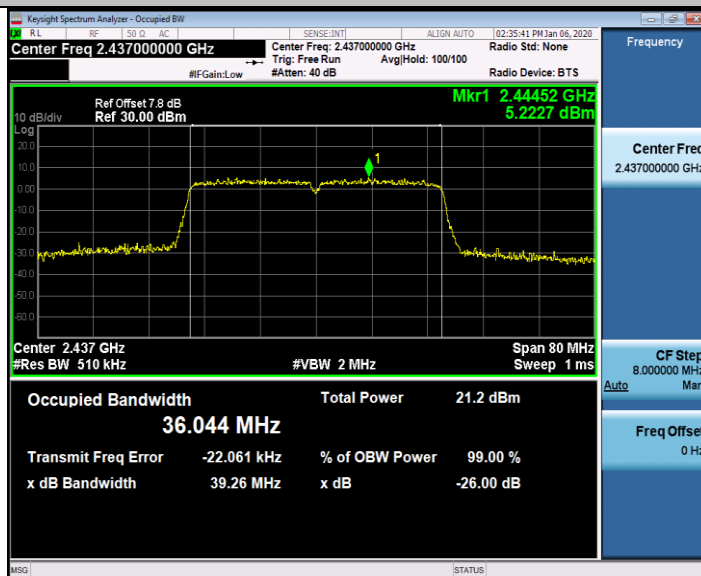
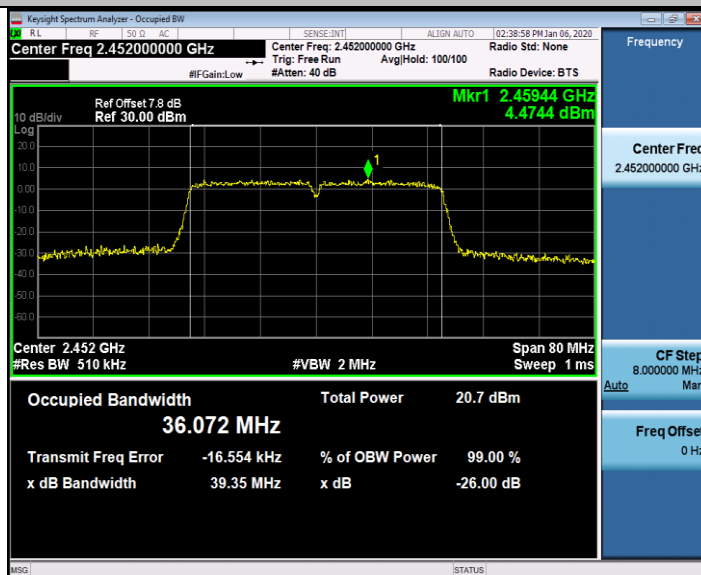


11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



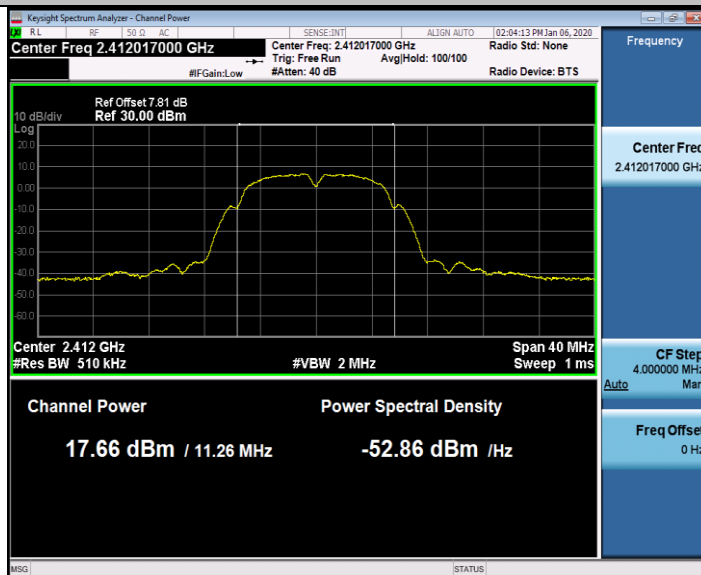
Appendix C: Maximum conducted output power &E.I.R.P.

Test Result

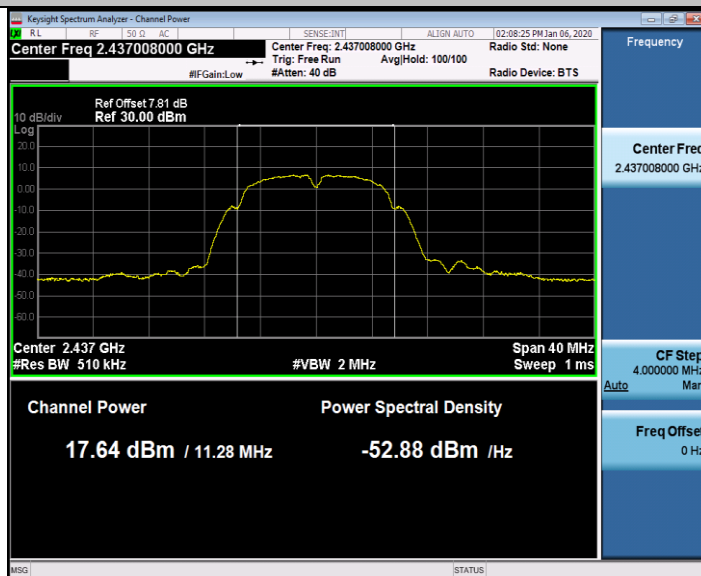
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Duty Cycle Factor	EIRP[dBm]	Verdict
11B	Ant1	2412	17.66	<=30	0.01	20.66	PASS
		2437	17.64	<=30	0.01	20.64	PASS
		2462	17.65	<=30	0.01	20.65	PASS
11G	Ant1	2412	15.40	<=30	0.06	18.4	PASS
		2437	15.37	<=30	0.06	18.37	PASS
		2462	15.45	<=30	0.06	18.45	PASS
11N20SISO	Ant1	2412	15.00	<=30	0.06	18	PASS
		2437	14.98	<=30	0.07	17.98	PASS
		2462	15.01	<=30	0.07	18.01	PASS
11N40SISO	Ant1	2422	14.60	<=30	0.14	17.6	PASS
		2437	14.98	<=30	0.14	17.98	PASS
		2452	14.51	<=30	0.14	17.51	PASS

Test Graphs

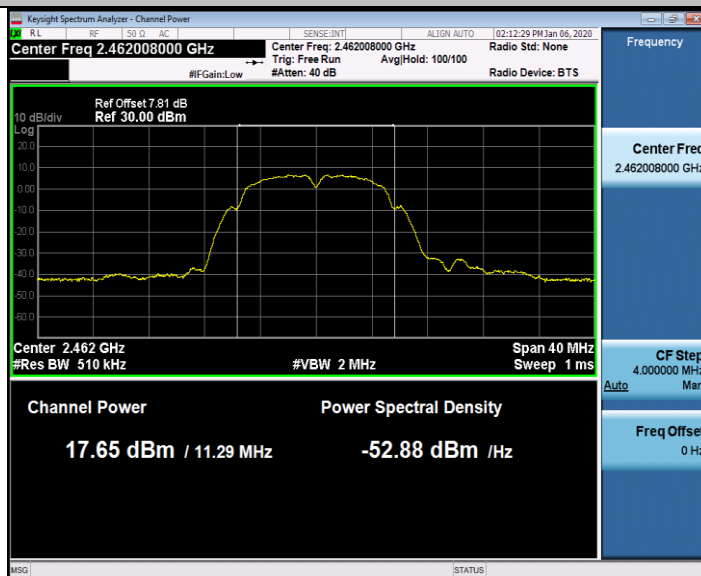
11B_Ant1_2412



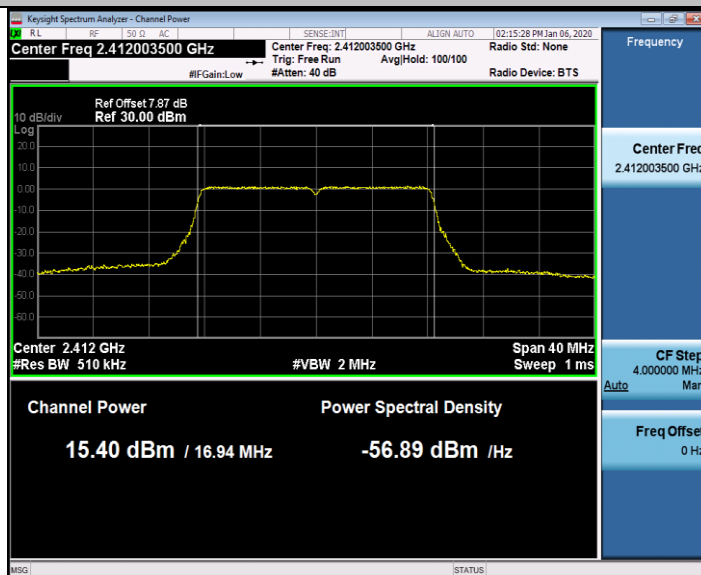
11B_Ant1_2437



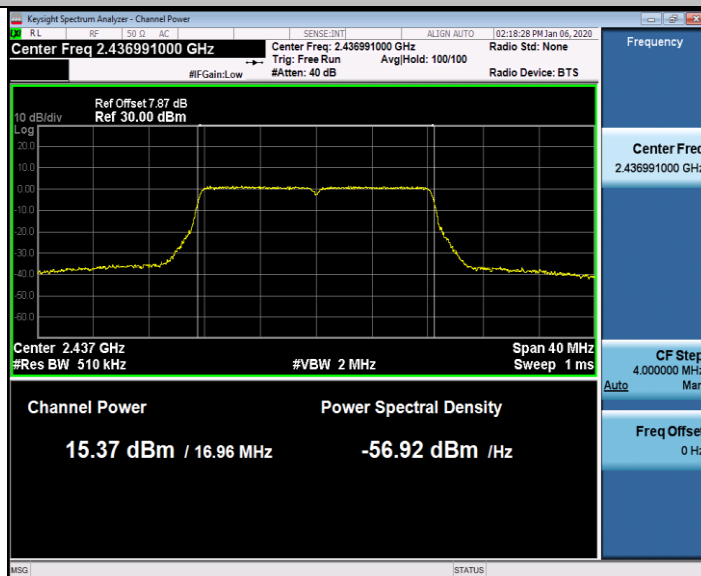
11B_Ant1_2462



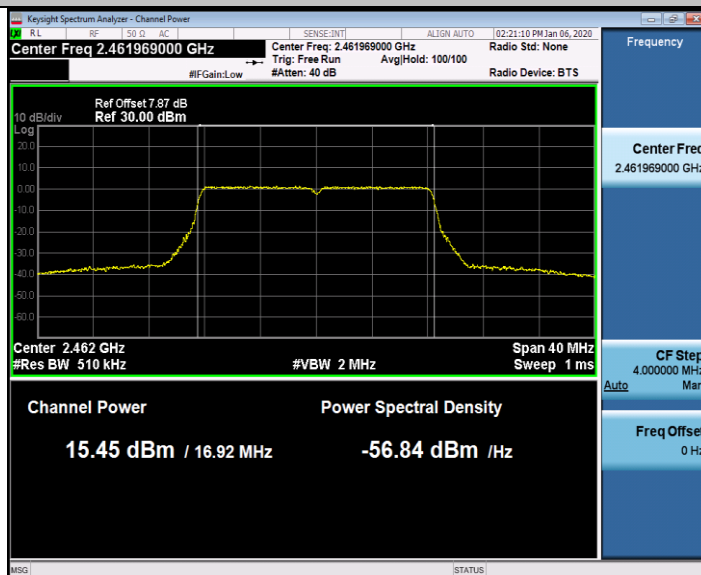
11G_Ant1_2412



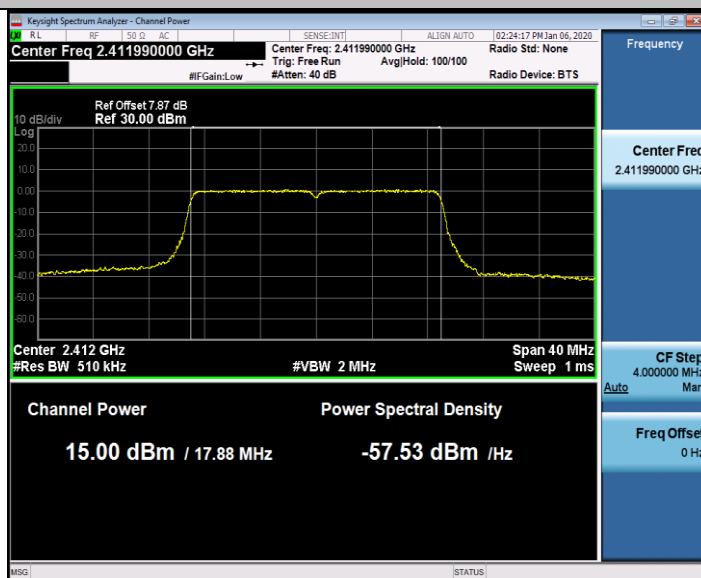
11G_Ant1_2437



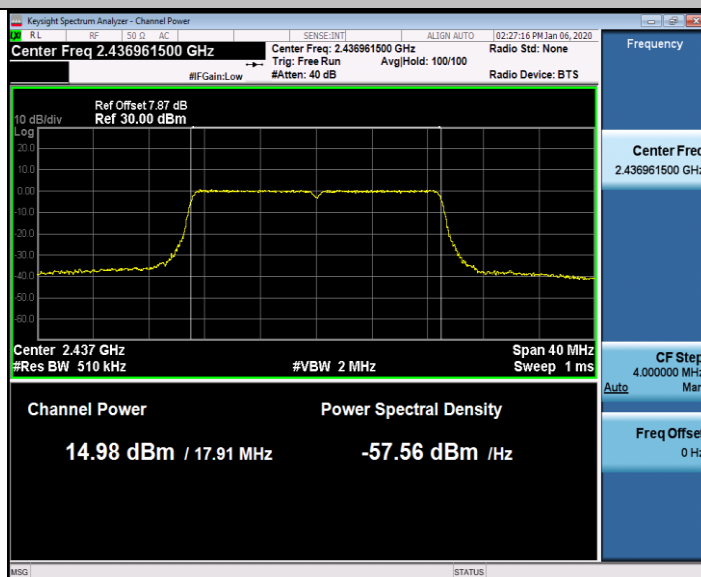
11G_Ant1_2462



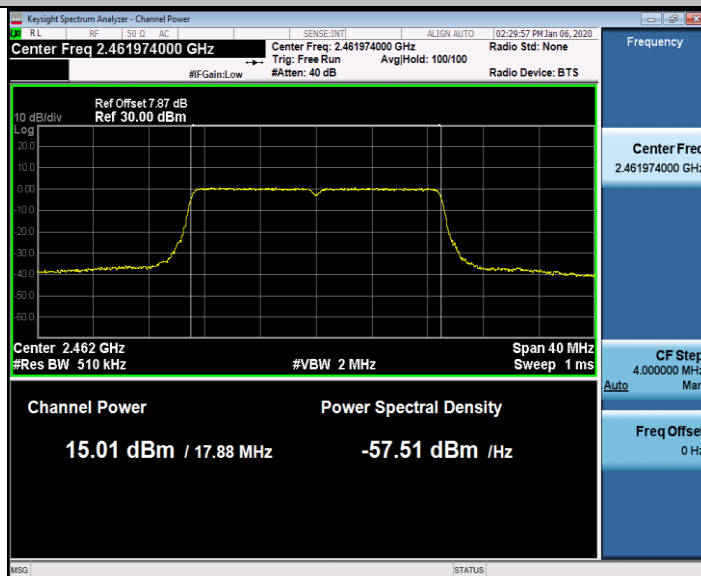
11N20SISO_Ant1_2412



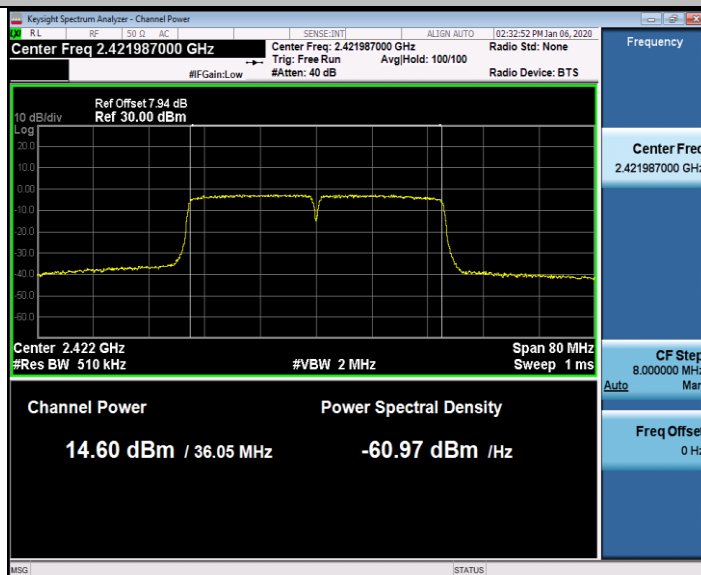
11N20SISO_Ant1_2437



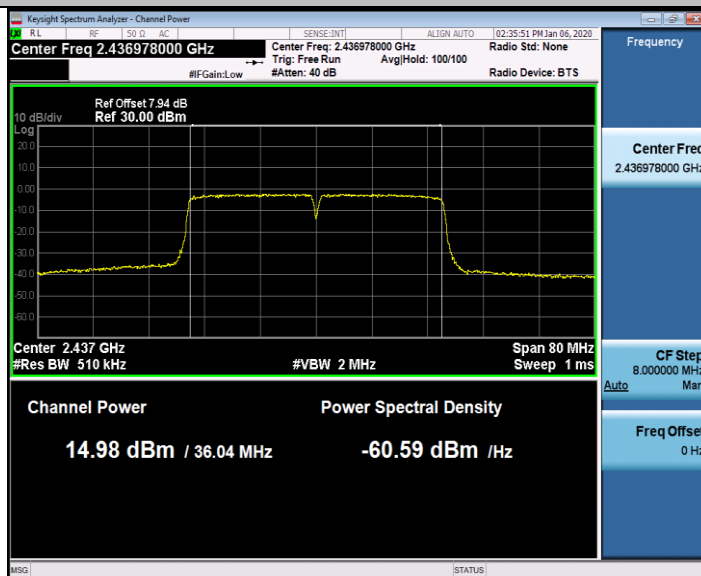
11N20SISO_Ant1_2462



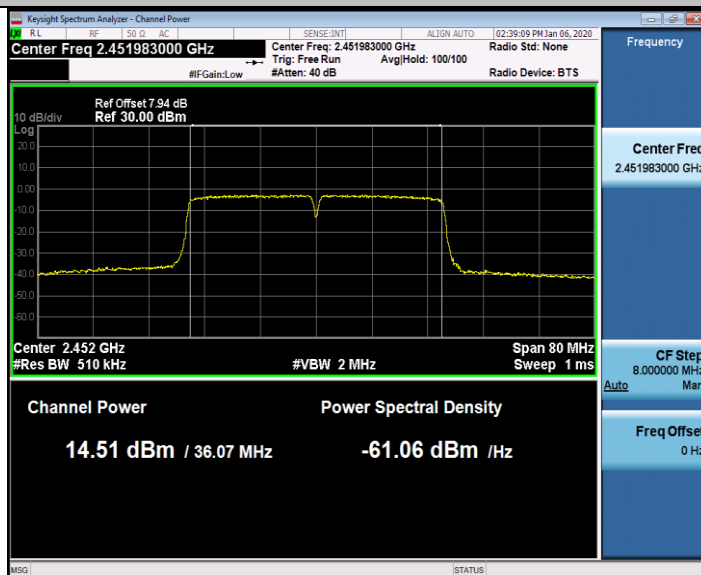
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



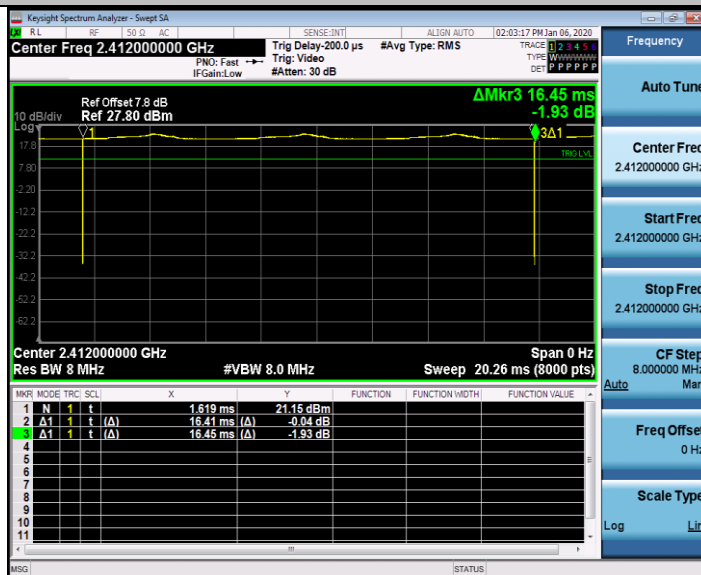
Appendix D: Duty Cycle

Test Result

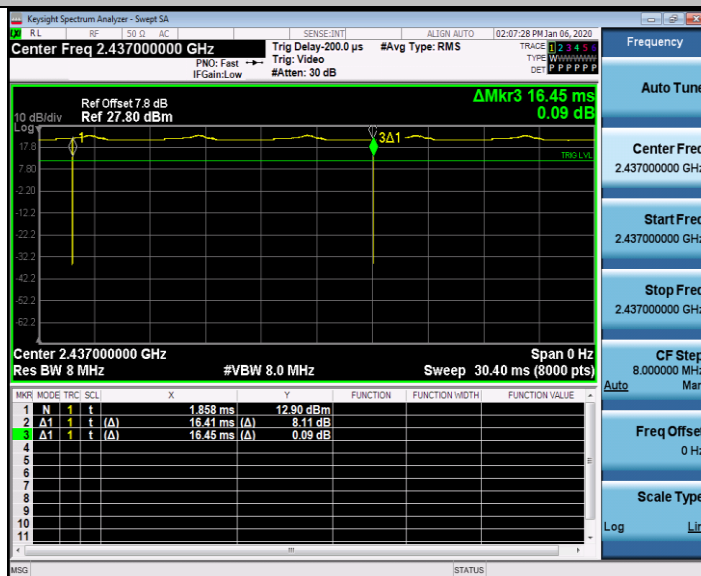
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	16.41	16.45	99.77
		2437	16.41	16.45	99.77
		2462	16.41	16.45	99.75
11G	Ant1	2412	2.72	2.77	98.49
		2437	2.72	2.77	98.49
		2462	2.72	2.77	98.49
11N20SISO	Ant1	2412	2.52	2.56	98.42
		2437	2.52	2.56	98.37
		2462	2.52	2.56	98.37
11N40SISO	Ant1	2422	1.22	1.27	96.80
		2437	1.22	1.27	96.80
		2452	1.22	1.27	96.80

Test Graphs

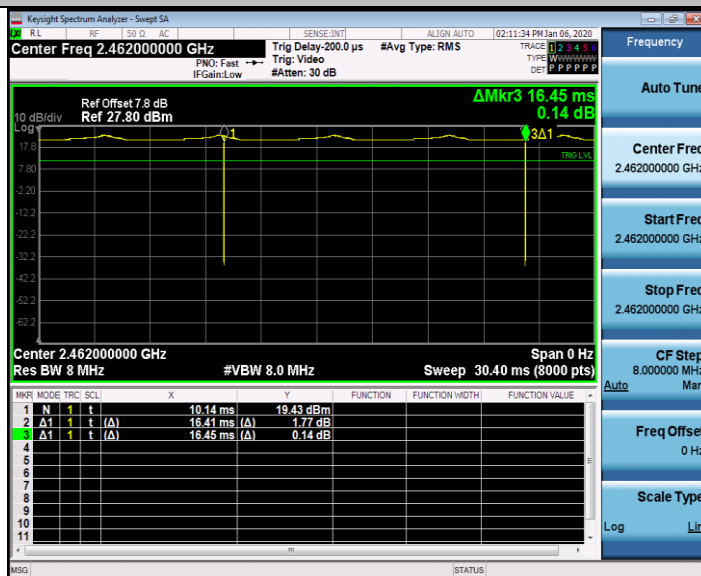
11B_Ant1_2412



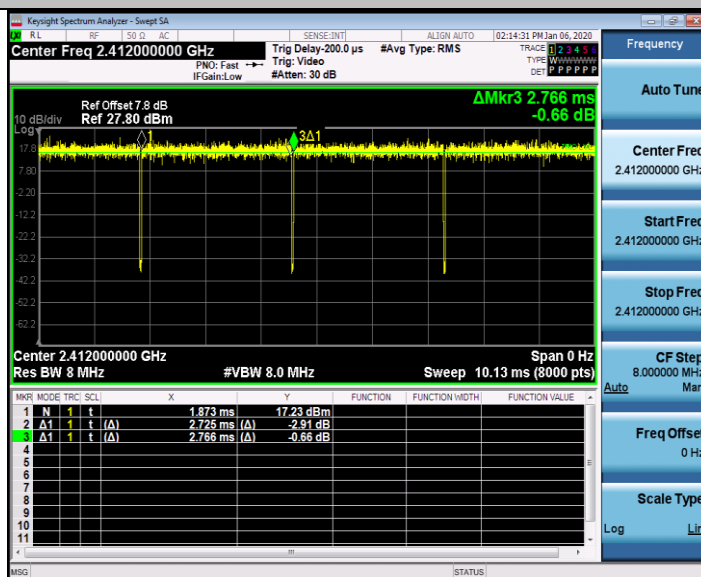
11B_Ant1_2437



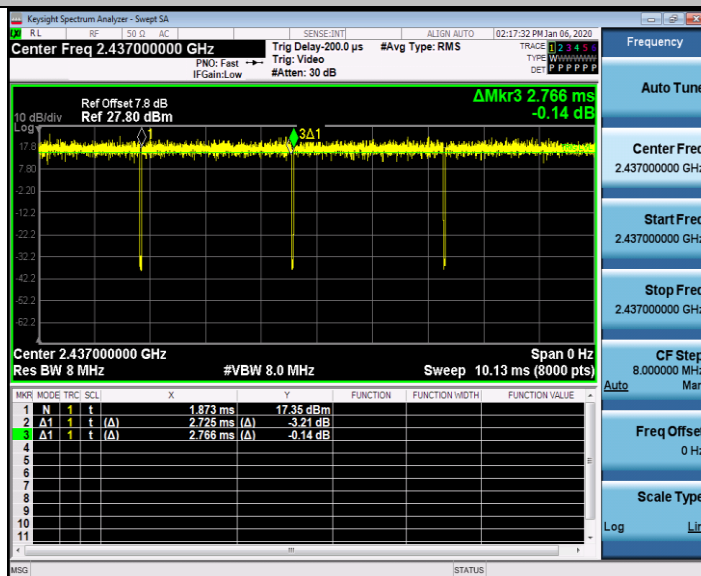
11B_Ant1_2462



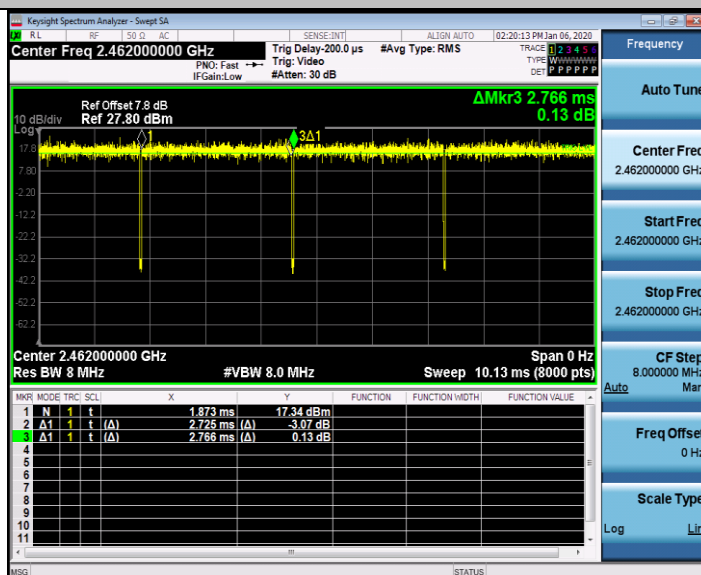
11G_Ant1_2412



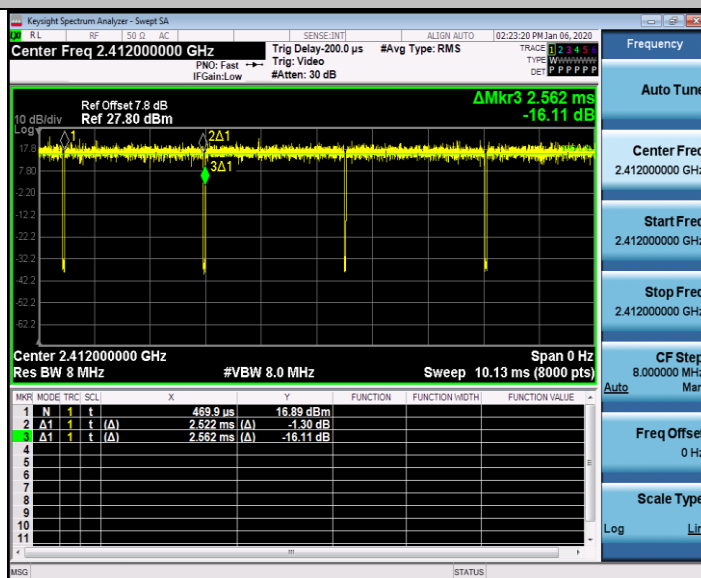
11G_Ant1_2437



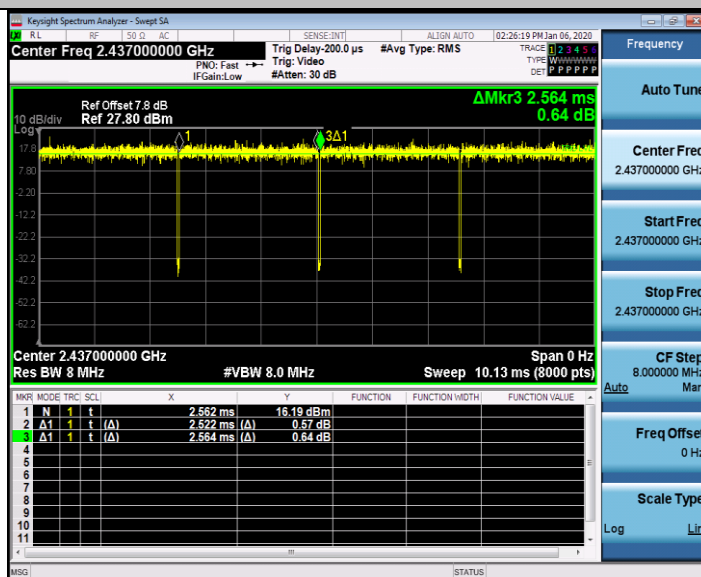
11G_Ant1_2462



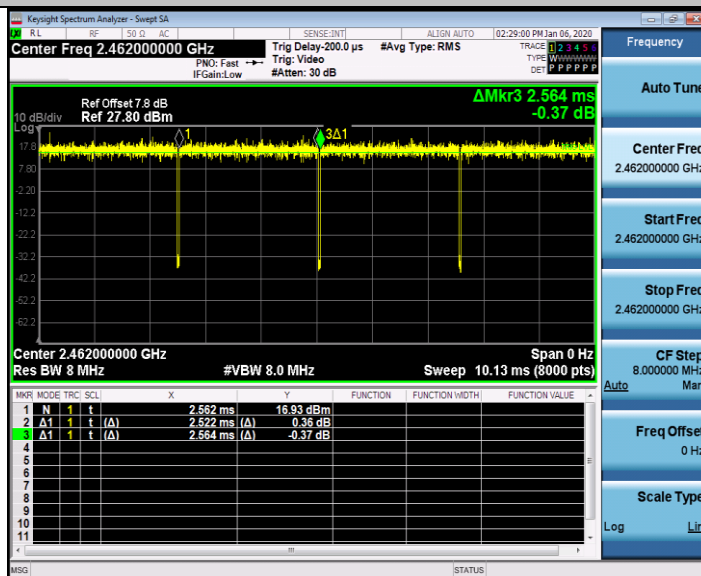
11N20SISO_Ant1_2412



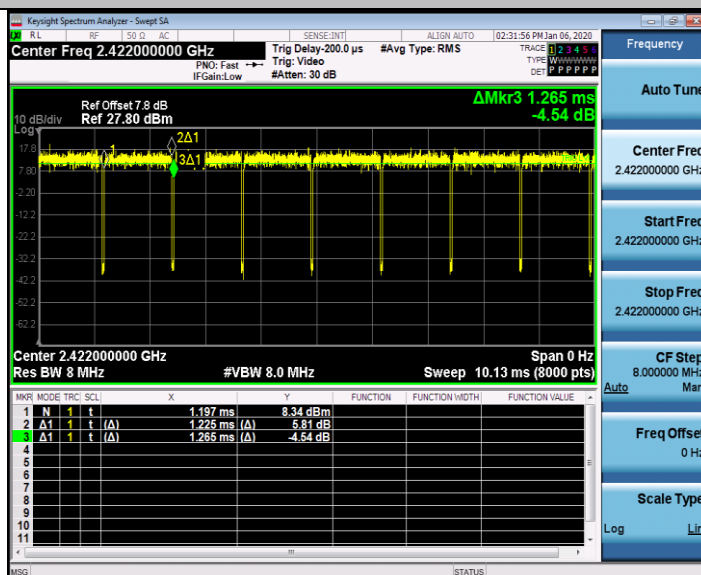
11N20SISO_Ant1_2437



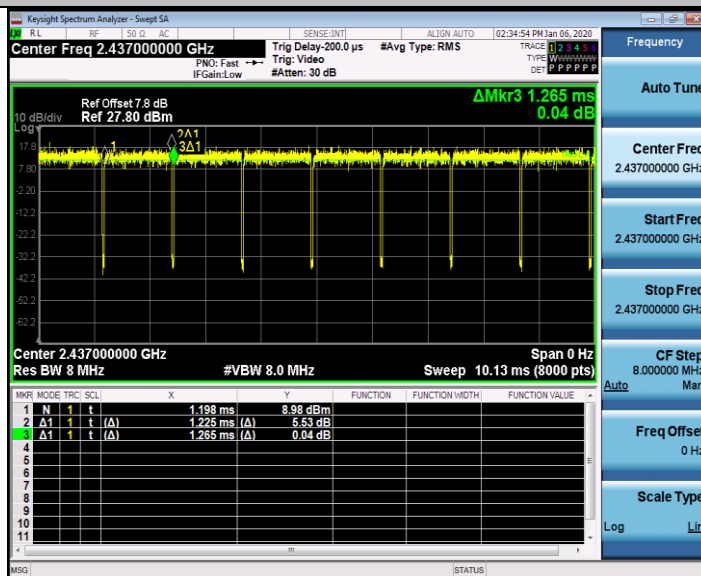
11N20SISO_Ant1_2462



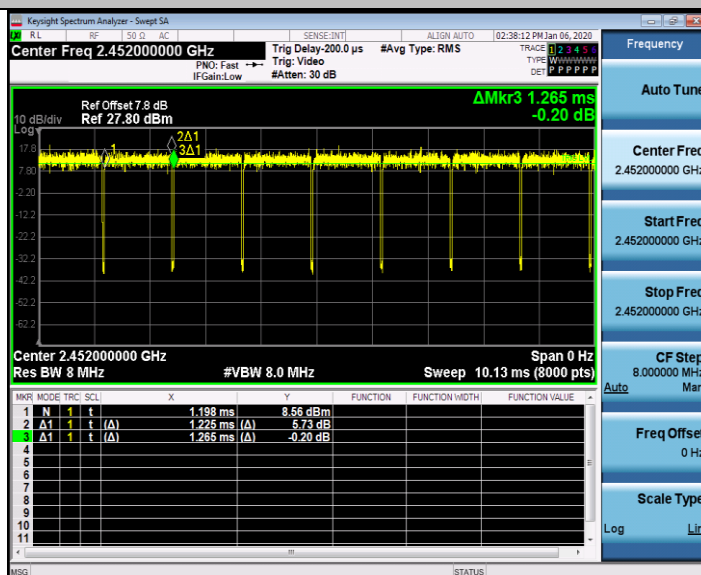
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/30kHz]	Duty Cycle Factor	Verdict
11B	Ant1	2412	-4.55	<=18	0.01	PASS
		2437	-4.68	<=18	0.01	PASS
		2462	-4.43	<=18	0.01	PASS
11G	Ant1	2412	-9.08	<=18	0.06	PASS
		2437	-8.93	<=18	0.06	PASS
		2462	-8.66	<=18	0.06	PASS
11N20SISO	Ant1	2412	-9.66	<=18	0.06	PASS
		2437	-9.46	<=18	0.07	PASS
		2462	-9.56	<=18	0.07	PASS
11N40SISO	Ant1	2422	-12.22	<=18	0.14	PASS
		2437	-12.37	<=18	0.14	PASS
		2452	-12.85	<=18	0.14	PASS

Note:

calculating the RBW=30kHz limit

$8(\text{limit for RBW=3kHz})+10*\log(30/3)= 18$

Test Graphs

11B_Ant1_2412



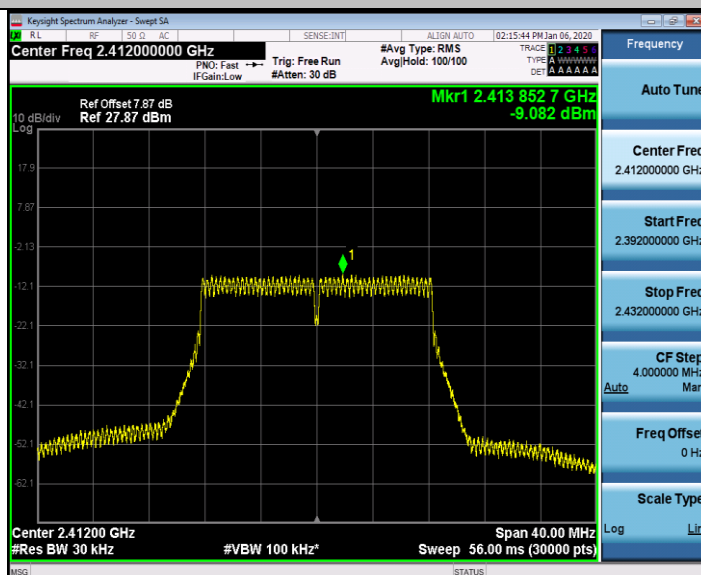
11B_Ant1_2437



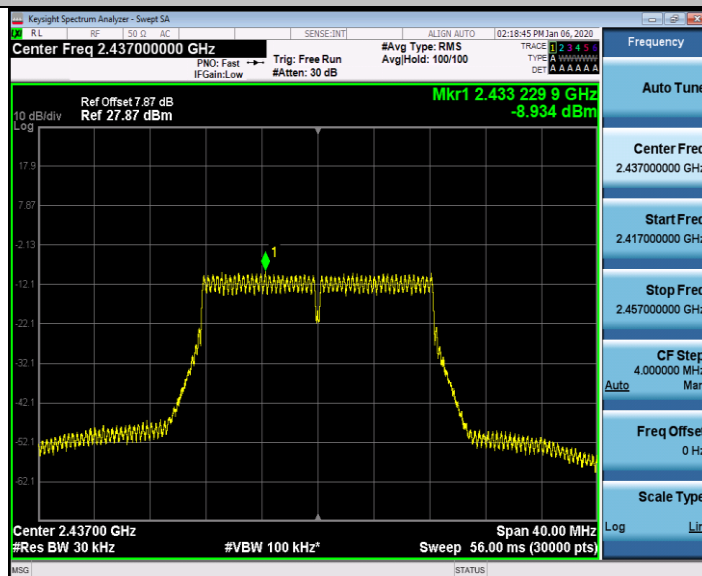
11B_Ant1_2462



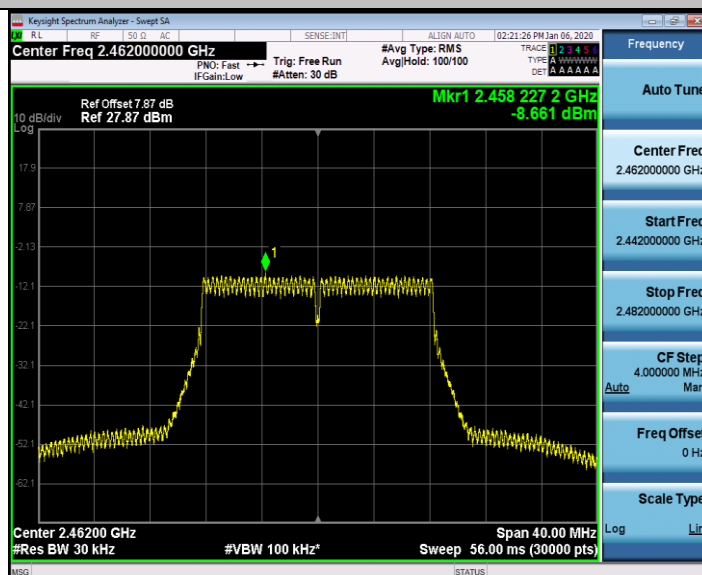
11G_Ant1_2412



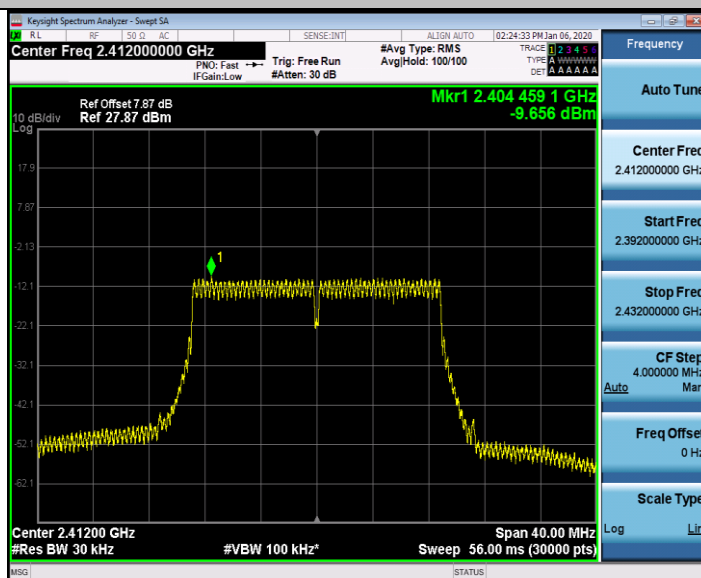
11G_Ant1_2437



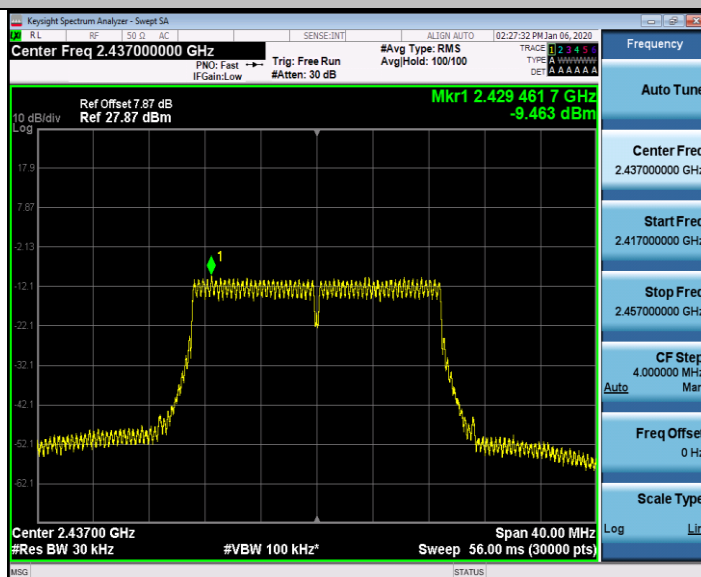
11G_Ant1_2462



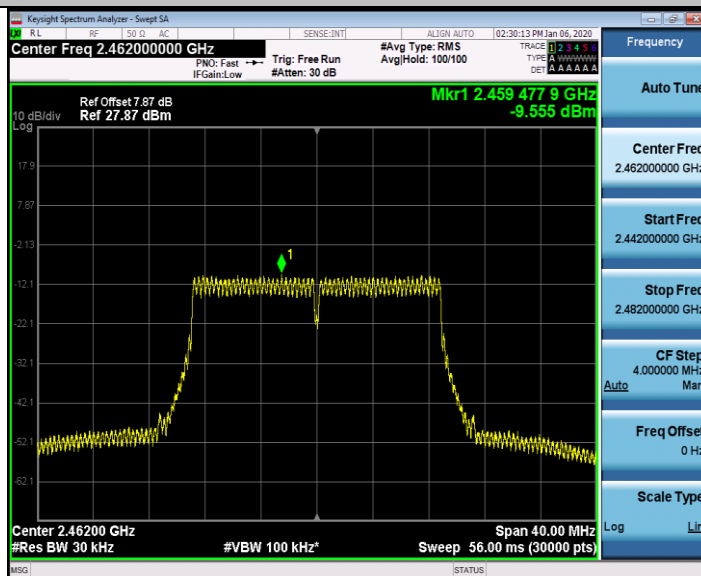
11N20SISO_Ant1_2412



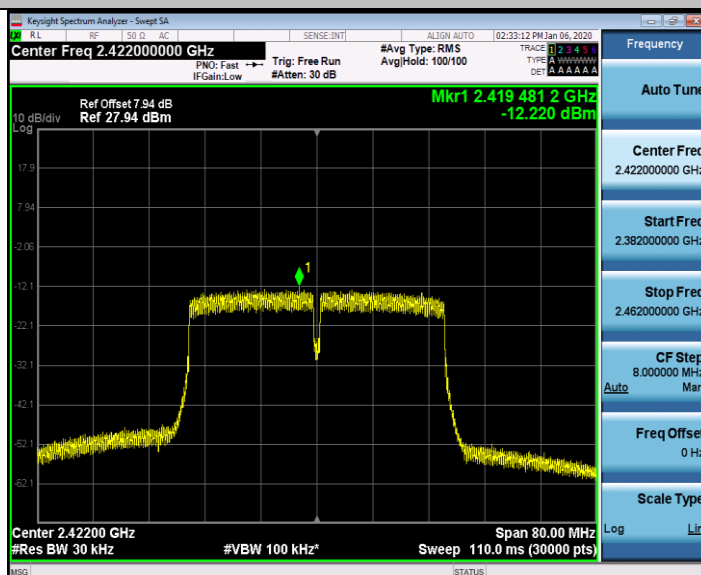
11N20SISO_Ant1_2437



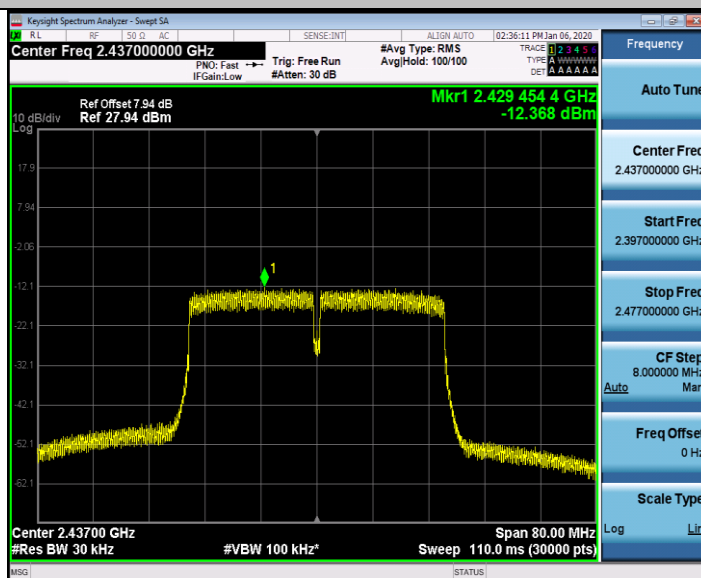
11N20SISO_Ant1_2462



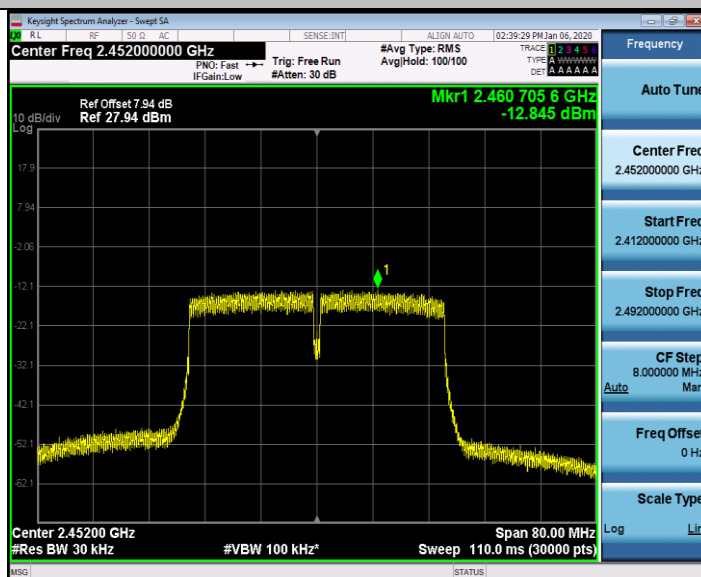
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



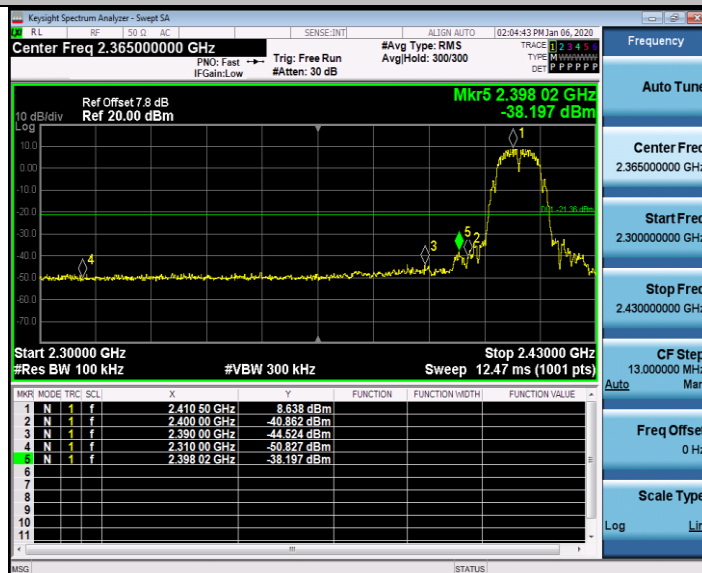
Appendix F: Band edge measurements

Test Result

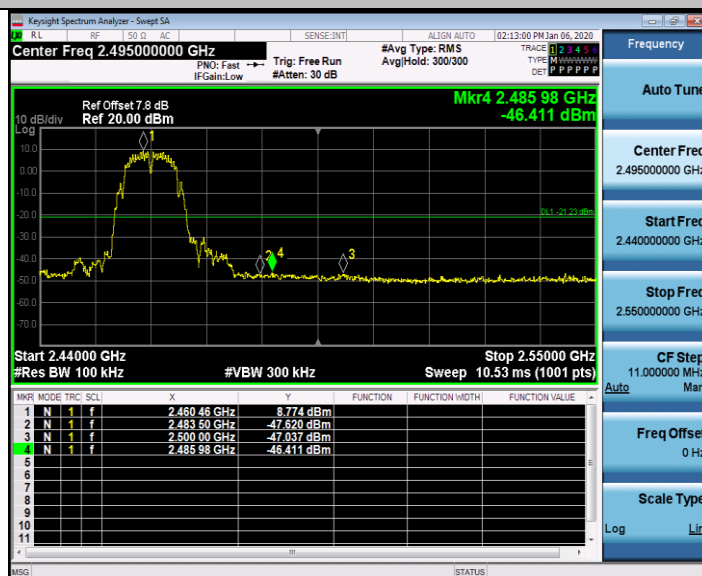
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.64	-38.2	<=-21.36	PASS
		High	2462	8.77	-46.41	<=-21.23	PASS
11G	Ant1	Low	2412	4.18	-31.44	<=-25.82	PASS
		High	2462	4.04	-40.43	<=-25.96	PASS
11N20SISO	Ant1	Low	2412	3.40	-31.15	<=-26.61	PASS
		High	2462	3.05	-41.23	<=-26.95	PASS
11N40SISO	Ant1	Low	2422	0.55	-33.41	<=-29.46	PASS
		High	2452	0.51	-38.75	<=-29.49	PASS

Test Graphs

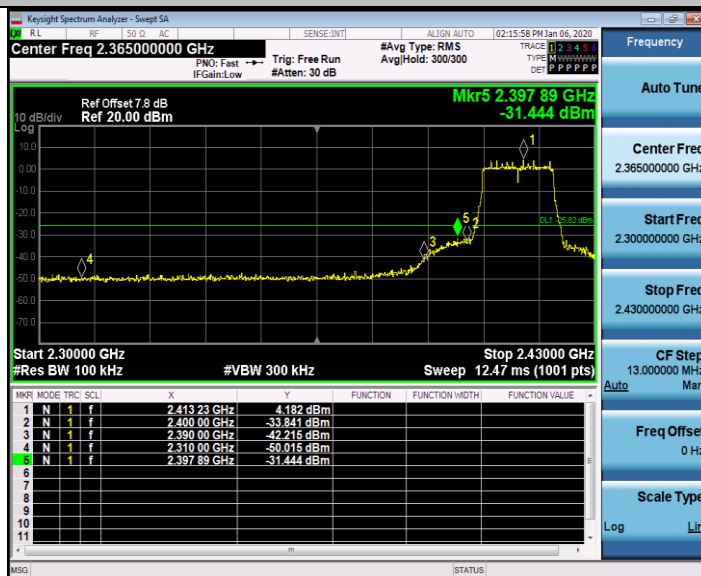
11B_Ant1_Low_2412



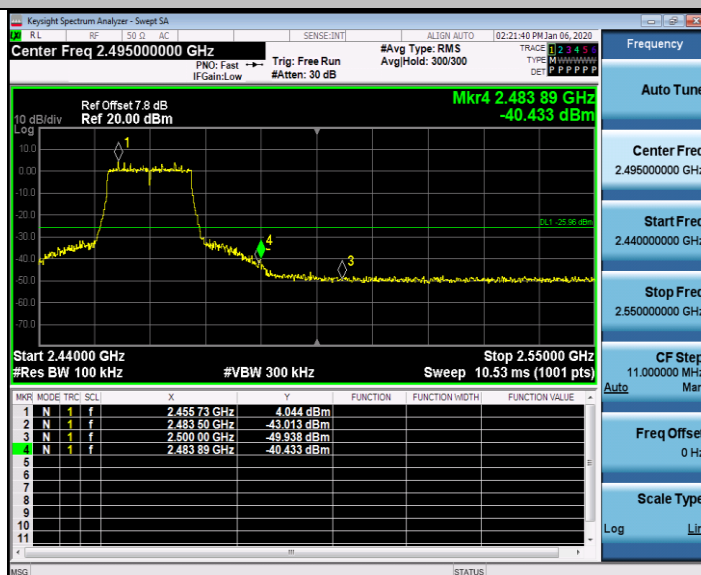
11B_Ant1_High_2462



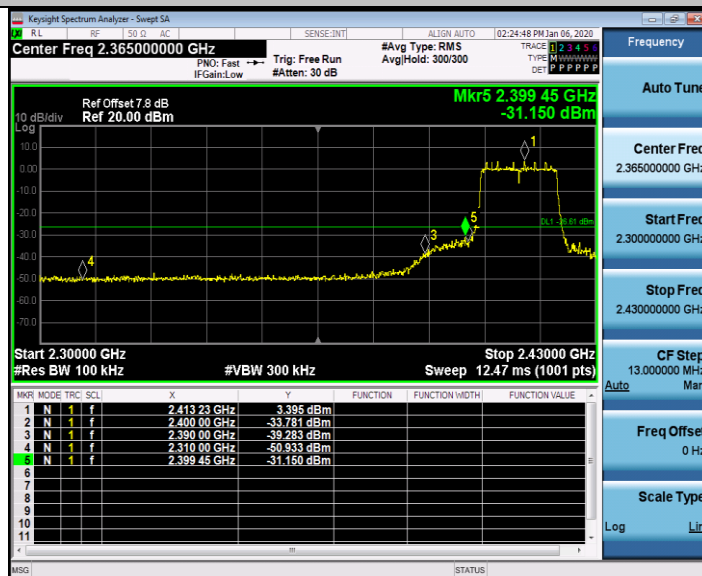
11G_Ant1_Low_2412



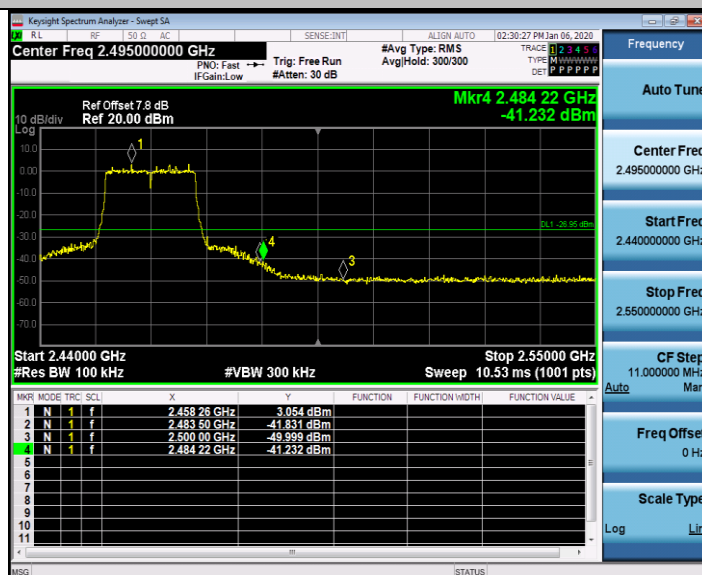
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



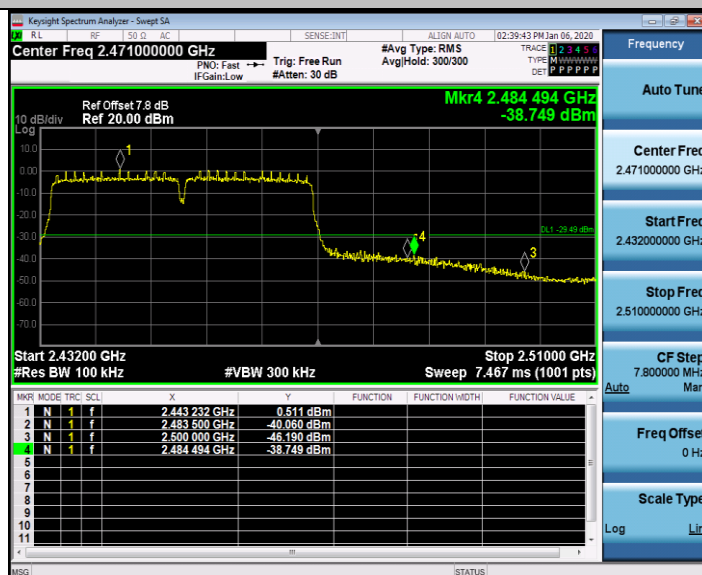
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix G: Conducted Spurious Emission

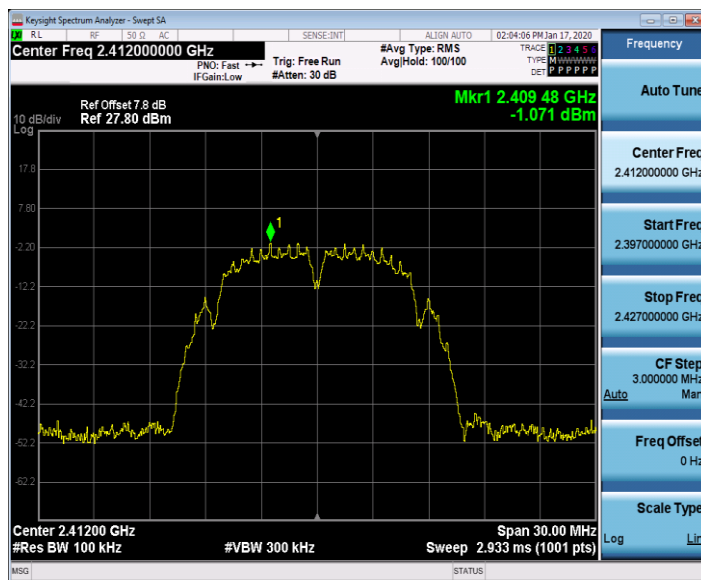
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.07	-1.07	---	PASS
			30~1000	30~1000	-57.425	<=-31.071	PASS
			1000~26500	1000~26500	-39.196	<=-31.071	PASS
		2437	Reference	-1.57	-1.57	---	PASS
			30~1000	30~1000	-57.984	<=-31.565	PASS
			1000~26500	1000~26500	-38.728	<=-31.565	PASS
		2462	Reference	-1.12	-1.12	---	PASS
			30~1000	30~1000	-56.817	<=-31.123	PASS
			1000~26500	1000~26500	-38.622	<=-31.123	PASS
11G	Ant1	2412	Reference	3.23	3.23	---	PASS
			30~1000	30~1000	-67.217	<=-26.772	PASS
			1000~26500	1000~26500	-48.528	<=-26.772	PASS
		2437	Reference	3.23	3.23	---	PASS
			30~1000	30~1000	-66.799	<=-26.769	PASS
			1000~26500	1000~26500	-48.122	<=-26.769	PASS
		2462	Reference	3.96	3.96	---	PASS
			30~1000	30~1000	-67.48	<=-26.045	PASS
			1000~26500	1000~26500	-49.298	<=-26.045	PASS
11N20SISO	Ant1	2412	Reference	3.57	3.57	---	PASS
			30~1000	30~1000	-66.587	<=-26.435	PASS
			1000~26500	1000~26500	-48.782	<=-26.435	PASS
		2437	Reference	2.91	2.91	---	PASS
			30~1000	30~1000	-67.068	<=-27.091	PASS
			1000~26500	1000~26500	-48.494	<=-27.091	PASS
		2462	Reference	1.04	1.04	---	PASS
			30~1000	30~1000	-67.449	<=-28.964	PASS
			1000~26500	1000~26500	-48.929	<=-28.964	PASS
11N40SISO	Ant1	2422	Reference	0.22	0.22	---	PASS
			30~1000	30~1000	-67.14	<=-29.785	PASS

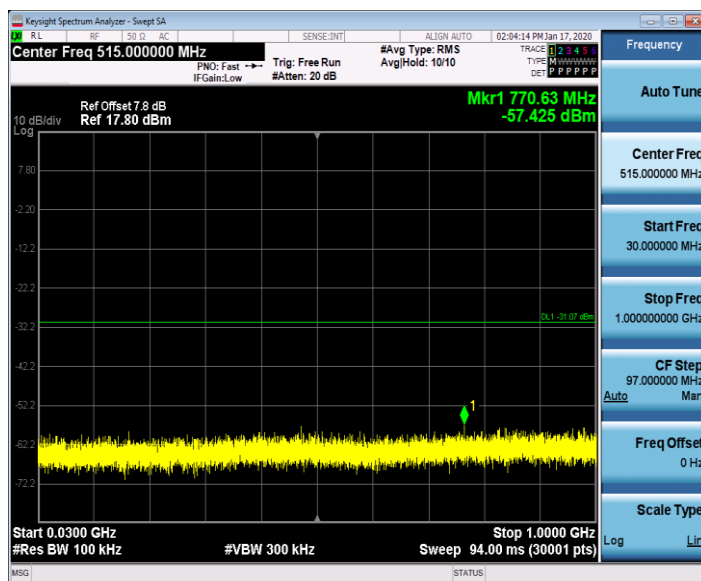
			1000~26500	1000~26500	-49.069	<=-29.785	PASS
		2437	Reference	0.91	0.91	---	PASS
			30~1000	30~1000	-66.4	<=-29.091	PASS
			1000~26500	1000~26500	-49.076	<=-29.091	PASS
		2452	Reference	0.41	0.41	---	PASS
			30~1000	30~1000	-59.679	<=-29.59	PASS
			1000~26500	1000~26500	-49.411	<=-29.59	PASS

Test Graphs

11B_Ant1_2412_0~Reference



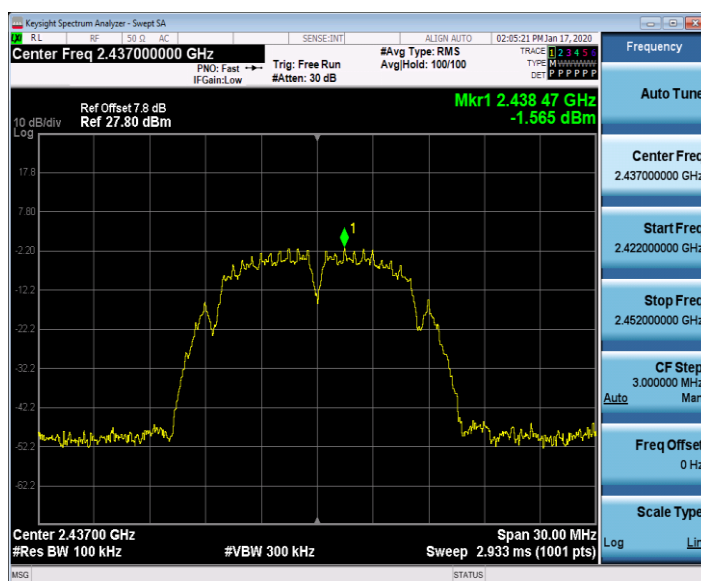
11B_Ant1_2412_30~1000



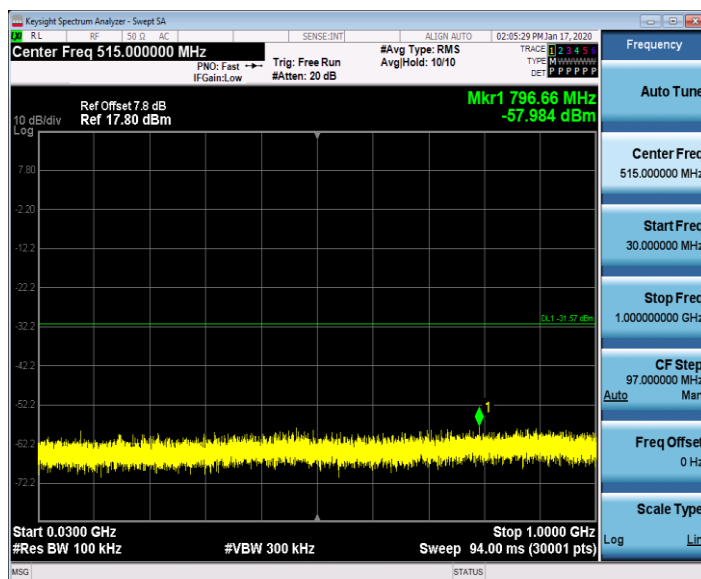
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



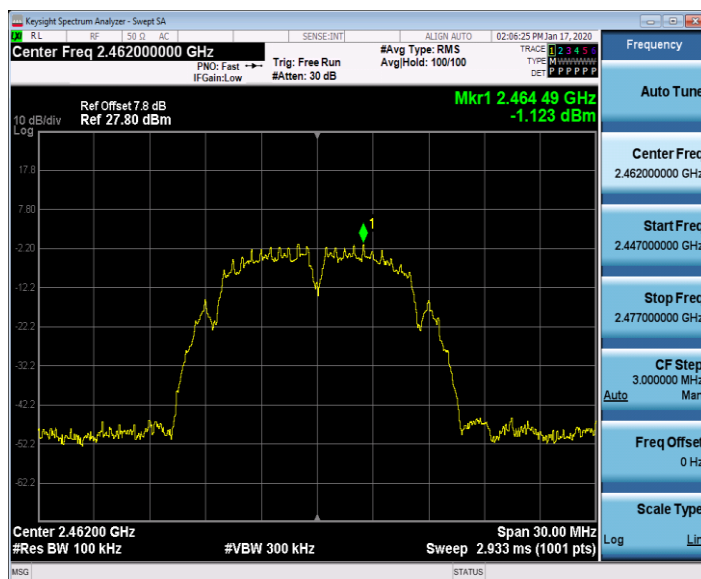
11B_Ant1_2437_30~1000



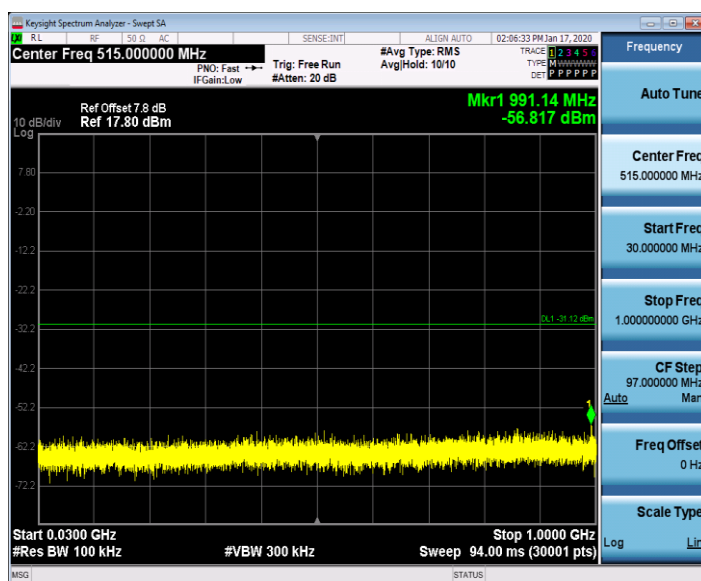
11B_Ant1_2437_1000~26500



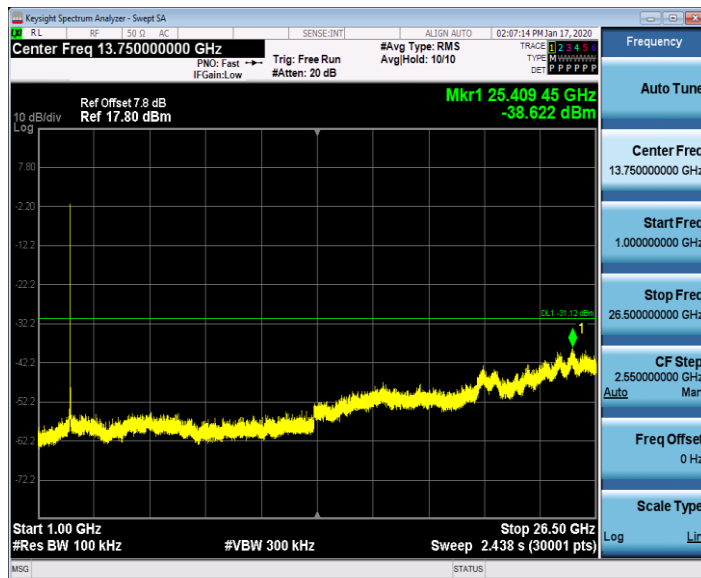
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



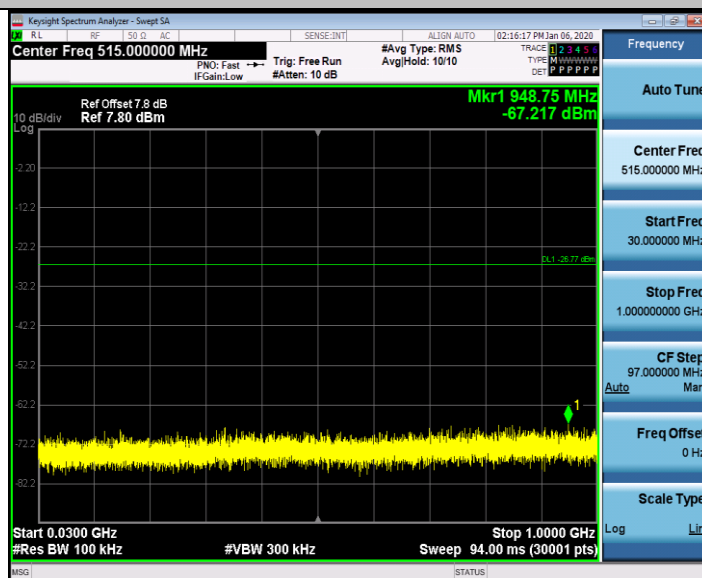
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500

