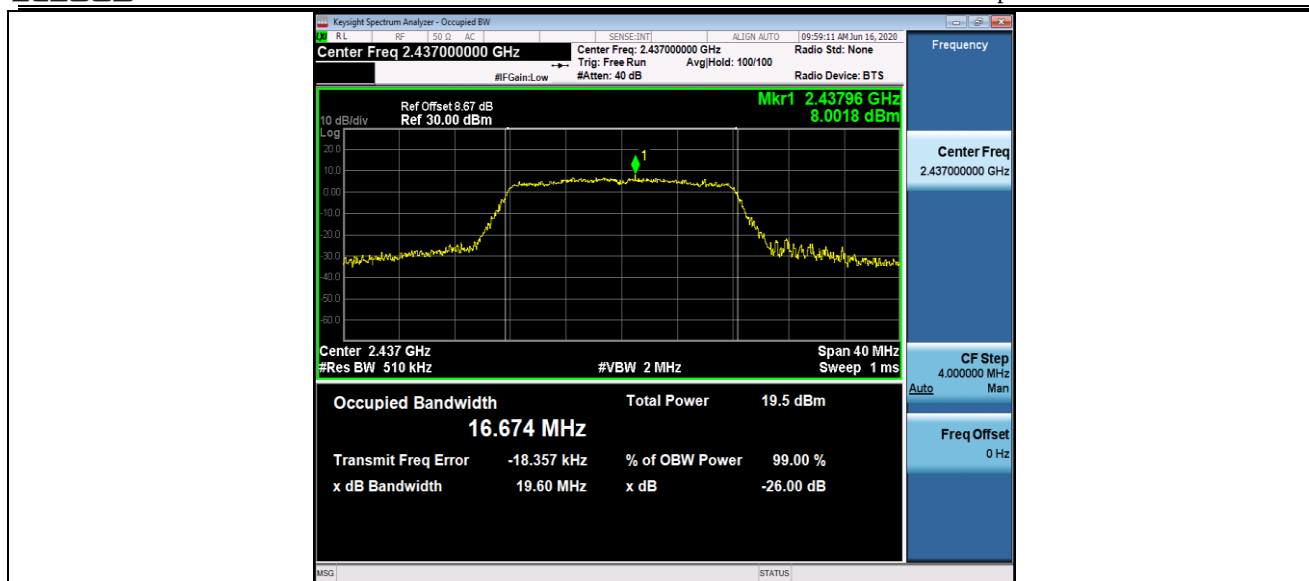
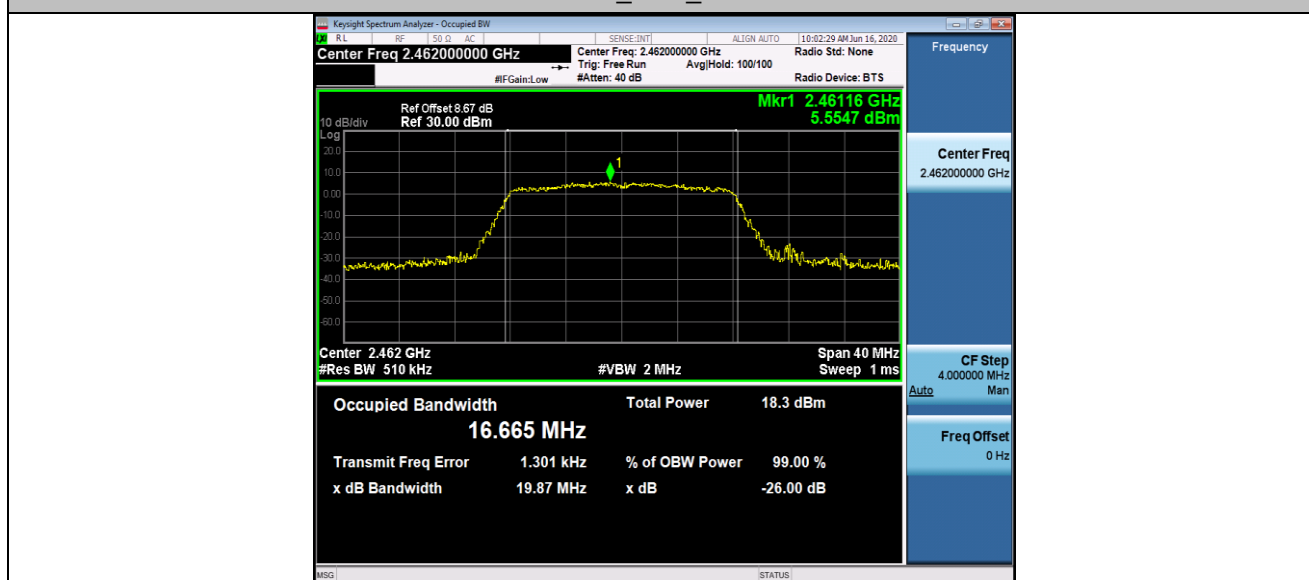




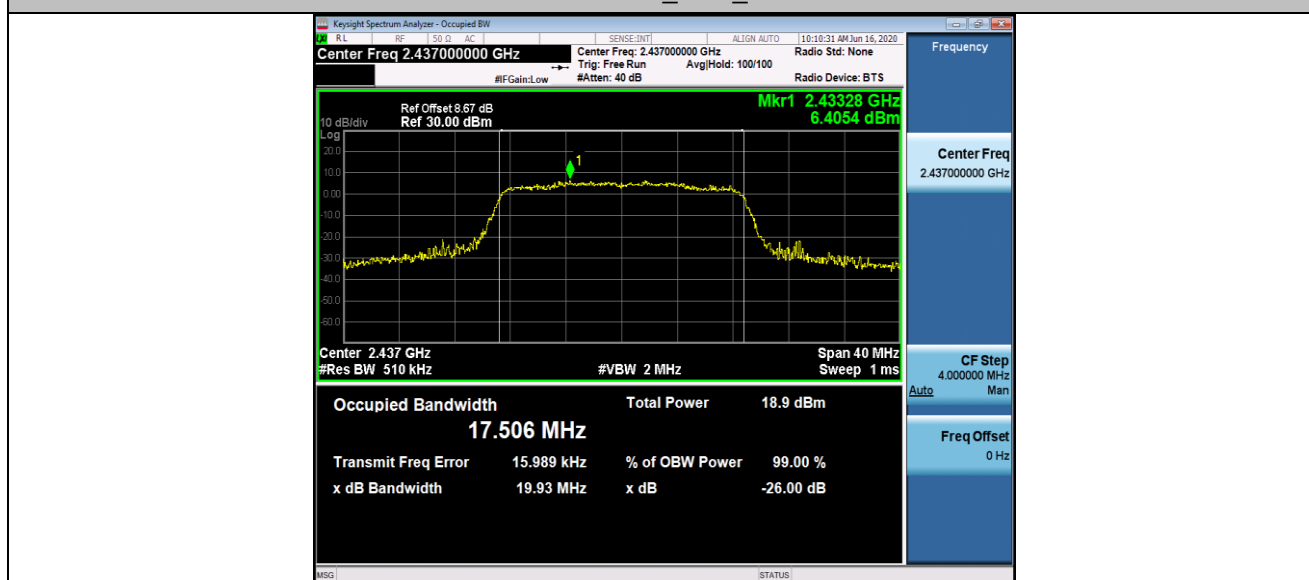
11G_Ant1_2462



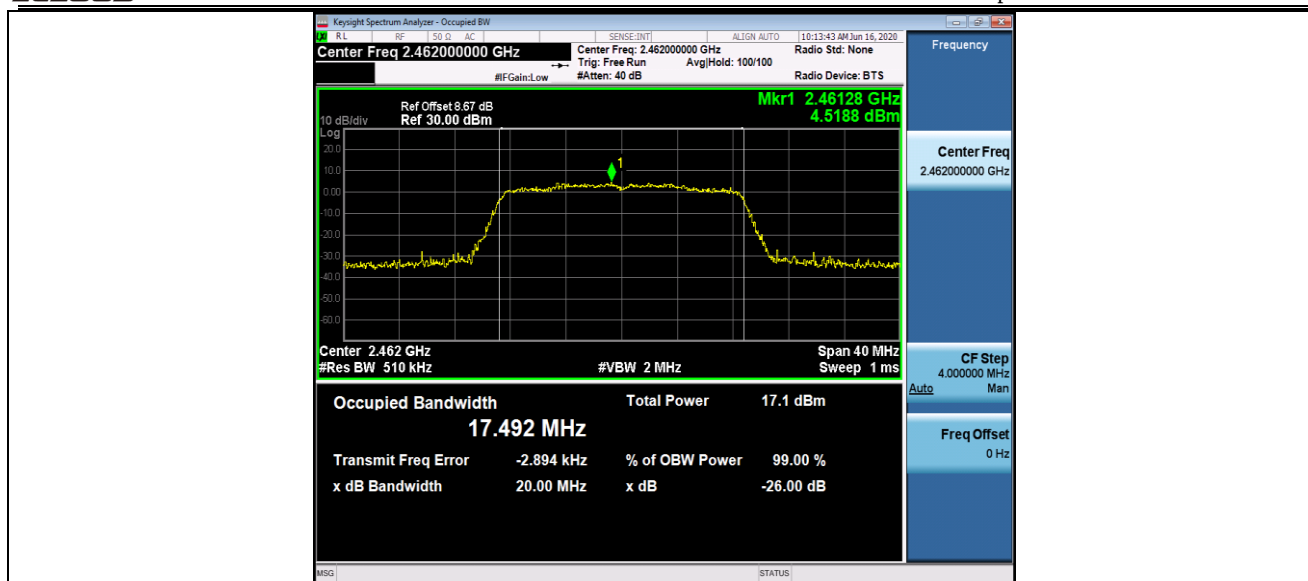
11N20SISO_Ant1_2412



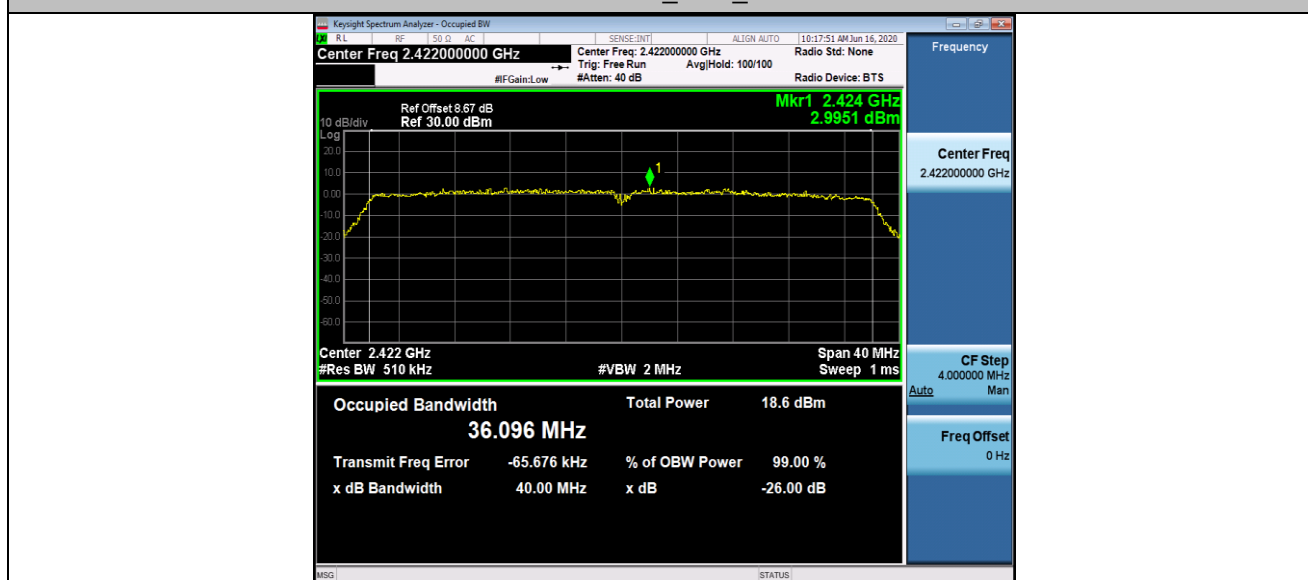
11N20SISO_Ant1_2437



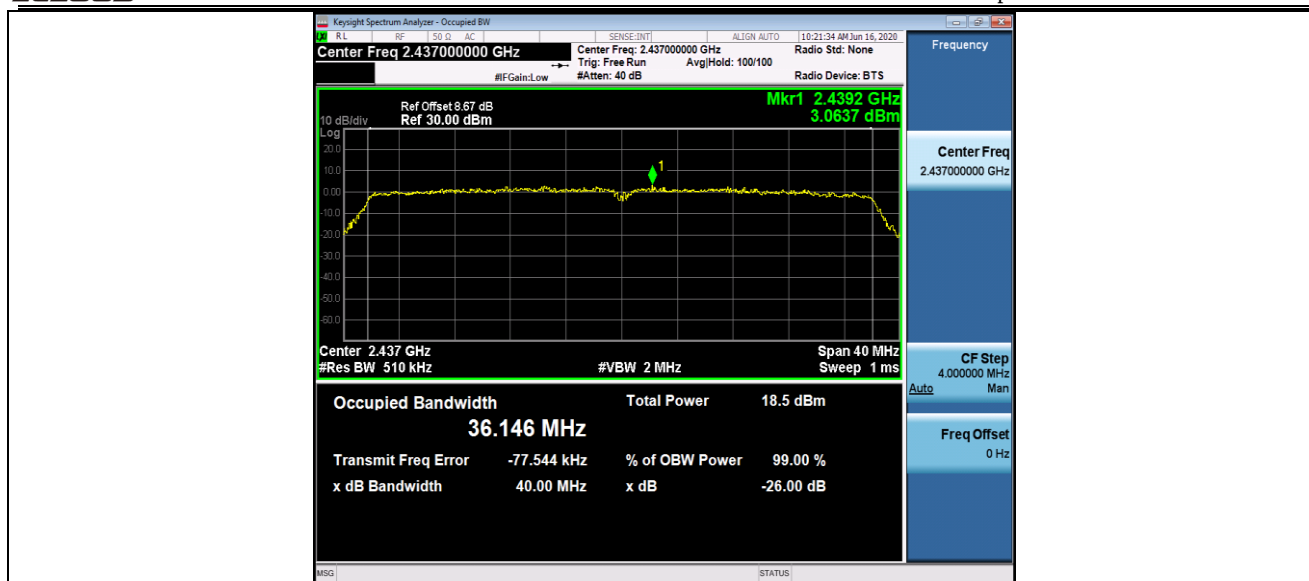
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



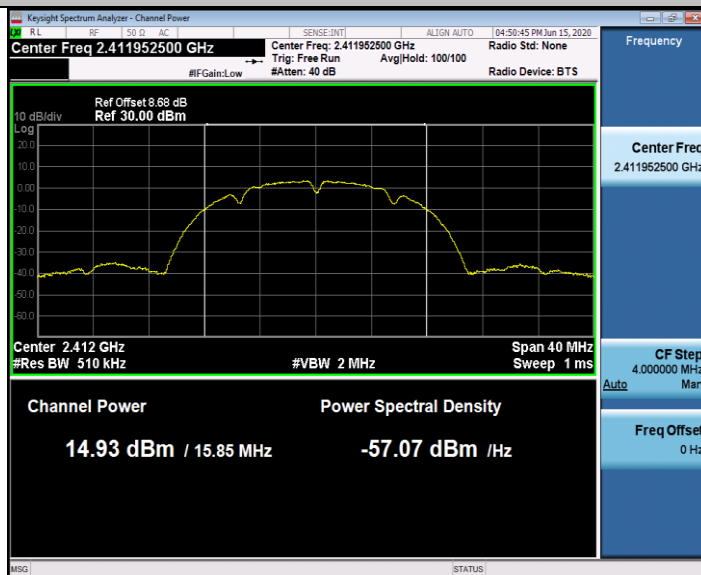
Appendix C: Maximum conducted output power

Test Result

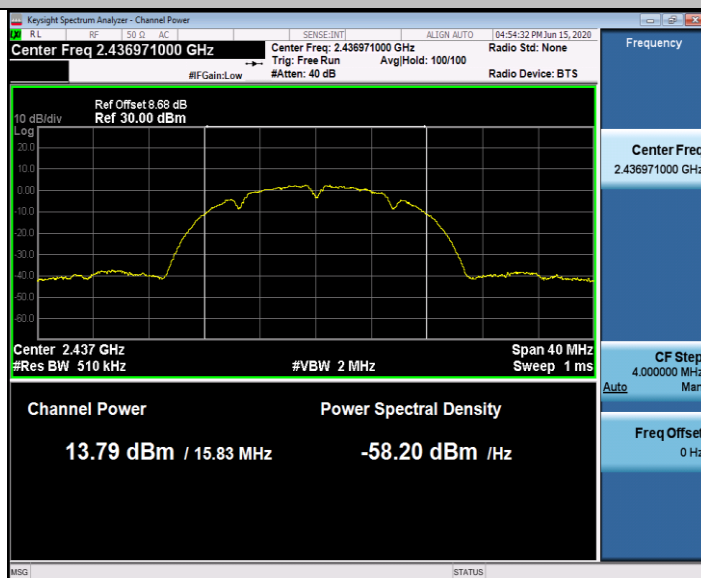
TestMode	Antenna	Channel	Result [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.93	<=30	PASS
		2437	13.79	<=30	PASS
		2462	13.82	<=30	PASS
11G	Ant1	2412	13.85	<=30	PASS
		2437	13.44	<=30	PASS
		2462	12.11	<=30	PASS
11N20SISO	Ant1	2412	12.82	<=30	PASS
		2437	12.83	<=30	PASS
		2462	11.00	<=30	PASS
11N40SISO	Ant1	2422	10.94	<=30	PASS
		2437	12.46	<=30	PASS
		2452	11.72	<=30	PASS

Test Graphs

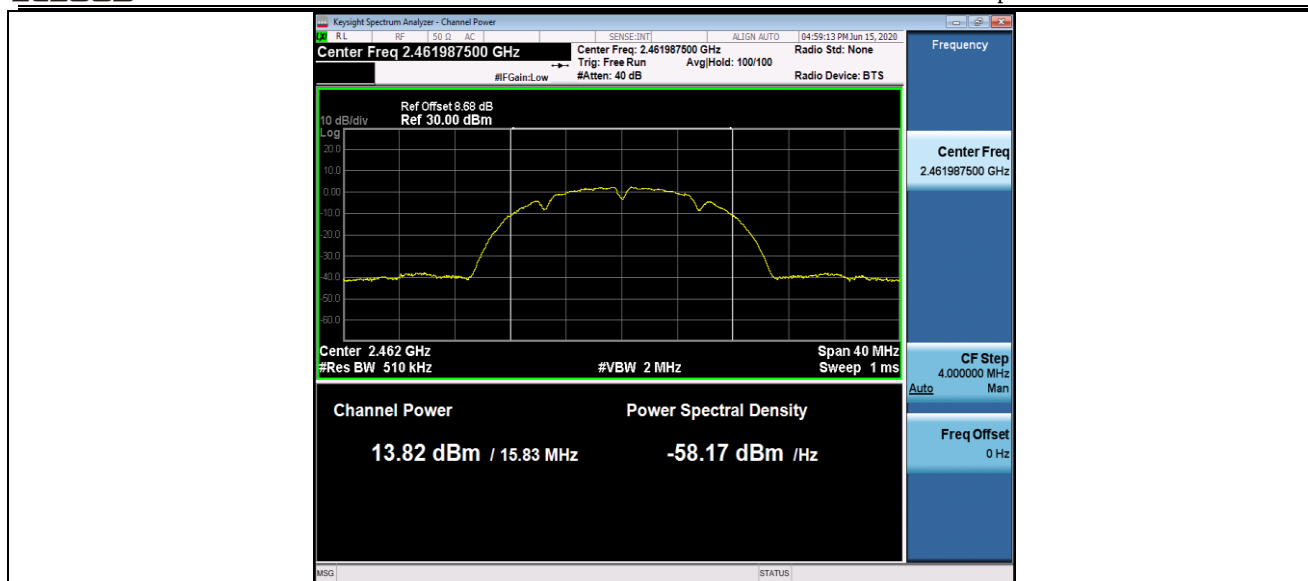
11B_Ant1_2412



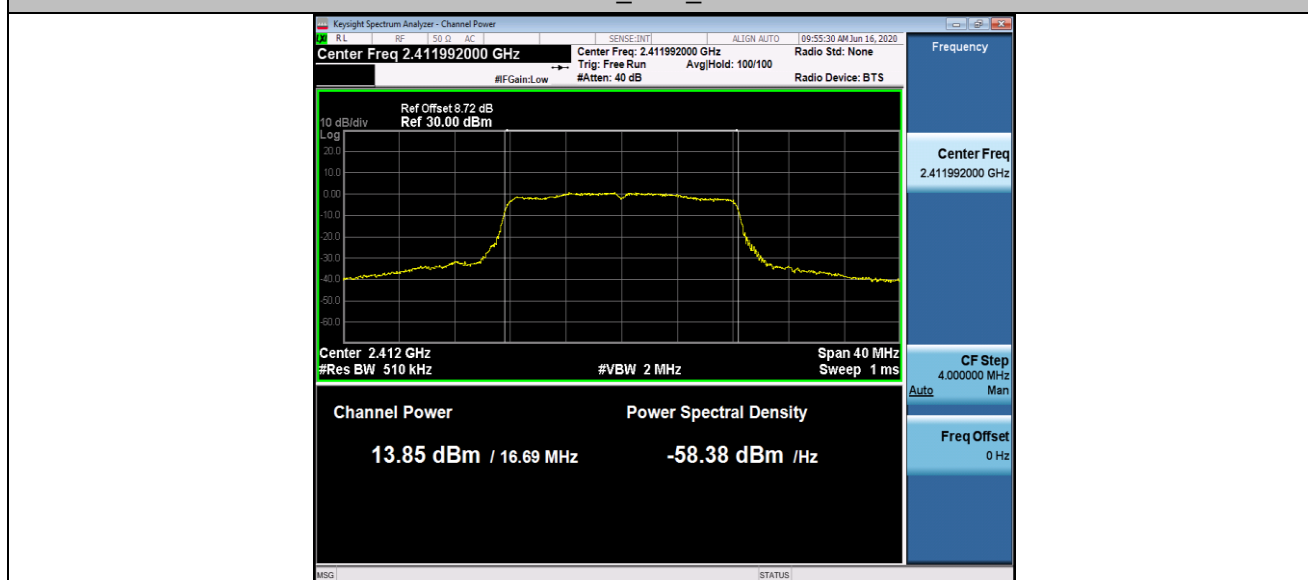
11B_Ant1_2437



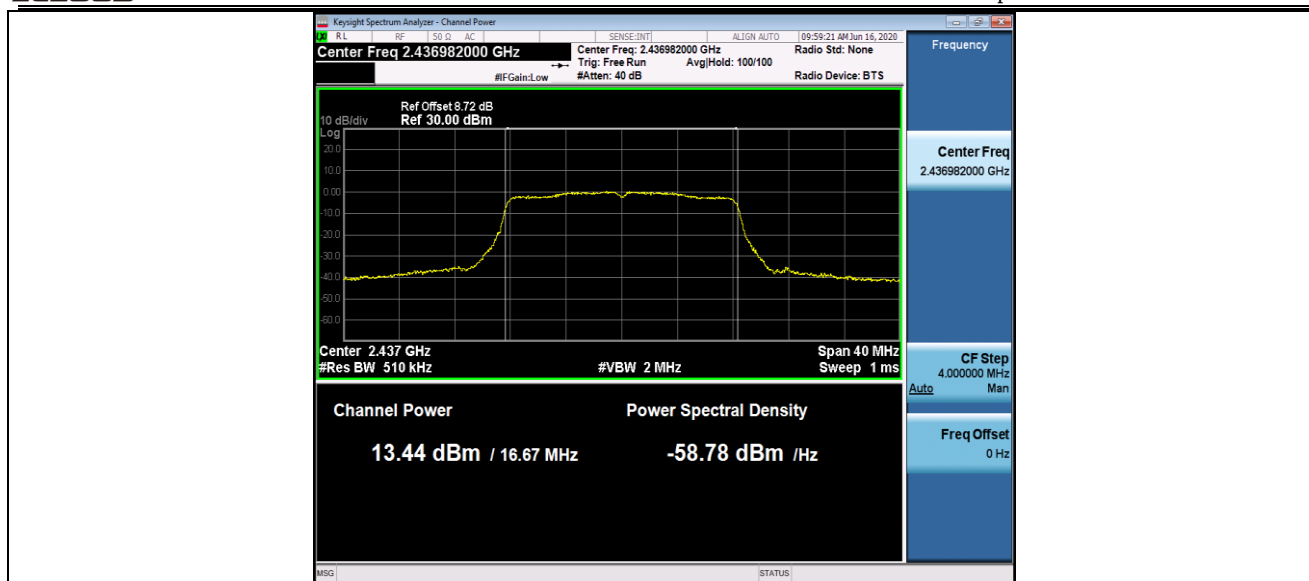
11B_Ant1_2462



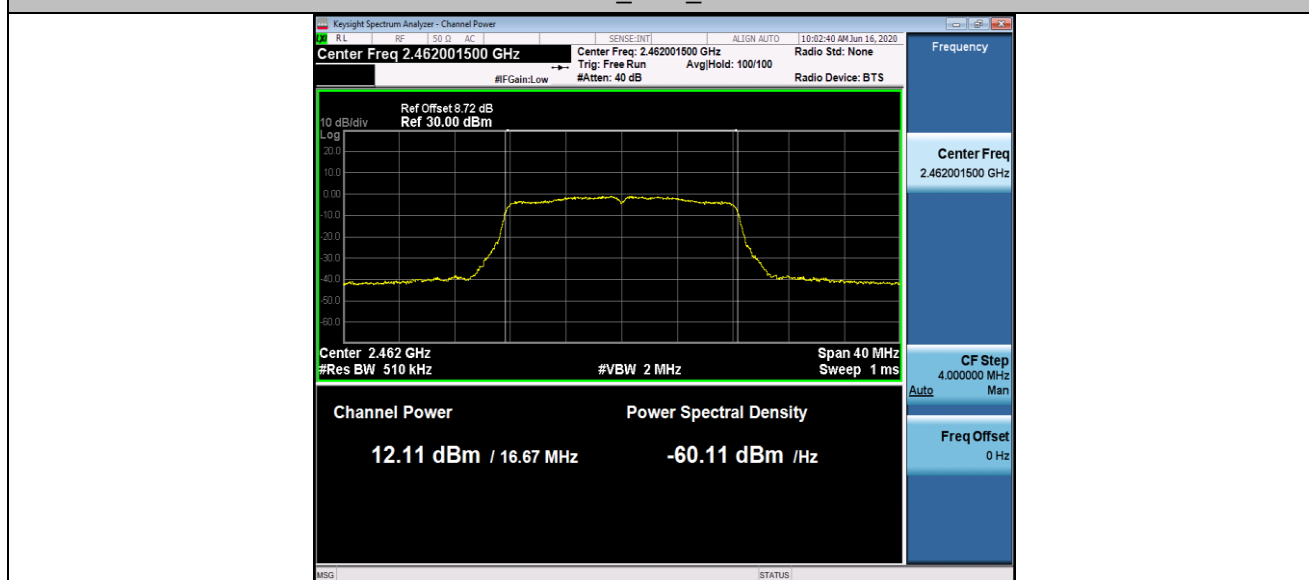
11G_Ant1_2412



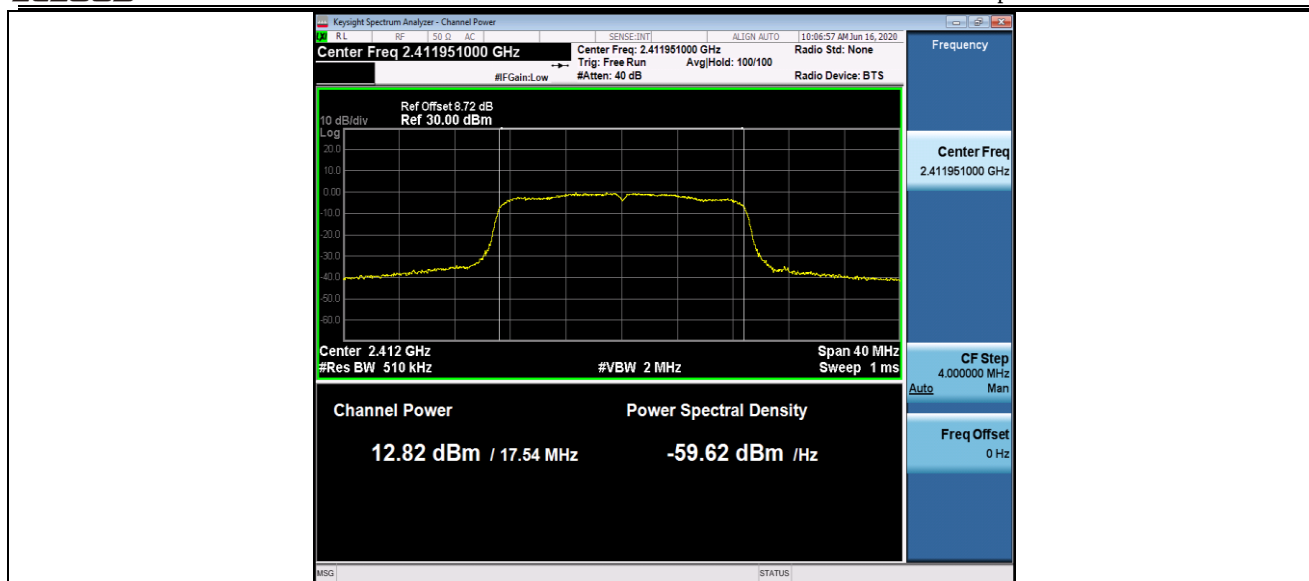
11G_Ant1_2437



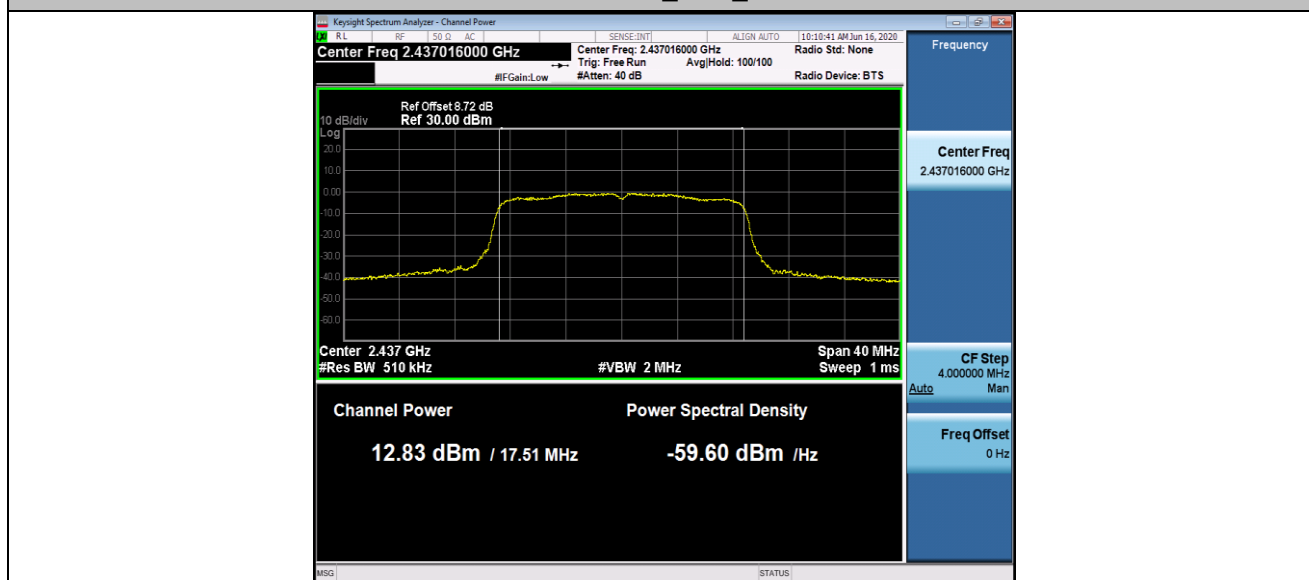
11G_Ant1_2462



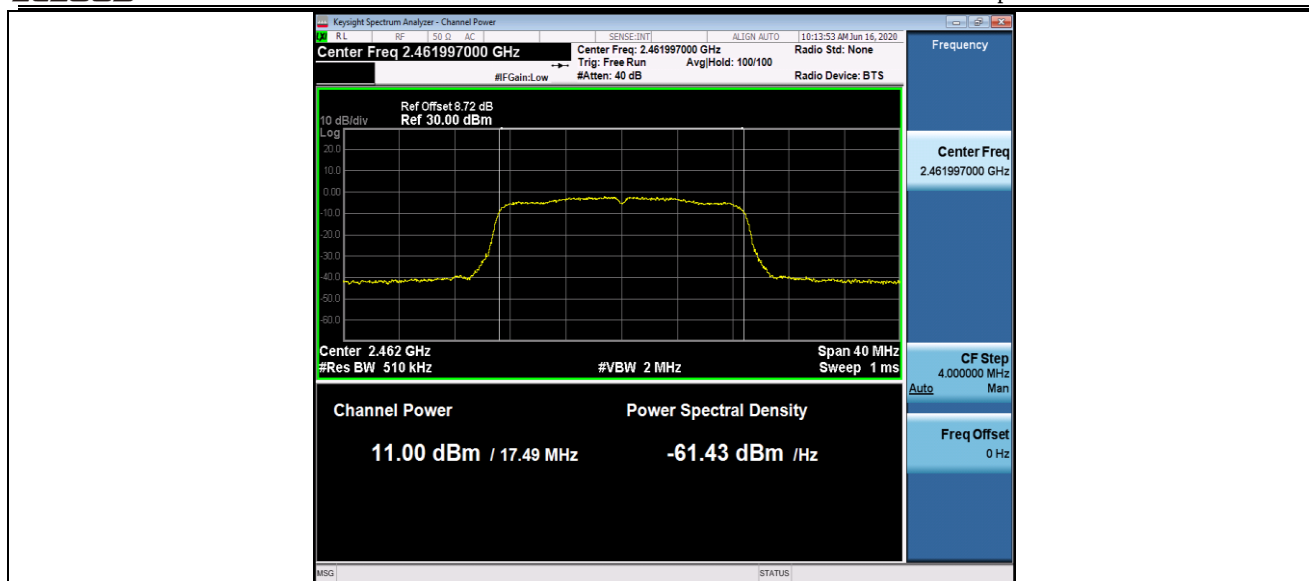
11N20SISO_Ant1_2412



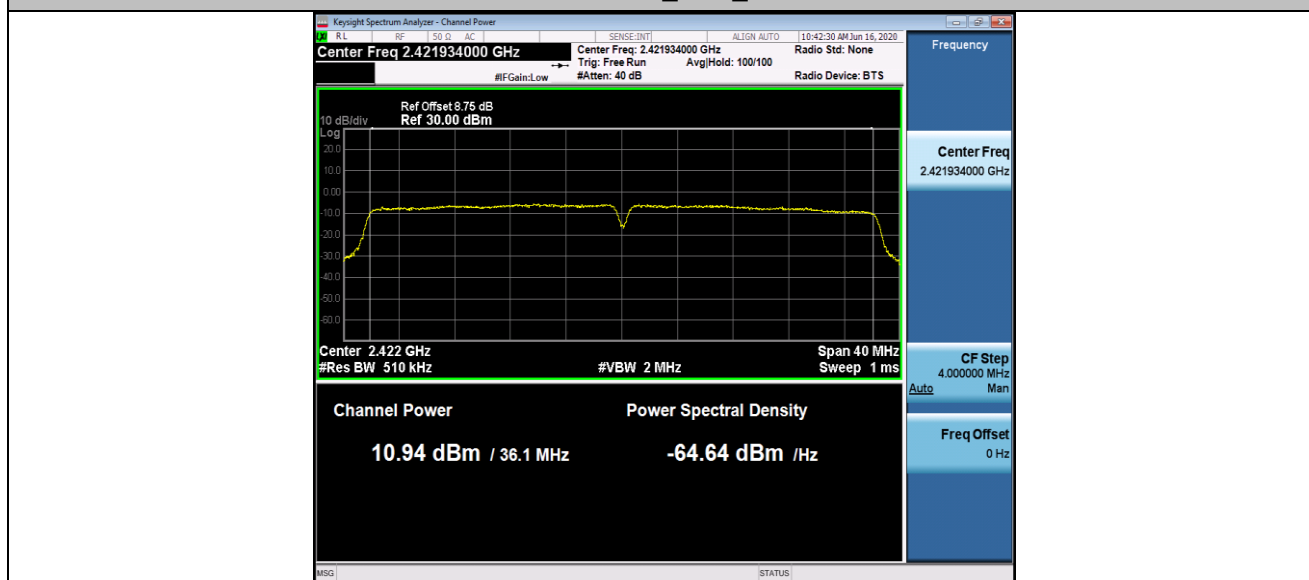
11N20SISO_Ant1_2437



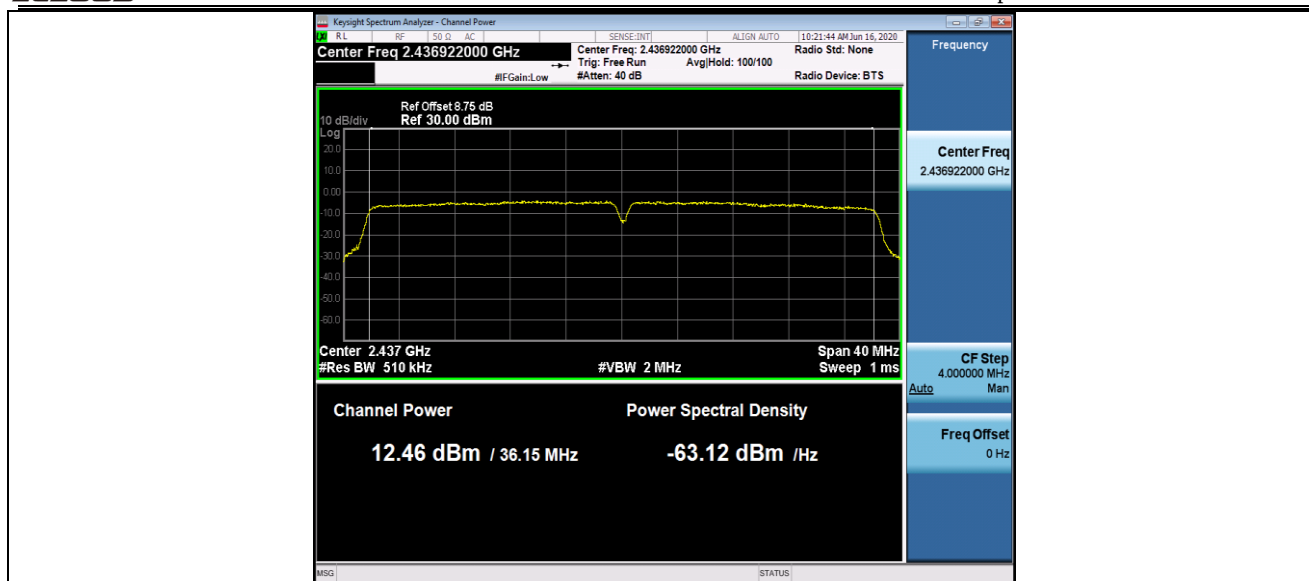
11N20SISO_Ant1_2462



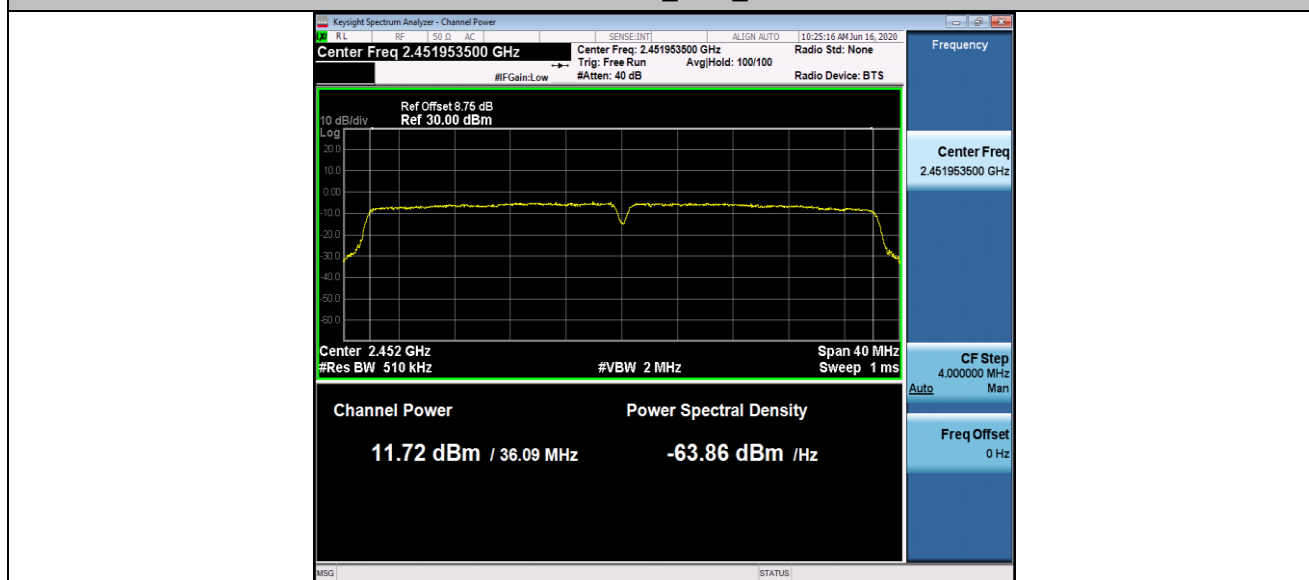
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



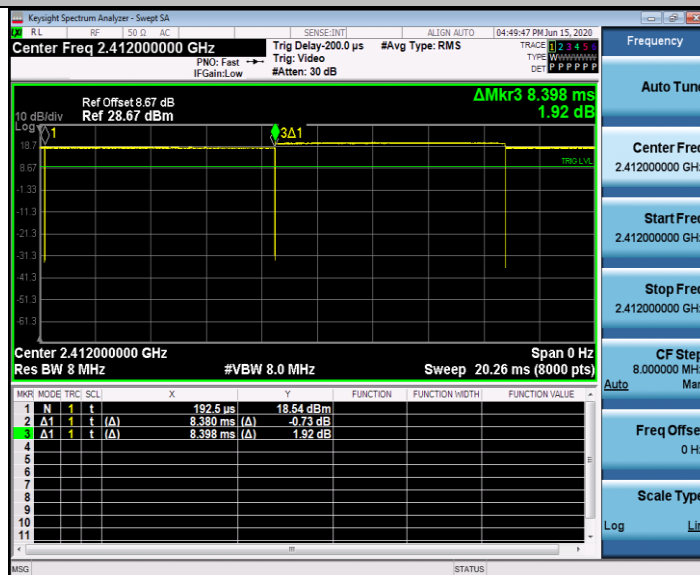
Appendix D: Duty Cycle

Test Result

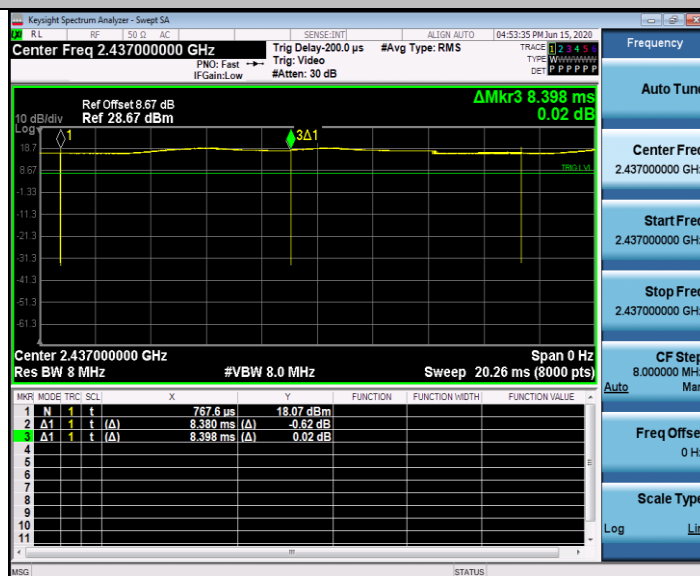
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.79
		2437	8.38	8.40	99.79
		2462	8.38	8.40	99.79
11G	Ant1	2412	1.39	1.40	98.92
		2437	1.39	1.40	98.92
		2462	1.39	1.41	98.83
11N20SISO	Ant1	2412	1.30	1.31	98.75
		2437	1.30	1.31	98.75
		2462	1.30	1.31	98.75
11N40SISO	Ant1	2422	0.65	0.66	98.27
		2437	0.64	0.66	98.26
		2452	0.64	0.66	98.26

Test Graphs

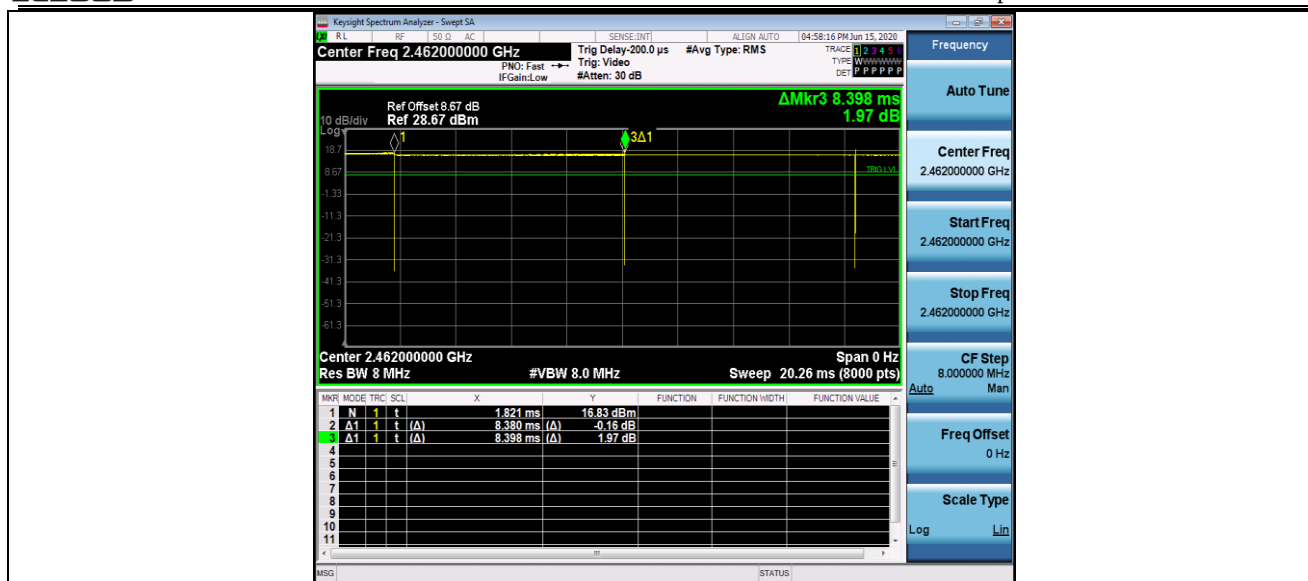
11B_Ant1_2412



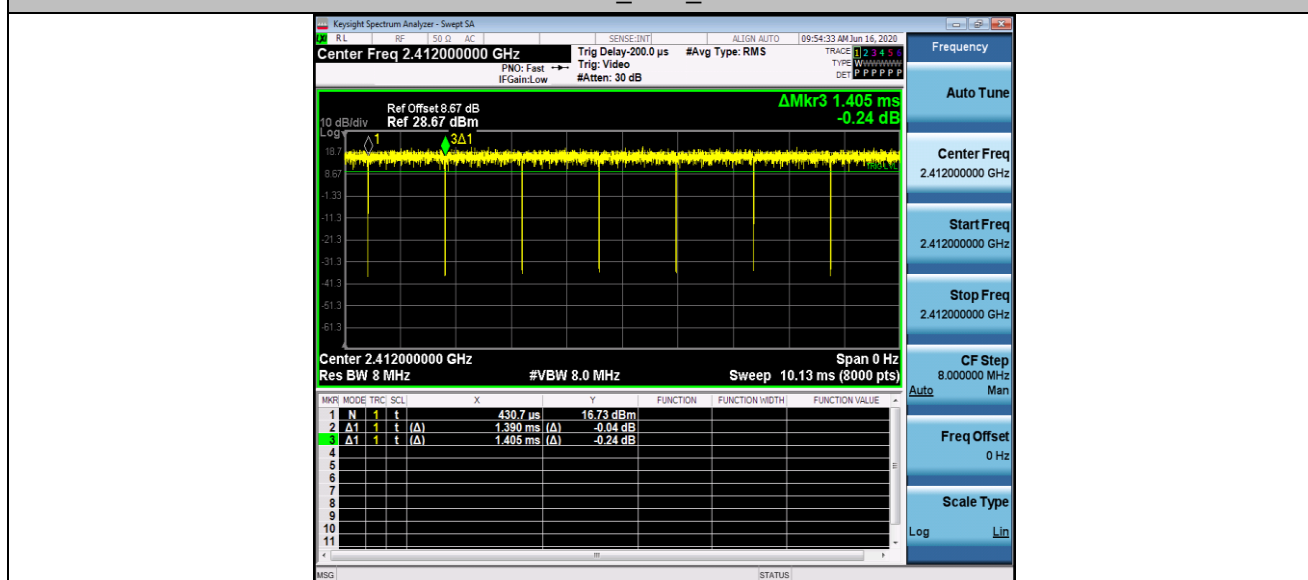
11B_Ant1_2437



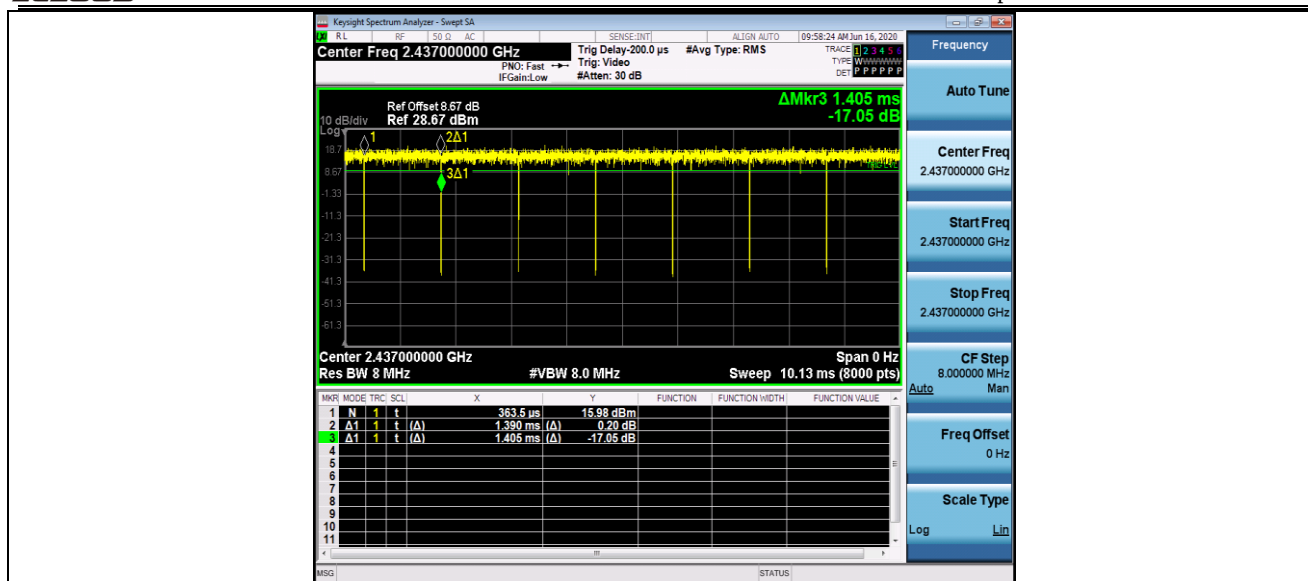
11B_Ant1_2462



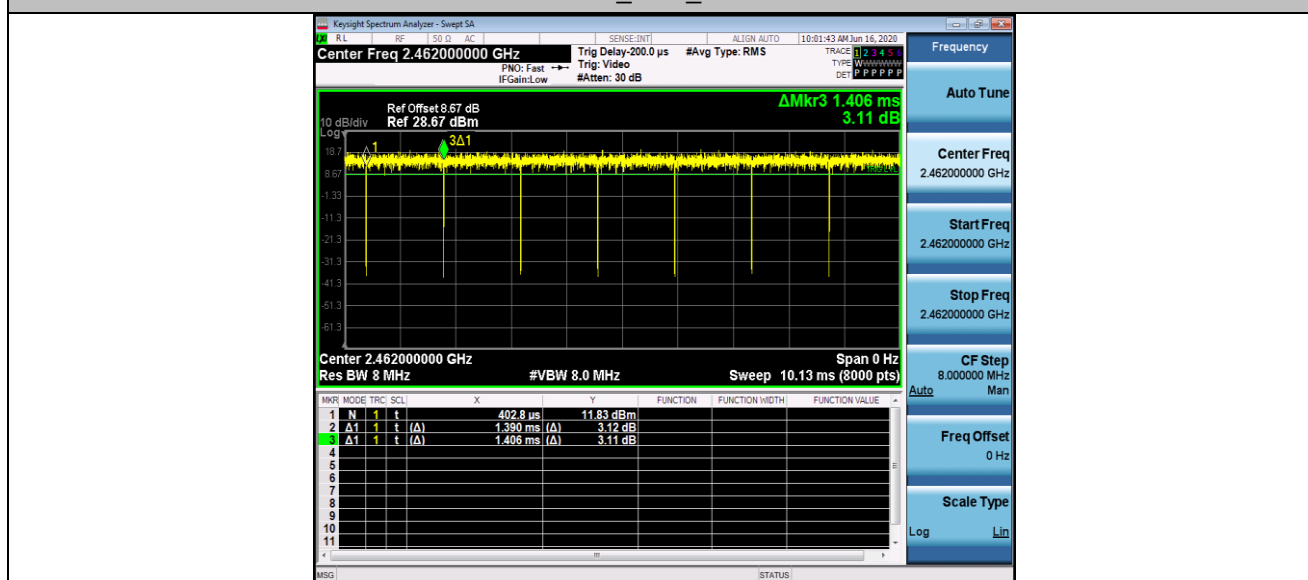
11G_Ant1_2412



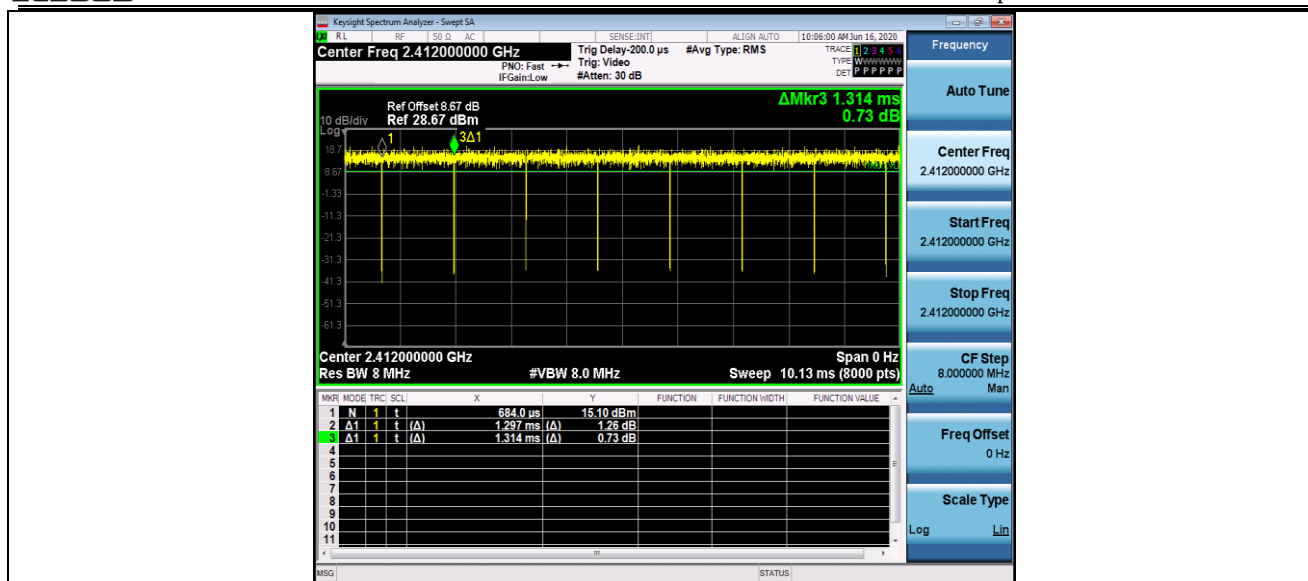
11G_Ant1_2437



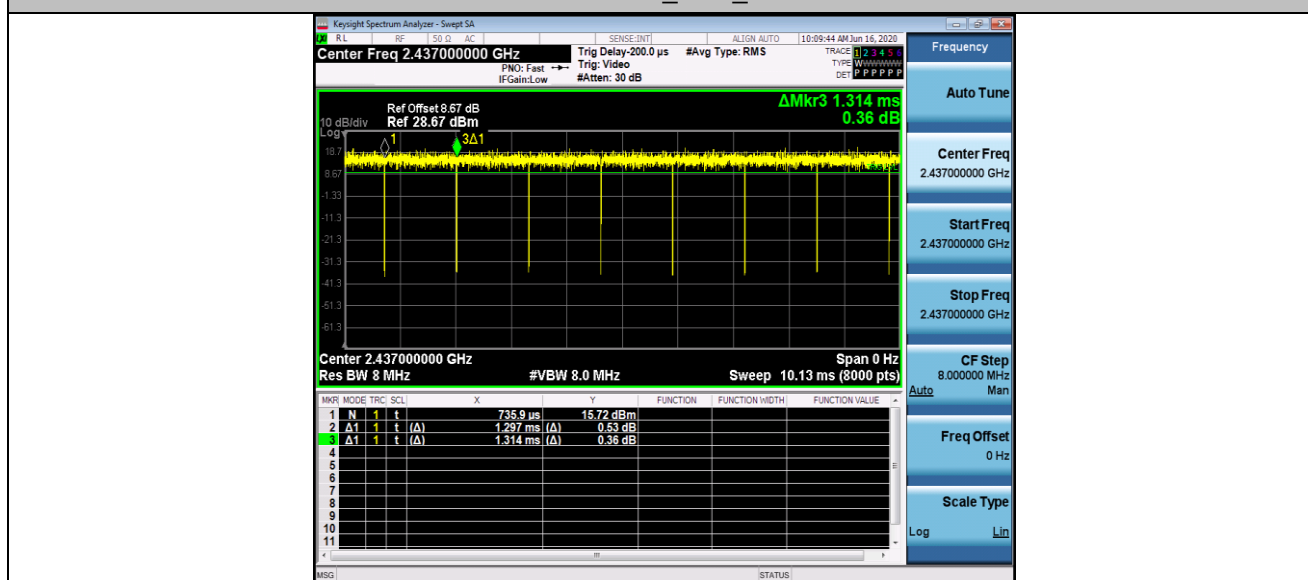
11G_Ant1_2462



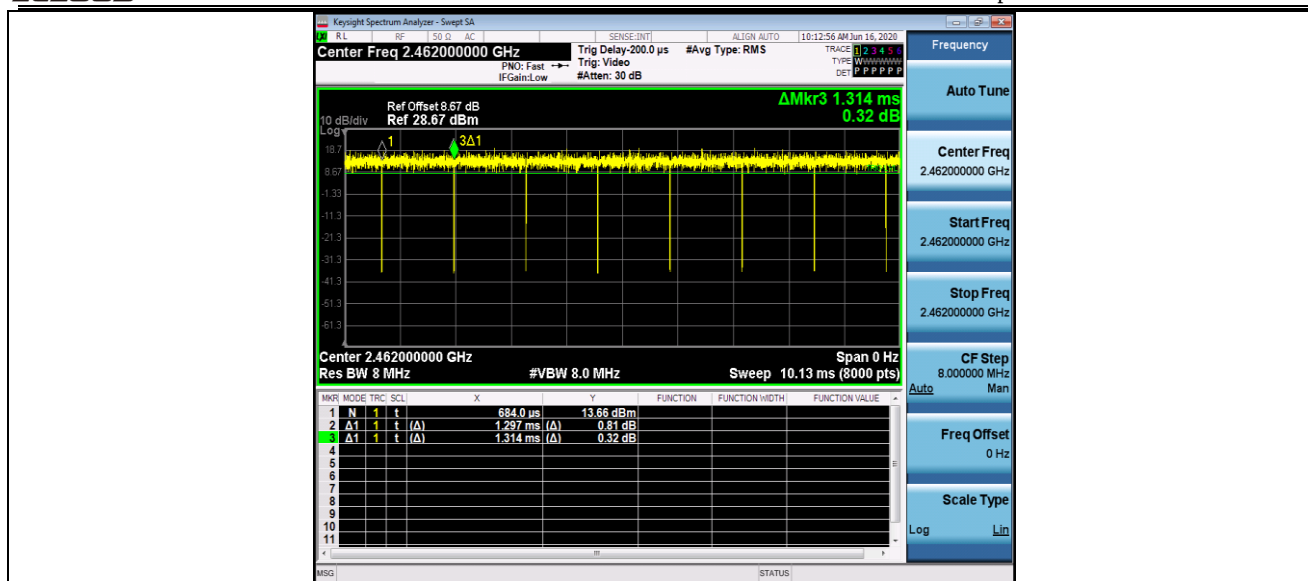
11N20SISO_Ant1_2412



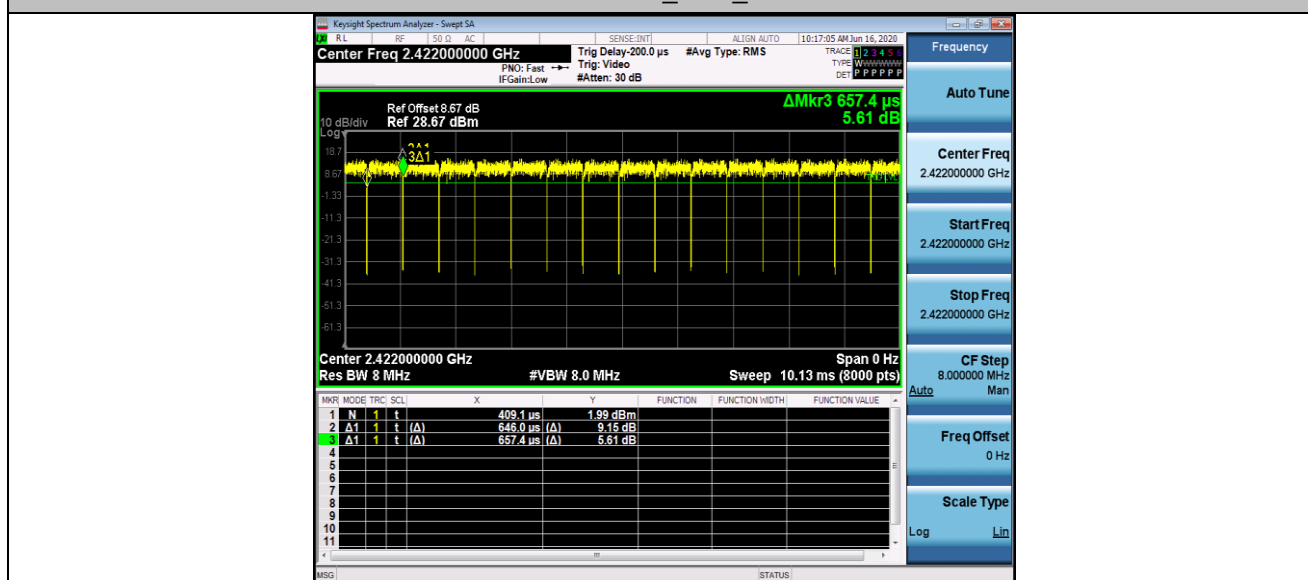
11N20SISO_Ant1_2437



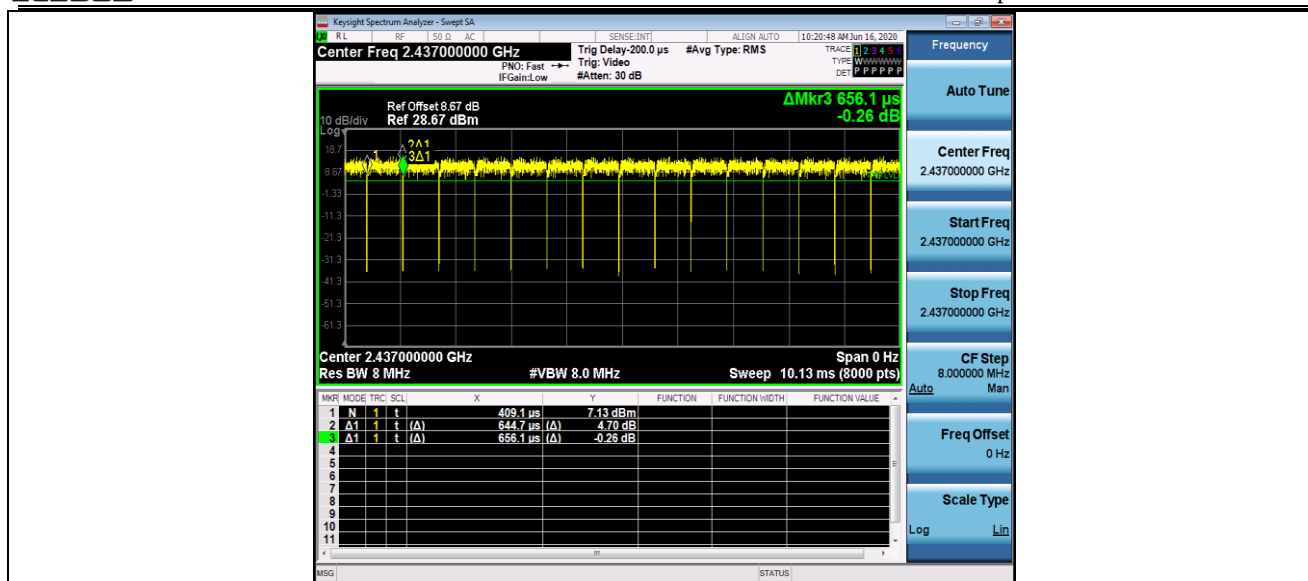
11N20SISO_Ant1_2462



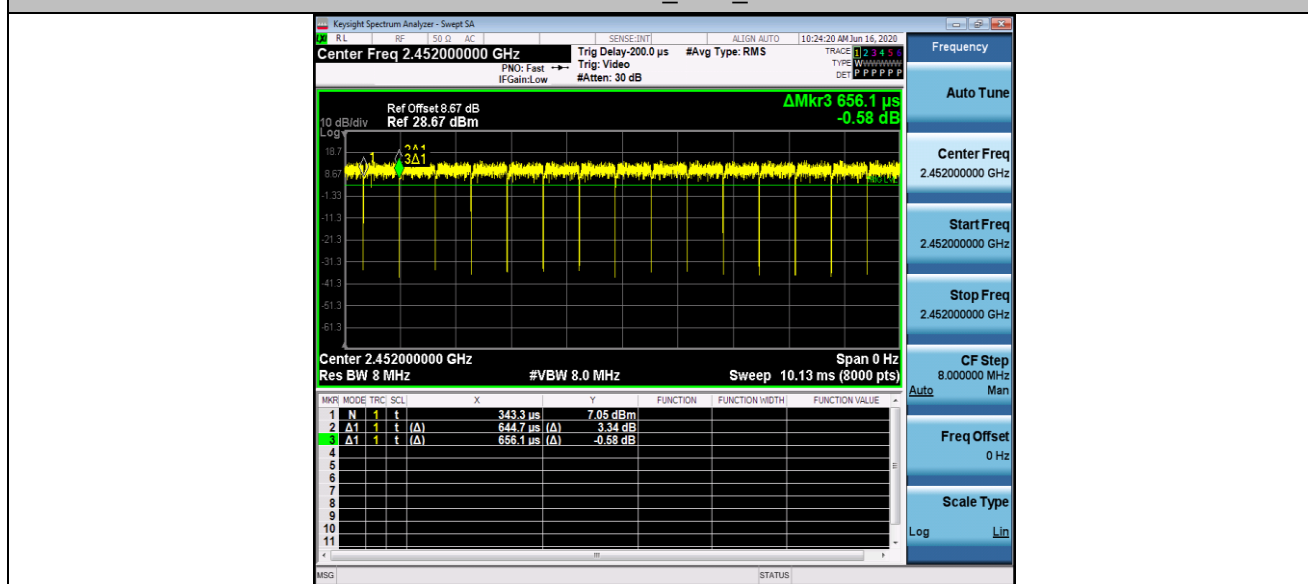
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-7.53	-17.53	≤ 8	PASS
		2437	-8.9	-18.9	≤ 8	PASS
		2462	-3.44	-13.44	≤ 8	PASS
11G	Ant1	2412	-8.87	-18.87	≤ 8	PASS
		2437	-9.79	-19.79	≤ 8	PASS
		2462	-10.58	-20.58	≤ 8	PASS
11N20SISO	Ant1	2412	-10.63	-20.63	≤ 8	PASS
		2437	-10.07	-20.07	≤ 8	PASS
		2462	-11.99	-21.99	≤ 8	PASS
11N40SISO	Ant1	2422	-14.77	-24.77	≤ 8	PASS
		2437	-13.48	-23.48	≤ 8	PASS
		2452	-13.51	-23.51	≤ 8	PASS

Note:

calculating the RBW=3kHz value:

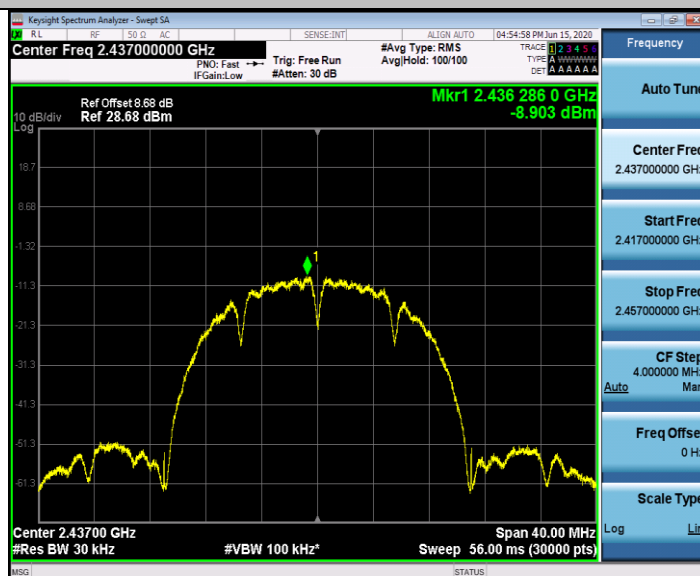
-7.53 (AV.PSD At RBW=30kHz)-10*log(30/3)=-17.53(AV.PSD At RBW=3kHz)

Test Graphs

11B_Ant1_2412



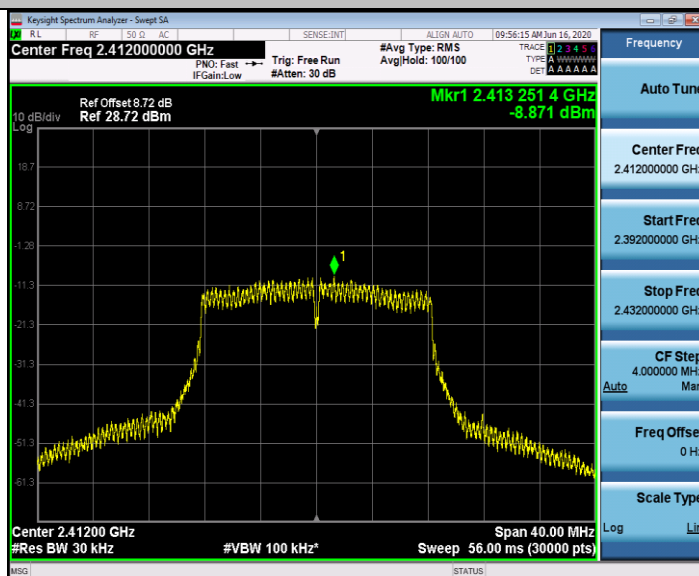
11B_Ant1_2437



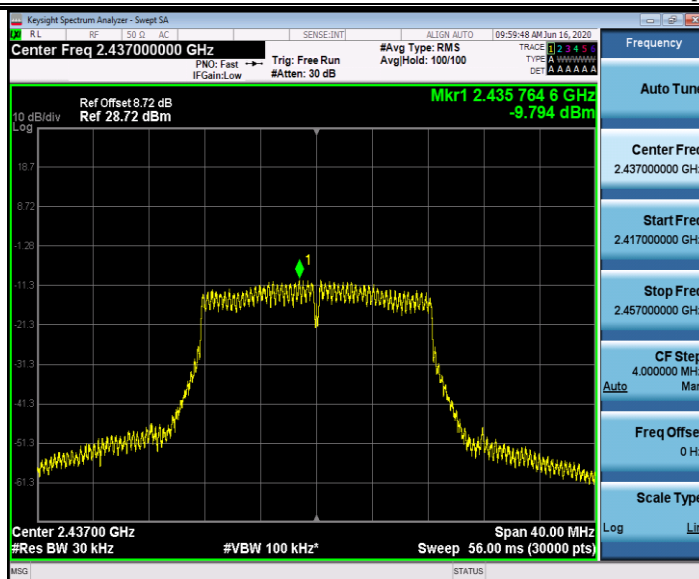
11B_Ant1_2462



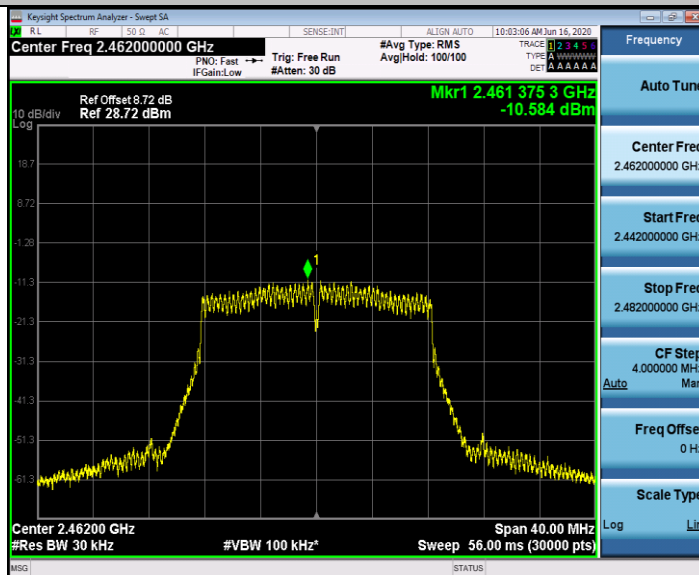
11G_Ant1_2412



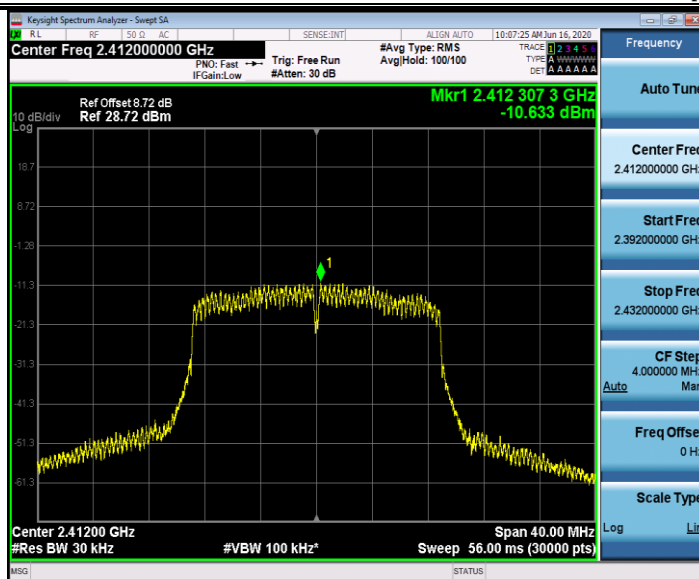
11G_Ant1_2437



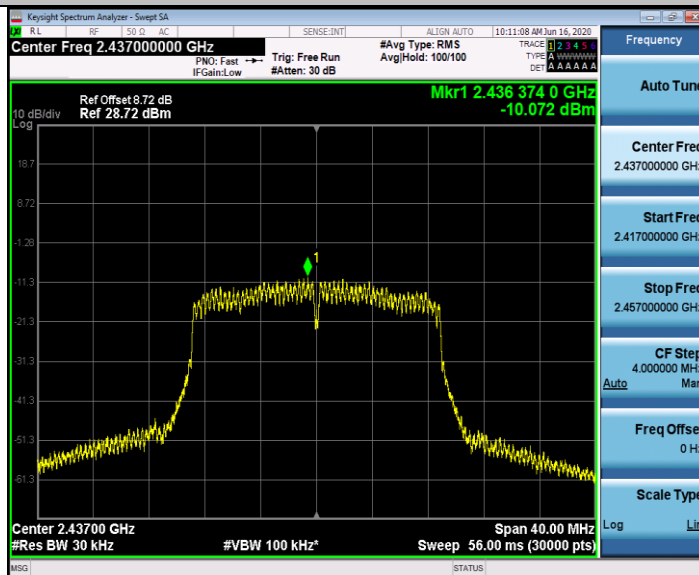
11G_Ant1_2462



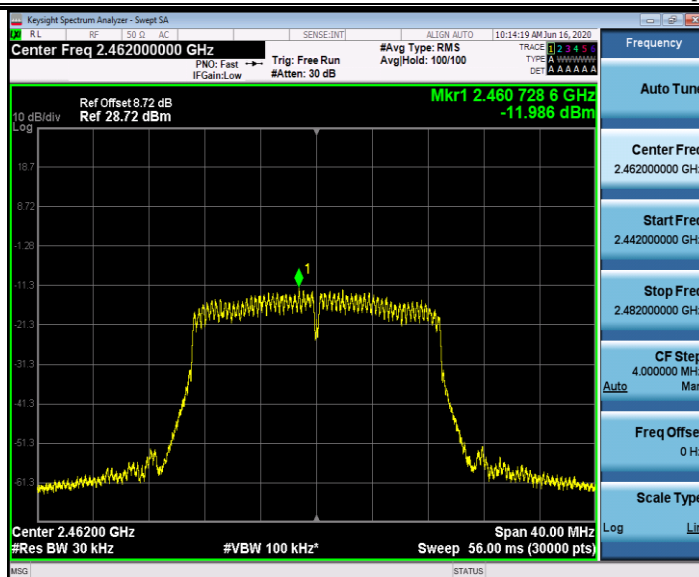
11N20SISO_Ant1_2412



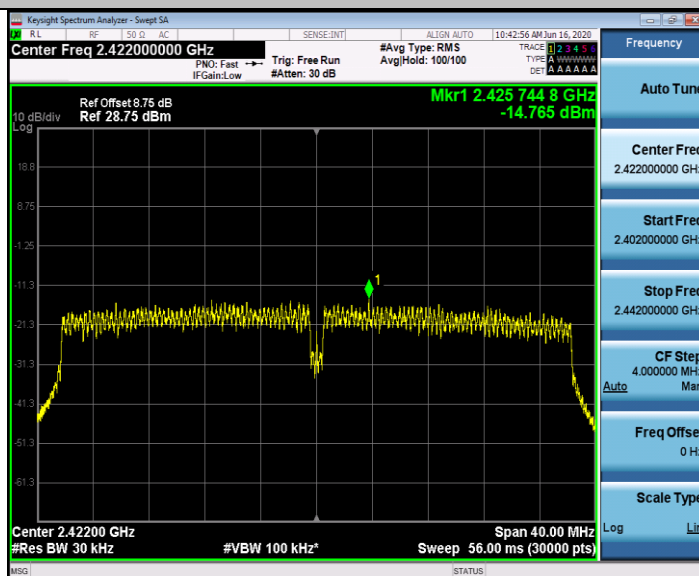
11N20SISO_Ant1_2437



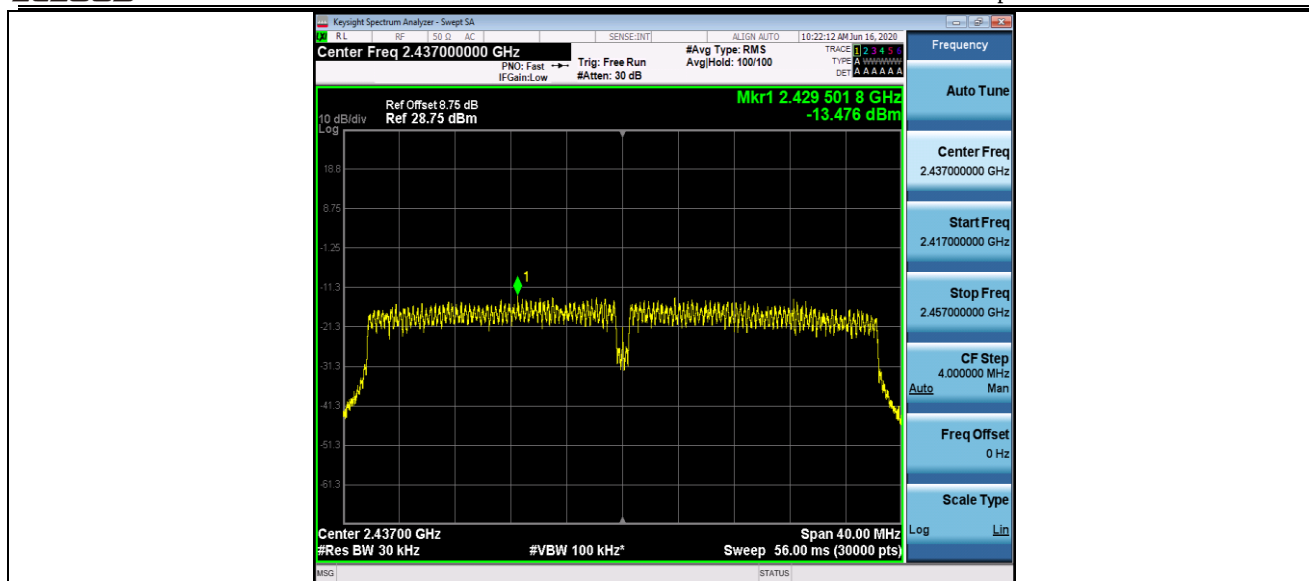
11N20SISO_Ant1_2462



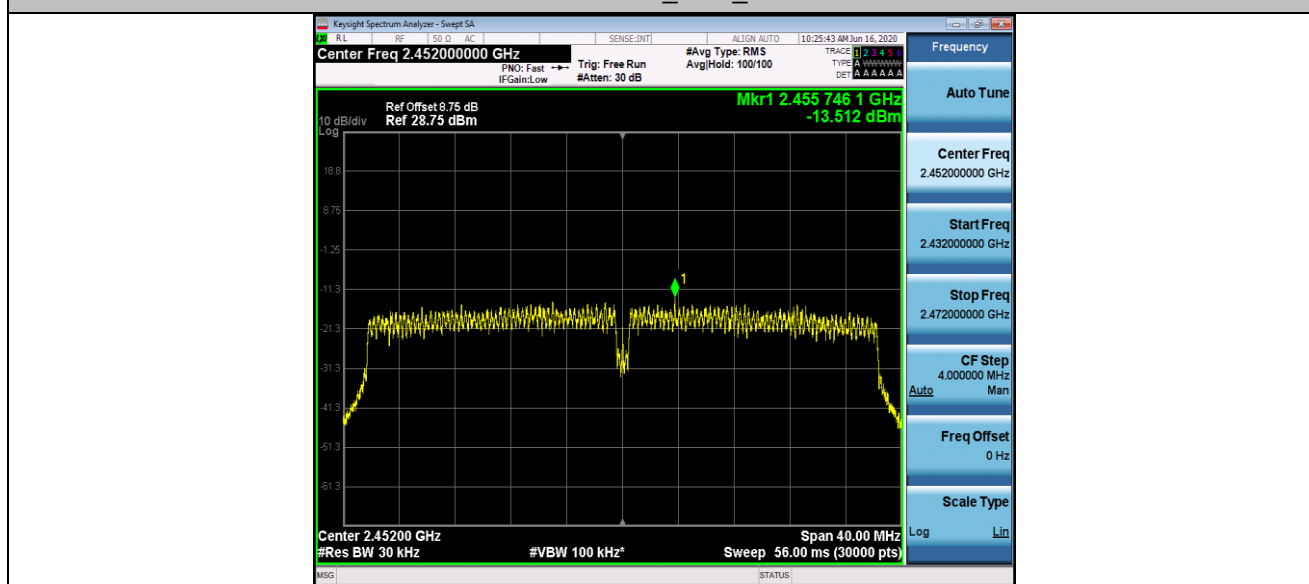
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



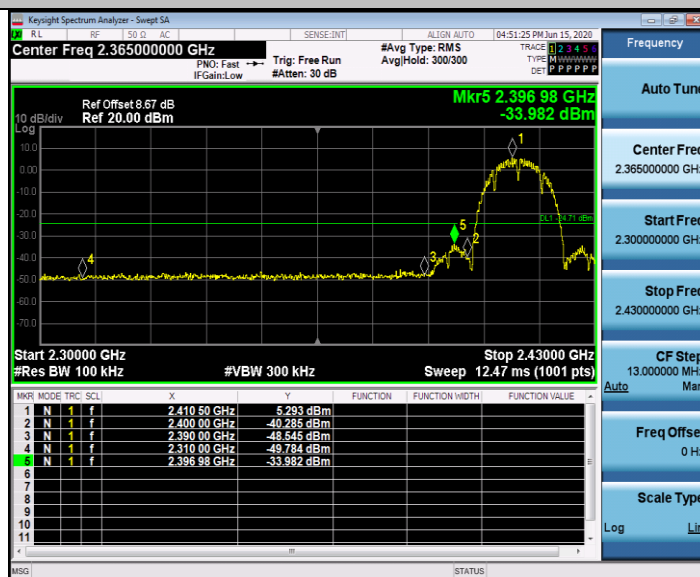
Appendix F: Band edge measurements

Test Result

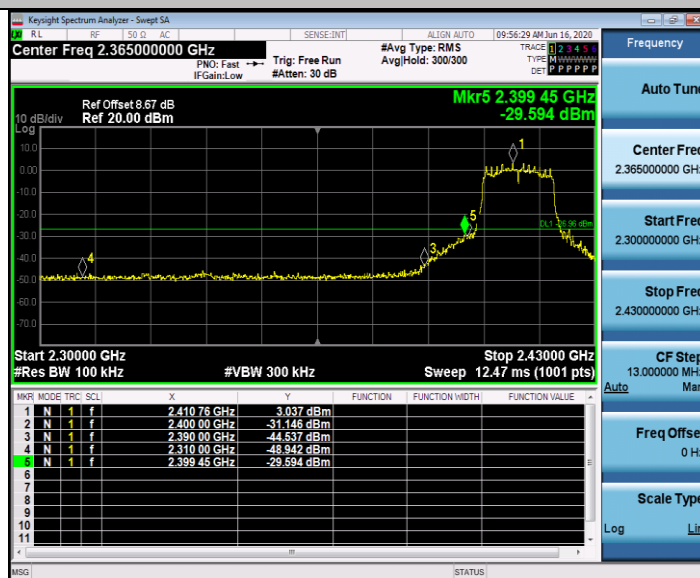
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.29	-33.98	<=-24.71	PASS
		High	2462	3.04	-29.59	<=-26.96	PASS
11G	Ant1	Low	2412	1.90	-45.16	<=-28.11	PASS
		High	2462	2.86	-32.85	<=-27.14	PASS
11N20SISO	Ant1	Low	2412	0.61	-45.97	<=-29.39	PASS
		High	2462	-2.70	-33.45	<=-32.7	PASS
11N40SISO	Ant1	Low	2422	-2.10	-37.75	<=-32.1	PASS
		High	2452	5.29	-33.98	<=-24.71	PASS

Test Graphs

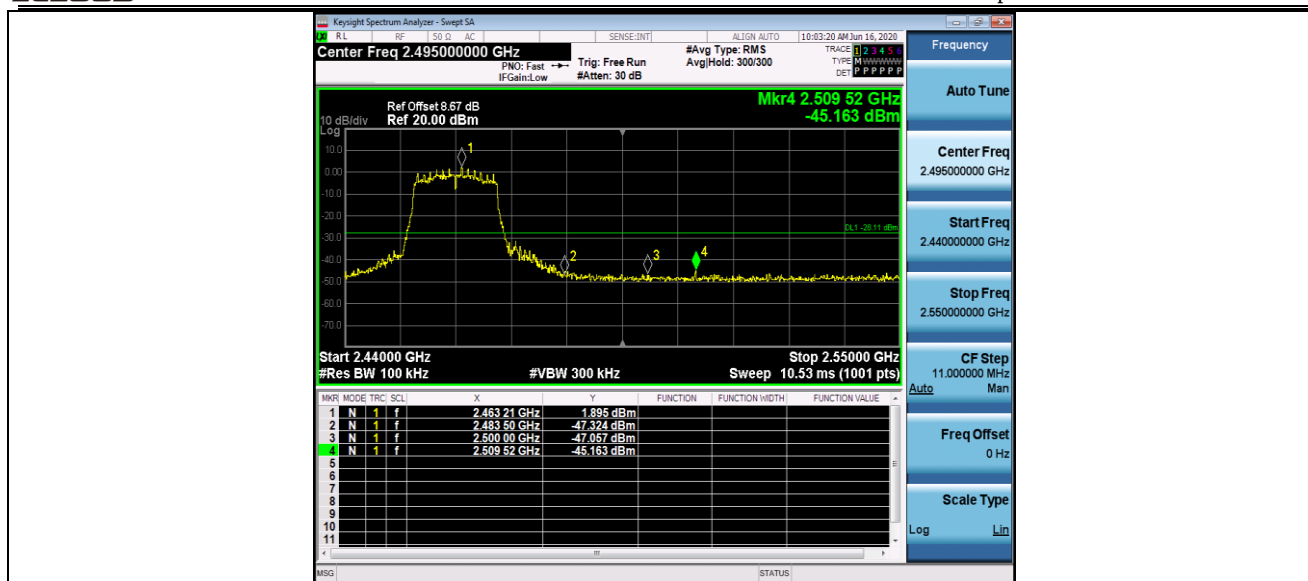
11B_Ant1_Low_2412



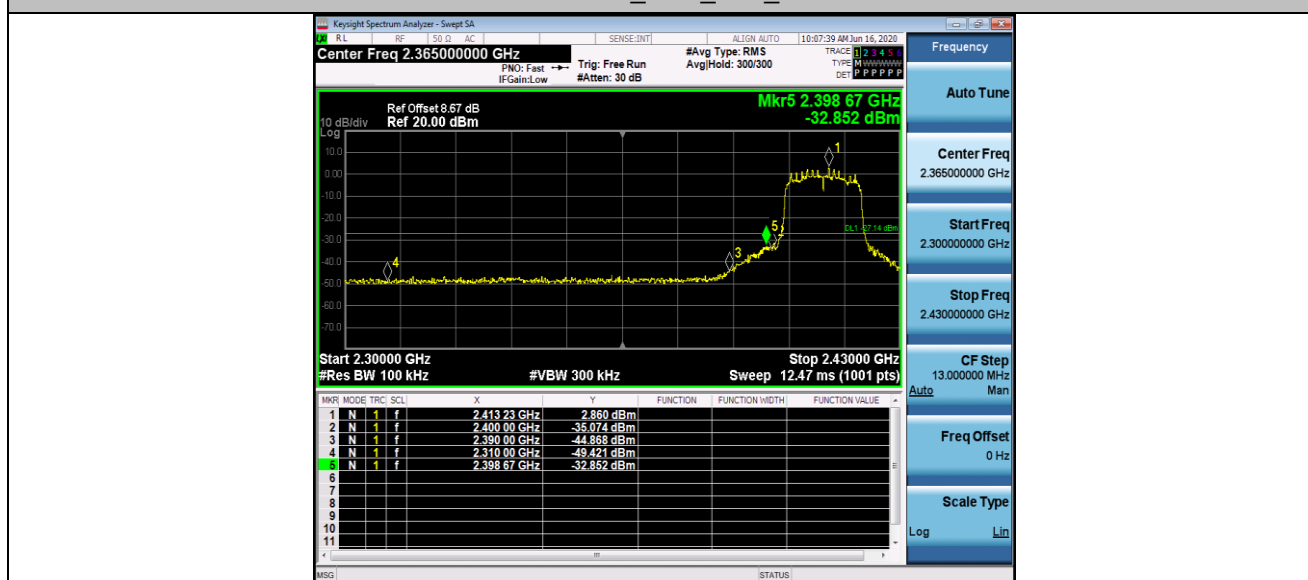
11G_Ant1_Low_2412



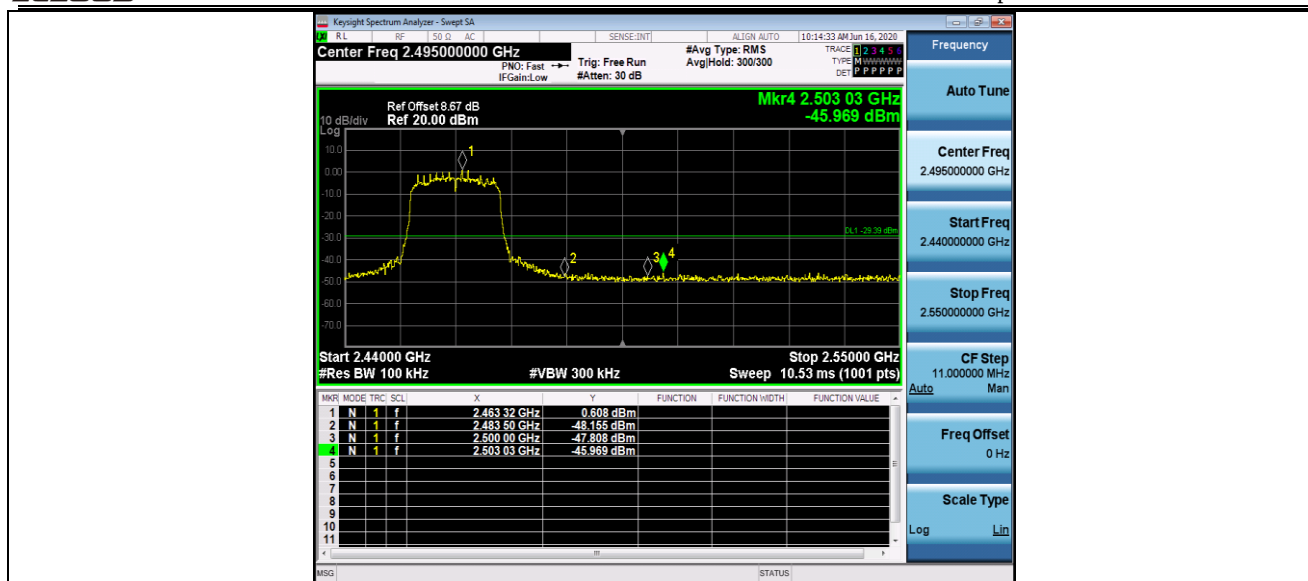
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



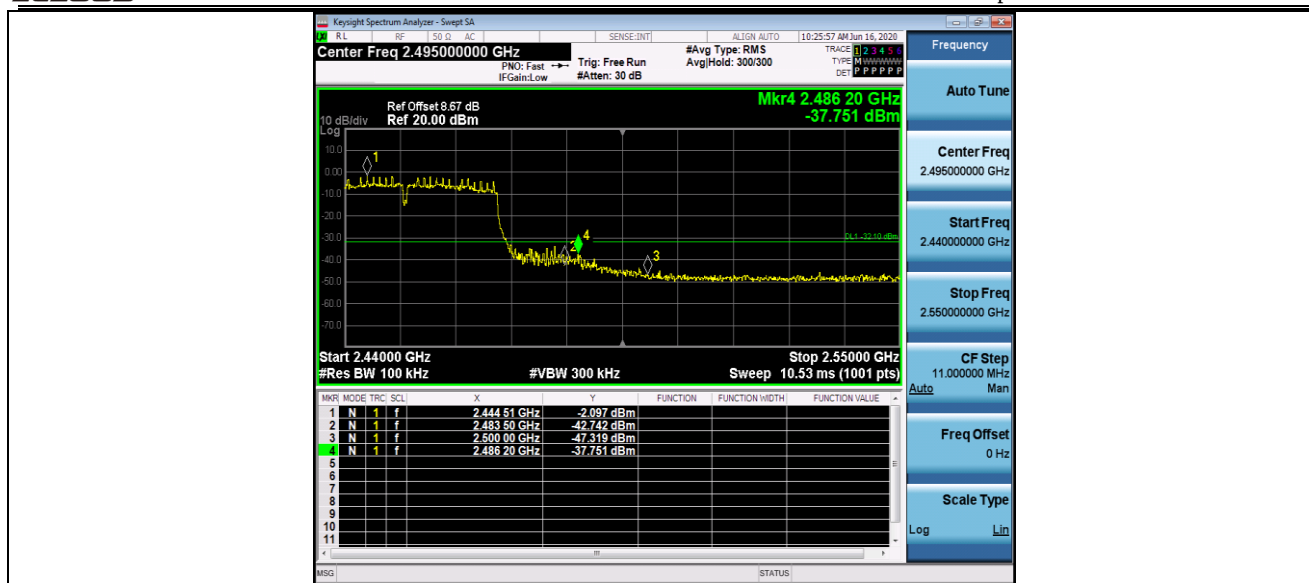
11N20SISO_Ant1_High_2462



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	5.10	5.10	---	PASS
			30~1000	30~1000	-57.428	<=-24.903	PASS
			1000~26500	1000~26500	-36.499	<=-24.903	PASS
		2437	Reference	3.92	3.92	---	PASS
			30~1000	30~1000	-56.409	<=-26.085	PASS
			1000~26500	1000~26500	-38.061	<=-26.085	PASS
		2462	Reference	4.44	4.44	---	PASS
			30~1000	30~1000	-57.431	<=-25.560	PASS
			1000~26500	1000~26500	-37.412	<=-25.560	PASS
11G	Ant1	2412	Reference	2.84	2.84	---	PASS
			30~1000	30~1000	-57.098	<=-27.159	PASS
			1000~26500	1000~26500	-31.054	<=-27.159	PASS
		2437	Reference	2.03	2.03	---	PASS
			30~1000	30~1000	-57.613	<=-27.975	PASS
			1000~26500	1000~26500	-37.793	<=-27.975	PASS
		2462	Reference	0.96	0.96	---	PASS
			30~1000	30~1000	-57.736	<=-29.038	PASS
			1000~26500	1000~26500	-37.725	<=-29.038	PASS
11N20SISO	Ant1	2412	Reference	1.88	1.88	---	PASS
			30~1000	30~1000	-57.352	<=-28.116	PASS
			1000~26500	1000~26500	-34.639	<=-28.116	PASS
		2437	Reference	1.36	1.36	---	PASS
			30~1000	30~1000	-57.747	<=-28.643	PASS
			1000~26500	1000~26500	-38.607	<=-28.643	PASS
		2462	Reference	0.51	0.51	---	PASS
			30~1000	30~1000	-57.588	<=-29.492	PASS
			1000~26500	1000~26500	-37.811	<=-29.492	PASS
11N40SISO	Ant1	2422	Reference	-1.20	-1.20	---	PASS
			30~1000	30~1000	-56.628	<=-31.196	PASS
			1000~26500	1000~26500	-31.858	<=-31.196	PASS

		2437	Reference	-1.48	-1.48	---	PASS
			30~1000	30~1000	-57.422	<=-31.475	PASS
			1000~26500	1000~26500	-37.668	<=-31.475	PASS
		2452	Reference	-2.10	-2.10	---	PASS
			30~1000	30~1000	-57.653	<=-32.103	PASS
			1000~26500	1000~26500	-37.933	<=-32.103	PASS