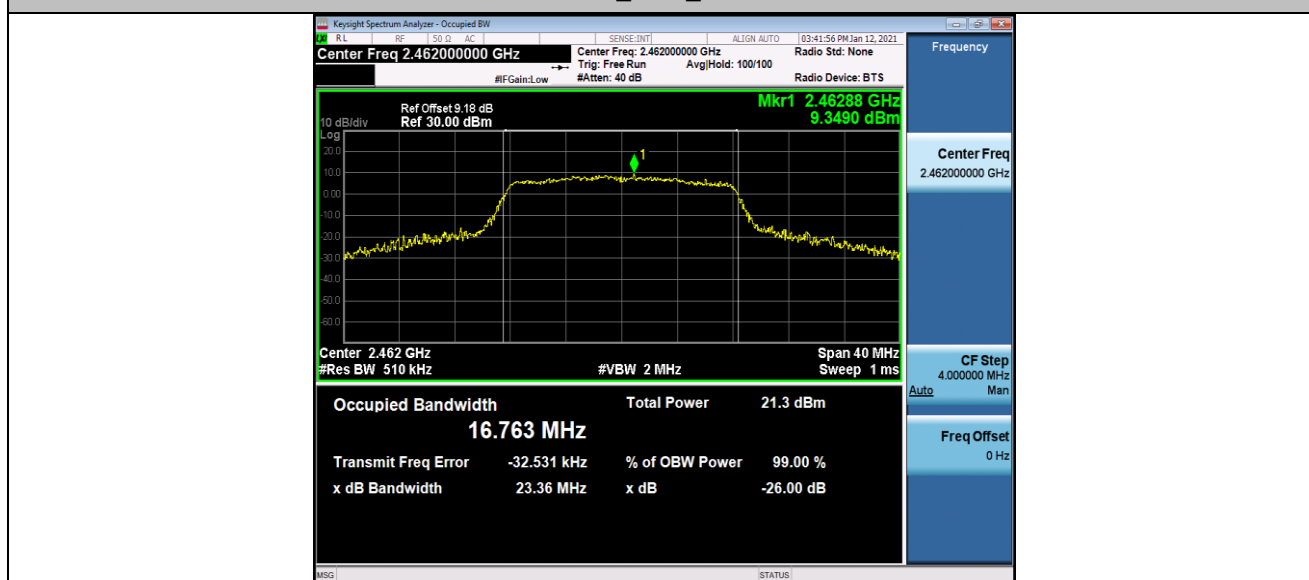


11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



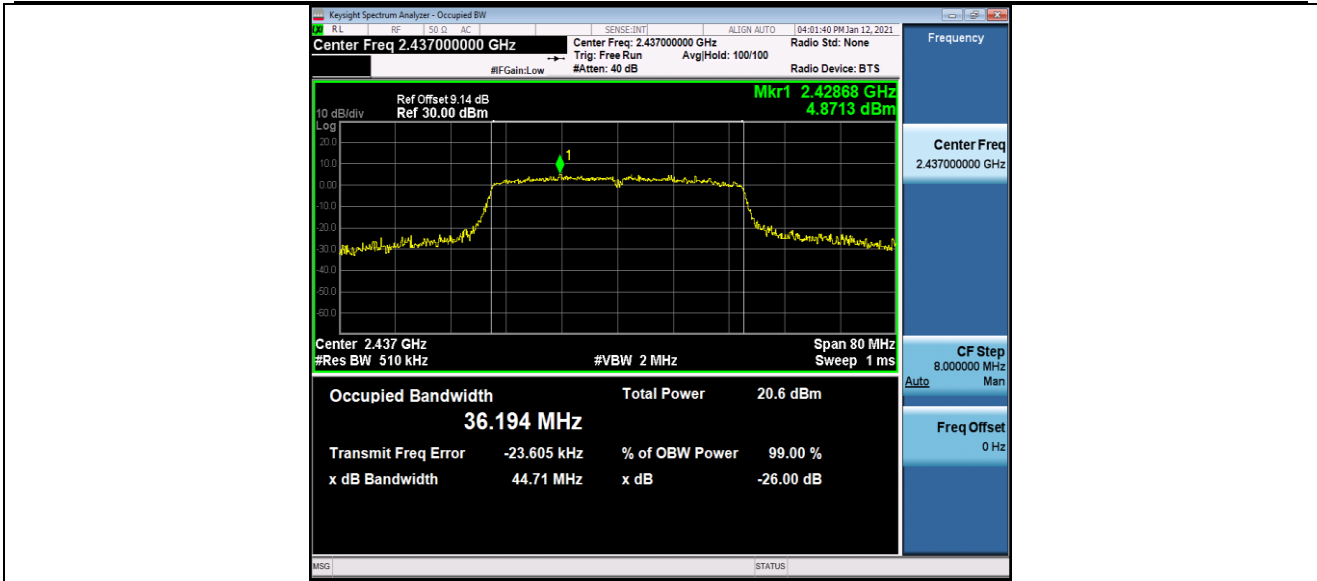
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

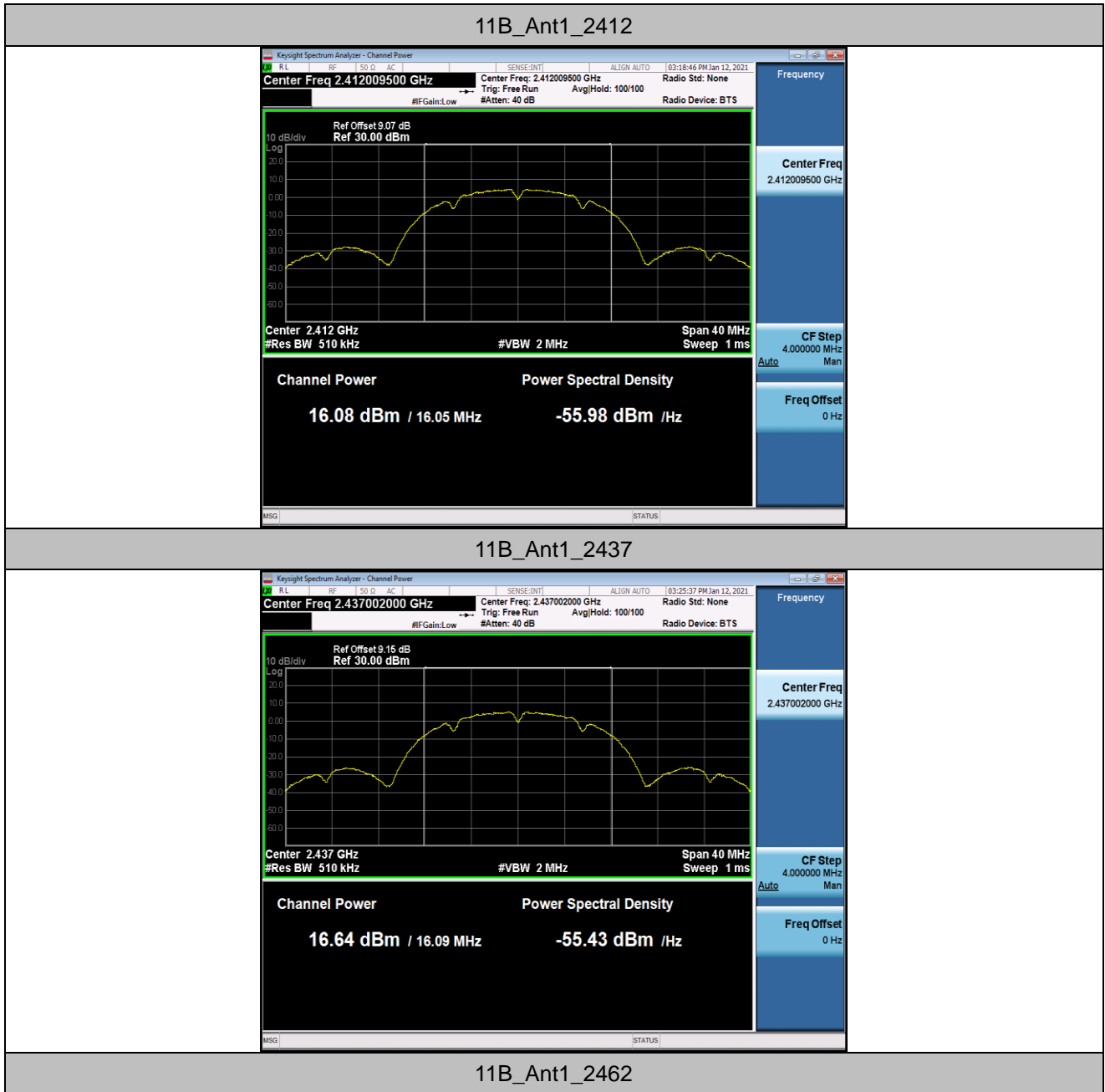


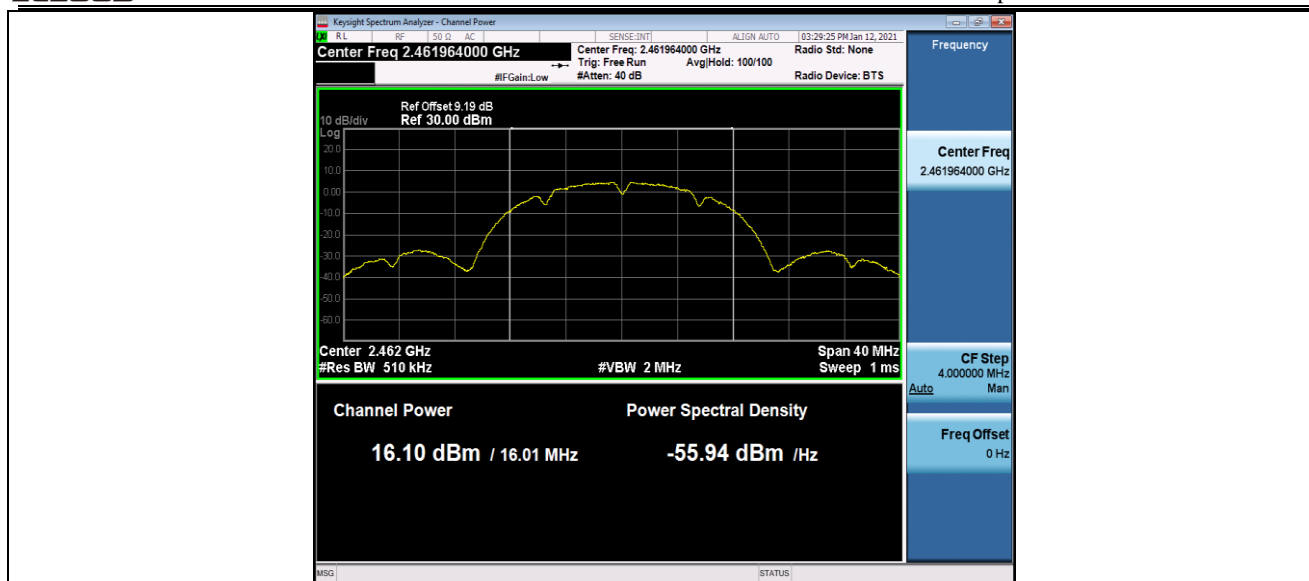
## Appendix C: Maximum conducted output power

### Test Result

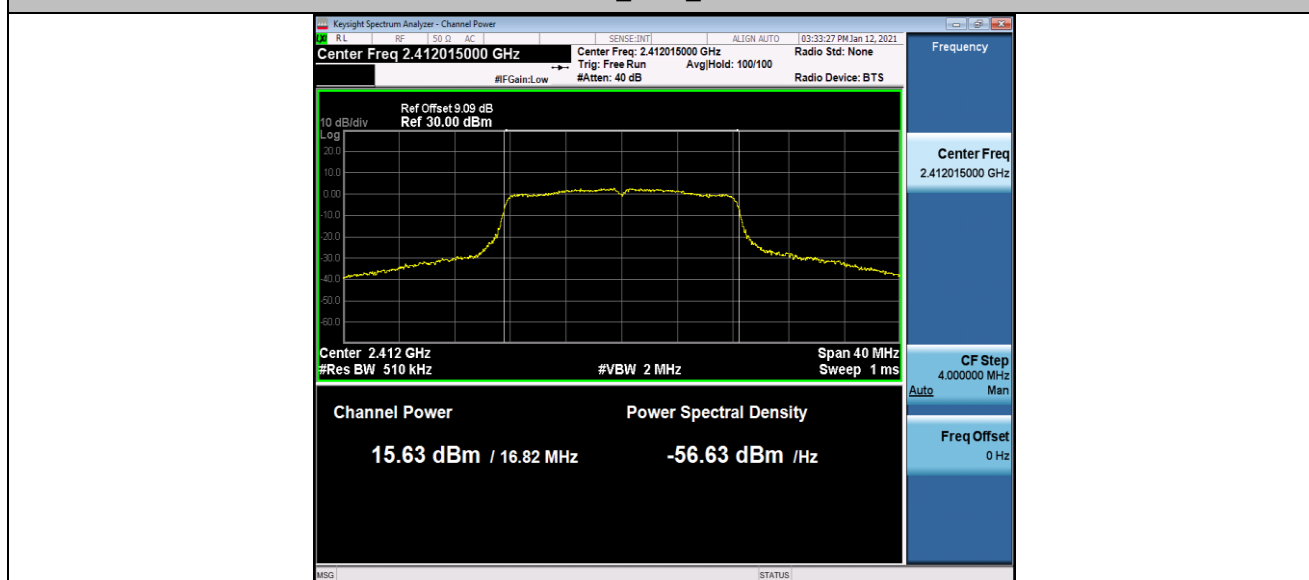
TestMode	Antenna	Channel	Result[dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.08	20.67	<=30	PASS
		2437	16.64	21.23	<=30	PASS
		2462	16.10	20.69	<=30	PASS
11G	Ant1	2412	15.63	20.22	<=30	PASS
		2437	15.88	20.47	<=30	PASS
		2462	15.03	19.62	<=30	PASS
11N20SISO	Ant1	2412	14.46	19.05	<=30	PASS
		2437	14.93	19.52	<=30	PASS
		2462	14.00	18.59	<=30	PASS
11N40SISO	Ant1	2422	14.47	19.06	<=30	PASS
		2437	14.46	19.05	<=30	PASS
		2452	14.17	18.76	<=30	PASS

### Test Graphs

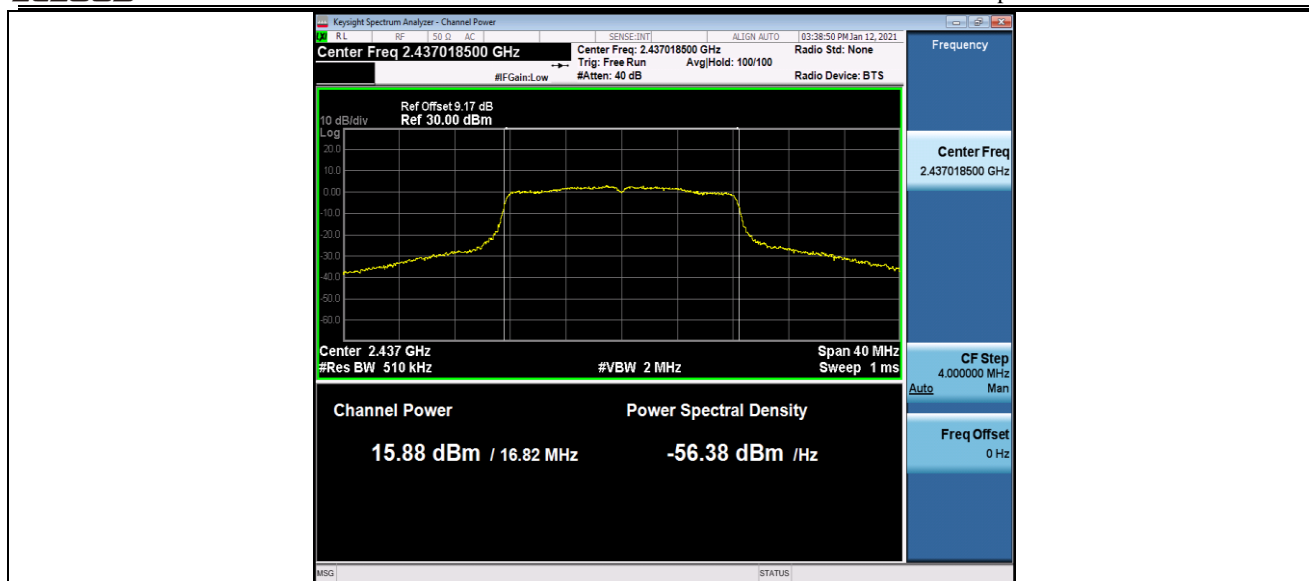




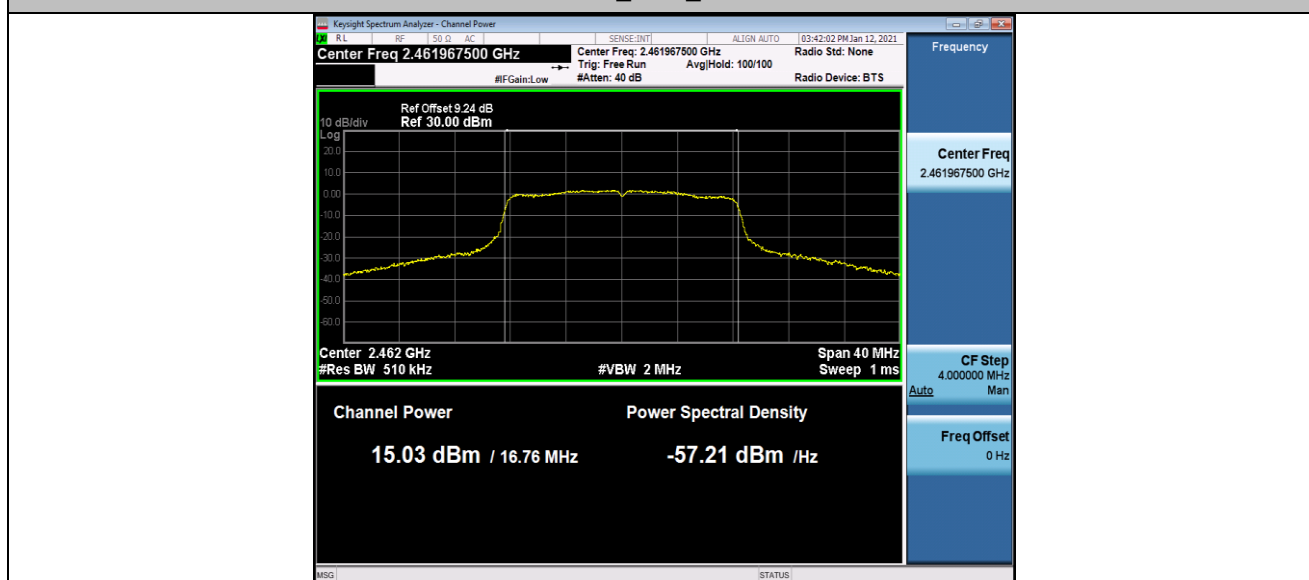
11G\_Ant1\_2412



11G\_Ant1\_2437

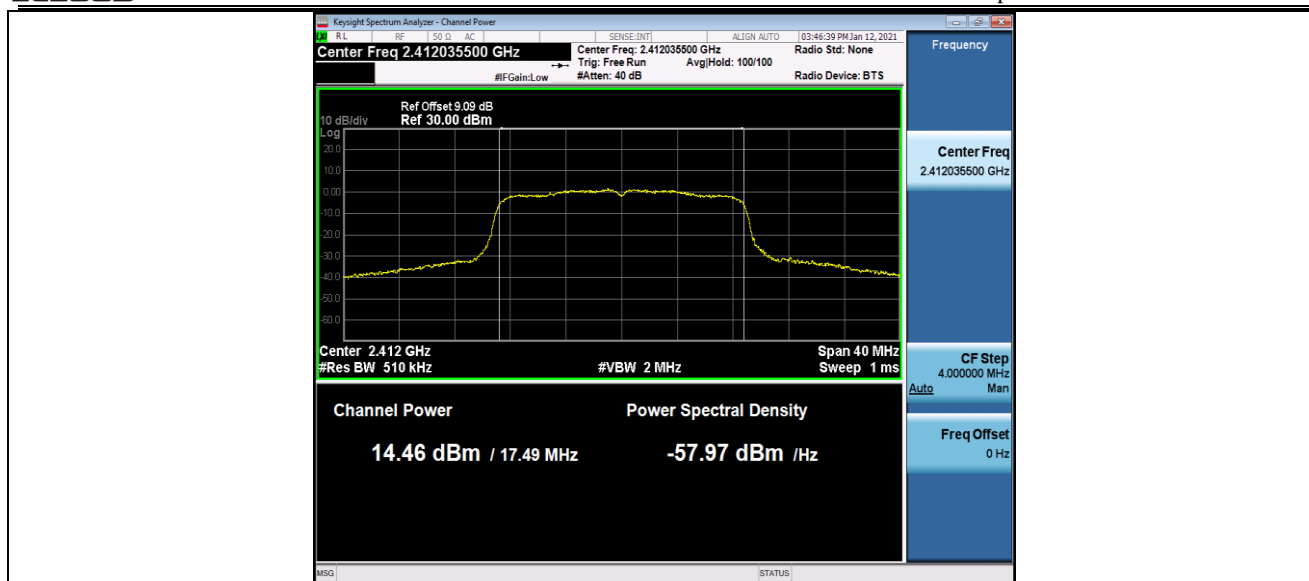


11G\_Ant1\_2462

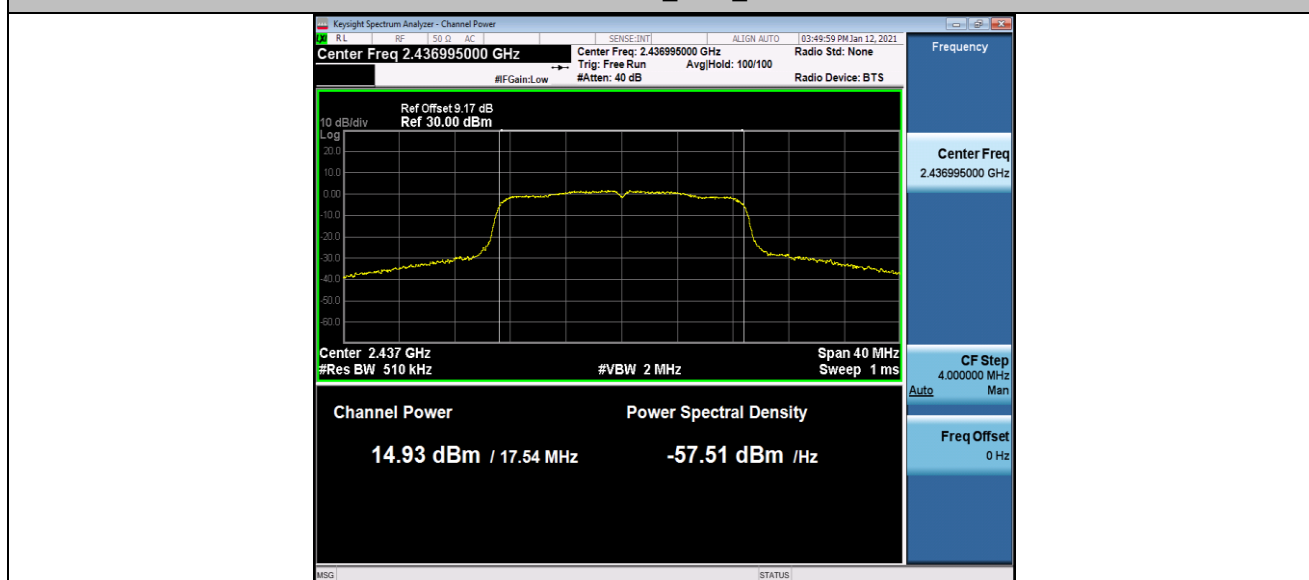


11N20SISO\_Ant1\_2412

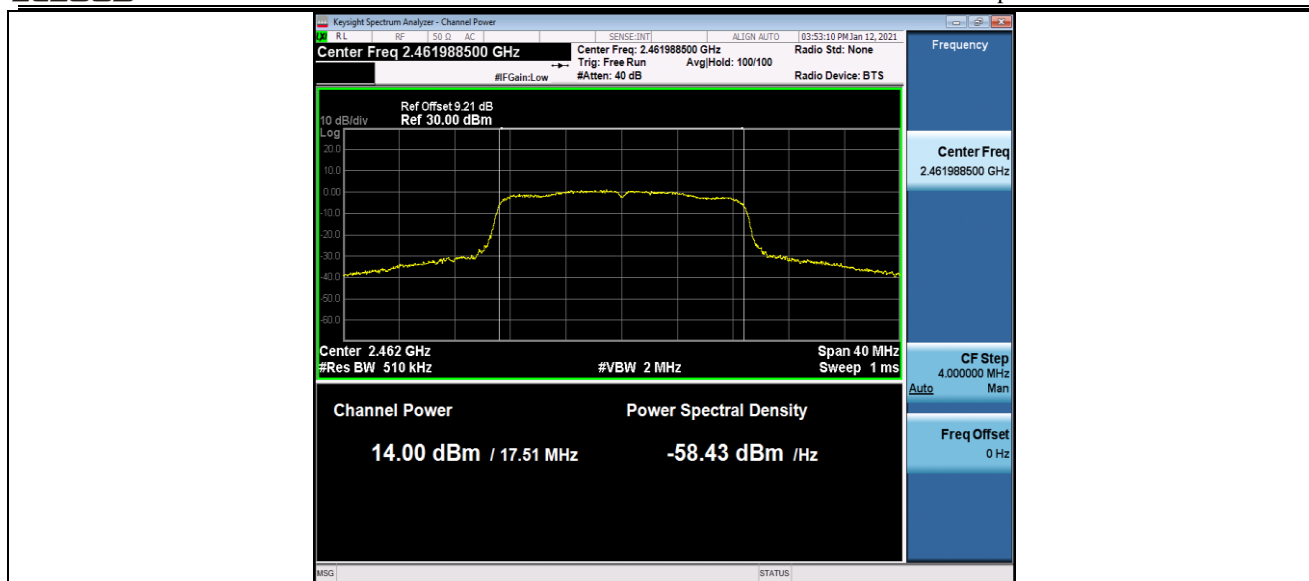




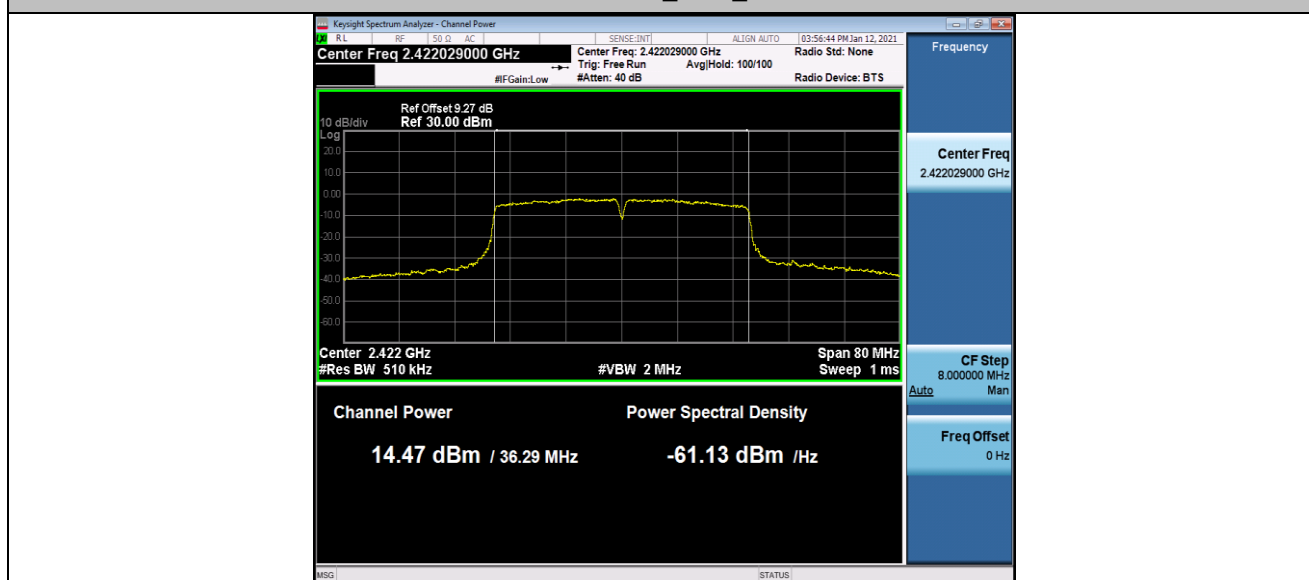
11N20SISO\_Ant1\_2437



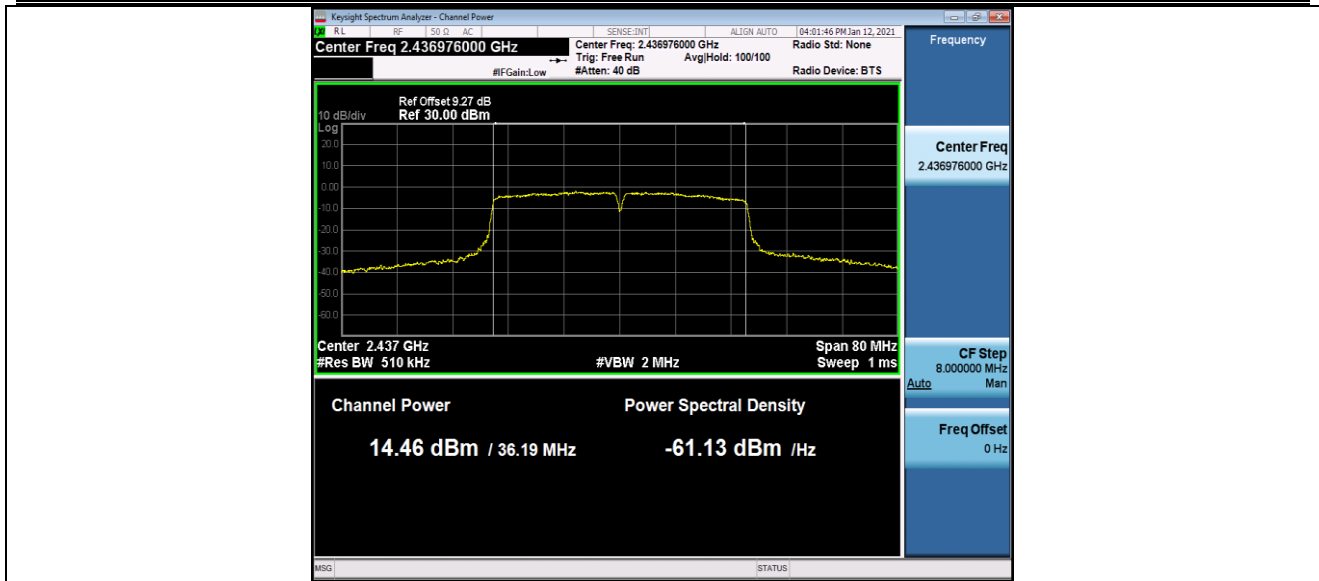
11N20SISO\_Ant1\_2462



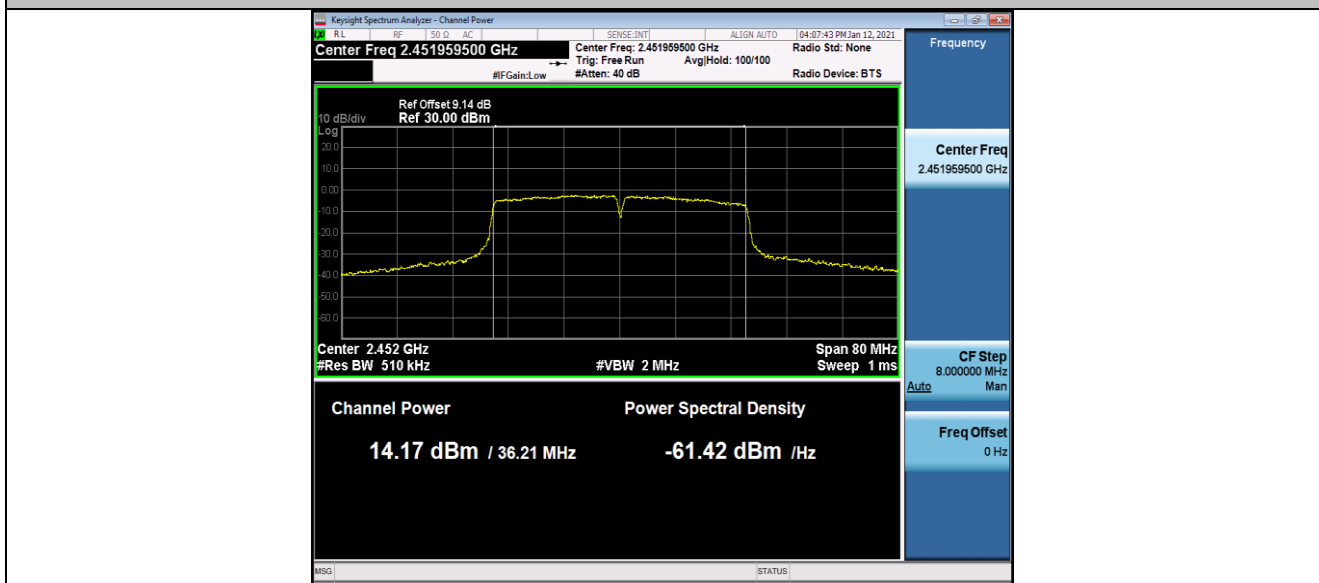
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



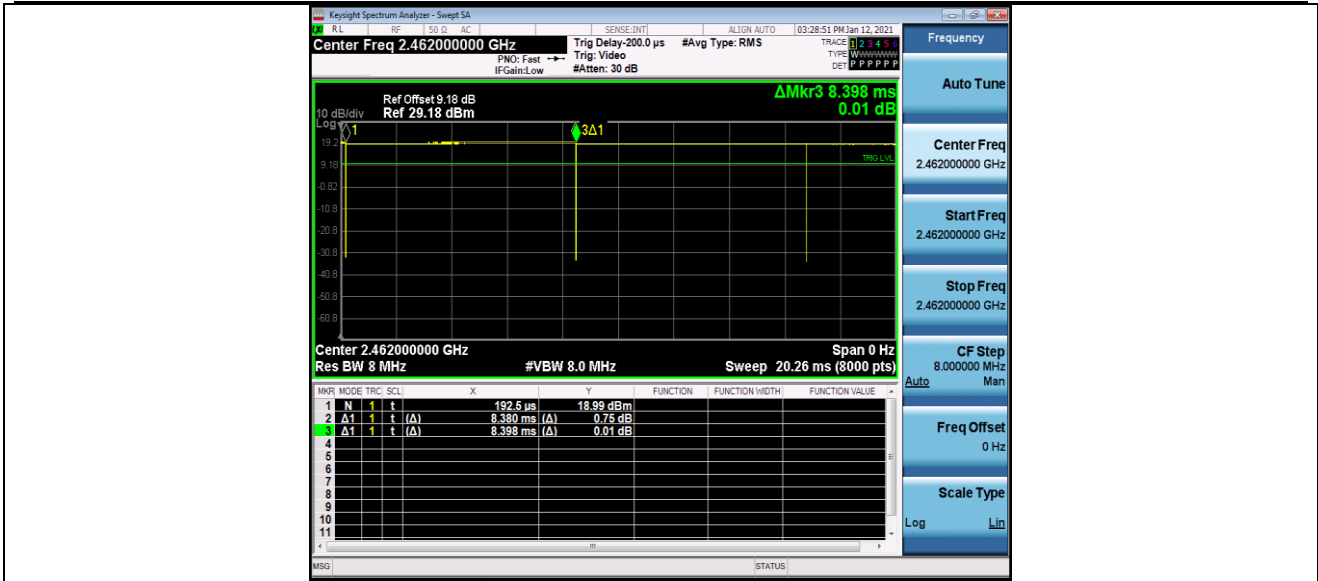
## Appendix D: Duty Cycle

### Test Result

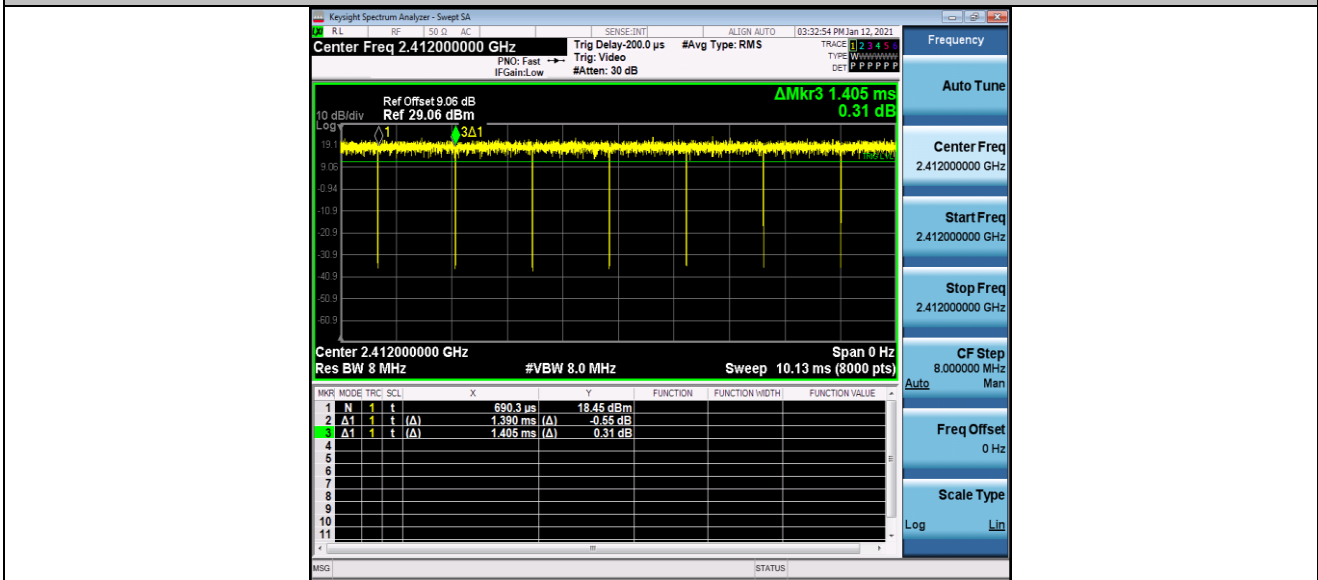
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.76
		2437	8.38	8.40	99.76
		2462	8.38	8.40	99.76
11G	Ant1	2412	1.39	1.40	99.29
		2437	1.39	1.40	99.29
		2462	1.39	1.41	98.58
11N20SISO	Ant1	2412	1.30	1.31	99.24
		2437	1.30	1.31	99.24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

### Test Graphs

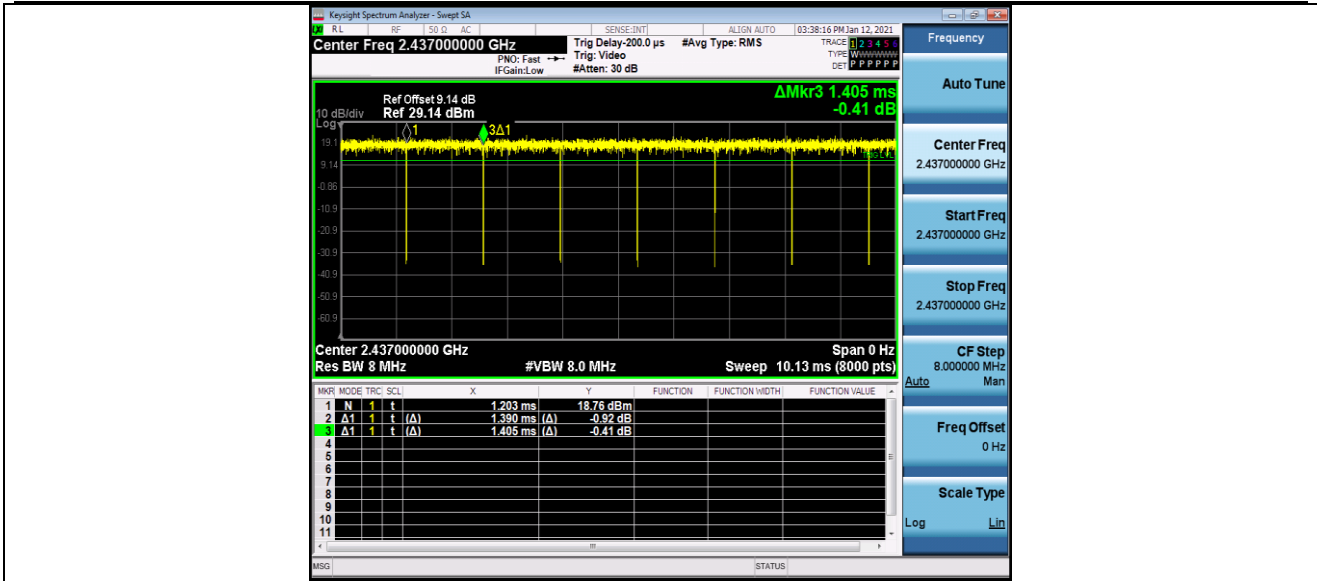




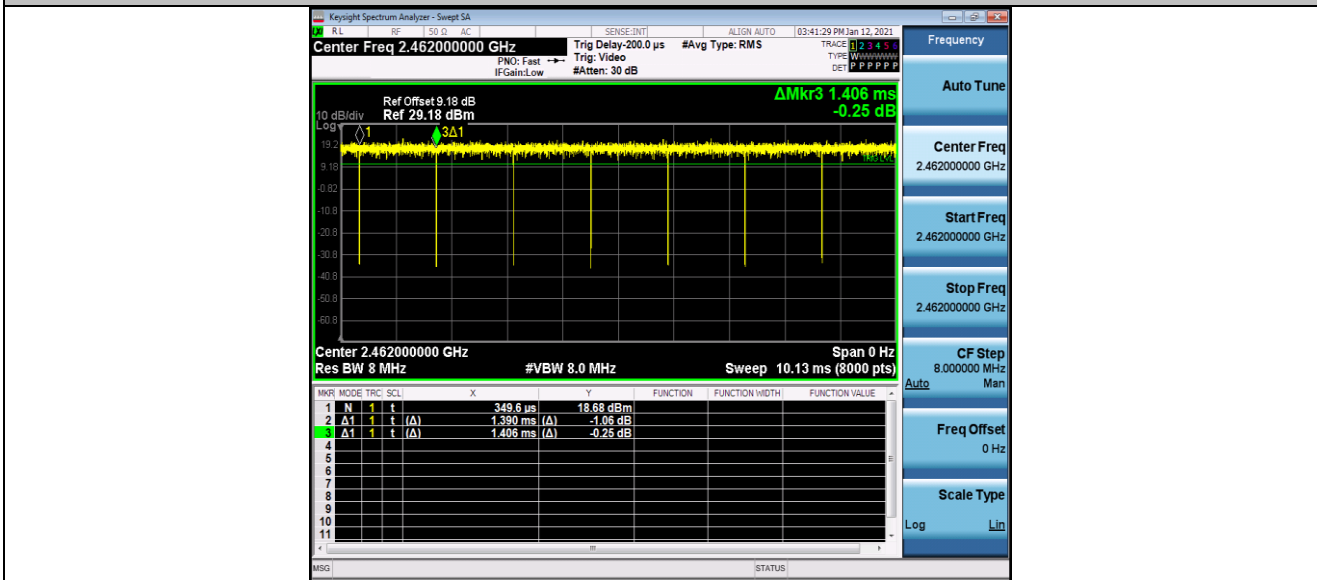
11G\_Ant1\_2412



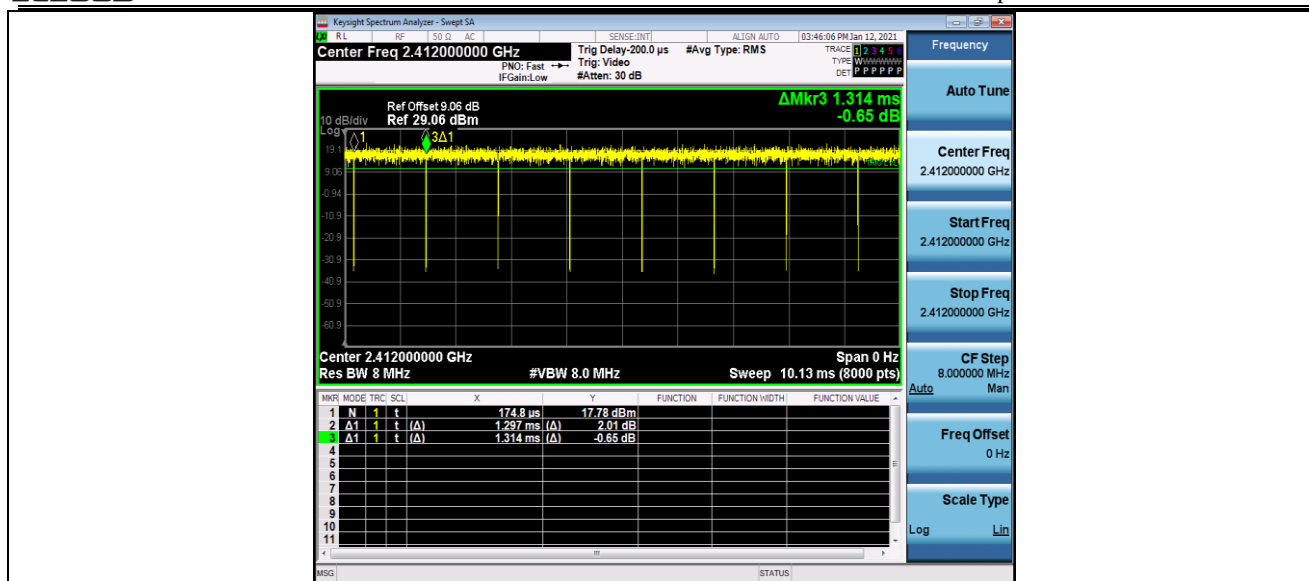
11G\_Ant1\_2437



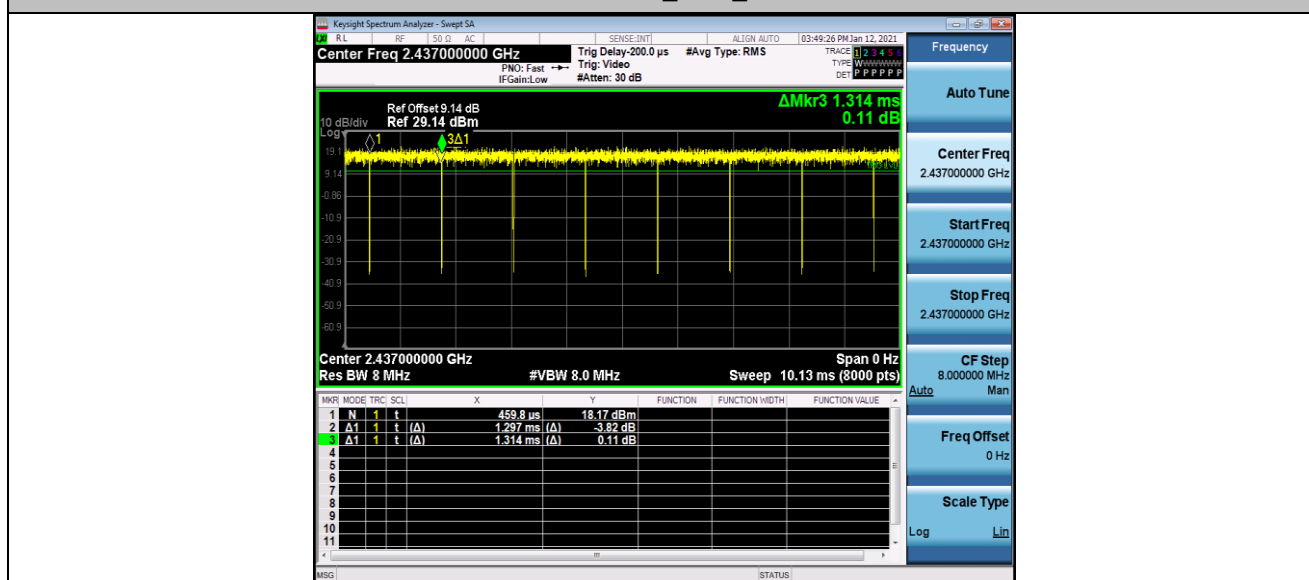
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412

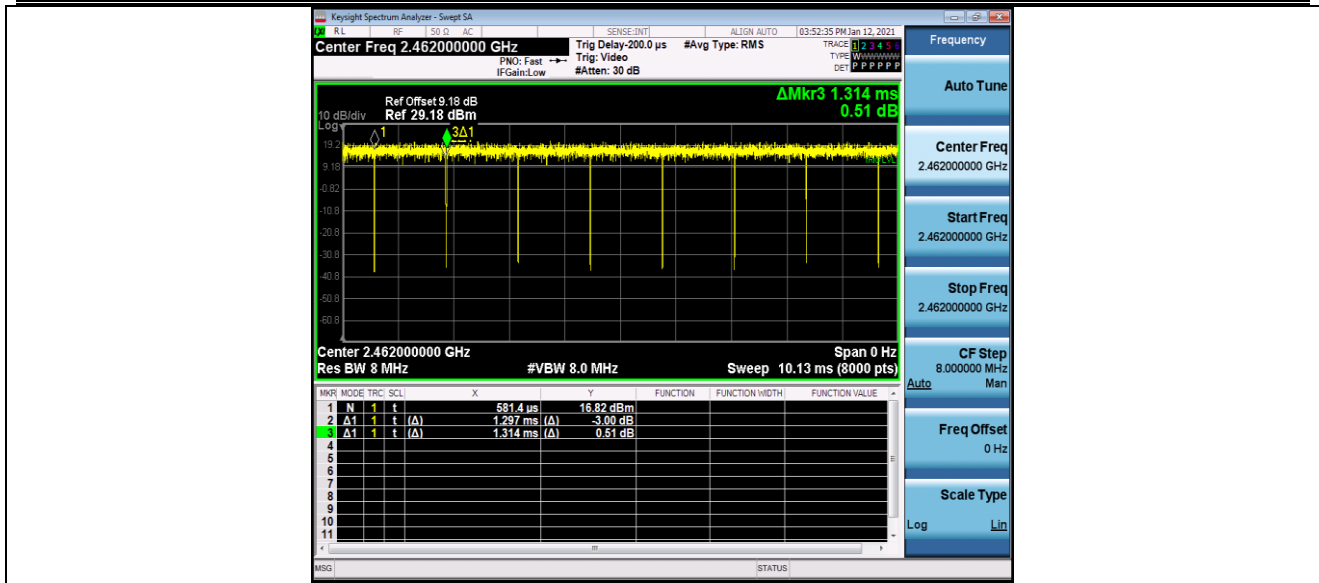


11N20SISO\_Ant1\_2437

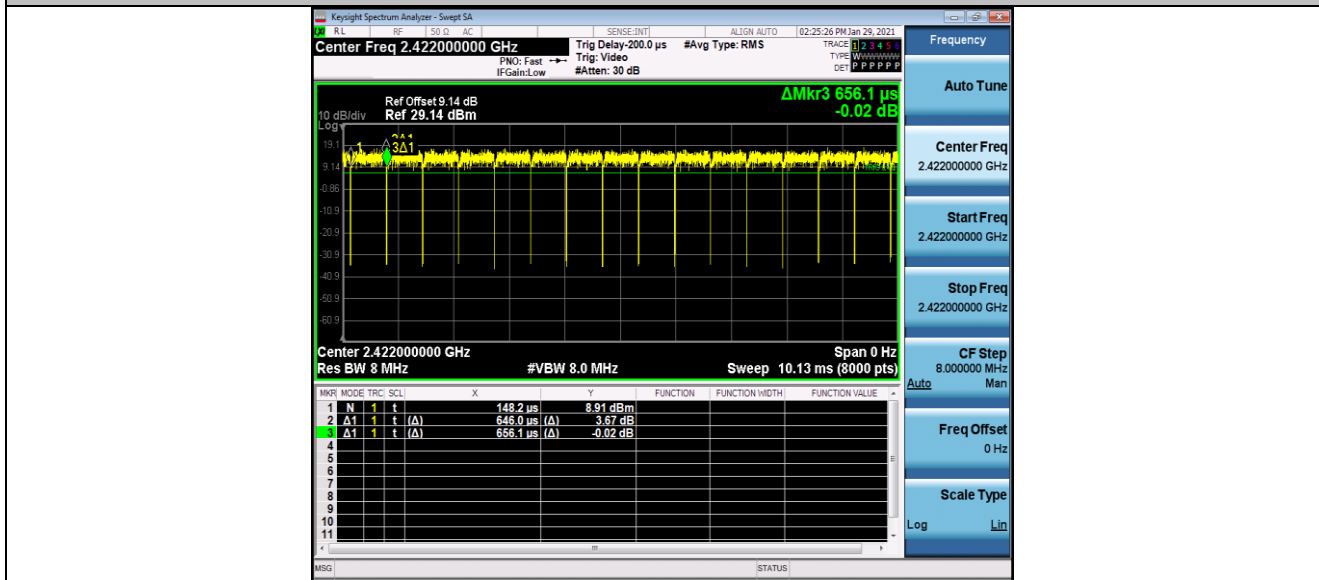


11N20SISO\_Ant1\_2462

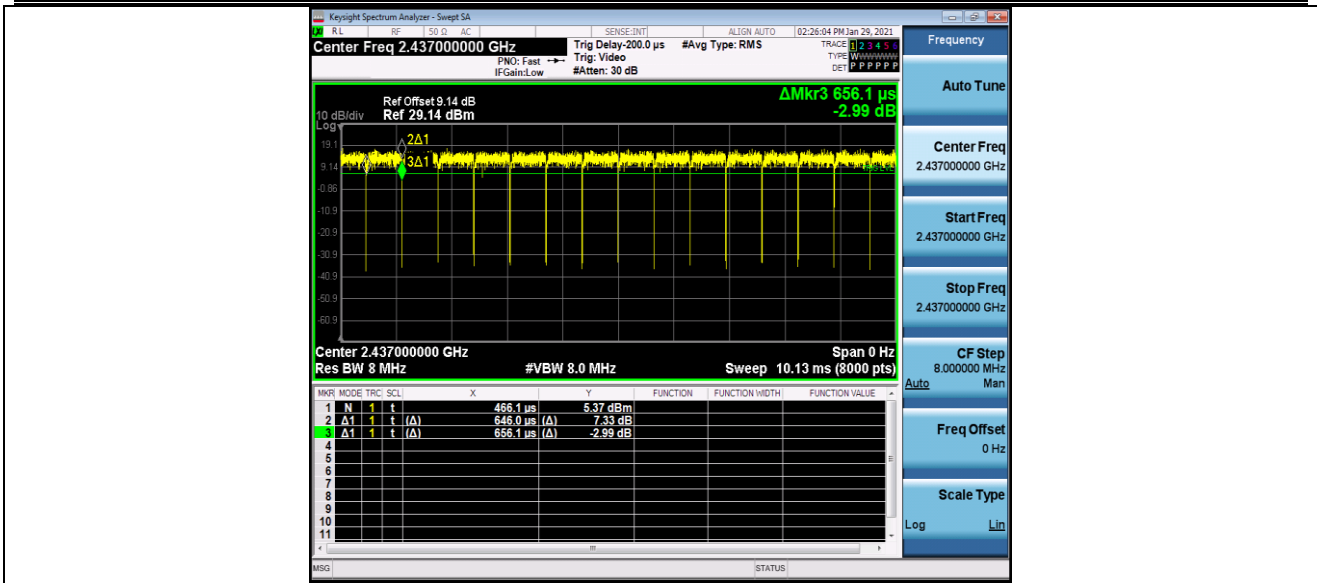




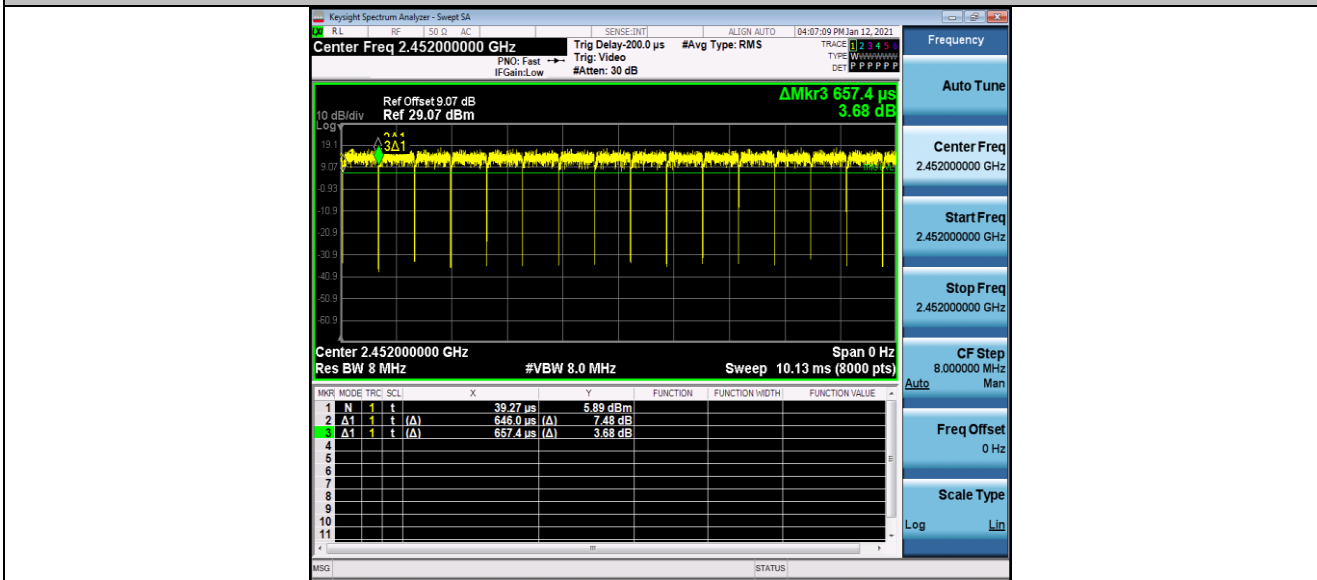
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

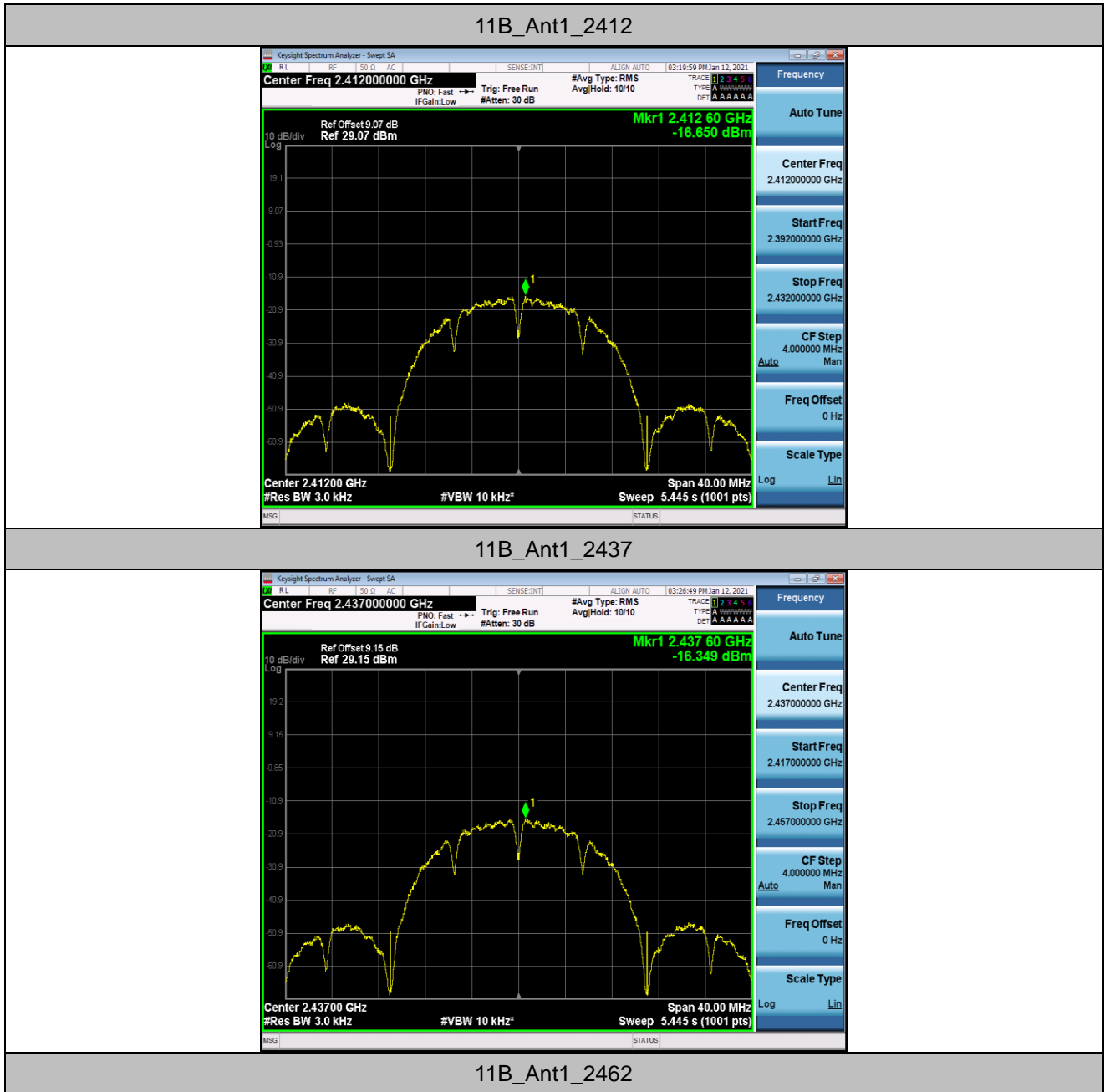


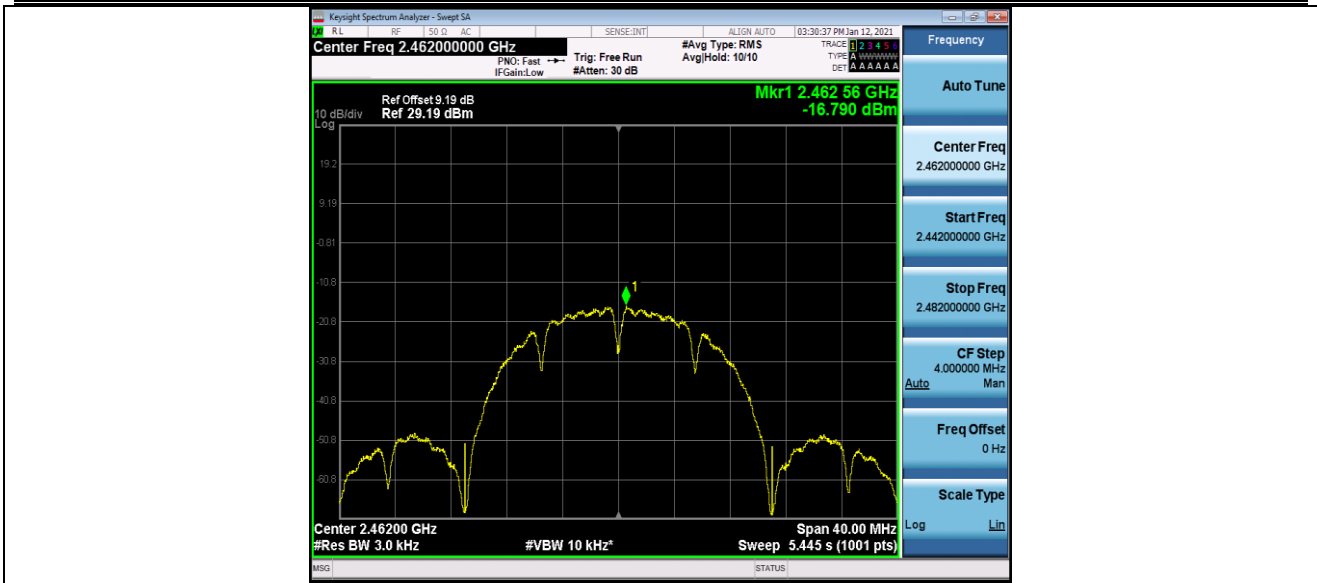
## Appendix E: Maximum power spectral density

### Test Result

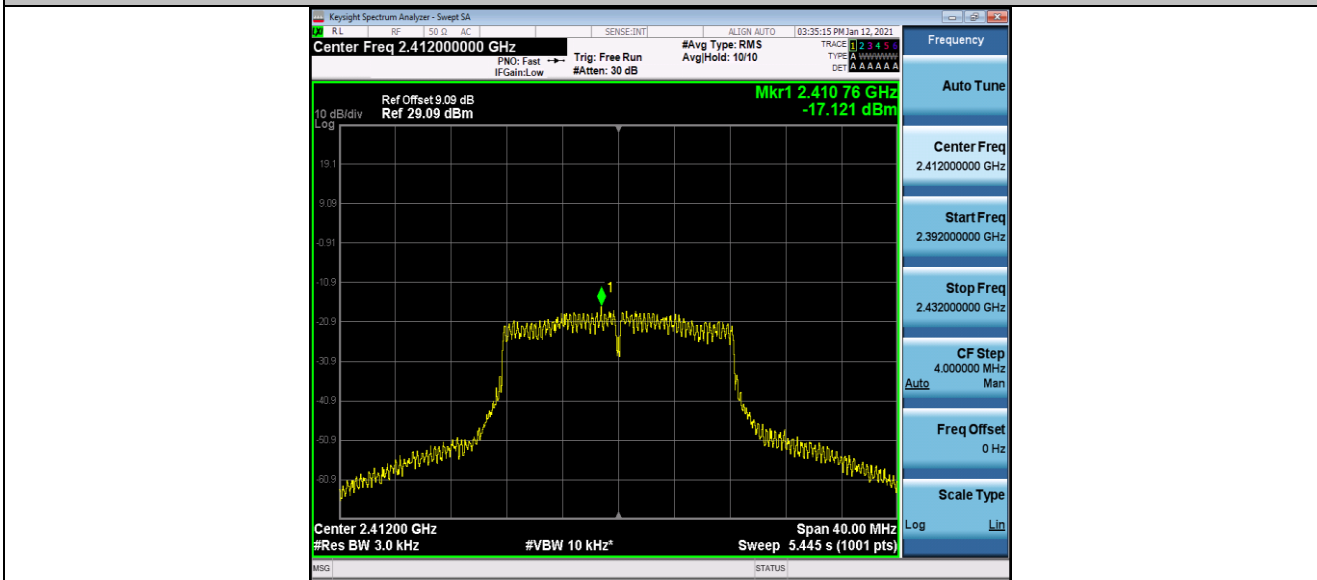
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.65	<=8	PASS
		2437	-16.35	<=8	PASS
		2462	-16.79	<=8	PASS
11G	Ant1	2412	-17.12	<=8	PASS
		2437	-17.13	<=8	PASS
		2462	-18.24	<=8	PASS
11N20SISO	Ant1	2412	-19.12	<=8	PASS
		2437	-18.47	<=8	PASS
		2462	-19.64	<=8	PASS
11N40SISO	Ant1	2422	-22.3	<=8	PASS
		2437	-22.23	<=8	PASS
		2452	-22.73	<=8	PASS

### Test Graphs

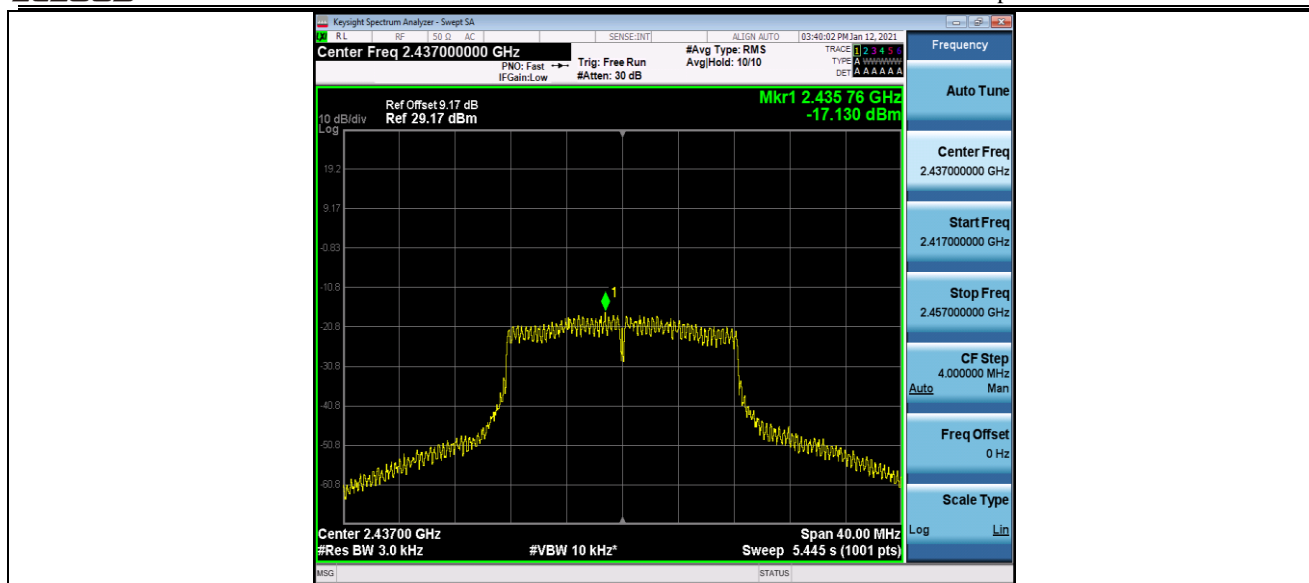




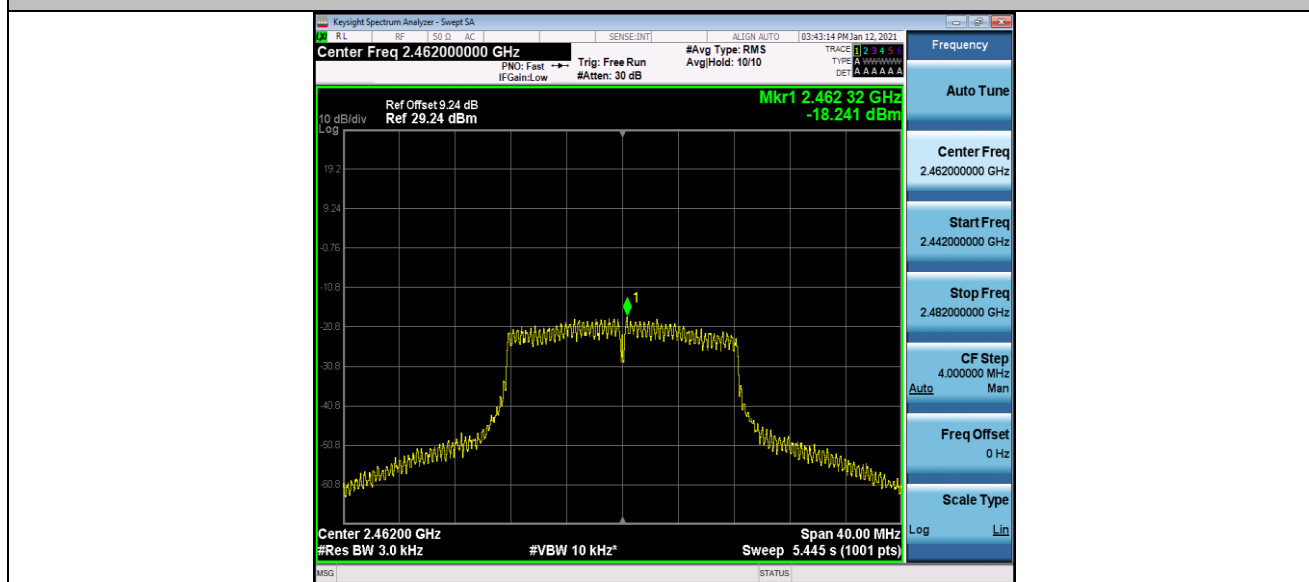
11G\_Ant1\_2412



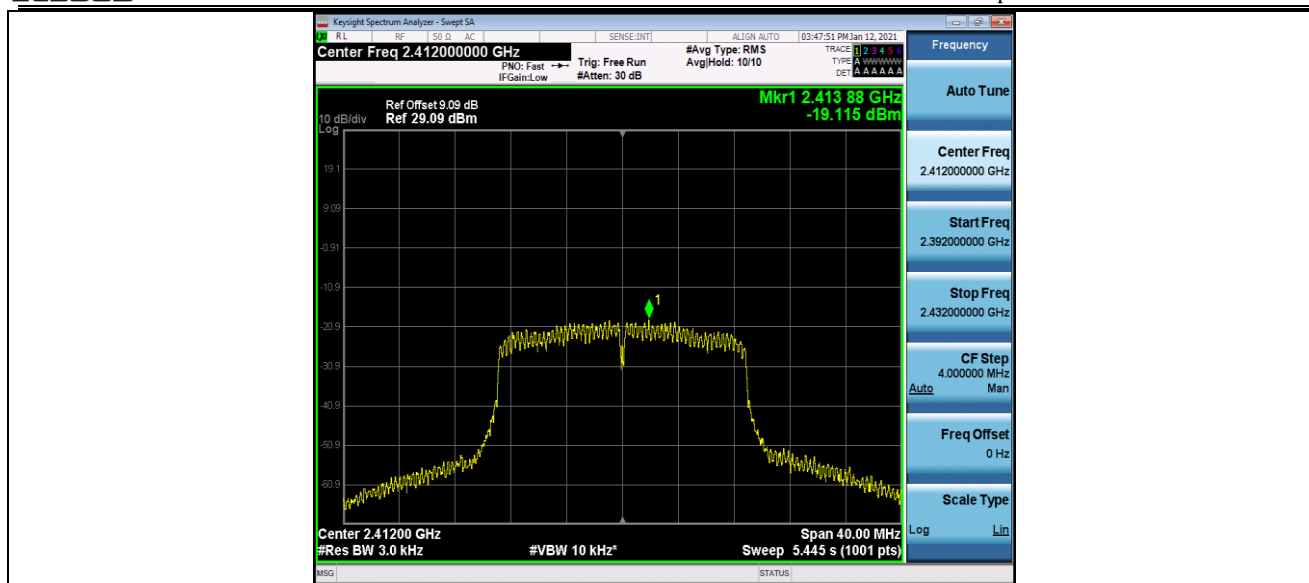
11G\_Ant1\_2437



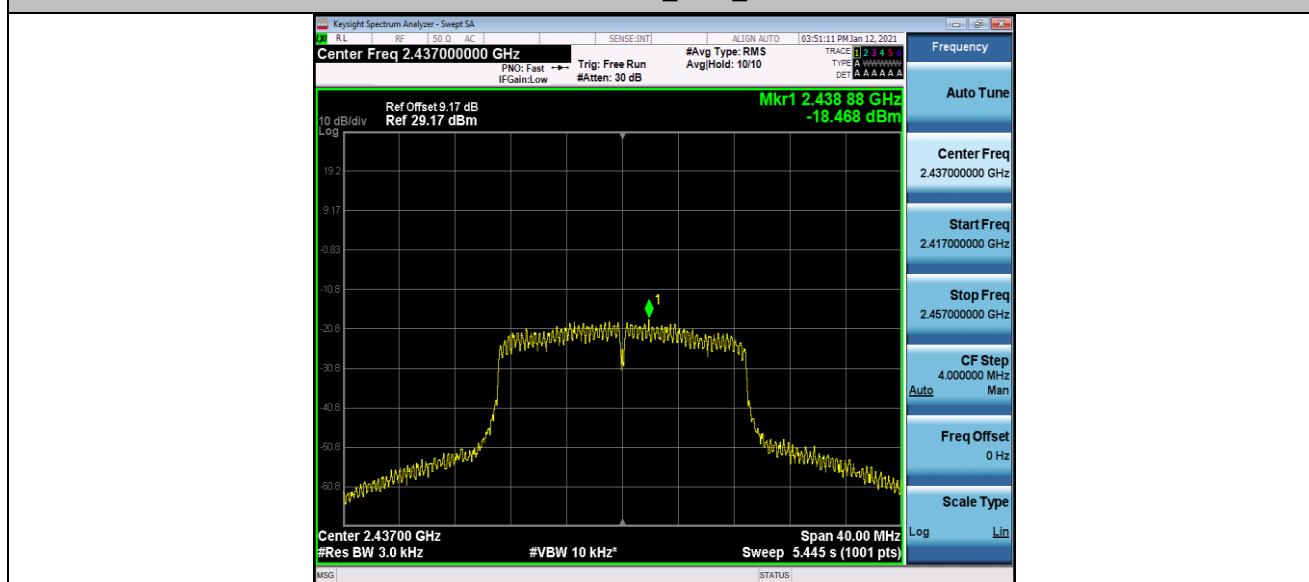
11G\_Ant1\_2462



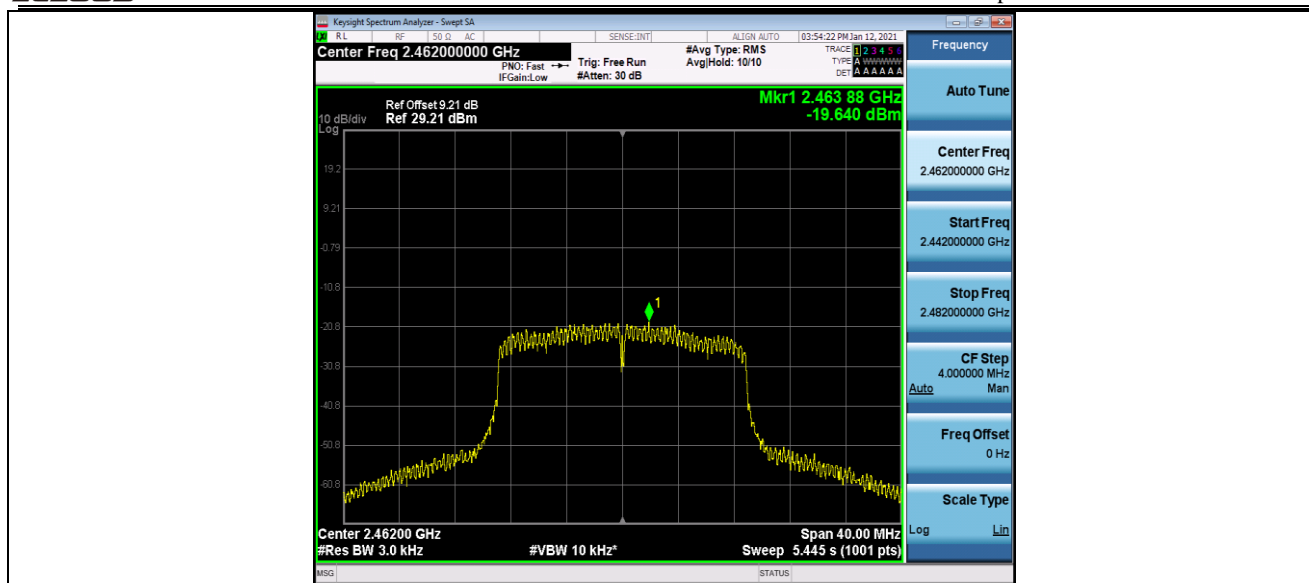
11N20SISO\_Ant1\_2412



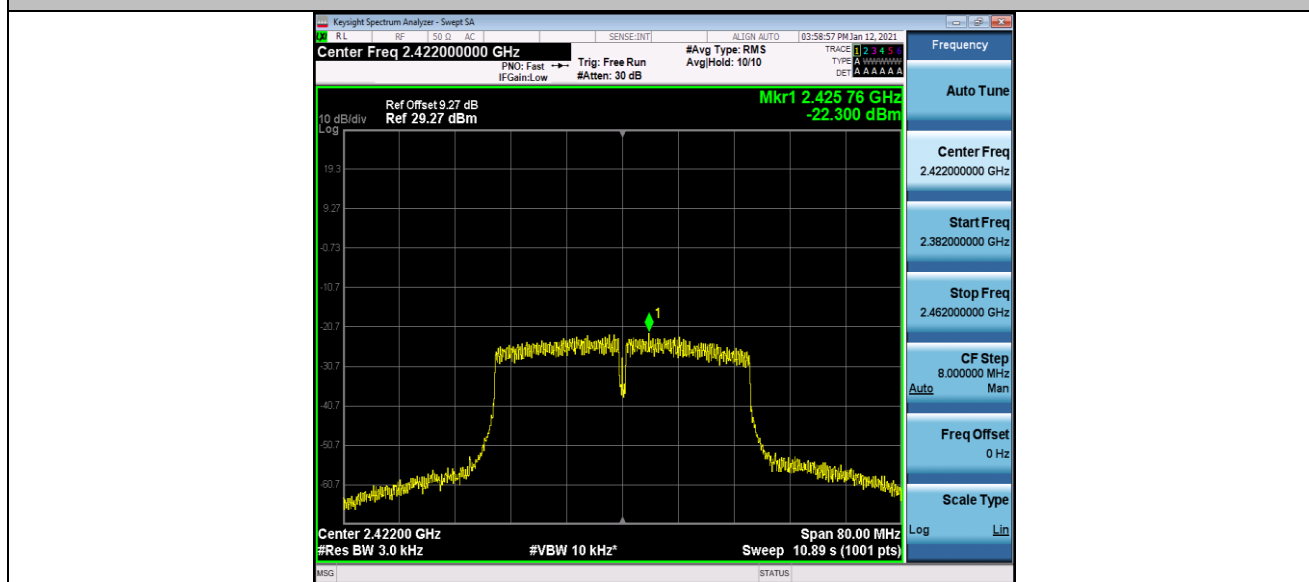
11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

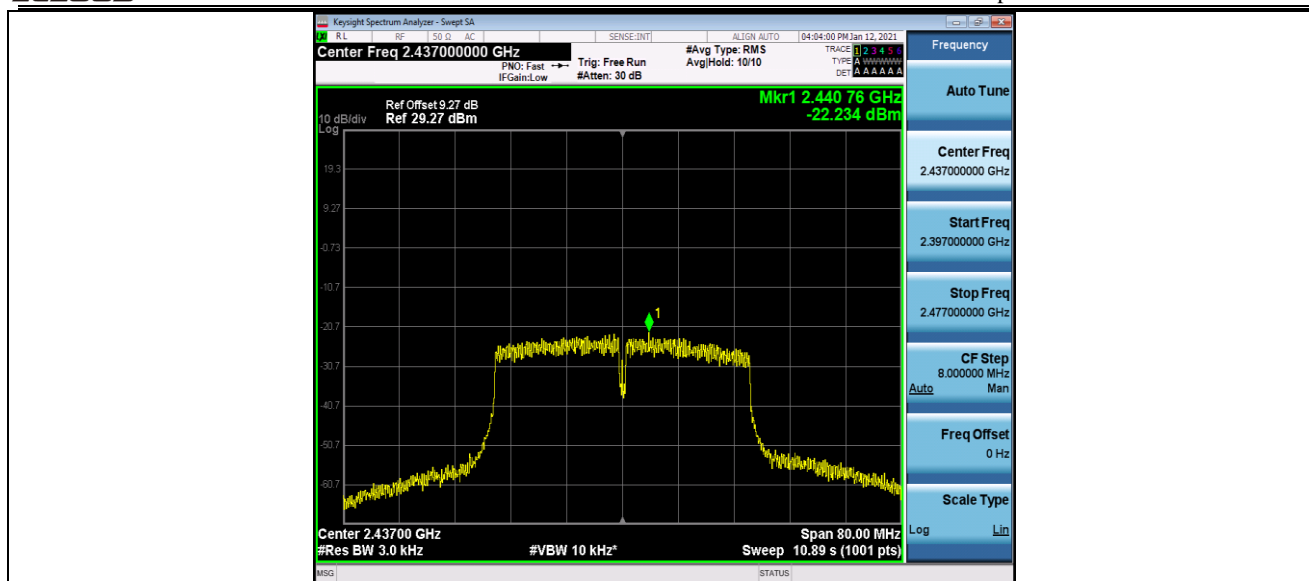


11N40SISO\_Ant1\_2422

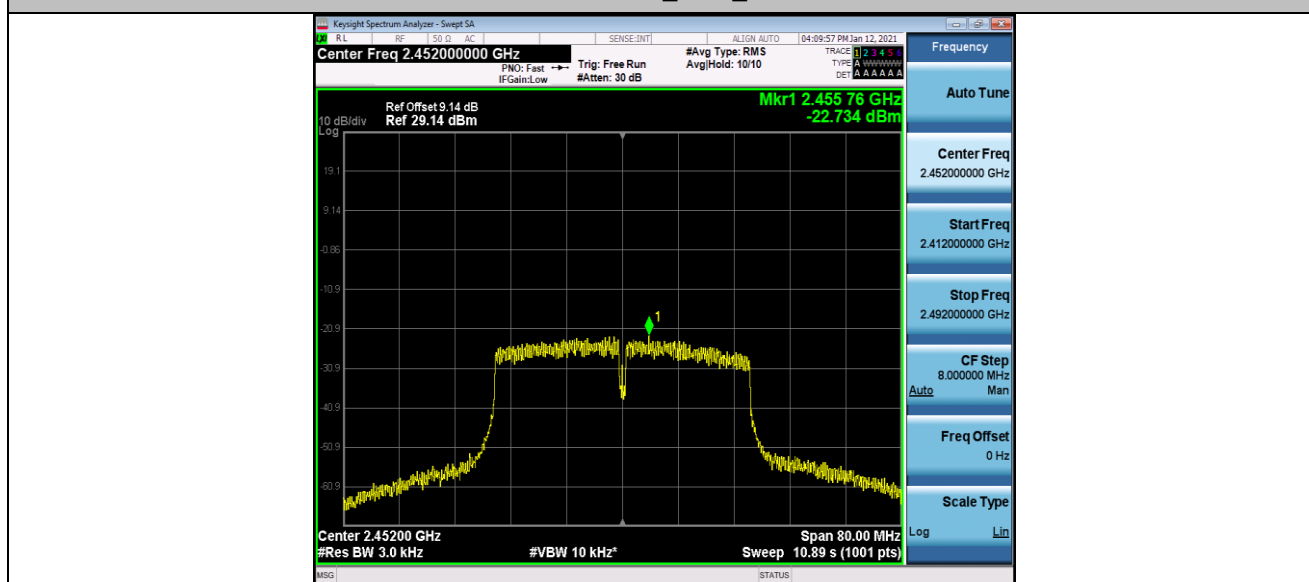


11N40SISO\_Ant1\_2437





11N40SISO\_Ant1\_2452

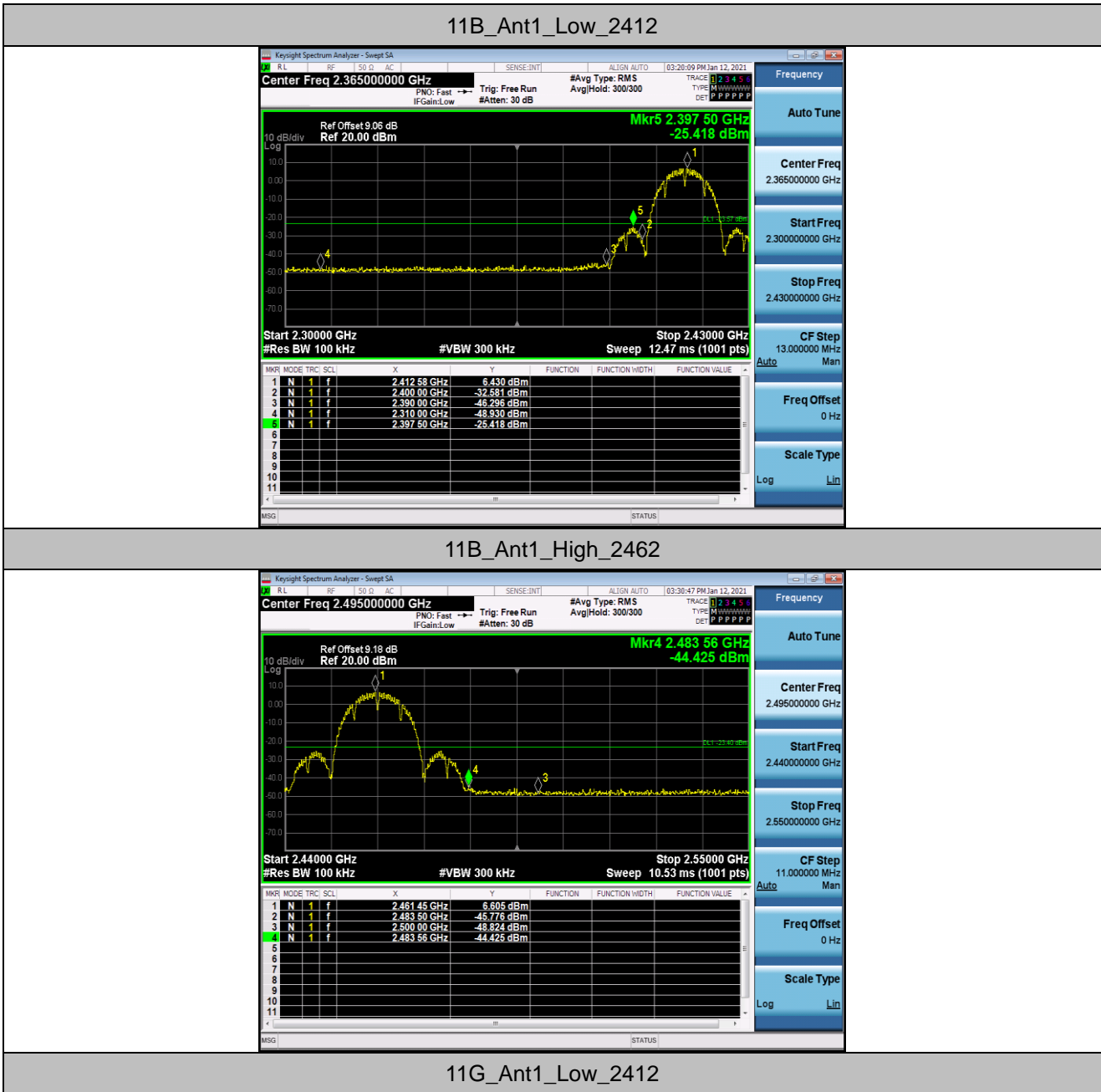


## Appendix F: Band edge measurements

### Test Result

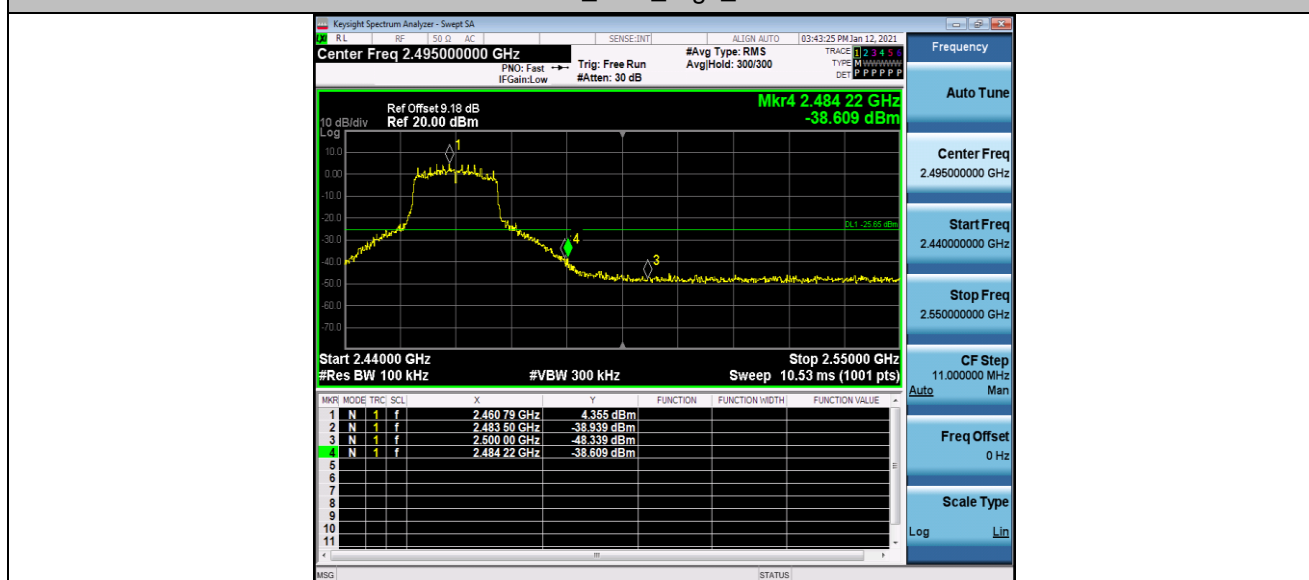
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.43	-25.42	<=-23.57	PASS
		High	2462	6.61	-44.43	<=-23.4	PASS
11G	Ant1	Low	2412	5.26	-27.21	<=-24.74	PASS
		High	2462	4.36	-38.61	<=-25.65	PASS
11N20SISO	Ant1	Low	2412	4.17	-30.66	<=-25.83	PASS
		High	2462	4.22	-40.99	<=-25.78	PASS
11N40SISO	Ant1	Low	2422	-6.41	-37.06	<=-36.41	PASS
		High	2452	0.48	-30.95	<=-29.52	PASS

### Test Graphs





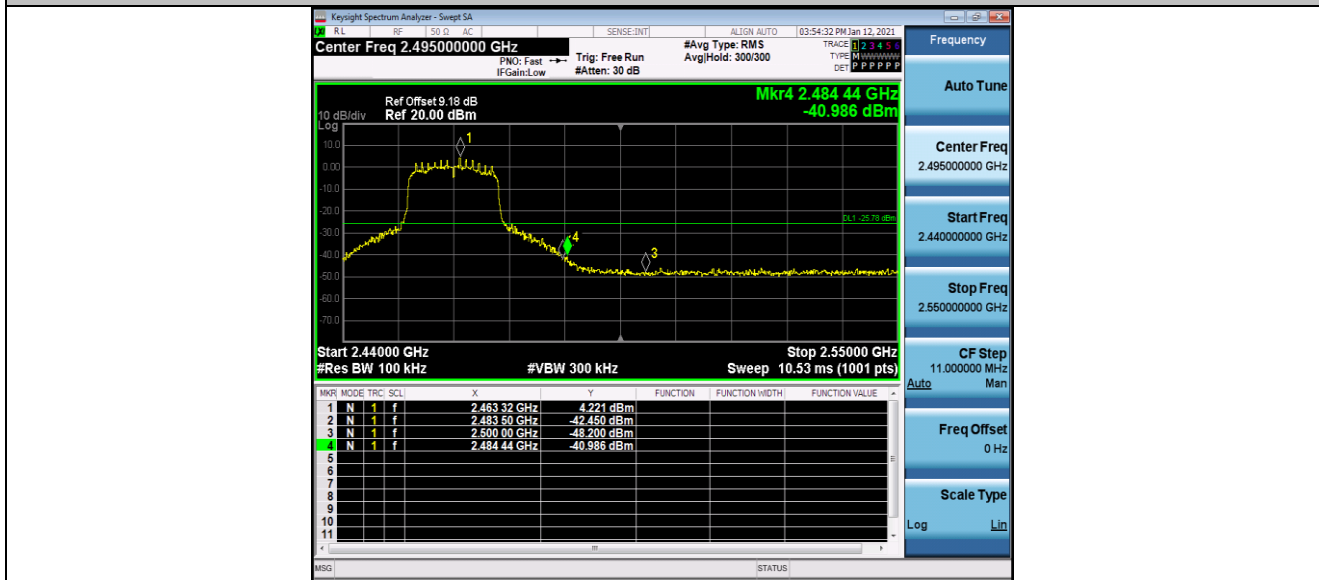
11G\_Ant1\_High\_2462



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	6.15	6.15	---	PASS
			30~1000	30~1000	-57.384	<=-23.851	PASS
			1000~26500	1000~26500	-37.373	<=-23.851	PASS
		2437	Reference	6.77	6.77	---	PASS
			30~1000	30~1000	-56.704	<=-23.229	PASS
			1000~26500	1000~26500	-37.601	<=-23.229	PASS
		2462	Reference	5.94	5.94	---	PASS
			30~1000	30~1000	-57.003	<=-24.061	PASS
			1000~26500	1000~26500	-37.548	<=-24.061	PASS
11G	Ant1	2412	Reference	4.31	4.31	---	PASS
			30~1000	30~1000	-56.299	<=-25.692	PASS
			1000~26500	1000~26500	-37.383	<=-25.692	PASS
		2437	Reference	5.38	5.38	---	PASS
			30~1000	30~1000	-57.146	<=-24.616	PASS
			1000~26500	1000~26500	-36.954	<=-24.616	PASS
		2462	Reference	4.09	4.09	---	PASS
			30~1000	30~1000	-57.013	<=-25.915	PASS
			1000~26500	1000~26500	-37.575	<=-25.915	PASS
11N20SISO	Ant1	2412	Reference	4.09	4.09	---	PASS
			30~1000	30~1000	-56.739	<=-25.909	PASS
			1000~26500	1000~26500	-36.788	<=-25.909	PASS
		2437	Reference	4.51	4.51	---	PASS
			30~1000	30~1000	-57.193	<=-25.493	PASS
			1000~26500	1000~26500	-36.751	<=-25.493	PASS
		2462	Reference	4.06	4.06	---	PASS
			30~1000	30~1000	-56.366	<=-25.939	PASS
			1000~26500	1000~26500	-37.313	<=-25.939	PASS
11N40SISO	Ant1	2422	Reference	0.63	0.63	---	PASS
			30~1000	30~1000	-55.809	<=-29.375	PASS
			1000~26500	1000~26500	-37.667	<=-29.375	PASS

		2437	Reference	0.79	0.79	---	PASS
			30~1000	30~1000	-56.224	<=-29.214	PASS
			1000~26500	1000~26500	-36.737	<=-29.214	PASS
		2452	Reference	0.72	0.72	---	PASS
			30~1000	30~1000	-55.708	<=-29.283	PASS
			1000~26500	1000~26500	-37.547	<=-29.283	PASS