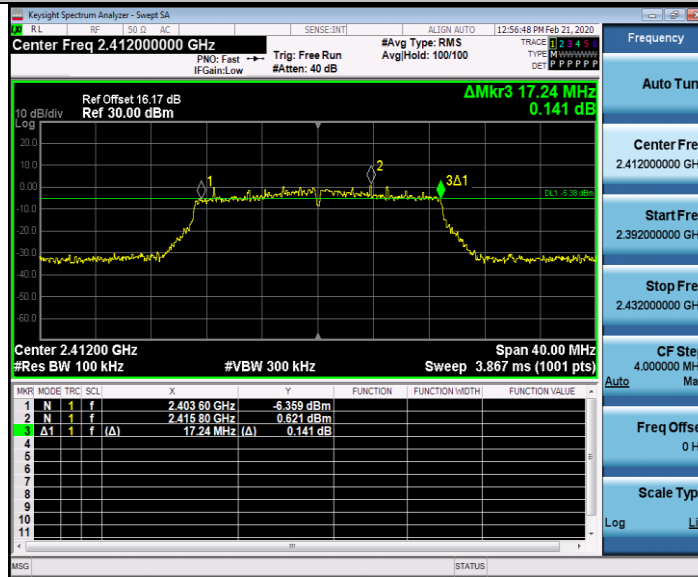
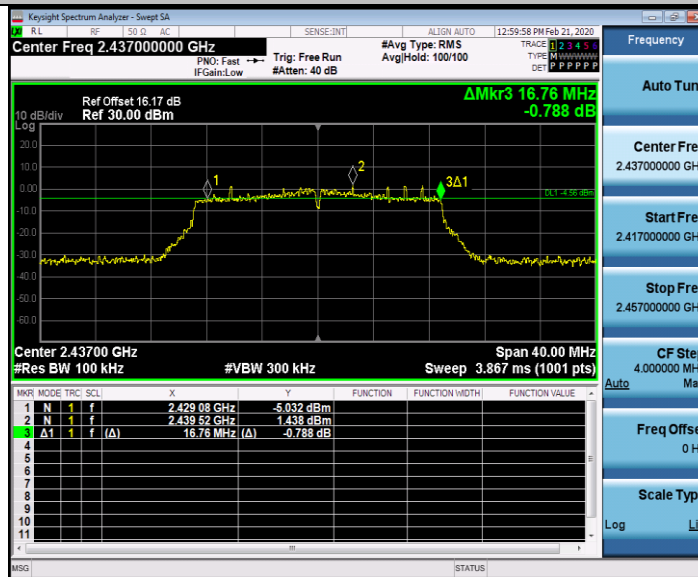
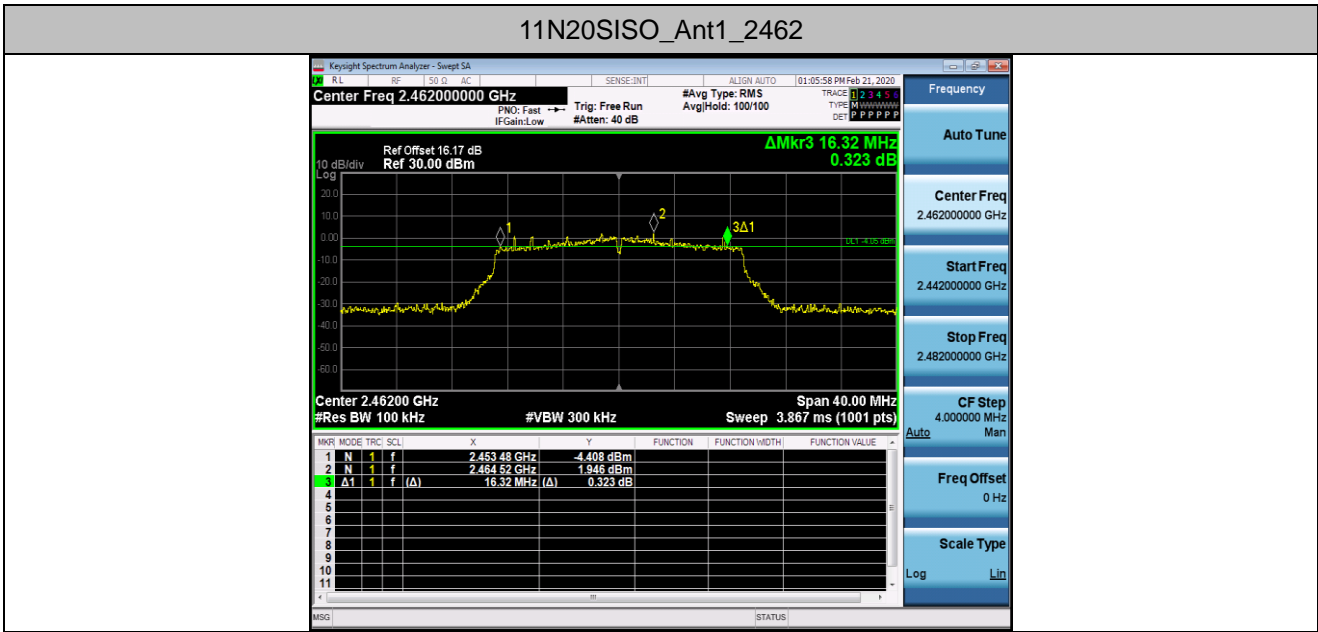


11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437





## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.373	2405.892	2418.265	---	PASS
		2437	12.263	2430.923	2443.186	---	PASS
		2462	12.258	2455.913	2468.171	---	PASS
11G	Ant1	2412	17.468	2403.309	2420.777	---	PASS
		2437	17.464	2428.269	2445.733	---	PASS
		2462	17.312	2453.383	2470.695	---	PASS
11N20SISO	Ant1	2412	18.442	2402.851	2421.293	---	PASS
		2437	18.435	2427.904	2446.339	---	PASS
		2462	18.321	2452.885	2471.206	---	PASS

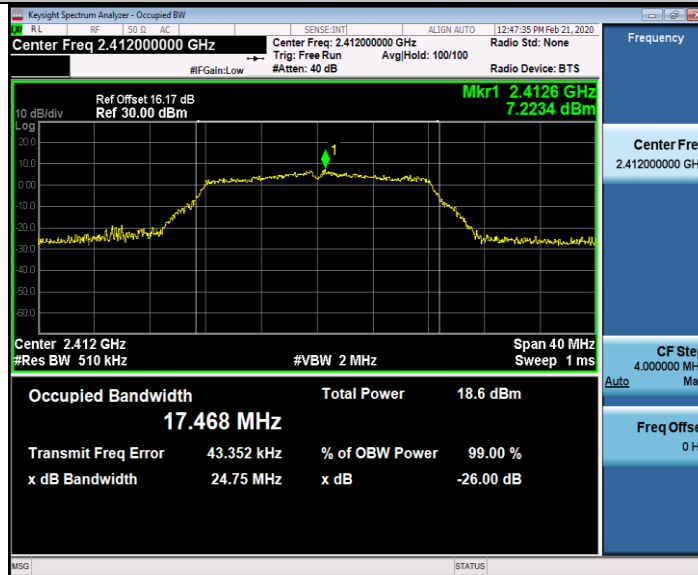
## Test Graphs



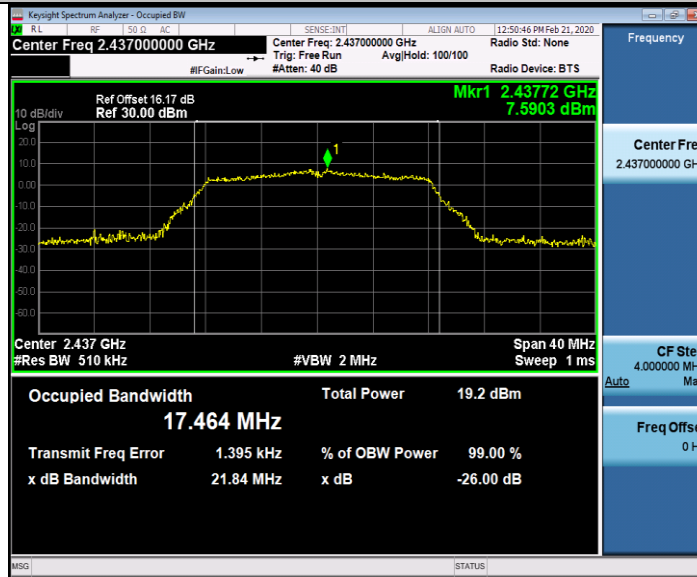
11B\_Ant1\_2462



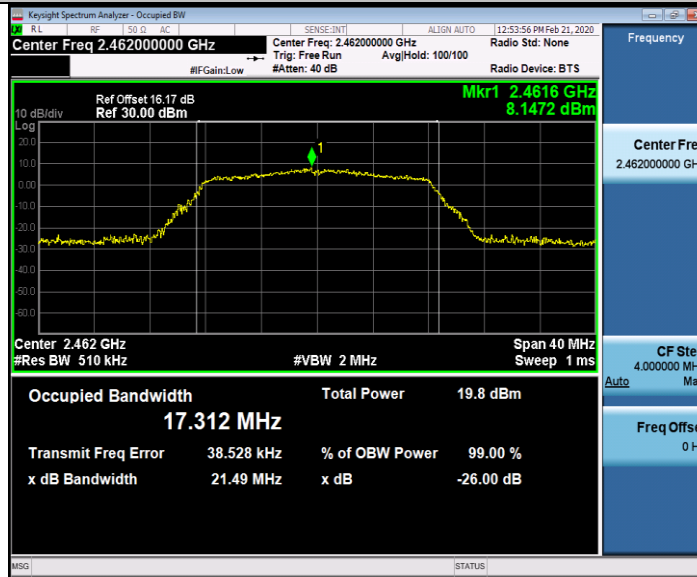
11G\_Ant1\_2412



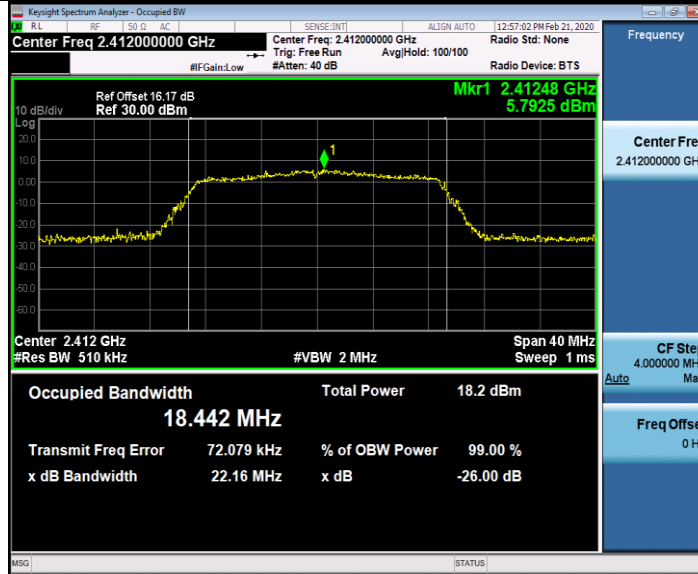
11G\_Ant1\_2437



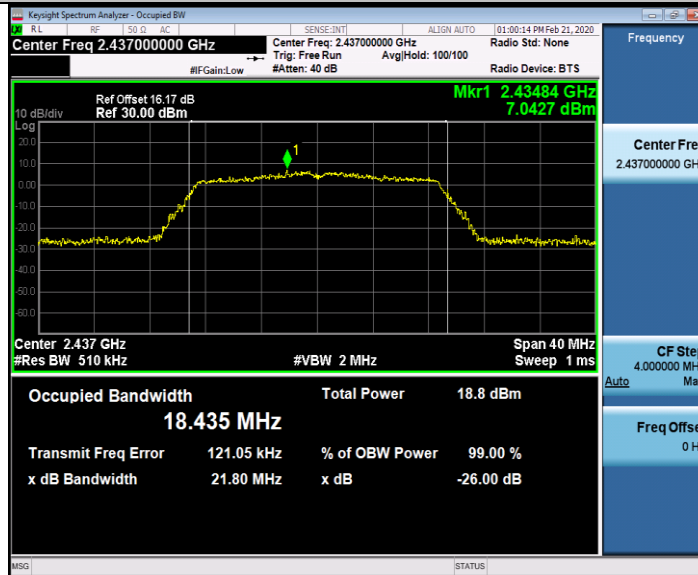
11G\_Ant1\_2462

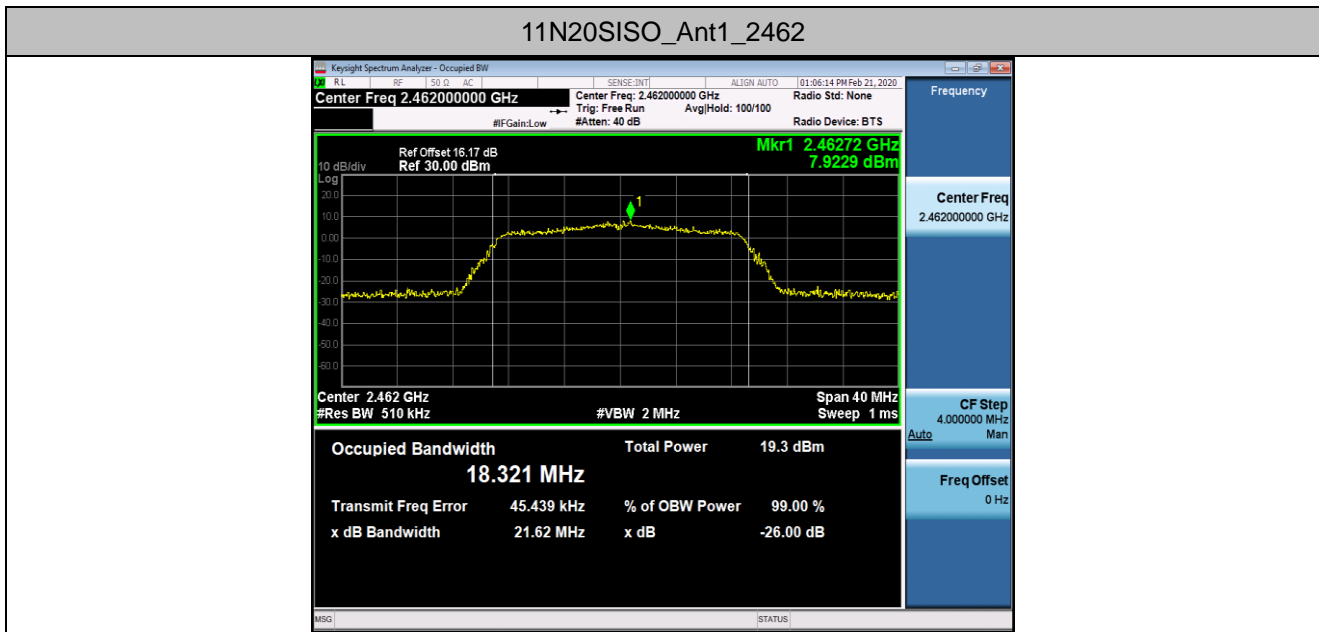


11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437







## Appendix C: Maximum conducted output power

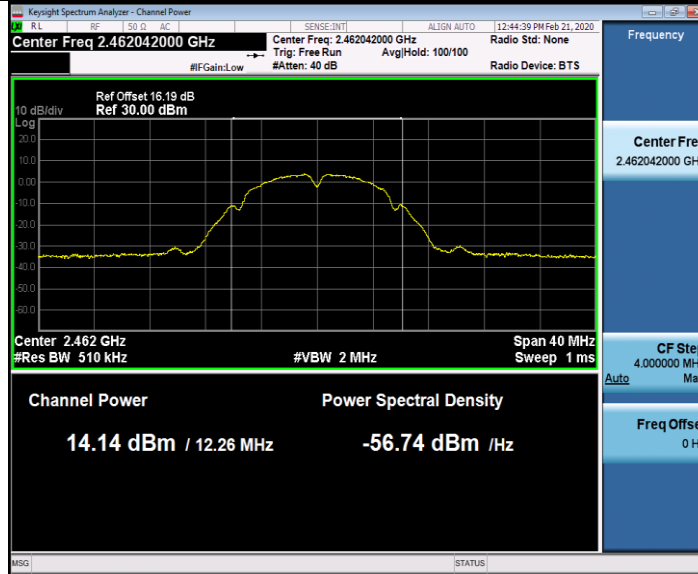
### Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	99.55	0.02	13.07	<=30	PASS
		2437	99.52	0.02	13.56	<=30	PASS
		2462	99.55	0.02	14.14	<=30	PASS
11G	Ant1	2412	96.83	0.14	12.41	<=30	PASS
		2437	96.83	0.14	13.19	<=30	PASS
		2462	96.83	0.14	13.69	<=30	PASS
11N20SISO	Ant1	2412	96.72	0.14	12.03	<=30	PASS
		2437	96.62	0.15	12.62	<=30	PASS
		2462	96.62	0.15	13.33	<=30	PASS

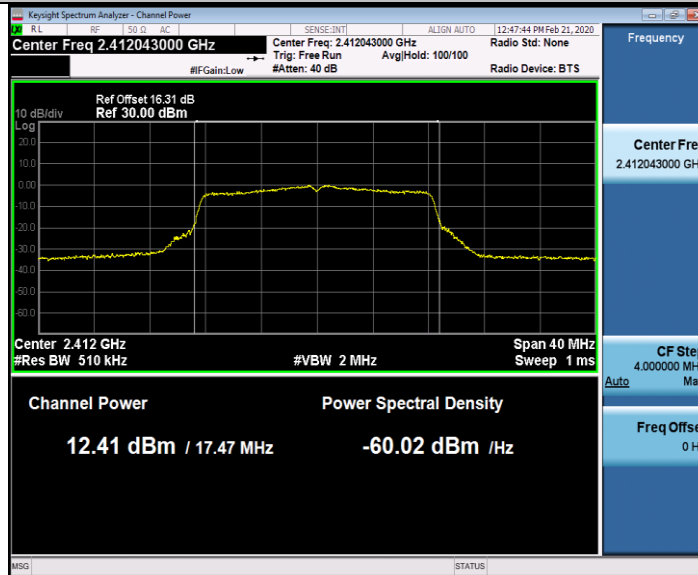
### Test Graphs



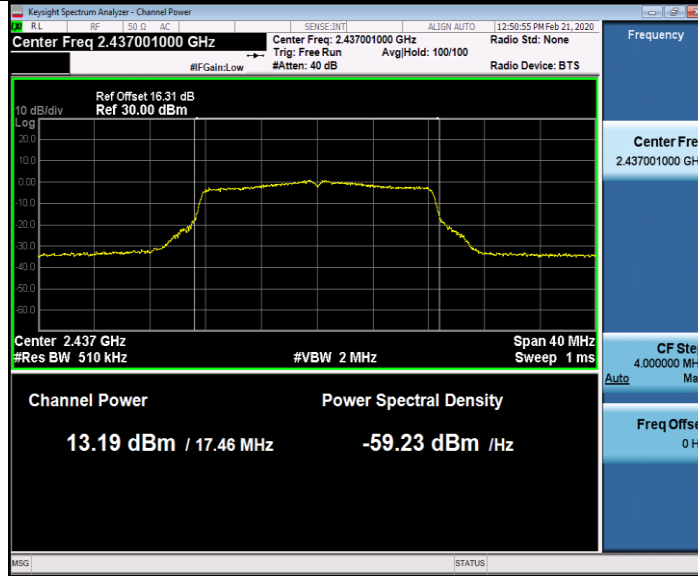
11B\_Ant1\_2462



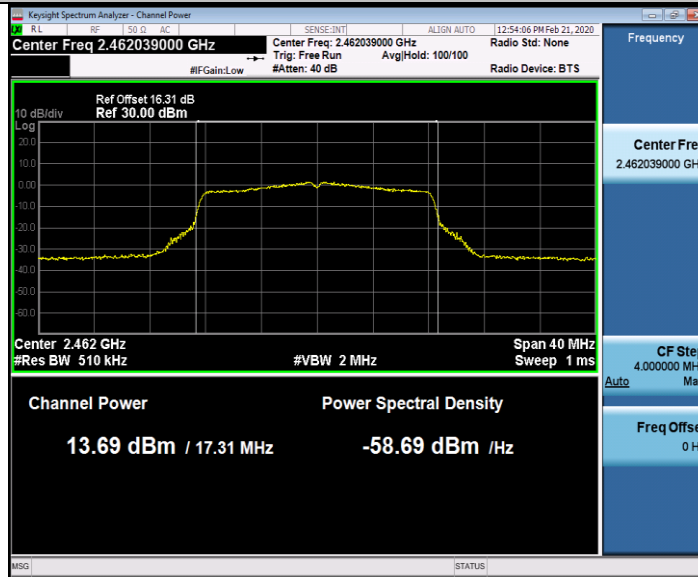
11G\_Ant1\_2412



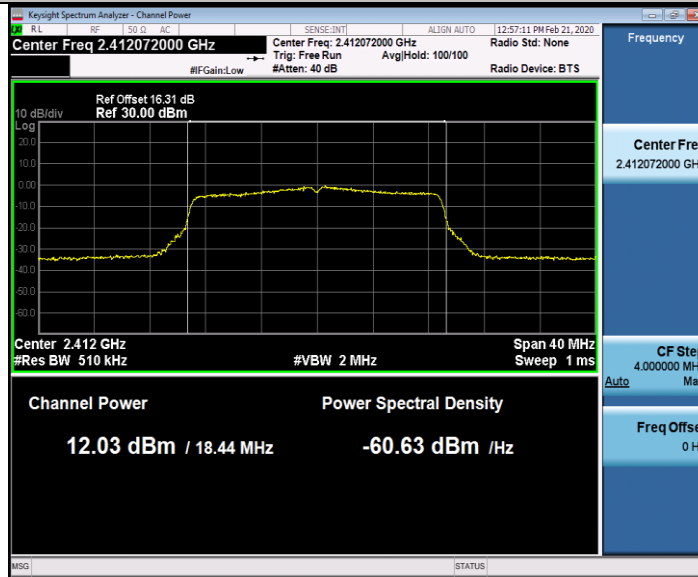
11G\_Ant1\_2437



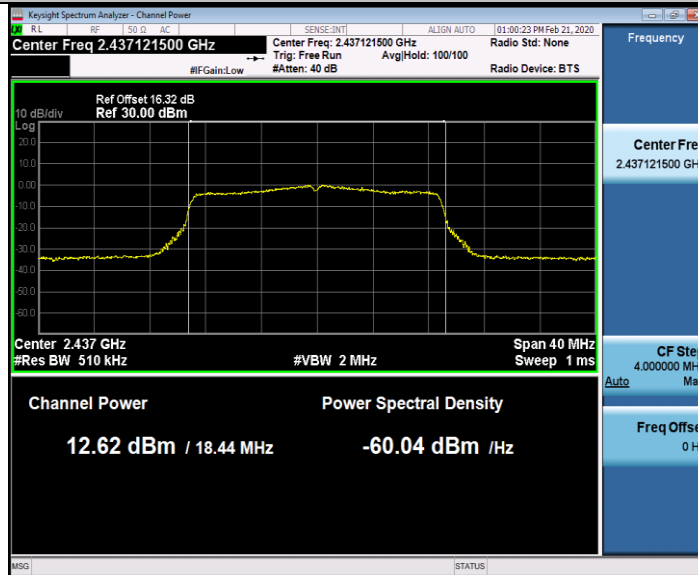
11G\_Ant1\_2462

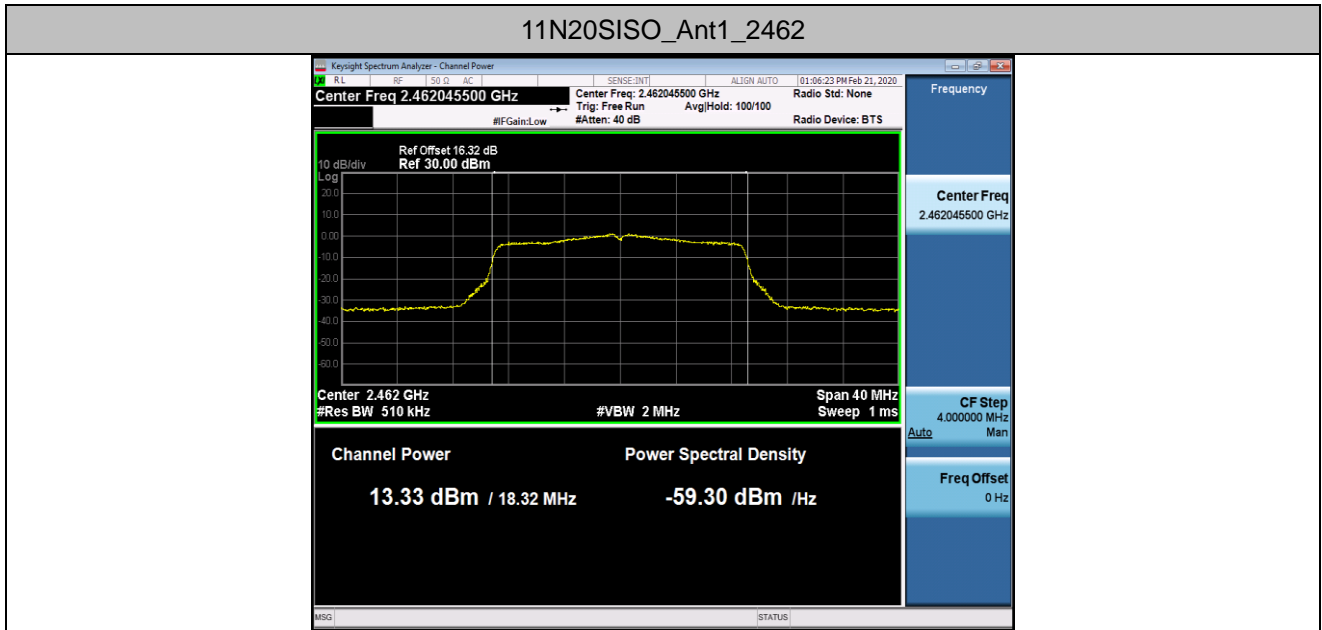


11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437





## Appendix D: Duty Cycle

### Test Result

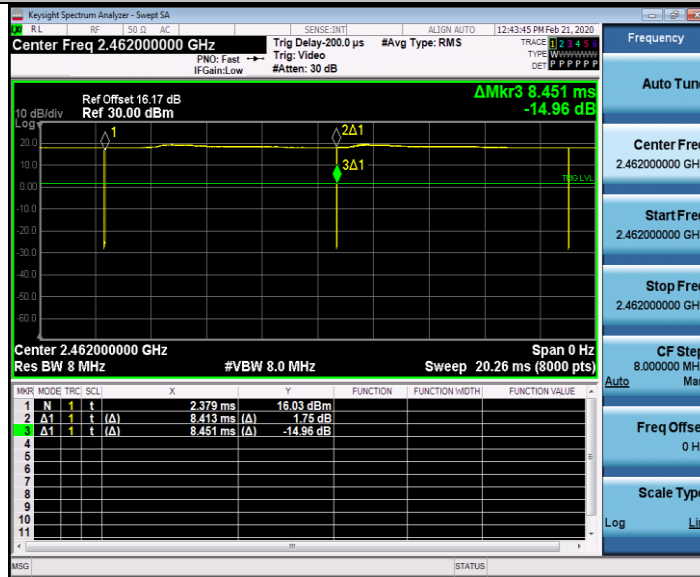
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.41	8.45	99.55
		2437	8.41	8.45	99.52
		2462	8.41	8.45	99.55
11G	Ant1	2412	1.39	1.44	96.83
		2437	1.39	1.44	96.83
		2462	1.39	1.44	96.83
11N20SISO	Ant1	2412	1.31	1.35	96.72
		2437	1.30	1.35	96.62
		2462	1.30	1.35	96.62

### Test Graphs

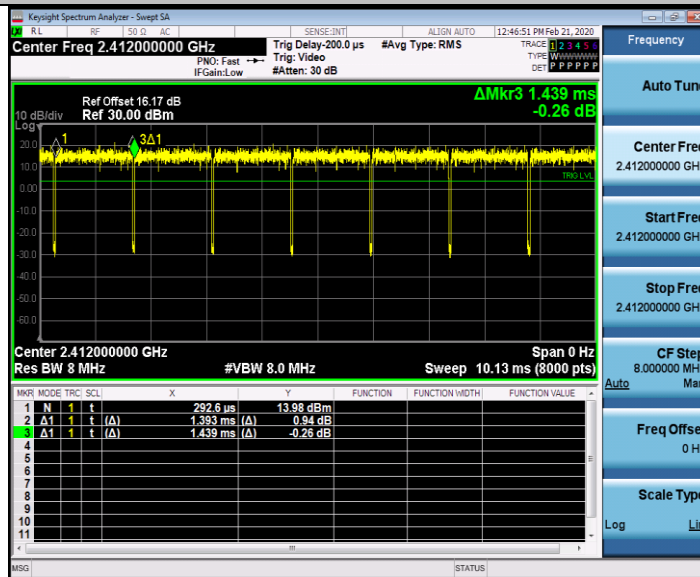




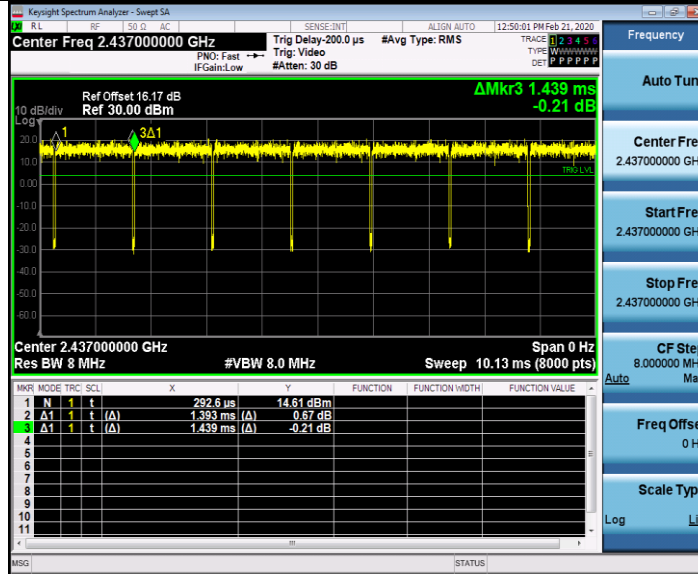
## 11B\_Ant1\_2462



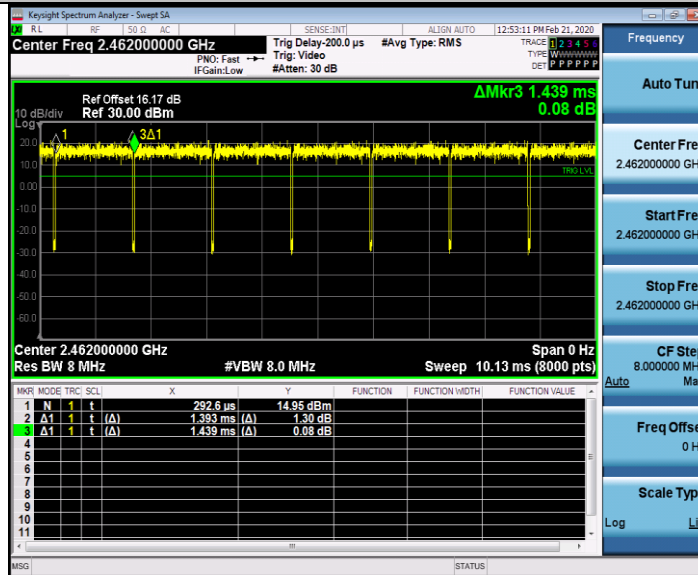
## 11G\_Ant1\_2412



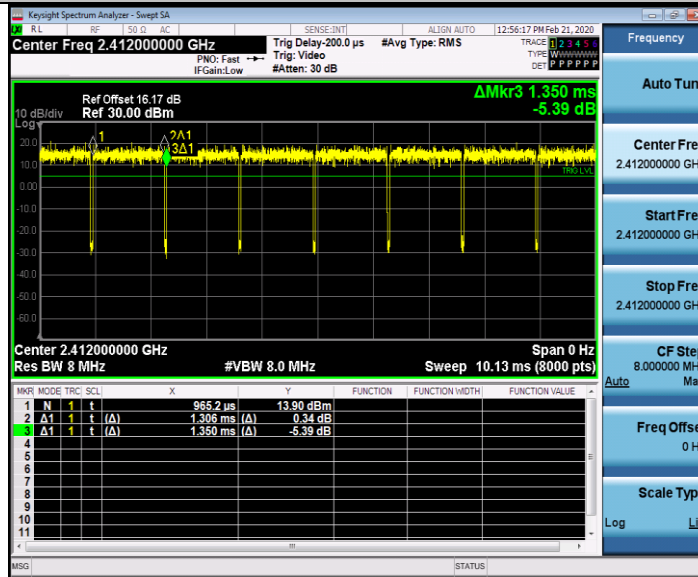
11G\_Ant1\_2437



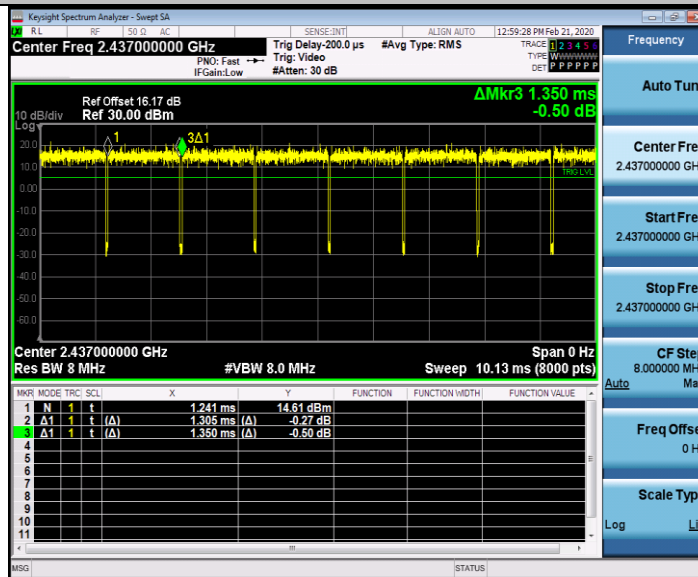
11G\_Ant1\_2462



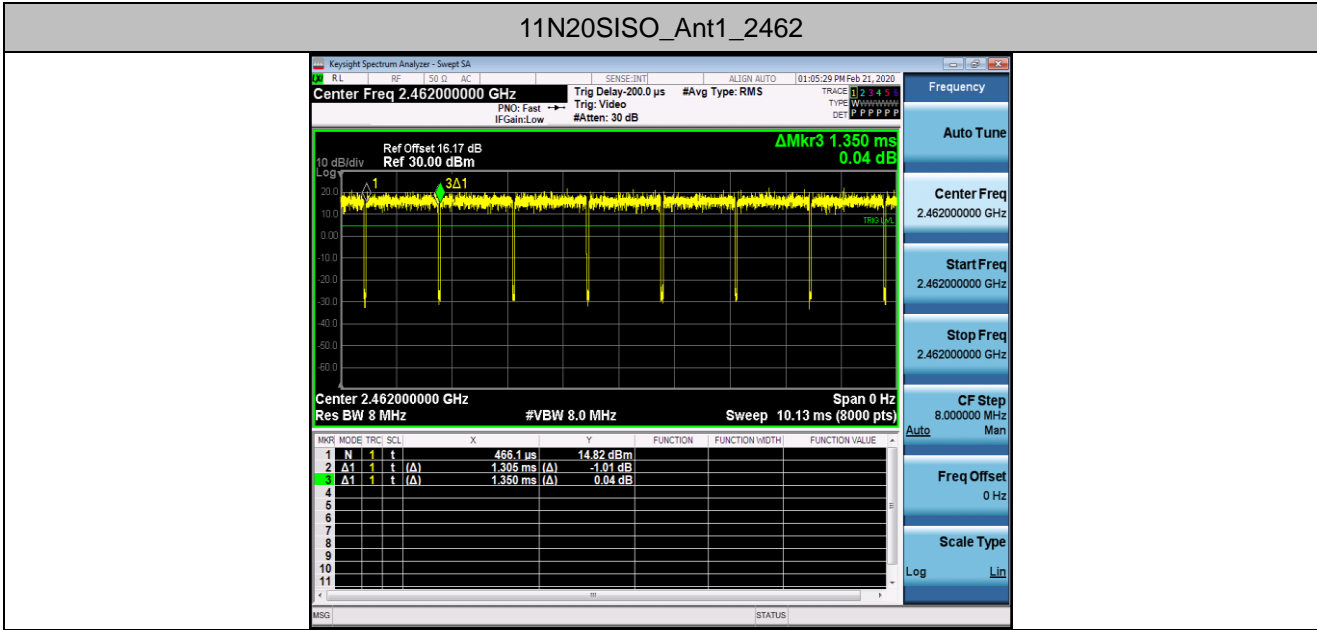
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



## 11N20SISO\_Ant1\_2462



## Appendix E: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	99.55	0.02	-8.51	-18.51	<=8	PASS
		2437	99.52	0.02	-7.76	-17.76	<=8	PASS
		2462	99.55	0.02	-7.38	-17.38	<=8	PASS
11G	Ant1	2412	96.83	0.14	-9.79	-19.79	<=8	PASS
		2437	96.83	0.14	-8.83	-18.83	<=8	PASS
		2462	96.83	0.14	-7.79	-17.79	<=8	PASS
11N20SISO	Ant1	2412	96.72	0.14	-10.67	-20.67	<=8	PASS
		2437	96.62	0.15	-9.92	-19.92	<=8	PASS
		2462	96.62	0.15	-8.9	-18.9	<=8	PASS

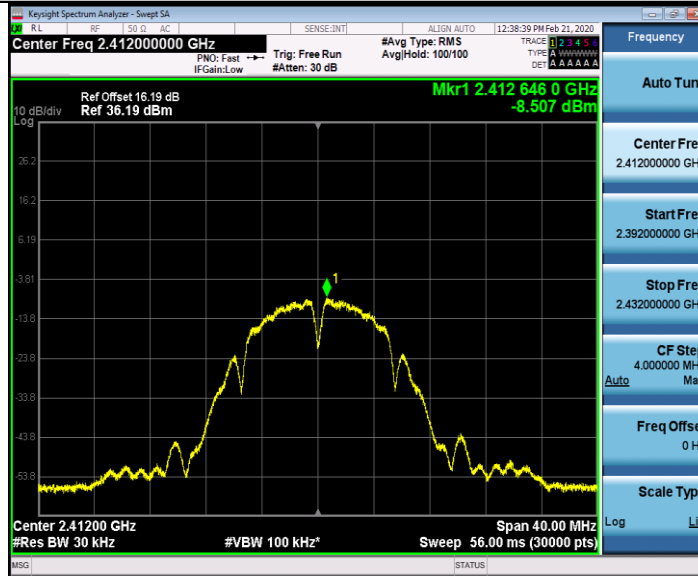
Note:

calculating the RBW=3kHz value

-8.51 (AV.PSD At RBW=30kHz)-10\*log(30/3)=-18.51(AV.PSD At RBW=3kHz)

### Test Graphs

11B\_Ant1\_2412



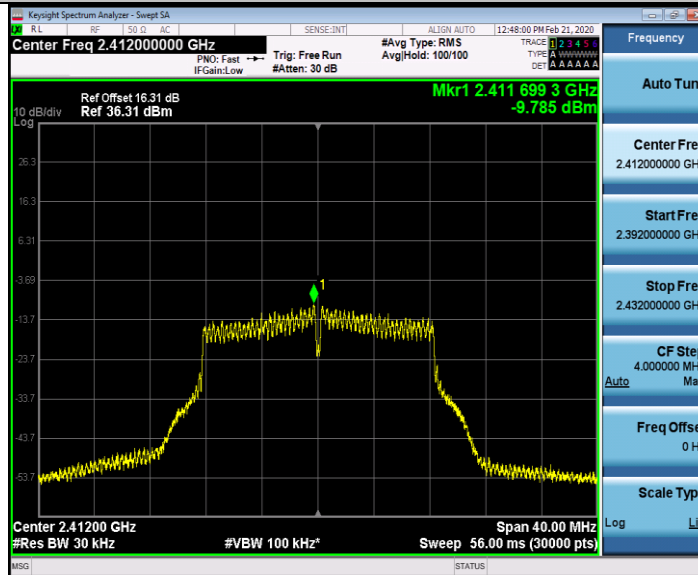
11B\_Ant1\_2437



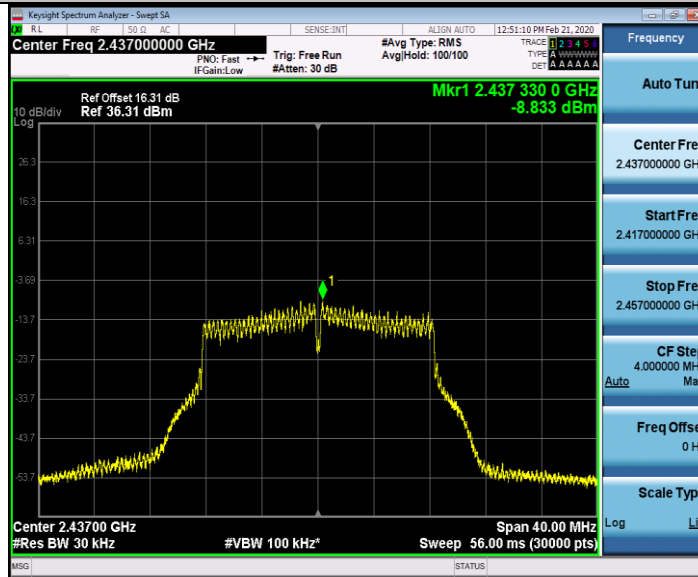
11B\_Ant1\_2462



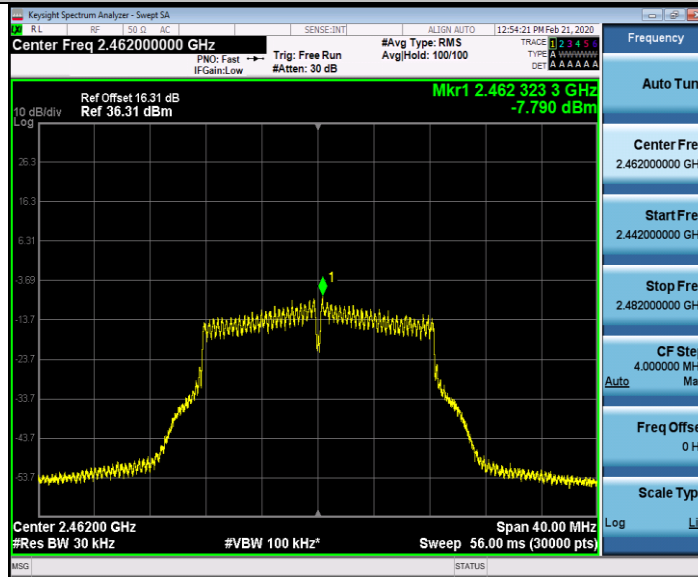
11G\_Ant1\_2412



11G\_Ant1\_2437

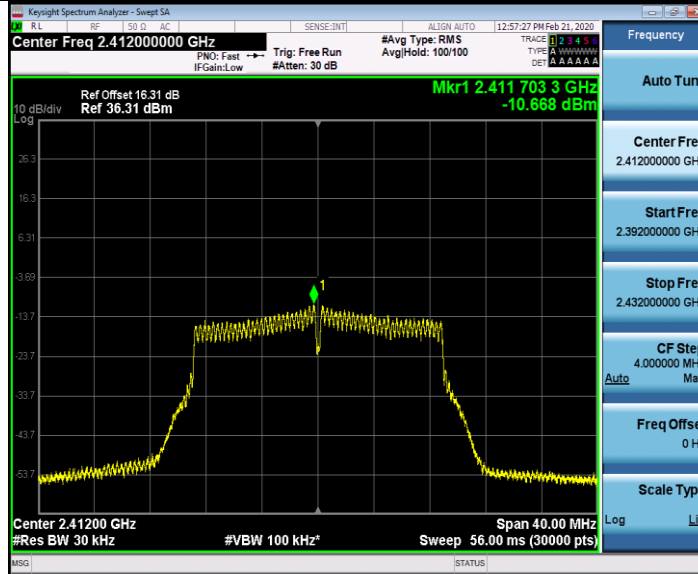


11G\_Ant1\_2462

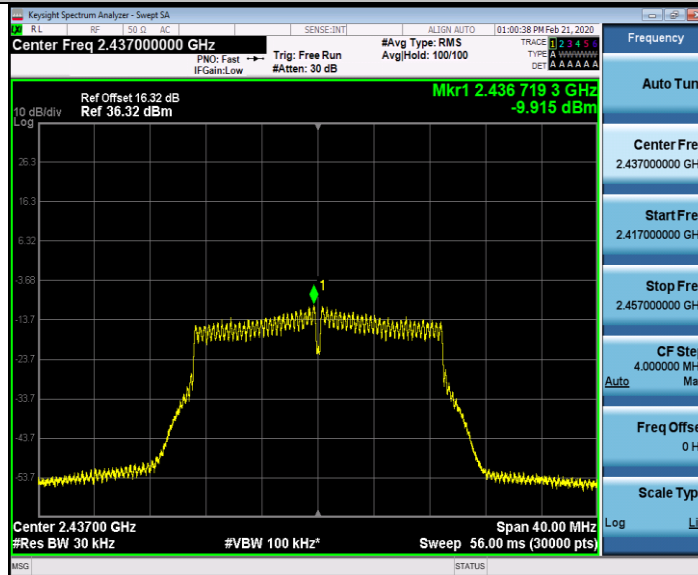


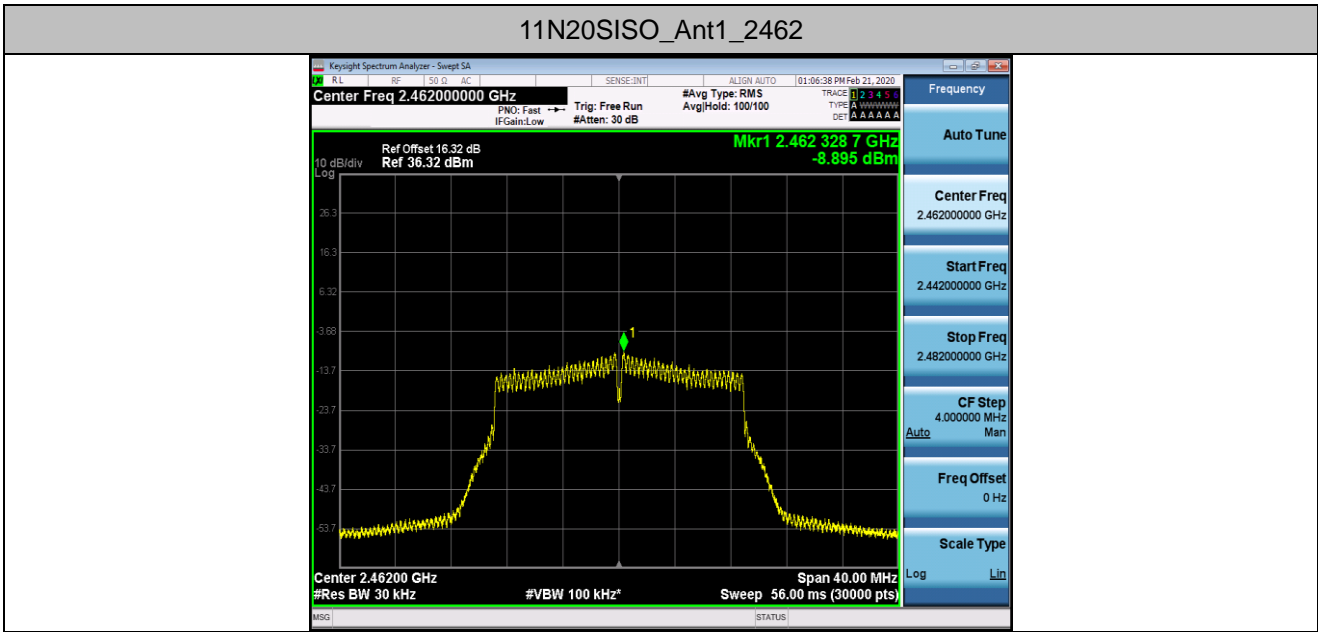


11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437





## Appendix F: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.74	-35.23	<=-23.26	PASS
		High	2462	7.91	-37.78	<=-22.09	PASS
11G	Ant1	Low	2412	3.34	-27.37	<=-26.67	PASS
		High	2462	4.01	-36.92	<=-25.99	PASS
11N20SISO	Ant1	Low	2412	3.13	-29.14	<=-26.87	PASS
		High	2462	4.24	-36.89	<=-25.76	PASS

### Test Graphs

11B\_Ant1\_Low\_2412



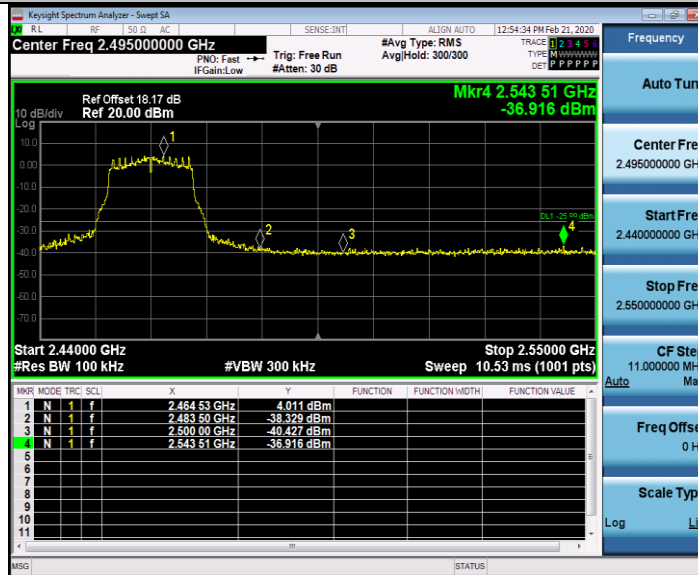
11B\_Ant1\_High\_2462



### 11G\_Ant1\_Low\_2412



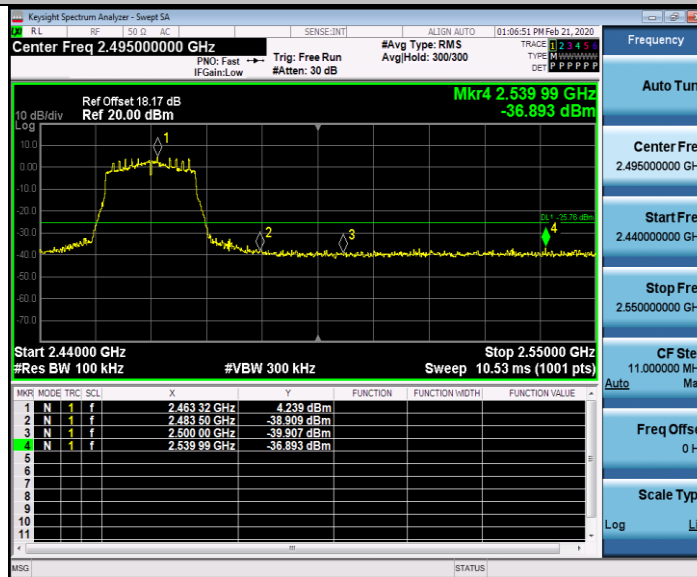
### 11G\_Ant1\_High\_2462



## 11N20SISO\_Ant1\_Low\_2412



## 11N20SISO\_Ant1\_High\_2462

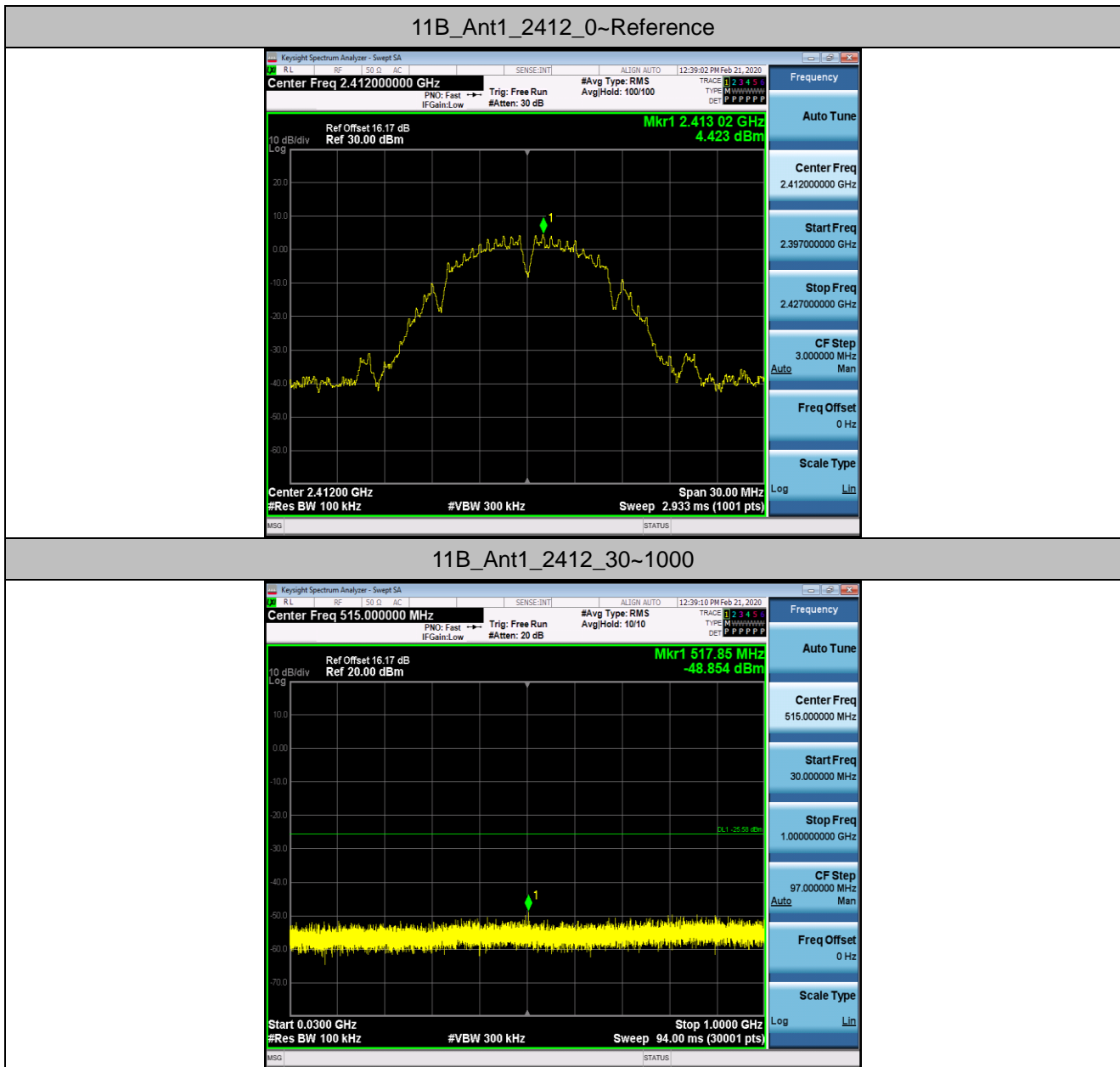


## Appendix G: Conducted Spurious Emission

### Test Result

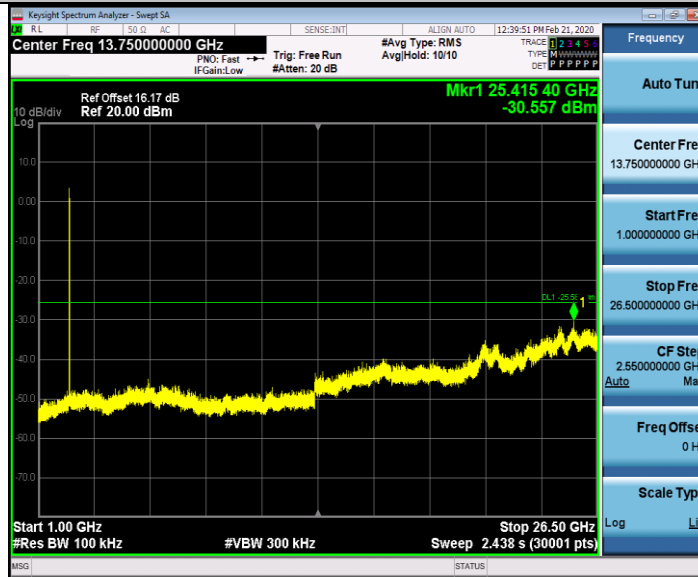
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.42	4.42	---	PASS
			30~1000	30~1000	-48.854	<=-25.577	PASS
			1000~26500	1000~26500	-30.557	<=-25.577	PASS
		2437	Reference	5.34	5.34	---	PASS
			30~1000	30~1000	-49.779	<=-24.659	PASS
			1000~26500	1000~26500	-30.987	<=-24.659	PASS
		2462	Reference	5.86	5.86	---	PASS
			30~1000	30~1000	-49.621	<=-24.141	PASS
			1000~26500	1000~26500	-30.776	<=-24.141	PASS
11G	Ant1	2412	Reference	0.65	0.65	---	PASS
			30~1000	30~1000	-49.674	<=-29.353	PASS
			1000~26500	1000~26500	-31.682	<=-29.353	PASS
		2437	Reference	1.40	1.40	---	PASS
			30~1000	30~1000	-49.74	<=-28.605	PASS
			1000~26500	1000~26500	-30.863	<=-28.605	PASS
		2462	Reference	2.04	2.04	---	PASS
			30~1000	30~1000	-47.733	<=-27.959	PASS
			1000~26500	1000~26500	-31.388	<=-27.959	PASS
11N20SISO	Ant1	2412	Reference	0.59	0.59	---	PASS
			30~1000	30~1000	-48.879	<=-29.407	PASS
			1000~26500	1000~26500	-31.404	<=-29.407	PASS
		2437	Reference	1.23	1.23	---	PASS
			30~1000	30~1000	-49.71	<=-28.775	PASS
			1000~26500	1000~26500	-31.394	<=-28.775	PASS
		2462	Reference	2.63	2.63	---	PASS
			30~1000	30~1000	-49.04	<=-27.371	PASS
			1000~26500	1000~26500	-31.374	<=-27.371	PASS

### Test Graphs





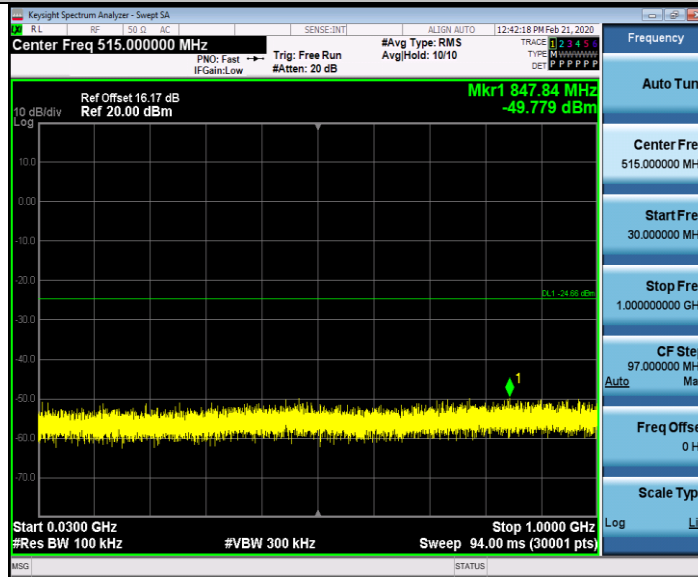
11B\_Ant1\_2412\_1000~26500



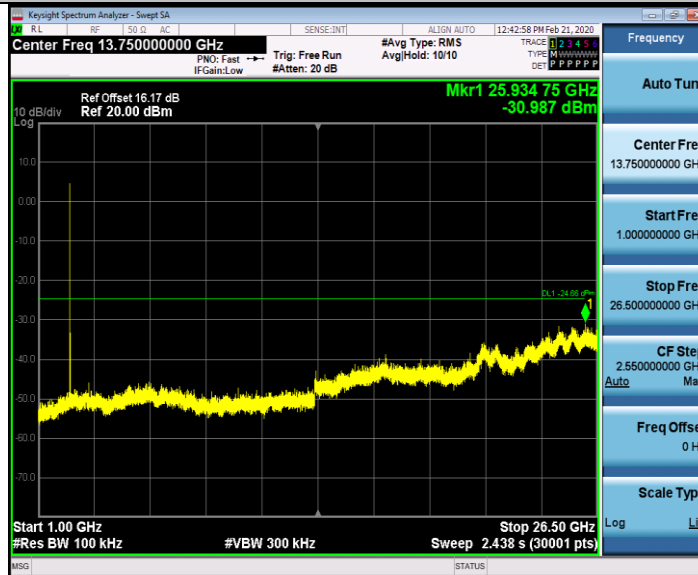
11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_30~1000



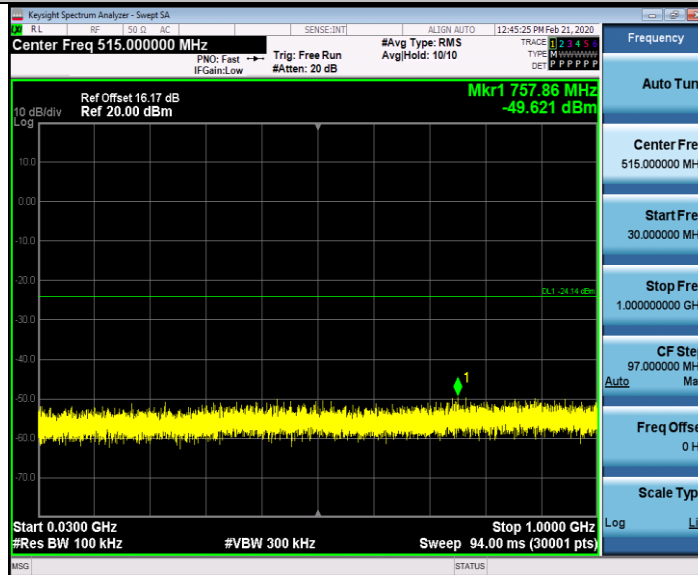
11B\_Ant1\_2437\_1000~26500



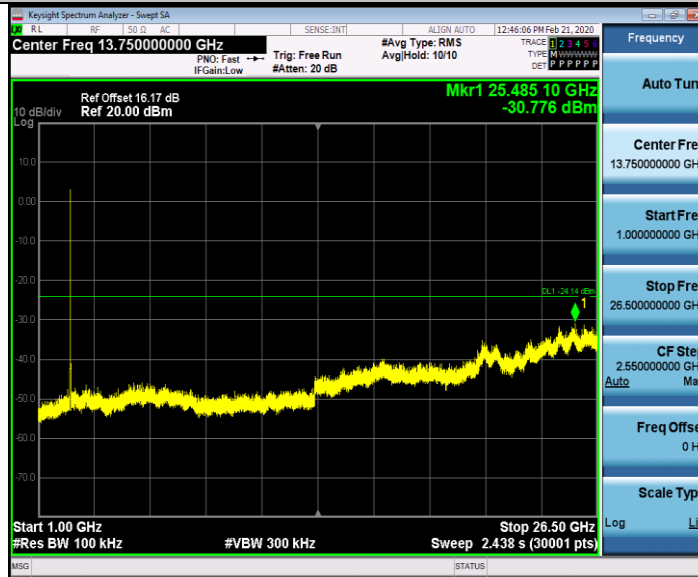
11B\_Ant1\_2462\_0~Reference



11B\_Ant1\_2462\_30~1000



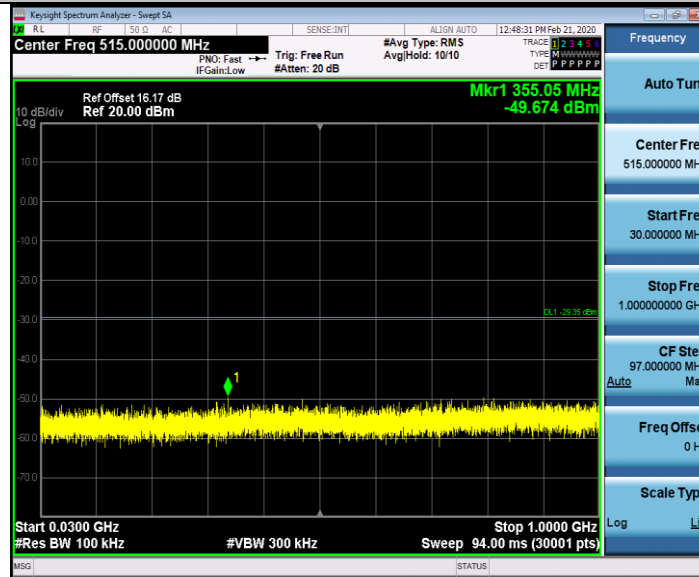
11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference



11G\_Ant1\_2412\_30~1000



11G\_Ant1\_2412\_1000~26500



11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000

