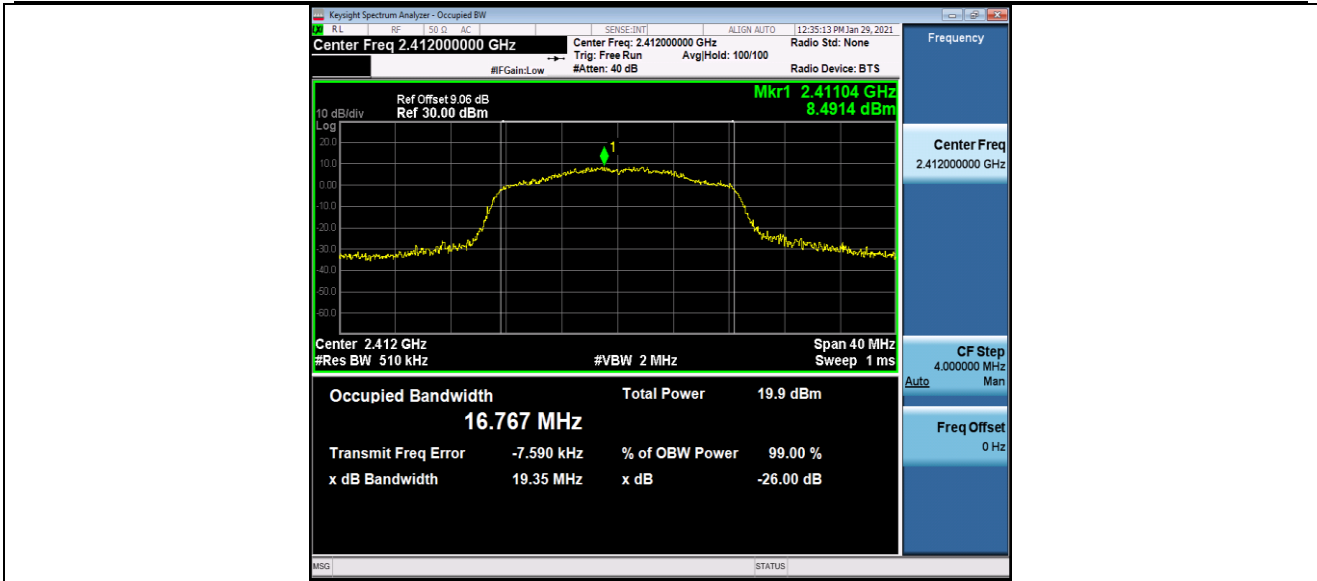




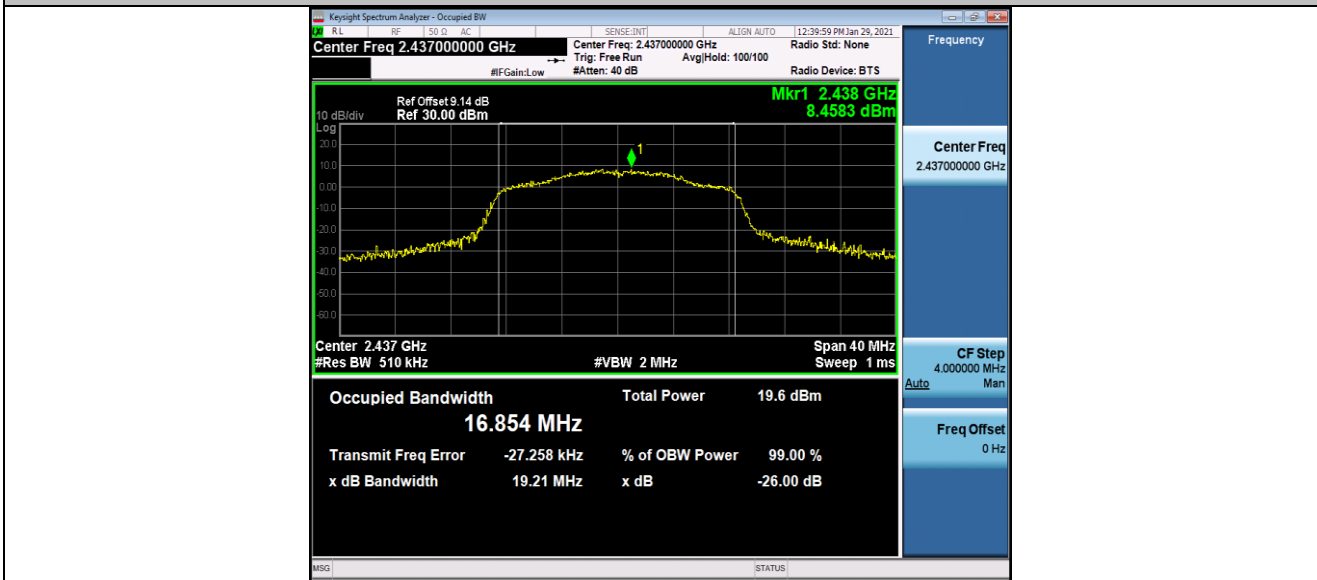
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



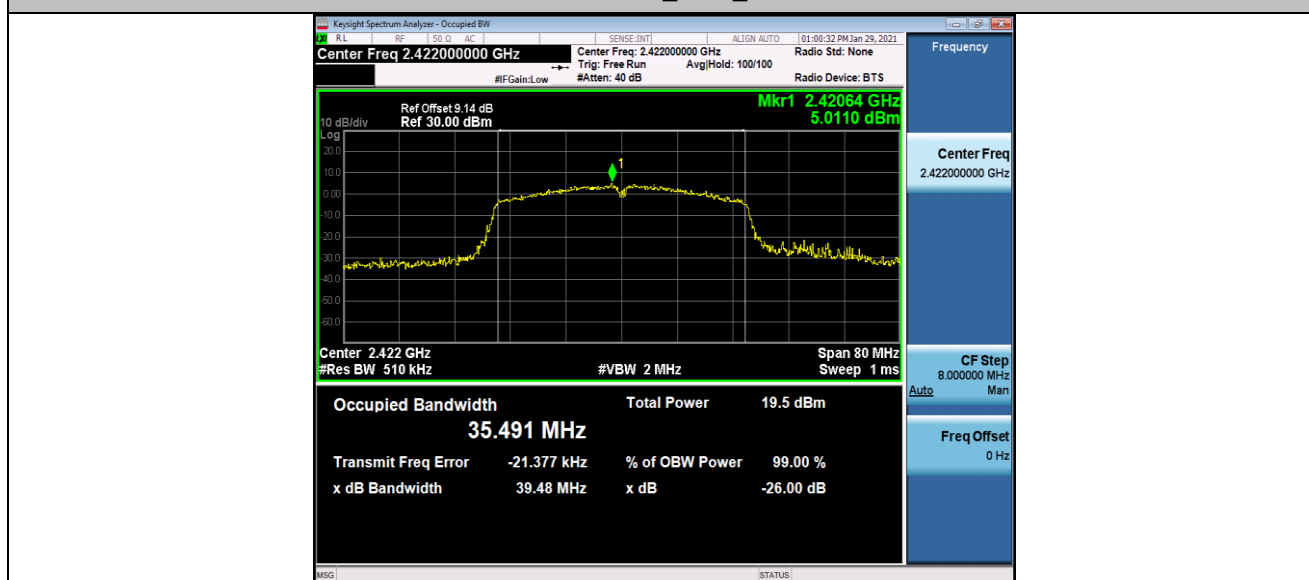
11N20SISO\_Ant1\_2437



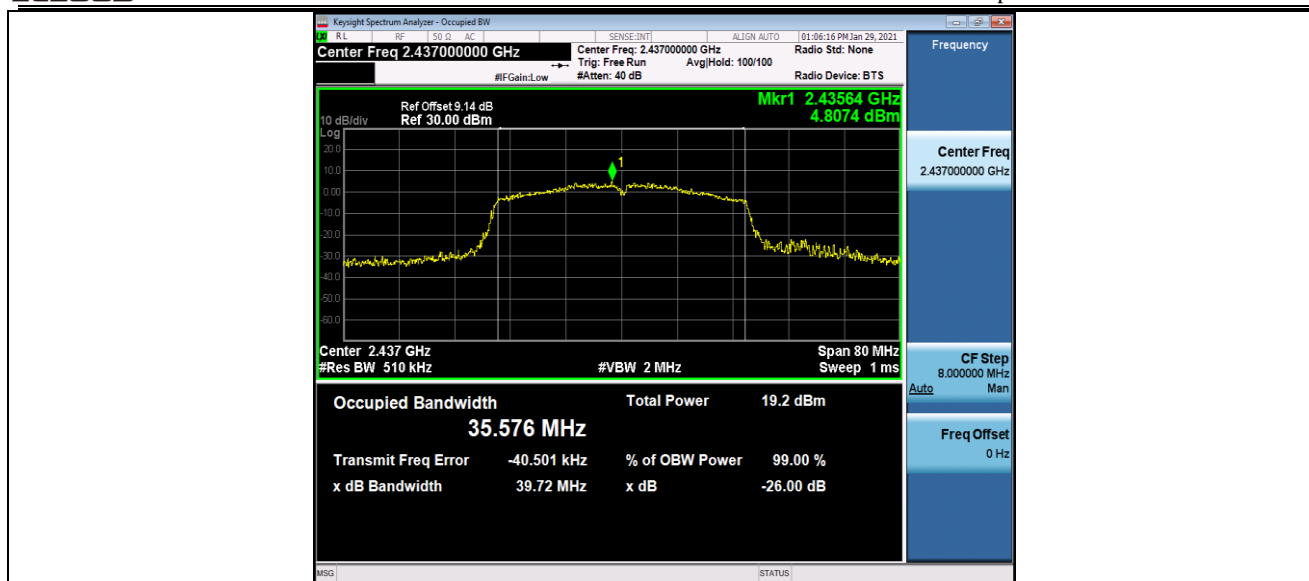
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



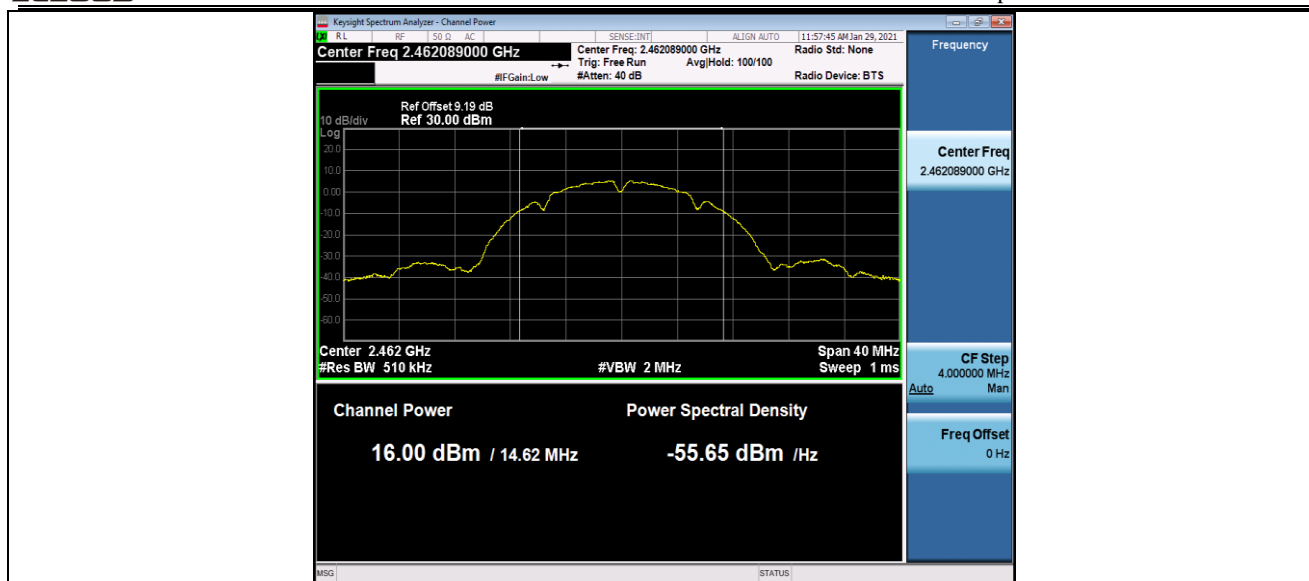
## Appendix C: Maximum conducted output power

### Test Result

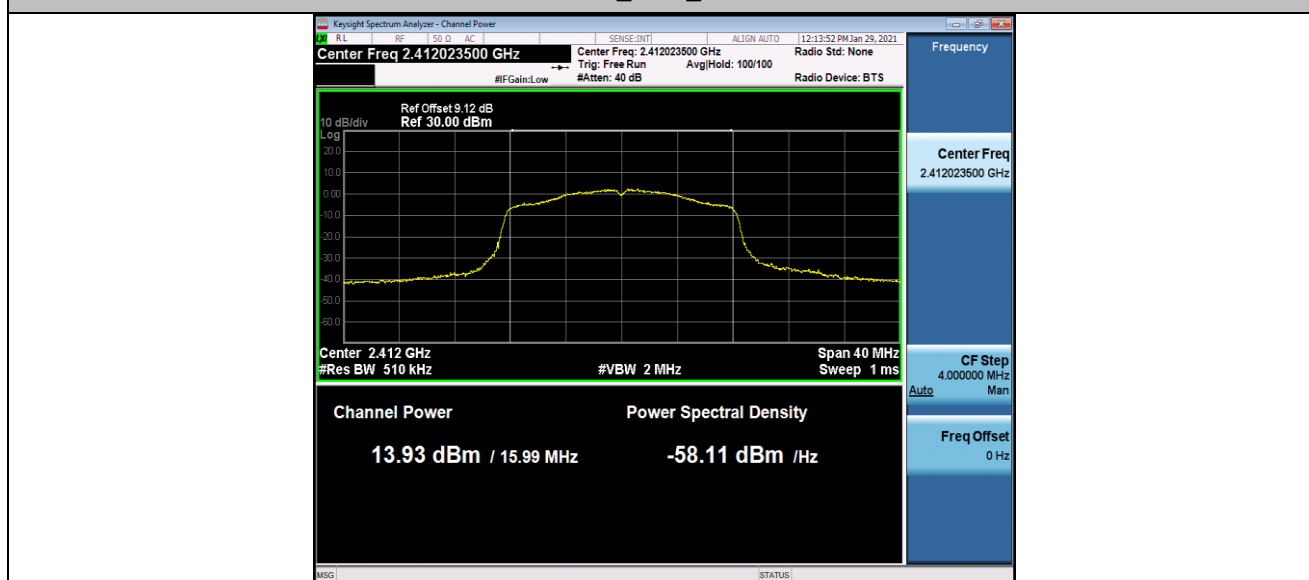
TestMode	Antenna	Channel	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.21	18.51	<=30	PASS
		2437	16.32	18.62	<=30	PASS
		2462	16.00	18.3	<=30	PASS
11G	Ant1	2412	13.93	16.23	<=30	PASS
		2437	13.69	15.99	<=30	PASS
		2462	14.19	16.49	<=30	PASS
11N20SISO	Ant1	2412	13.67	15.97	<=30	PASS
		2437	13.43	15.73	<=30	PASS
		2462	13.26	15.56	<=30	PASS
11N40SISO	Ant1	2422	13.28	15.58	<=30	PASS
		2437	12.96	15.26	<=30	PASS
		2452	13.14	15.44	<=30	PASS

### Test Graphs

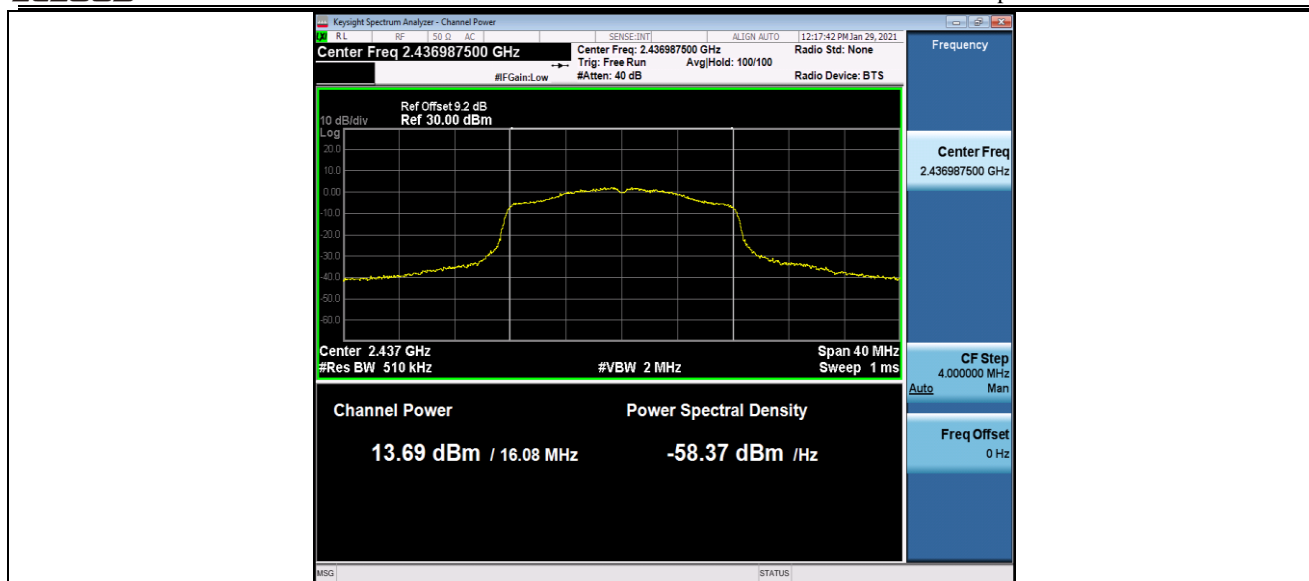




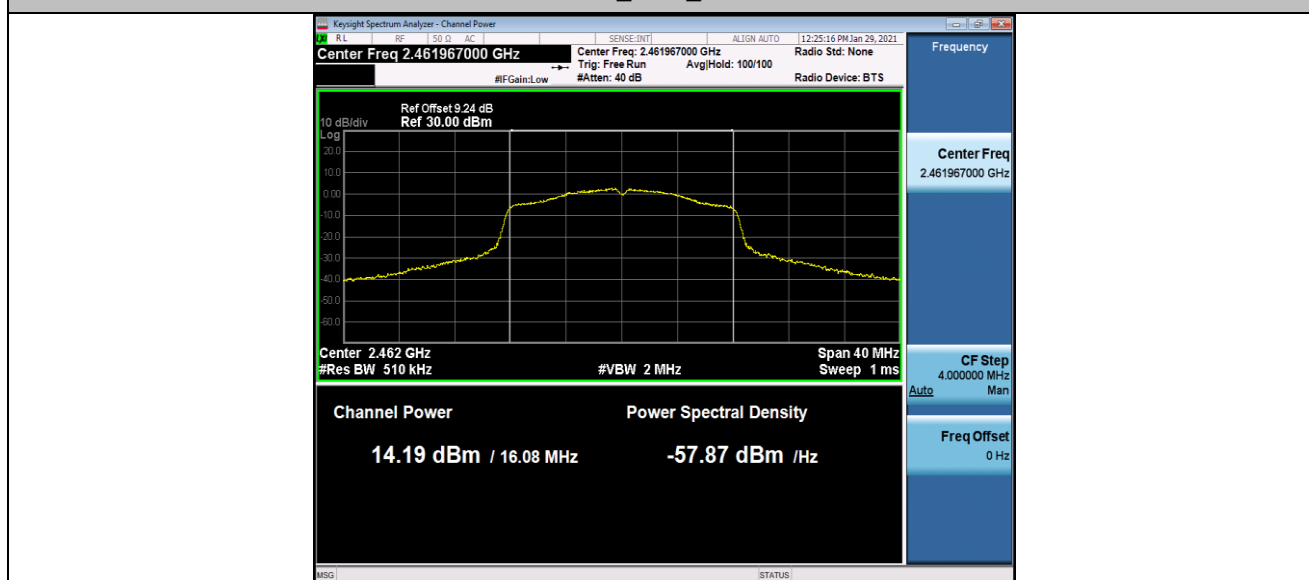
11G\_Ant1\_2412



11G\_Ant1\_2437

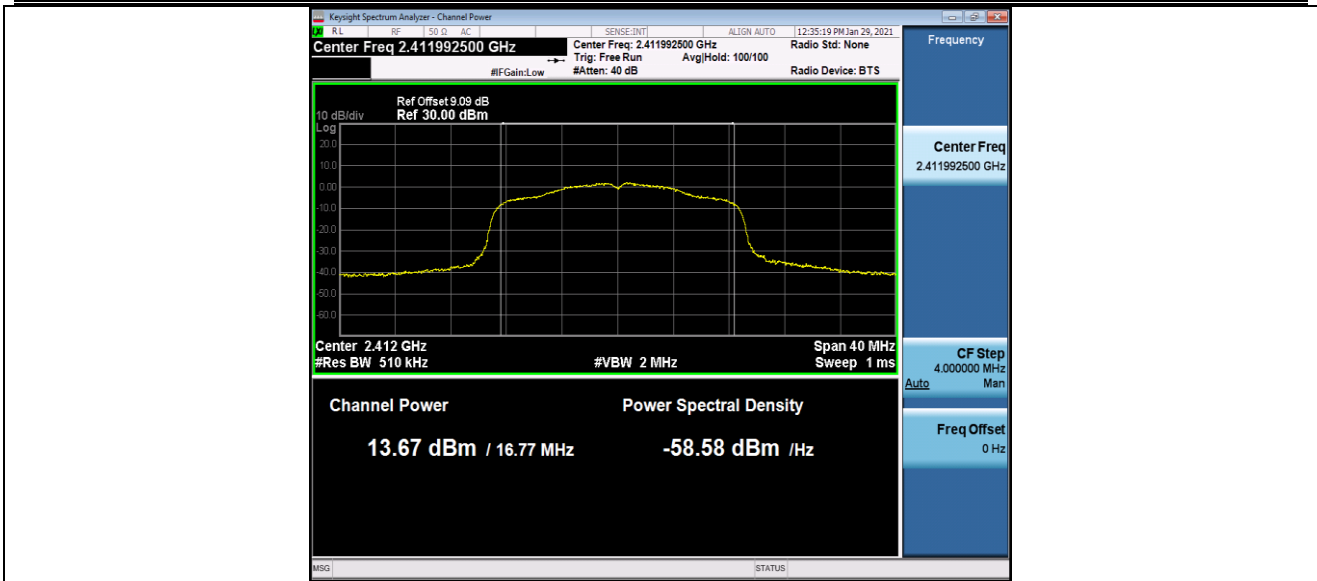


11G\_Ant1\_2462

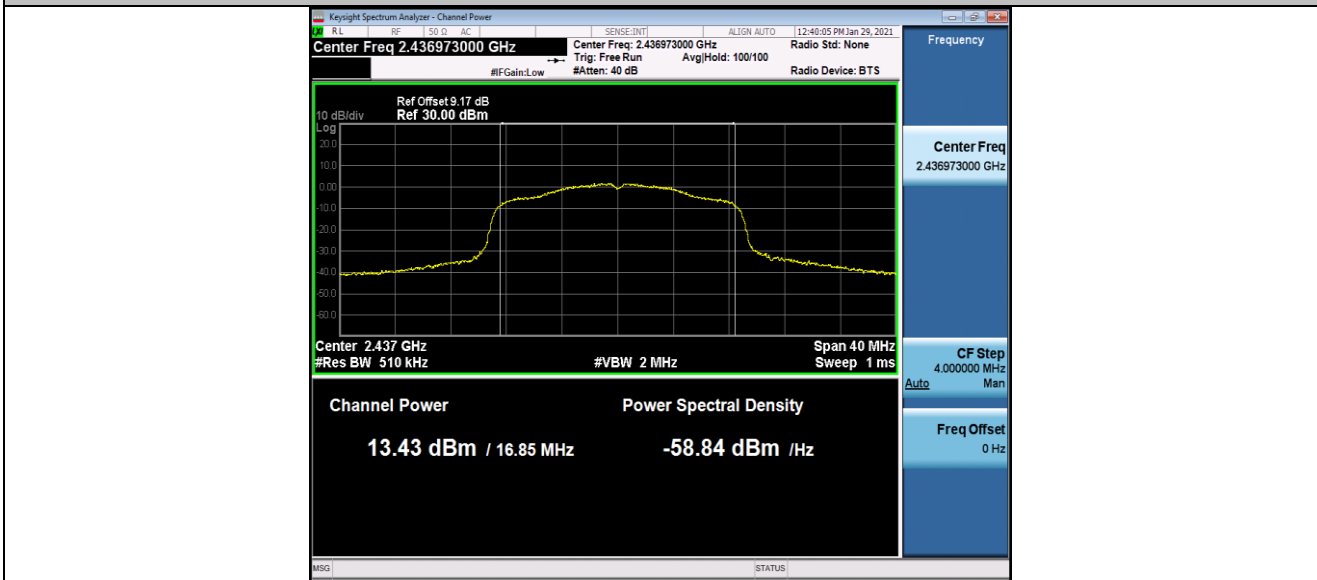


11N20SISO\_Ant1\_2412

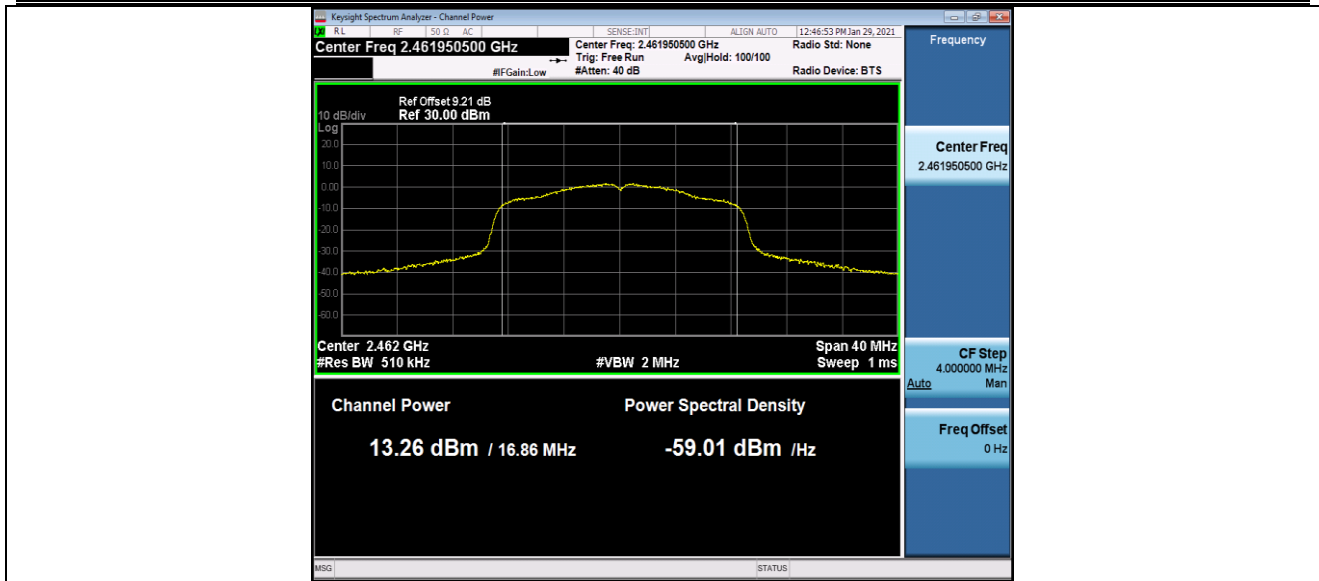




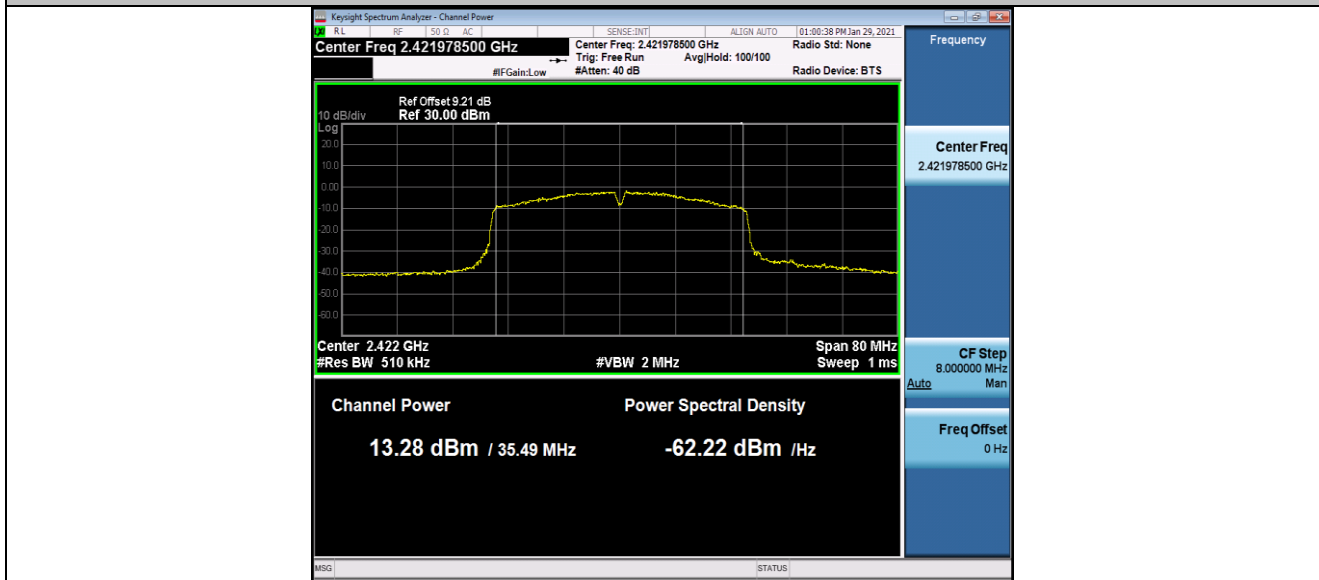
11N20SISO\_Ant1\_2437



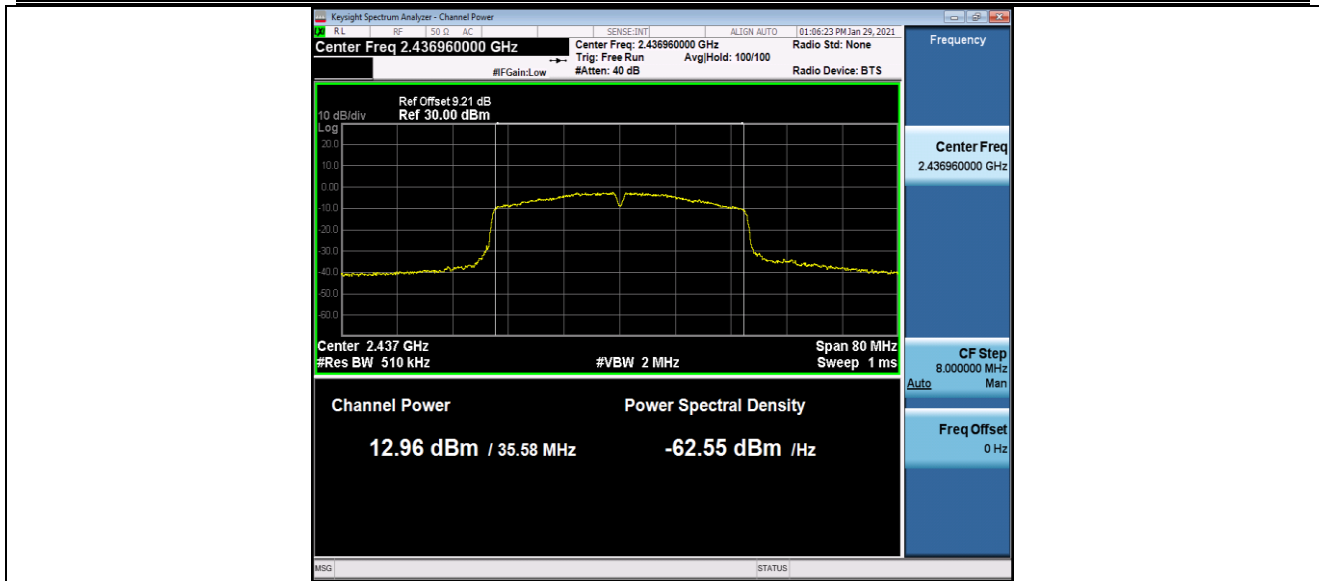
11N20SISO\_Ant1\_2462



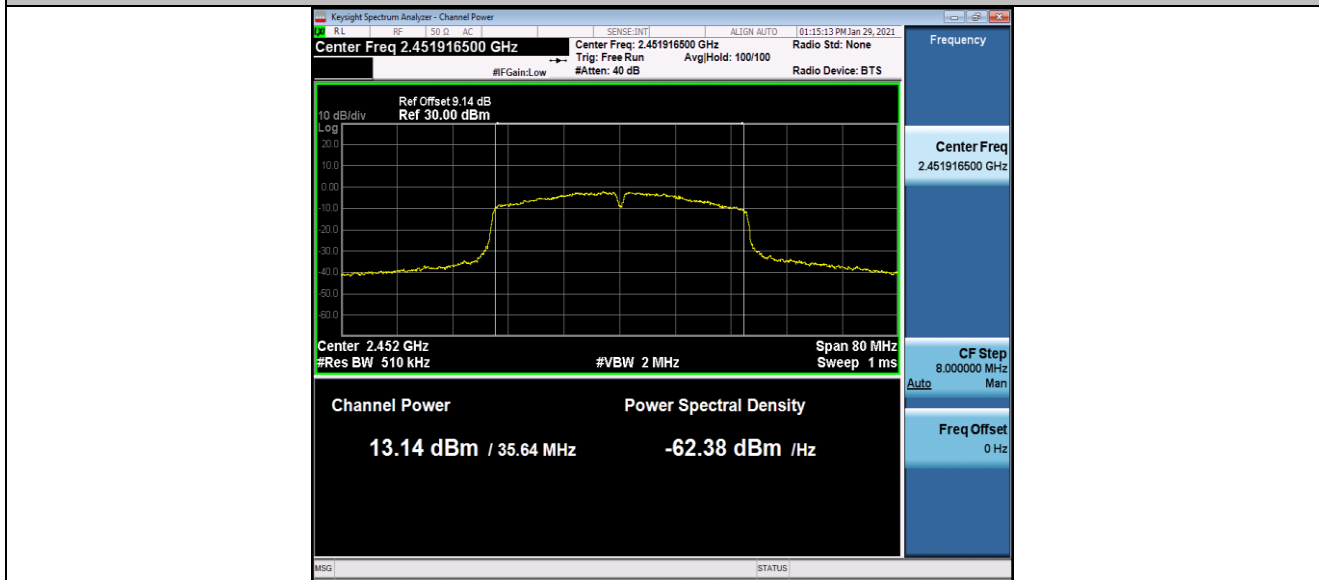
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



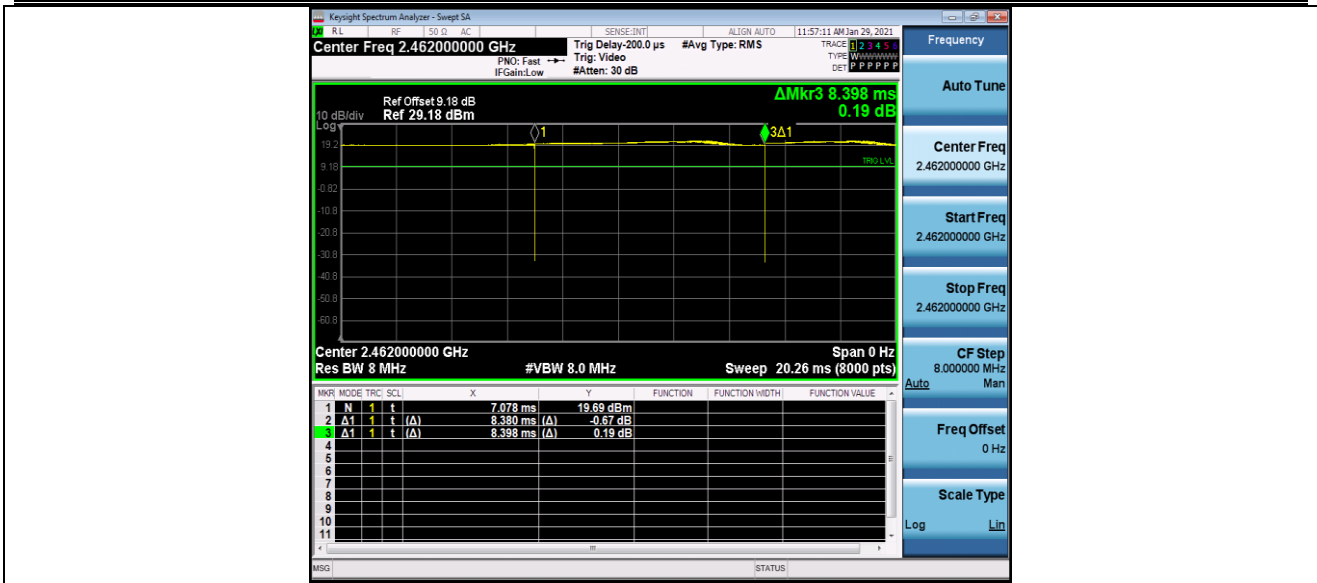
## Appendix D: Duty Cycle

### Test Result

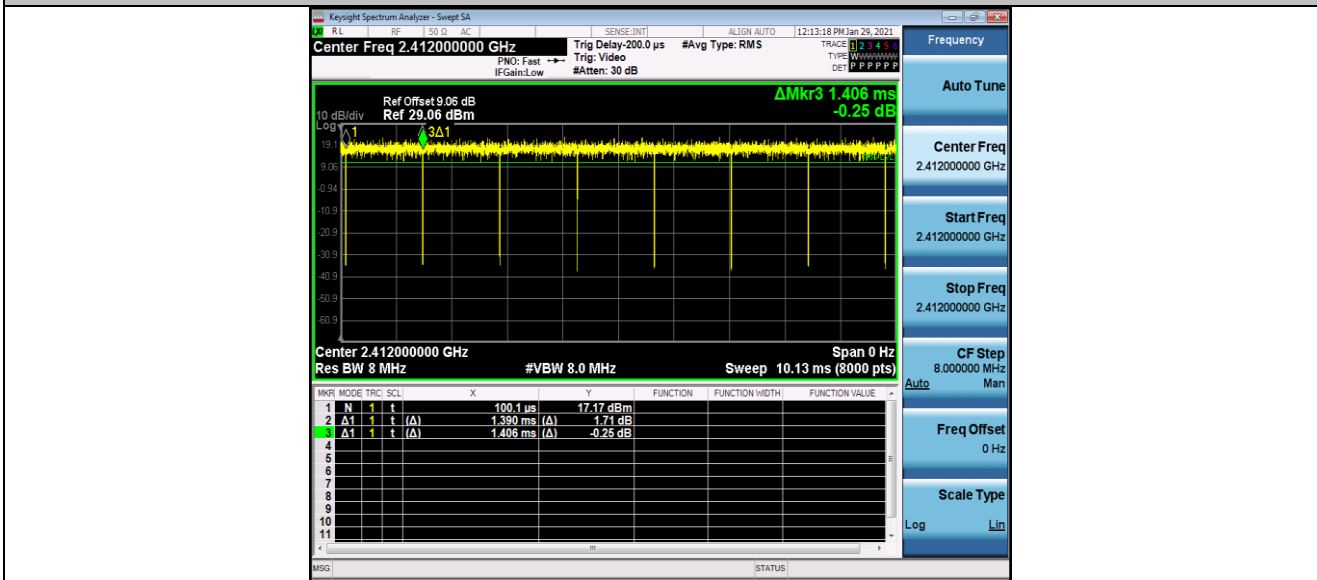
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.40	99.76	---	PASS
		2437	8.38	8.40	99.76	---	PASS
		2462	8.38	8.40	99.76	---	PASS
11G	Ant1	2412	1.39	1.41	98.58	---	PASS
		2437	1.39	1.41	98.58	---	PASS
		2462	1.39	1.41	98.58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

### Test Graphs

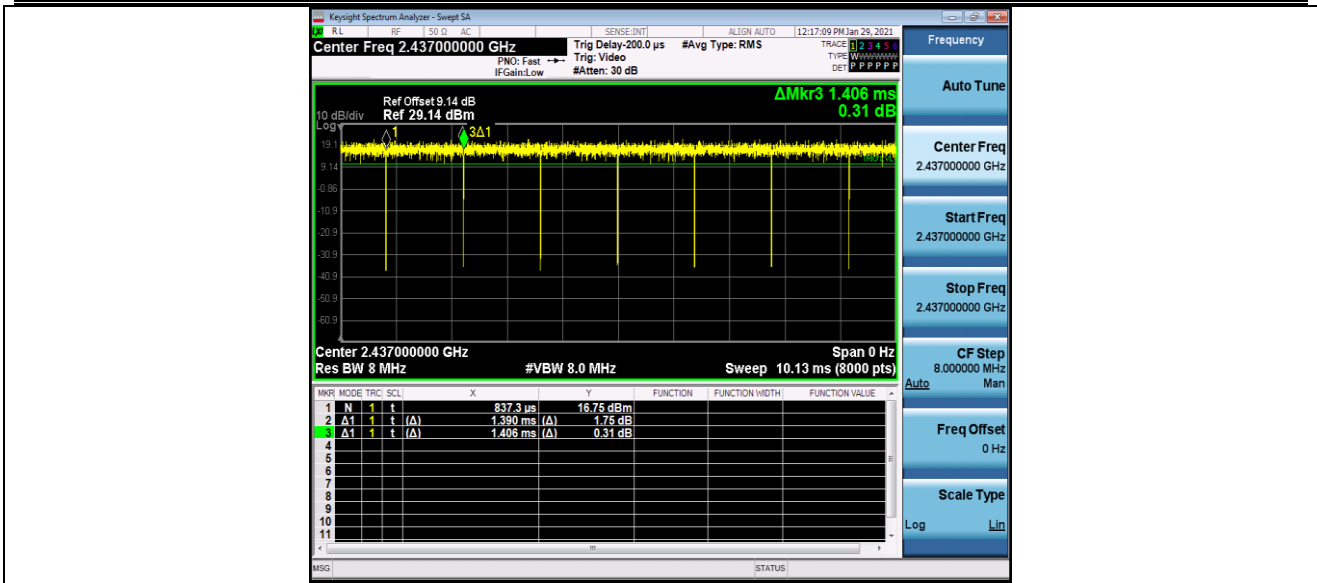




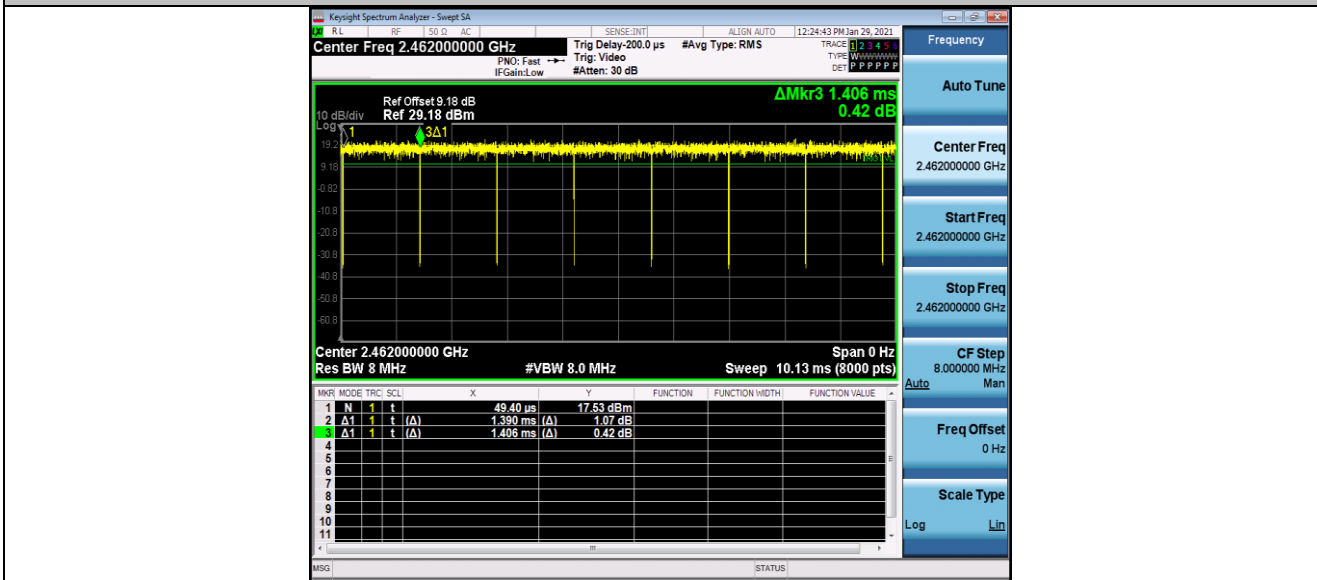
11G\_Ant1\_2412



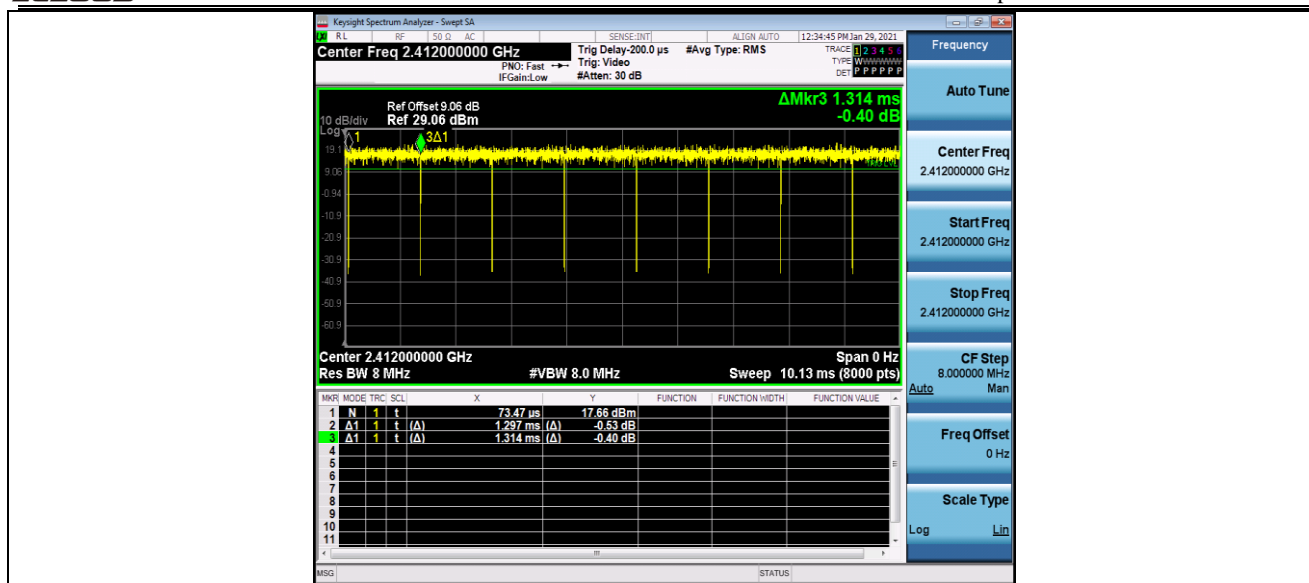
11G\_Ant1\_2437



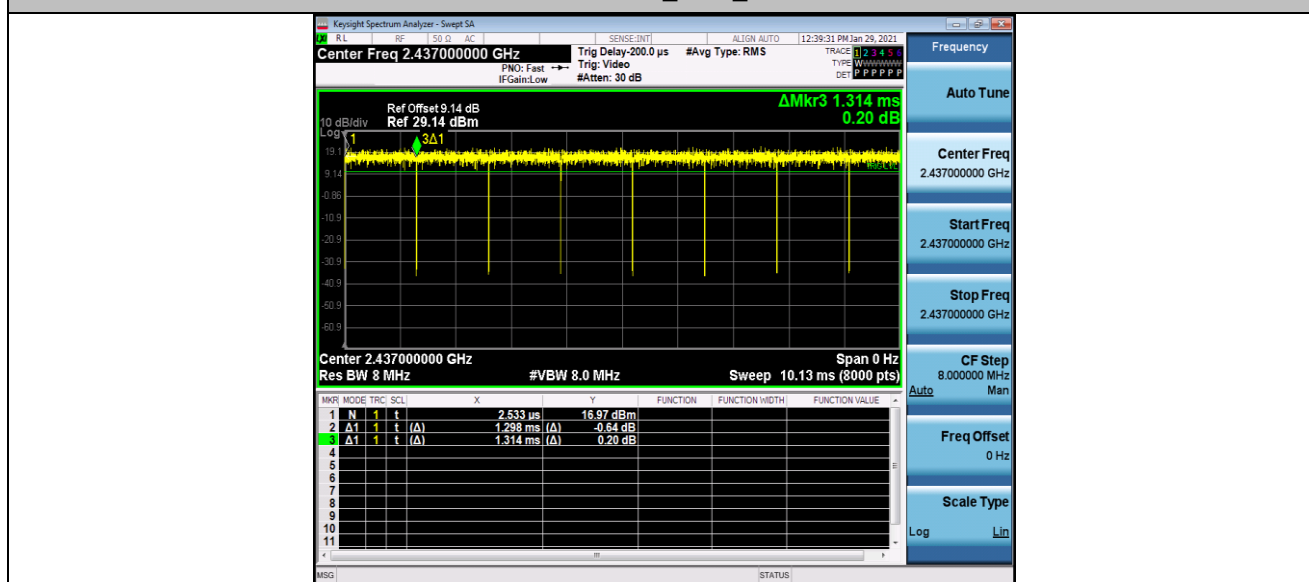
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412

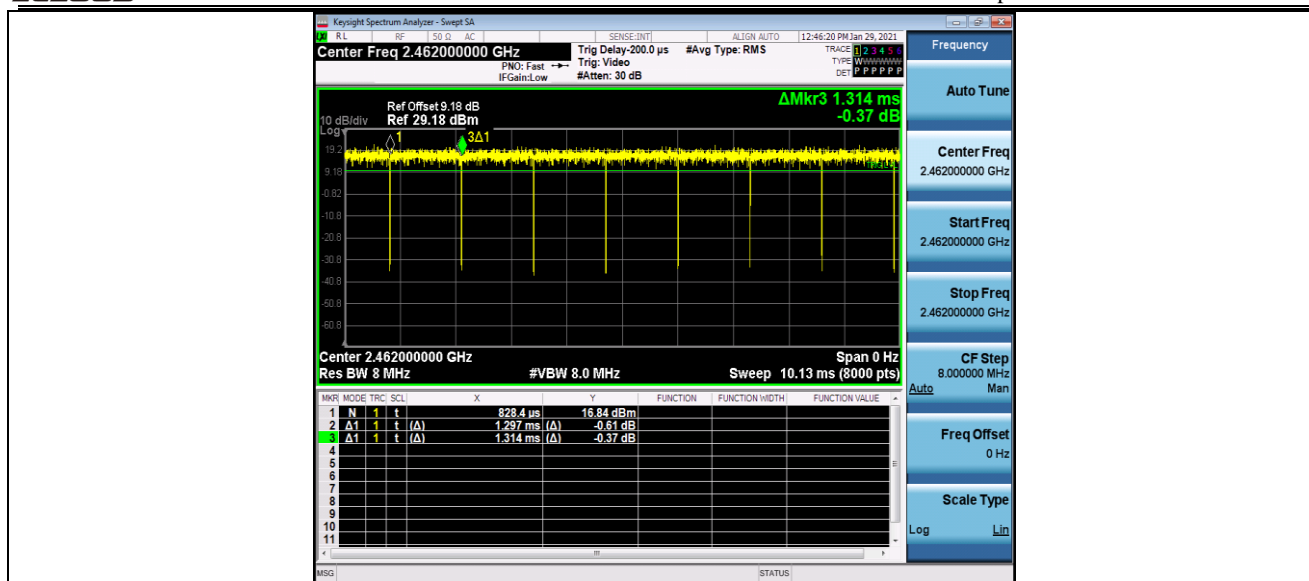


11N20SISO\_Ant1\_2437

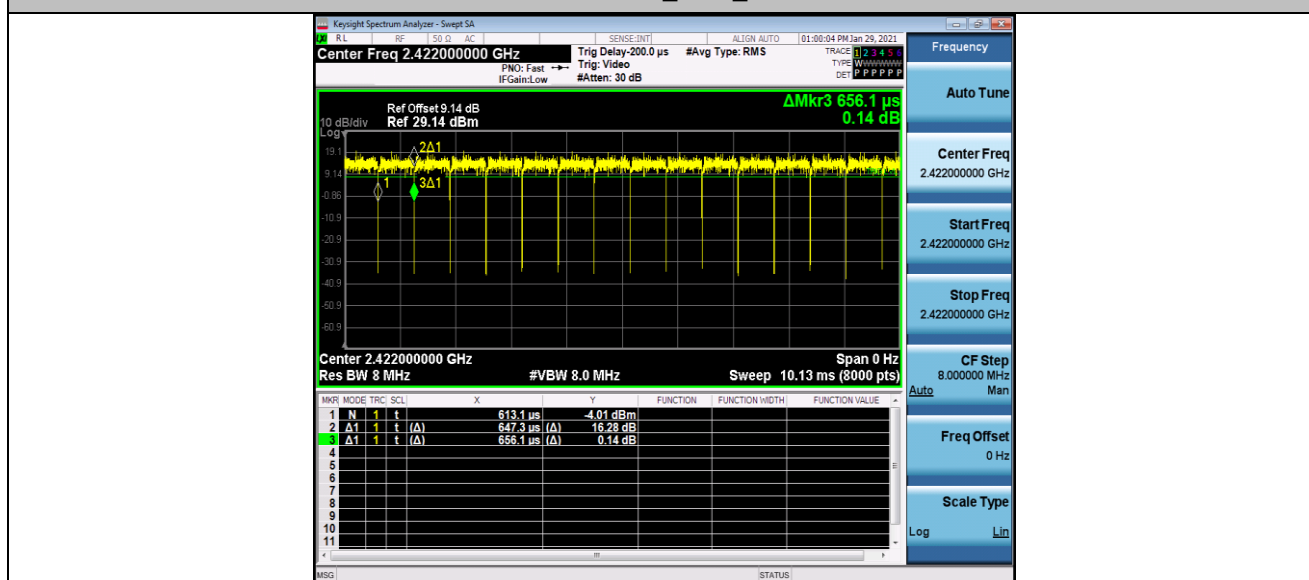


11N20SISO\_Ant1\_2462

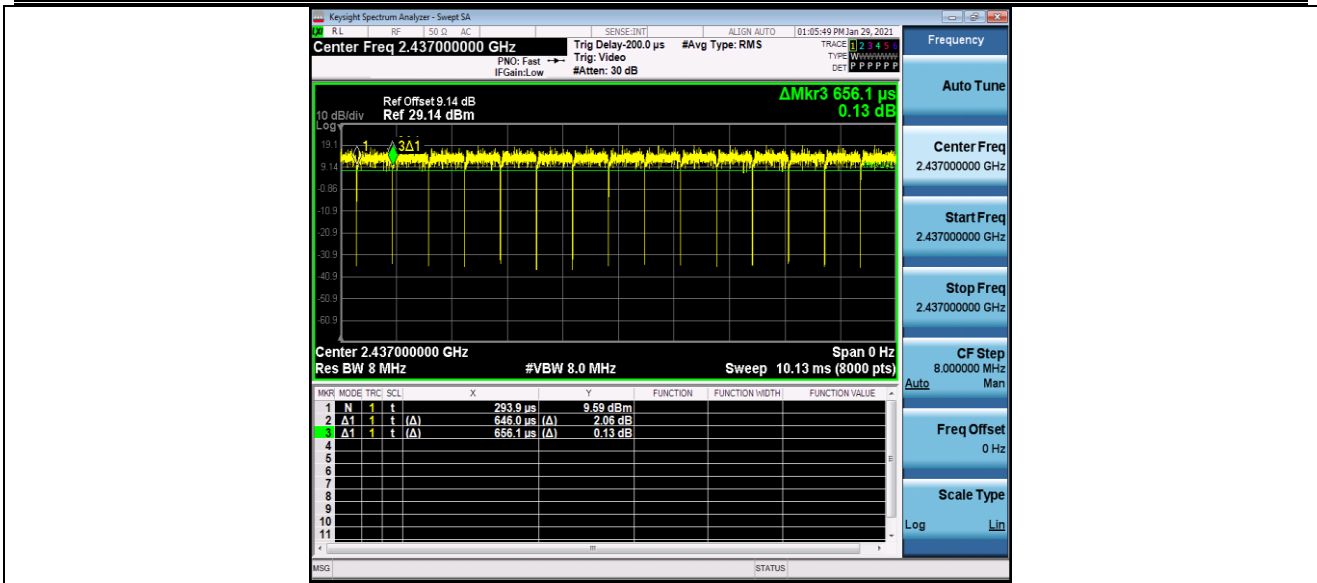




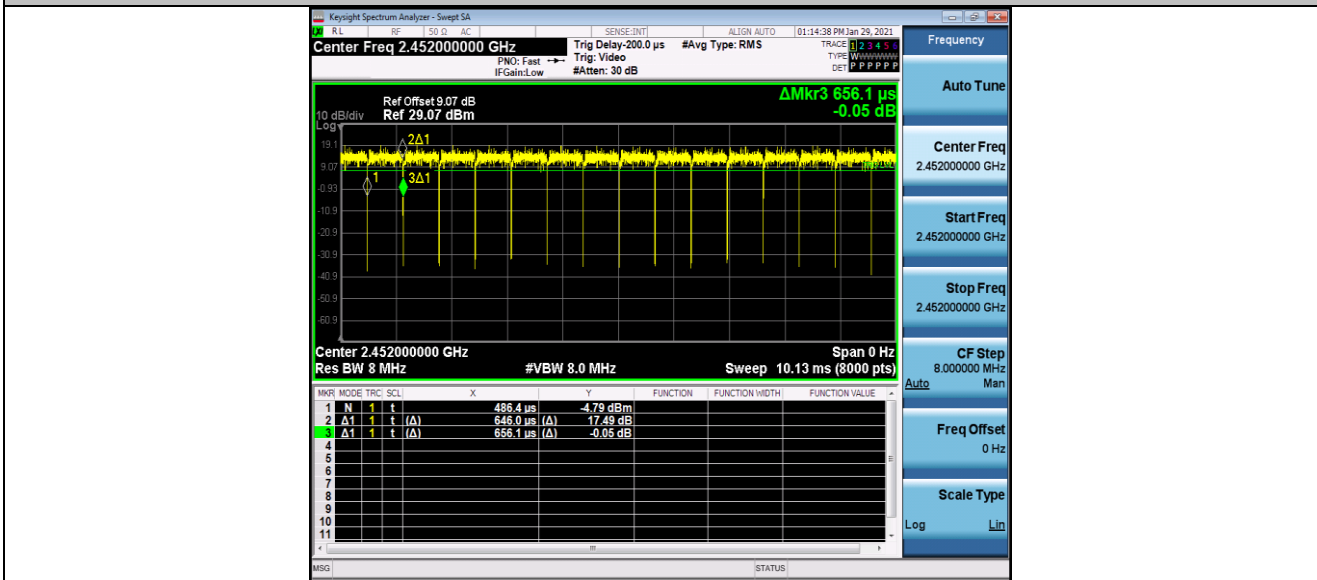
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

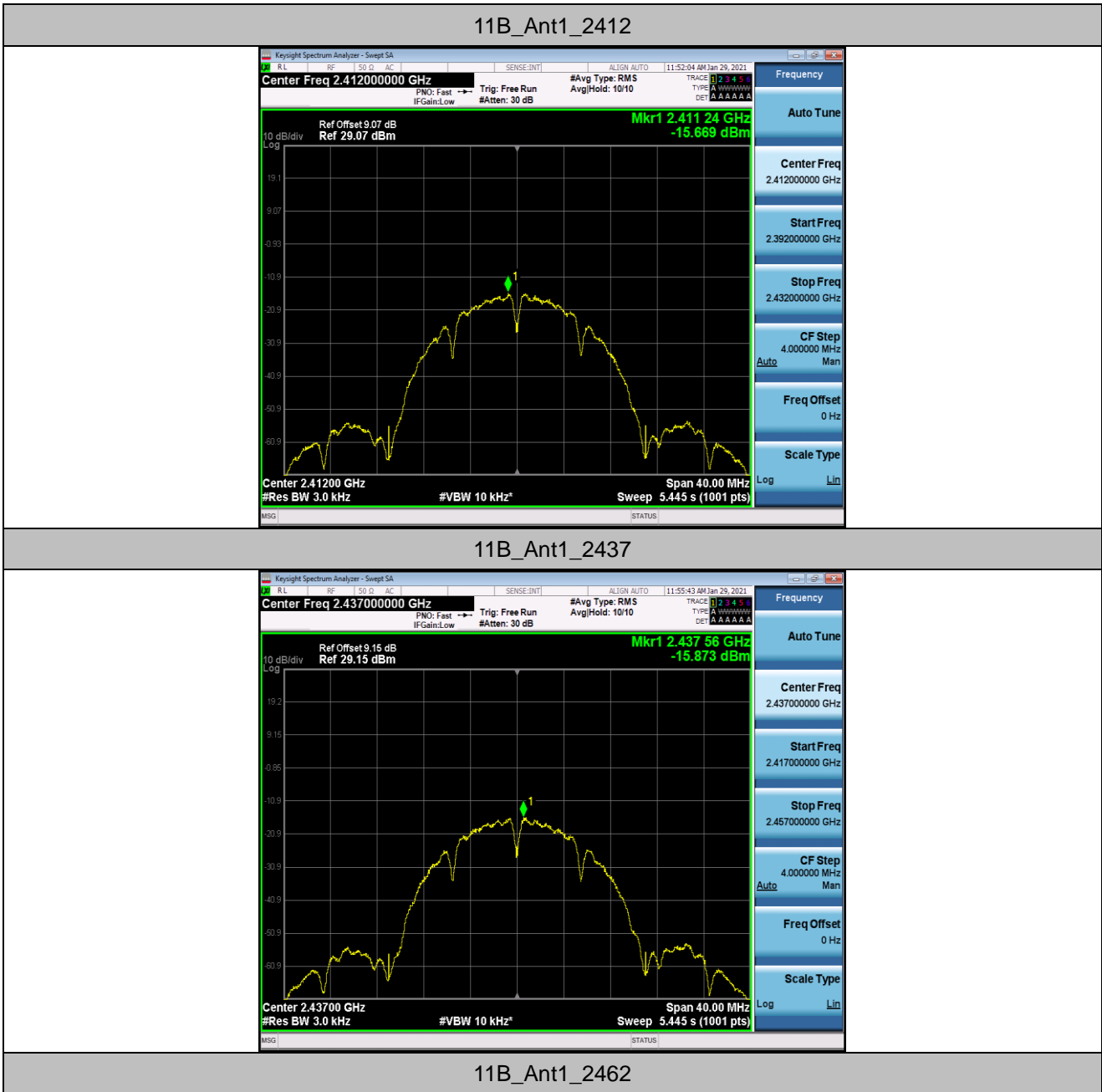


## Appendix E: Maximum power spectral density

### Test Result

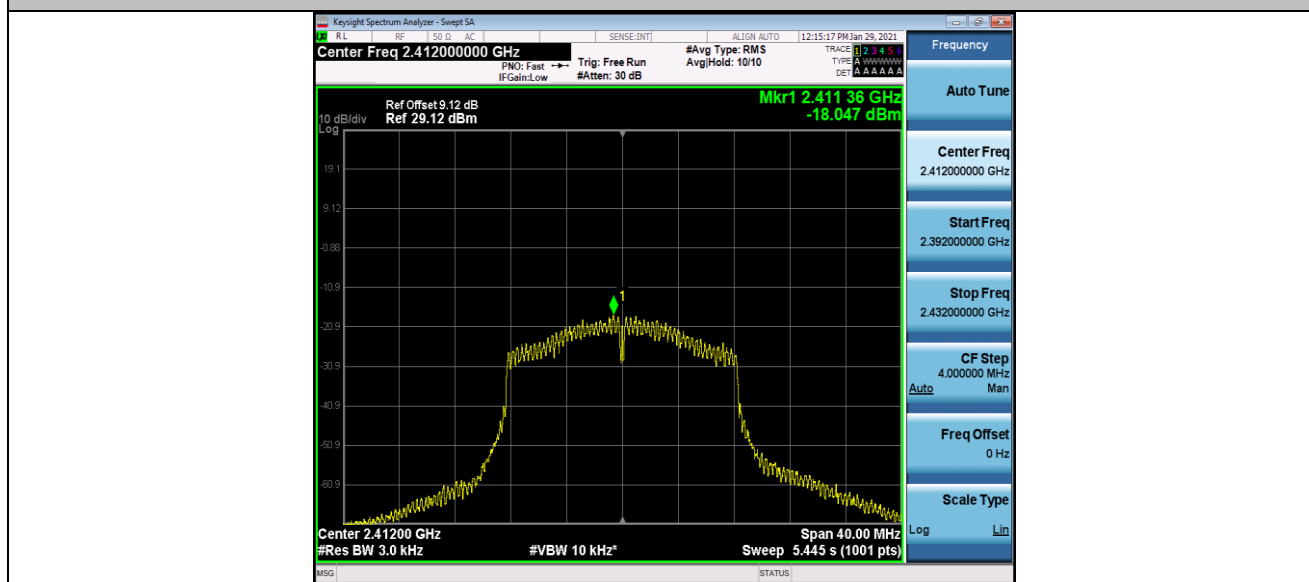
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.67	<=8	PASS
		2437	-15.87	<=8	PASS
		2462	-16.05	<=8	PASS
11G	Ant1	2412	-18.05	<=8	PASS
		2437	-18.19	<=8	PASS
		2462	-17.46	<=8	PASS
11N20SISO	Ant1	2412	-18.87	<=8	PASS
		2437	-19.07	<=8	PASS
		2462	-19.06	<=8	PASS
11N40SISO	Ant1	2422	-21.92	<=8	PASS
		2437	-22.14	<=8	PASS
		2452	-22.01	<=8	PASS

### Test Graphs

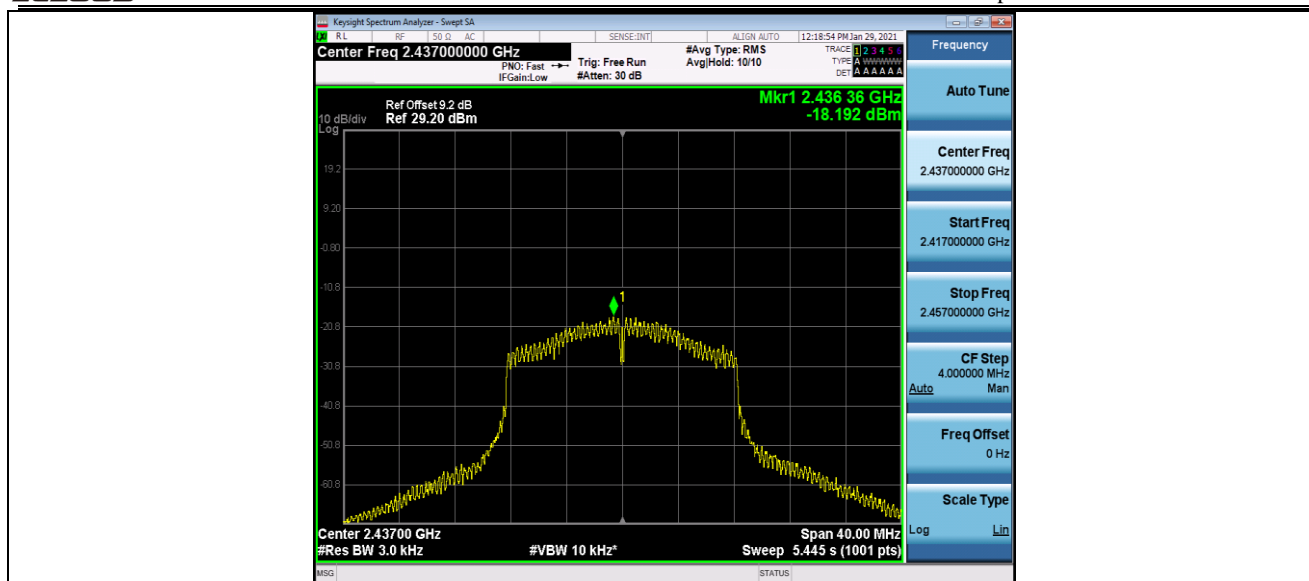




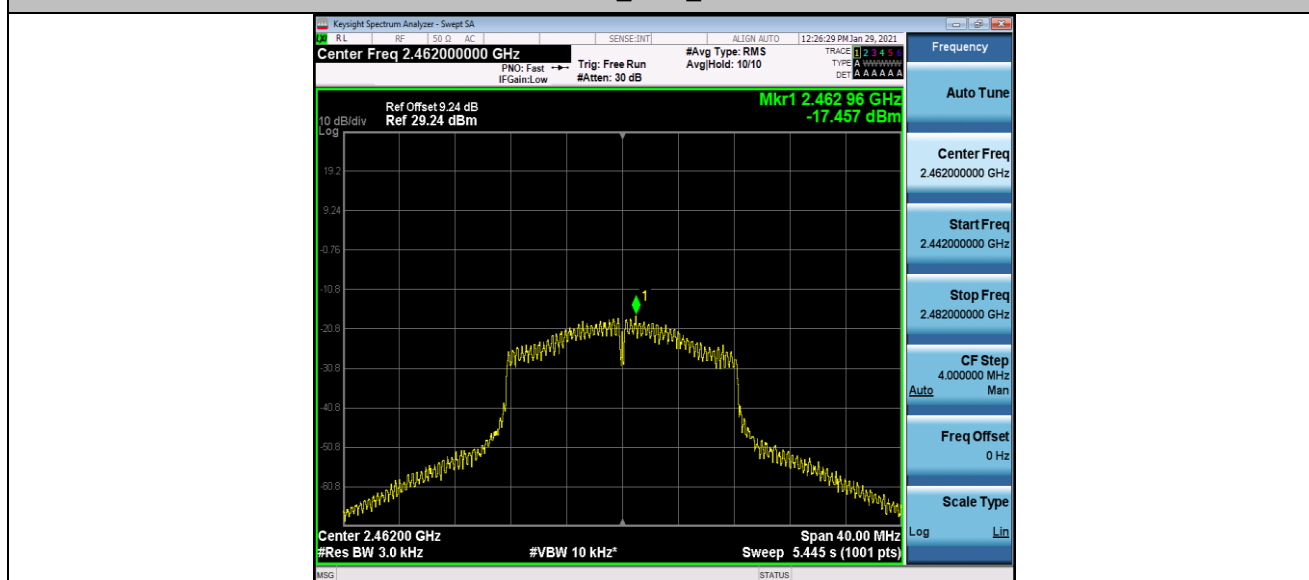
11G\_Ant1\_2412



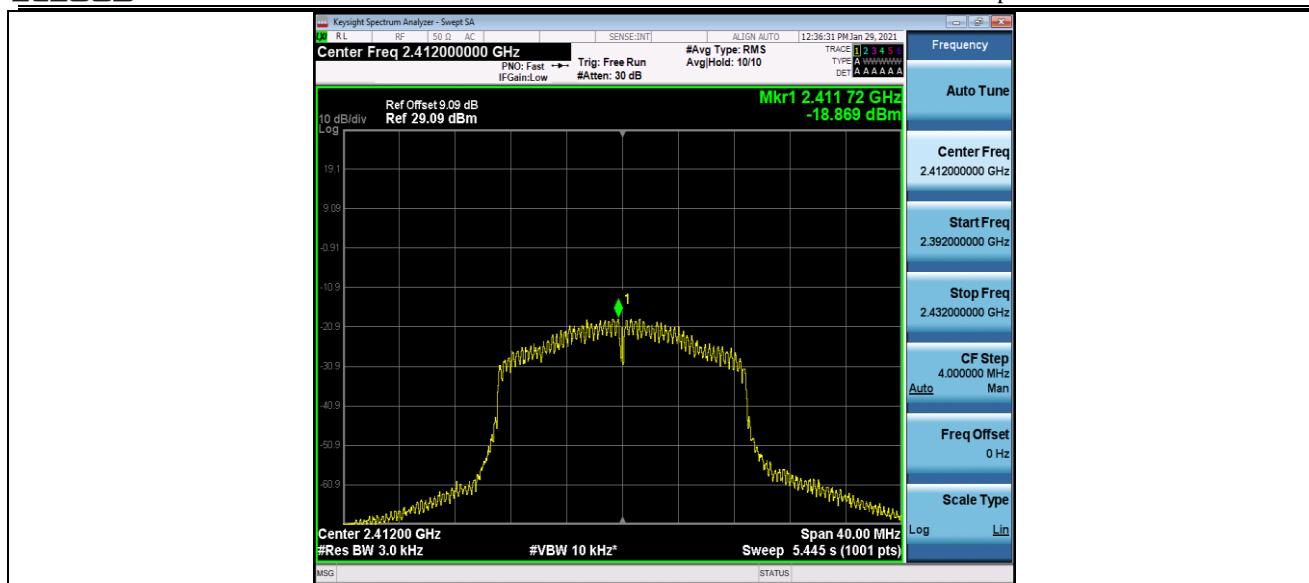
11G\_Ant1\_2437



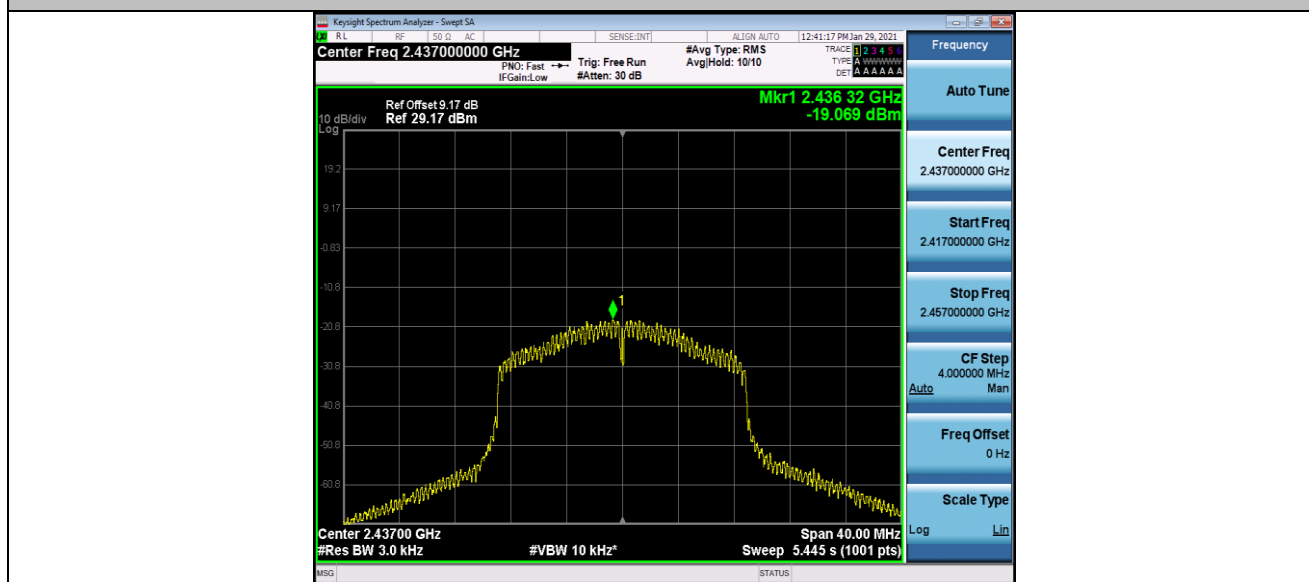
11G\_Ant1\_2462



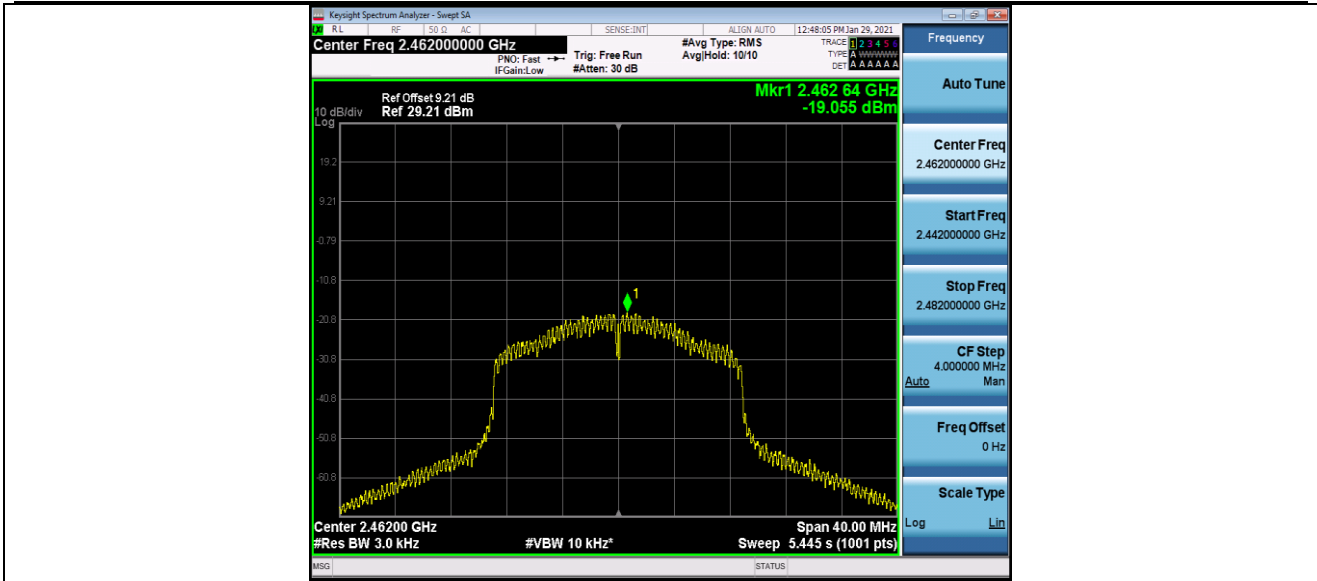
11N20SISO\_Ant1\_2412



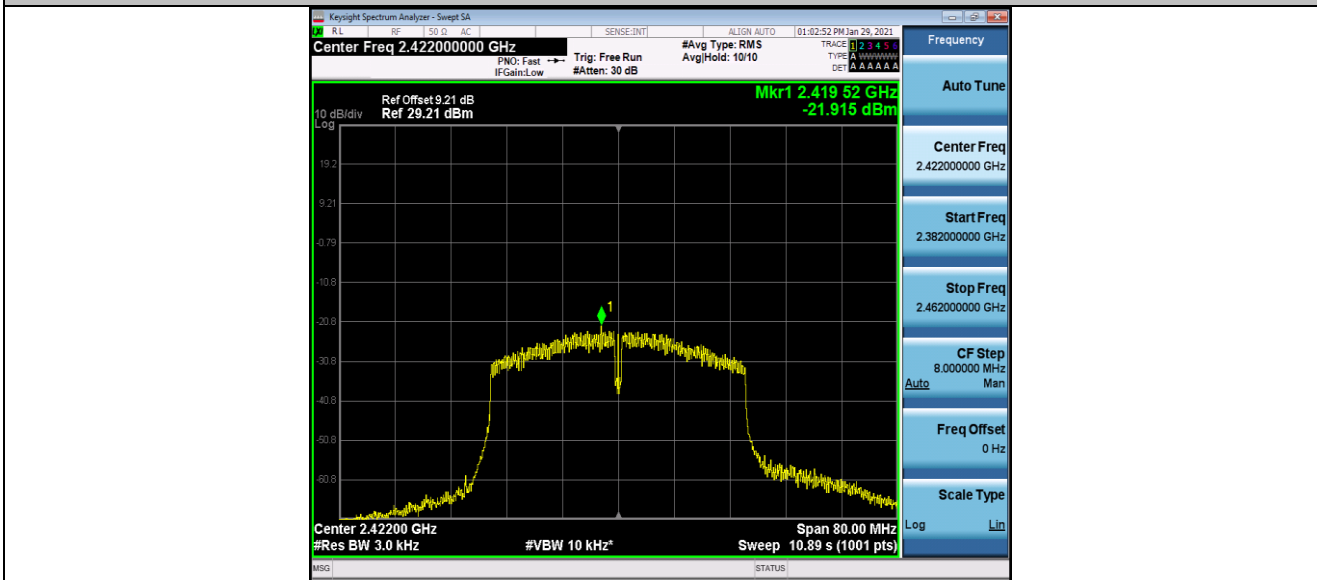
11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

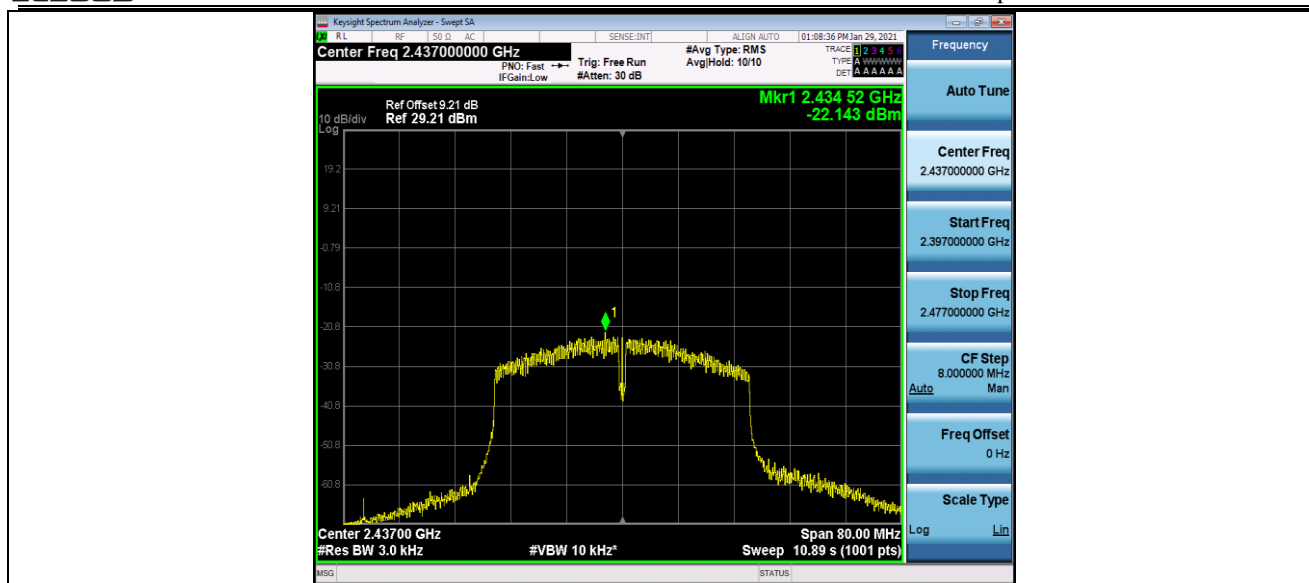


11N40SISO\_Ant1\_2422

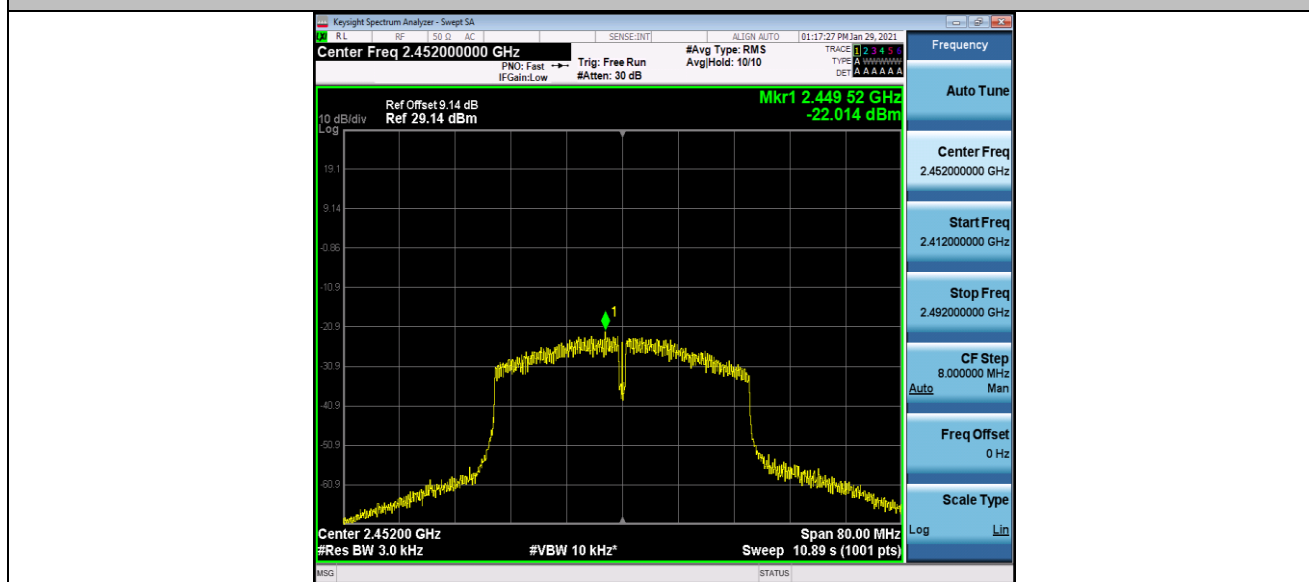


11N40SISO\_Ant1\_2437





11N40SISO\_Ant1\_2452



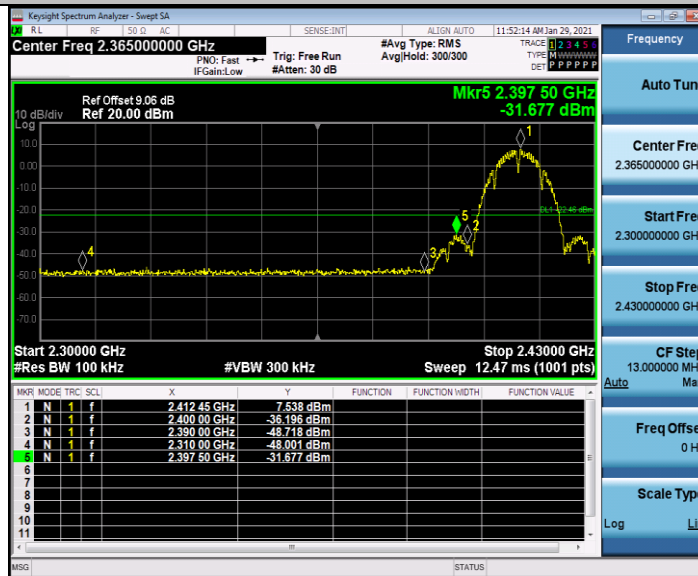
## Appendix F: Band edge measurements

### Test Result

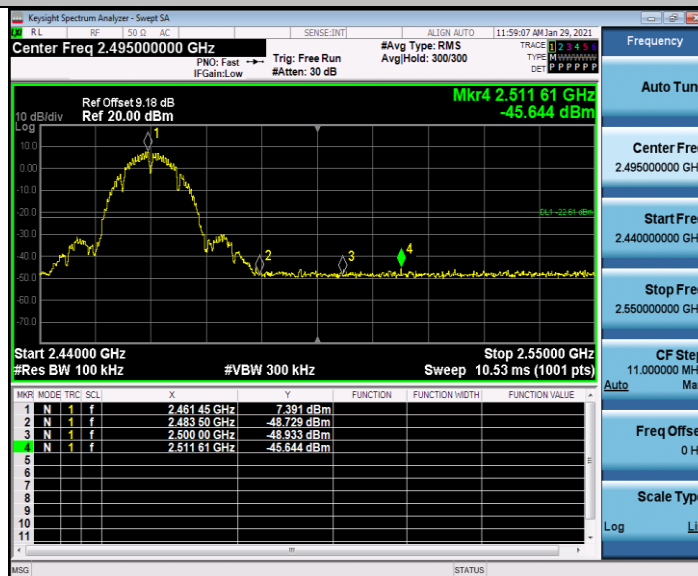
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.54	-31.68	<=-22.46	PASS
		High	2462	7.39	-45.64	<=-22.61	PASS
11G	Ant1	Low	2412	4.40	-35.9	<=-25.6	PASS
		High	2462	5.32	-41.41	<=-24.68	PASS
11N20SISO	Ant1	Low	2412	4.14	-37.11	<=-25.86	PASS
		High	2462	4.69	-44.33	<=-25.31	PASS
11N40SISO	Ant1	Low	2422	0.65	-38.11	<=-29.35	PASS
		High	2452	0.58	-34.33	<=-29.42	PASS

### Test Graphs

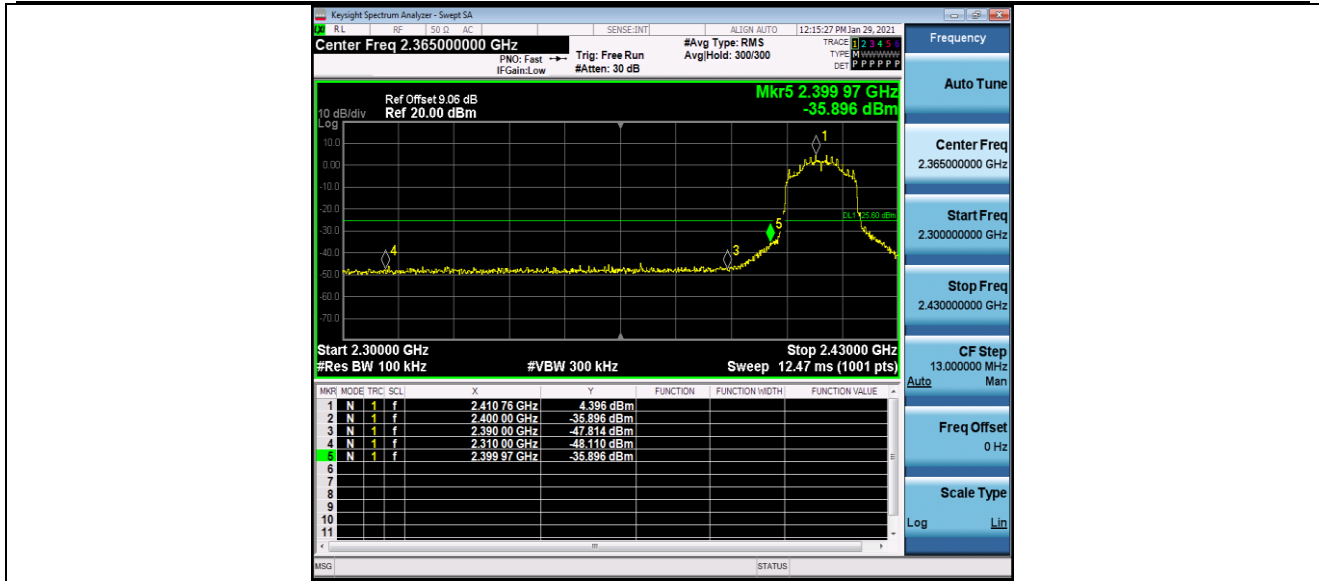
11B\_Ant1\_Low\_2412



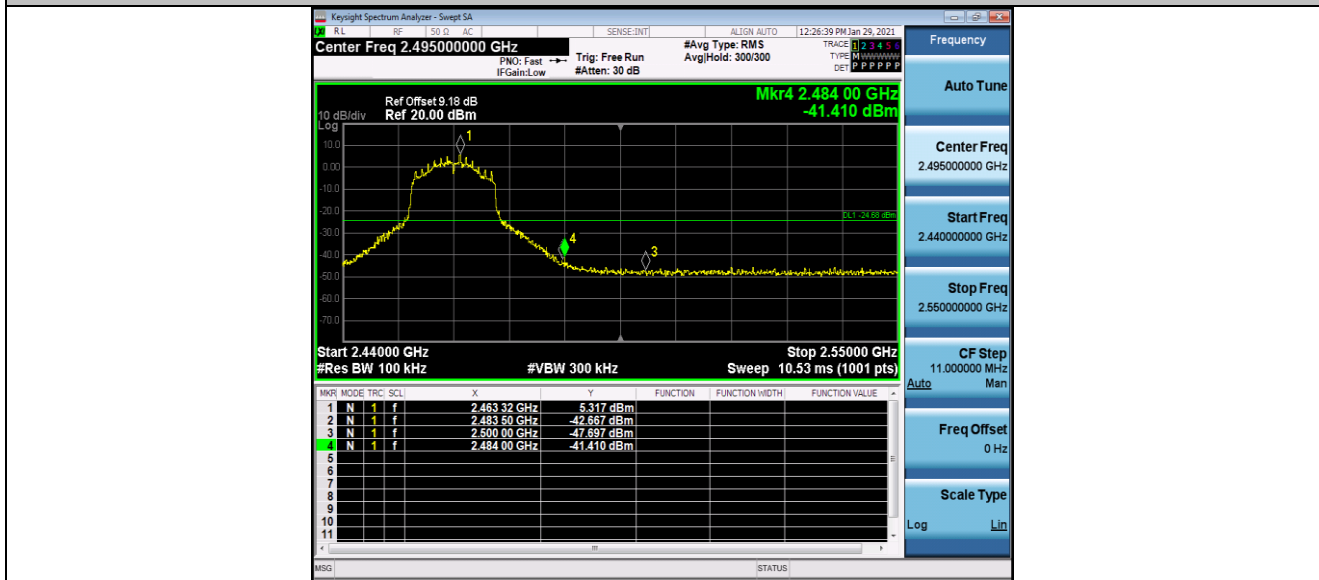
11B\_Ant1\_High\_2462



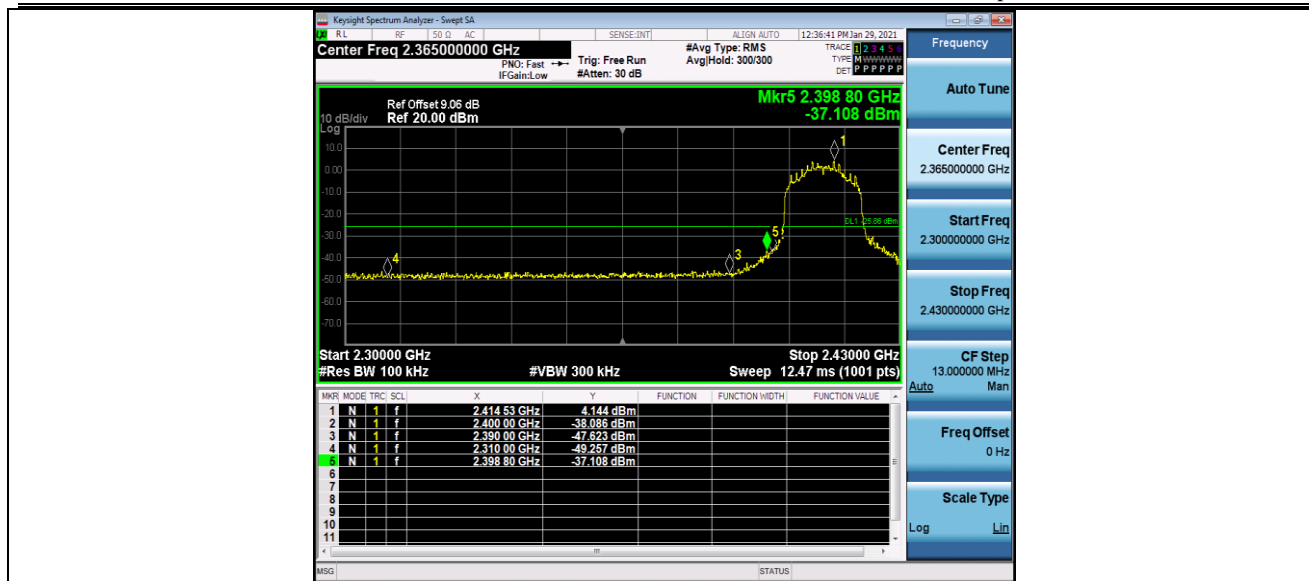
11G\_Ant1\_Low\_2412



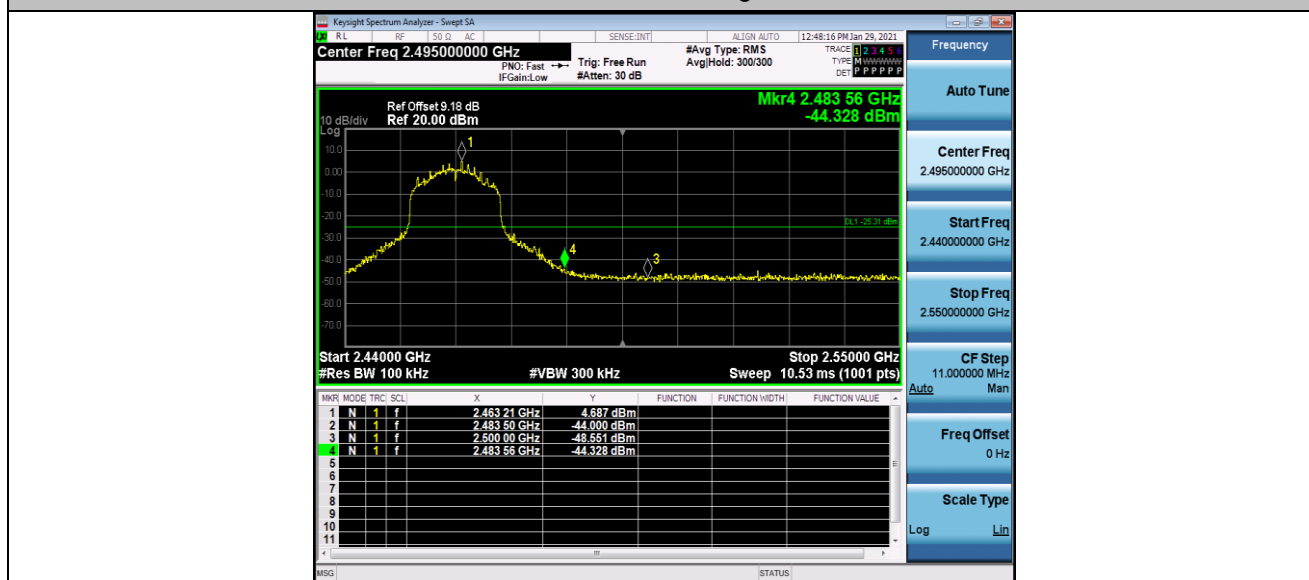
11G\_Ant1\_High\_2462



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	7.57	7.57	---	PASS
			30~1000	30~1000	-56.889	<=-22.435	PASS
			1000~26500	1000~26500	-38.156	<=-22.435	PASS
		2437	Reference	7.00	7.00	---	PASS
			30~1000	30~1000	-57.002	<=-22.996	PASS
			1000~26500	1000~26500	-37.833	<=-22.996	PASS
		2462	Reference	6.51	6.51	---	PASS
			30~1000	30~1000	-57.379	<=-23.487	PASS
			1000~26500	1000~26500	-36.912	<=-23.487	PASS
11G	Ant1	2412	Reference	4.12	4.12	---	PASS
			30~1000	30~1000	-57.052	<=-25.876	PASS
			1000~26500	1000~26500	-37.501	<=-25.876	PASS
		2437	Reference	3.84	3.84	---	PASS
			30~1000	30~1000	-57.389	<=-26.156	PASS
			1000~26500	1000~26500	-36.964	<=-26.156	PASS
		2462	Reference	4.76	4.76	---	PASS
			30~1000	30~1000	-56.988	<=-25.235	PASS
			1000~26500	1000~26500	-37.566	<=-25.235	PASS
11N20SISO	Ant1	2412	Reference	4.56	4.56	---	PASS
			30~1000	30~1000	-56.905	<=-25.444	PASS
			1000~26500	1000~26500	-37.014	<=-25.444	PASS
		2437	Reference	4.51	4.51	---	PASS
			30~1000	30~1000	-56.635	<=-25.495	PASS
			1000~26500	1000~26500	-37.223	<=-25.495	PASS
		2462	Reference	4.69	4.69	---	PASS
			30~1000	30~1000	-57.241	<=-25.306	PASS
			1000~26500	1000~26500	-37.197	<=-25.306	PASS
11N40SISO	Ant1	2422	Reference	0.45	0.45	---	PASS
			30~1000	30~1000	-56.597	<=-29.554	PASS
			1000~26500	1000~26500	-37.631	<=-29.554	PASS

		2437	Reference	0.45	0.45	---	PASS
			30~1000	30~1000	-56.992	<=-29.553	PASS
			1000~26500	1000~26500	-36.894	<=-29.553	PASS
		2452	Reference	0.20	0.20	---	PASS
			30~1000	30~1000	-57.315	<=-29.801	PASS
			1000~26500	1000~26500	-37.082	<=-29.801	PASS