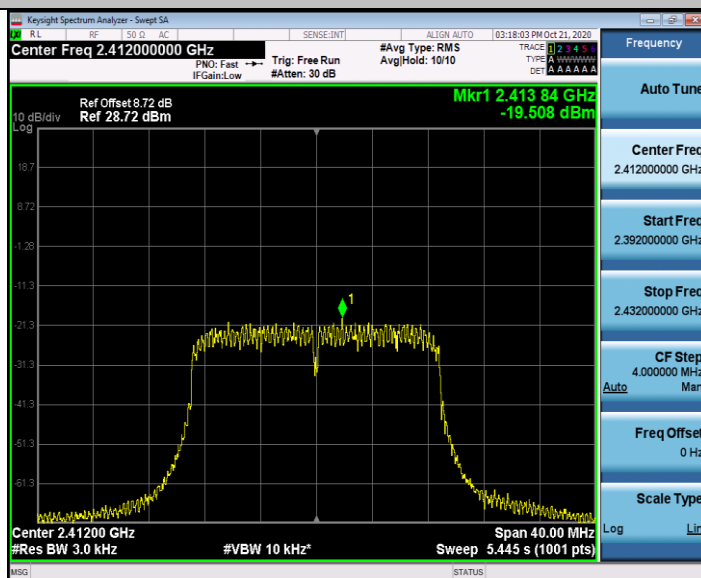
11G_Ant1_2437



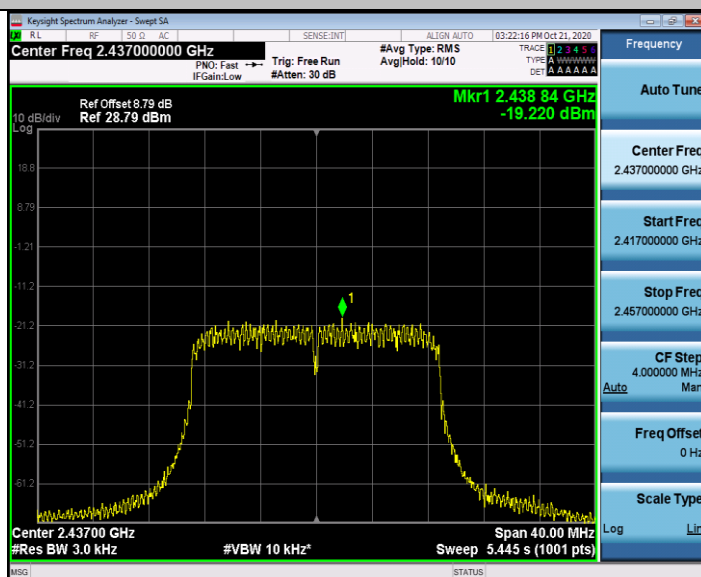
11G_Ant1_2462



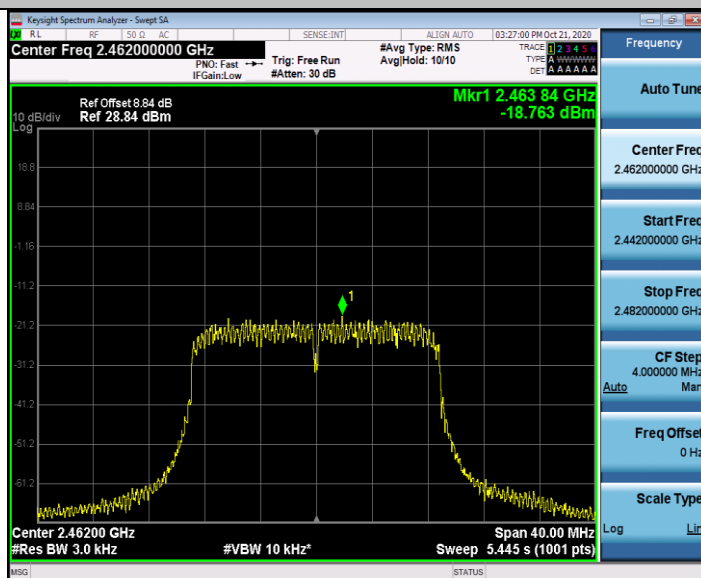
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



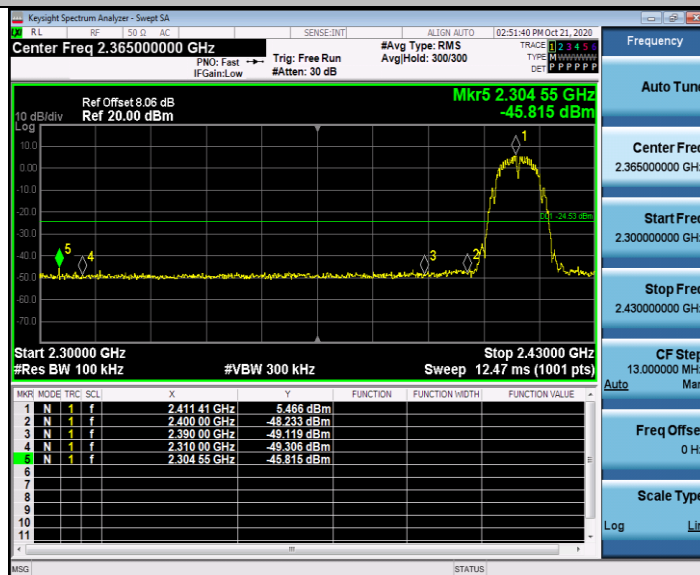
Appendix F: Band edge measurements

Test Result

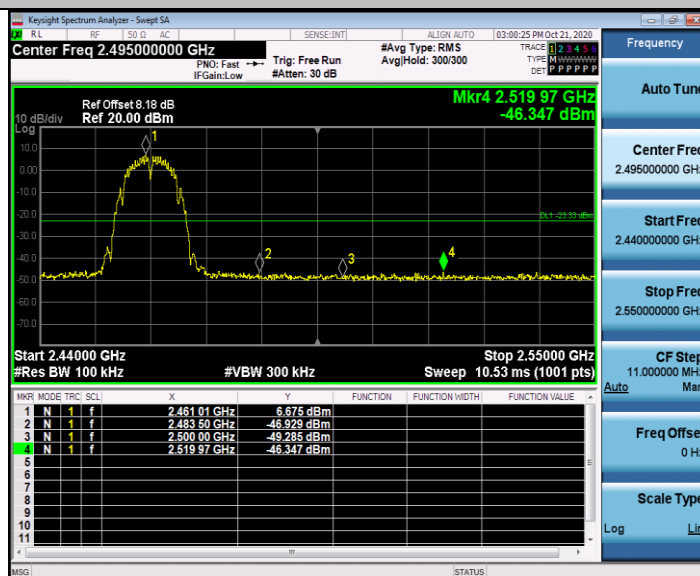
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.47	-45.82	<=-24.53	PASS
		High	2462	6.68	-46.35	<=-23.33	PASS
11G	Ant1	Low	2412	2.54	-40.5	<=-27.46	PASS
		High	2462	3.17	-43.74	<=-26.83	PASS
11N20SISO	Ant1	Low	2412	2.76	-36	<=-27.24	PASS
		High	2462	3.65	-44.45	<=-26.35	PASS

Test Graphs

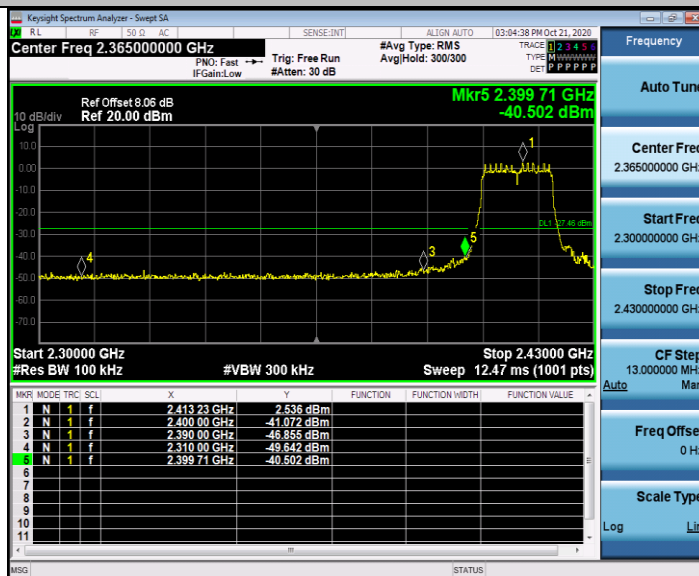
11B_Ant1_Low_2412



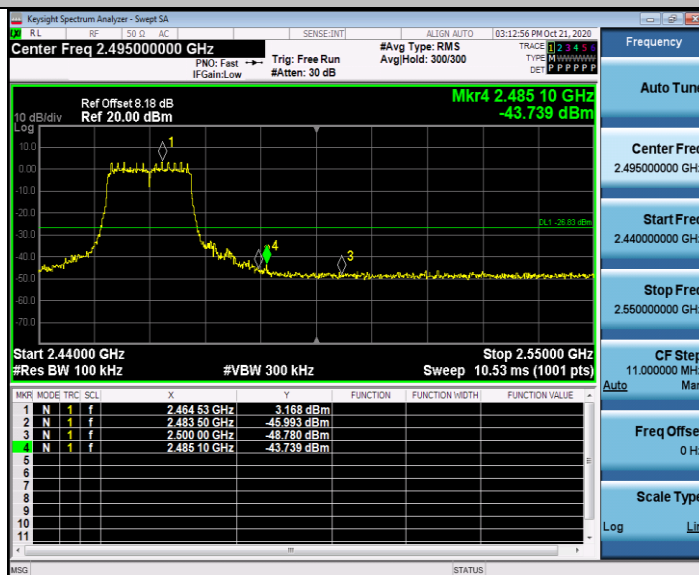
11B_Ant1_High_2462



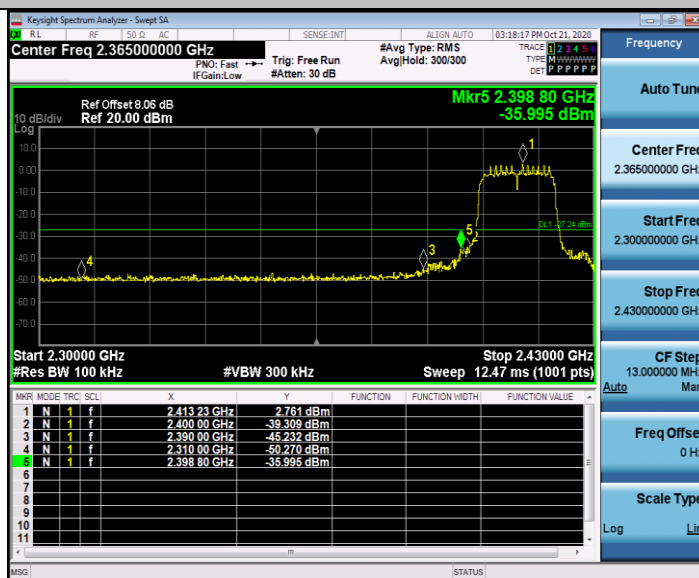
11G_Ant1_Low_2412



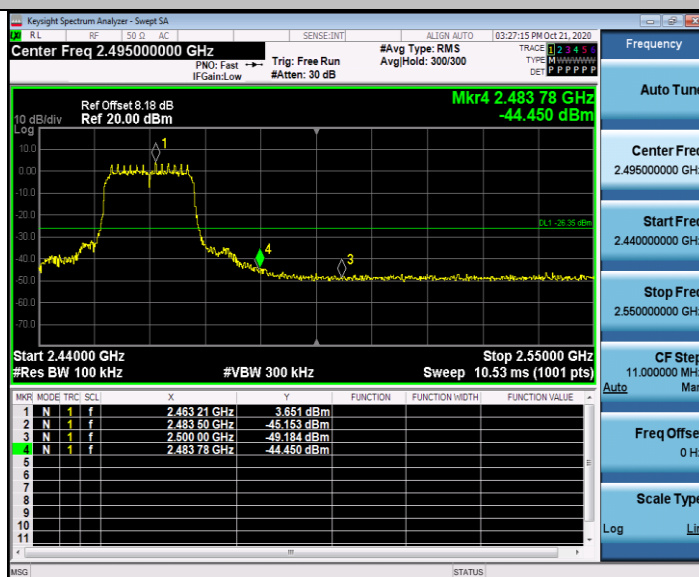
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix G: Conducted Spurious Emission

Test Result

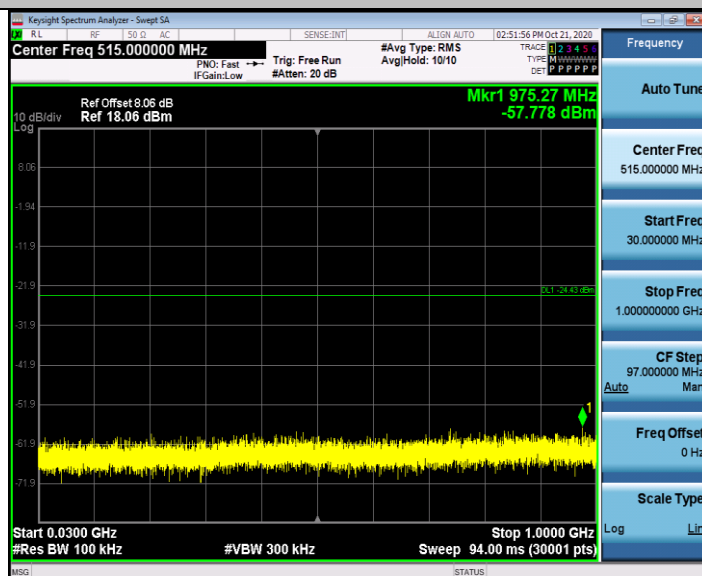
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.57	5.57	---	PASS
			30~1000	30~1000	-57.778	<=-24.426	PASS
			1000~26500	1000~26500	-38.188	<=-24.426	PASS
		2437	Reference	5.82	5.82	---	PASS
			30~1000	30~1000	-57.877	<=-24.185	PASS
			1000~26500	1000~26500	-38.075	<=-24.185	PASS
		2462	Reference	6.23	6.23	---	PASS
			30~1000	30~1000	-57.728	<=-23.773	PASS
			1000~26500	1000~26500	-38.427	<=-23.773	PASS
11G	Ant1	2412	Reference	2.25	2.25	---	PASS
			30~1000	30~1000	-58.247	<=-27.746	PASS
			1000~26500	1000~26500	-38.322	<=-27.746	PASS
		2437	Reference	2.91	2.91	---	PASS
			30~1000	30~1000	-57.771	<=-27.094	PASS
			1000~26500	1000~26500	-38.122	<=-27.094	PASS
		2462	Reference	3.47	3.47	---	PASS
			30~1000	30~1000	-57.457	<=-26.53	PASS
			1000~26500	1000~26500	-38.735	<=-26.53	PASS
11N20SISO	Ant1	2412	Reference	2.47	2.47	---	PASS
			30~1000	30~1000	-58.457	<=-27.526	PASS
			1000~26500	1000~26500	-36.998	<=-27.526	PASS
		2437	Reference	2.58	2.58	---	PASS
			30~1000	30~1000	-57.941	<=-27.417	PASS
			1000~26500	1000~26500	-38.555	<=-27.417	PASS
		2462	Reference	3.54	3.54	---	PASS
			30~1000	30~1000	-57.148	<=-26.464	PASS
			1000~26500	1000~26500	-38.552	<=-26.464	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference

