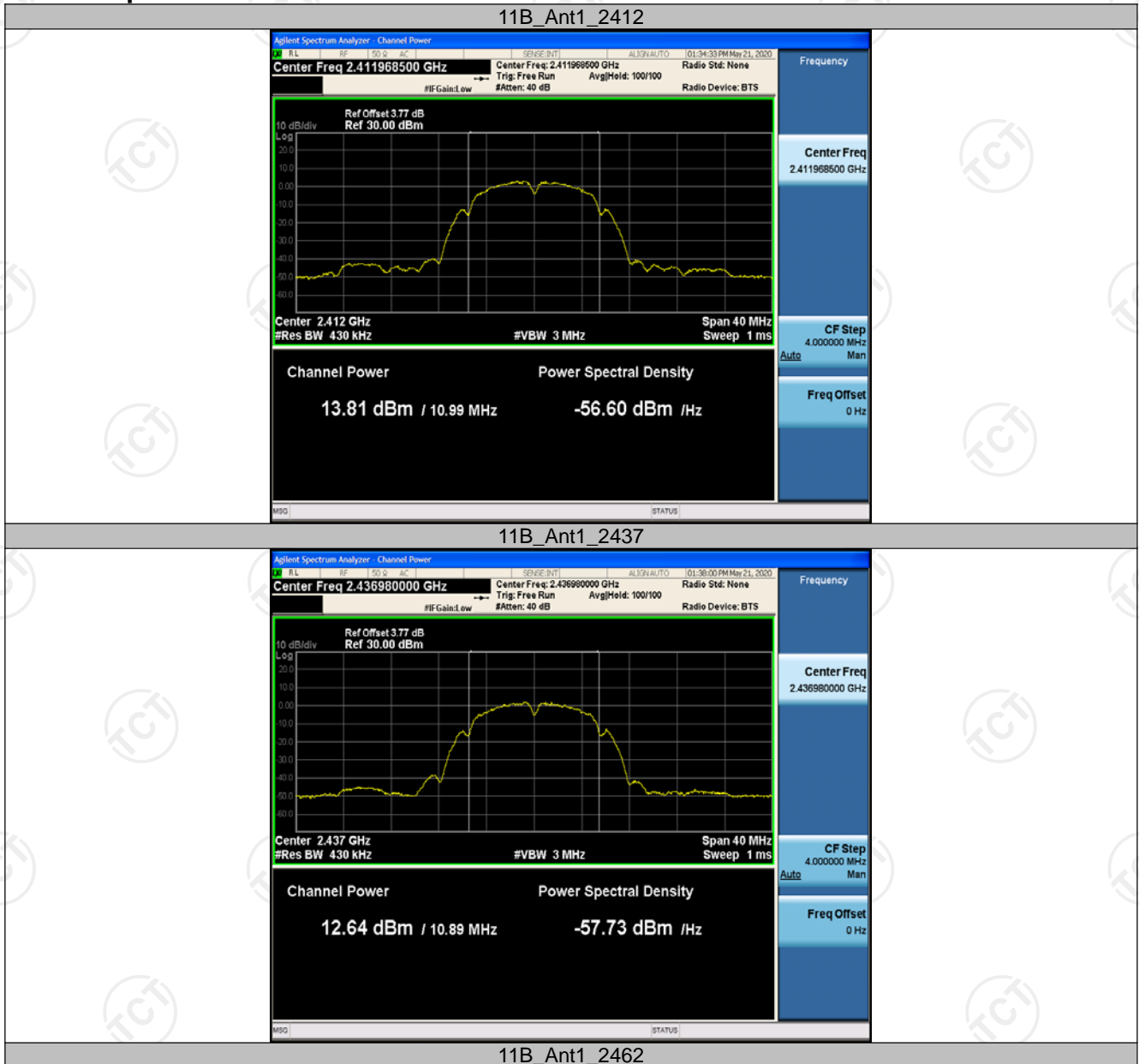


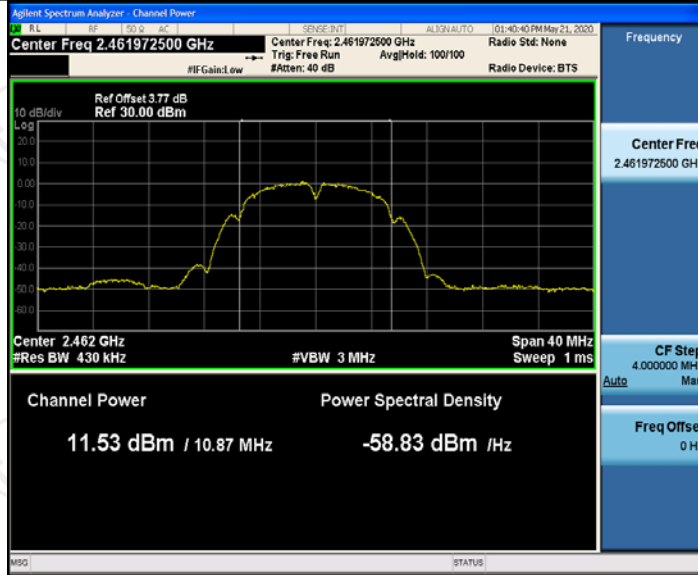
**Maximum conducted output power**

**Test Result**

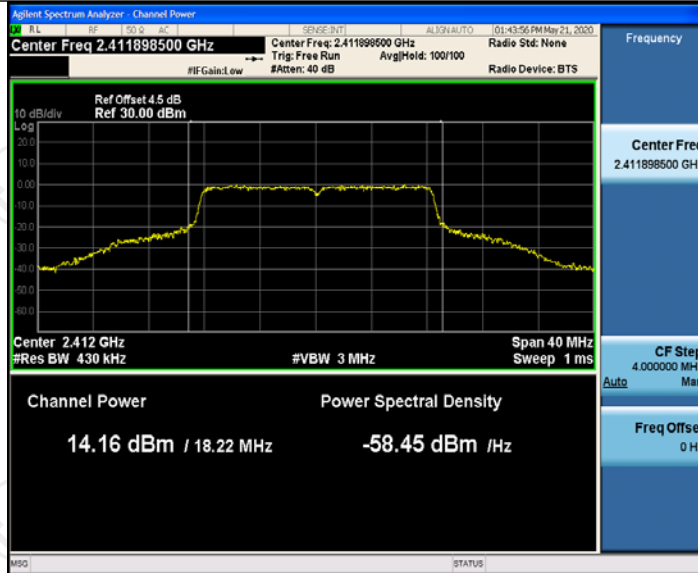
TestMode	Antenna	Channel	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.81	<=30	PASS
		2437	12.64	<=30	PASS
		2462	11.53	<=30	PASS
11G	Ant1	2412	14.16	<=30	PASS
		2437	13.27	<=30	PASS
		2462	12.49	<=30	PASS
11N20SISO	Ant1	2412	13.88	<=30	PASS
		2437	13.17	<=30	PASS
		2462	11.97	<=30	PASS

Test Graphs

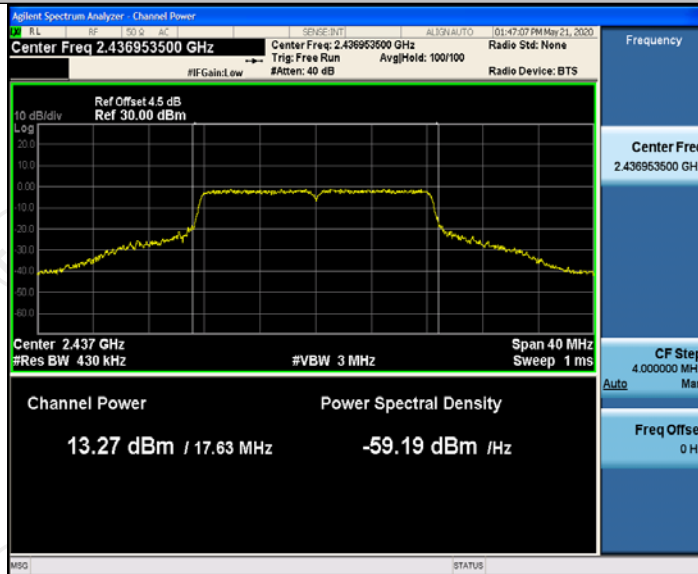




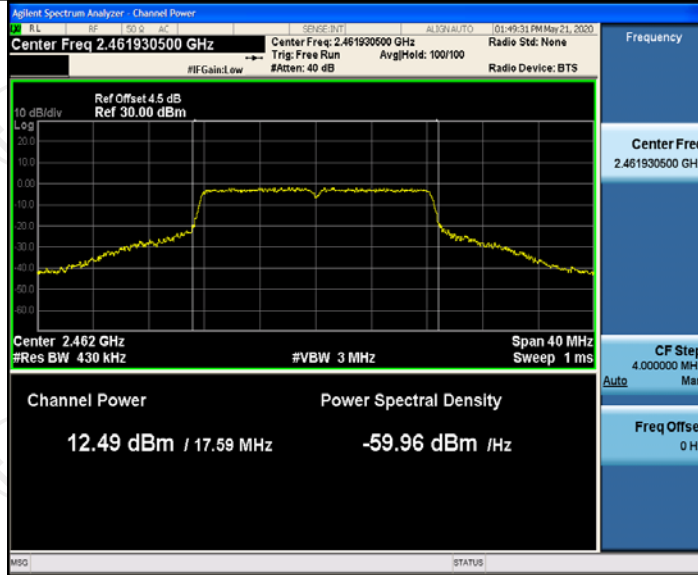
11G\_Ant1\_2412



11G\_Ant1\_2437



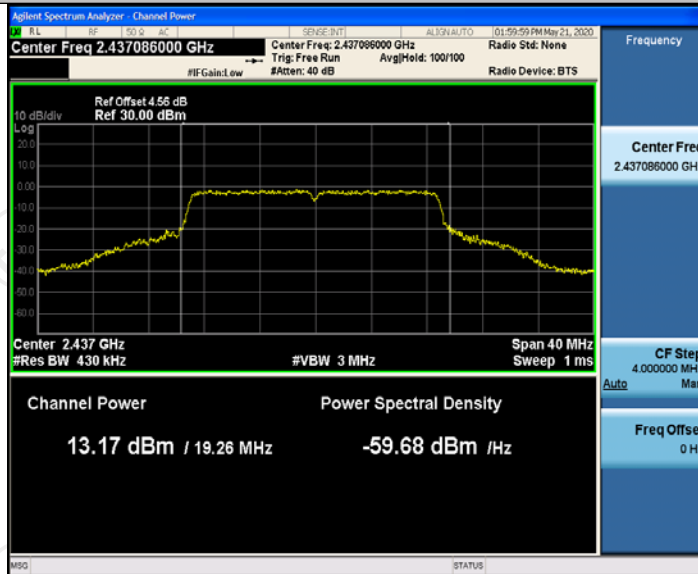
11G\_Ant1\_2462



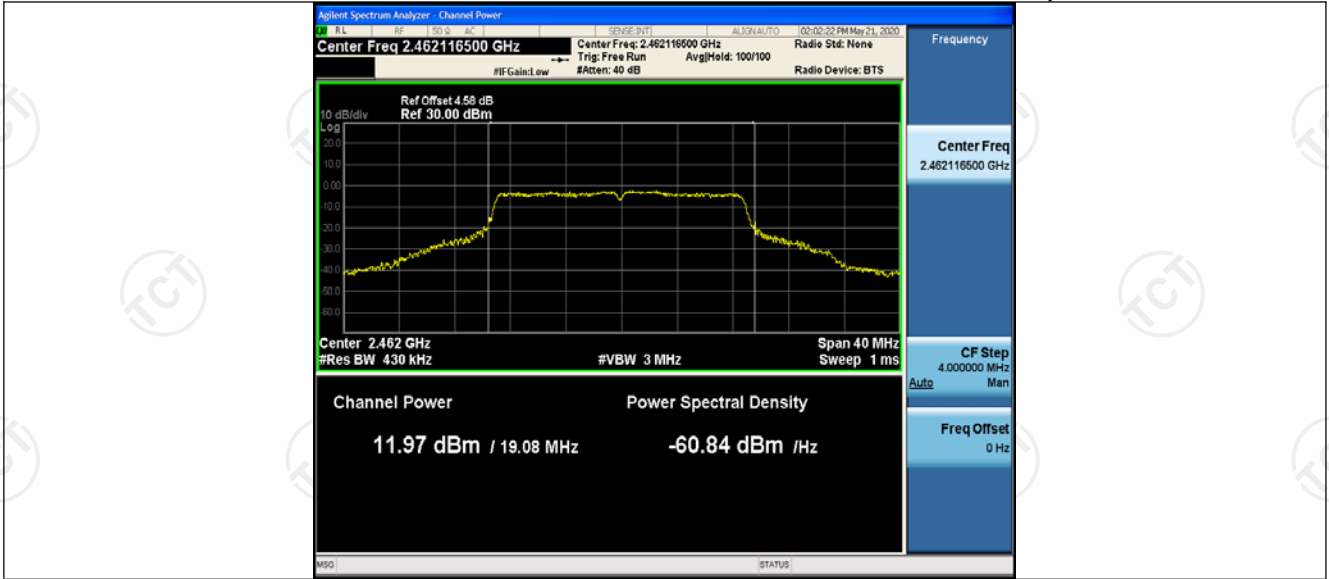
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2417



11N20SISO\_Ant1\_2426



## Maximum power spectral density

### Test Result

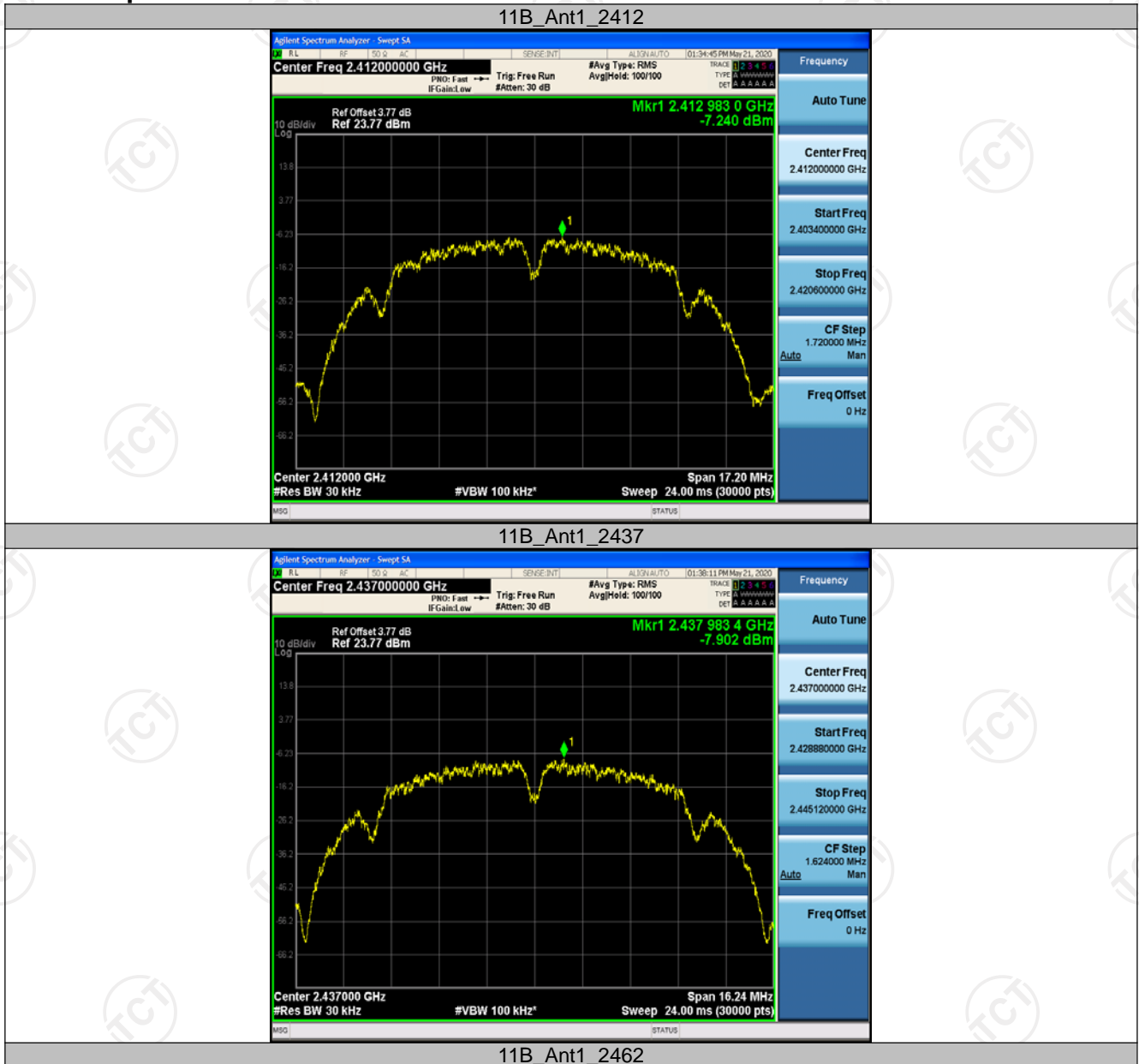
Mode	Channel	Meas.Level [dBm/30KHz]	Meas.Level [dBm/3KHz]	Verdict
11B	LCH	-7.24	-17.24	PASS
11B	MCH	-7.9	-17.9	PASS
11B	HCH	-8.05	-18.05	PASS
11G	LCH	-8.94	-18.94	PASS
11G	MCH	-7.78	-17.78	PASS
11G	HCH	-9.98	-19.98	PASS
11N20SISO	LCH	-9.12	-19.12	PASS
11N20SISO	MCH	-9.26	-19.26	PASS
11N20SISO	HCH	-10.02	-20.02	PASS

**Note:** Compensate 10dB is for Exchange rate of RBW

Exchange rate of RBW =  $10 \cdot \log_{10}(\text{Reference bandwidth}/\text{RBW at measurement}) = -10[\text{dB}]$

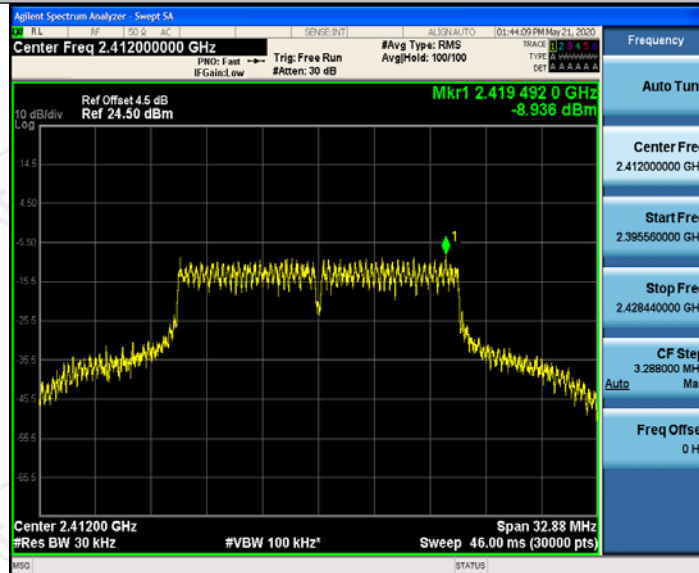
where Reference bandwidth = 3 KHz

Test Graphs

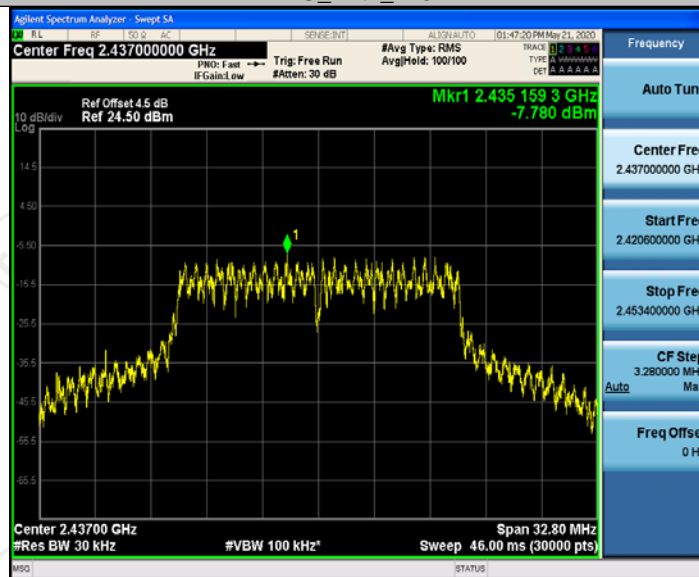




11G\_Ant1\_2412

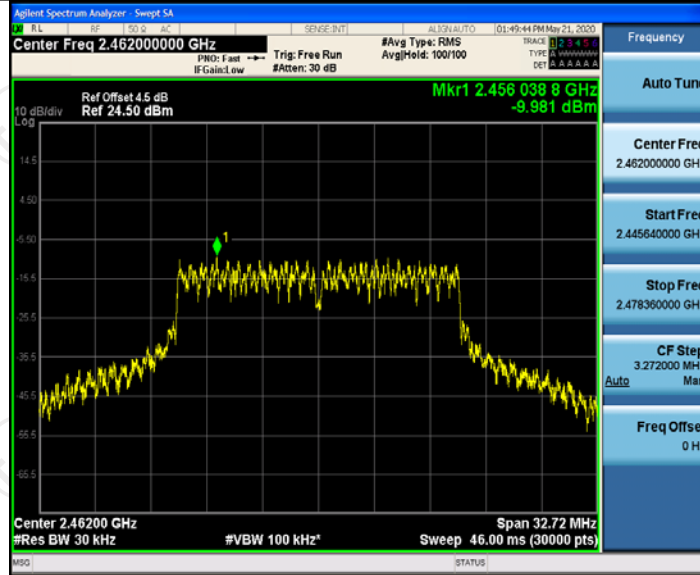


11G\_Ant1\_2437

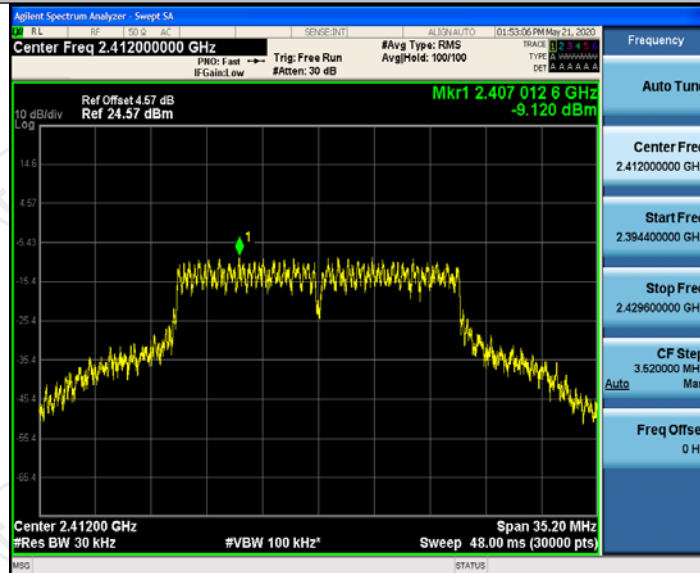


11G\_Ant1\_2462

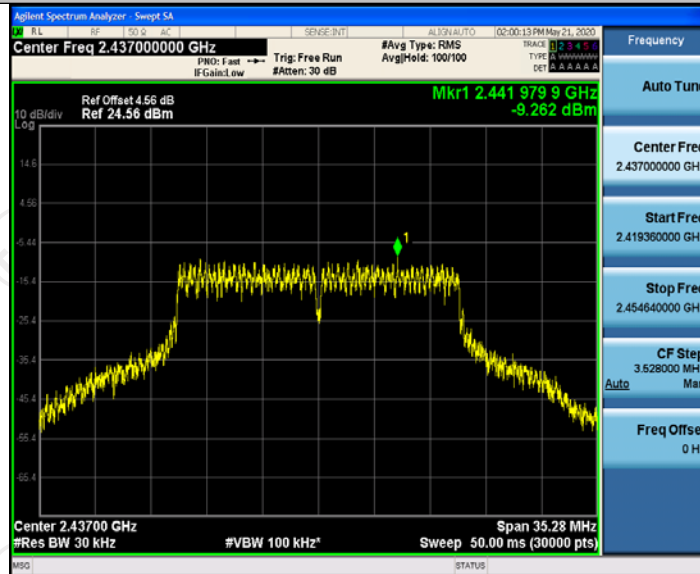




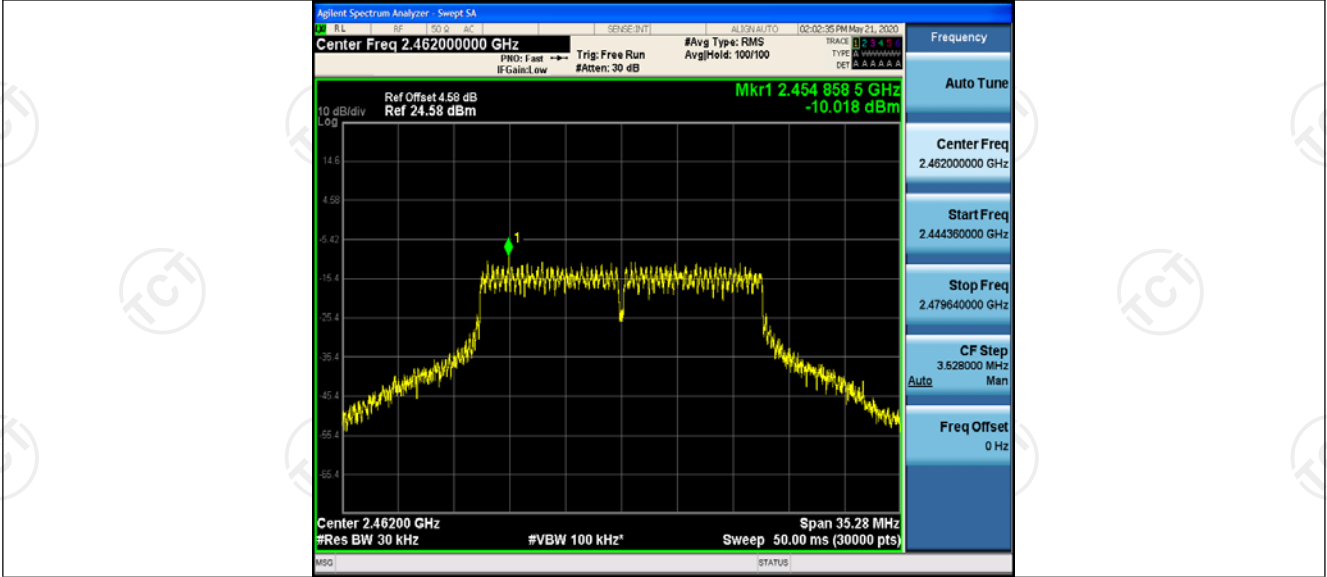
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



### Band edge measurements

#### Test Result

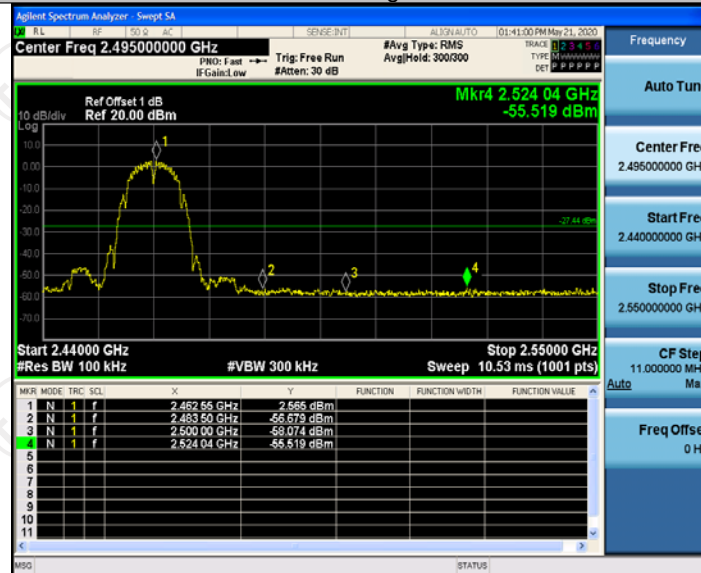
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	4.51	-41.26	<=-25.49	PASS
		High	2462	2.57	-55.52	<=-27.44	PASS
11G	Ant1	Low	2412	-0.23	-33.75	<=-30.23	PASS
		High	2462	1.45	-40.21	<=-28.55	PASS
11N20SISO	Ant1	Low	2412	-1.05	-34.86	<=-31.05	PASS
		High	2462	1.51	-39.56	<=-28.49	PASS

## Test Graphs

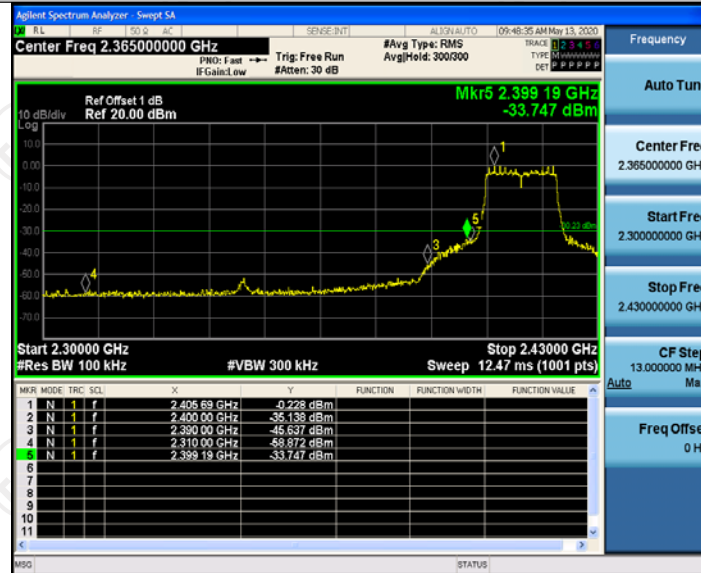
11B\_Ant1\_Low\_2412



11B\_Ant1\_High\_2462



11G\_Ant1\_Low\_2412



## 11G\_Ant1\_High\_2462



## 11N20SISO\_Ant1\_Low\_2412



## 11N20SISO\_Ant1\_High\_2462



### Conducted Spurious Emission

#### Test Result

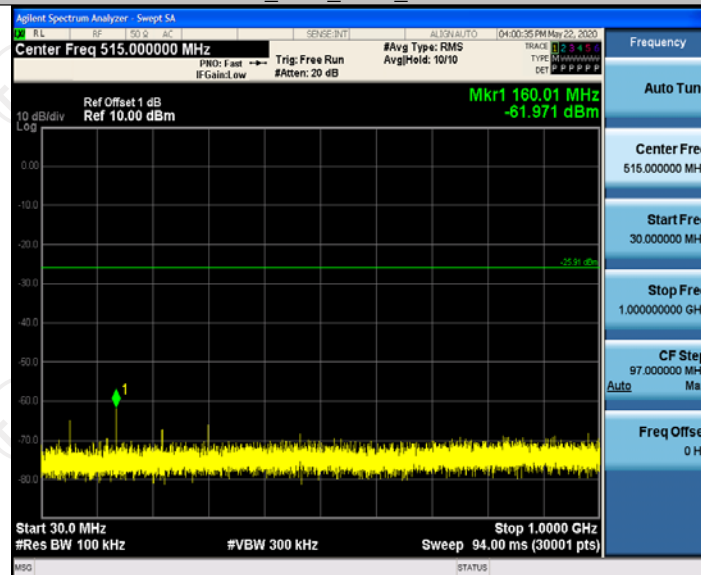
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.09	4.09	---	PASS
			30~1000	30~1000	-61.971	<=-25.907	PASS
			1000~26500	1000~26500	-35.052	<=-25.907	PASS
		2437	Reference	4.06	4.06	---	PASS
			30~1000	30~1000	-61.761	<=-25.945	PASS
			1000~26500	1000~26500	-34.563	<=-25.945	PASS
		2462	Reference	3.13	3.13	---	PASS
			30~1000	30~1000	-62.537	<=-26.873	PASS
			1000~26500	1000~26500	-32.864	<=-26.873	PASS
11G	Ant1	2412	Reference	3.54	3.54	---	PASS
			30~1000	30~1000	-63.879	<=-26.465	PASS
			1000~26500	1000~26500	-43.315	<=-26.465	PASS
		2437	Reference	2.65	2.65	---	PASS
			30~1000	30~1000	-64.457	<=-27.354	PASS
			1000~26500	1000~26500	-42.881	<=-27.354	PASS
		2462	Reference	1.76	1.76	---	PASS
			30~1000	30~1000	-61.497	<=-28.241	PASS
			1000~26500	1000~26500	-42.565	<=-28.241	PASS
11N20SISO	Ant1	2412	Reference	3.61	3.61	---	PASS
			30~1000	30~1000	-62.612	<=-26.387	PASS
			1000~26500	1000~26500	-42.177	<=-26.387	PASS
		2437	Reference	2.50	2.50	---	PASS
			30~1000	30~1000	-63.567	<=-27.497	PASS
			1000~26500	1000~26500	-41.273	<=-27.497	PASS
		2462	Reference	1.77	1.77	---	PASS
			30~1000	30~1000	-65.154	<=-28.228	PASS
			1000~26500	1000~26500	-38.344	<=-28.228	PASS

## Test Graphs

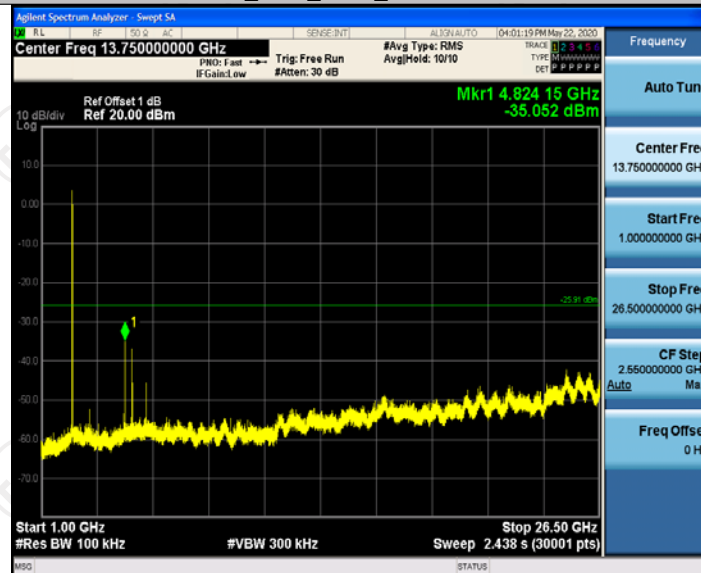
11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000



11B\_Ant1\_2412\_1000~26500

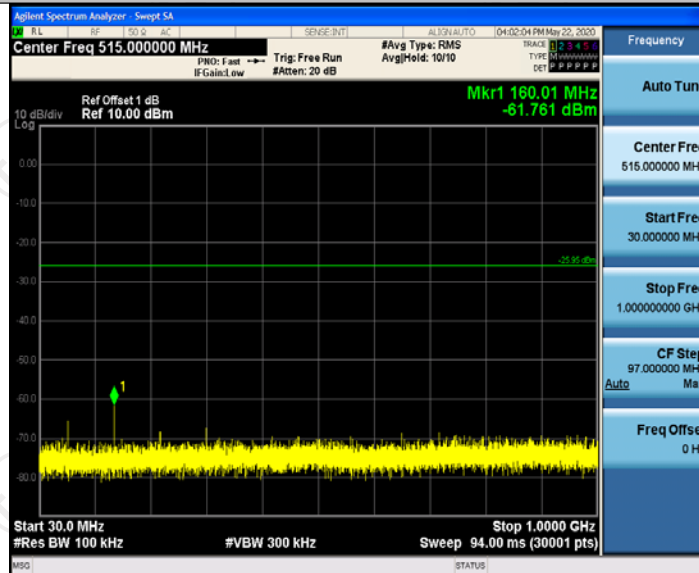




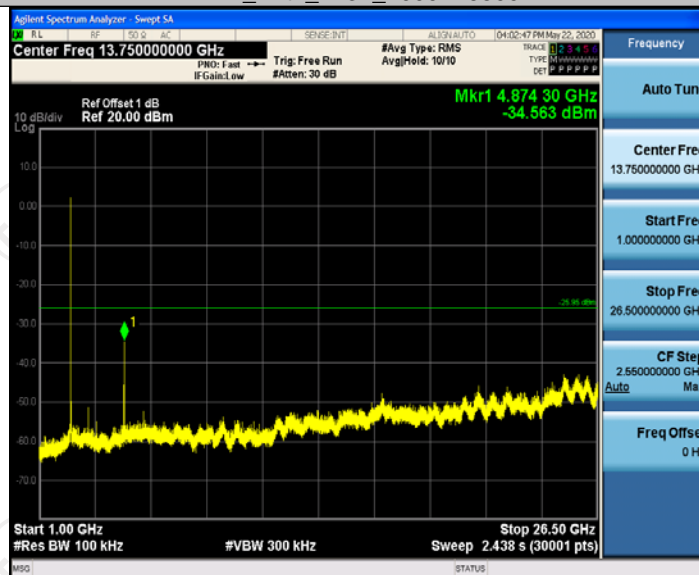
## 11B\_Ant1\_2437\_0-Reference



## 11B\_Ant1\_2437\_30~1000



## 11B\_Ant1\_2437\_1000~26500

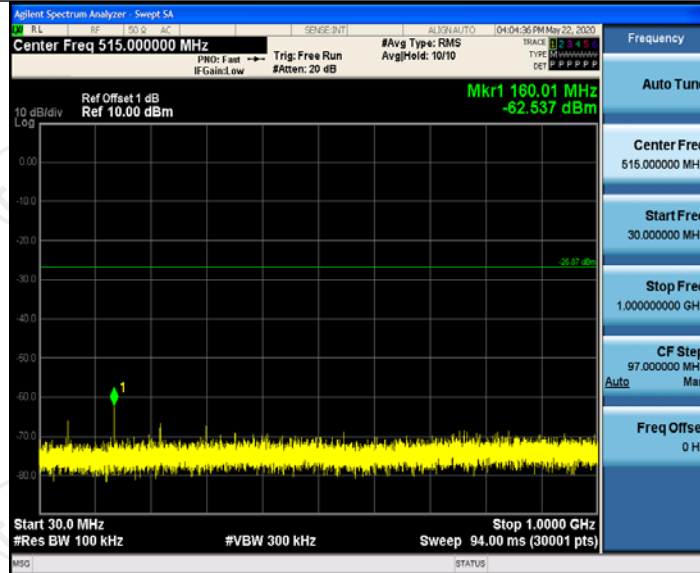


## 11B\_Ant1\_2462\_0-Reference

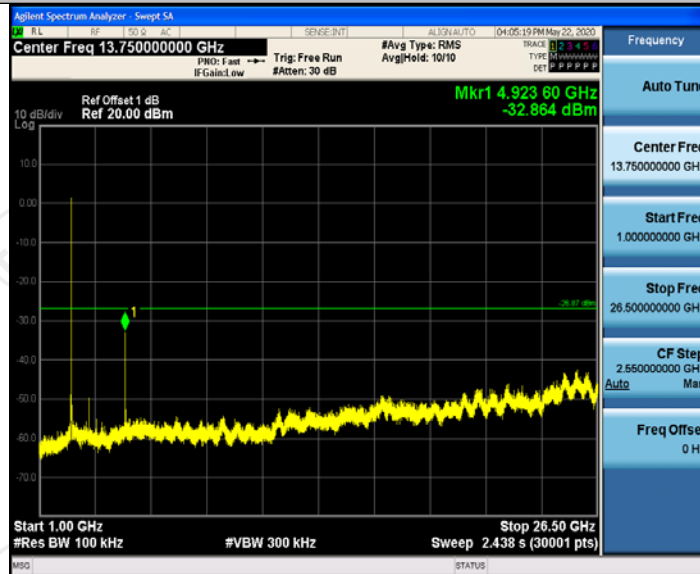




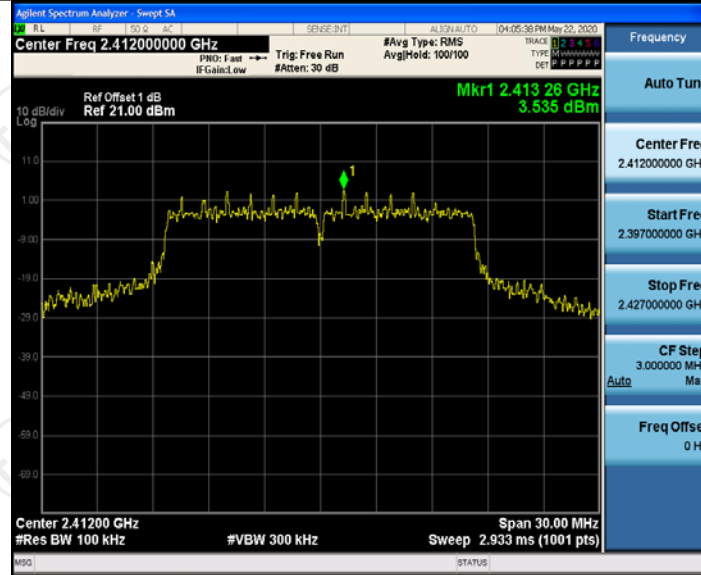
11B\_Ant1\_2462\_30~1000



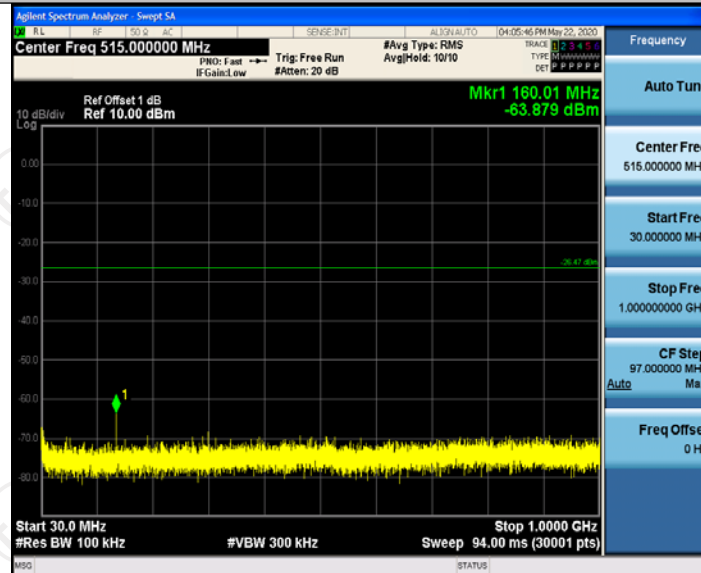
11B\_Ant1\_2462\_1000~26500



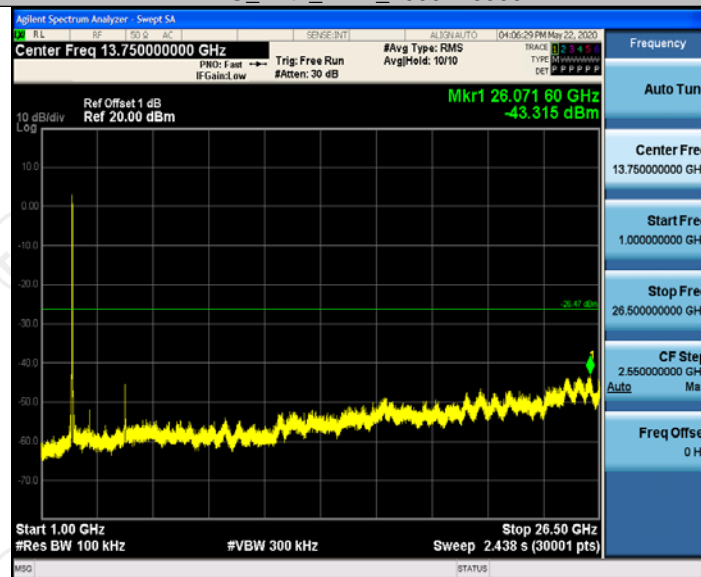
11G\_Ant1\_2412\_0~Reference



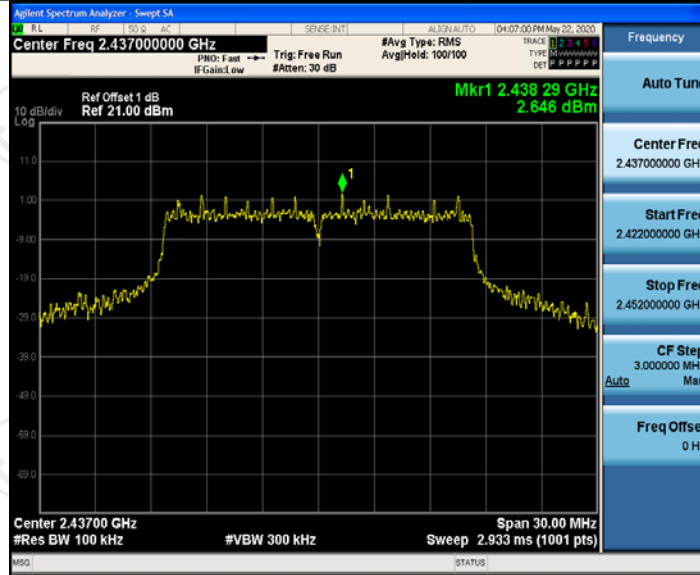
11G\_Ant1\_2412\_30~1000



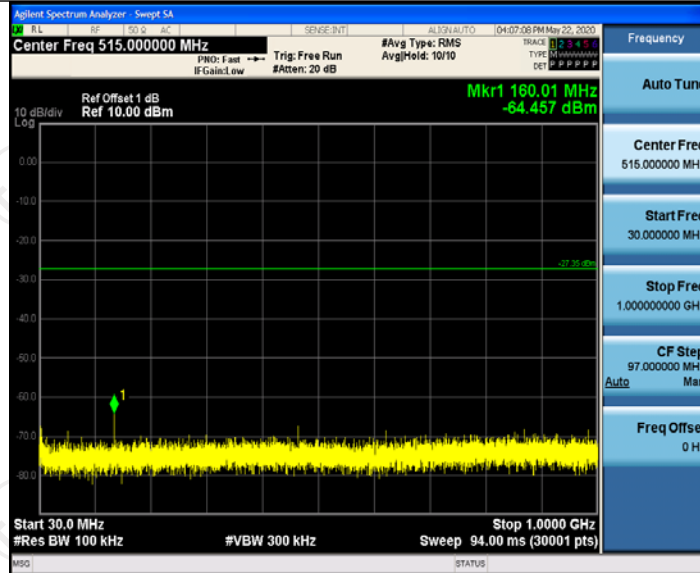
11G\_Ant1\_2412\_1000~26500



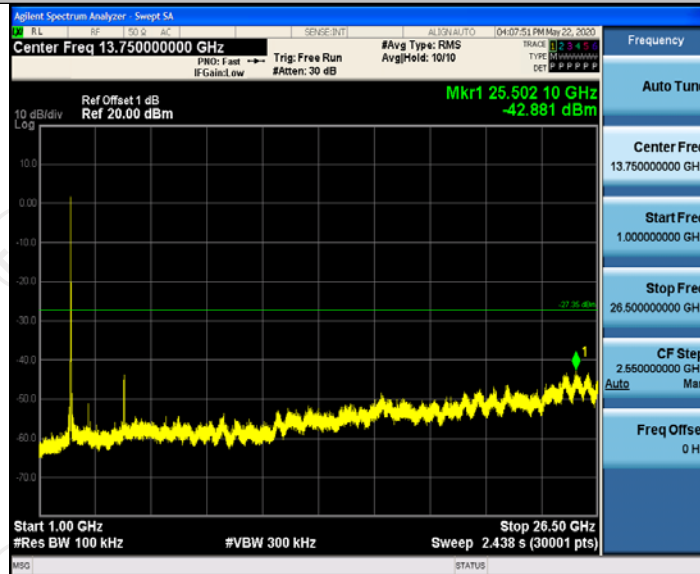
11G\_Ant1\_2437\_0~Reference



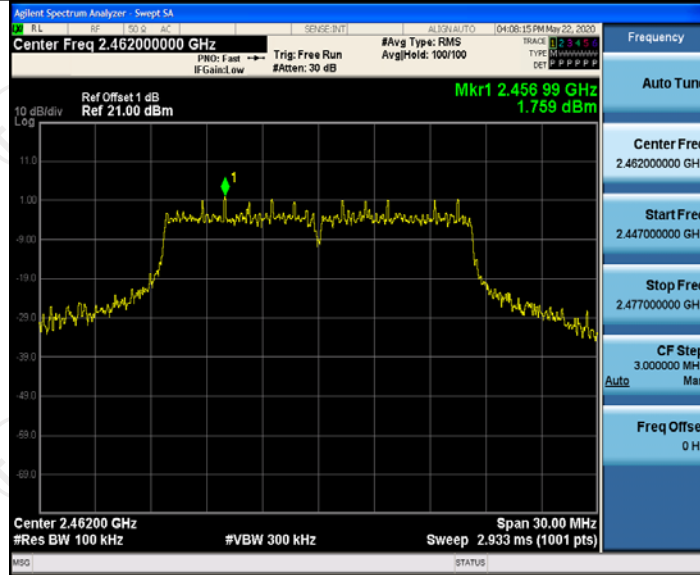
11G\_Ant1\_2437\_30~1000



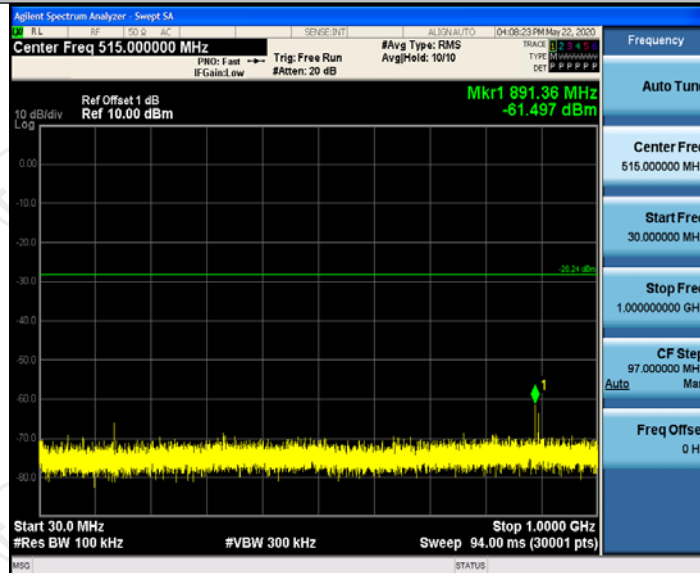
11G\_Ant1\_2437\_1000~26500



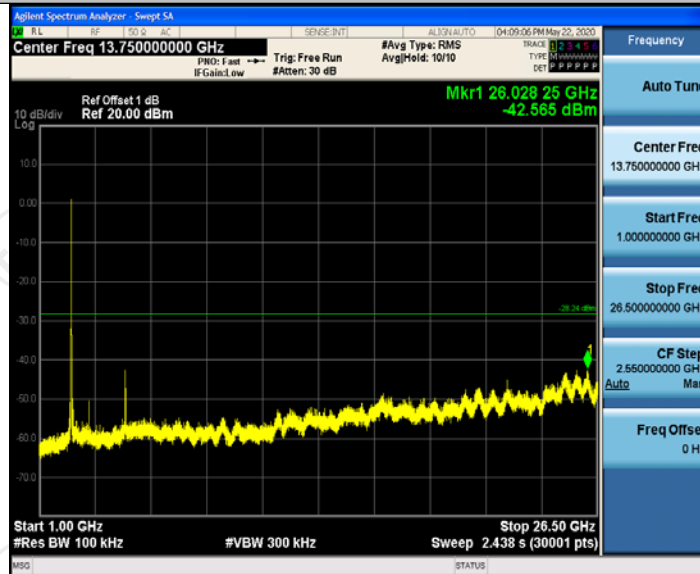
11G\_Ant1\_2462\_0~Reference



11G\_Ant1\_2462\_30~1000



11G\_Ant1\_2462\_1000~26500



11N20SISO\_Ant1\_2412\_0~Reference