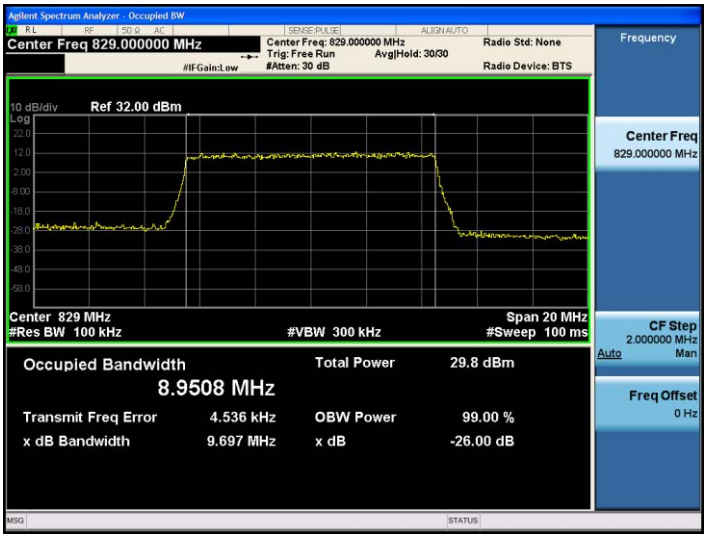
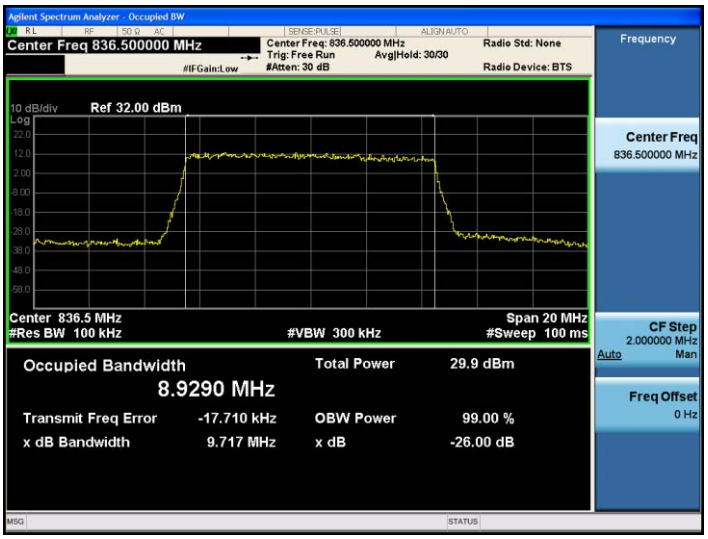
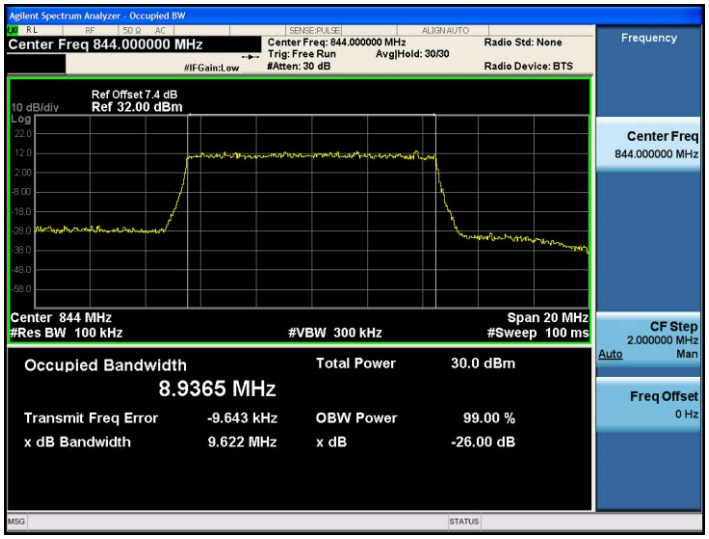


Band5-10MHz-16QAM-20450-50RB#0-8.9508



Band5-10MHz-16QAM-20525-50RB#0-8.9290



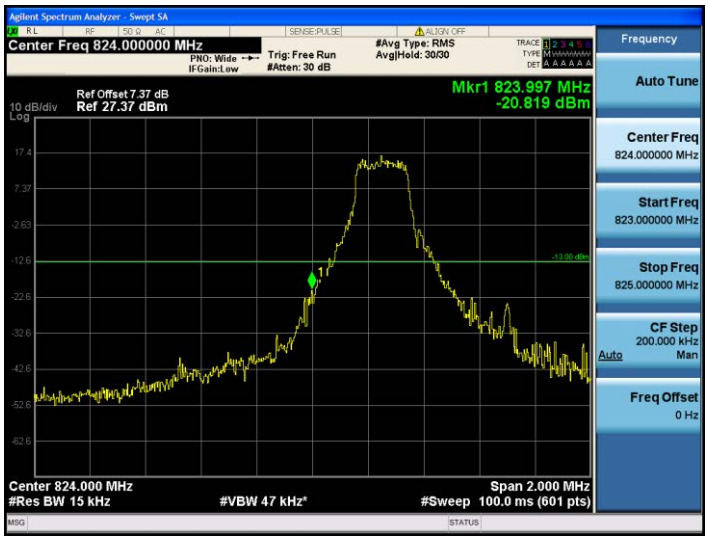
Band5-10MHz-16QAM-20600-50RB#0-8.9365

8.4 Appendix D: Band Edge

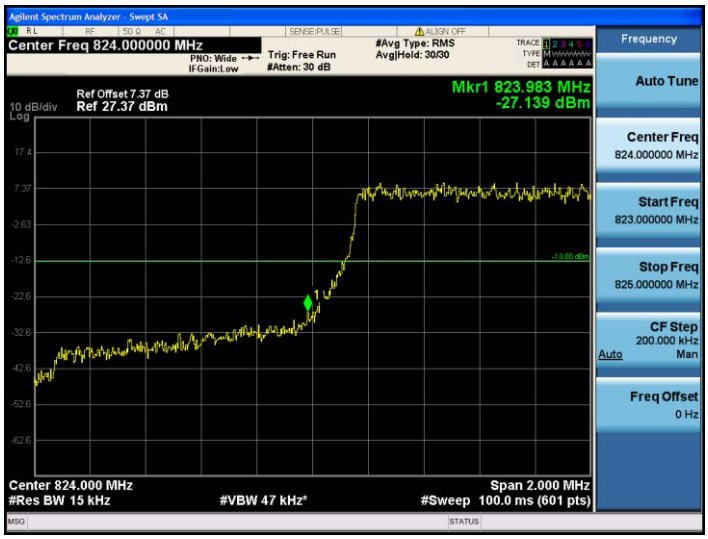
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-20.82	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-27.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-22.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-22.23	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-27.20	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-19.28	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-26.52	PASS
Band5	3MHz	QPSK	20415	1RB#0	-20.83	PASS
Band5	3MHz	QPSK	20415	15RB#0	-24.54	PASS
Band5	3MHz	QPSK	20635	1RB#14	-18.59	PASS
Band5	3MHz	QPSK	20635	15RB#0	-25.22	PASS
Band5	3MHz	16QAM	20415	1RB#0	-19.64	PASS
Band5	3MHz	16QAM	20415	15RB#0	-24.99	PASS
Band5	3MHz	16QAM	20635	1RB#14	-17.11	PASS
Band5	3MHz	16QAM	20635	15RB#0	-26.22	PASS
Band5	5MHz	QPSK	20425	1RB#0	-16..87	PASS
Band5	5MHz	QPSK	20425	25RB#0	-24.32	PASS
Band5	5MHz	QPSK	20625	1RB#24	-17.76	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.52	PASS
Band5	5MHz	16QAM	20425	1RB#0	-19.21	PASS
Band5	5MHz	16QAM	20425	25RB#0	-25.73	PASS
Band5	5MHz	16QAM	20625	1RB#24	-20.56	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	-20.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.56	PASS
Band5	10MHz	QPSK	20600	1RB#49	-29.75	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.53	PASS
Band5	10MHz	16QAM	20450	1RB#0	-29.73	PASS
Band5	10MHz	16QAM	20450	50RB#0	-28.76	PASS
Band5	10MHz	16QAM	20600	1RB#49	-27.02	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.27	PASS

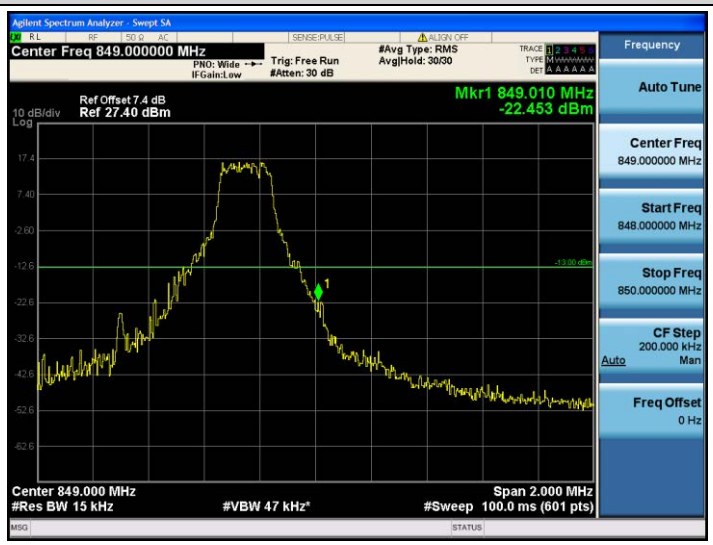
Test Graphs



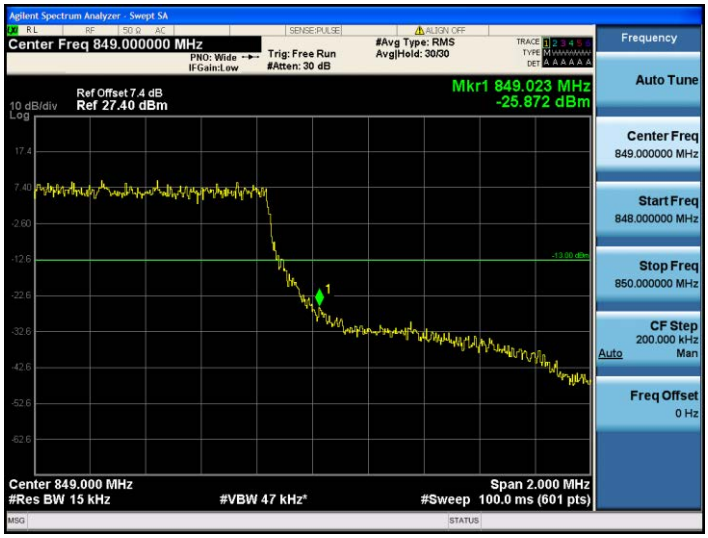
Band5-1.4MHz-QPSK-20407-1RB#0



Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#5



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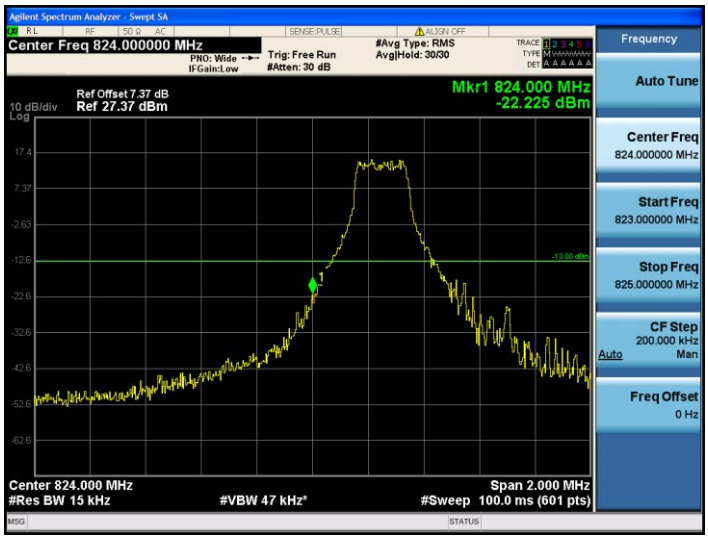
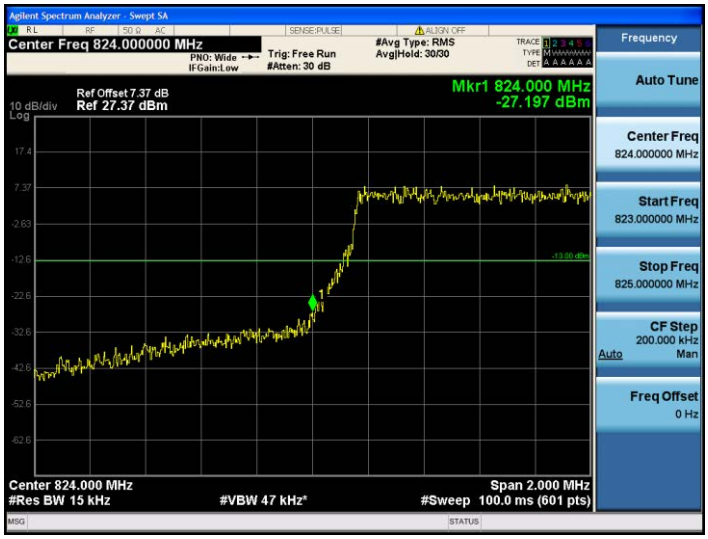
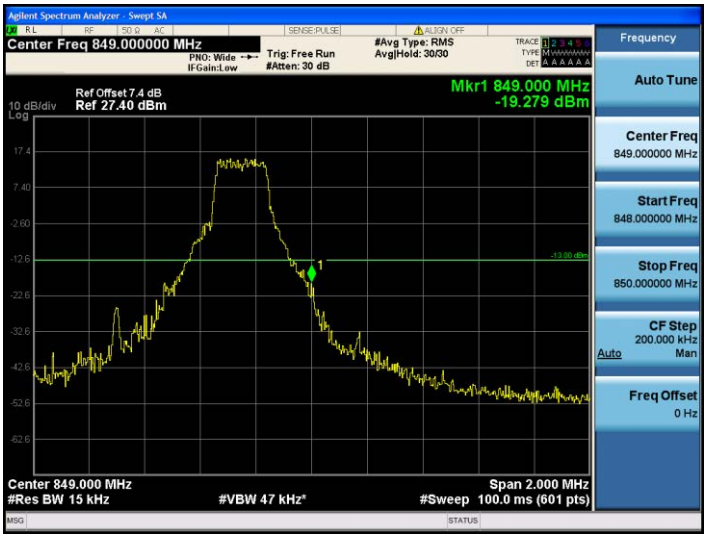


Band5-1.4MHz-16QAM-20407-1RB#0

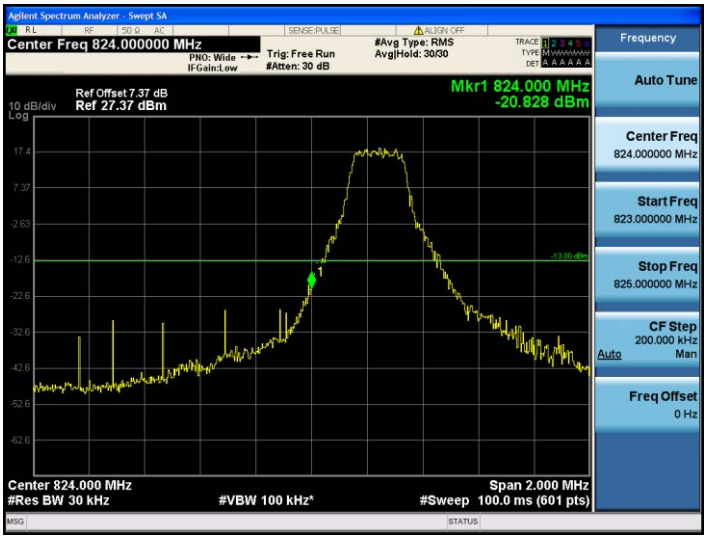


Band5-1.4MHz-16QAM-20407-6RB#0

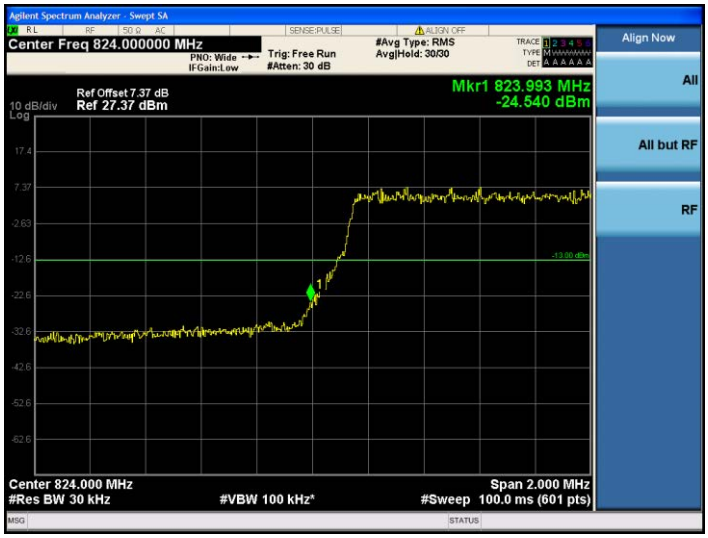


Band5-1.4MHz-16QAM-20643-1RB#5

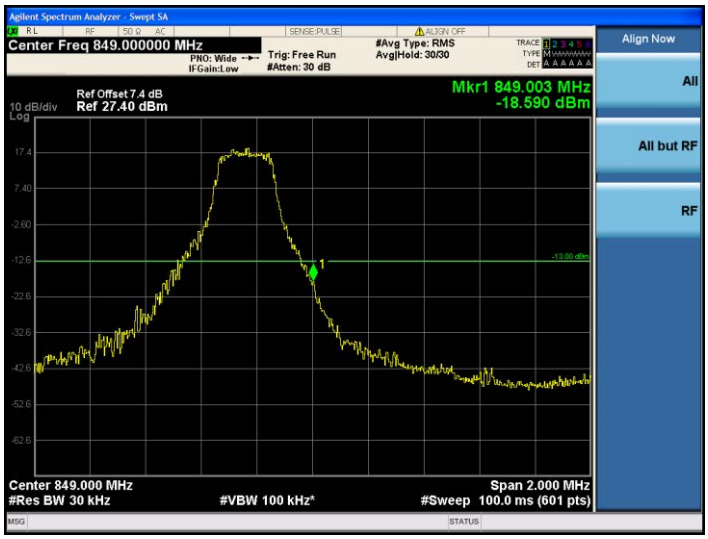
Band5-1.4MHz-16QAM-20643-6RB#0



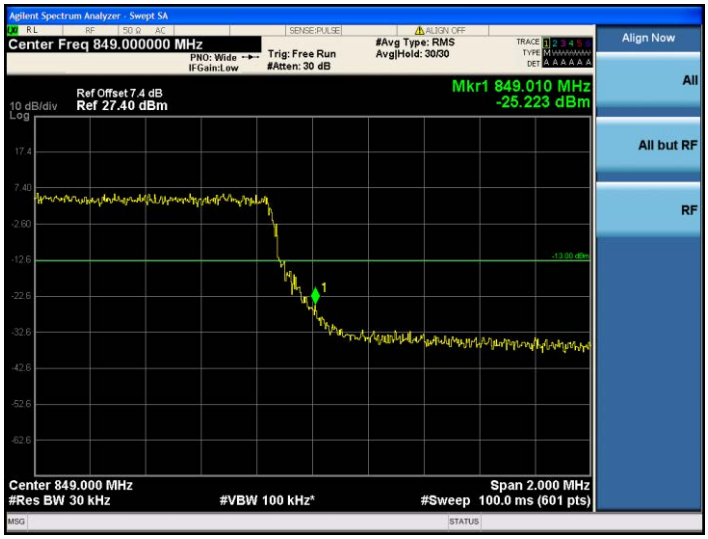
Band5-3MHz-QPSK-20415-1RB#0



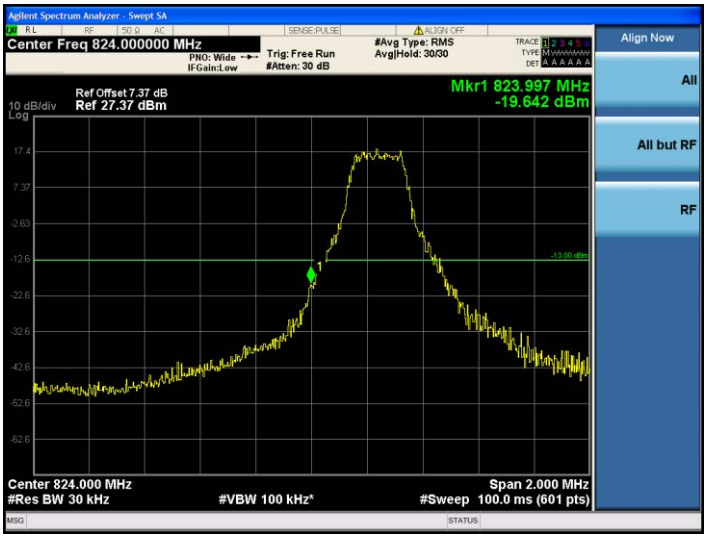
Band5-3MHz-QPSK-20415-15RB#0



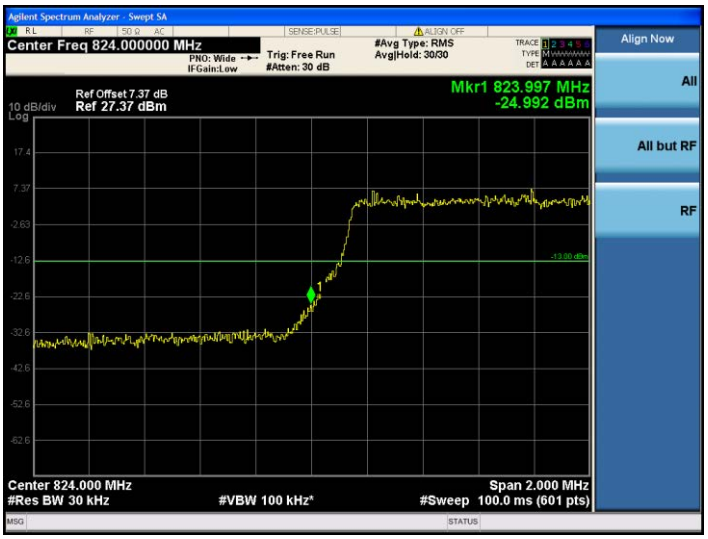
Band5-3MHz-QPSK-20635-1RB#14



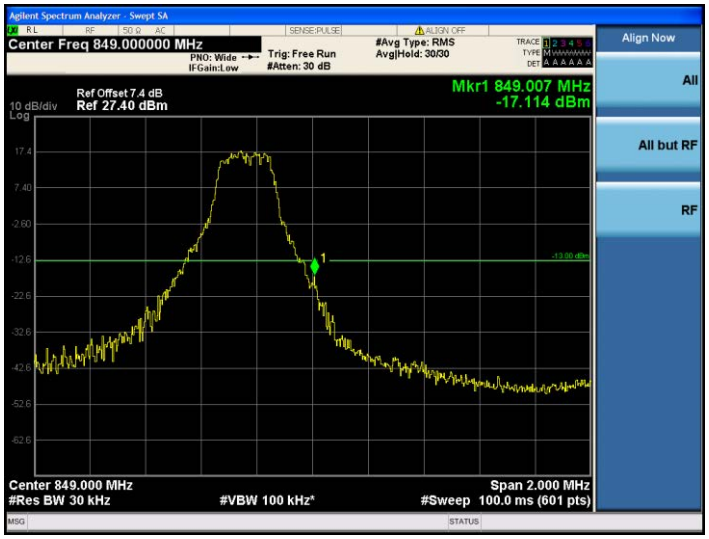
Band5-3MHz-QPSK-20635-15RB#0



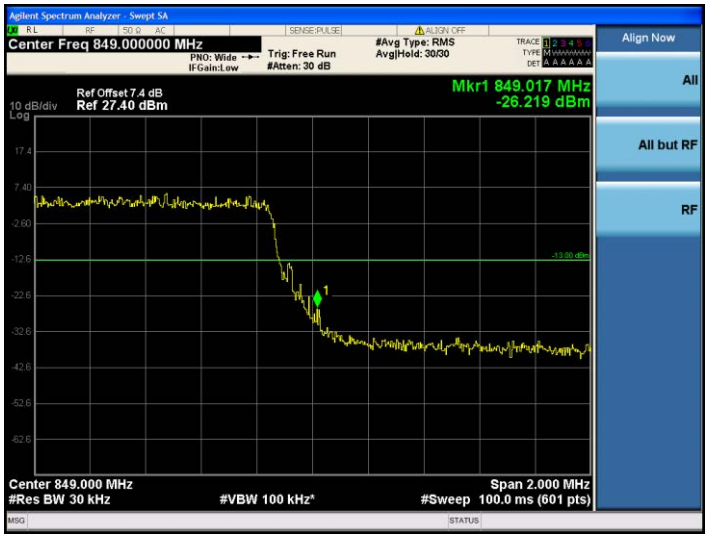
Band5-3MHz-16QAM-20415-1RB#0



Band5-3MHz-16QAM-20415-15RB#0

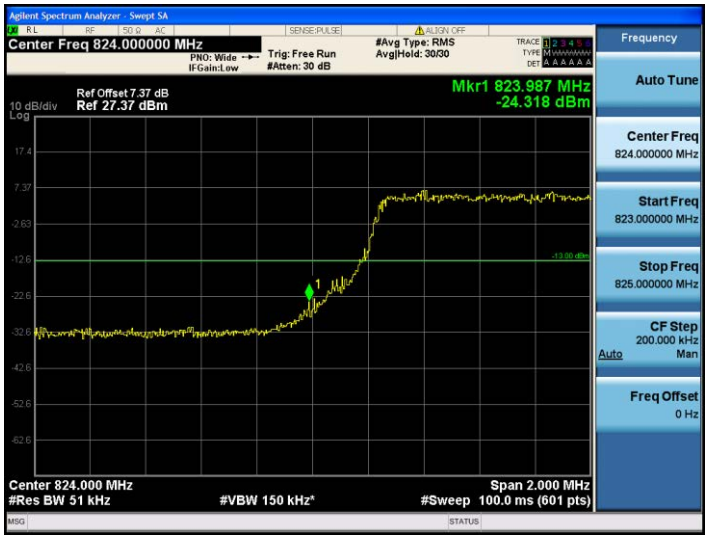


Band5-3MHz-16QAM-20635-1RB#14



Band5-3MHz-16QAM-20635-15RB#0

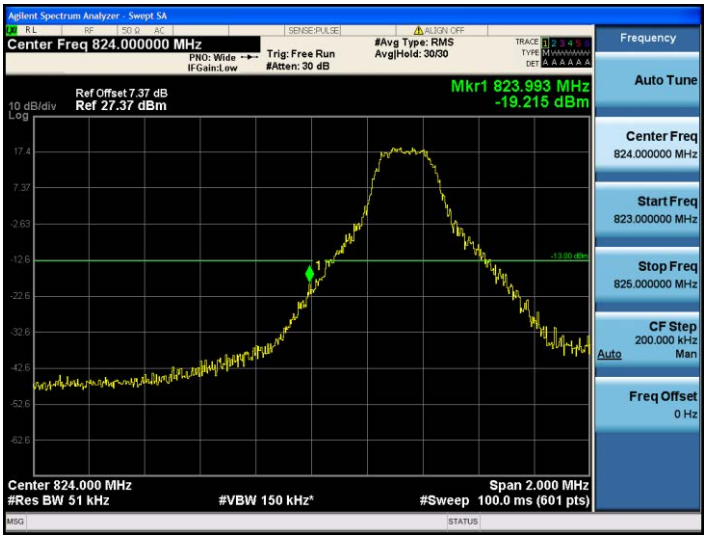
Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0

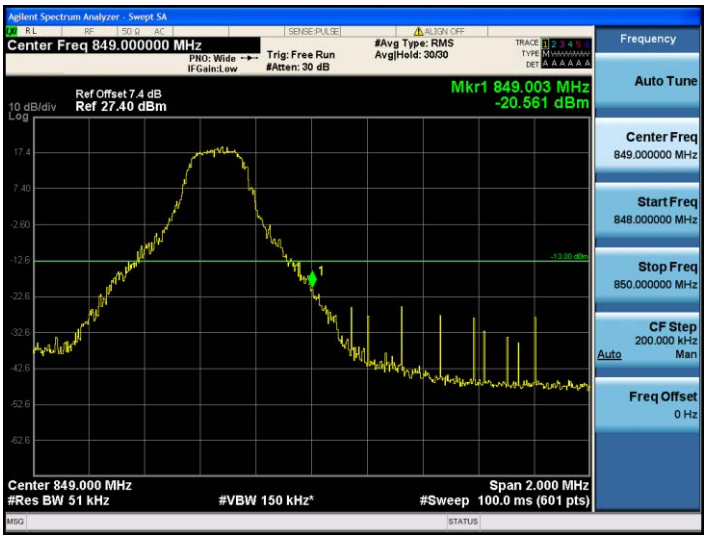
Band5-5MHz-QPSK-20625-1RB#24

Band5-5MHz-QPSK-20625-25RB#0



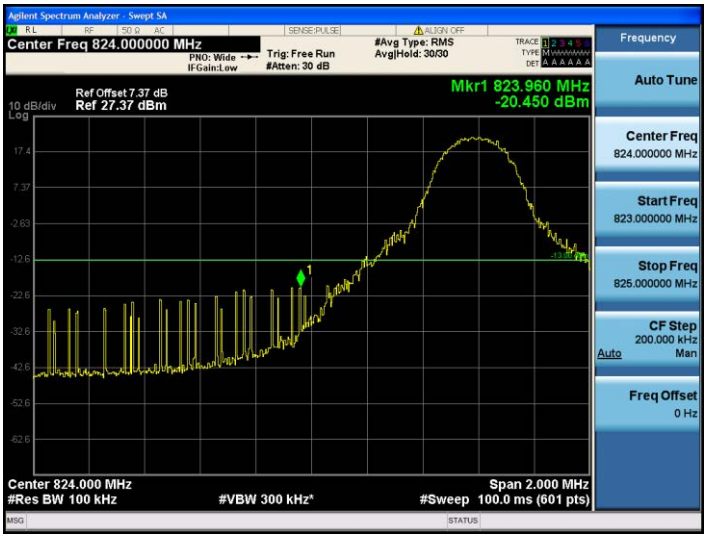
Band5-5MHz-16QAM-20425-1RB#0

Band5-5MHz-16QAM-20425-25RB#0



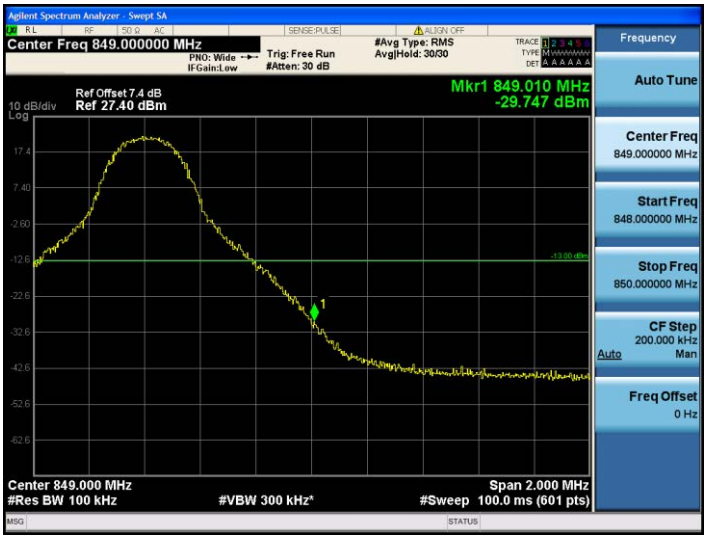
Band5-5MHz-16QAM-20625-1RB#24

Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0

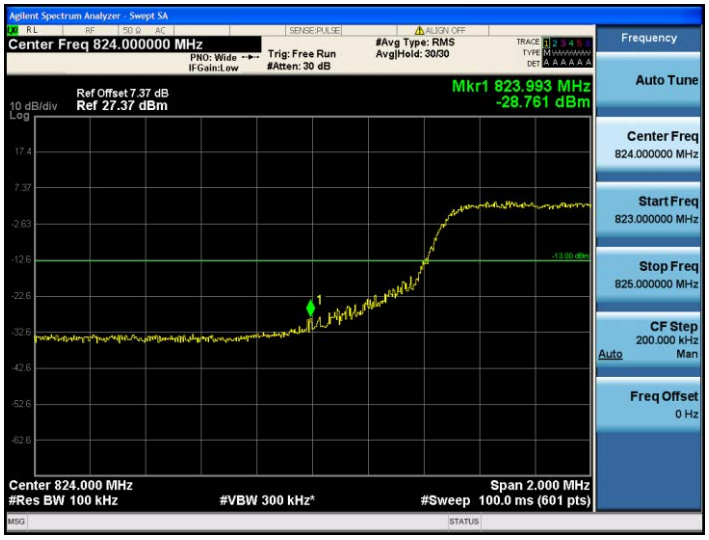
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#49

Band5-10MHz-QPSK-20600-50RB#0

Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-50RB#0

Band5-10MHz-16QAM-20600-1RB#49

Band5-10MHz-16QAM-20600-50RB#0

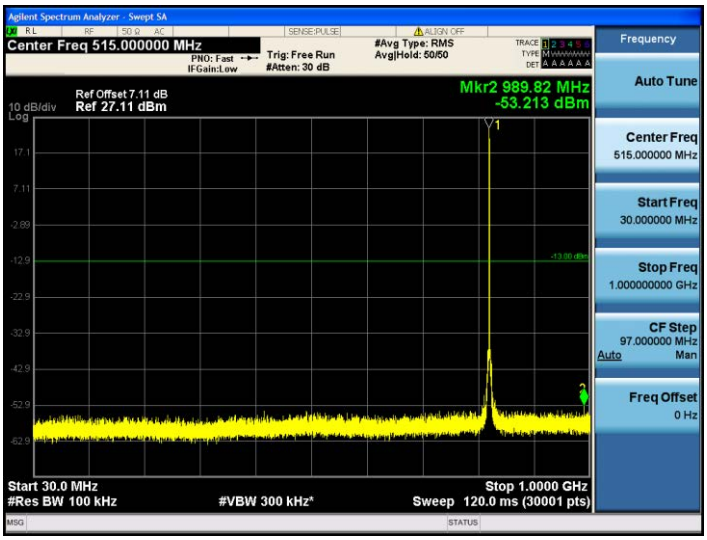
8.5 Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000MHz	-53.21	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~26000MHz	-37.58	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000MHz	-53.78	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~26000MHz	-37.52	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000MHz	-54.12	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~26000MHz	-37.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000MHz	-54.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~26000MHz	-37.26	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000MHz	-54.08	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~26000MHz	-37.55	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000MHz	-54.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~26000MHz	-37.58	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000MHz	-53.97	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~26000MHz	-37.54	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000MHz	-53.64	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~26000MHz	-37.67	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000MHz	-53.81	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~26000MHz	-37.5	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000MHz	-54.18	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~26000MHz	-37.58	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000MHz	-53.12	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~26000MHz	-37.63	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000MHz	-54.29	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~26000MHz	-36.99	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000MHz	-54.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~26000MHz	-37.62	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000MHz	-53.87	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~26000MHz	-37.69	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000MHz	-54.57	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~26000MHz	-37.51	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000MHz	-53.07	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~26000MHz	-37.55	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000MHz	-53.4	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~26000MHz	-37.66	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000MHz	-53.06	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~26000MHz	-37.67	PASS

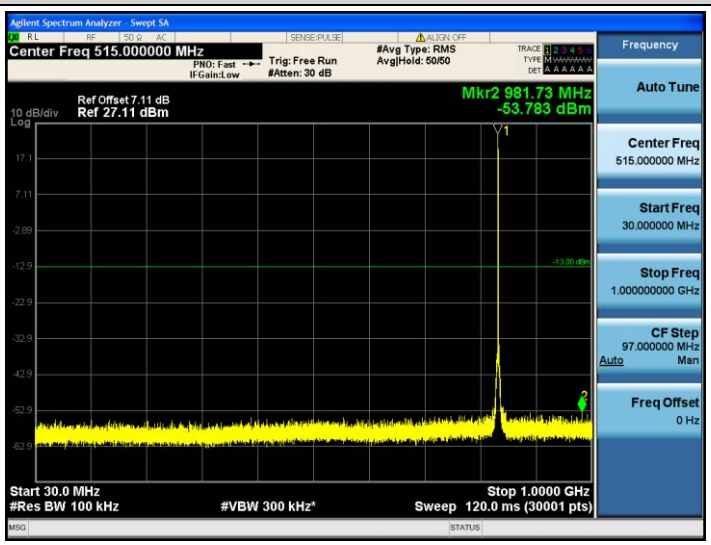
Band5	10MHz	QPSK	20450	1RB#0	30~1000MHz	-53.7	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~26000MHz	-37.62	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000MHz	-53.61	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~26000MHz	-37.71	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000MHz	-54	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~26000MHz	-37.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000MHz	-53.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~26000MHz	-37.58	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000MHz	-53.79	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~26000MHz	-37.5	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000MHz	-54.32	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~26000MHz	-37.53	PASS

Test Graphs



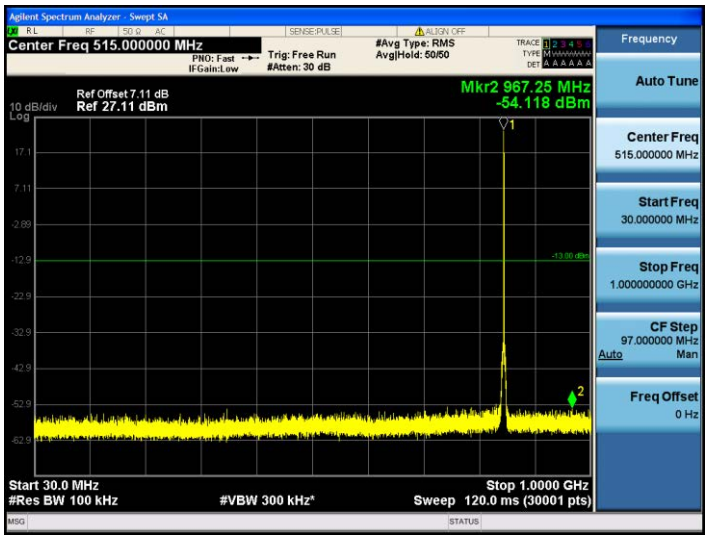
Band5-1.4MHz-QPSK-20407-1RB#0-30~1000MHz

Band5-1.4MHz-QPSK-20407-1RB#0-1000~26000MHz



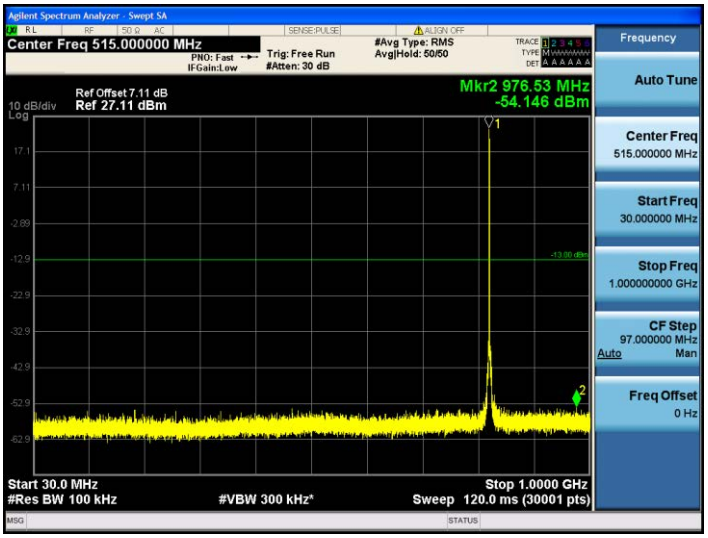
Band5-1.4MHz-QPSK-20525-1RB#0-30~1000MHz

Band5-1.4MHz-QPSK-20525-1RB#0-1000~26000MHz



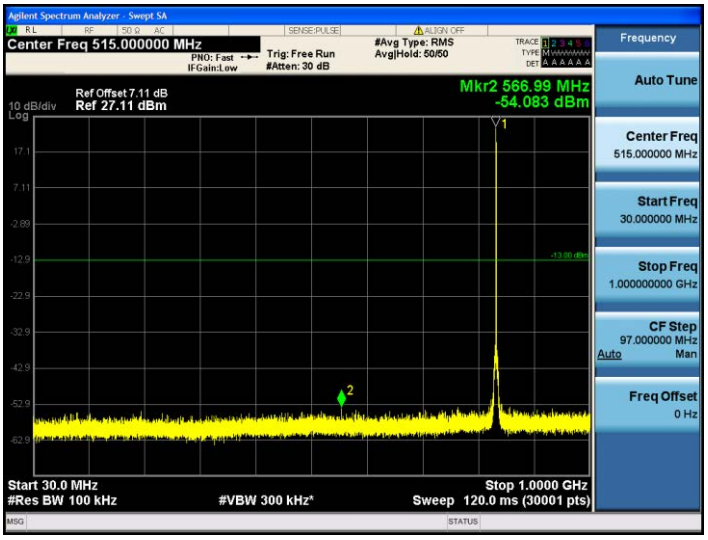
Band5-1.4MHz-QPSK-20643-1RB#0-30~1000MHz

Band5-1.4MHz-QPSK-20643-1RB#0-1000~26000MHz



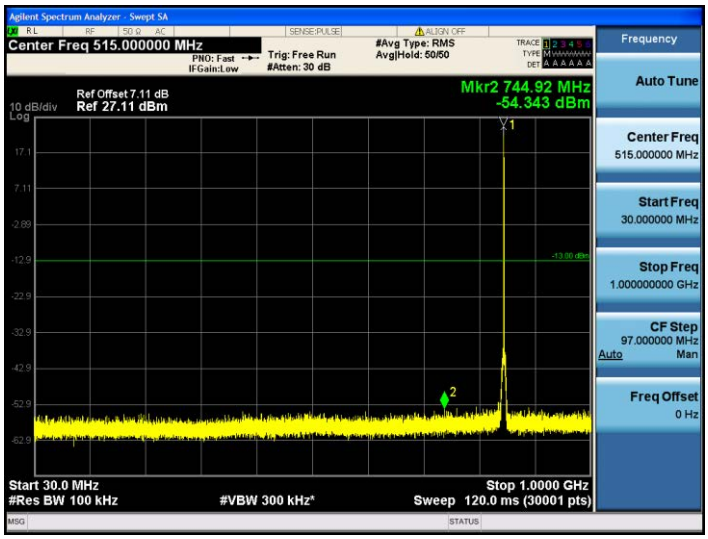
Band5-1.4MHz-16QAM-20407-1RB#0-30~1000MHz

Band5-1.4MHz-16QAM-20407-1RB#0-1000~26000MHz



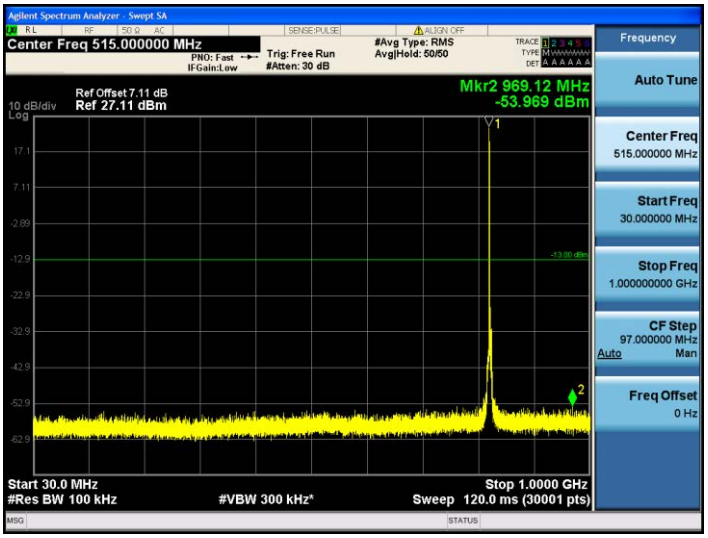
Band5-1.4MHz-16QAM-20525-1RB#0-30~1000MHz

Band5-1.4MHz-16QAM-20525-1RB#0-1000~26000MHz



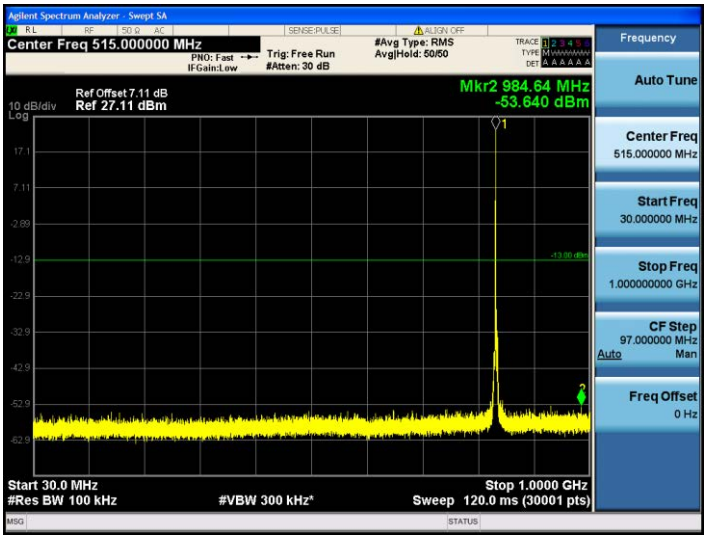
Band5-1.4MHz-16QAM-20643-1RB#0-30~1000MHz

Band5-1.4MHz-16QAM-20643-1RB#0-1000~26000MHz



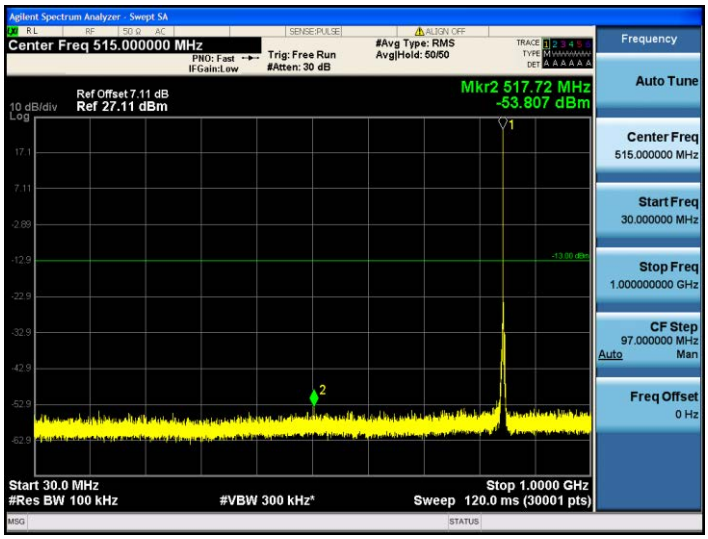
Band5-3MHz-QPSK-20415-1RB#0-30~1000MHz

Band5-3MHz-QPSK-20415-1RB#0-1000~26000MHz



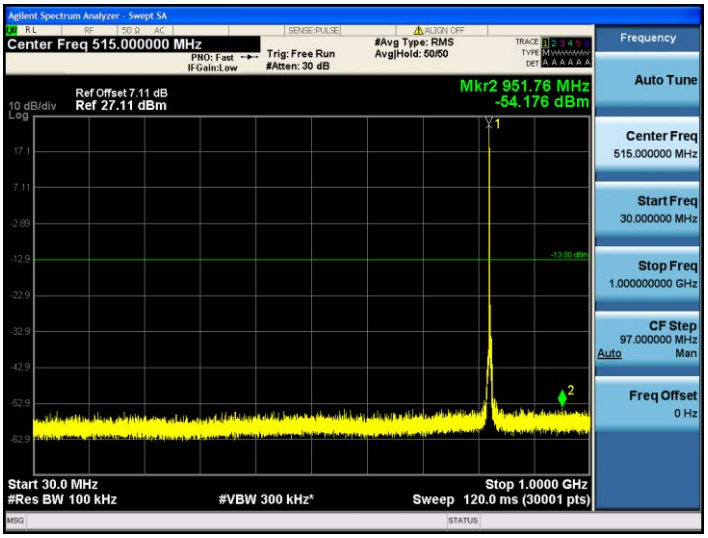
Band5-3MHz-QPSK-20525-1RB#0-30~1000MHz

Band5-3MHz-QPSK-20525-1RB#0-1000~26000MHz



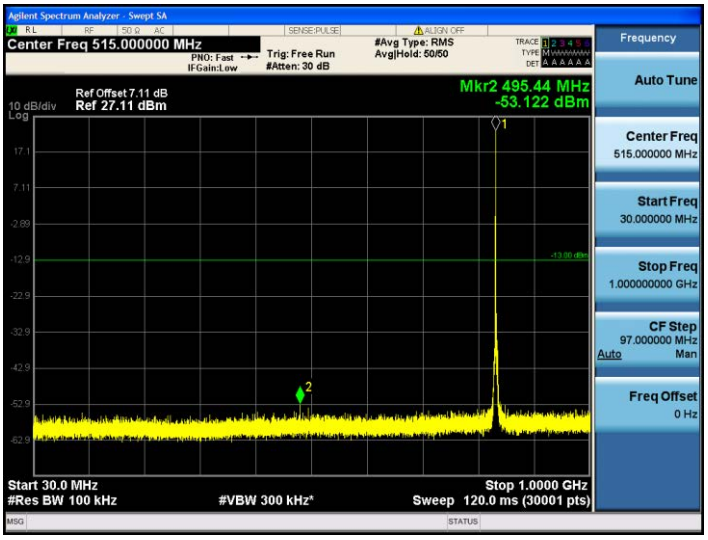
Band5-3MHz-QPSK-20635-1RB#0-30~1000MHz

Band5-3MHz-QPSK-20635-1RB#0-1000~26000MHz



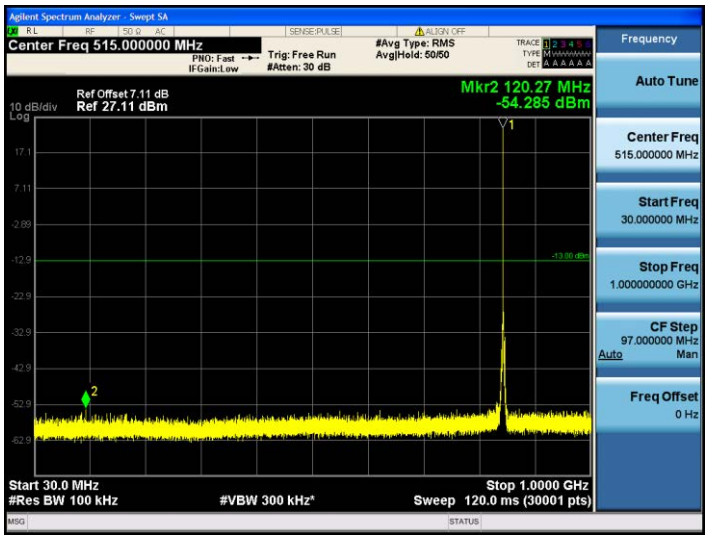
Band5-3MHz-16QAM-20415-1RB#0-30~1000MHz

Band5-3MHz-16QAM-20415-1RB#0-1000~26000MHz



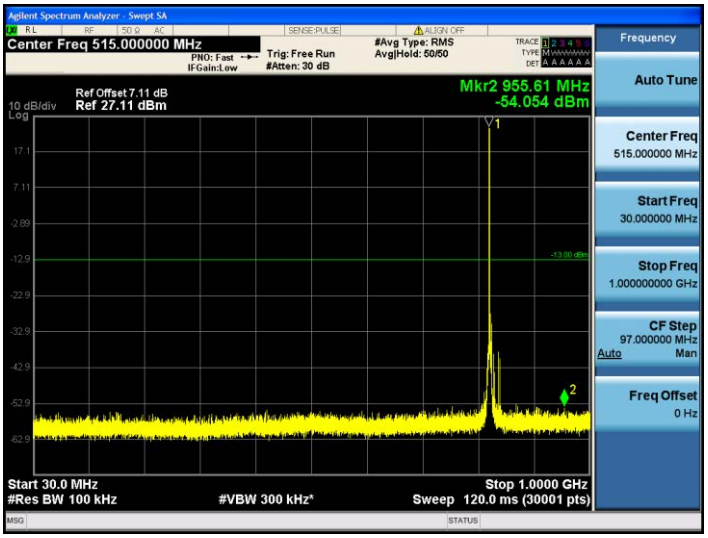
Band5-3MHz-16QAM-20525-1RB#0-30~1000MHz

Band5-3MHz-16QAM-20525-1RB#0-1000~26000MHz



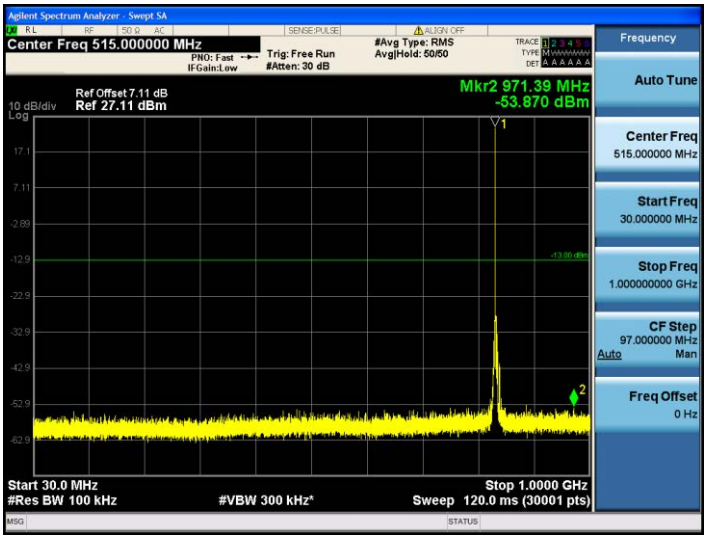
Band5-3MHz-16QAM-20635-1RB#0-30~1000MHz

Band5-3MHz-16QAM-20635-1RB#0-1000~26000MHz



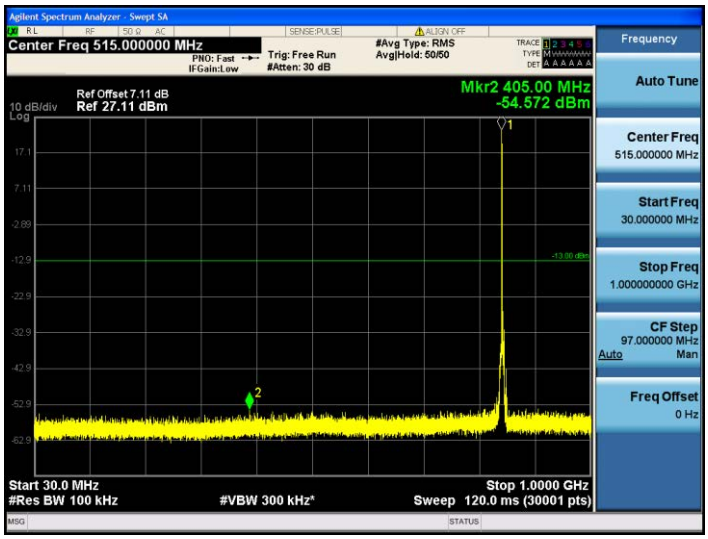
Band5-5MHz-QPSK-20425-1RB#0-30~1000MHz

Band5-5MHz-QPSK-20425-1RB#0-1000~26000MHz



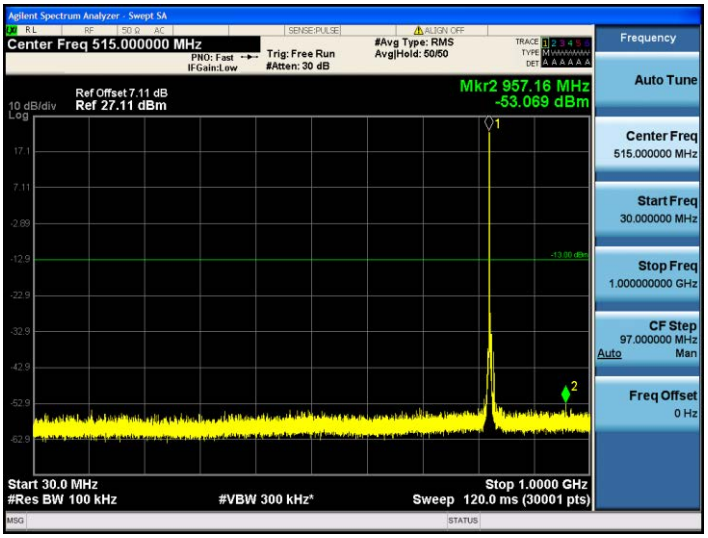
Band5-5MHz-QPSK-20525-1RB#0-30~1000MHz

Band5-5MHz-QPSK-20525-1RB#0-1000~26000MHz



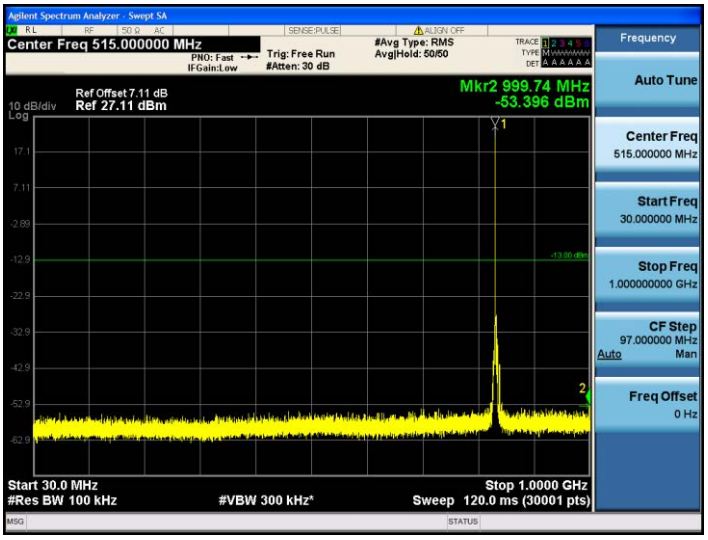
Band5-5MHz-QPSK-20625-1RB#0-30~1000MHz

Band5-5MHz-QPSK-20625-1RB#0-1000~26000MHz



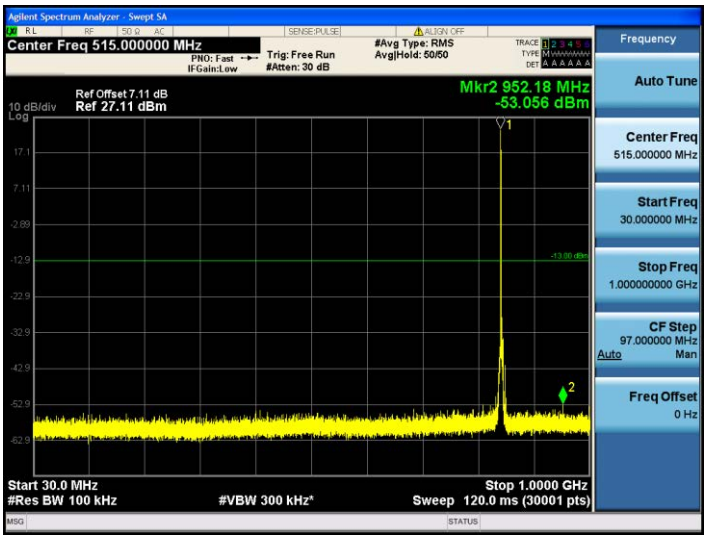
Band5-5MHz-16QAM-20425-1RB#0-30~1000MHz

Band5-5MHz-16QAM-20425-1RB#0-1000~26000MHz



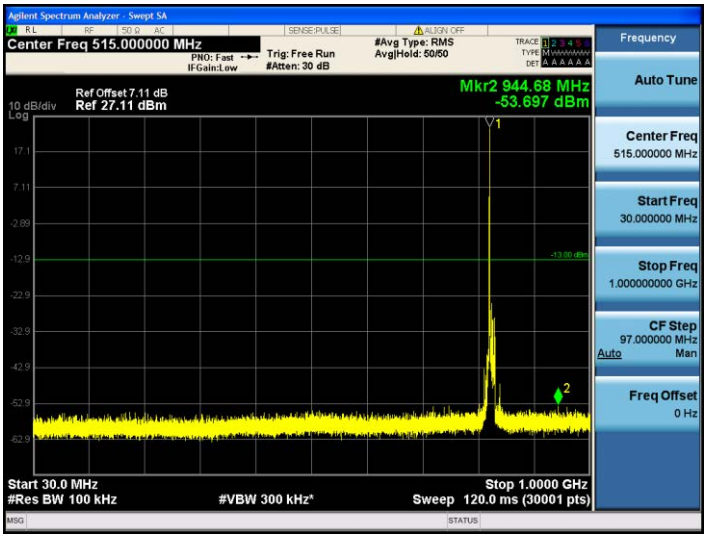
Band5-5MHz-16QAM-20525-1RB#0-30~1000MHz

Band5-5MHz-16QAM-20525-1RB#0-1000~26000MHz



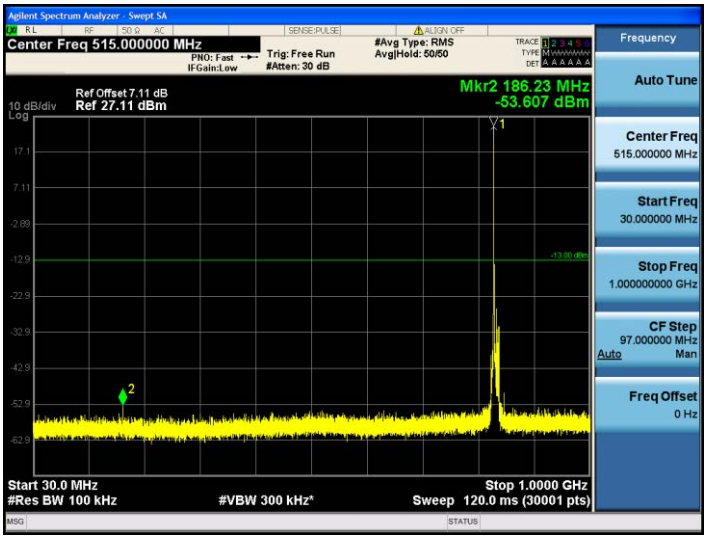
Band5-5MHz-16QAM-20625-1RB#0-30~1000MHz

Band5-5MHz-16QAM-20625-1RB#0-1000~26000MHz



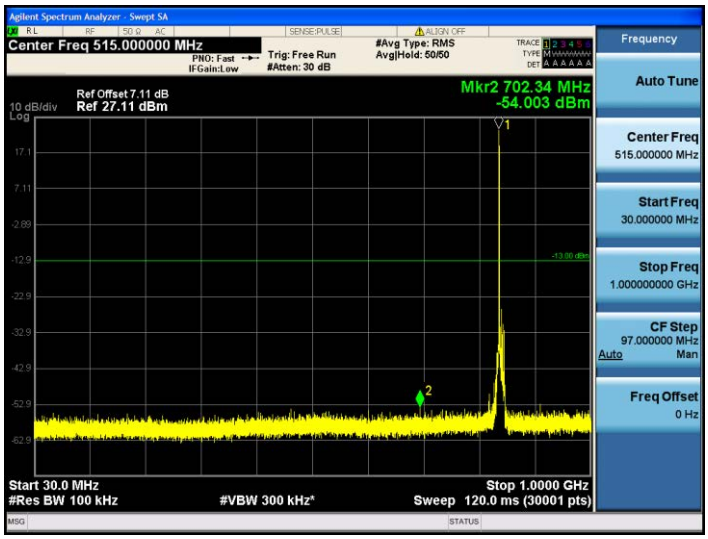
Band5-10MHz-QPSK-20450-1RB#0-30~1000MHz

Band5-10MHz-QPSK-20450-1RB#0-1000~26000MHz



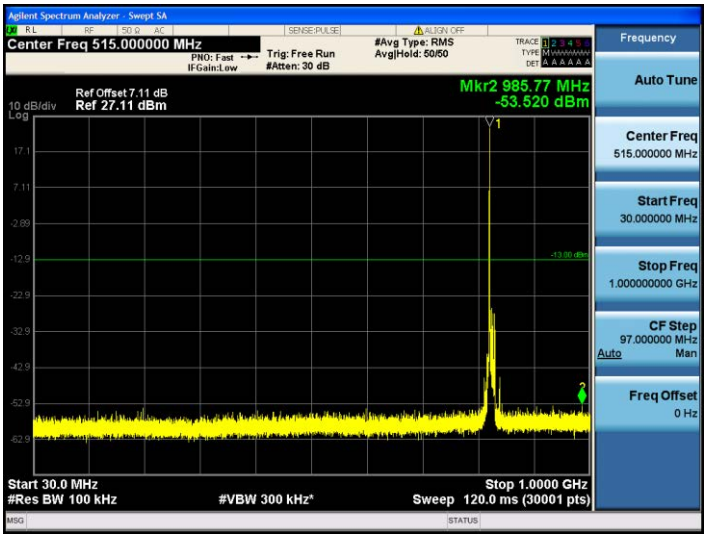
Band5-10MHz-QPSK-20525-1RB#0-30~1000MHz

Band5-10MHz-QPSK-20525-1RB#0-1000~26000MHz



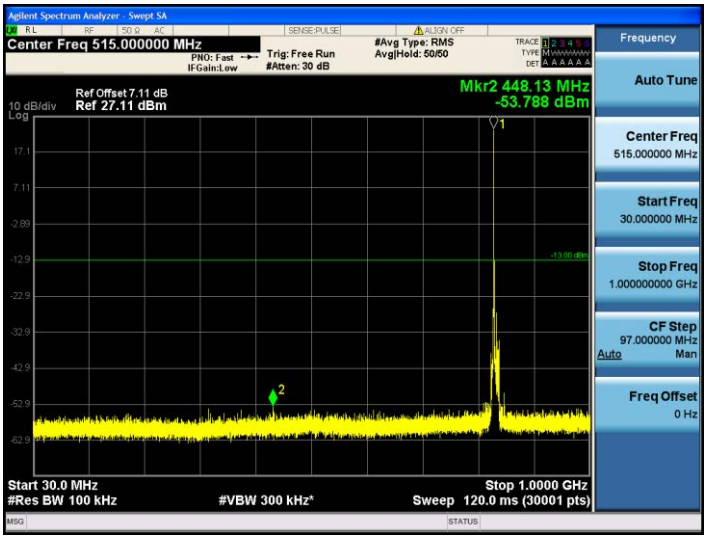
Band5-10MHz-QPSK-20600-1RB#0-30~1000MHz

Band5-10MHz-QPSK-20600-1RB#0-1000~26000MHz



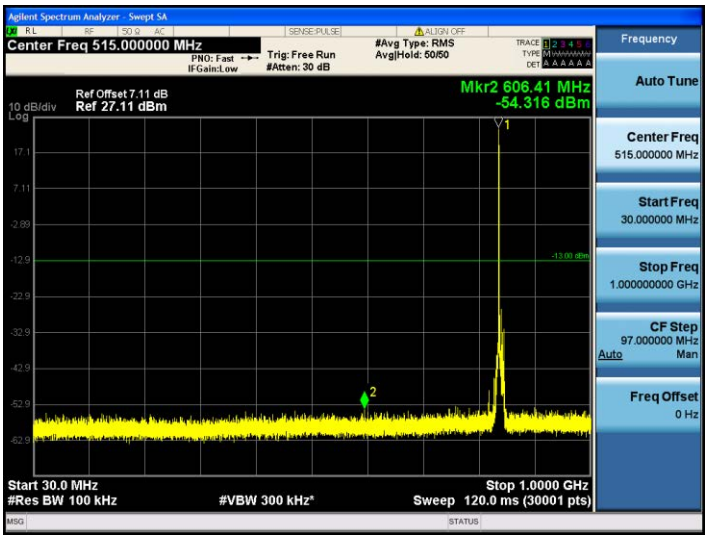
Band5-10MHz-16QAM-20450-1RB#0-30~1000MHz

Band5-10MHz-16QAM-20450-1RB#0-1000~26000MHz



Band5-10MHz-16QAM-20525-1RB#0-30~1000MHz

Band5-10MHz-16QAM-20525-1RB#0-1000~26000MHz



Band5-10MHz-16QAM-20600-1RB#0-30~1000MHz

Band5-10MHz-16QAM-20600-1RB#0-1000~26000MHz

8.6 Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-5.34	-0.006475	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-3.32	-0.004026	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-4.65	-0.005638	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-2.37	-0.002833	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-2.33	-0.002785	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	2.99	0.003574	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-3.56	-0.004197	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-4.18	-0.004928	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	2.29	0.002700	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-4.81	-0.005832	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-5.16	-0.006257	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-5.44	-0.006596	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-4.28	-0.005117	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-3.05	-0.003646	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	2.60	0.003108	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-1.93	-0.002275	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-3.68	-0.004338	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-3.50	-0.004126	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-2.30	-0.002786	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-2.95	-0.003574	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	2.59	0.003137	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-2.52	-0.003013	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-2.66	-0.003180	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-3.28	-0.003921	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-4.45	-0.005251	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-3.95	-0.004661	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-4.99	-0.005888	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-3.06	-0.003707	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-4.21	-0.005100	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-1.85	-0.002241	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-3.05	-0.003646	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-2.86	-0.003419	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-3.69	-0.004411	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-4.48	-0.005286	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-5.46	-0.006442	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-3.99	-0.004708	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-4.22	-0.005106	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-3.76	-0.004549	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-5.26	-0.006364	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-2.82	-0.003371	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	3.75	0.004483	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-3.92	-0.004686	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-35.52	-0.041961	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-4.62	-0.005458	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-110.49	-0.130526	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-4.56	-0.005517	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-4.69	-0.005675	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-3.29	-0.003981	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-2.76	-0.003299	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-3.22	-0.003849	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	3.38	0.004041	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-96.93	-0.114507	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-49.27	-0.058204	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-69.25	-0.081807	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-2.95	-0.003559	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-4.26	-0.005139	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-3.68	-0.004439	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-3.16	-0.003778	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-2.72	-0.003252	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.47	-0.002953	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-3.81	-0.004514	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-2.33	-0.002761	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-3.23	-0.003827	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-2.16	-0.002606	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-4.78	-0.005766	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	2.53	0.003052	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-3.52	-0.004208	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-2.19	-0.002618	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.72	-0.003252	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	2.73	0.003235	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-1.97	-0.002334	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.86	-0.003389	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-4.58	-0.005554	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-4.06	-0.004923	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-4.13	-0.005008	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-4.89	-0.005929	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-4.31	-0.005226	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-4.55	-0.005517	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-4.76	-0.005772	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-5.71	-0.006924	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-4.38	-0.005311	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-2.79	-0.003335	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	3.48	0.004160	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-2.47	-0.002953	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-3.30	-0.003945	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-4.19	-0.005009	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-3.92	-0.004686	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	2.73	0.003264	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-3.66	-0.004375	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-3.33	-0.003981	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-2.90	-0.003419	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-3.71	-0.004373	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-2.36	-0.002782	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-2.56	-0.003018	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-2.29	-0.002700	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	2.50	0.002947	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-2.42	-0.002853	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-4.06	-0.004786	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-2.95	-0.003478	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-4.09	-0.004959	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-4.45	-0.005396	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-4.73	-0.005735	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.95	-0.004790	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-5.22	-0.006330	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-4.95	-0.006002	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-3.05	-0.003698	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-4.86	-0.005893	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-4.36	-0.005287	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-3.75	-0.004483	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-3.75	-0.004483	±2.5	PASS

Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-3.09	-0.003694	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-3.69	-0.004411	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-3.08	-0.003682	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-2.83	-0.003383	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-3.32	-0.003969	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	2.19	0.002618	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-2.98	-0.003562	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-2.85	-0.003360	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-2.75	-0.003242	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-3.88	-0.004574	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	2.15	0.002534	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-3.18	-0.003749	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-3.20	-0.003772	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-2.86	-0.003371	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-2.90	-0.003419	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-3.28	-0.003867	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	2.82	0.003416	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-3.63	-0.004397	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-3.88	-0.004700	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-2.66	-0.003222	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-3.12	-0.003780	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-3.35	-0.004058	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	2.82	0.003416	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	3.40	0.004119	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	3.53	0.004276	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-2.22	-0.002654	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-2.33	-0.002785	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-3.08	-0.003682	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-2.15	-0.002570	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-3.18	-0.003802	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-2.39	-0.002857	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-2.12	-0.002534	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	3.20	0.003825	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-2.30	-0.002750	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-3.36	-0.003965	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-5.22	-0.006159	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-4.56	-0.005381	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-4.84	-0.005711	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-3.73	-0.004401	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-3.78	-0.004460	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-4.55	-0.005369	±2.5	PASS

Band5	3MHz	QPSK	20635	15RB#0	NV	40	-4.79	-0.005652	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-5.82	-0.006867	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-3.58	-0.004337	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-3.12	-0.003780	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	2.35	0.002847	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-3.52	-0.004264	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	1.90	0.002302	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-2.82	-0.003416	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-4.16	-0.005039	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-3.23	-0.003913	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-3.81	-0.004615	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-2.13	-0.002546	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	1.99	0.002379	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	3.40	0.004065	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-2.88	-0.003443	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-2.86	-0.003419	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	2.53	0.003025	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	1.99	0.002379	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	-2.23	-0.002666	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	2.92	0.003491	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-3.96	-0.004673	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-5.14	-0.006065	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-3.99	-0.004708	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-5.31	-0.006265	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-2.95	-0.003481	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-2.32	-0.002737	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-3.89	-0.004590	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-4.51	-0.005322	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-3.62	-0.004271	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.88	-0.004694	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-3.91	-0.004731	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-5.55	-0.006715	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.25	-0.003932	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-4.15	-0.005021	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-3.71	-0.004489	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-4.09	-0.004949	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-3.98	-0.004815	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-3.95	-0.004779	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-3.43	-0.004100	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	2.46	0.002941	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-5.84	-0.006981	±2.5	PASS

Band5	5MHz	QPSK	20525	25RB#0	NV	0	3.09	0.003694	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-3.78	-0.004519	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-3.93	-0.004698	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	2.60	0.003108	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-4.21	-0.005033	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-2.85	-0.003407	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	17.62	0.020815	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	66.06	0.078039	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	-64.79	-0.076539	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	18.01	0.021276	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-42.16	-0.049805	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	52.29	0.061772	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	80.15	0.094684	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-59.18	-0.069911	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-122.04	-0.144170	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-4.94	-0.005977	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-3.92	-0.004743	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-5.06	-0.006122	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-3.96	-0.004791	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-5.16	-0.006243	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-4.63	-0.005602	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-4.62	-0.005590	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-3.76	-0.004549	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-3.18	-0.003848	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-3.72	-0.004447	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	3.05	0.003646	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	4.82	0.005762	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-2.82	-0.003371	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-2.63	-0.003144	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	2.45	0.002929	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-3.92	-0.004686	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-3.68	-0.004399	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-3.68	-0.004399	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-95.23	-0.112499	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	37.68	0.044513	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	68.44	0.080851	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-66.93	-0.079067	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-69.87	-0.082540	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	45.42	0.053656	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	41.96	0.049569	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-15.48	-0.018287	±2.5	PASS

Band5	5MHz	16QAM	20625	25RB#0	NV	50	56.16	0.066344	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-3.39	-0.004089	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-3.22	-0.003884	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-3.56	-0.004294	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-3.58	-0.004318	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-3.09	-0.003727	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-2.93	-0.003534	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.55	-0.004282	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.55	-0.003076	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-2.16	-0.002582	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-4.28	-0.005117	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-2.96	-0.003539	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.52	-0.004208	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.73	-0.003264	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-3.26	-0.003897	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.75	-0.004483	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-3.12	-0.003730	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-2.72	-0.003252	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-3.89	-0.004609	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-4.05	-0.004799	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-3.83	-0.004538	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-6.02	-0.007133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-4.05	-0.004799	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-2.83	-0.003353	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-2.85	-0.003377	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-3.43	-0.004064	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-3.02	-0.003578	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-3.22	-0.003884	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	2.09	0.002521	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-3.22	-0.003884	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-2.07	-0.002497	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	2.37	0.002859	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	2.83	0.003414	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	2.32	0.002799	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-2.05	-0.002473	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-2.52	-0.003040	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-3.22	-0.003849	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-3.43	-0.004100	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-3.46	-0.004136	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-3.83	-0.004579	±2.5	PASS

Band5	10MHz	16QAM	20525	50RB#0	NV	10	-2.96	-0.003539	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-3.22	-0.003849	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-3.16	-0.003778	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	4.68	0.005595	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-3.73	-0.004459	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-2.83	-0.003353	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-3.25	-0.003851	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	3.06	0.003626	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	4.03	0.004775	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	3.26	0.003863	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-2.85	-0.003377	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	2.35	0.002784	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	2.53	0.002998	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	2.47	0.002927	±2.5	PASS