



**Maximum conducted output power**

**Test Result**

Test Mode	Antenna	Channel	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	24.88	<=30	PASS
	Ant1	2412	25.89	<=30	PASS
	Ant2	2412	26.45	<=30	PASS
	Ant0	2437	24.81	<=30	PASS
	Ant1	2437	25.78	<=30	PASS
	Ant2	2437	26.44	<=30	PASS
	Ant0	2462	24.57	<=30	PASS
	Ant1	2462	25.45	<=30	PASS
	Ant2	2462	26.11	<=30	PASS
11G	Ant0	2412	22.43	<=30	PASS
	Ant1	2412	22.75	<=30	PASS
	Ant2	2412	23.50	<=30	PASS
	Ant0	2437	22.42	<=30	PASS
	Ant1	2437	23.06	<=30	PASS
	Ant2	2437	23.59	<=30	PASS
	Ant0	2462	22.05	<=30	PASS
	Ant1	2462	22.87	<=30	PASS
	Ant2	2462	23.36	<=30	PASS
11N20SISO	Ant0	2412	22.28	<=30	PASS
	Ant1	2412	22.70	<=30	PASS
	Ant2	2412	23.13	<=30	PASS
	Ant0	2437	22.30	<=30	PASS
	Ant1	2437	23.84	<=30	PASS
	Ant2	2437	23.24	<=30	PASS
	Ant0	2462	22.02	<=30	PASS
	Ant1	2462	22.78	<=30	PASS
	Ant2	2462	23.05	<=30	PASS
11N40SISO	Ant0	2422	21.95	<=30	PASS
	Ant1	2422	22.55	<=30	PASS
	Ant2	2422	23.02	<=30	PASS
	Ant0	2437	21.79	<=30	PASS
	Ant1	2437	22.63	<=30	PASS
	Ant2	2437	22.95	<=30	PASS
	Ant0	2452	21.60	<=30	PASS
	Ant1	2452	22.64	<=30	PASS
	Ant2	2452	22.92	<=30	PASS

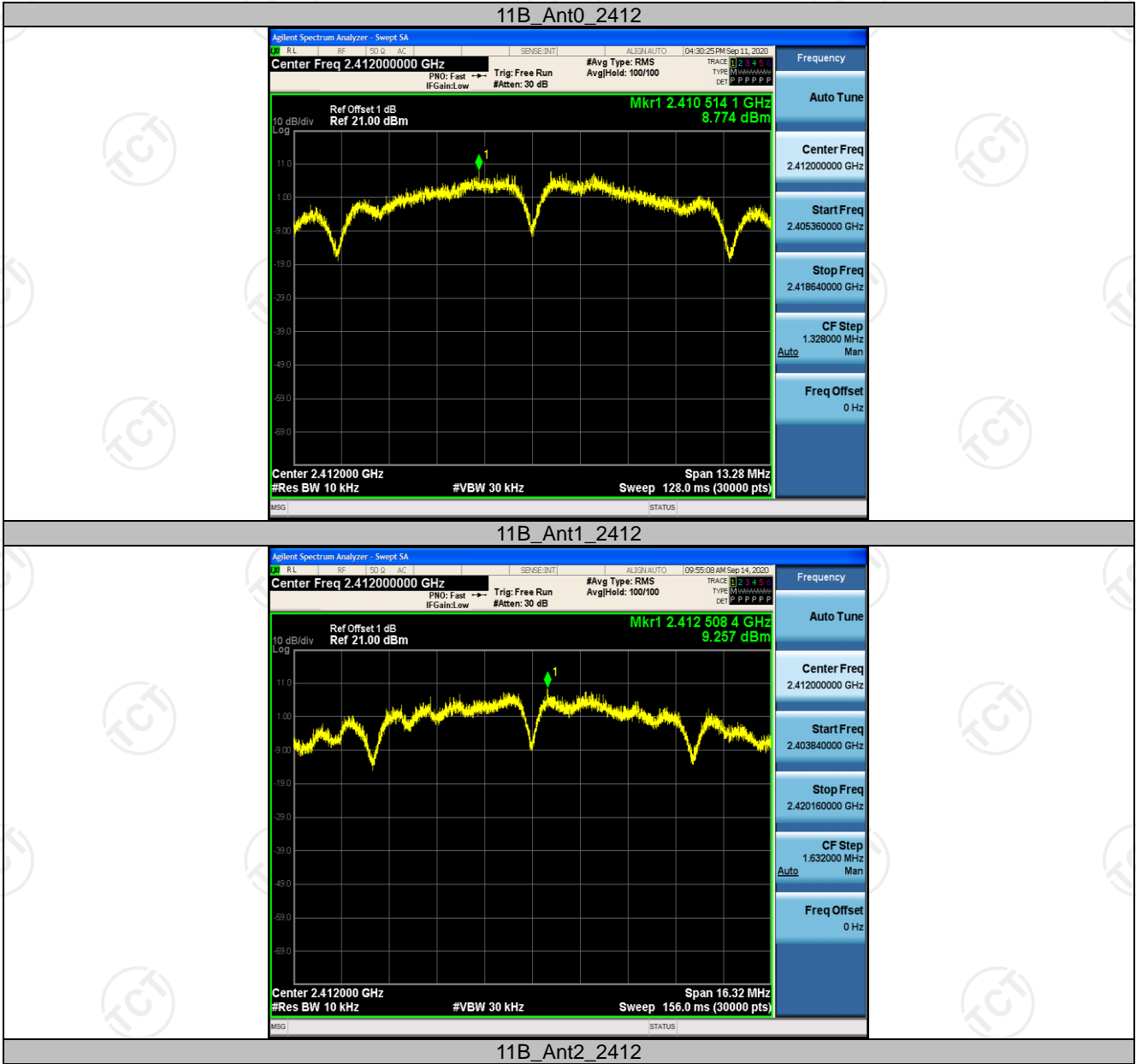
### Maximum power spectral density

#### Test Result

Test Mode	Antenna	Channel	Result [dBm/10kHz]	Correction Factor	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant0	2412	8.77	-5.23	3.54	<=8	PASS
	Ant1	2412	9.26	-5.23	4.03	<=8	PASS
	Ant2	2412	8.82	-5.23	3.59	<=8	PASS
	Ant0	2437	9.13	-5.23	3.90	<=8	PASS
	Ant1	2437	8.02	-5.23	2.79	<=8	PASS
	Ant2	2437	8.4	-5.23	3.17	<=8	PASS
	Ant0	2462	8.36	-5.23	3.13	<=8	PASS
	Ant1	2462	9.36	-5.23	4.13	<=8	PASS
	Ant2	2462	8.09	-5.23	2.86	<=8	PASS
11G	Ant0	2412	3.57	-5.23	-1.66	<=8	PASS
	Ant1	2412	3.98	-5.23	-1.25	<=8	PASS
	Ant2	2412	3.4	-5.23	-1.83	<=8	PASS
	Ant0	2437	3.06	-5.23	-2.17	<=8	PASS
	Ant1	2437	5.24	-5.23	0.01	<=8	PASS
	Ant2	2437	4.45	-5.23	-0.78	<=8	PASS
	Ant0	2462	3.65	-5.23	-1.58	<=8	PASS
	Ant1	2462	3.75	-5.23	-1.48	<=8	PASS
	Ant2	2462	4.68	-5.23	-0.55	<=8	PASS
11N20SISO	Ant0	2412	2.9	-5.23	-2.33	<=6.23	PASS
	Ant1	2412	3.49	-5.23	-1.74	<=6.23	PASS
	Ant2	2412	3.88	-5.23	-1.35	<=6.23	PASS
	Ant0	2437	3.3	-5.23	-1.93	<=6.23	PASS
	Ant1	2437	4.58	-5.23	-0.65	<=6.23	PASS
	Ant2	2437	3.95	-5.23	-1.28	<=6.23	PASS
	Ant0	2462	2.45	-5.23	-2.78	<=6.23	PASS
	Ant1	2462	3.35	-5.23	-1.88	<=6.23	PASS
	Ant2	2462	3.42	-5.23	-1.81	<=6.23	PASS
11N40SISO	Ant0	2422	-0.91	-5.23	-6.14	<=6.23	PASS
	Ant1	2422	-0.49	-5.23	-5.72	<=6.23	PASS
	Ant2	2422	1.26	-5.23	-3.97	<=6.23	PASS
	Ant0	2437	-0.61	-5.23	-5.84	<=6.23	PASS
	Ant1	2437	0.92	-5.23	-4.31	<=6.23	PASS
	Ant2	2437	0.47	-5.23	-4.76	<=6.23	PASS
	Ant0	2452	-0.98	-5.23	-6.21	<=6.23	PASS
	Ant1	2452	0.73	-5.23	-4.50	<=6.23	PASS
	Ant2	2452	1.48	-5.23	-3.75	<=6.23	PASS

Note: Correction Factor = 10log(3KHz/RBW in measurement)

Test Graphs





11B\_Ant0\_2437



11B\_Ant1\_2437



11B\_Ant2\_2437



11B\_Ant0\_2462



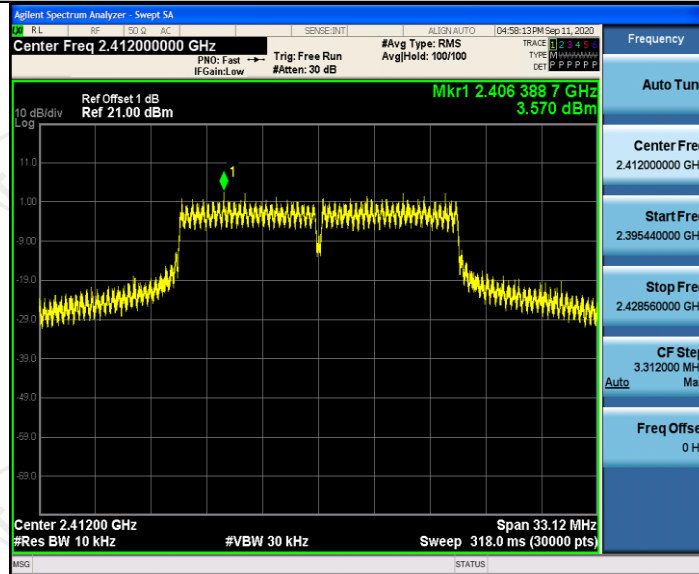
11B\_Ant1\_2462



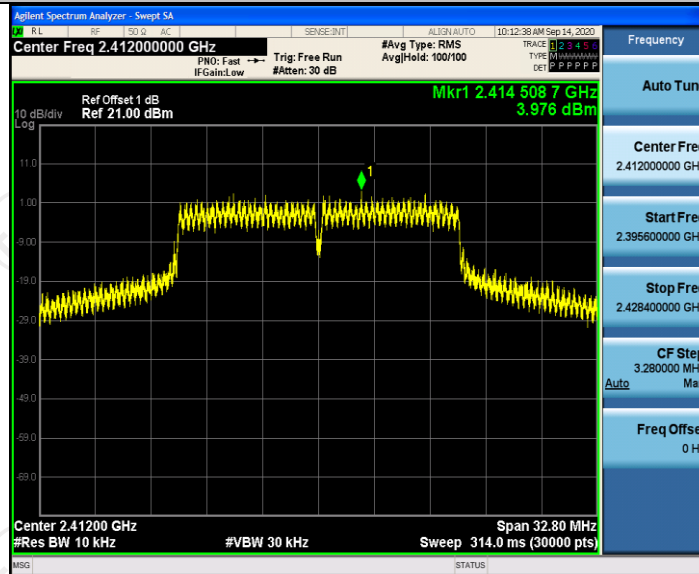
11B\_Ant2\_2462



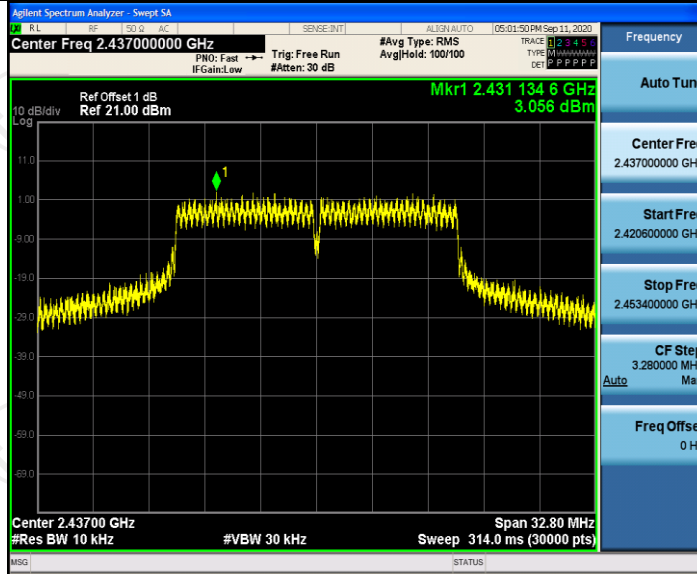
11G\_Ant0\_2412



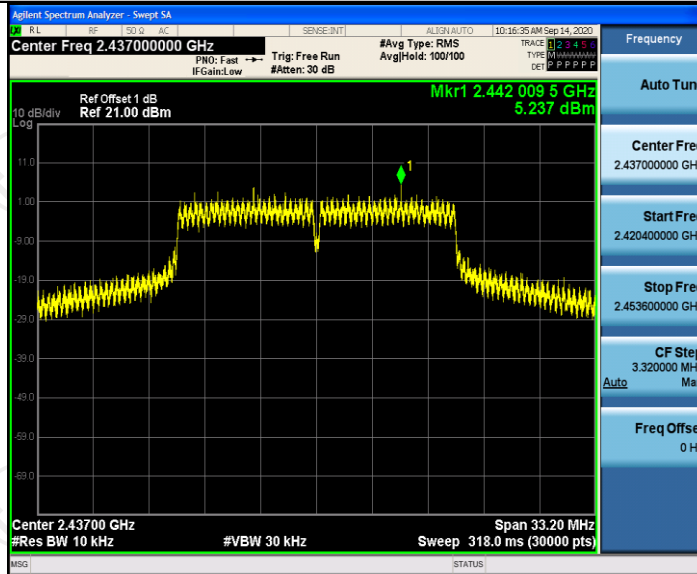
11G\_Ant1\_2412



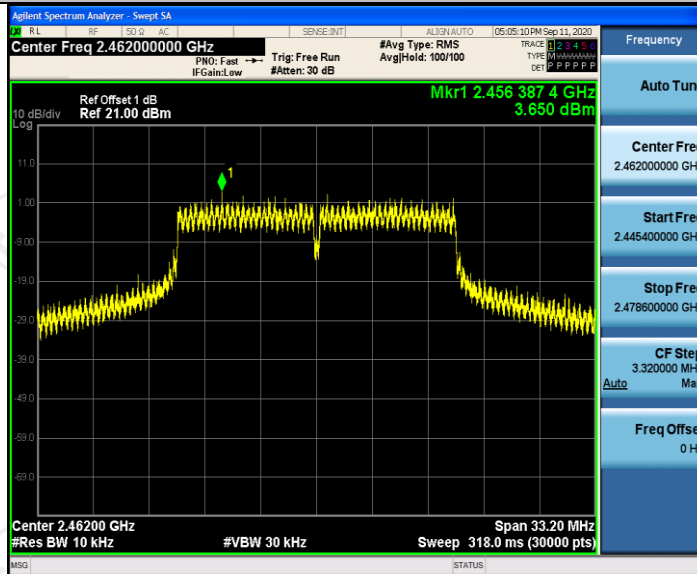
11G\_Ant0\_2437



11G\_Ant1\_2437

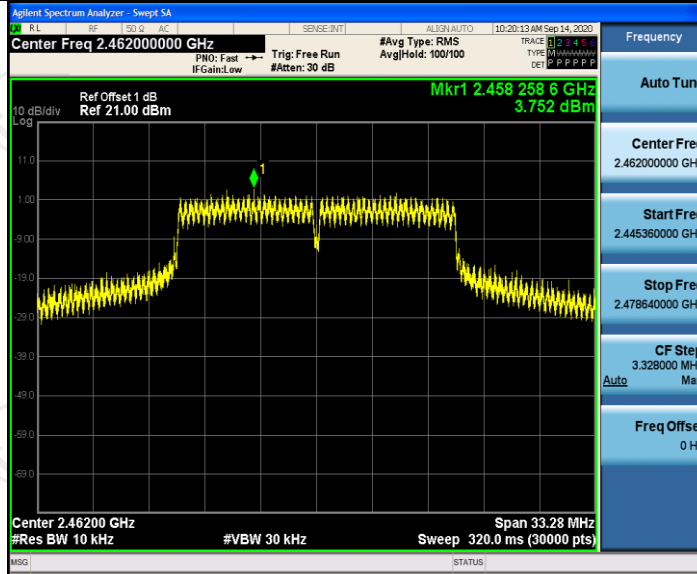


11G\_Ant0\_2462

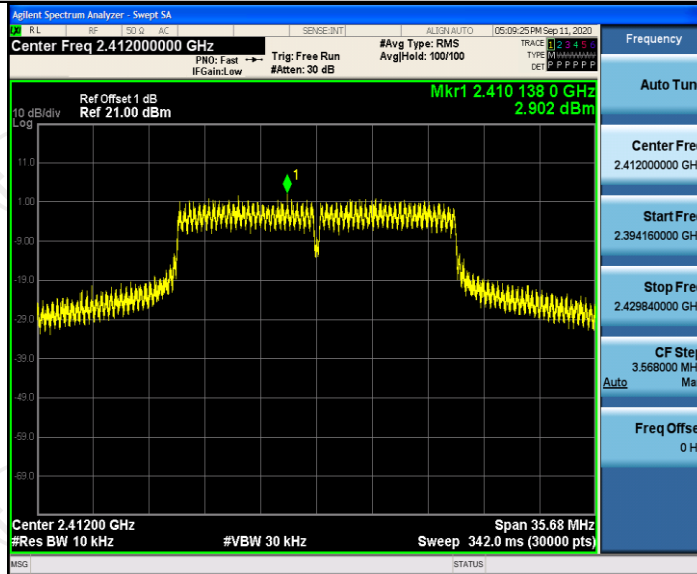


11G\_Ant1\_2462

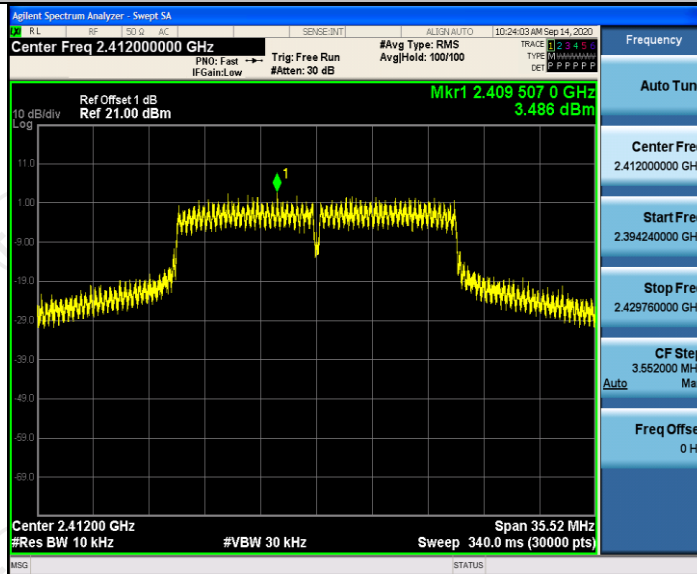




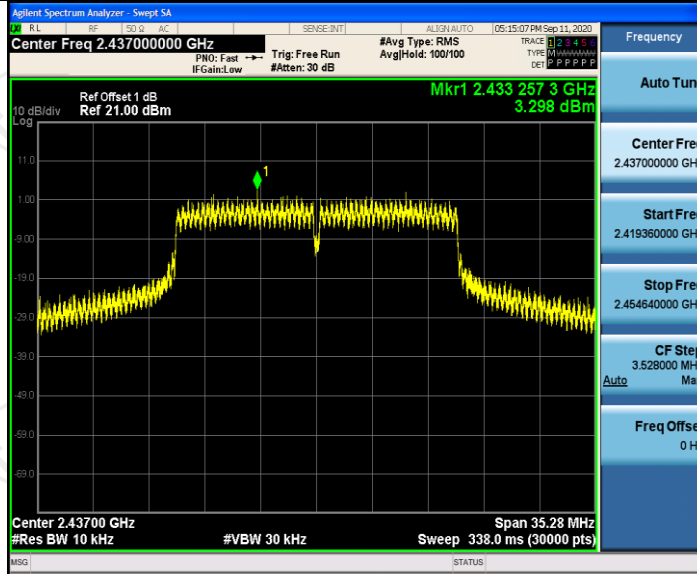
11N20SISO\_Ant0\_2412



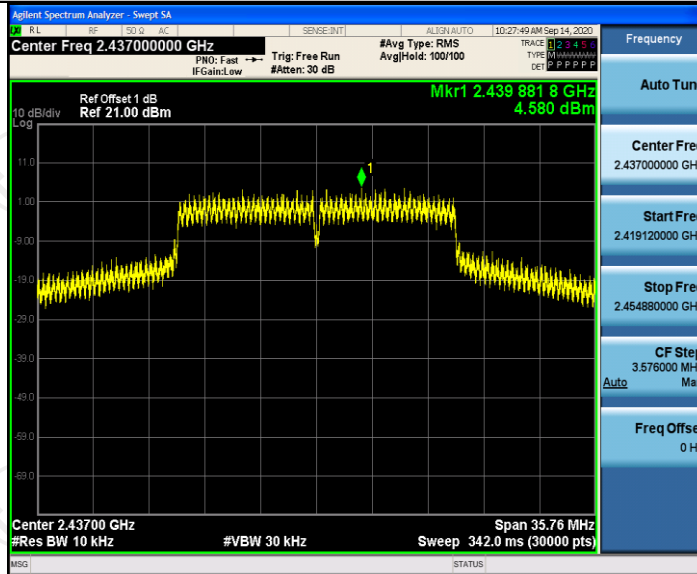
11N20SISO\_Ant1\_2412



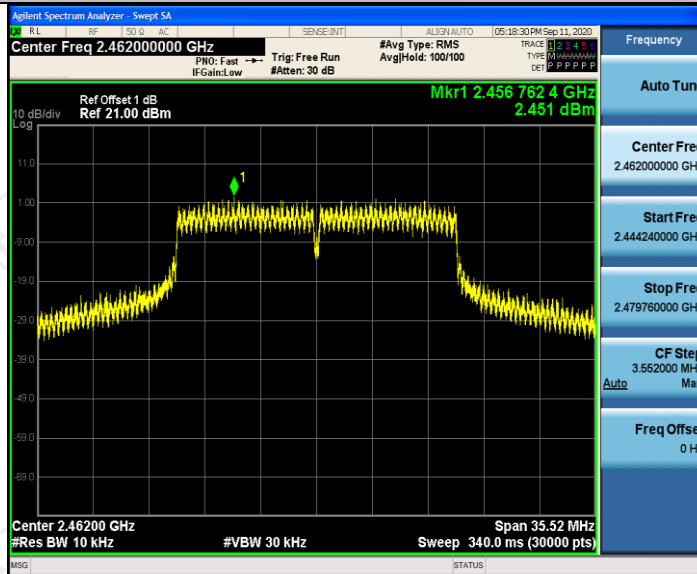
11N20SISO\_Ant0\_2437



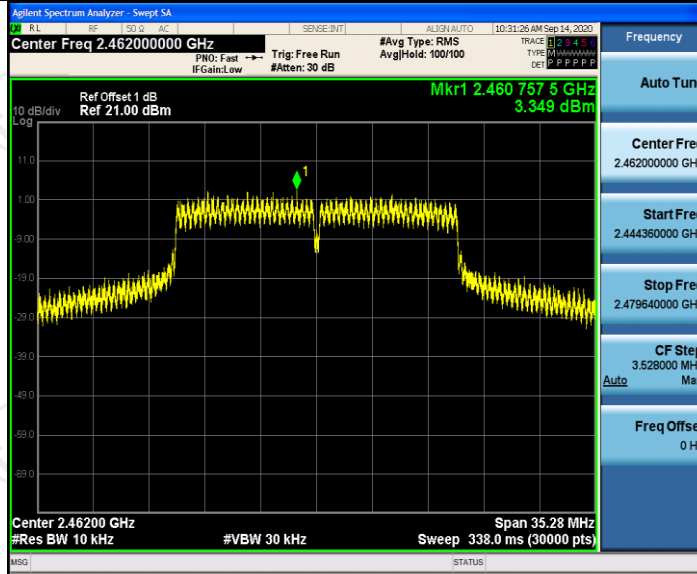
11N20SISO\_Ant1\_2437



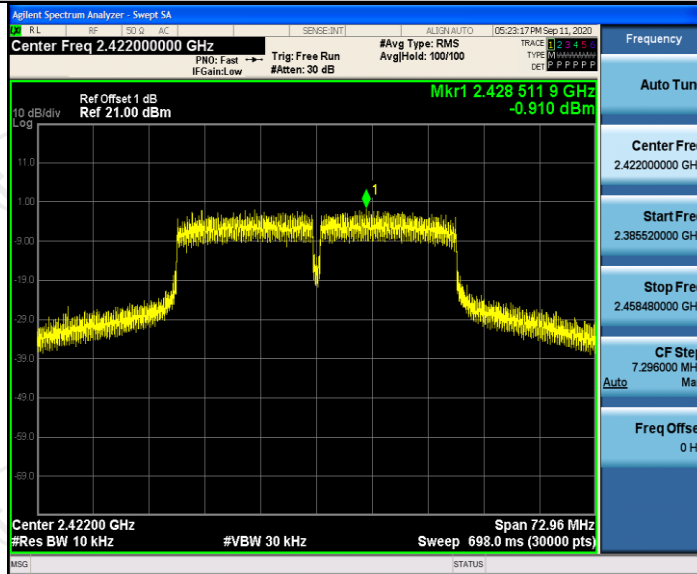
11N20SISO\_Ant0\_2462



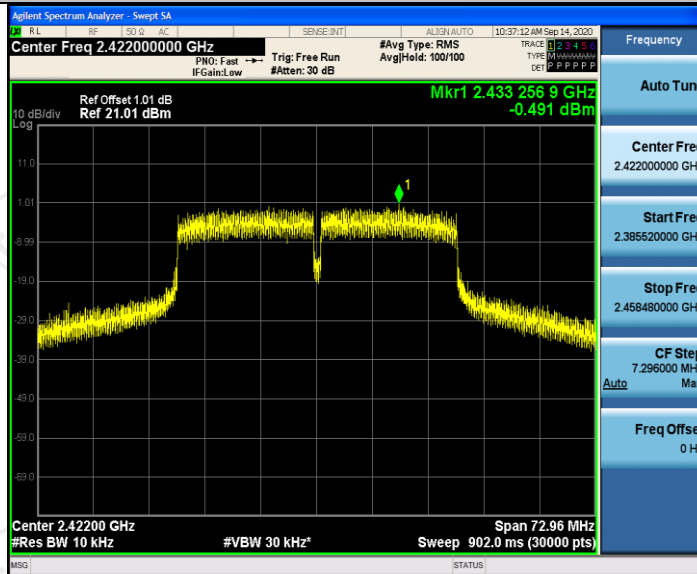
11N20SISO\_Ant1\_2462



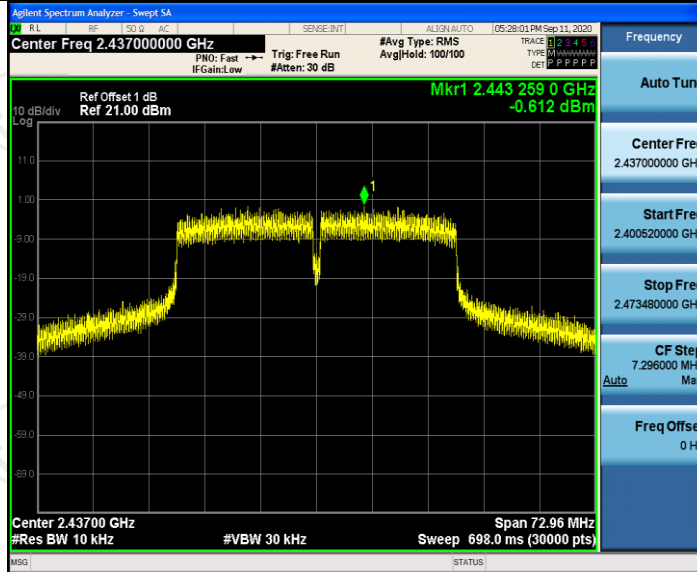
11N40SISO\_Ant0\_2422



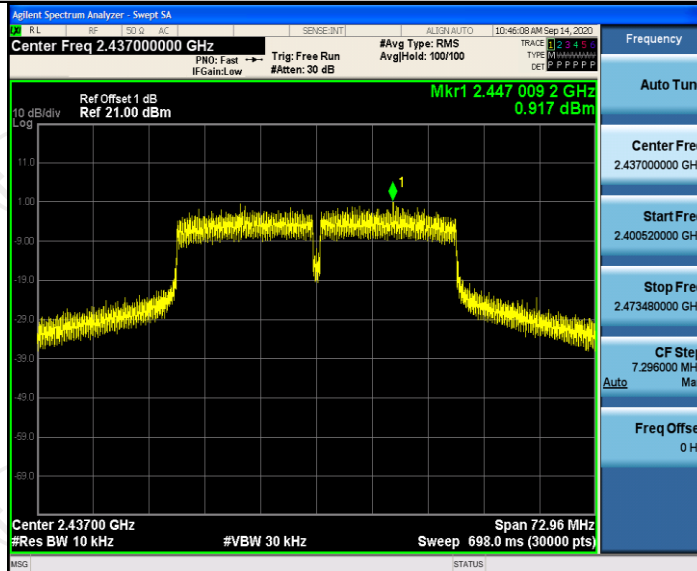
11N40SISO\_Ant1\_2422



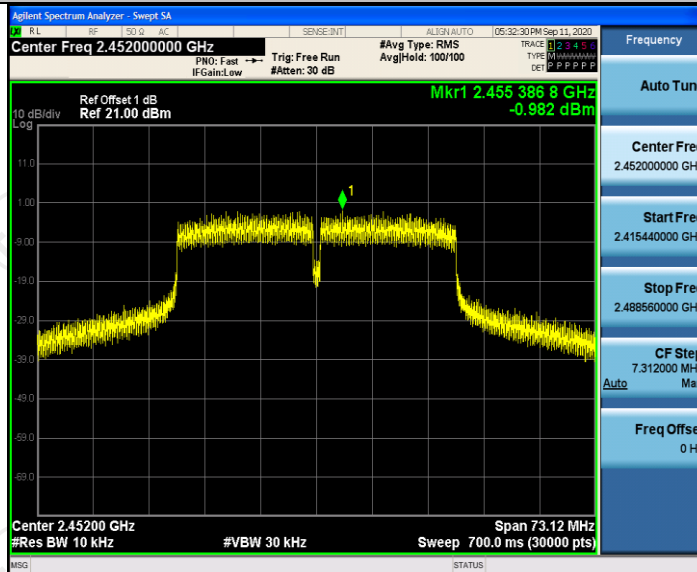
11N40SISO\_Ant0\_2437



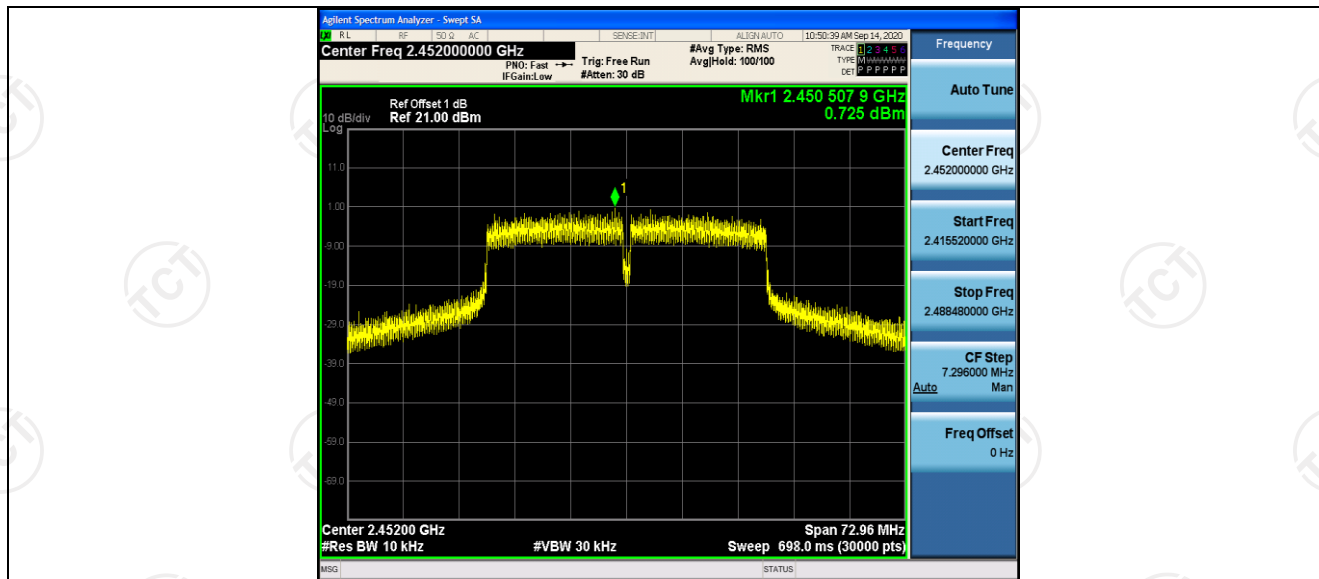
11N40SISO\_Ant1\_2437



11N40SISO\_Ant0\_2452



11N40SISO\_Ant1\_2452

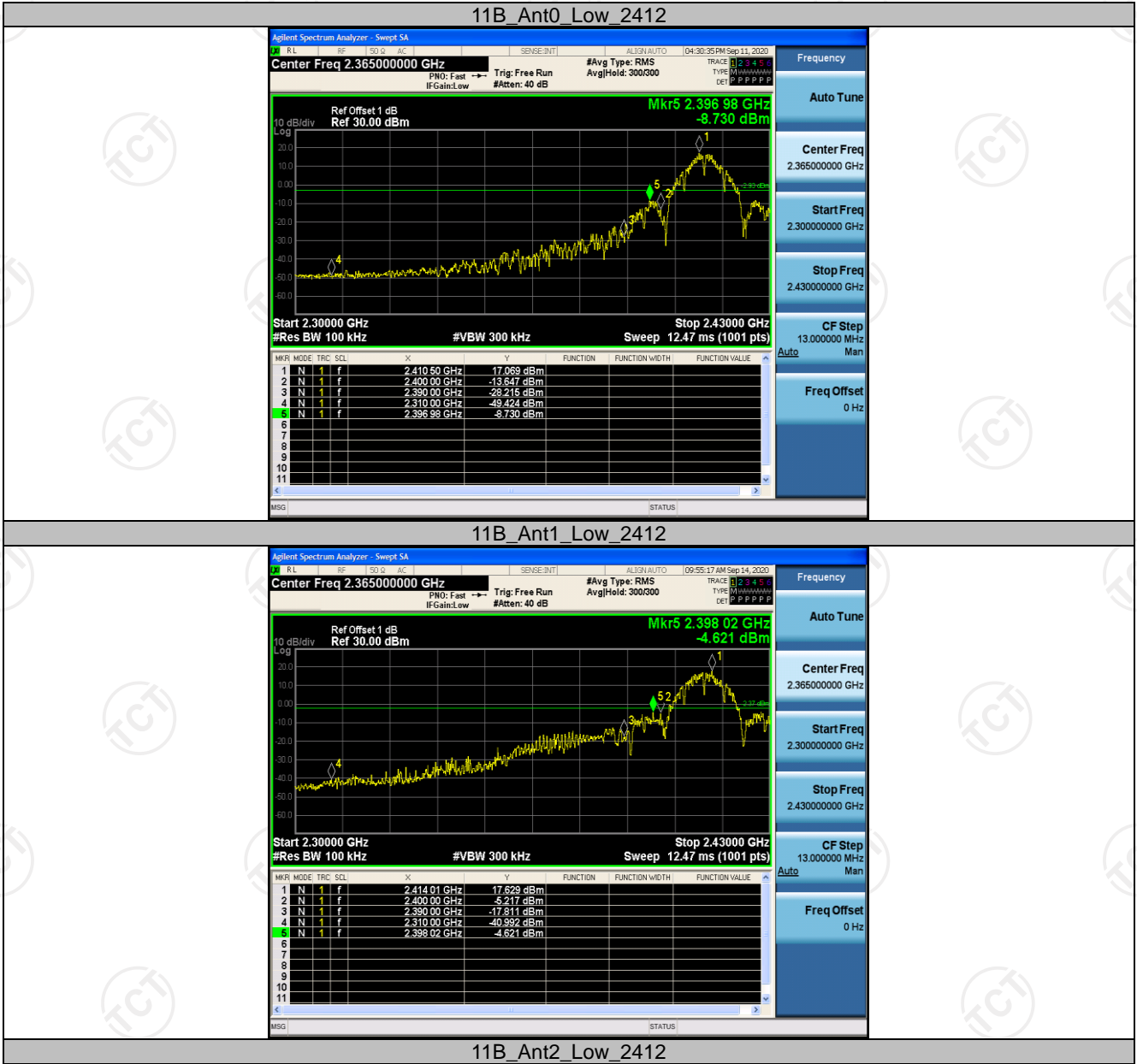


### Band edge measurements

#### Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	Low	2412	17.07	-8.73	<=-2.93	PASS
	Ant1	Low	2412	17.63	-4.62	<=-2.37	PASS
	Ant2	Low	2412	17.79	-3.90	<=-2.21	PASS
	Ant0	High	2462	16.51	-22.69	<=-3.49	PASS
	Ant1	High	2462	17.12	-10.29	<=-2.88	PASS
	Ant2	High	2462	17.35	-15.52	<=-2.65	PASS
11G	Ant0	Low	2412	10.95	-9.82	<=-9.05	PASS
	Ant1	Low	2412	12.26	-9.21	<=-7.74	PASS
	Ant2	Low	2412	12.88	-8.34	<=-7.12	PASS
	Ant0	High	2462	10.29	-24.42	<=-9.71	PASS
	Ant1	High	2462	12.40	-20.46	<=-7.60	PASS
	Ant2	High	2462	12.27	-18.26	<=-7.73	PASS
11N20SISO	Ant0	Low	2412	11.82	-10.76	<=-8.18	PASS
	Ant1	Low	2412	11.59	-8.48	<=-8.41	PASS
	Ant2	Low	2412	11.30	-8.89	<=-8.70	PASS
	Ant0	High	2462	10.80	-22.22	<=-9.21	PASS
	Ant1	High	2462	11.36	-18.66	<=-8.64	PASS
	Ant2	High	2462	9.75	-17.12	<=-10.25	PASS
11N40SISO	Ant0	Low	2422	6.36	-14.61	<=-13.64	PASS
	Ant1	Low	2422	7.70	-13.55	<=-12.30	PASS
	Ant2	Low	2422	8.84	-13.06	<=-11.16	PASS
	Ant0	High	2452	6.05	-19.15	<=-13.95	PASS
	Ant1	High	2452	6.73	-15.95	<=-13.27	PASS
	Ant2	High	2452	8.62	-13.82	<=-11.38	PASS

Test Graphs





11B\_Ant0\_High\_2462



11B\_Ant1\_High\_2462



11B\_Ant2\_High\_2462

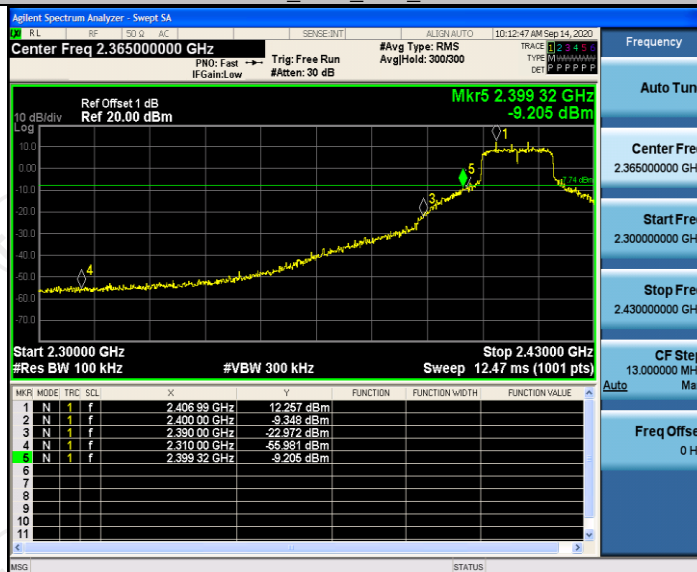




11G\_Ant0\_Low\_2412



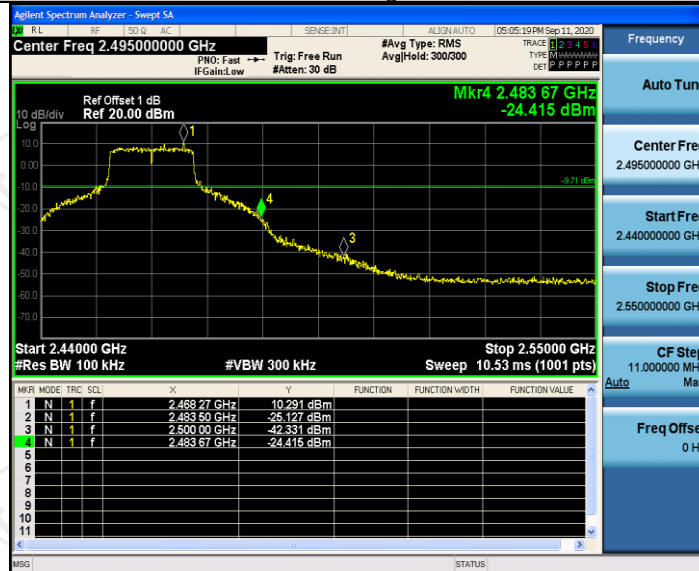
11G\_Ant1\_Low\_2412



11G\_Ant2\_Low\_2412



11G\_Ant0\_High\_2462



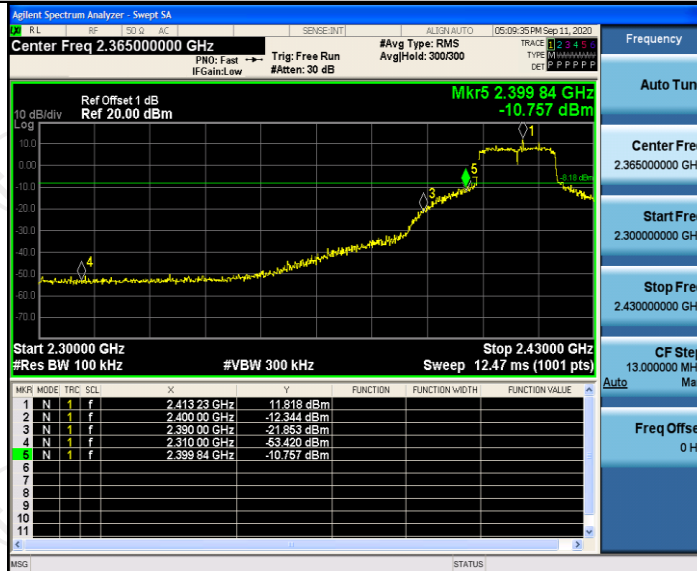
11G\_Ant1\_High\_2462



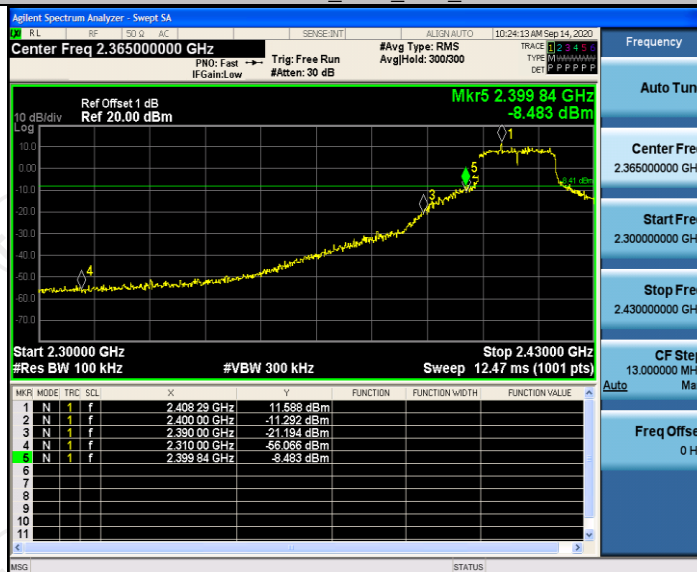
11G\_Ant2\_High\_2462



11N20SISO\_Ant0\_Low\_2412



11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant2\_Low\_2412



11N20SISO\_Ant0\_High\_2462



11N20SISO\_Ant1\_High\_2462



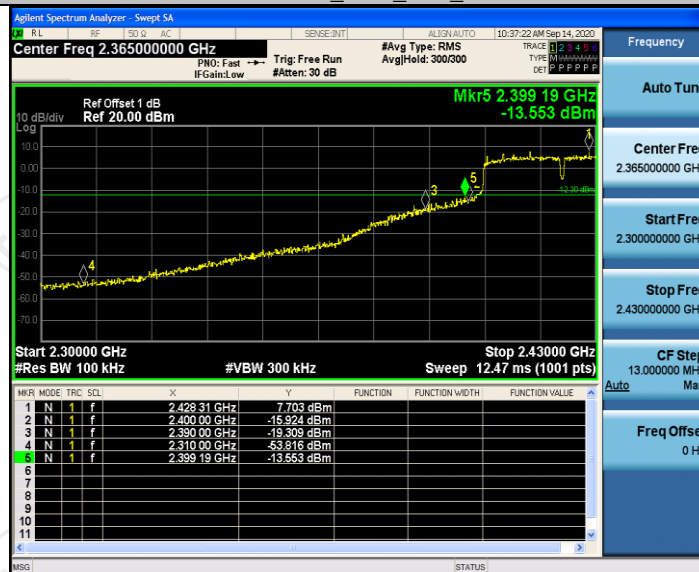
11N20SISO\_Ant2\_High\_2462



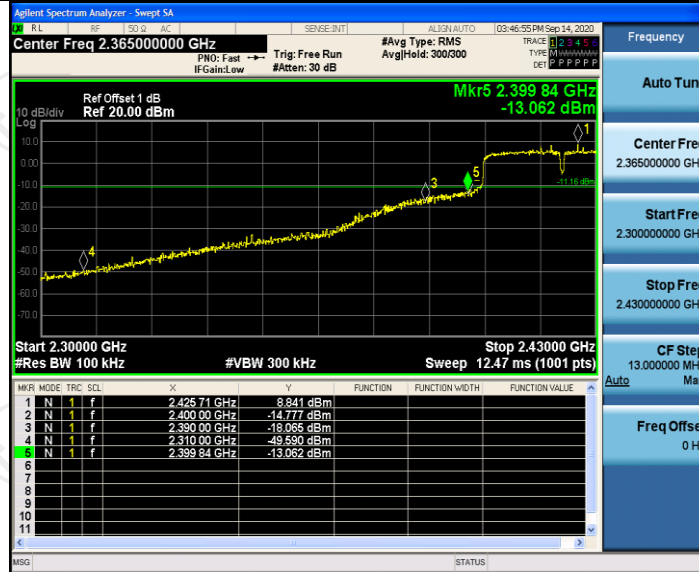
11N40SISO\_Ant0\_Low\_2422



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant2\_Low\_2422



11N40SISO\_Ant0\_High\_2452



11N40SISO\_Ant1\_High\_2452



11N40SISO\_Ant2\_High\_2452



### Conducted Spurious Emission

#### Test Result

Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	16.99	16.99	---	PASS
			30~1000	30~1000	-55.788	<=-3.015	PASS
			1000~26500	1000~26500	-42.804	<=-3.015	PASS
	Ant1	2412	Reference	17.26	17.26	---	PASS
			30~1000	30~1000	-38.673	<=-2.738	PASS
			1000~26500	1000~26500	-39.957	<=-2.738	PASS
	Ant2	2412	Reference	17.30	17.30	---	PASS
			30~1000	30~1000	-41.763	<=-2.704	PASS
			1000~26500	1000~26500	-43.099	<=-2.704	PASS
	Ant0	2437	Reference	16.37	16.37	---	PASS
			30~1000	30~1000	-38.838	<=-3.631	PASS
			1000~26500	1000~26500	-39.318	<=-3.631	PASS
	Ant1	2437	Reference	17.44	17.44	---	PASS
			30~1000	30~1000	-48.883	<=-2.558	PASS
			1000~26500	1000~26500	-36.519	<=-2.558	PASS
	Ant2	2437	Reference	16.90	16.90	---	PASS
			30~1000	30~1000	-38.184	<=-3.101	PASS
			1000~26500	1000~26500	-42.663	<=-3.101	PASS
	Ant0	2462	Reference	15.86	15.86	---	PASS
			30~1000	30~1000	-41.641	<=-4.136	PASS
			1000~26500	1000~26500	-36.546	<=-4.136	PASS
	Ant1	2462	Reference	17.03	17.03	---	PASS
			30~1000	30~1000	-55.984	<=-2.968	PASS
			1000~26500	1000~26500	-34.493	<=-2.968	PASS
Ant2	2462	Reference	16.78	16.78	---	PASS	
		30~1000	30~1000	-41.888	<=-3.219	PASS	
		1000~26500	1000~26500	-40.106	<=-3.219	PASS	
11G	Ant0	2412	Reference	11.22	11.22	---	PASS
			30~1000	30~1000	-38.367	<=-8.784	PASS
			1000~26500	1000~26500	-42.539	<=-8.784	PASS
	Ant1	2412	Reference	9.65	9.65	---	PASS
			30~1000	30~1000	-43.697	<=-10.349	PASS
			1000~26500	1000~26500	-42.775	<=-10.349	PASS
	Ant2	2412	Reference	9.75	9.75	---	PASS
			30~1000	30~1000	-48.219	<=-10.248	PASS
			1000~26500	1000~26500	-42.391	<=-10.248	PASS
	Ant0	2437	Reference	9.06	9.06	---	PASS
			30~1000	30~1000	-39.943	<=-10.94	PASS
			1000~26500	1000~26500	-36.363	<=-10.94	PASS
	Ant1	2437	Reference	11.92	11.92	---	PASS
			30~1000	30~1000	-44.877	<=-8.079	PASS
			1000~26500	1000~26500	-42.58	<=-8.079	PASS
	Ant2	2437	Reference	12.61	12.61	---	PASS
			30~1000	30~1000	-39.191	<=-7.39	PASS
			1000~26500	1000~26500	-42.645	<=-7.39	PASS
	Ant0	2462	Reference	10.75	10.75	---	PASS
			30~1000	30~1000	-47.112	<=-9.249	PASS
			1000~26500	1000~26500	-43.082	<=-9.249	PASS
	Ant1	2462	Reference	9.03	9.03	---	PASS



	Ant2	2462	30~1000	30~1000	-38.484	<=-10.969	PASS
			1000~26500	1000~26500	-42.82	<=-10.969	PASS
			Reference	11.26	11.26	---	PASS
			30~1000	30~1000	-48.017	<=-8.738	PASS
			1000~26500	1000~26500	-42.909	<=-8.738	PASS
			Reference	8.77	8.77	---	PASS
11N20SISO	Ant0	2412	30~1000	30~1000	-37.502	<=-11.23	PASS
			1000~26500	1000~26500	-43.13	<=-11.23	PASS
			Reference	11.84	11.84	---	PASS
	Ant1	2412	30~1000	30~1000	-41.392	<=-8.156	PASS
			1000~26500	1000~26500	-42.869	<=-8.156	PASS
			Reference	12.08	12.08	---	PASS
Ant2	2412	30~1000	30~1000	-39.163	<=-7.923	PASS	
		1000~26500	1000~26500	-41.903	<=-7.923	PASS	
		Reference	8.12	8.12	---	PASS	
11N20SISO	Ant0	2437	30~1000	30~1000	-39.335	<=-11.885	PASS
			1000~26500	1000~26500	-42.47	<=-11.885	PASS
			Reference	11.93	11.93	---	PASS
	Ant1	2437	30~1000	30~1000	-40.79	<=-8.067	PASS
			1000~26500	1000~26500	-43.406	<=-8.067	PASS
			Reference	12.40	12.40	---	PASS
Ant2	2437	30~1000	30~1000	-40.879	<=-7.601	PASS	
		1000~26500	1000~26500	-42.716	<=-7.601	PASS	
		Reference	9.96	9.96	---	PASS	
Ant0	2462	30~1000	30~1000	-37.26	<=-10.04	PASS	
		1000~26500	1000~26500	-42.421	<=-10.04	PASS	
		Reference	10.07	10.07	---	PASS	
Ant1	2462	30~1000	30~1000	-42.642	<=-9.935	PASS	
		1000~26500	1000~26500	-42.19	<=-9.935	PASS	
		Reference	11.95	11.95	---	PASS	
Ant2	2462	30~1000	30~1000	-37.306	<=-8.046	PASS	
		1000~26500	1000~26500	-43.46	<=-8.046	PASS	
		Reference	5.11	5.11	---	PASS	
11N40SISO	Ant0	2422	30~1000	30~1000	-41.361	<=-14.892	PASS
			1000~26500	1000~26500	-42.805	<=-14.892	PASS
			Reference	7.87	7.87	---	PASS
	Ant1	2422	30~1000	30~1000	-45.472	<=-12.134	PASS
			1000~26500	1000~26500	-42.756	<=-12.134	PASS
			Reference	9.11	9.11	---	PASS
	Ant2	2422	30~1000	30~1000	-39.737	<=-10.892	PASS
			1000~26500	1000~26500	-42.556	<=-10.892	PASS
			Reference	8.21	8.21	---	PASS
	Ant0	2437	30~1000	30~1000	-39.152	<=-11.793	PASS
			1000~26500	1000~26500	-42.857	<=-11.793	PASS
			Reference	6.99	6.99	---	PASS
	Ant1	2437	30~1000	30~1000	-37.942	<=-13.01	PASS
			1000~26500	1000~26500	-42.189	<=-13.01	PASS
			Reference	7.77	7.77	---	PASS
	Ant2	2437	30~1000	30~1000	-37.858	<=-12.23	PASS
			1000~26500	1000~26500	-41.722	<=-12.23	PASS
			Reference	7.18	7.18	---	PASS
	Ant0	2452	30~1000	30~1000	-39.894	<=-12.816	PASS
			1000~26500	1000~26500	-42.462	<=-12.816	PASS
			Reference	6.36	6.36	---	PASS
	Ant1	2452	30~1000	30~1000	-40.575	<=-13.64	PASS
			Reference	6.36	6.36	---	PASS