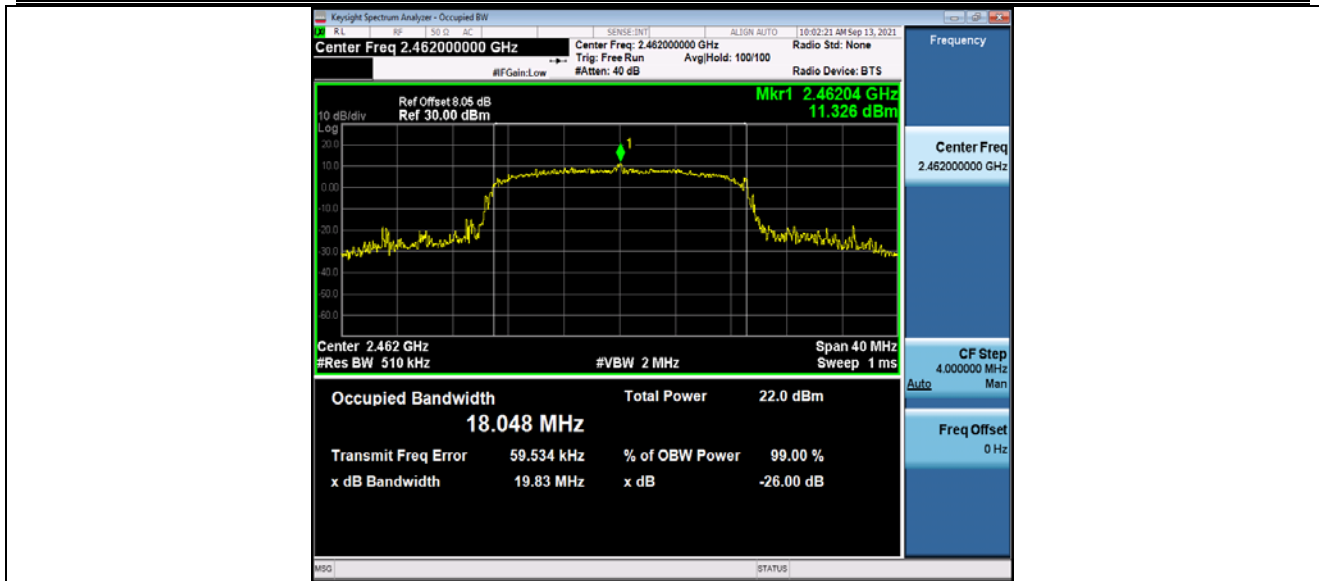




11N20SISO\_Ant1\_2437



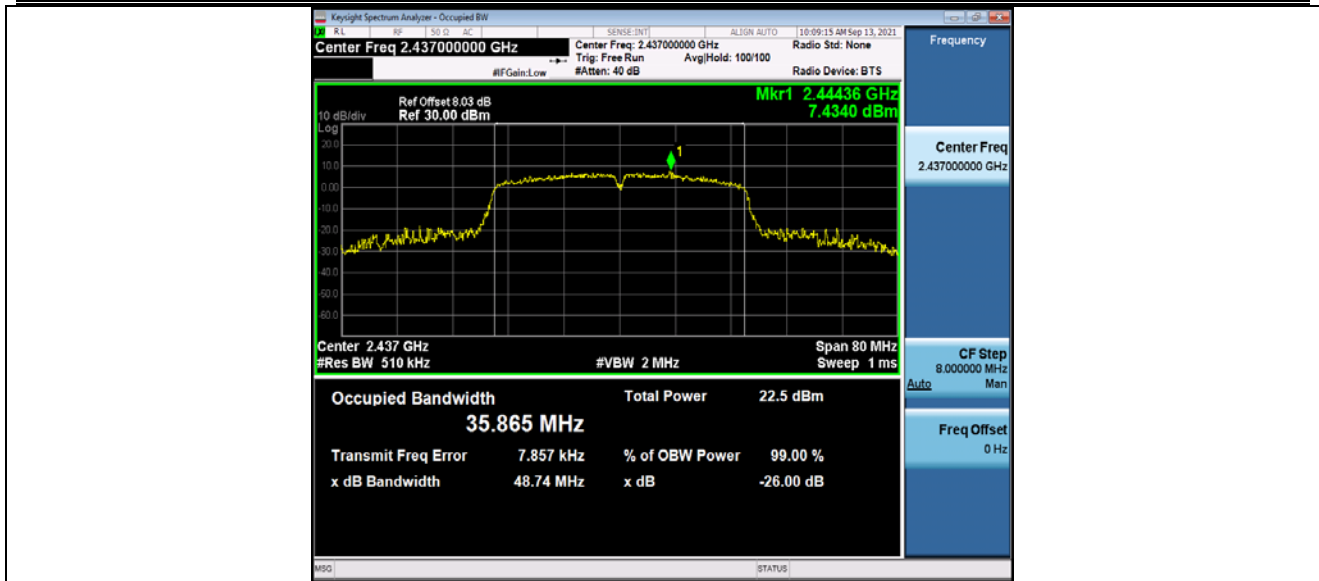
11N20SISO\_Ant1\_2462



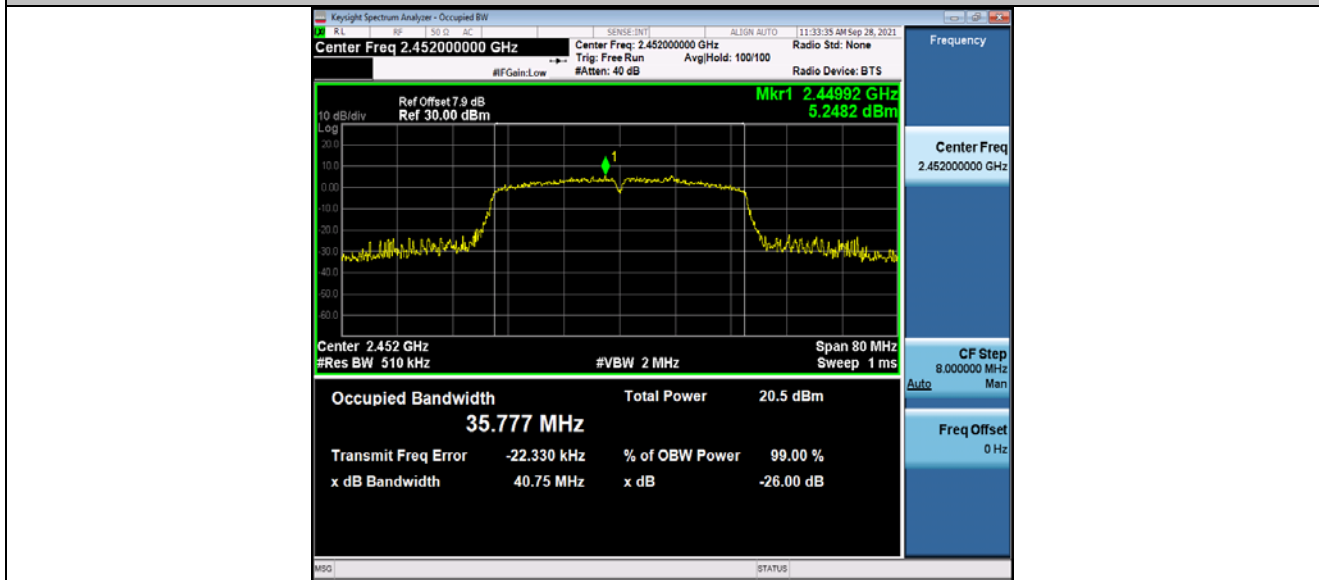
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

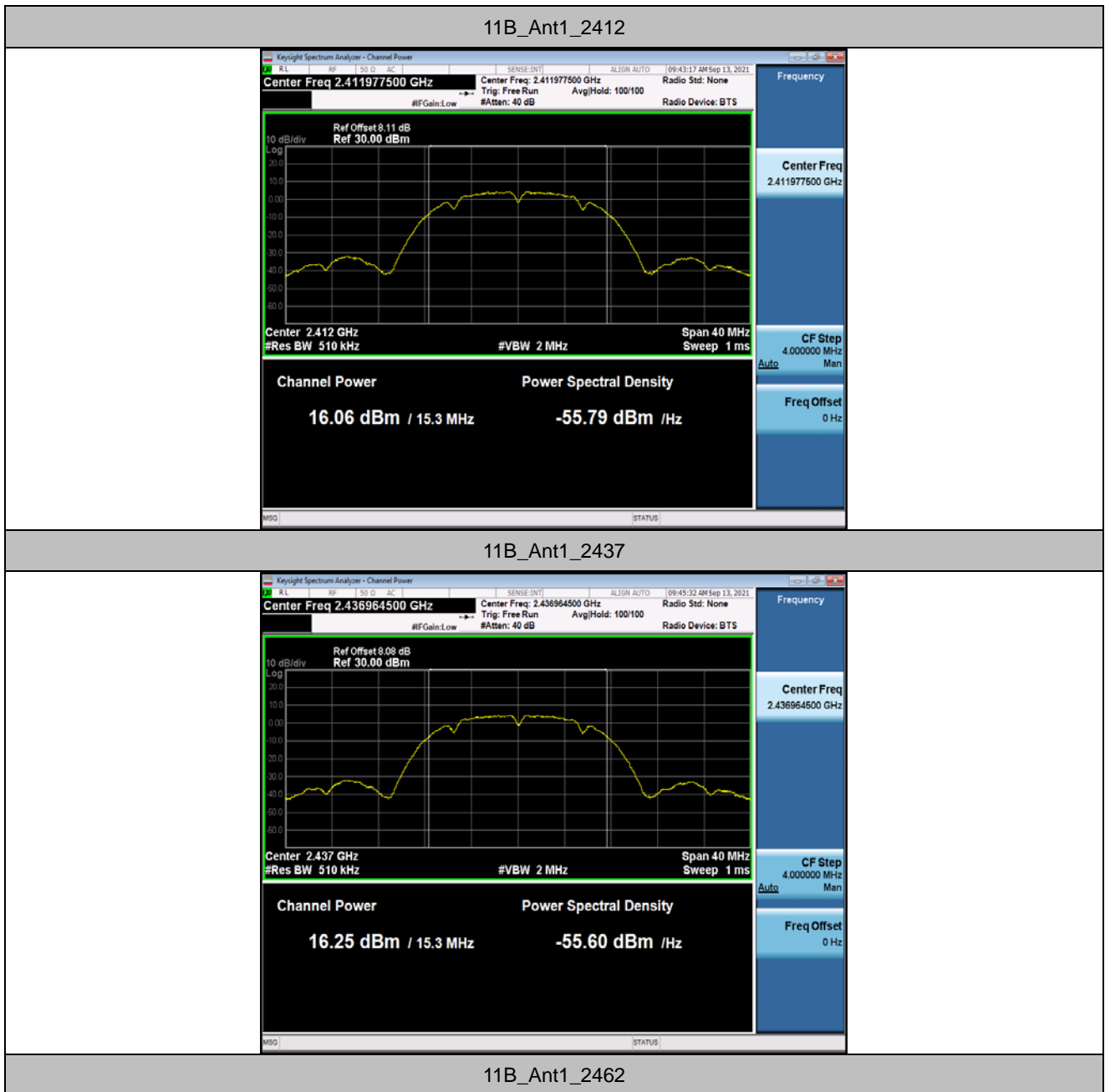


## Appendix C: Maximum conducted output power & E.I.R.P.

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Antenna Gain(dBi)	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	16.06	<=30	0	16.06	36.02	PASS
		2437	16.25	<=30	0	16.25	36.02	PASS
		2462	16.29	<=30	0	16.29	36.02	PASS
11G	Ant1	2412	15.88	<=30	0	15.88	36.02	PASS
		2437	15.62	<=30	0	15.62	36.02	PASS
		2462	15.42	<=30	0	15.42	36.02	PASS
11N20SISO	Ant1	2412	16.05	<=30	0	16.05	36.02	PASS
		2437	16.04	<=30	0	16.04	36.02	PASS
		2462	15.70	<=30	0	15.70	36.02	PASS
11N40SISO	Ant1	2422	15.86	<=30	0	15.86	36.02	PASS
		2437	16.26	<=30	0	16.26	36.02	PASS
		2452	14.24	<=30	0	14.24	36.02	PASS

### Test Graphs

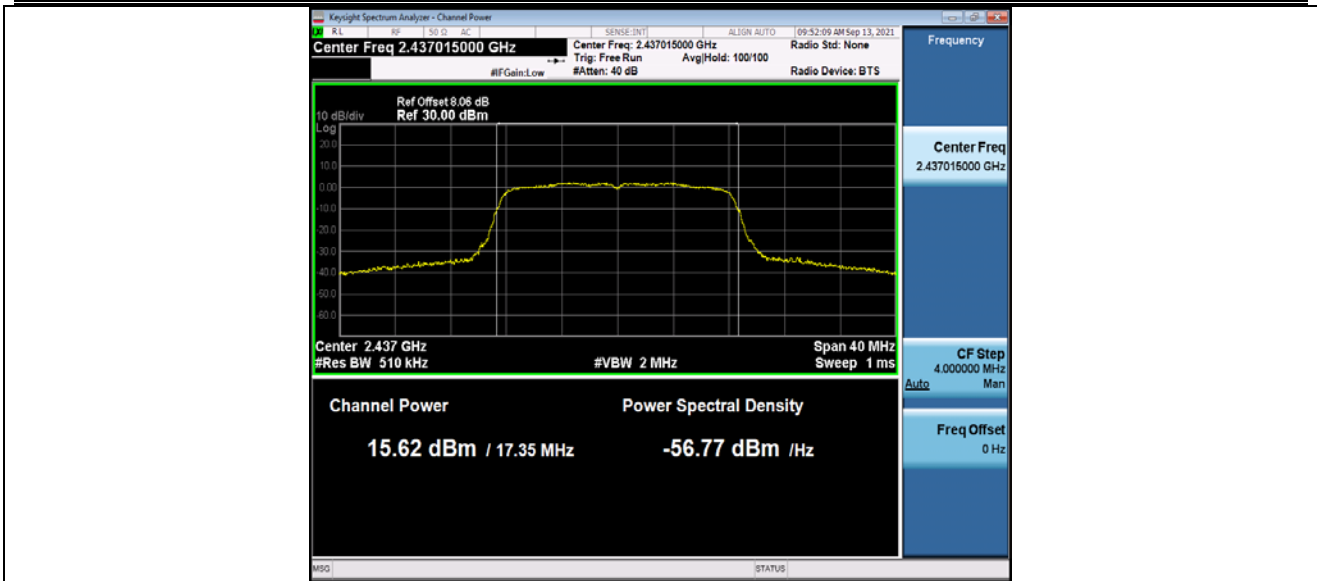




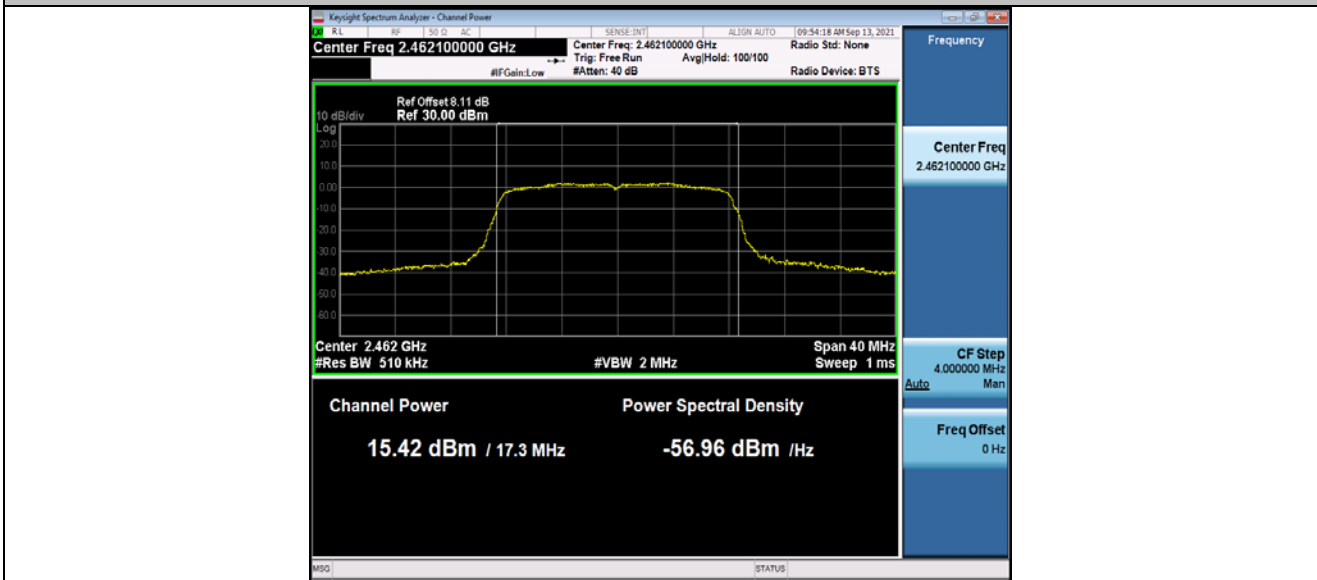
11G\_Ant1\_2412



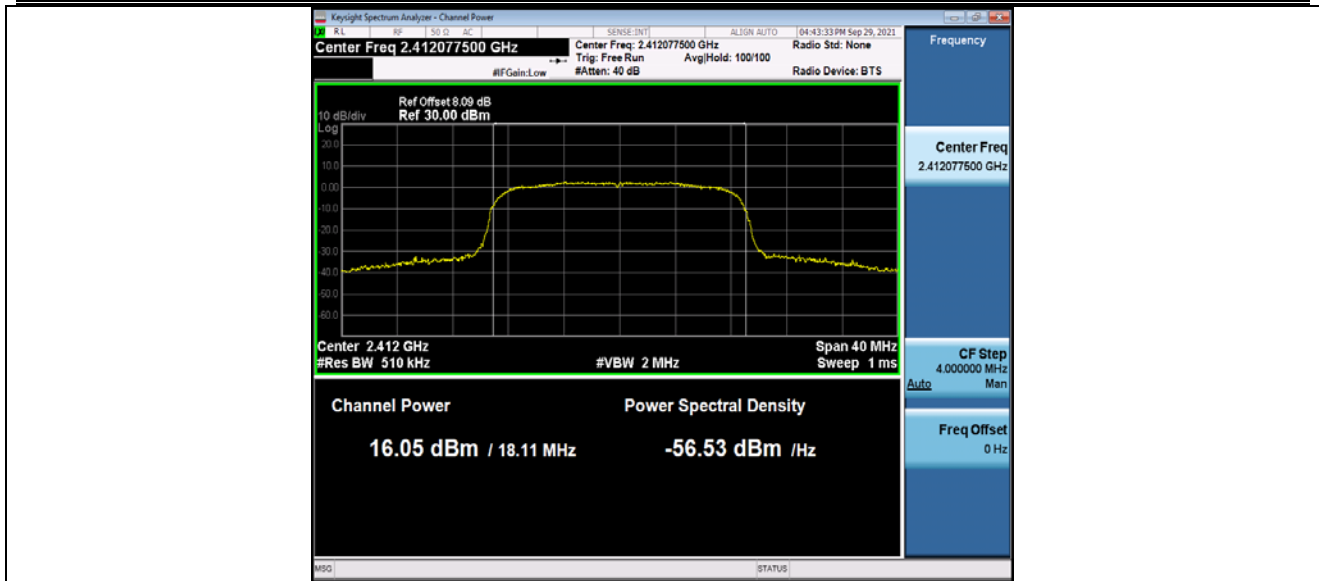
11G\_Ant1\_2437



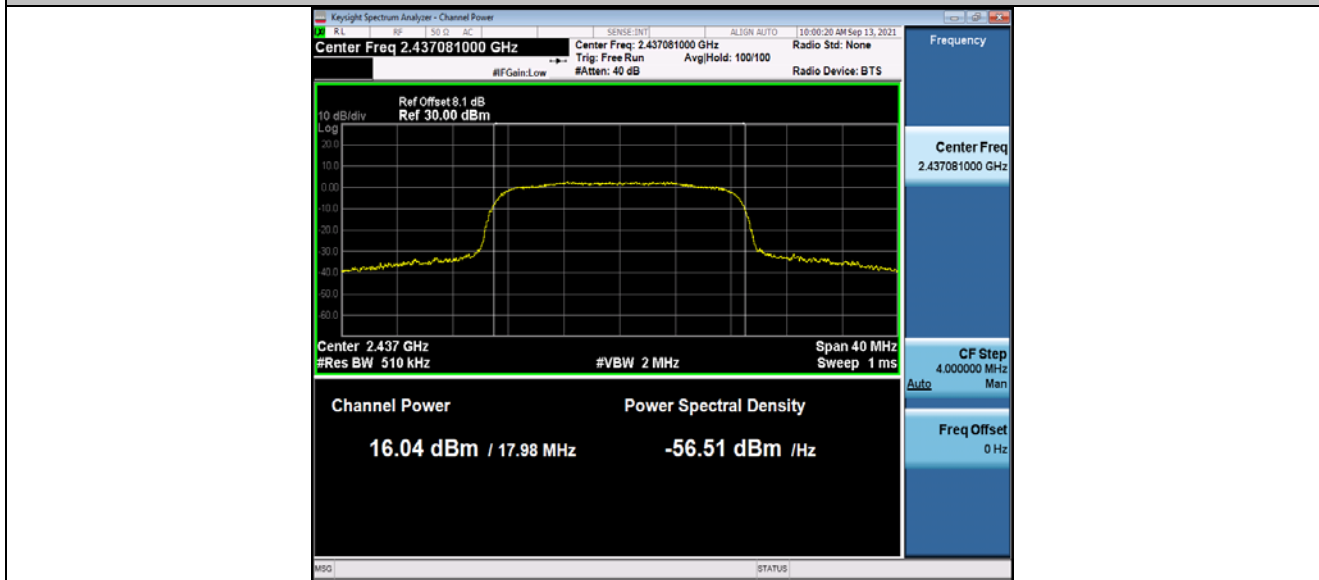
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412

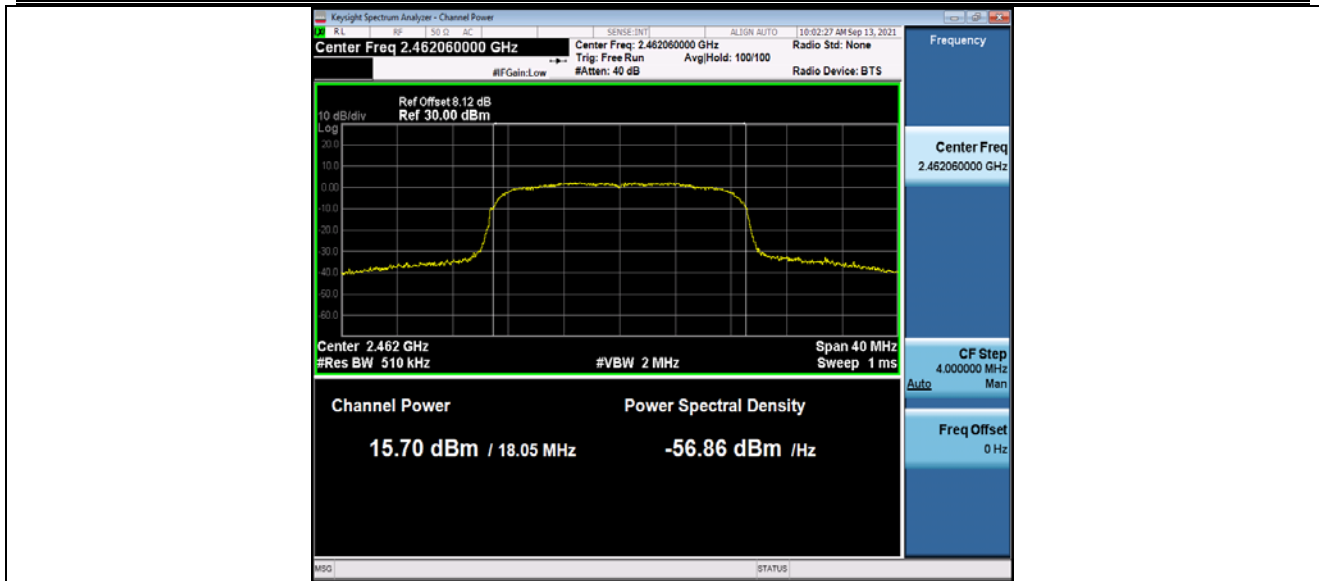


11N20SISO\_Ant1\_2437

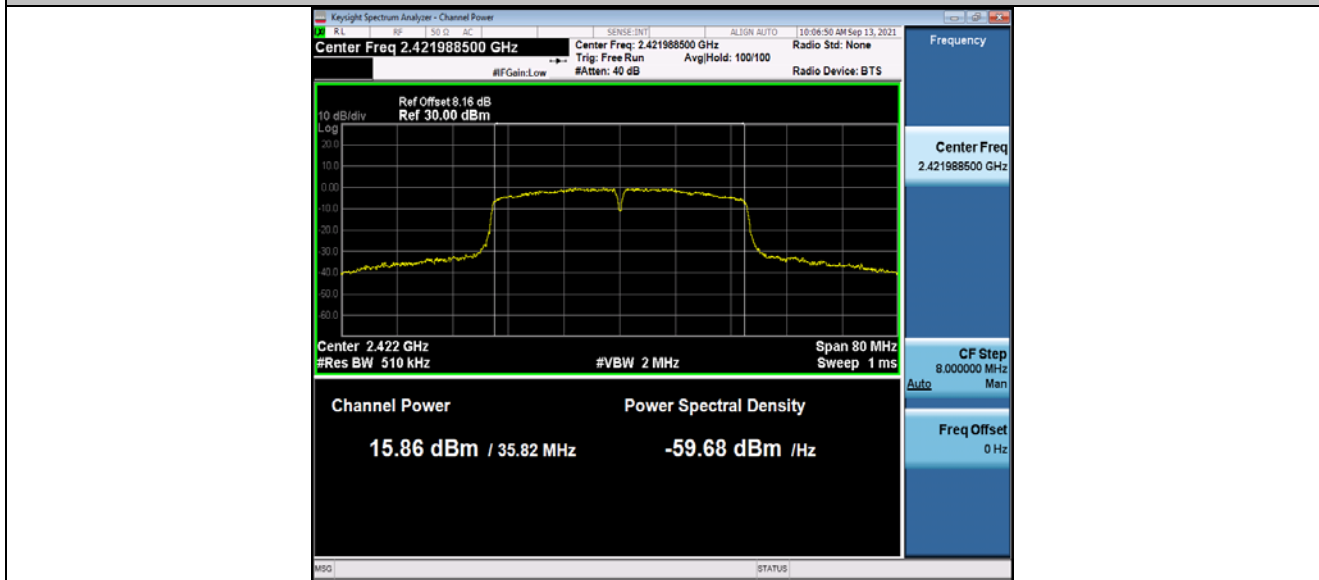


11N20SISO\_Ant1\_2462

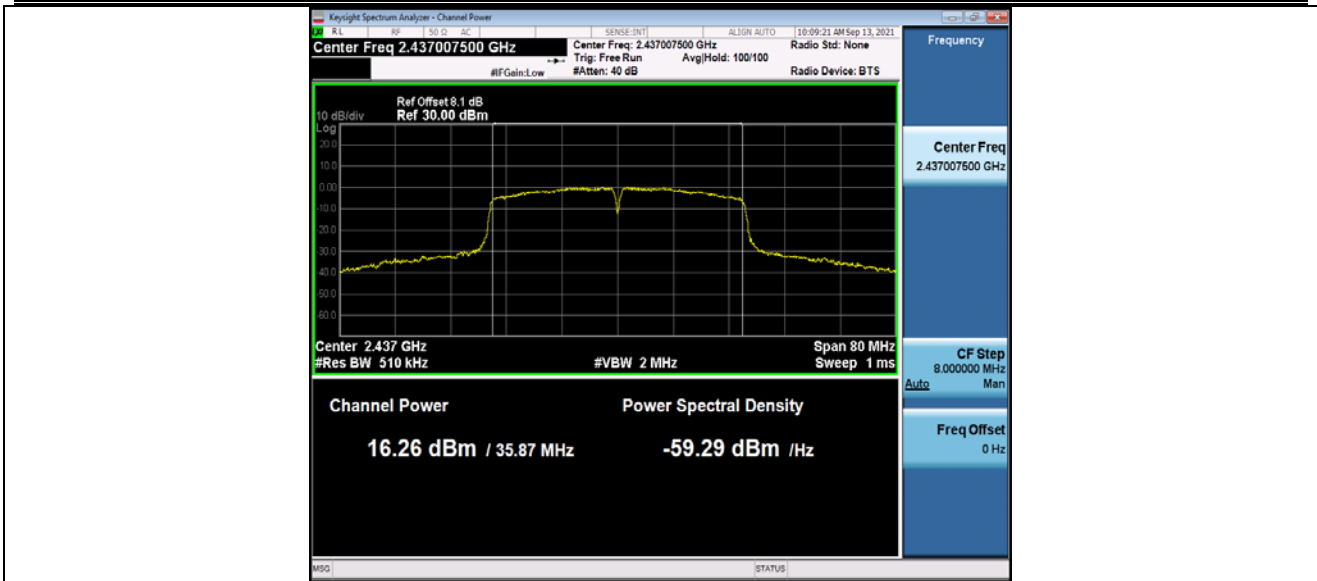




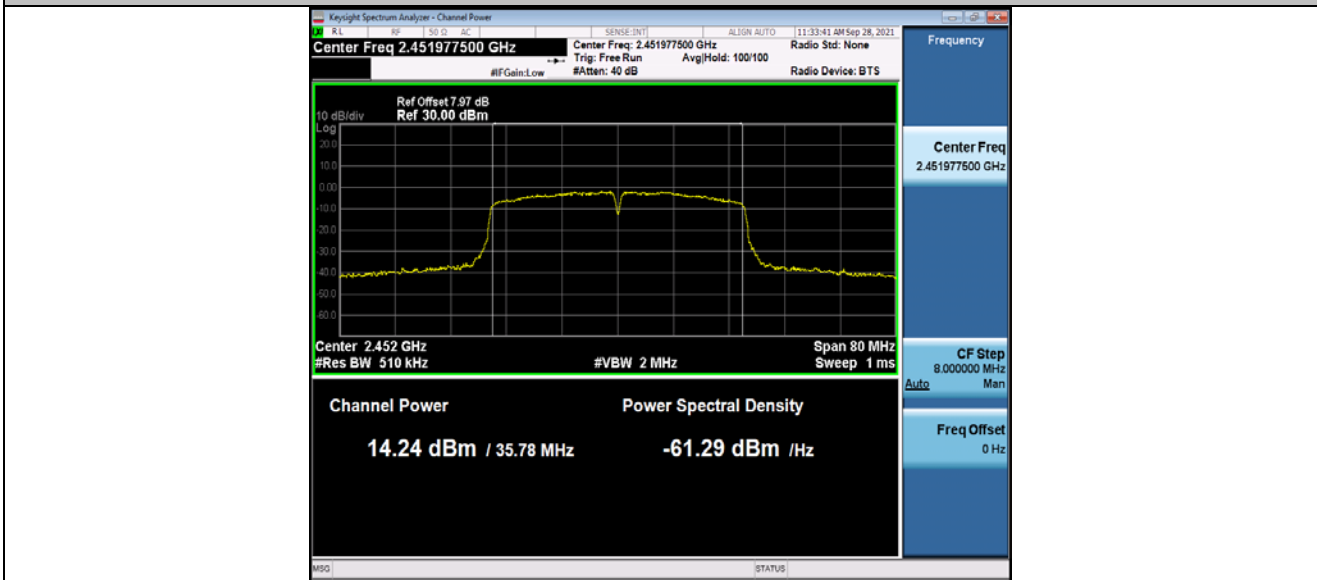
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



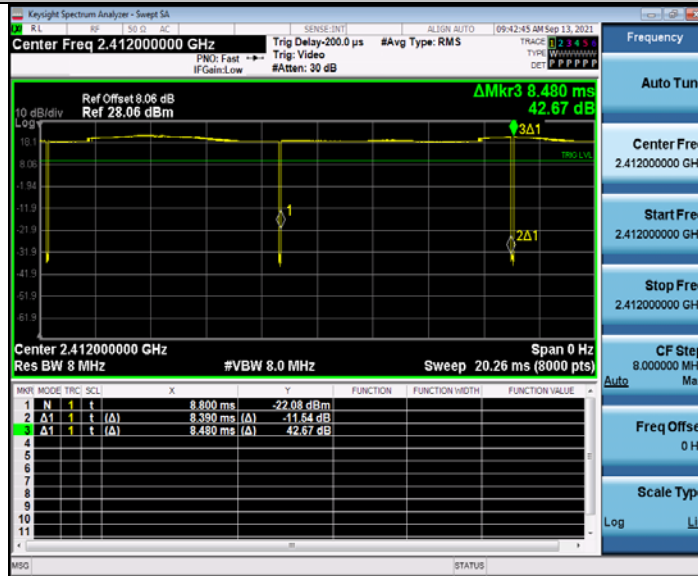
## Appendix D: Duty Cycle

### Test Result

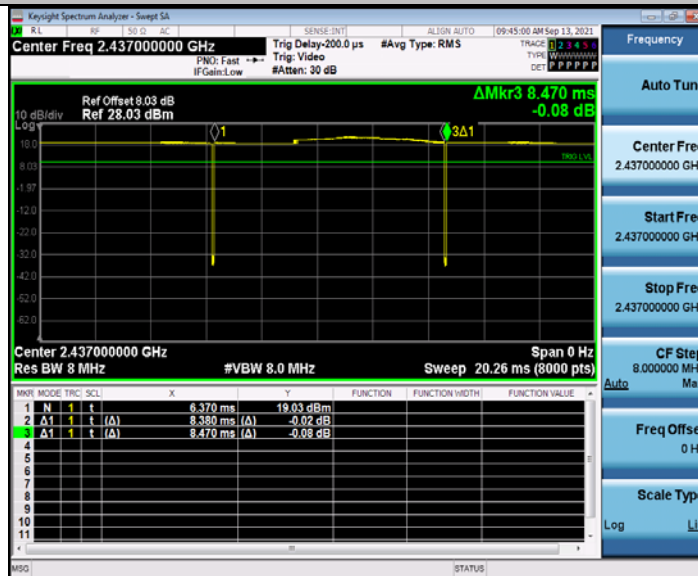
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.39	8.48	98.94	---	PASS
		2437	8.38	8.47	98.94	---	PASS
		2462	8.39	8.47	99.06	---	PASS
11G	Ant1	2412	1.40	1.41	99.29	---	PASS
		2437	1.40	1.41	99.29	---	PASS
		2462	1.39	1.41	98.58	---	PASS
11N20SISO	Ant1	2412	1.30	1.31	99.24	---	PASS
		2437	1.30	1.32	98.48	---	PASS
		2462	1.30	1.32	98.48	---	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

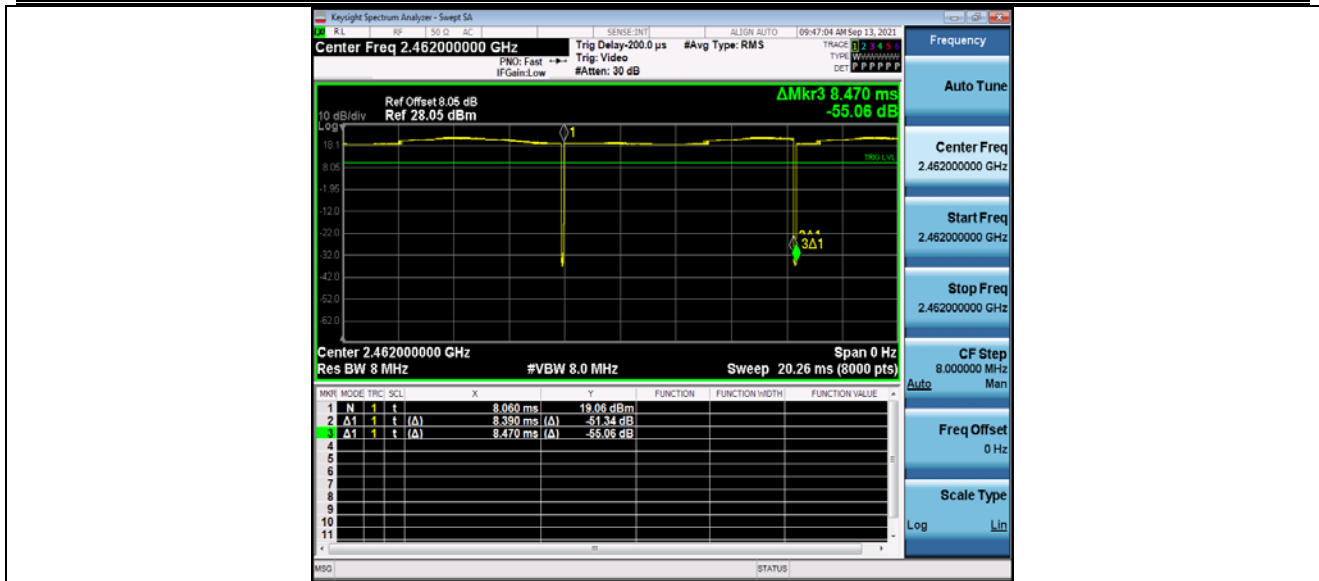
11B\_Ant1\_2412



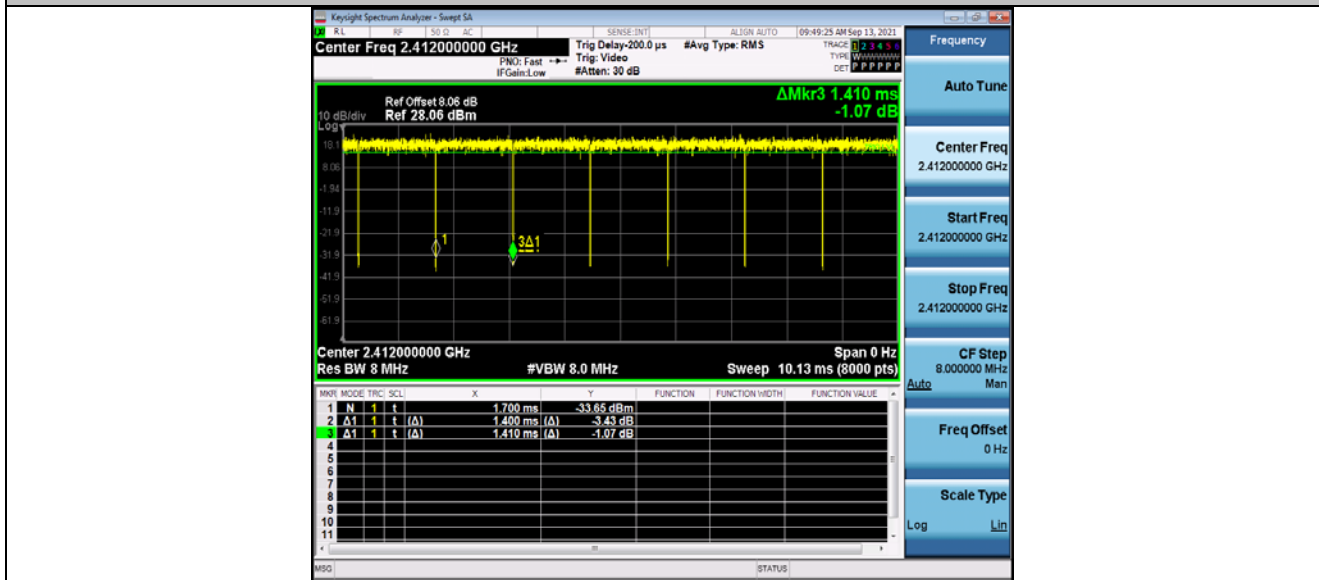
11B\_Ant1\_2437



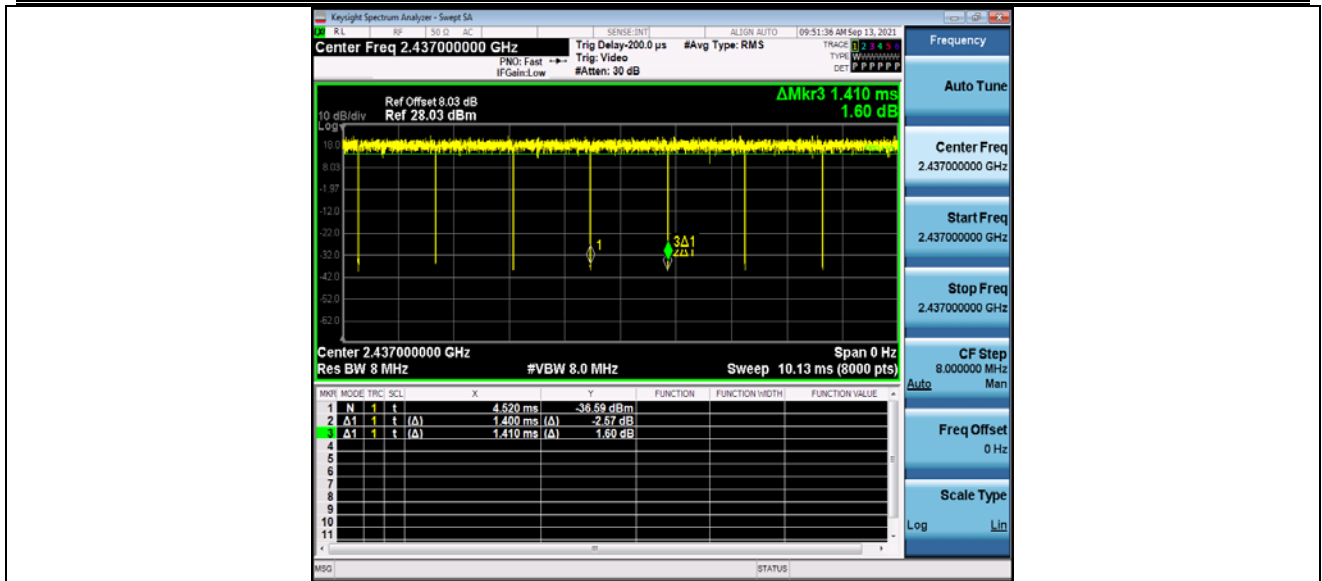
11B\_Ant1\_2462



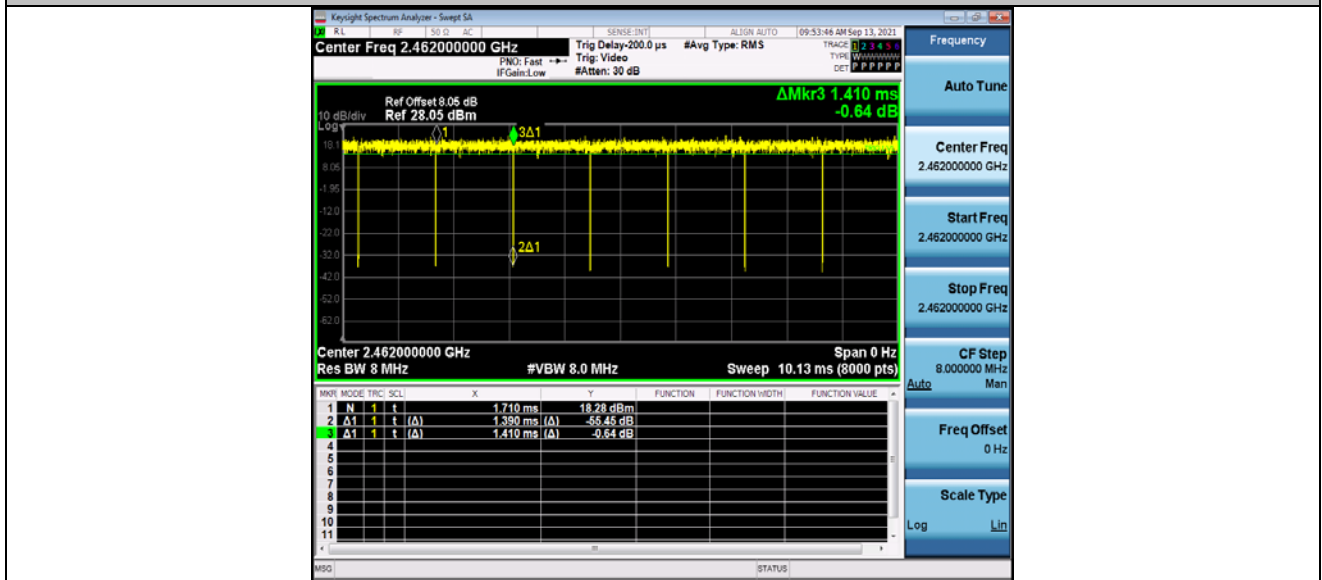
11G\_Ant1\_2412



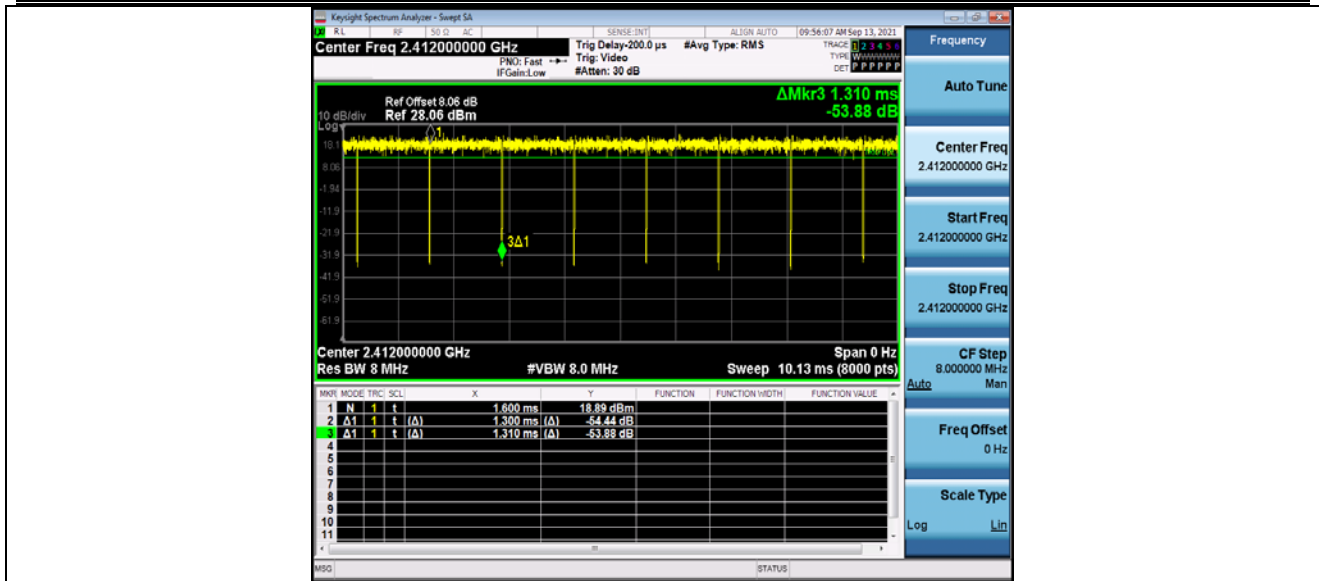
11G\_Ant1\_2437



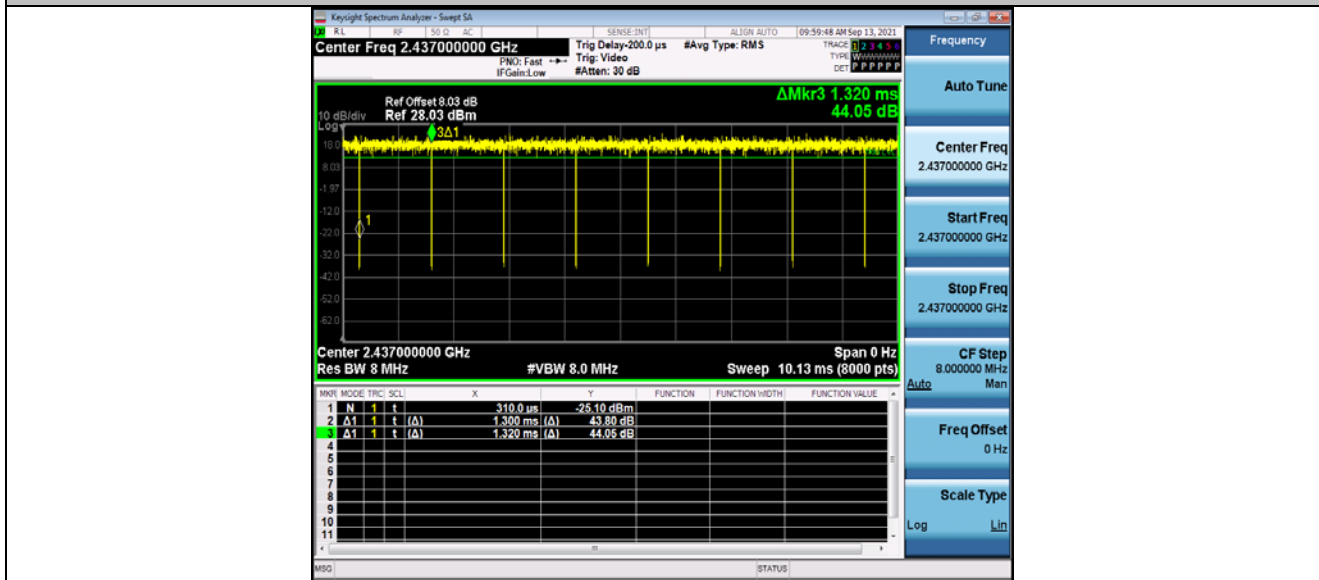
11G\_Ant1\_2462



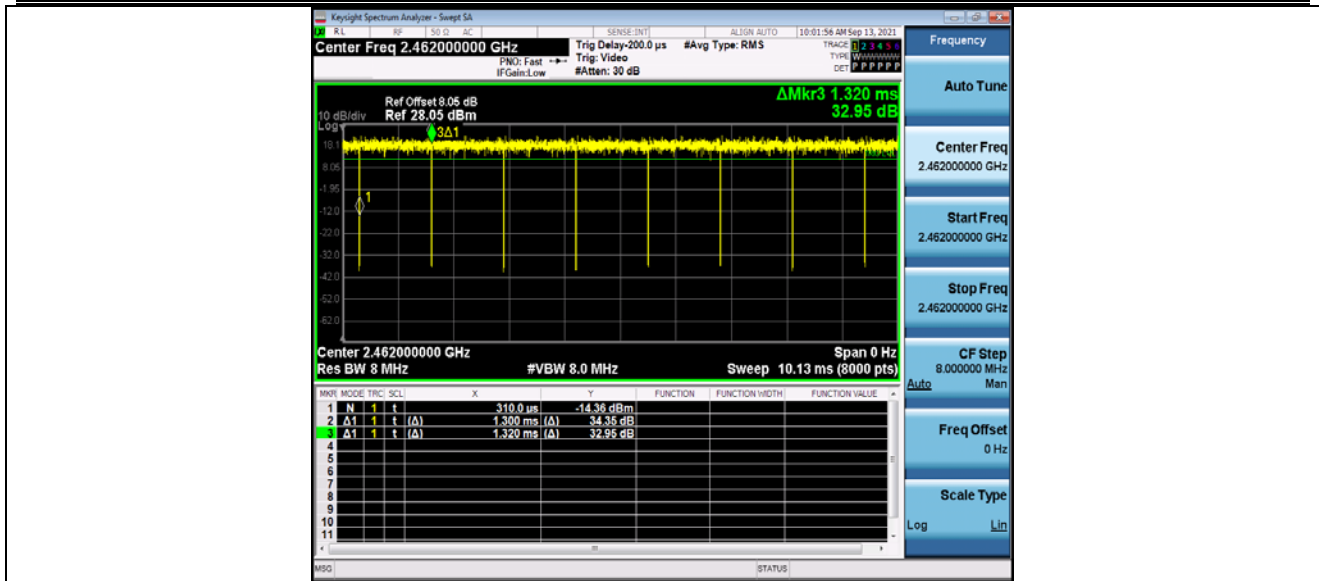
11N20SISO\_Ant1\_2412



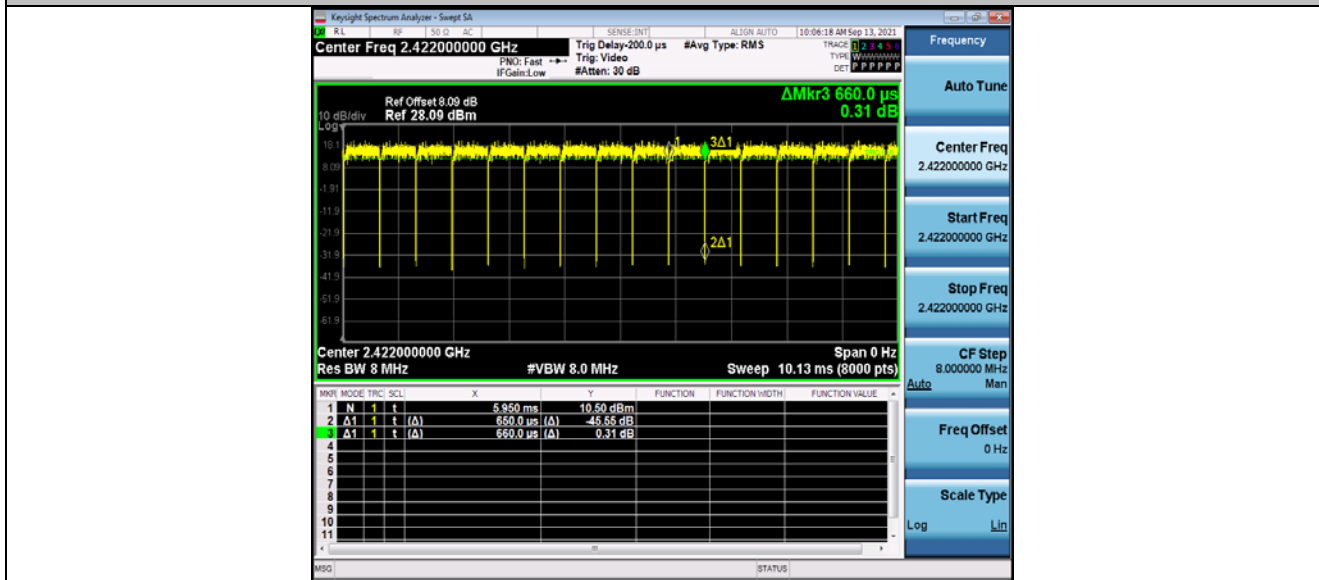
11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

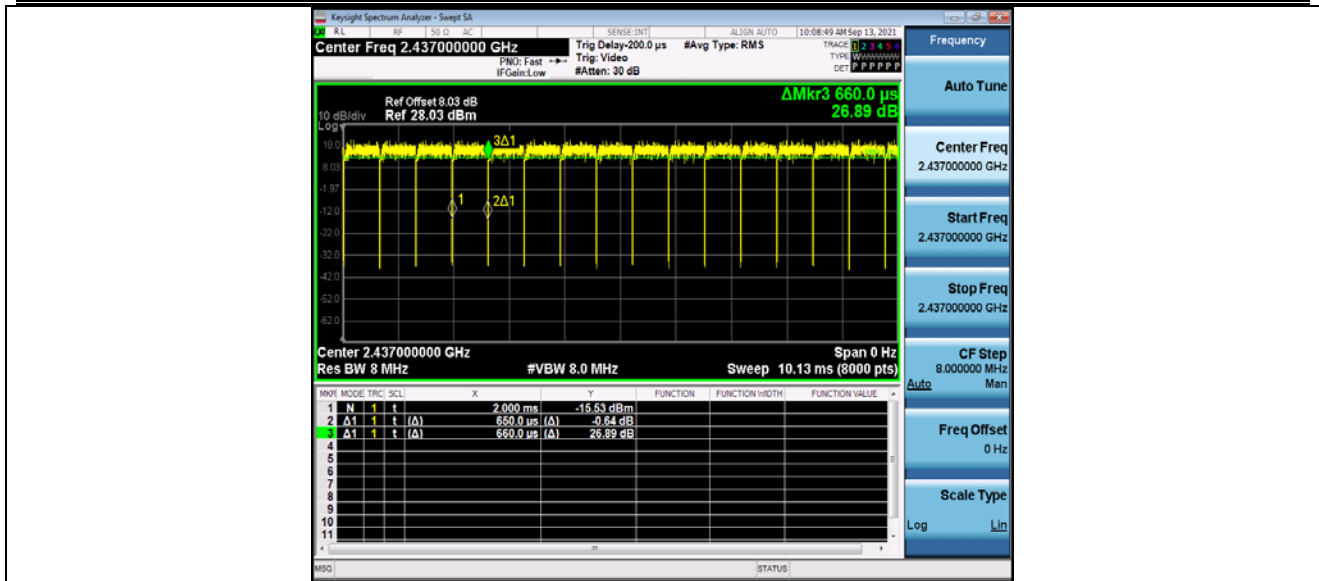


11N40SISO\_Ant1\_2422

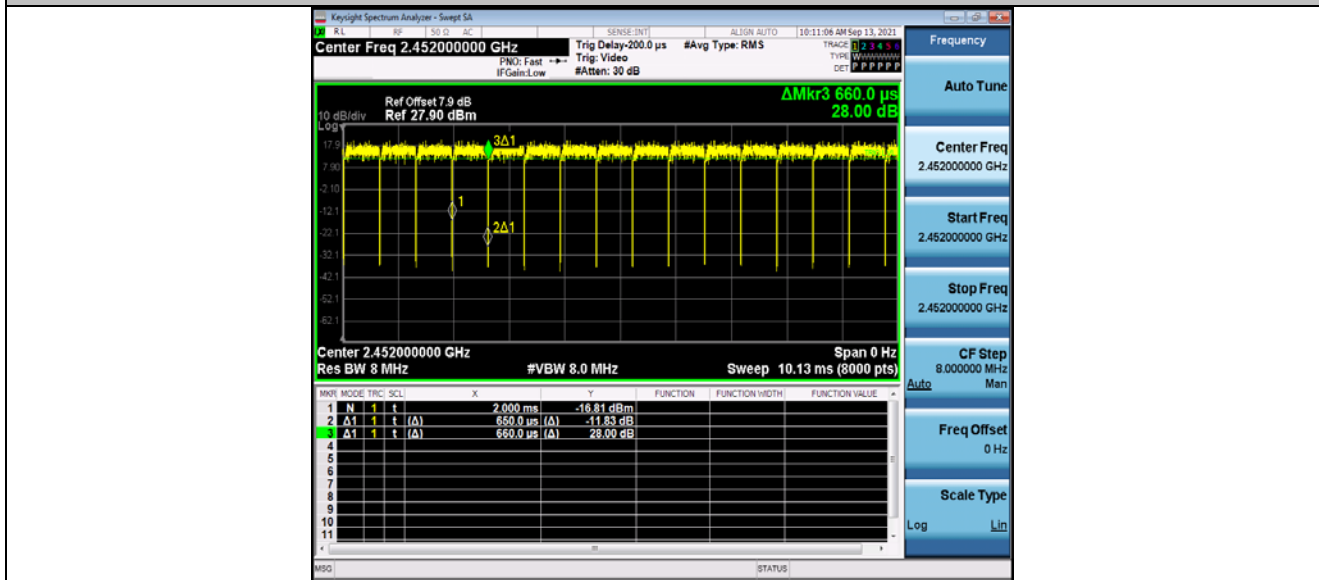


11N40SISO\_Ant1\_2437





11N40SISO\_Ant1\_2452



## Appendix E: Maximum power spectral density

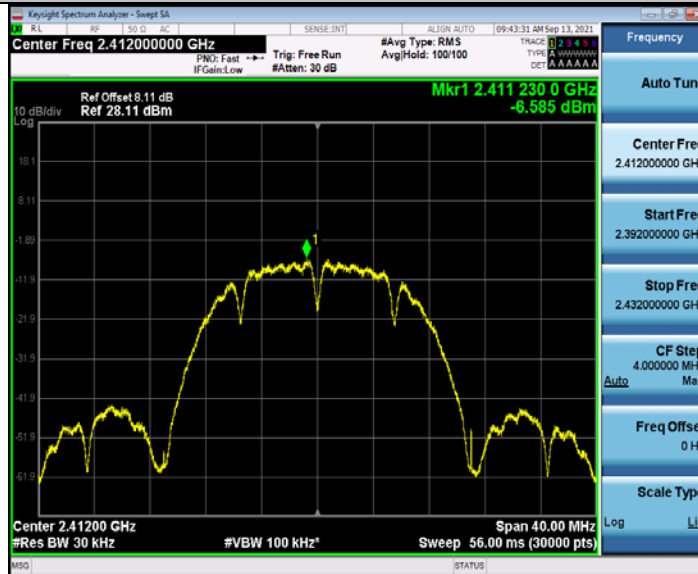
### Test Result

TestMode	Antenna	Channel	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.59	-16.59	≤8	PASS
		2437	-6.58	-16.58	≤8	PASS
		2462	-6.49	-16.49	≤8	PASS
11G	Ant1	2412	-7.46	-17.46	≤8	PASS
		2437	-7.7	-17.7	≤8	PASS
		2462	-8.09	-18.09	≤8	PASS
11N20SISO	Ant1	2412	-7.32	-17.32	≤8	PASS
		2437	-7.63	-17.63	≤8	PASS
		2462	-7.57	-17.57	≤8	PASS
11N40SISO	Ant1	2422	-9.48	-19.48	≤8	PASS
		2437	-9.36	-19.36	≤8	PASS
		2452	-9.48	-19.48	≤8	PASS

Result[dBm/3kHz]= Result[dBm/30kHz]-10\*log10(30/3)

### Test Graphs

11B\_Ant1\_2412



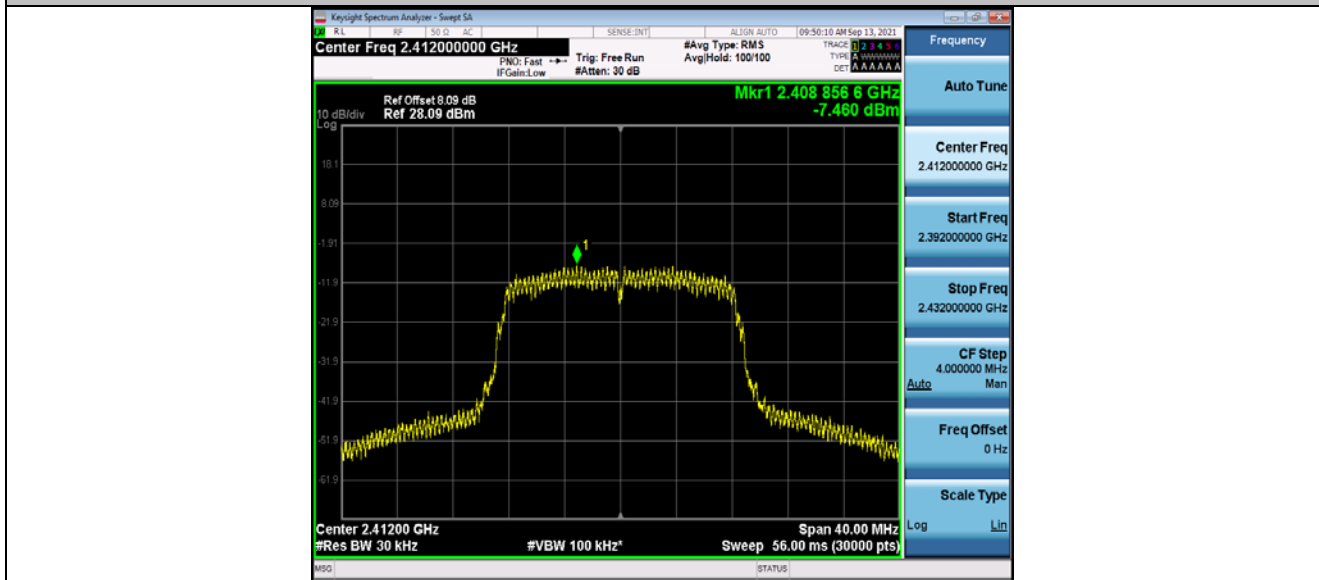
11B\_Ant1\_2437



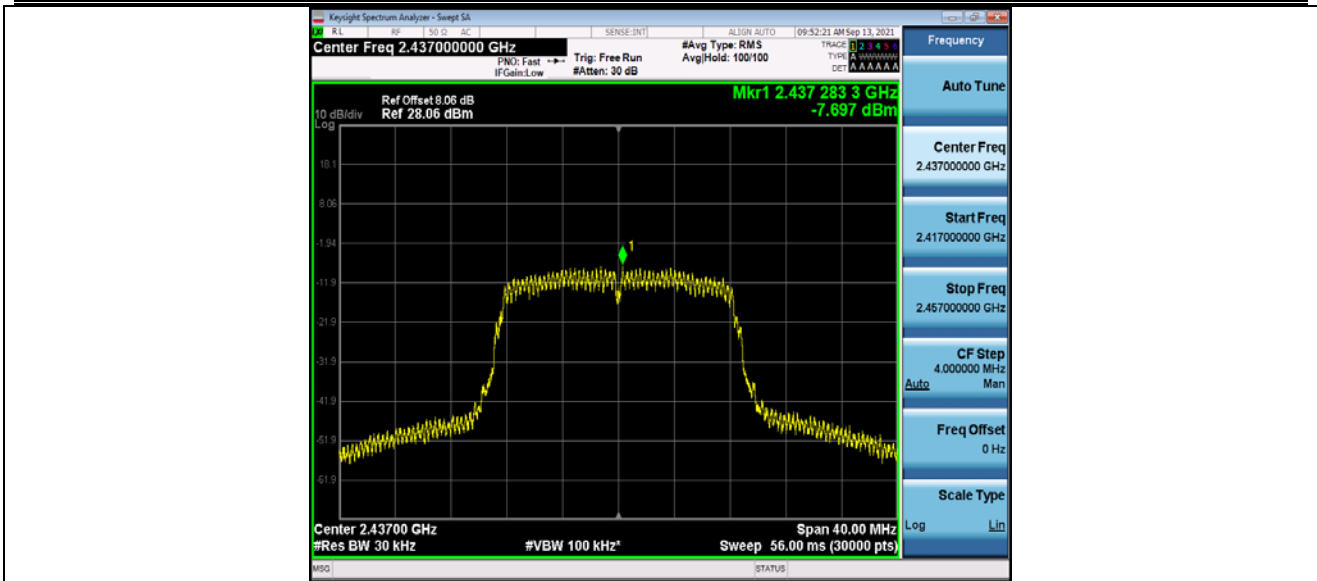
11B\_Ant1\_2462



11G\_Ant1\_2412



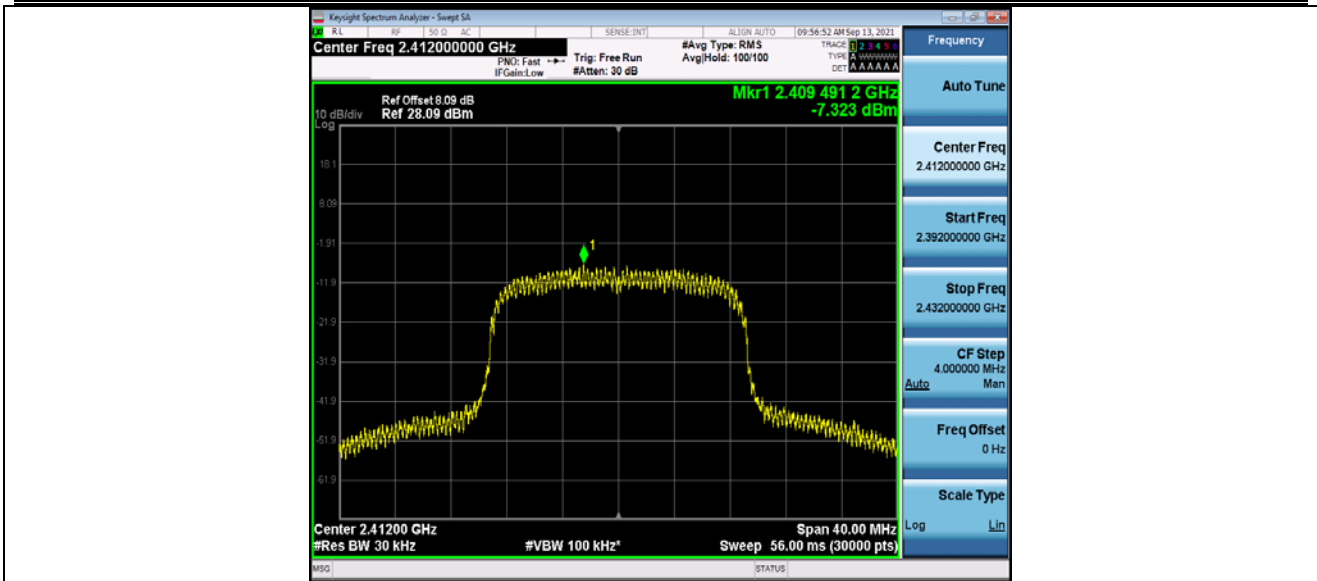
11G\_Ant1\_2437



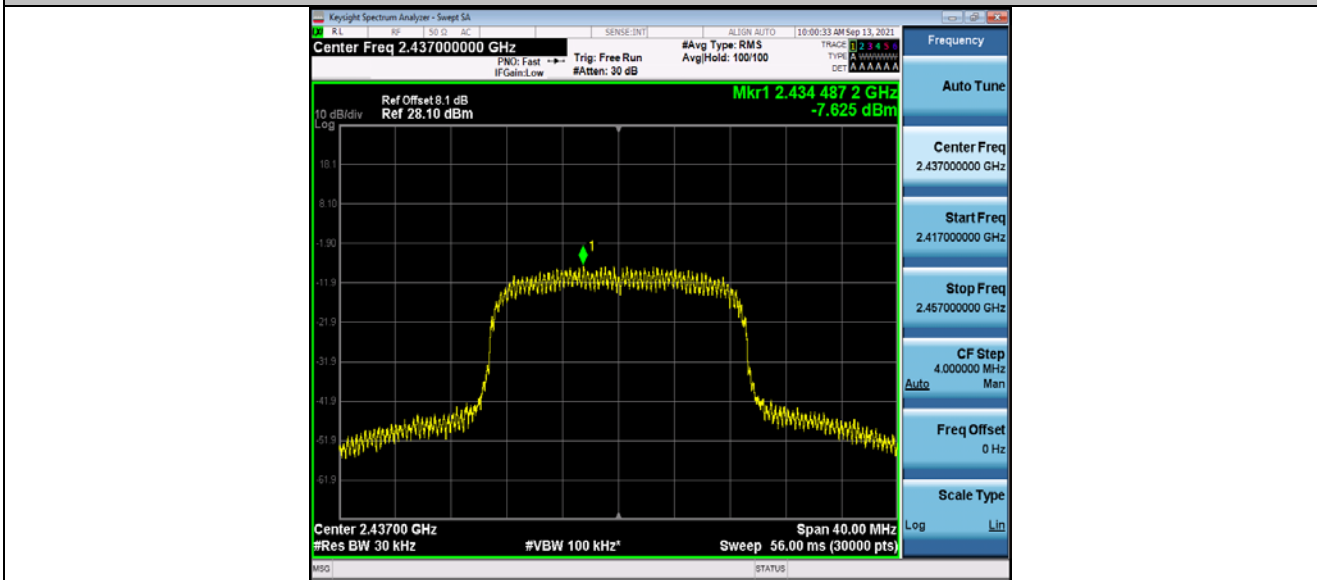
11G\_Ant1\_2462



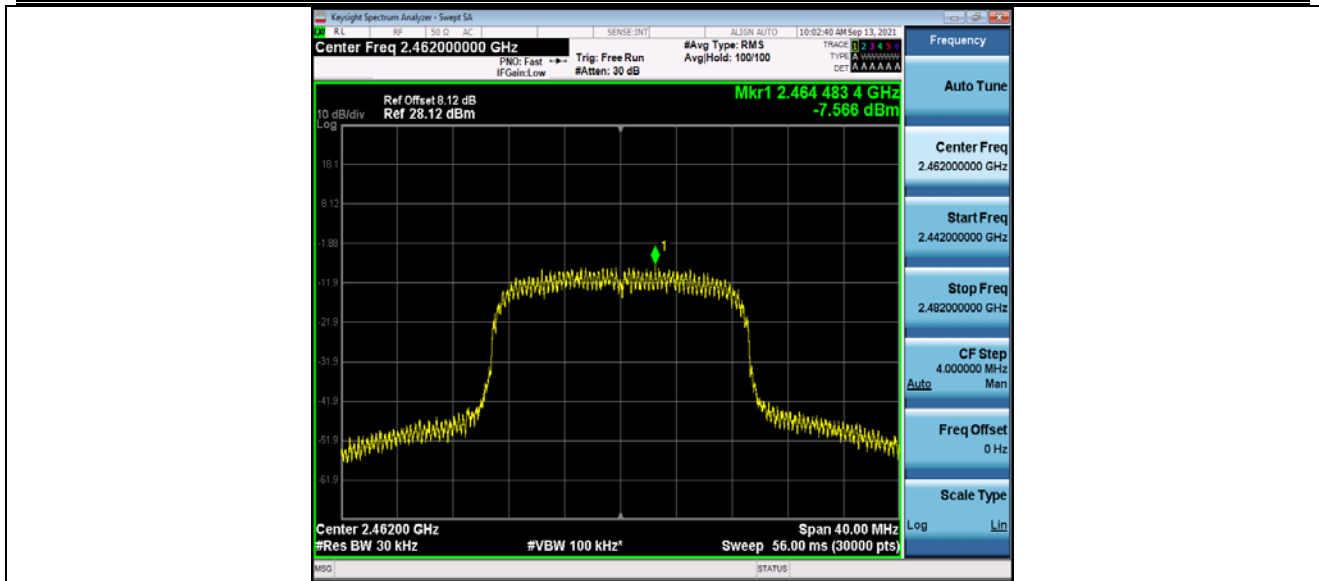
11N20SISO\_Ant1\_2412



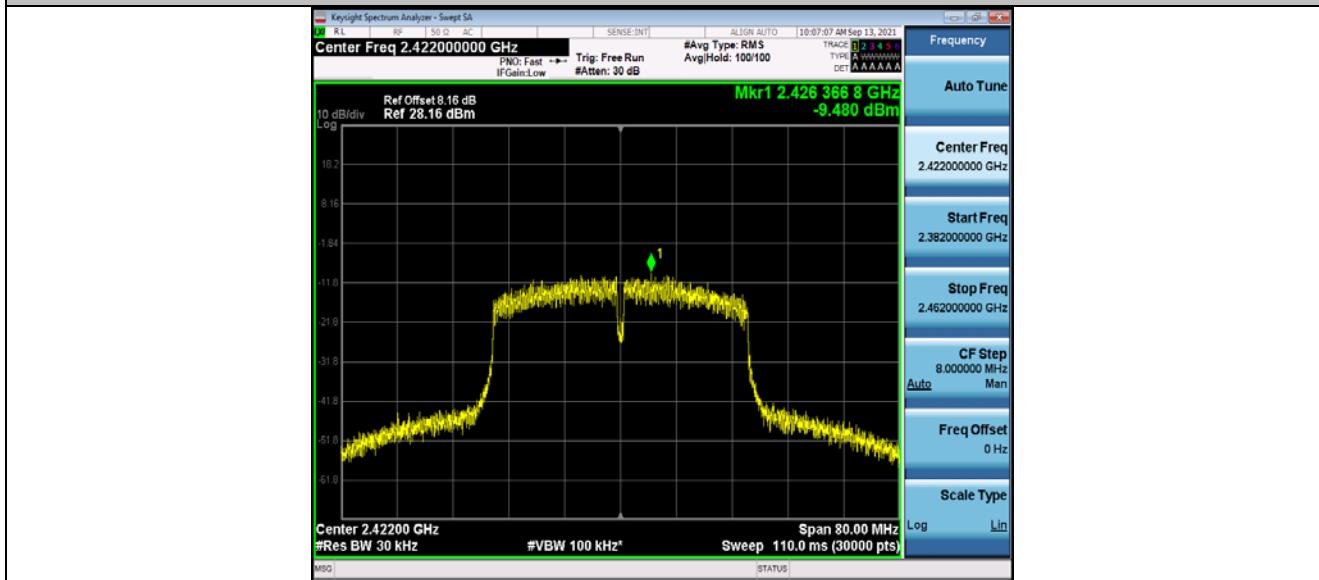
11N20SISO\_Ant1\_2437



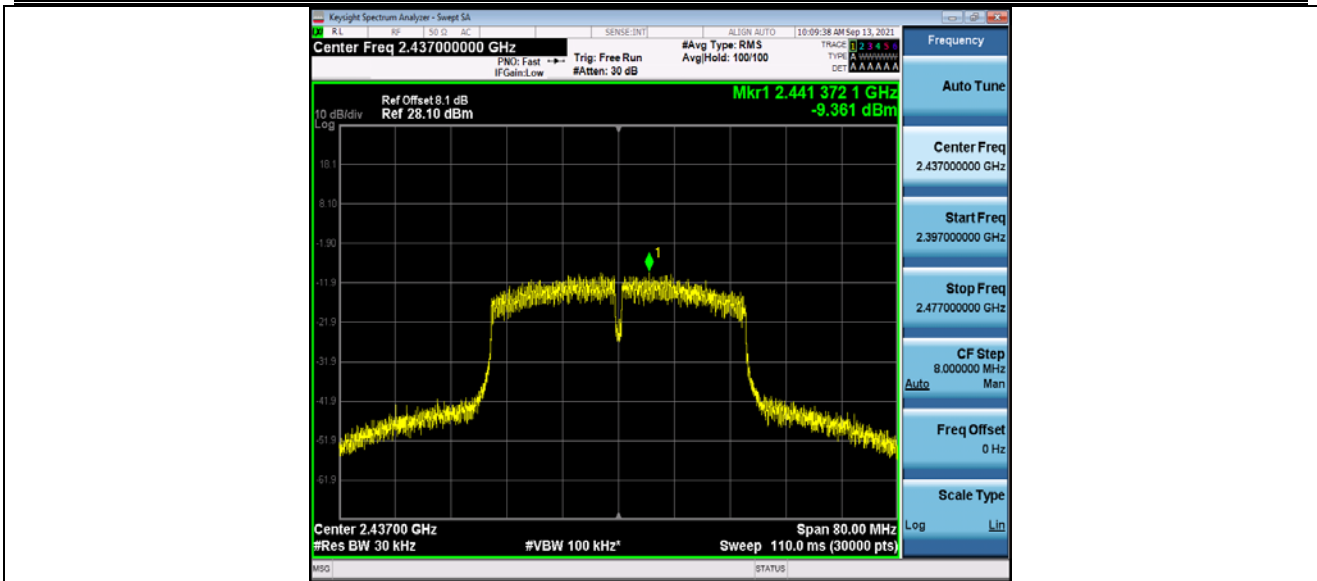
11N20SISO\_Ant1\_2462



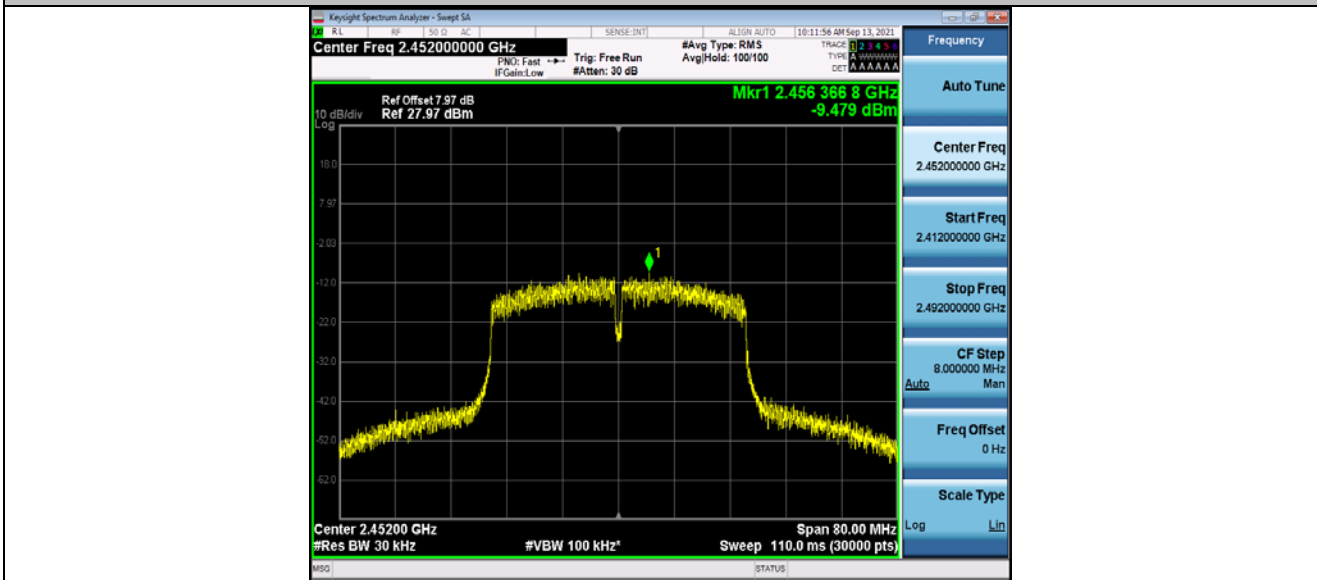
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452





## Appendix F: Band edge measurements

### Test Result

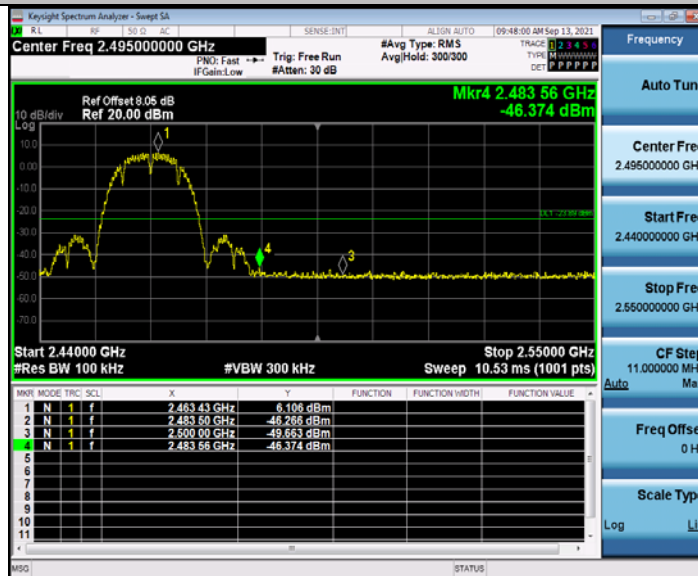
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.09	-30.19	≤-23.91	PASS
		High	2462	6.11	-46.37	≤-23.89	PASS
11G	Ant1	Low	2412	5.32	-30.51	≤-24.68	PASS
		High	2462	4.87	-40.77	≤-25.13	PASS
11N20SISO	Ant1	Low	2412	9.16	-27.66	≤-20.84	PASS
		High	2462	8.71	-37.07	≤-21.29	PASS
11N40SISO	Ant1	Low	2422	-6.41	-40.04	≤-36.41	PASS
		High	2452	2.51	-28.67	≤-27.49	PASS

### Test Graphs

11B\_Ant1\_Low\_2412



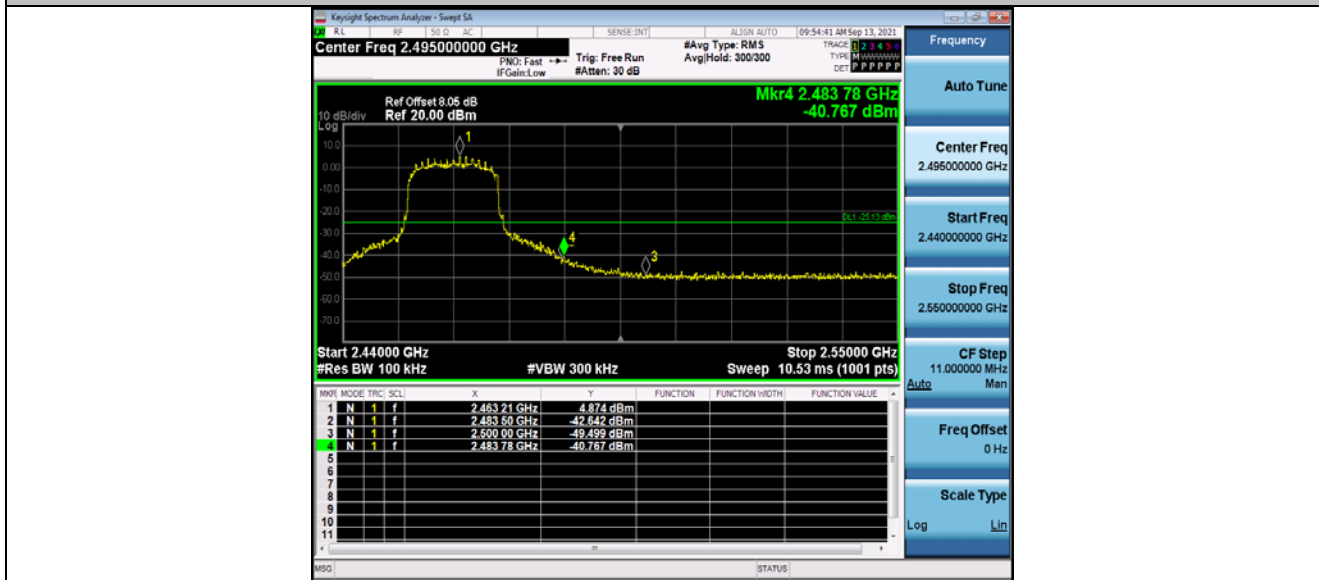
11B\_Ant1\_High\_2462



11G\_Ant1\_Low\_2412



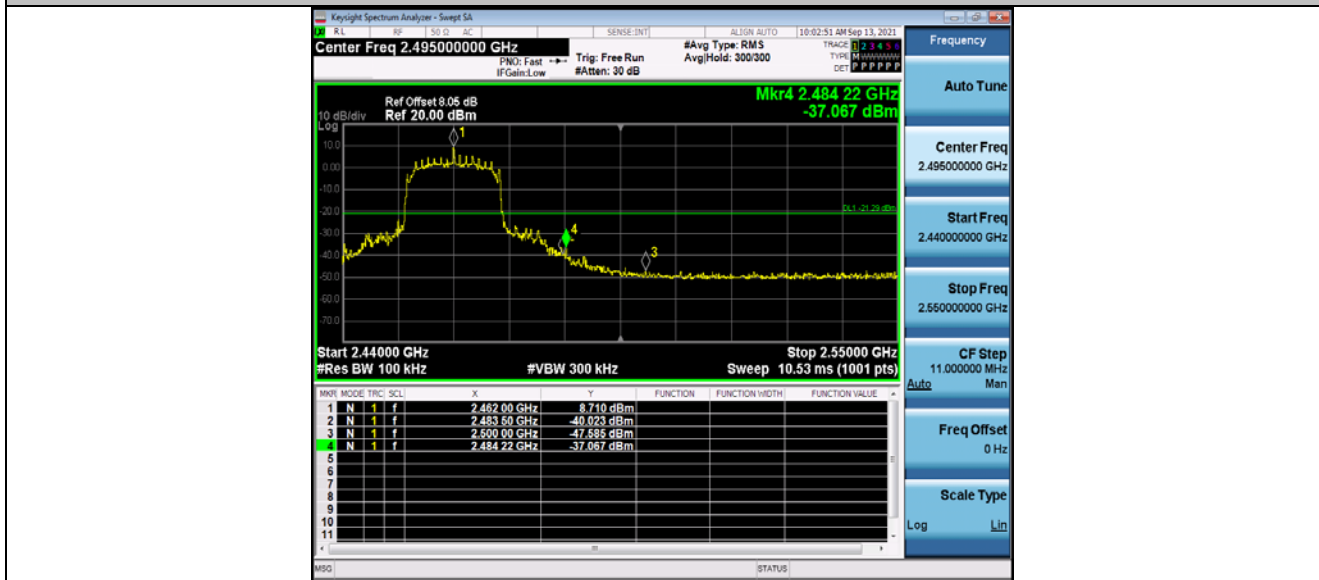
11G\_Ant1\_High\_2462



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	6.06	6.06	---	PASS
			30~1000	6.06	-58.52	≤-23.94	PASS
			1000~26500	6.06	-37.73	≤-23.94	PASS
		2437	Reference	6.21	6.21	---	PASS
			30~1000	6.21	-58.25	≤-23.79	PASS
			1000~26500	6.21	-38.24	≤-23.79	PASS
		2462	Reference	5.95	5.95	---	PASS
			30~1000	5.95	-58.95	≤-24.05	PASS
			1000~26500	5.95	-37.27	≤-24.05	PASS
11G	Ant1	2412	Reference	4.27	4.27	---	PASS
			30~1000	4.27	-59.33	≤-25.74	PASS
			1000~26500	4.27	-38.44	≤-25.74	PASS
		2437	Reference	4.77	4.77	---	PASS
			30~1000	4.77	-58.73	≤-25.23	PASS
			1000~26500	4.77	-38.34	≤-25.23	PASS
		2462	Reference	4.19	4.19	---	PASS
			30~1000	4.19	-59.12	≤-25.81	PASS
			1000~26500	4.19	-38.33	≤-25.81	PASS
11N20SISO	Ant1	2412	Reference	9.15	9.15	---	PASS
			30~1000	9.15	-59.25	≤-20.85	PASS
			1000~26500	9.15	-37.86	≤-20.85	PASS
		2437	Reference	9.02	9.02	---	PASS
			30~1000	9.02	-58.67	≤-20.98	PASS
			1000~26500	9.02	-38.24	≤-20.98	PASS
		2462	Reference	8.81	8.81	---	PASS
			30~1000	8.81	-58.69	≤-21.19	PASS
			1000~26500	8.81	-37.99	≤-21.19	PASS
11N40SISO	Ant1	2422	Reference	2.55	2.55	---	PASS
			30~1000	2.55	-59.09	≤-27.45	PASS
			1000~26500	2.55	-38.33	≤-27.45	PASS

		2437	Reference	2.76	2.76	---	PASS
			30~1000	2.76	-58.57	$\leq -27.24$	PASS
			1000~26500	2.76	-38.5	$\leq -27.24$	PASS
		2452	Reference	2.46	2.46	---	PASS
			30~1000	2.46	-59.09	$\leq -27.54$	PASS
			1000~26500	2.46	-38.07	$\leq -27.54$	PASS