

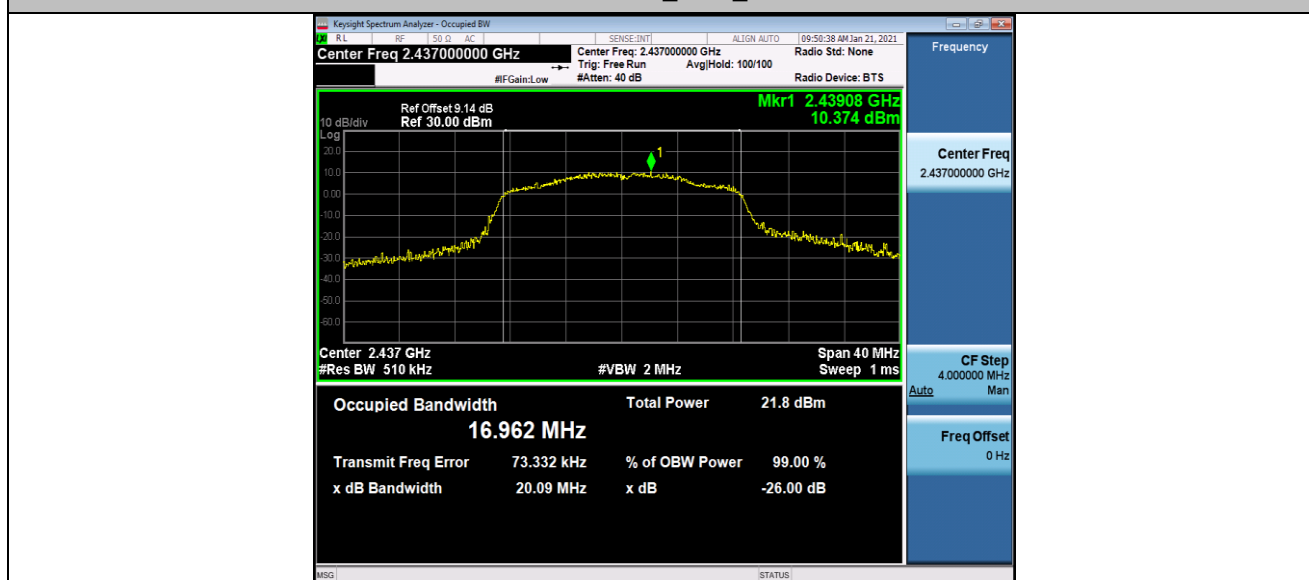
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



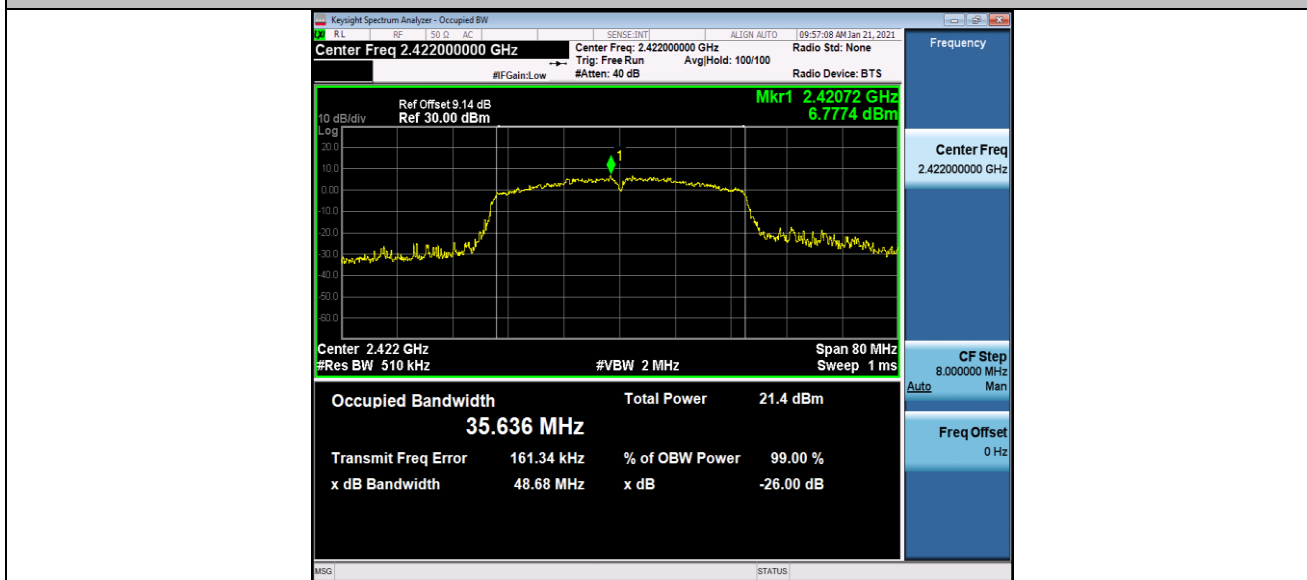
11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

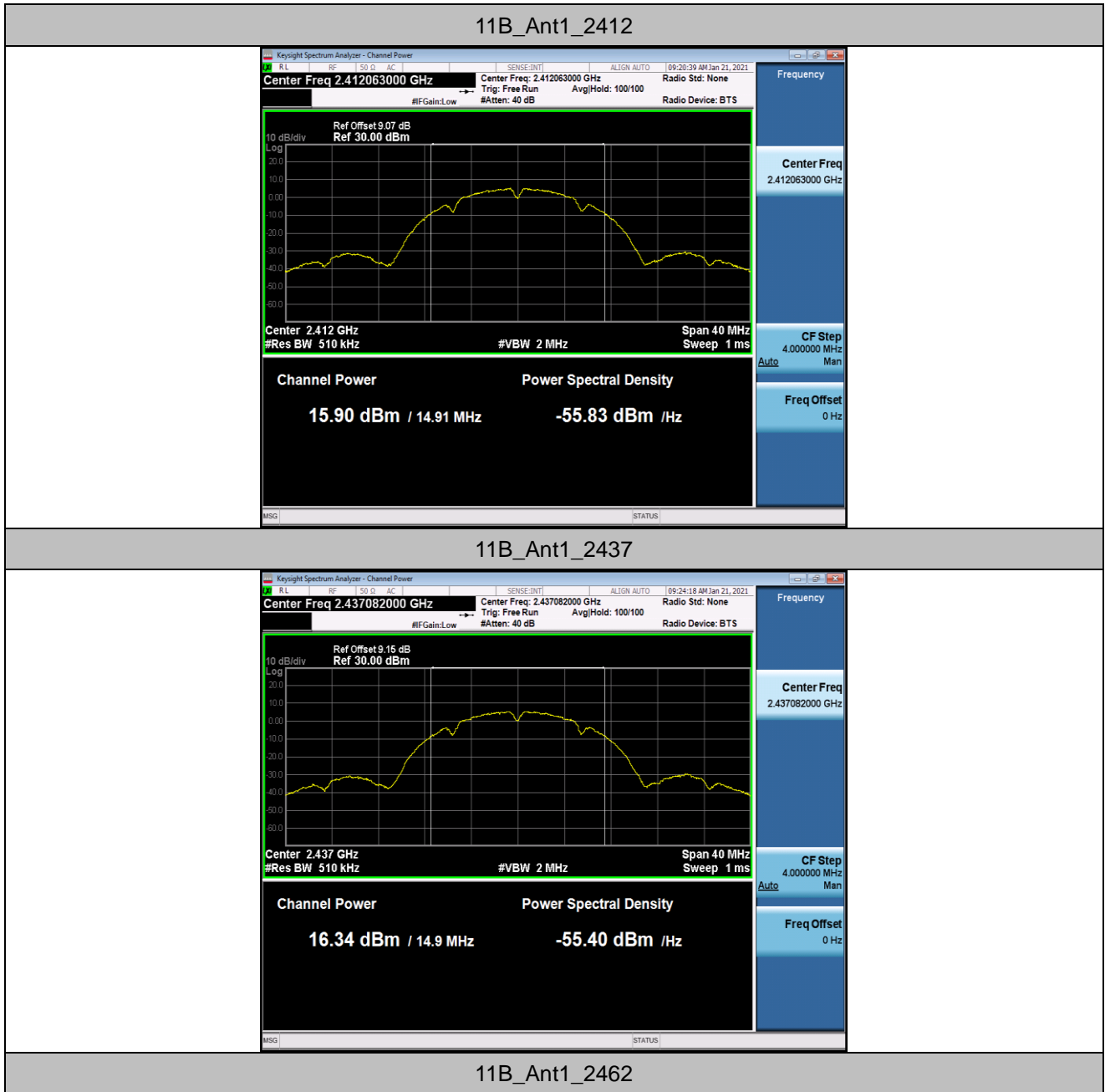


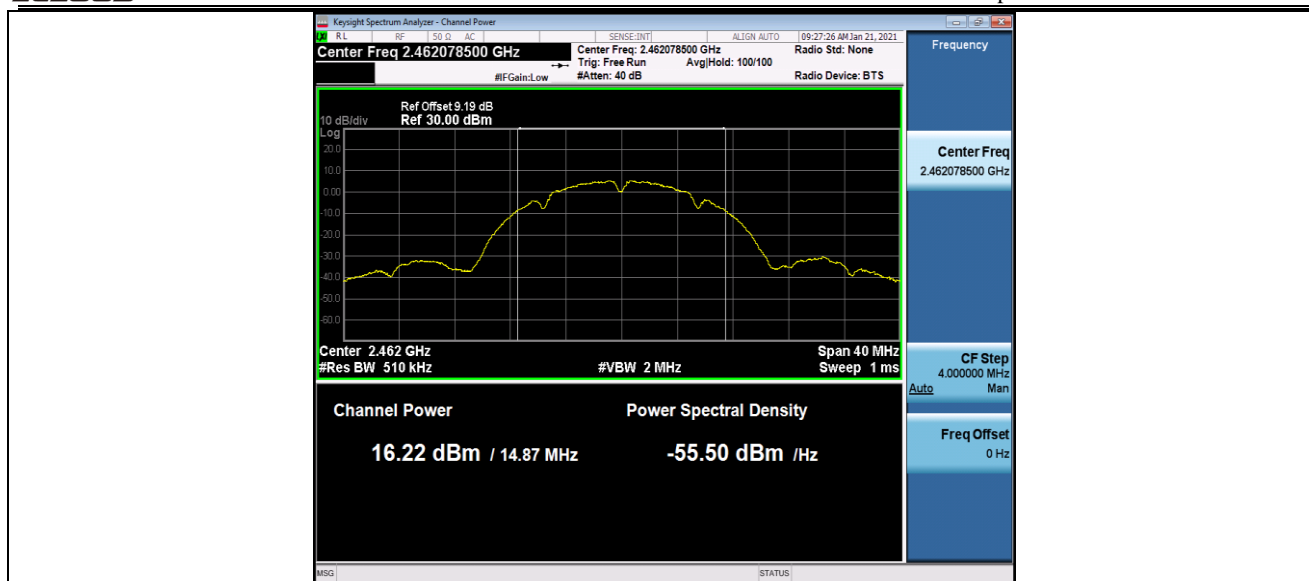
## Appendix C: Maximum conducted output power

### Test Result

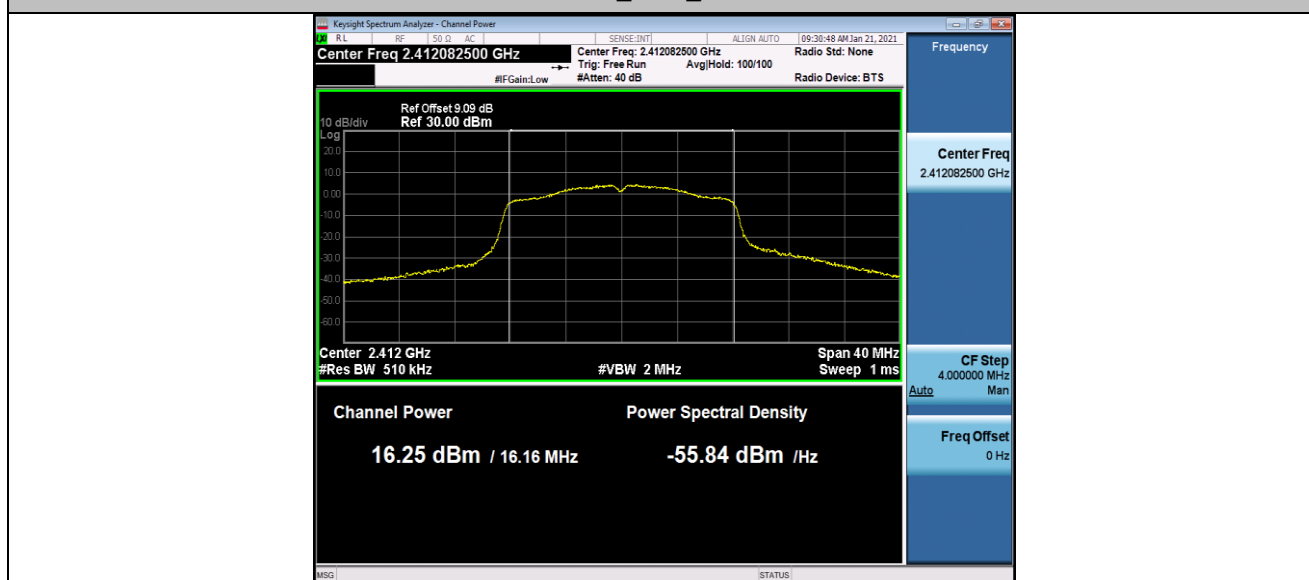
TestMode	Antenna	Channel	DT(%)	10 log (1/x)	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	99.76	-	15.90	14.9	<=30	PASS
		2437	99.76	-	16.34	15.34	<=30	PASS
		2462	99.76	-	16.22	15.22	<=30	PASS
11G	Ant1	2412	99.29	-	16.25	15.25	<=30	PASS
		2437	98.58	-	16.69	15.69	<=30	PASS
		2462	98.58	-	16.93	15.93	<=30	PASS
11N20SISO	Ant1	2412	99.24	-	14.96	13.96	<=30	PASS
		2437	99.24	-	15.52	14.52	<=30	PASS
		2462	99.24	-	15.39	14.39	<=30	PASS
11N40SISO	Ant1	2422	96.97	0.13	15.25	14.25	<=30	PASS
		2437	96.97	0.13	15.02	14.02	<=30	PASS
		2452	96.97	0.13	14.71	13.71	<=30	PASS

### Test Graphs

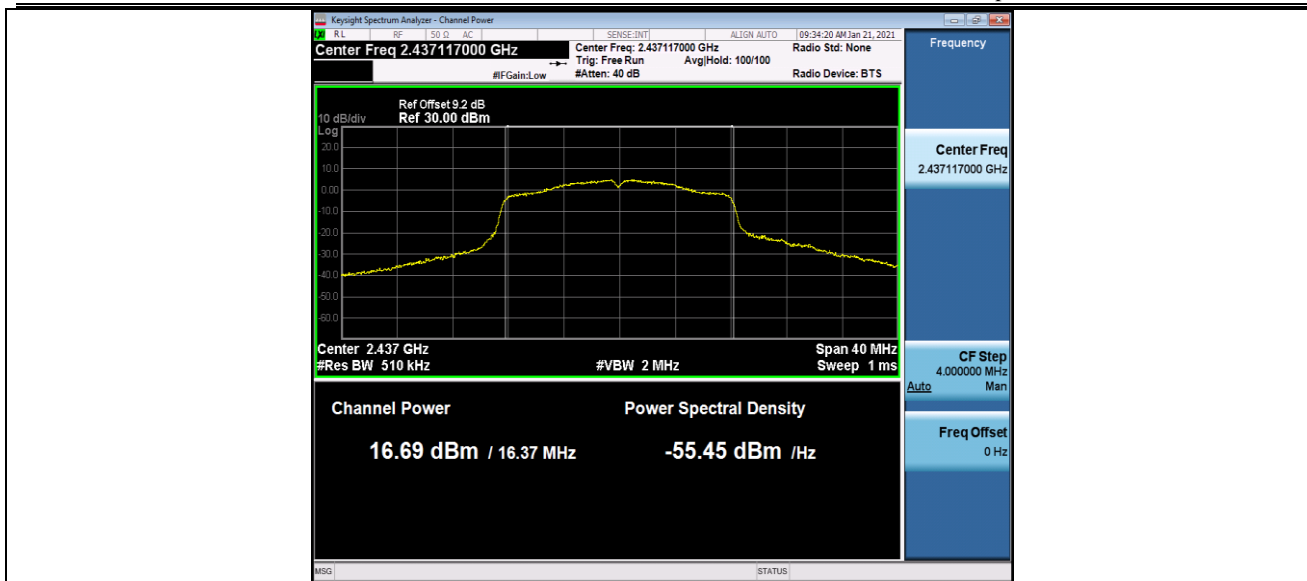




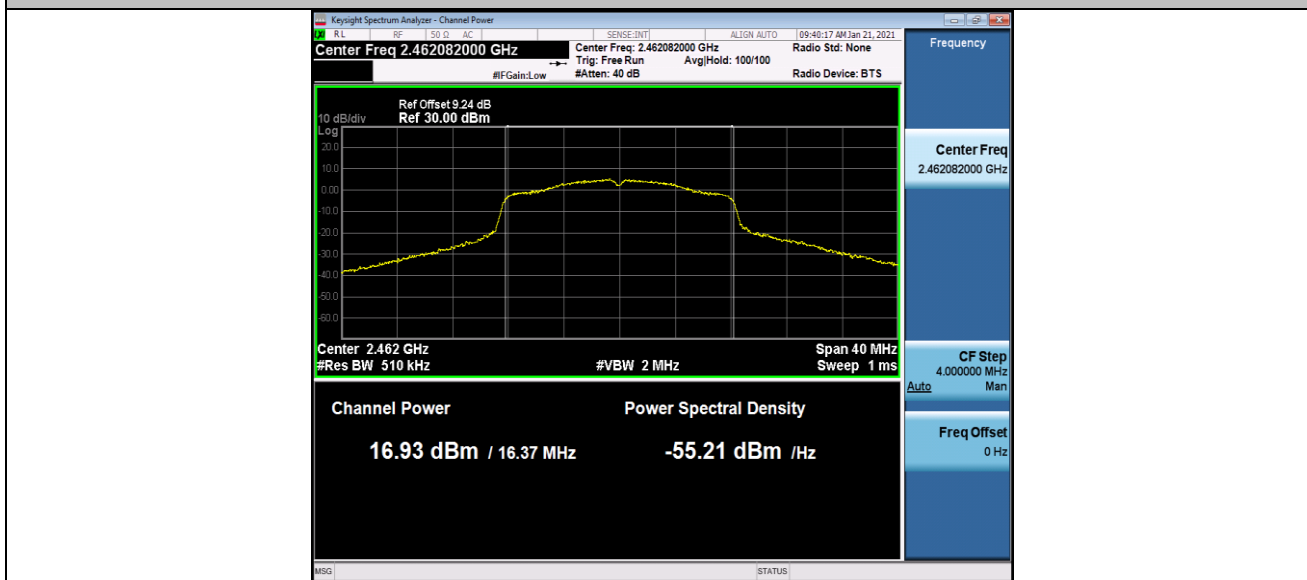
11G\_Ant1\_2412



11G\_Ant1\_2437

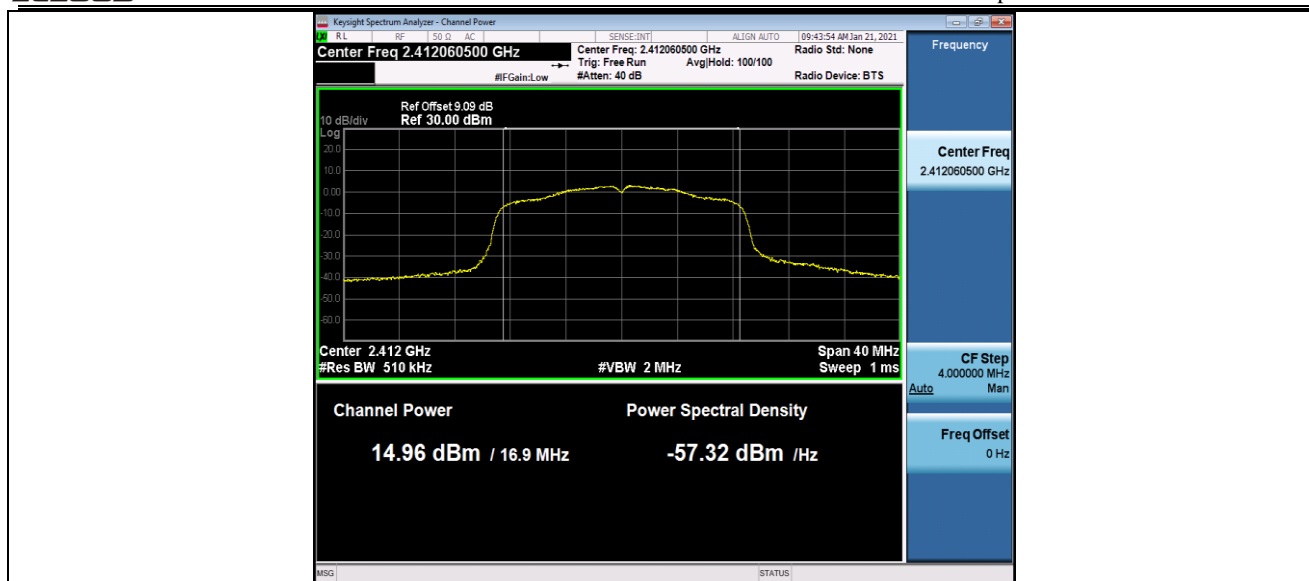


11G\_Ant1\_2462

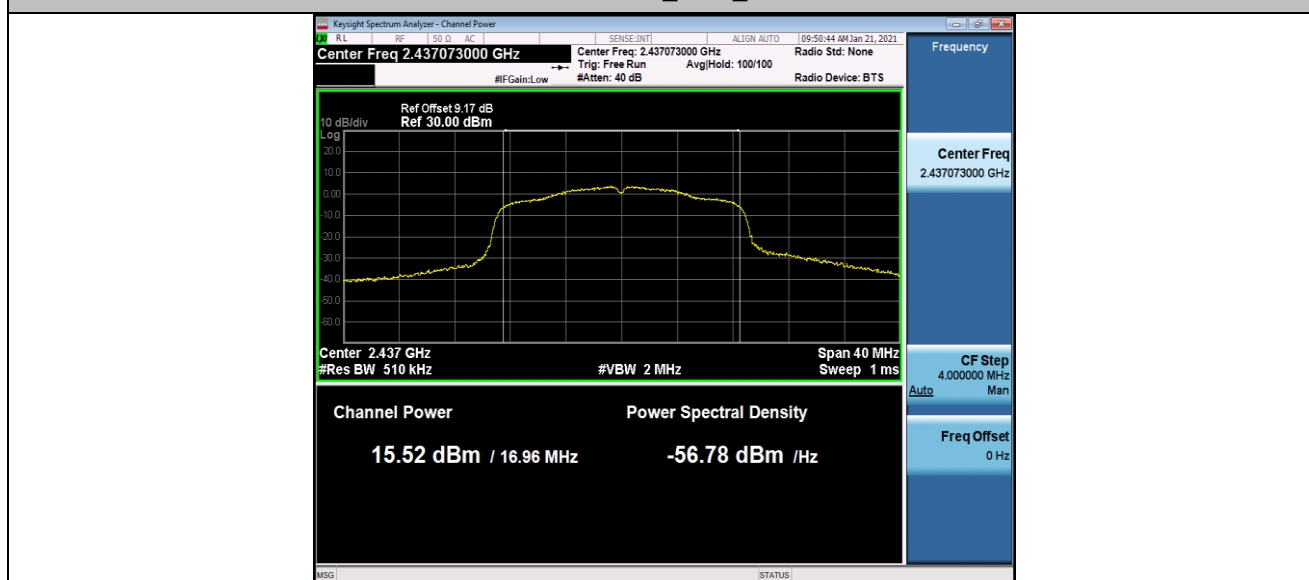


11N20SISO\_Ant1\_2412

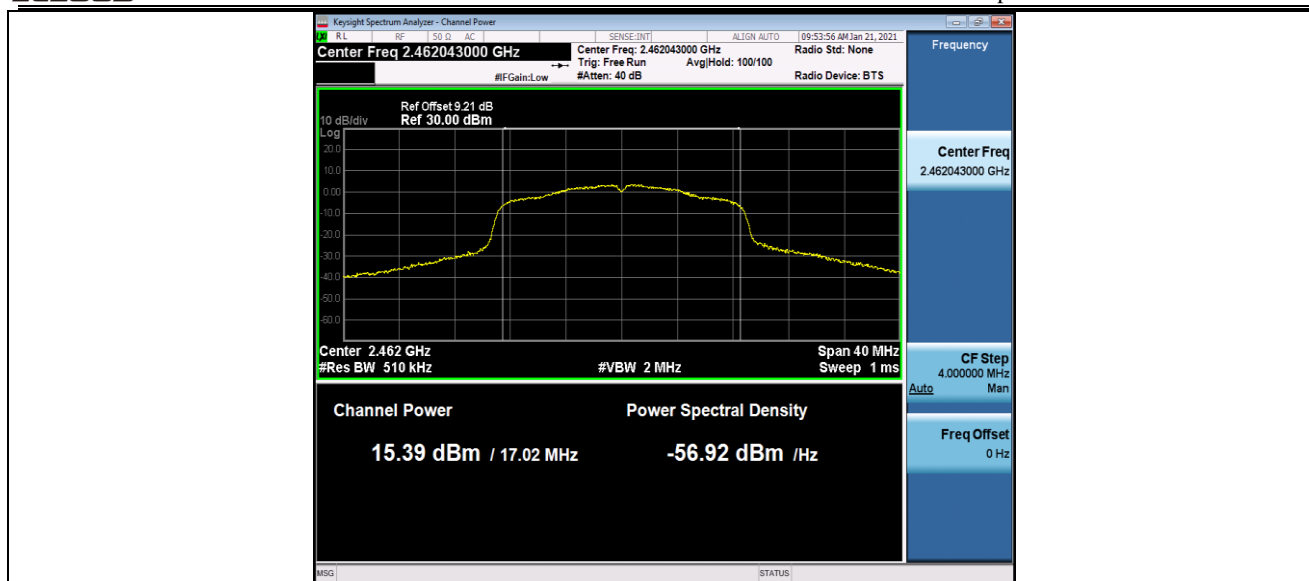




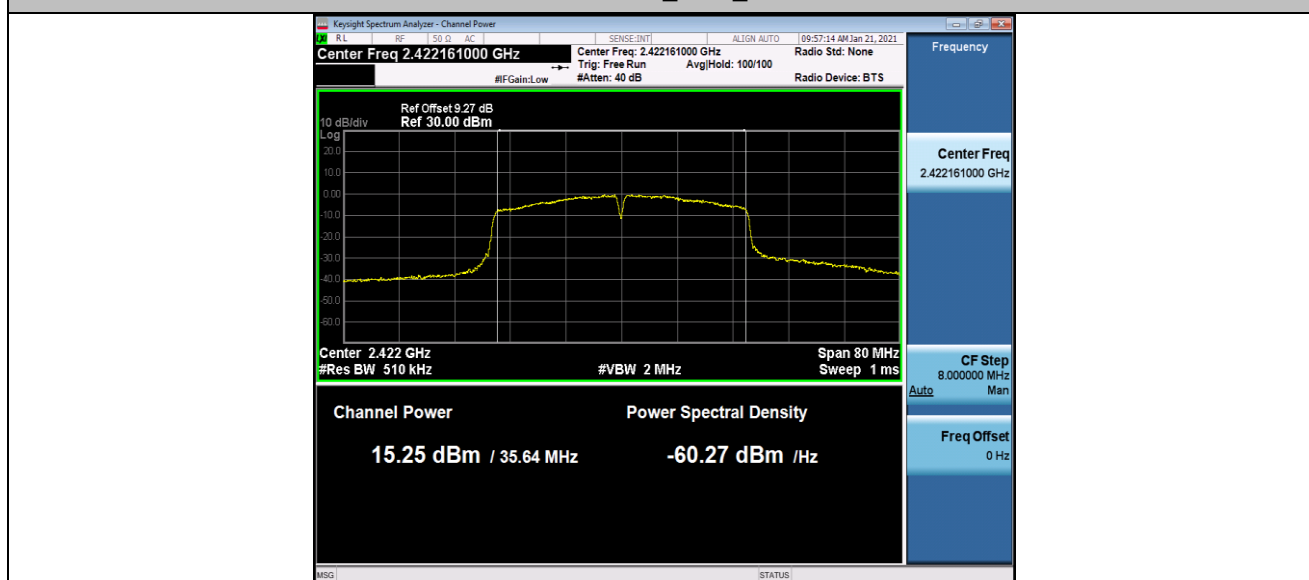
11N20SISO\_Ant1\_2437



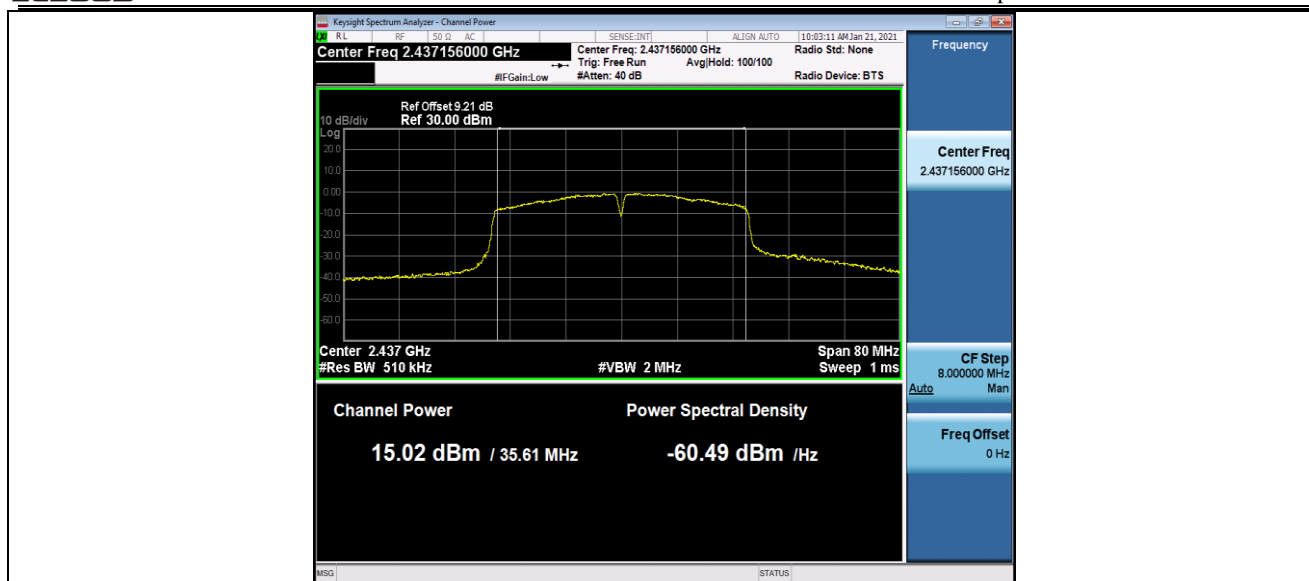
11N20SISO\_Ant1\_2462



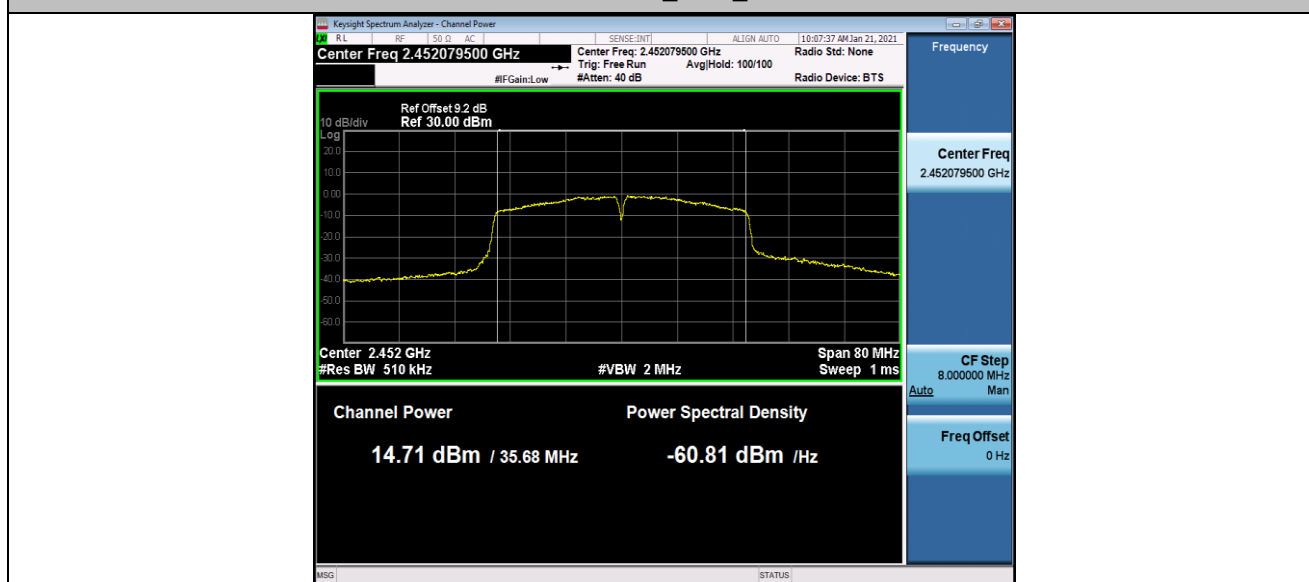
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



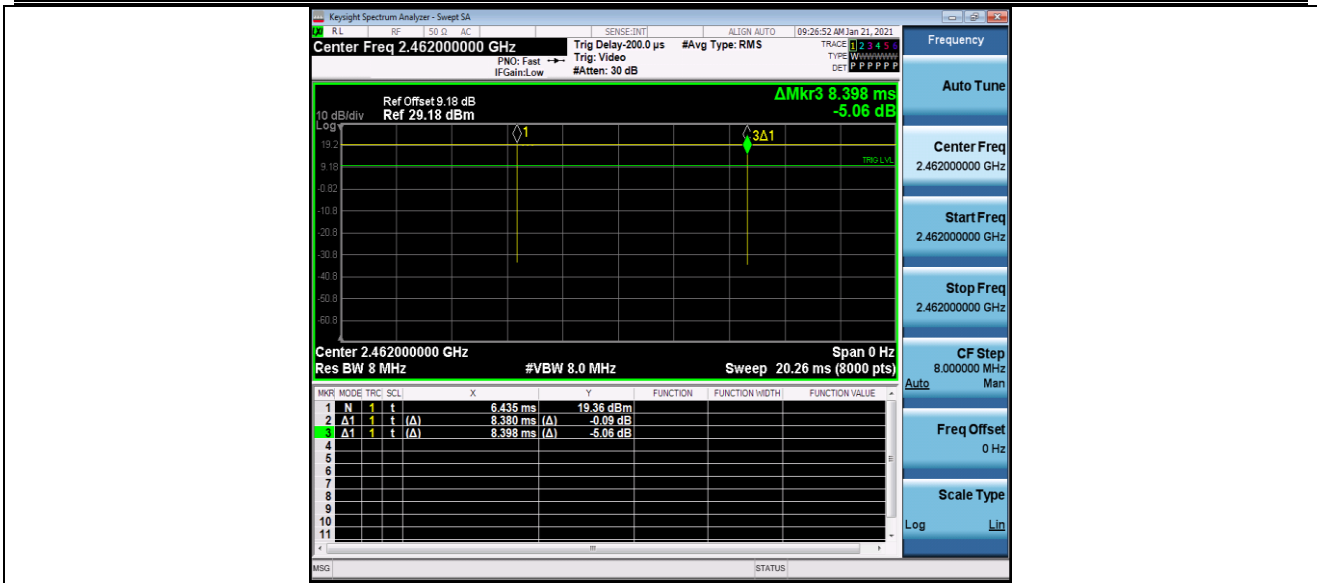
## Appendix D: Duty Cycle

### Test Result

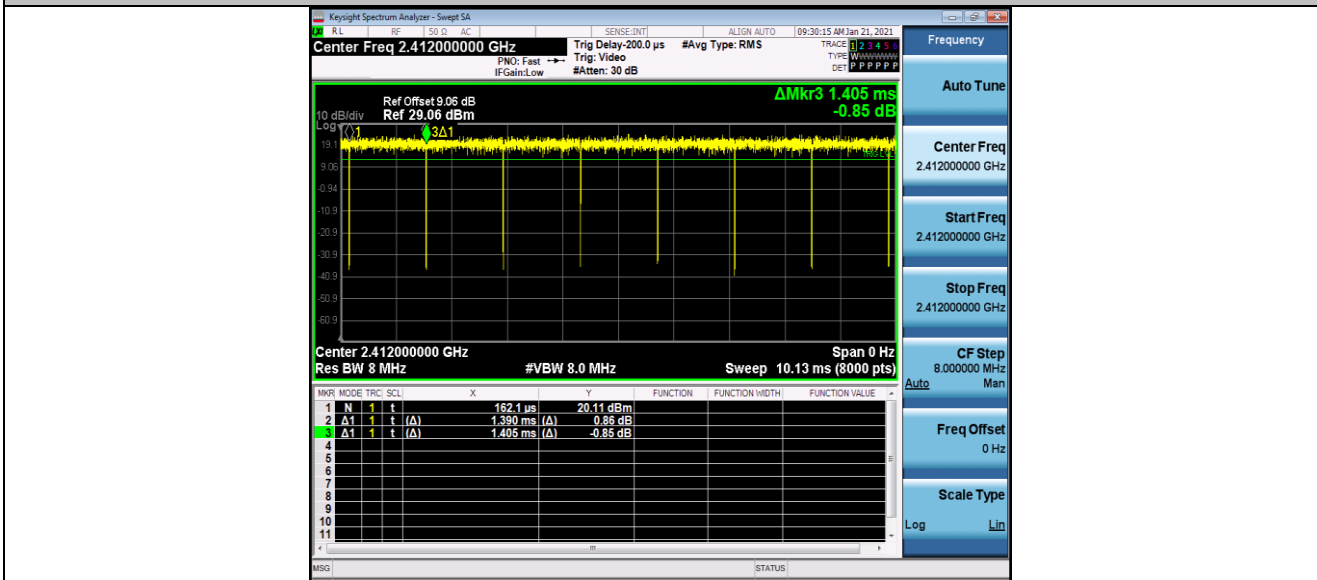
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.40	99.76	---	PASS
		2437	8.38	8.40	99.76	---	PASS
		2462	8.38	8.40	99.76	---	PASS
11G	Ant1	2412	1.39	1.40	99.29	---	PASS
		2437	1.39	1.41	98.58	---	PASS
		2462	1.39	1.41	98.58	---	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	0.64	0.66	96.97	---	PASS
		2437	0.64	0.66	96.97	---	PASS
		2452	0.64	0.66	96.97	---	PASS

### Test Graphs

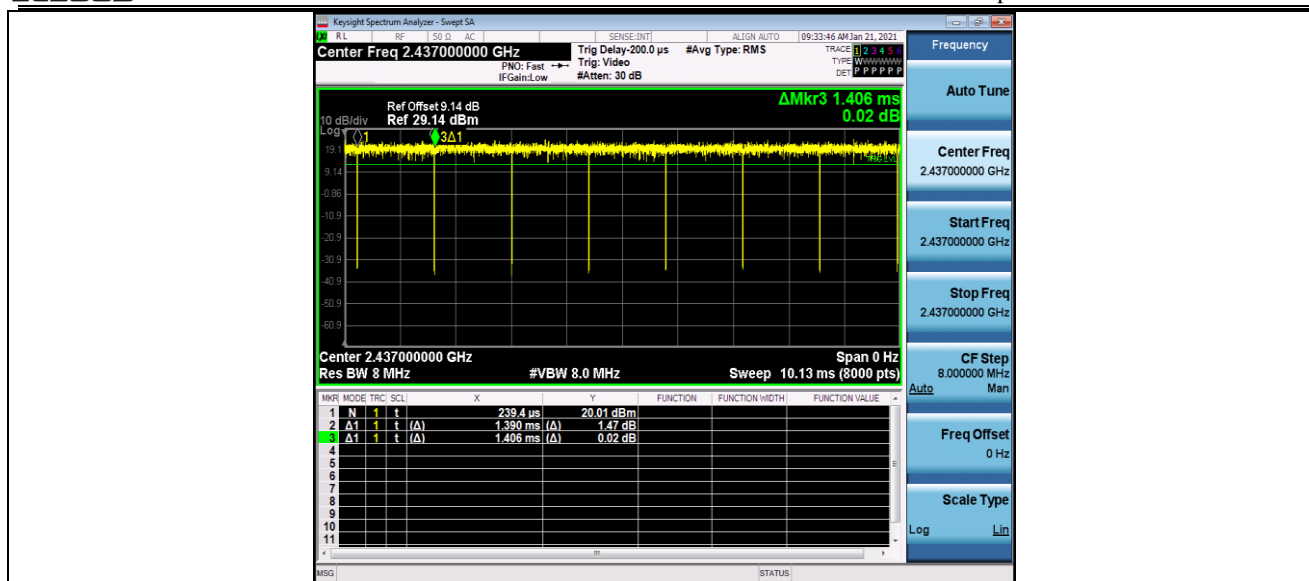




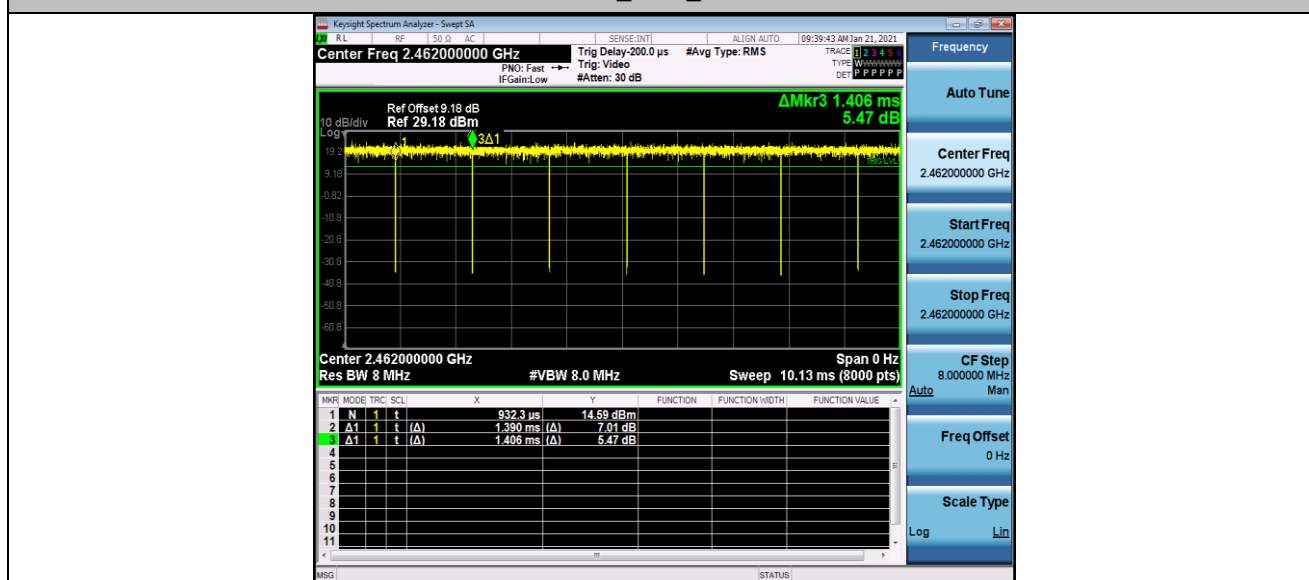
11G\_Ant1\_2412



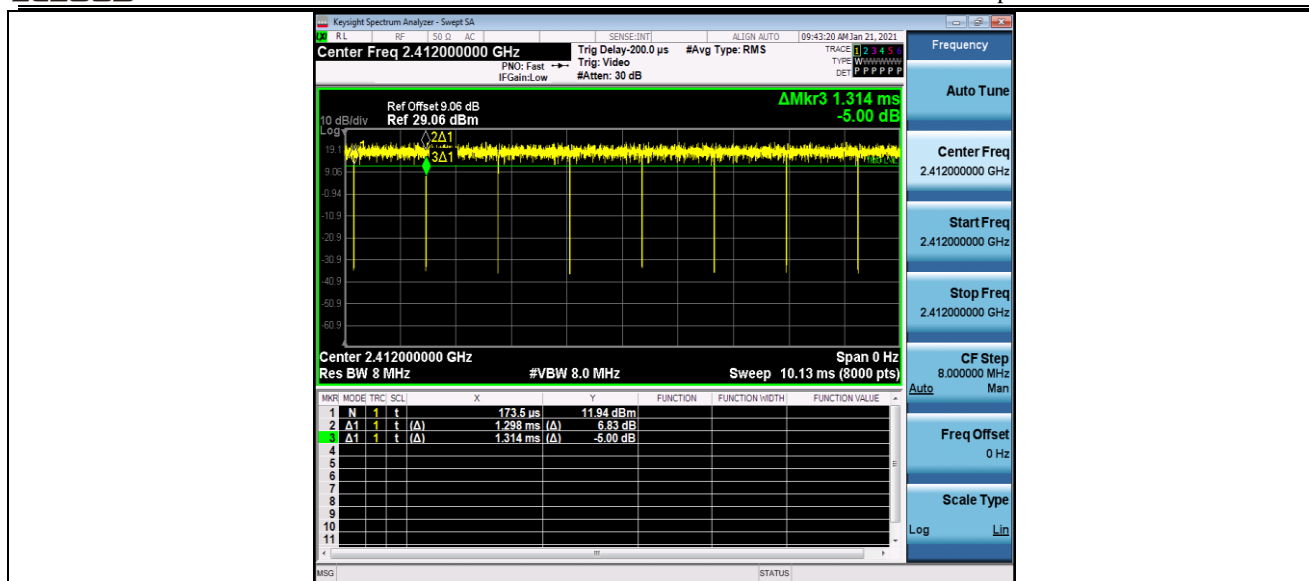
11G\_Ant1\_2437



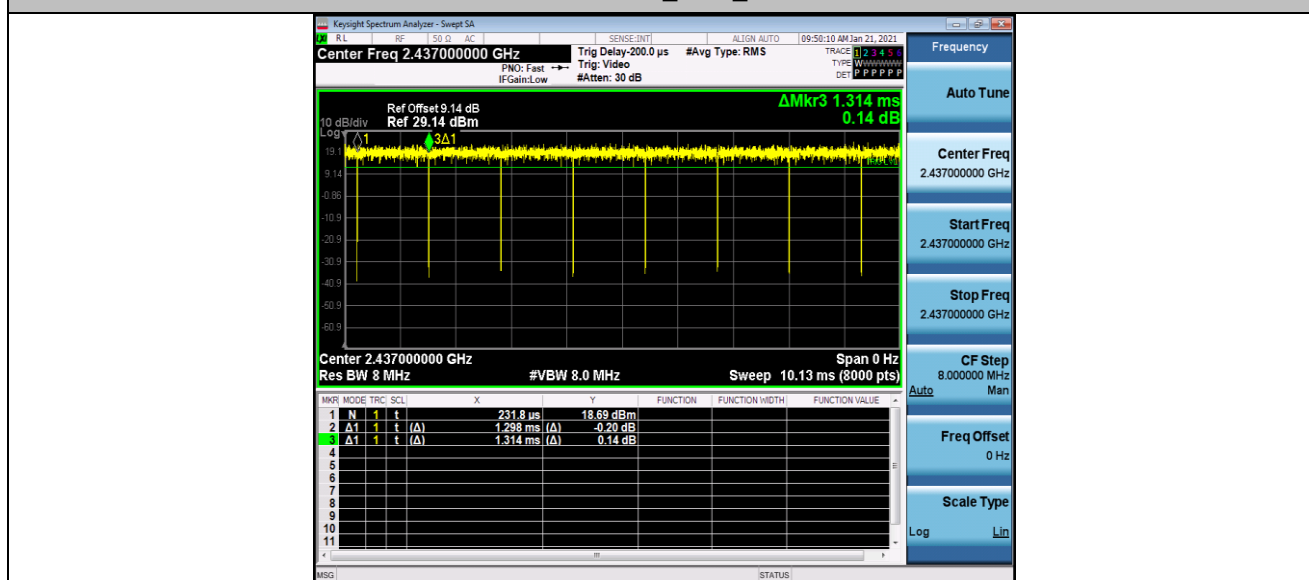
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412

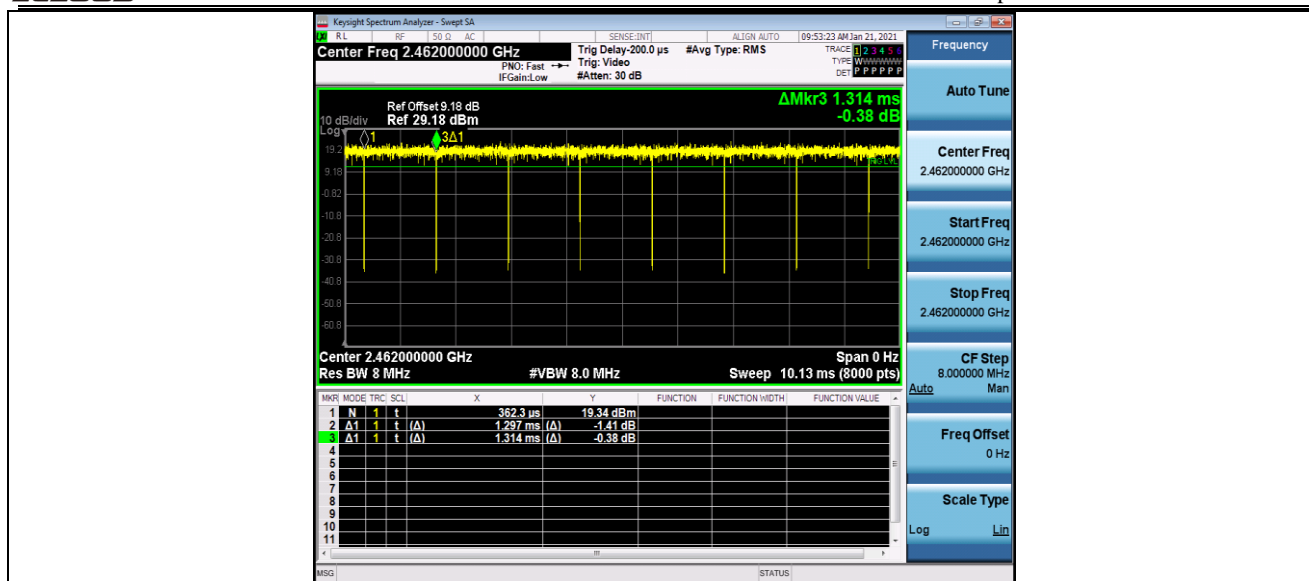


11N20SISO\_Ant1\_2437

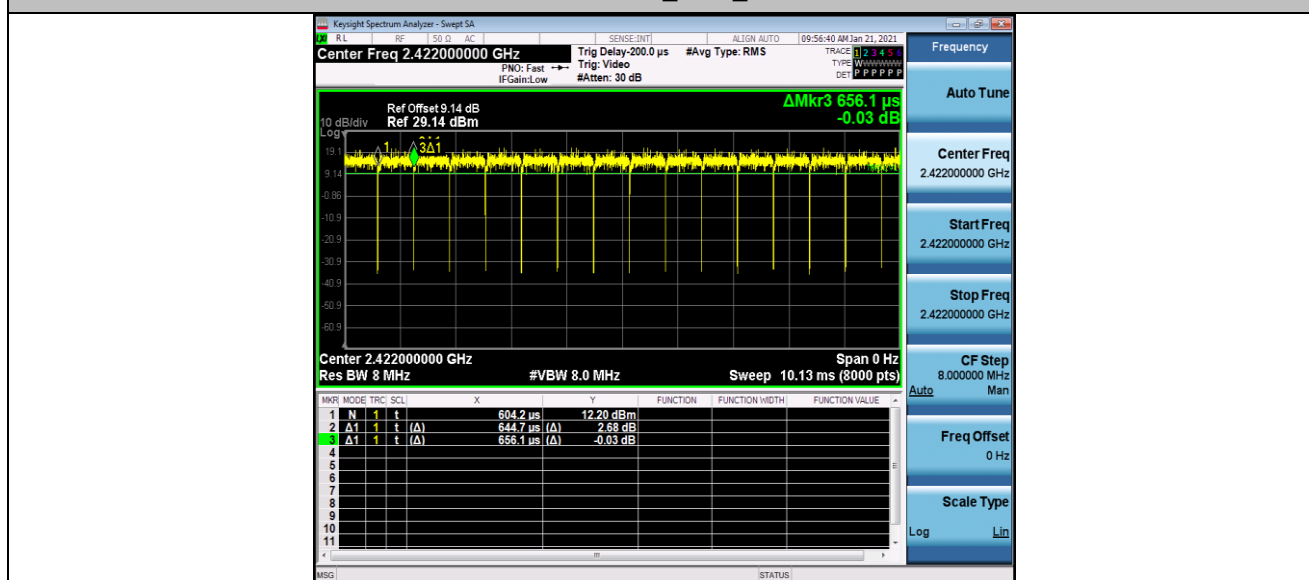


11N20SISO\_Ant1\_2462

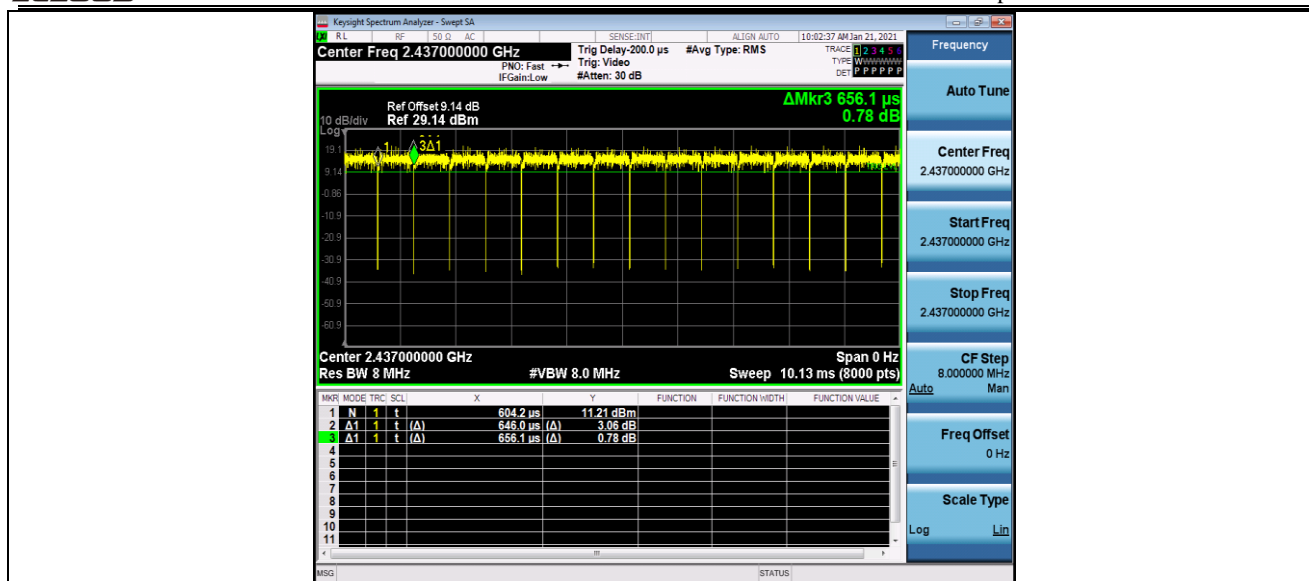




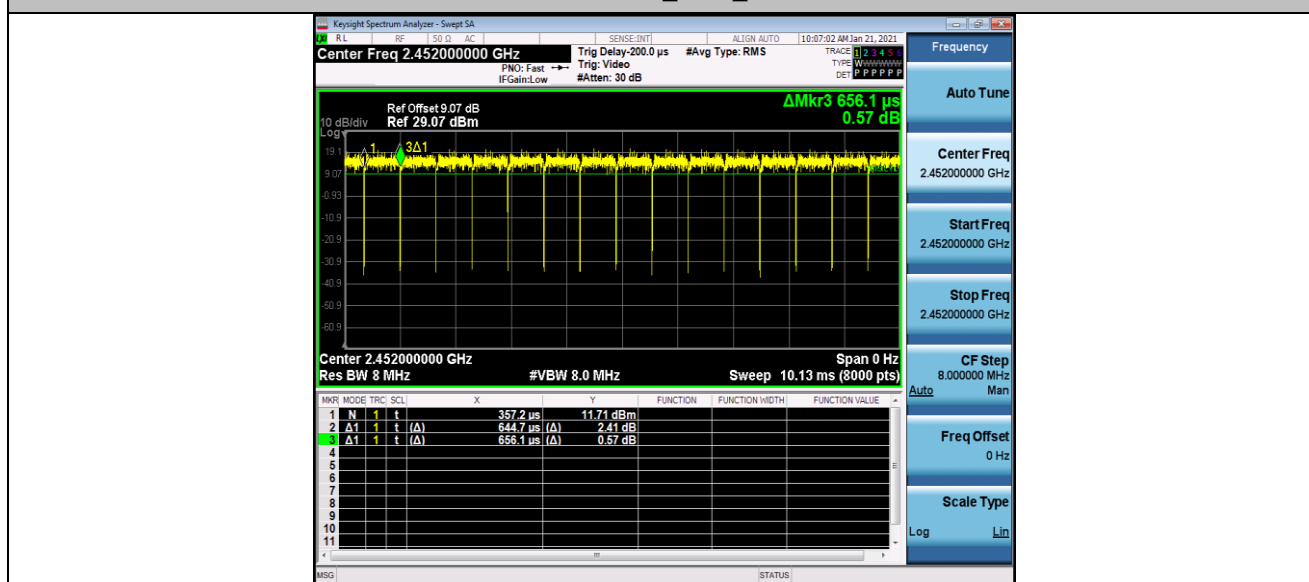
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

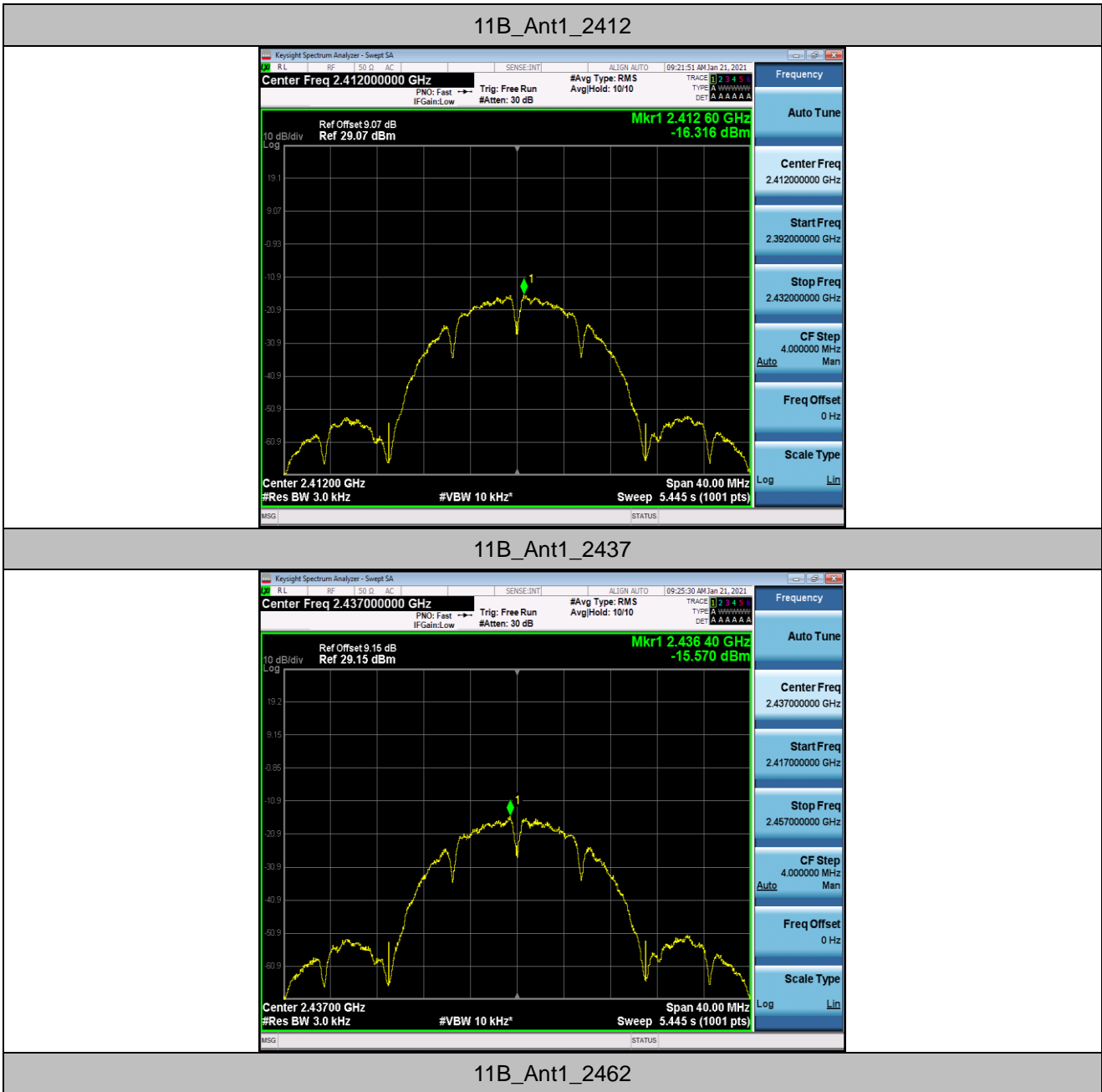


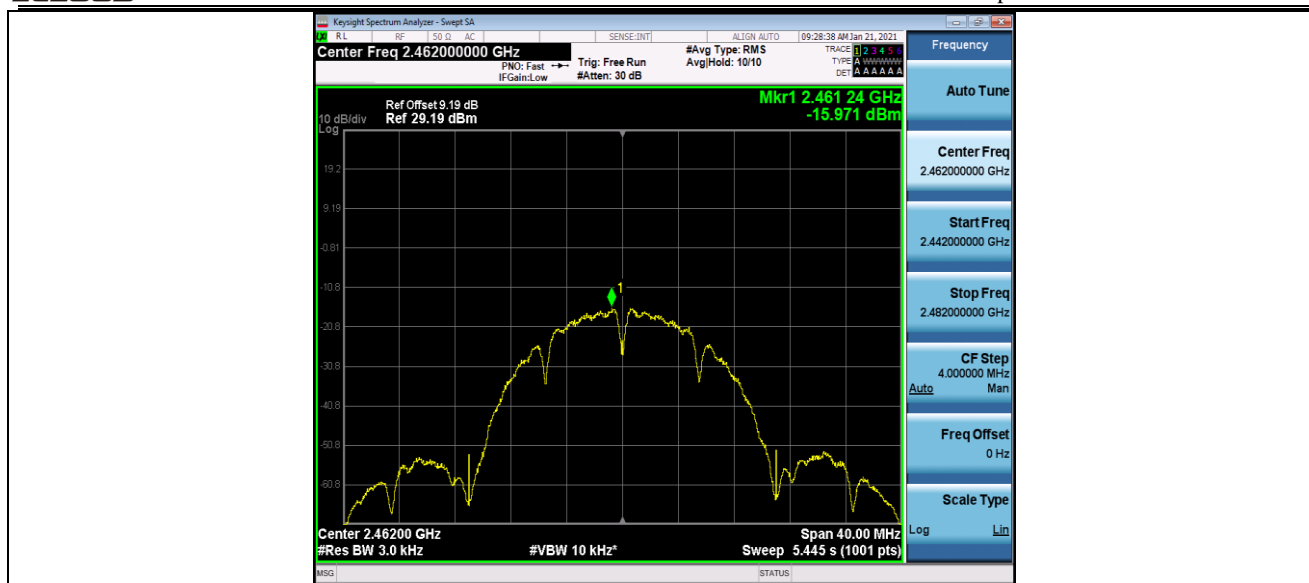
## Appendix E: Maximum power spectral density

### Test Result

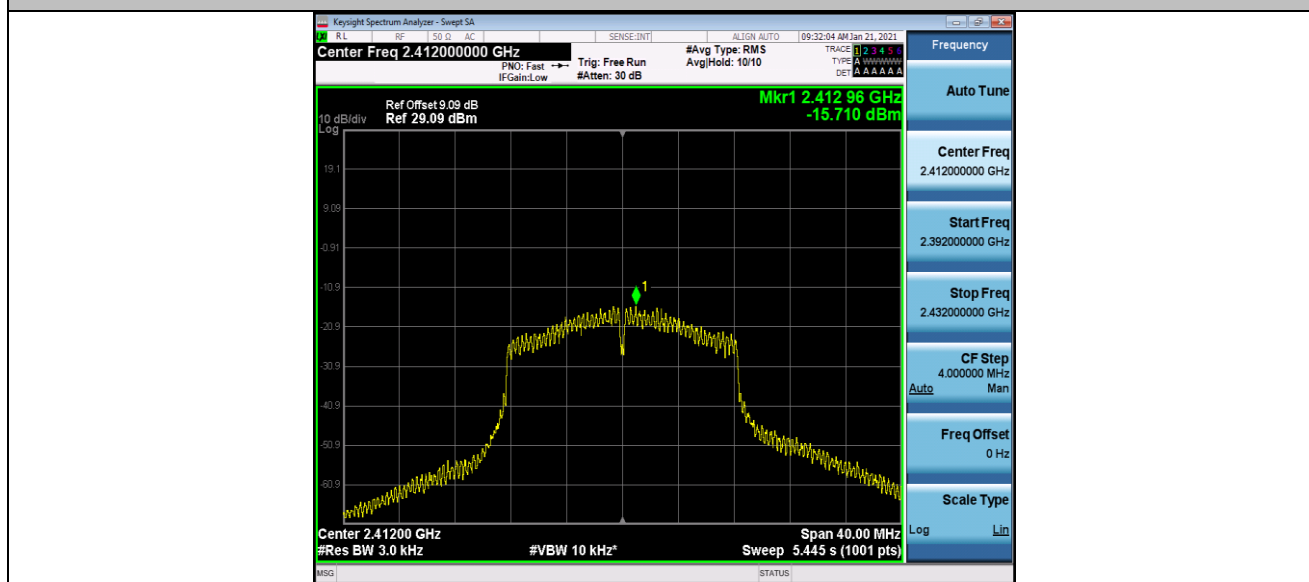
TestMode	Antenna	Channel	DT(%)	10 log (1/x)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	99.76	-	-16.32	<=8	PASS
		2437	99.76	-	-15.57	<=8	PASS
		2462	99.76	-	-15.97	<=8	PASS
11G	Ant1	2412	99.29	-	-15.71	<=8	PASS
		2437	98.58	-	-15.89	<=8	PASS
		2462	98.58	-	-15.39	<=8	PASS
11N20SISO	Ant1	2412	99.24	-	-17.57	<=8	PASS
		2437	99.24	-	-17.16	<=8	PASS
		2462	99.24	-	-17.07	<=8	PASS
11N40SISO	Ant1	2422	96.97	0.13	-19.99	<=8	PASS
		2437	96.97	0.13	-19.9	<=8	PASS
		2452	96.97	0.13	-20.12	<=8	PASS

### Test Graphs

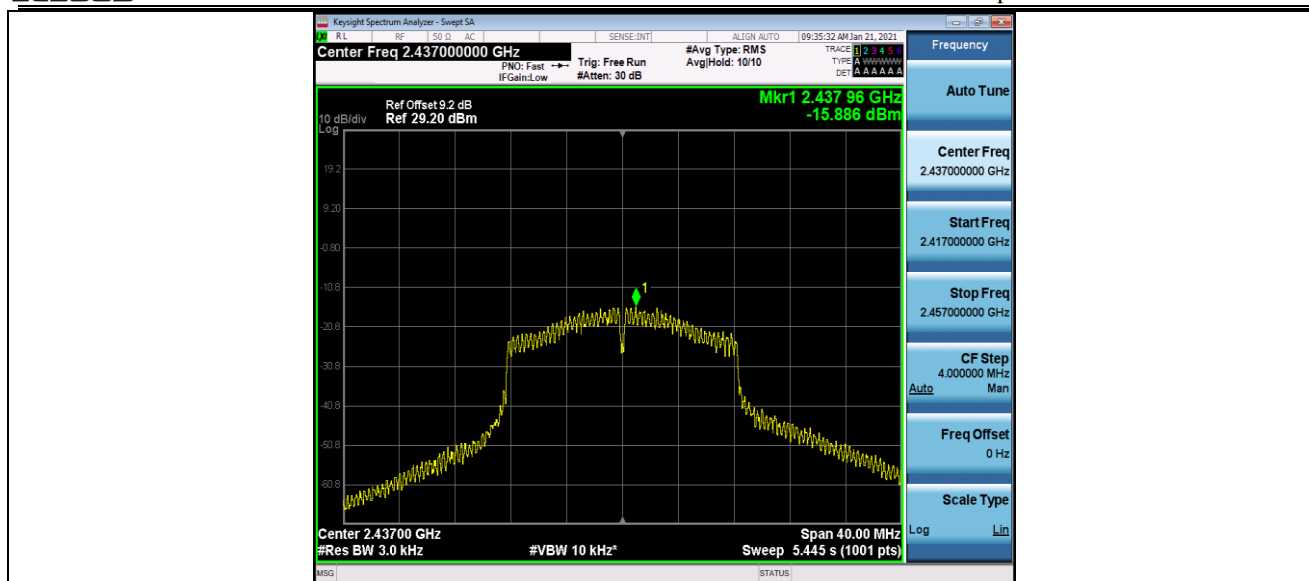




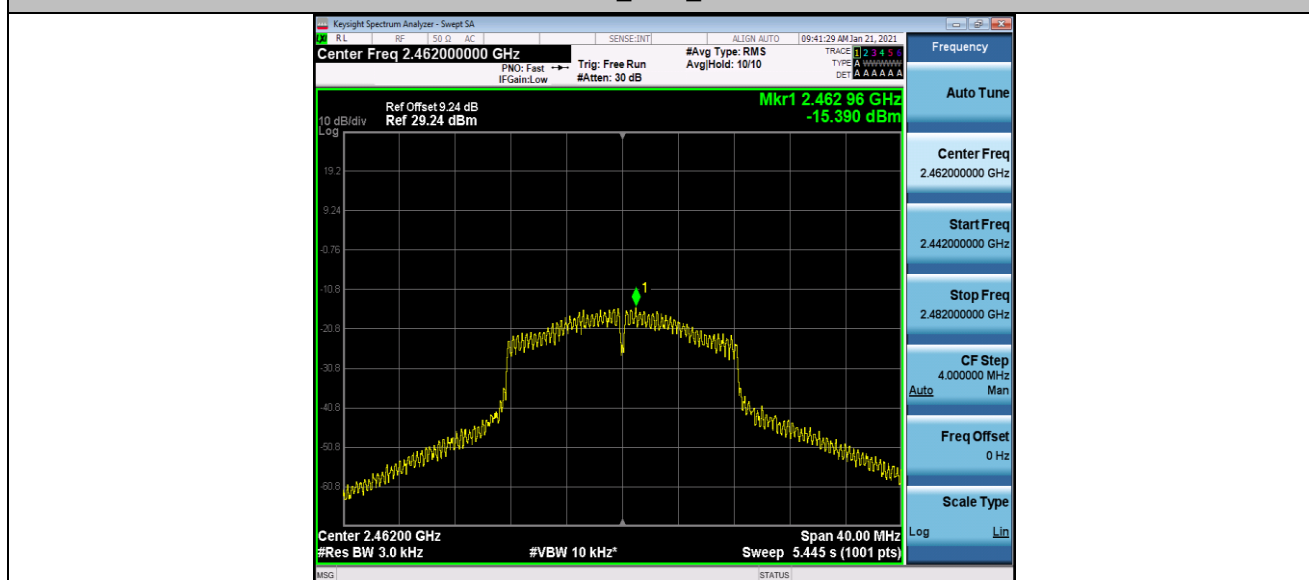
11G\_Ant1\_2412



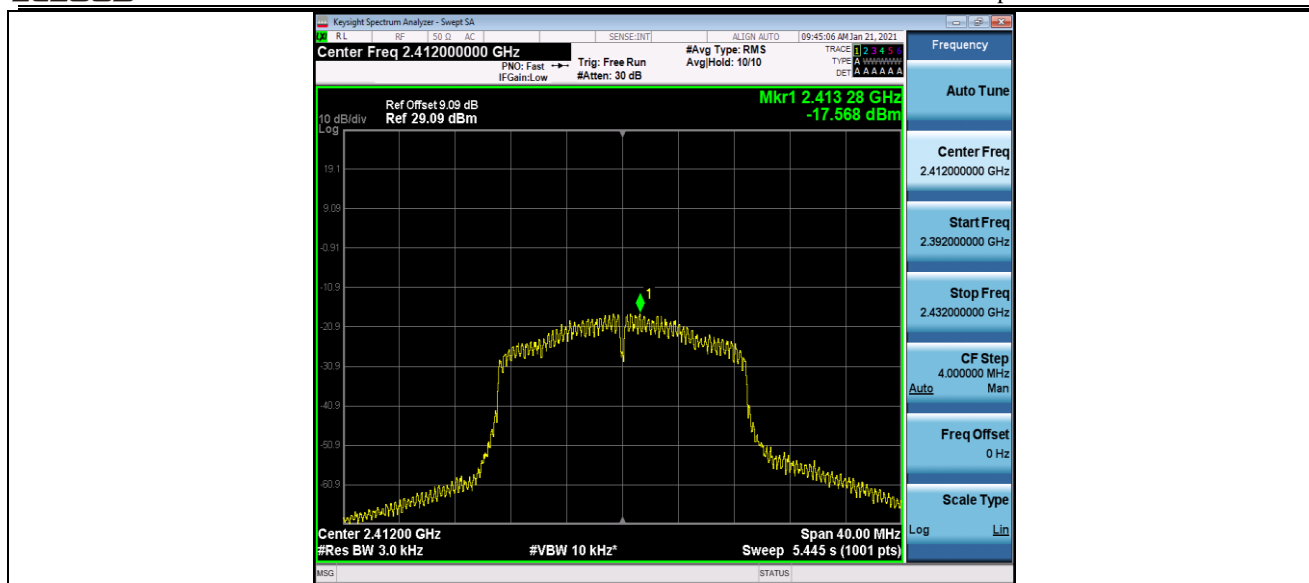
11G\_Ant1\_2437



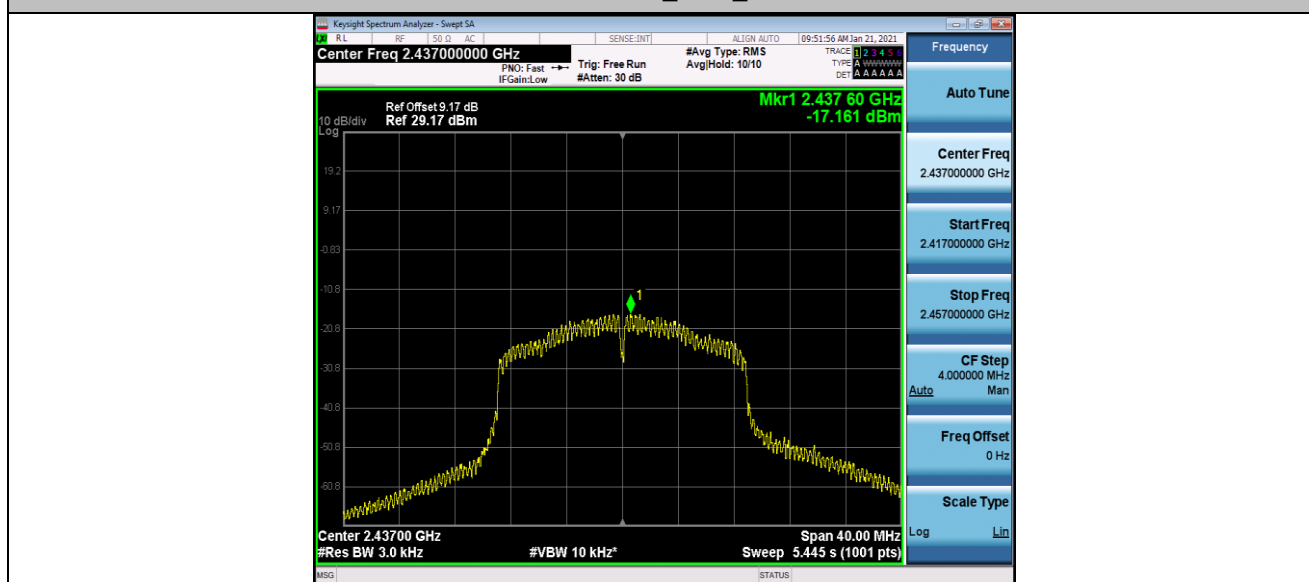
11G\_Ant1\_2462



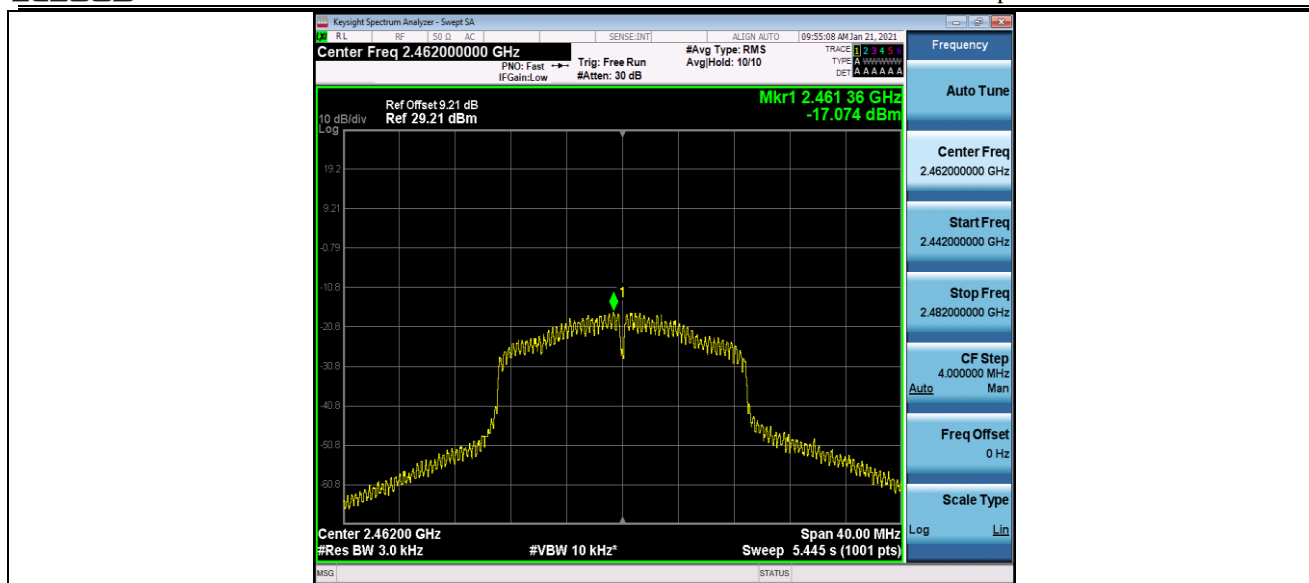
11N20SISO\_Ant1\_2412



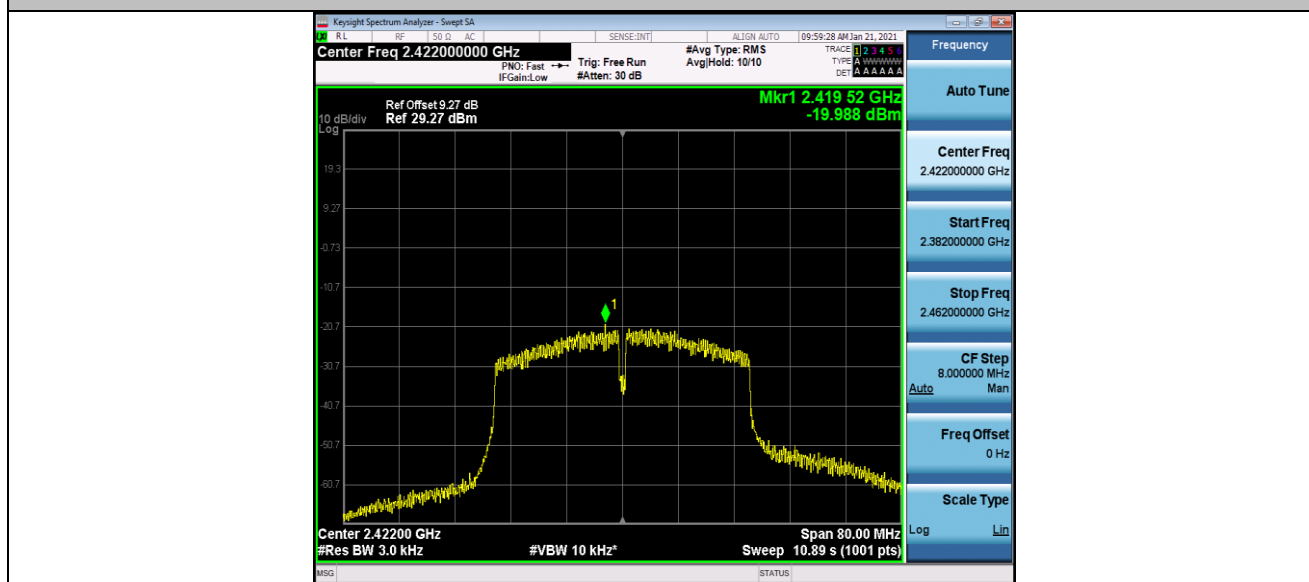
11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

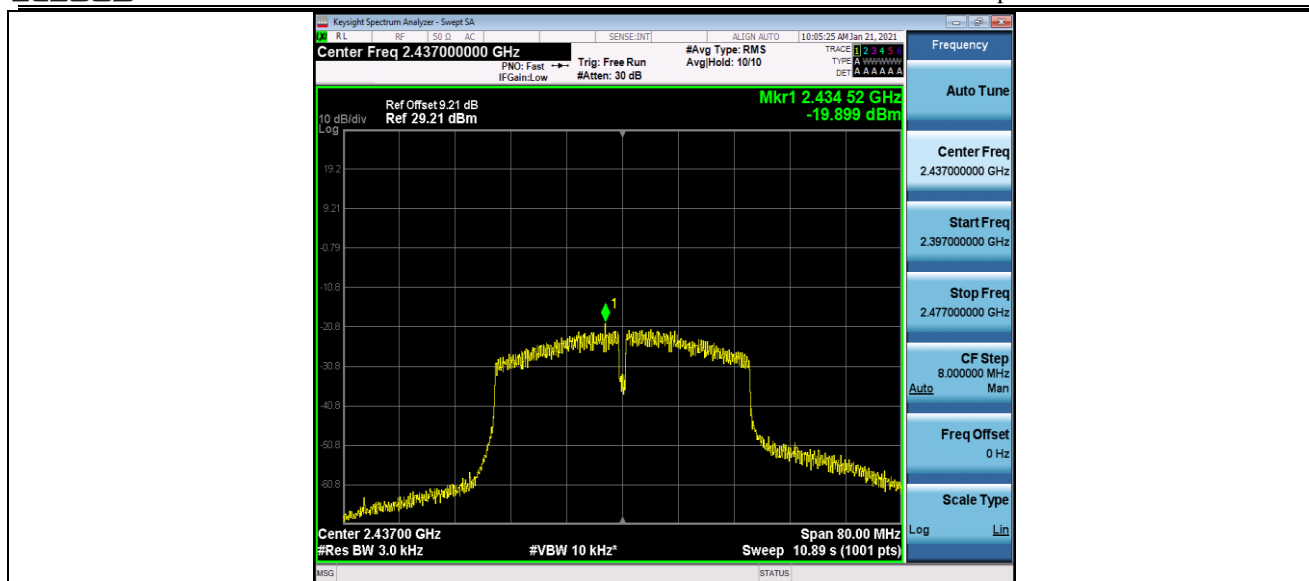


11N40SISO\_Ant1\_2422

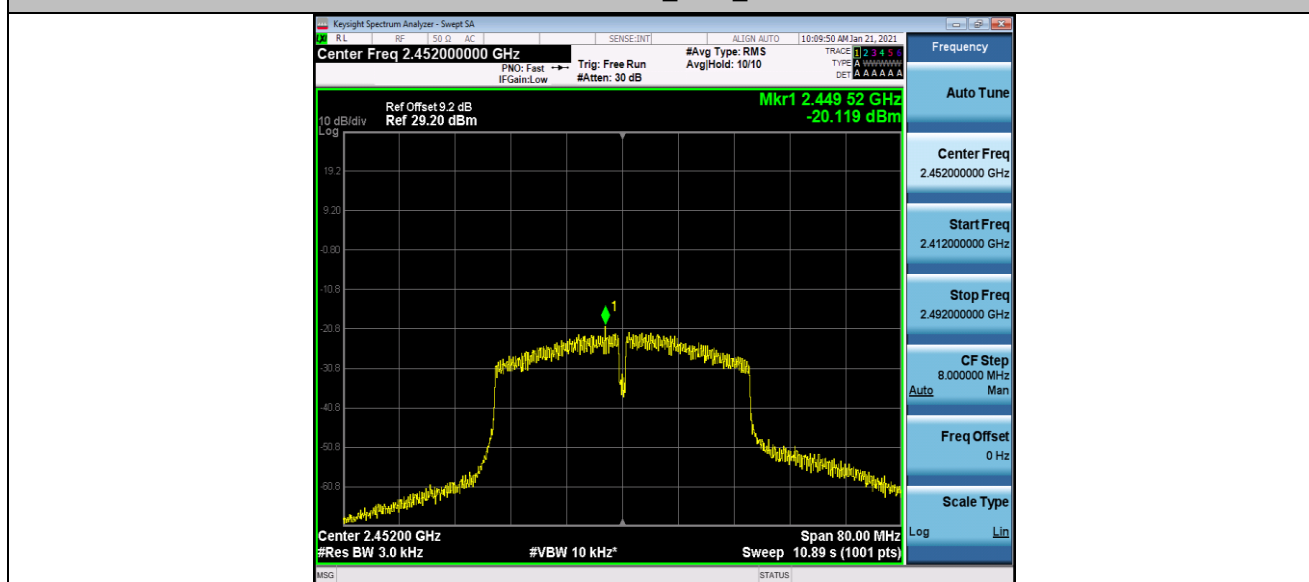


11N40SISO\_Ant1\_2437





11N40SISO\_Ant1\_2452

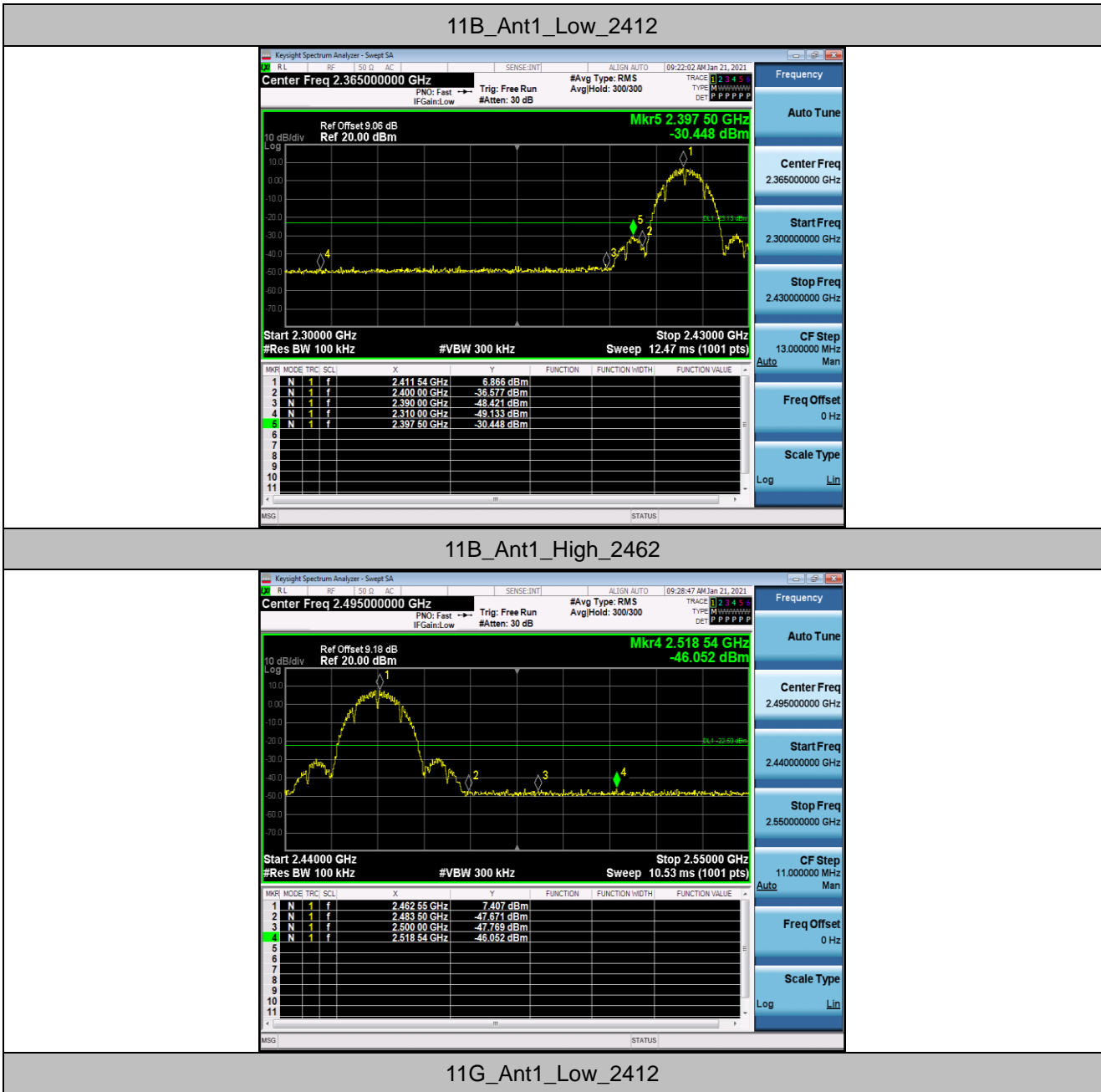


## Appendix F: Band edge measurements

### Test Result

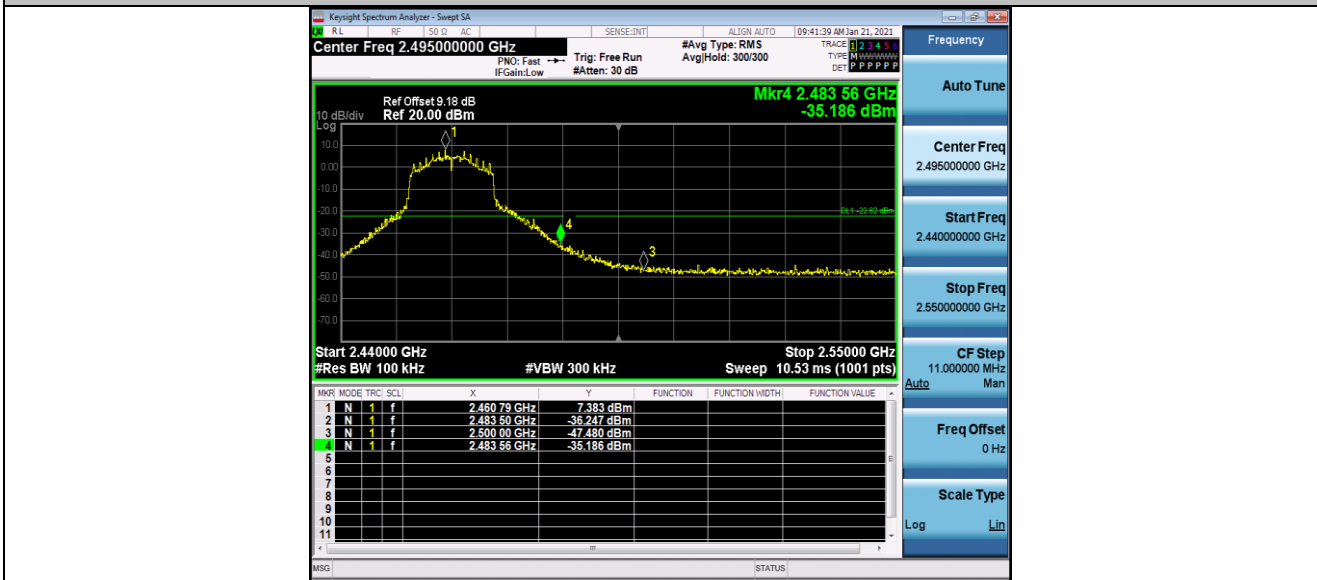
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.87	-30.45	<=-23.13	PASS
		High	2462	7.41	-46.05	<=-22.59	PASS
11G	Ant1	Low	2412	7.43	-31.34	<=-22.57	PASS
		High	2462	7.38	-35.19	<=-22.62	PASS
11N20SISO	Ant1	Low	2412	5.73	-36.05	<=-24.27	PASS
		High	2462	6.76	-37.77	<=-23.25	PASS
11N40SISO	Ant1	Low	2422	1.68	-31.32	<=-28.32	PASS
		High	2452	1.41	-29.47	<=-28.59	PASS

### Test Graphs

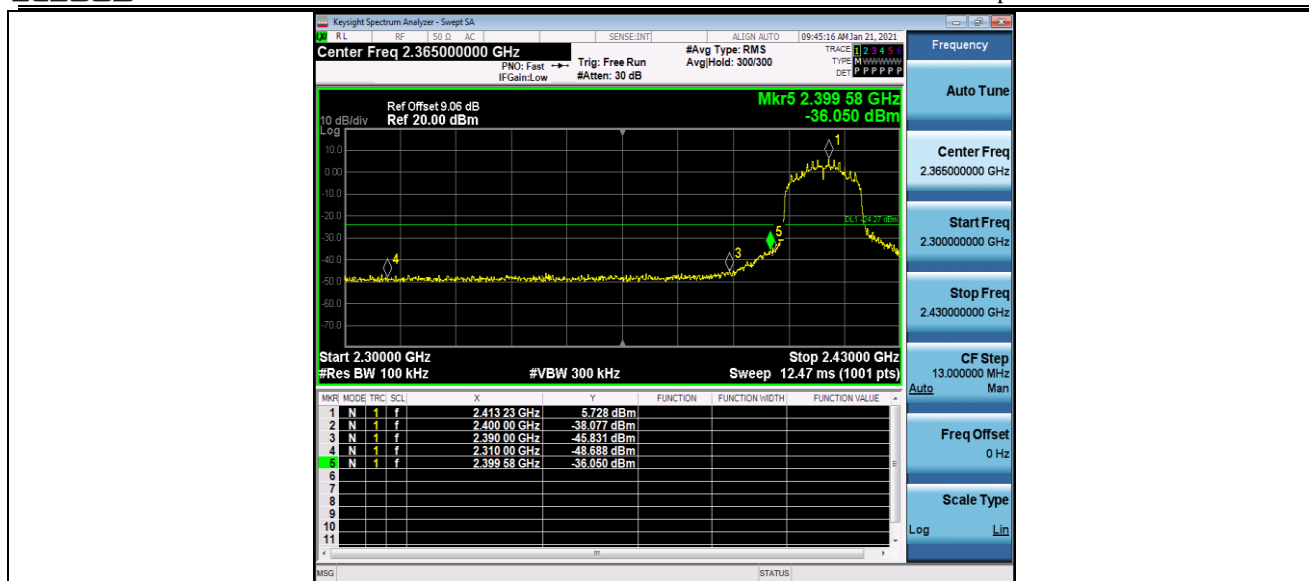




11G\_Ant1\_High\_2462



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	6.55	6.55	---	PASS
			30~1000	30~1000	-56.565	<=-23.452	PASS
			1000~26500	1000~26500	-39.089	<=-23.452	PASS
		2437	Reference	7.42	7.42	---	PASS
			30~1000	30~1000	-56.89	<=-22.578	PASS
			1000~26500	1000~26500	-38.178	<=-22.578	PASS
		2462	Reference	7.42	7.42	---	PASS
			30~1000	30~1000	-55.977	<=-22.576	PASS
			1000~26500	1000~26500	-38.712	<=-22.576	PASS
11G	Ant1	2412	Reference	5.88	5.88	---	PASS
			30~1000	30~1000	-56.564	<=-24.118	PASS
			1000~26500	1000~26500	-38.803	<=-24.118	PASS
		2437	Reference	6.45	6.45	---	PASS
			30~1000	30~1000	-55.956	<=-23.555	PASS
			1000~26500	1000~26500	-37.934	<=-23.555	PASS
		2462	Reference	6.97	6.97	---	PASS
			30~1000	30~1000	-56.517	<=-23.029	PASS
			1000~26500	1000~26500	-37.95	<=-23.029	PASS
11N20SISO	Ant1	2412	Reference	5.48	5.48	---	PASS
			30~1000	30~1000	-55.523	<=-24.52	PASS
			1000~26500	1000~26500	-38.367	<=-24.52	PASS
		2437	Reference	6.00	6.00	---	PASS
			30~1000	30~1000	-56.119	<=-24.004	PASS
			1000~26500	1000~26500	-37.244	<=-24.004	PASS
		2462	Reference	6.35	6.35	---	PASS
			30~1000	30~1000	-55.84	<=-23.65	PASS
			1000~26500	1000~26500	-38.027	<=-23.65	PASS
11N40SISO	Ant1	2422	Reference	1.92	1.92	---	PASS
			30~1000	30~1000	-55.932	<=-28.078	PASS
			1000~26500	1000~26500	-37.348	<=-28.078	PASS



		2437	Reference	1.67	1.67	---	PASS
			30~1000	30~1000	-55.618	<=-28.333	PASS
			1000~26500	1000~26500	-37.67	<=-28.333	PASS
		2452	Reference	1.19	1.19	---	PASS
			30~1000	30~1000	-56.03	<=-28.806	PASS
			1000~26500	1000~26500	-37.916	<=-28.806	PASS