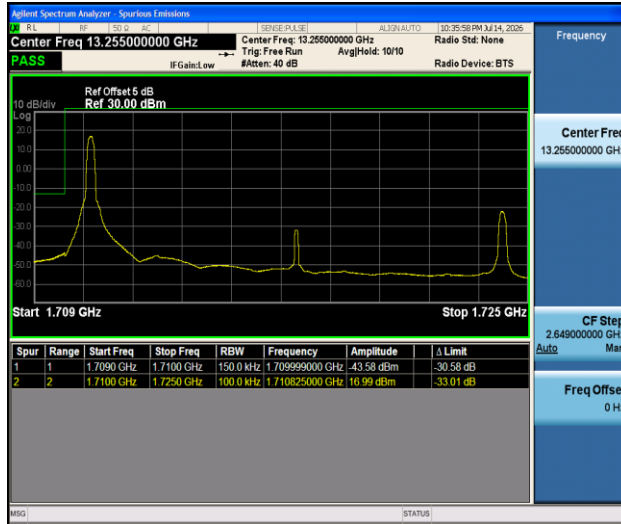
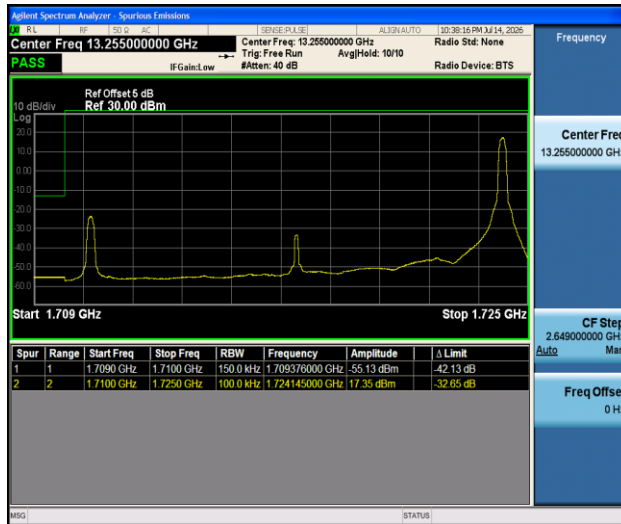
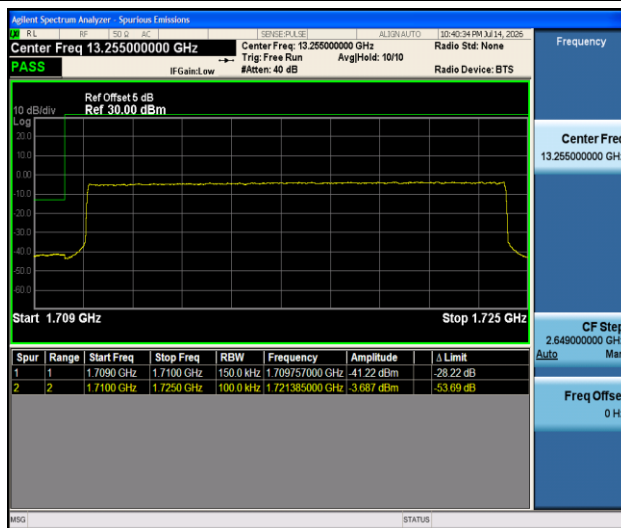




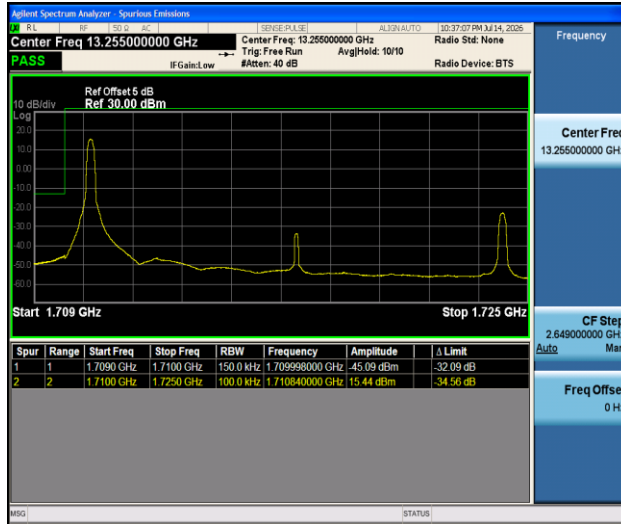
Band4-15MHz-QPSK-20025-1RB#0-PASS



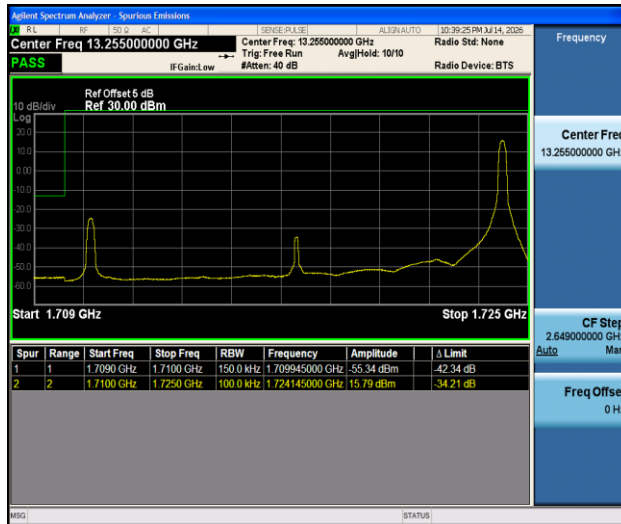
Band4-15MHz-QPSK-20025-1RB#74-PASS



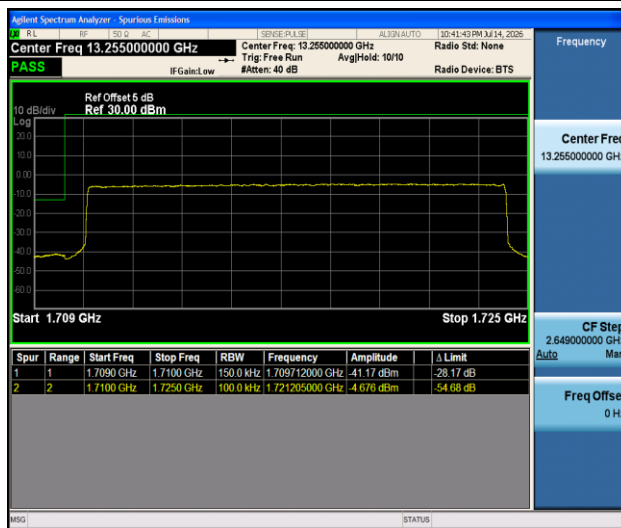
Band4-15MHz-QPSK-20025-75RB#0-PASS



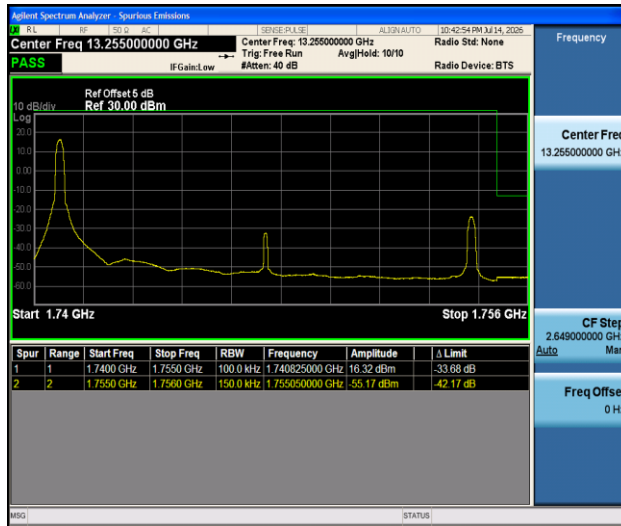
Band4-15MHz-16QAM-20025-1RB#0-PASS



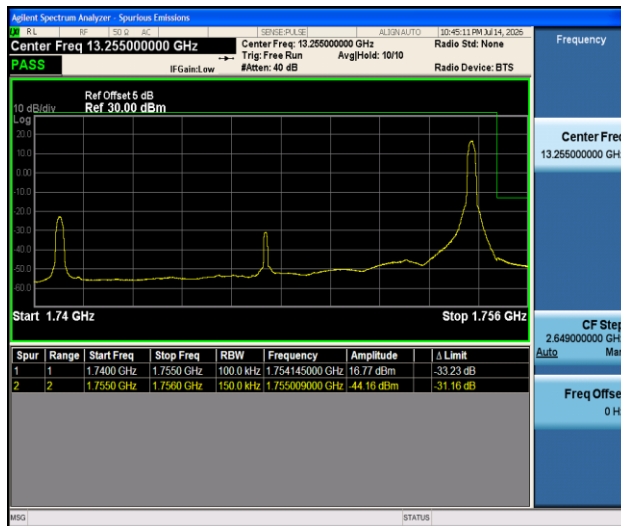
Band4-15MHz-16QAM-20025-1RB#74-PASS



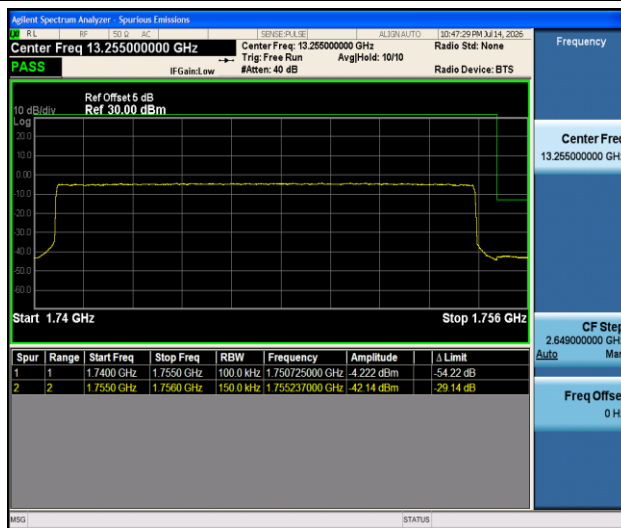
Band4-15MHz-16QAM-20025-75RB#0-PASS



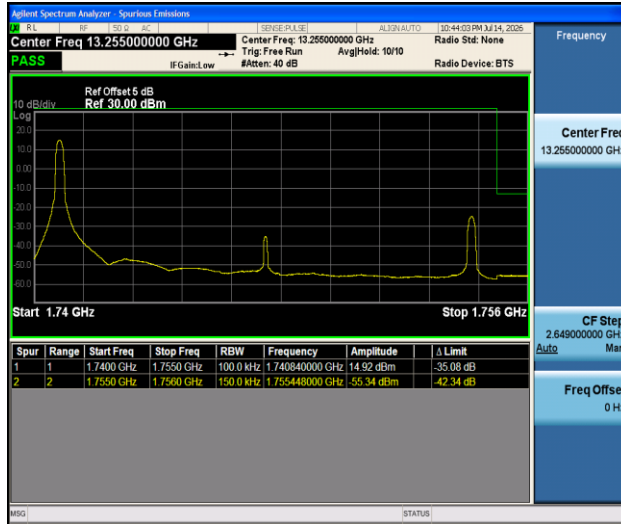
Band4-15MHz-QPSK-20325-1RB#0-PASS



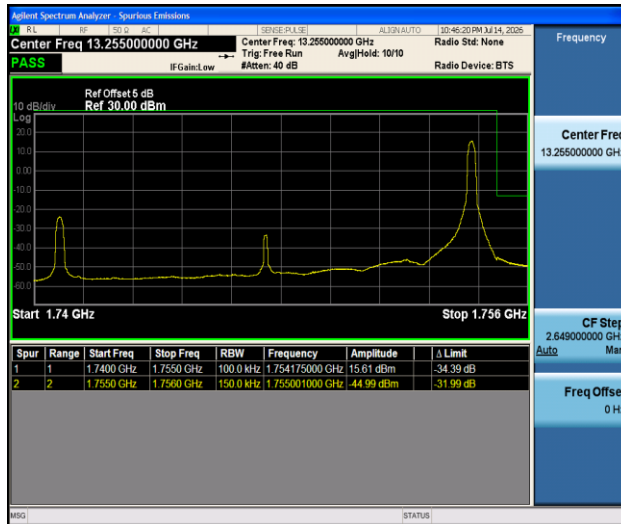
Band4-15MHz-QPSK-20325-1RB#74-PASS



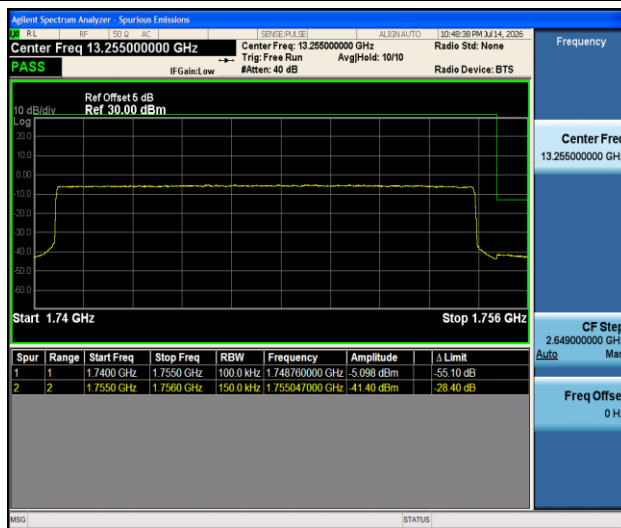
Band4-15MHz-QPSK-20325-75RB#0-PASS



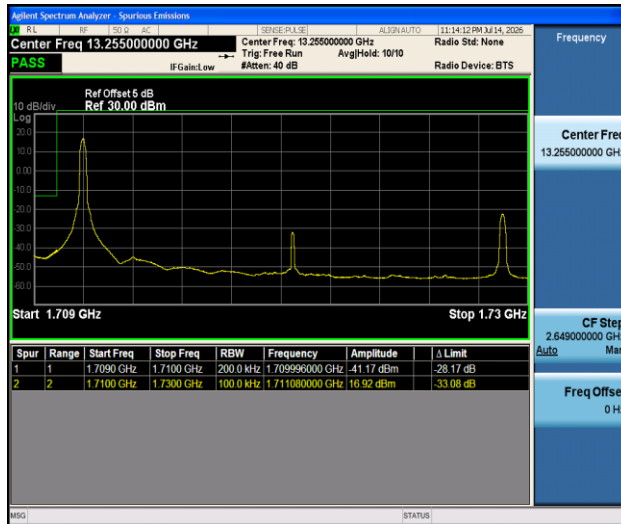
Band4-15MHz-16QAM-20325-1RB#0-PASS



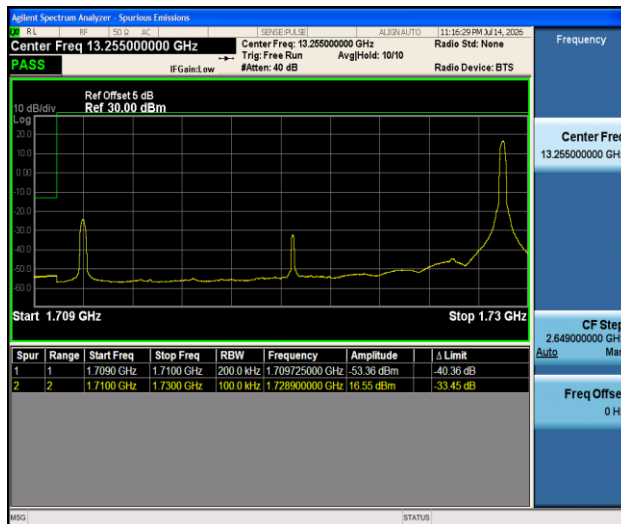
Band4-15MHz-16QAM-20325-1RB#74-PASS



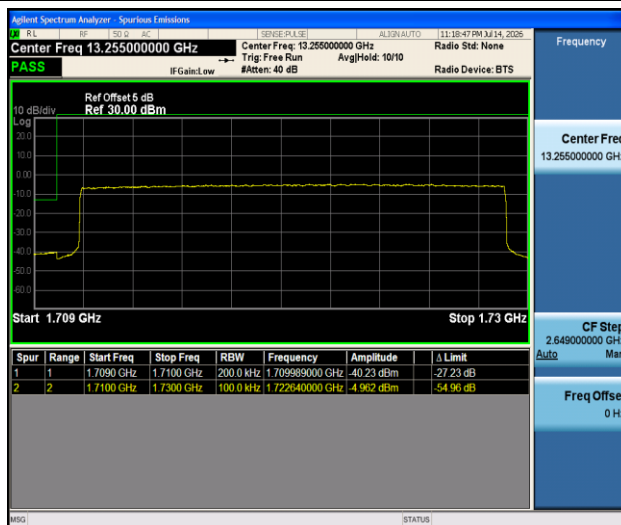
Band4-15MHz-16QAM-20325-75RB#0-PASS



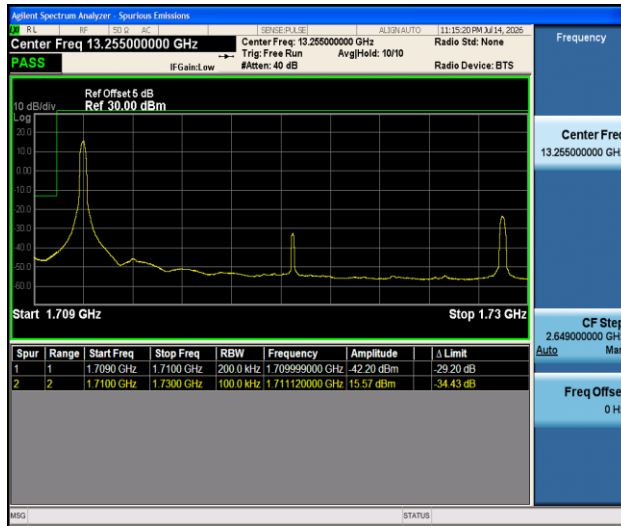
Band4-20MHz-QPSK-20050-1RB#0-PASS



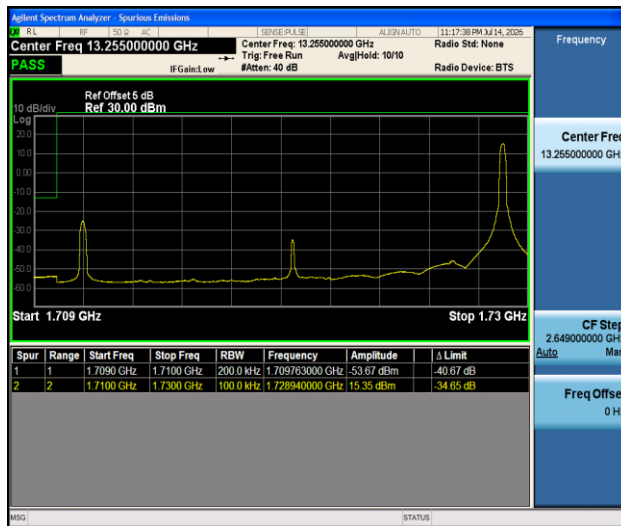
Band4-20MHz-QPSK-20050-1RB#99-PASS



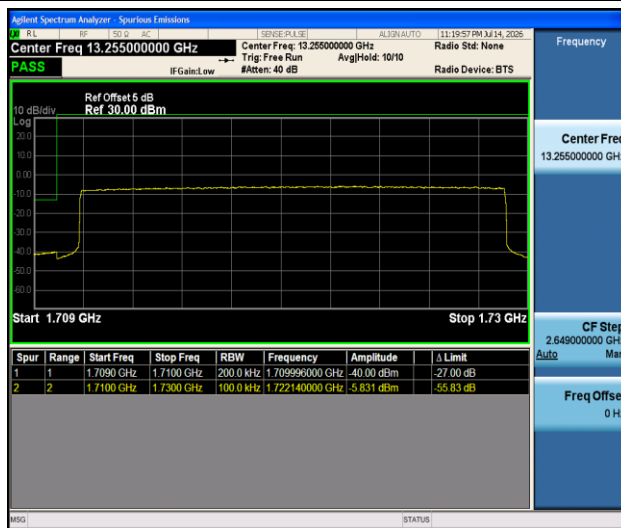
Band4-20MHz-QPSK-20050-100RB#0-PASS



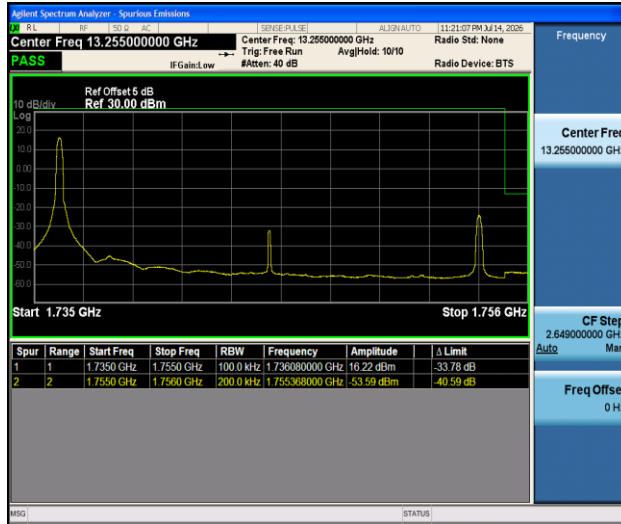
Band4-20MHz-16QAM-20050-1RB#0-PASS



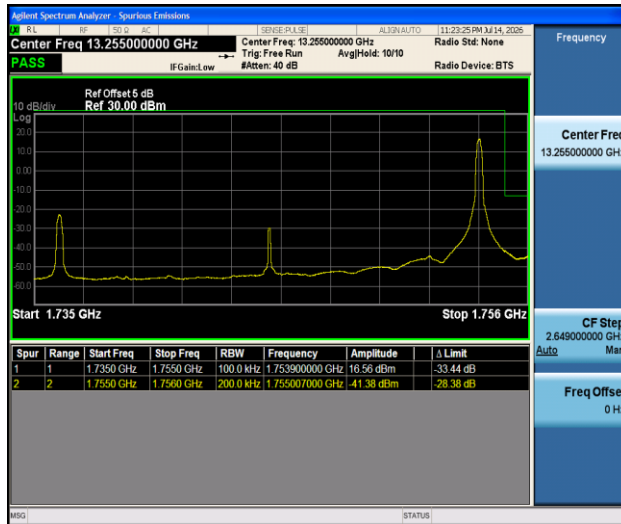
Band4-20MHz-16QAM-20050-1RB#99-PASS



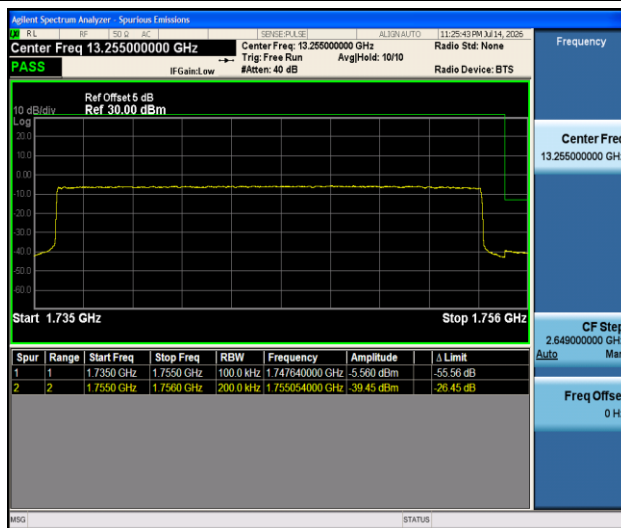
Band4-20MHz-16QAM-20050-100RB#0-PASS



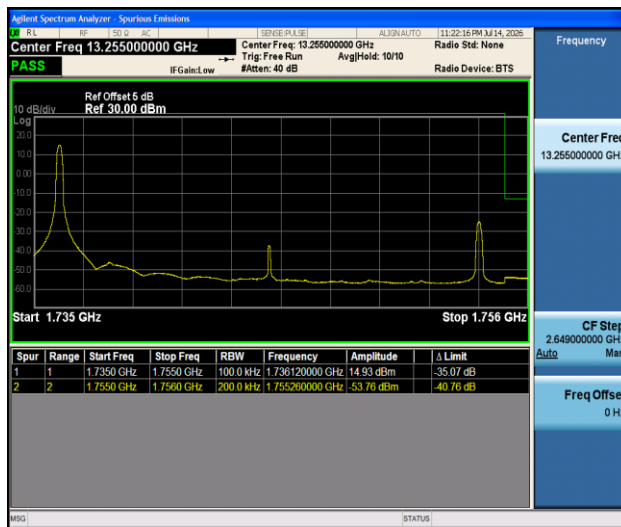
Band4-20MHz-QPSK-20300-1RB#0-PASS



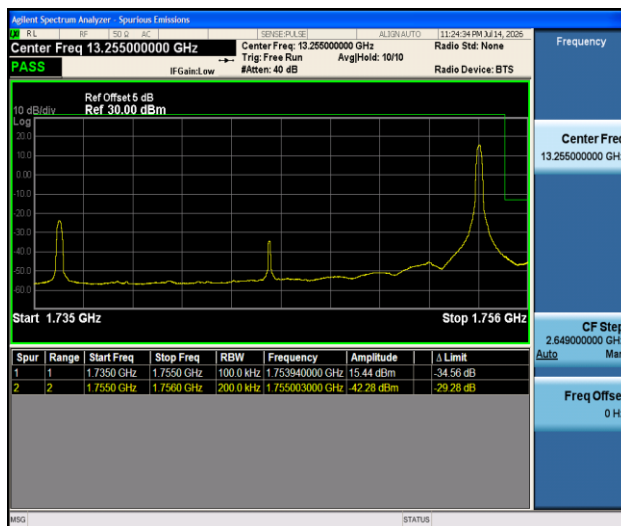
Band4-20MHz-QPSK-20300-1RB#99-PASS



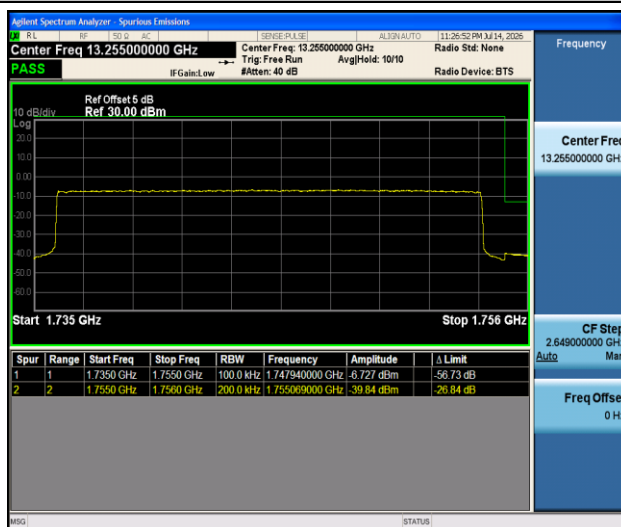
Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-16QAM-20300-1RB#0-PASS



Band4-20MHz-16QAM-20300-1RB#99-PASS



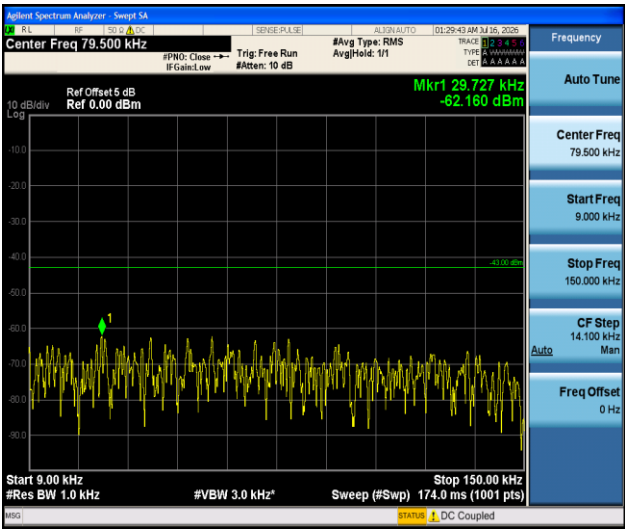
Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix E: Conducted Spurious Emission

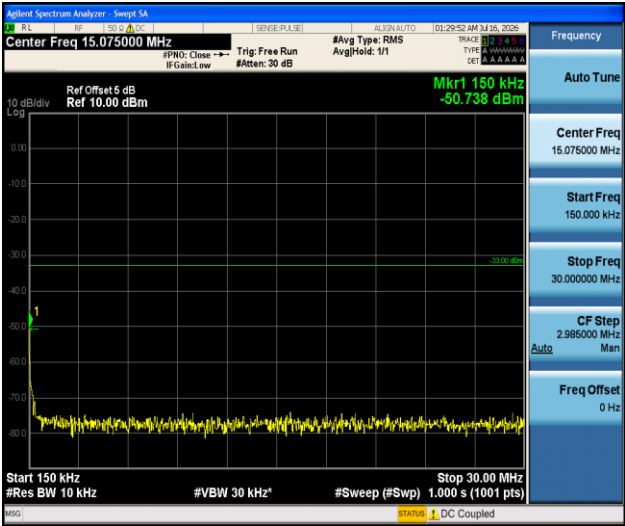
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Limit (dBm)	Verdict
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-62.16	-43.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-50.74	-33.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-63.82	-23.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-20.67	-13.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-36.98	-13.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-61.18	-43.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-53.32	-33.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-63.89	-23.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-36.14	-13.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-32.73	-13.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-62.88	-43.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-54.05	-33.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-63.97	-23.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-38.06	-13.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-36.27	-13.00	PASS

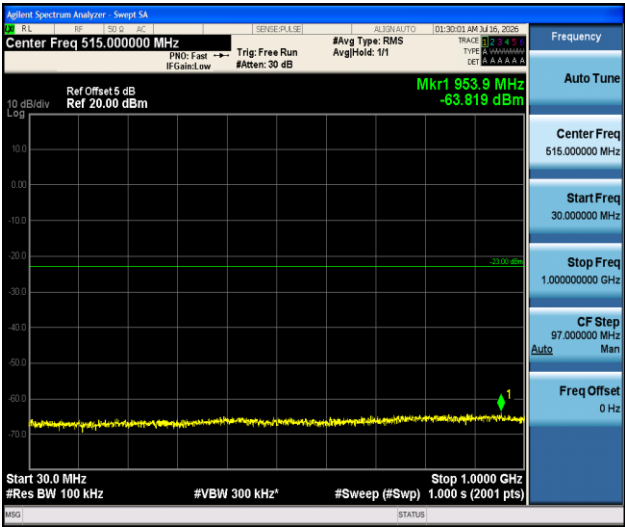
Test Graphs



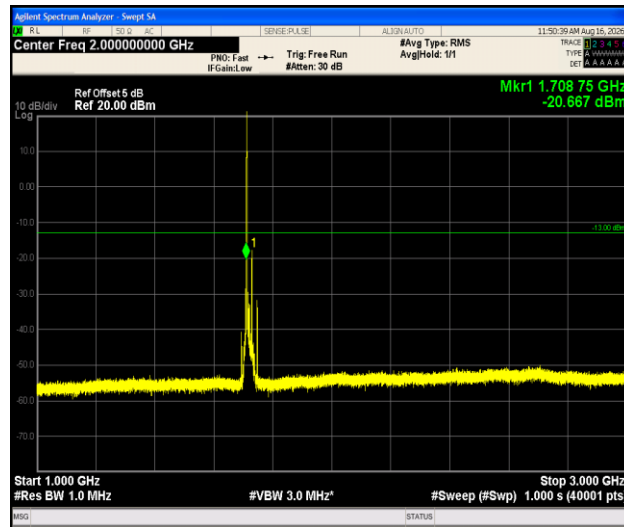
Band4-20MHz-QPSK-20050-1RB#0-0.009~0.15-PASS



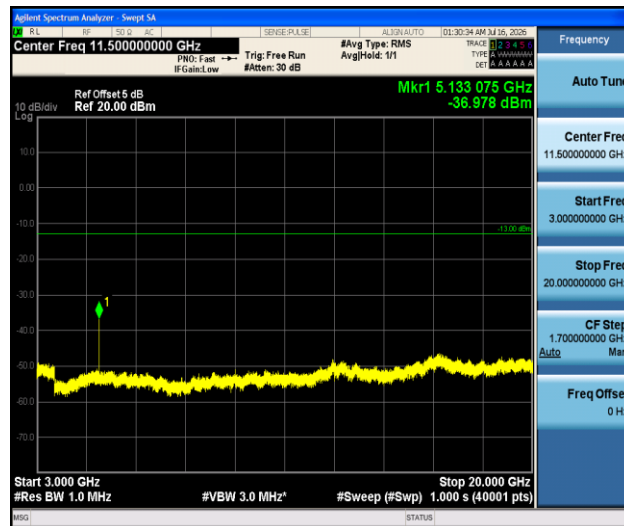
Band4-20MHz-QPSK-20050-1RB#0-0.15~30-PASS



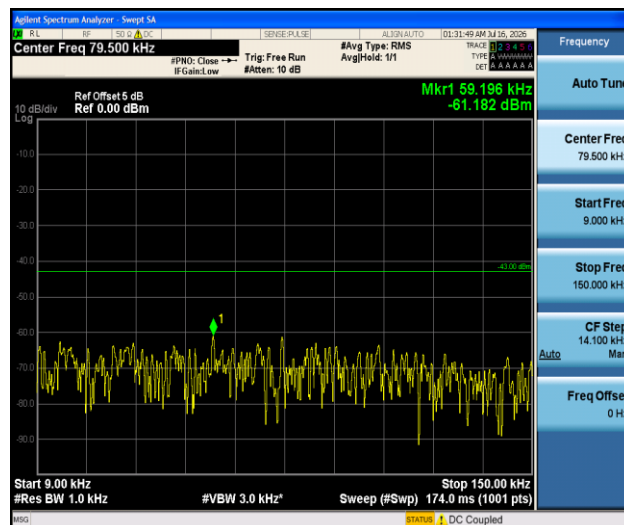
Band4-20MHz-QPSK-20050-1RB#0-30~1000-PASS



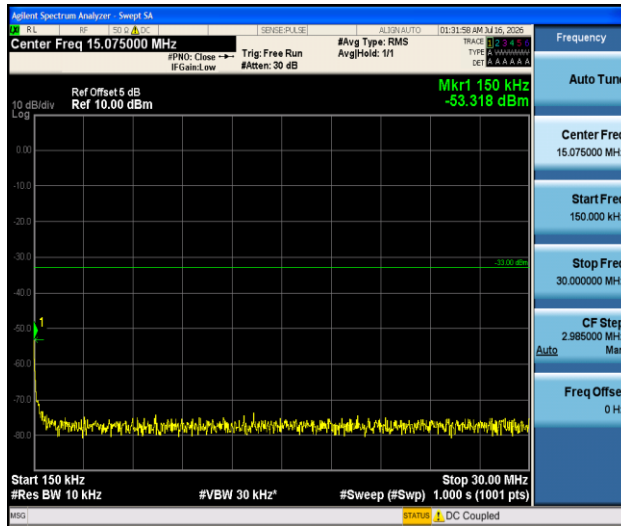
Band4-20MHz-QPSK-20050-1RB#0-1000~3000-PASS



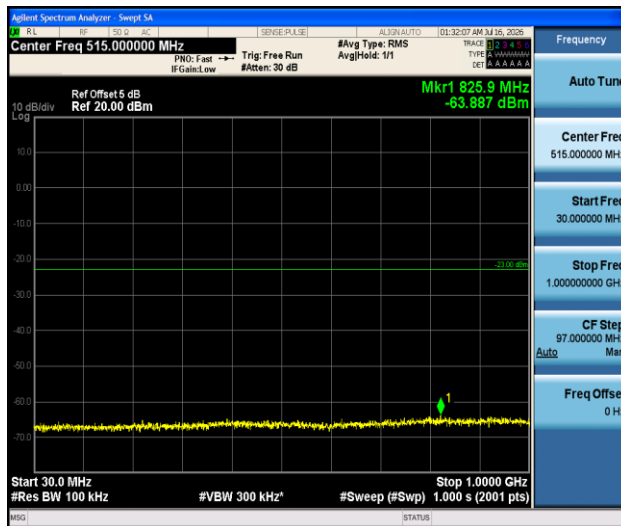
Band4-20MHz-QPSK-20050-1RB#0-3000~20000-PASS



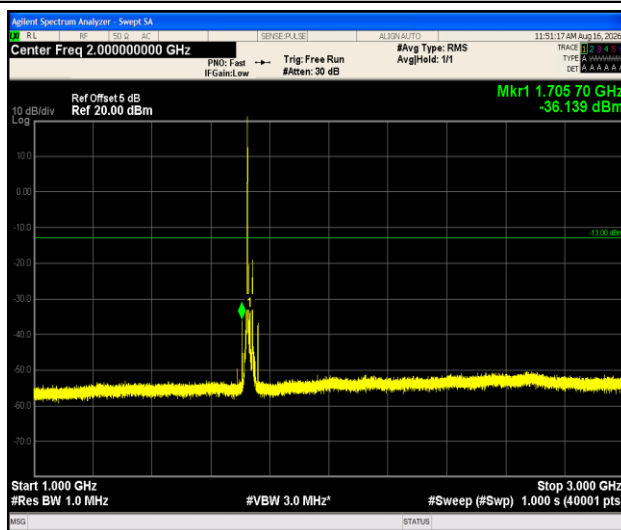
Band4-20MHz-QPSK-20175-1RB#0-0.009~0.15-PASS



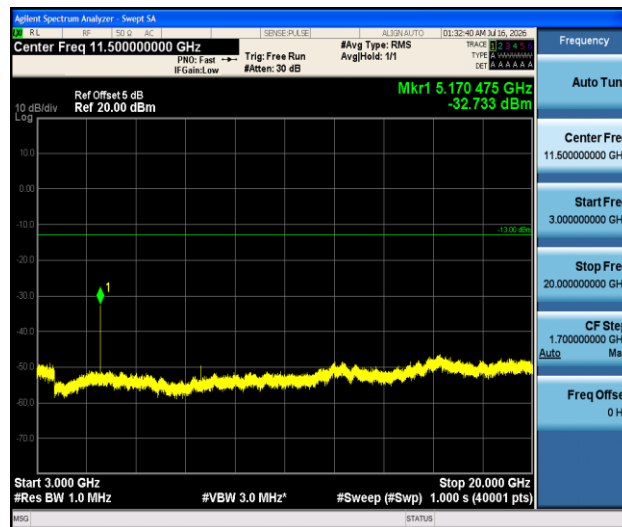
Band4-20MHz-QPSK-20175-1RB#0-0.15~30-PASS



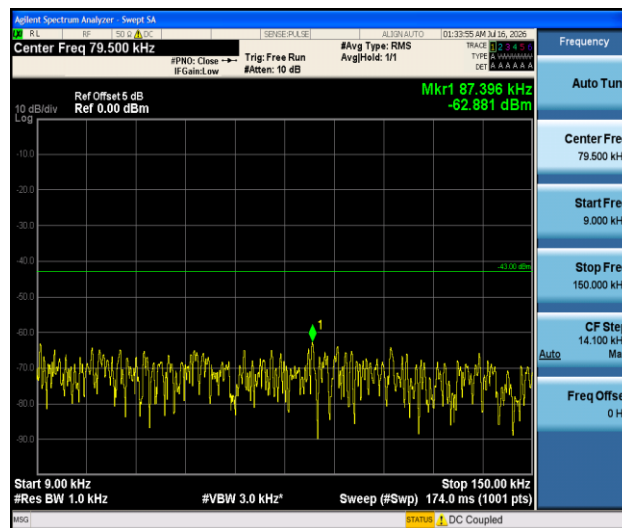
Band4-20MHz-QPSK-20175-1RB#0-30~1000-PASS



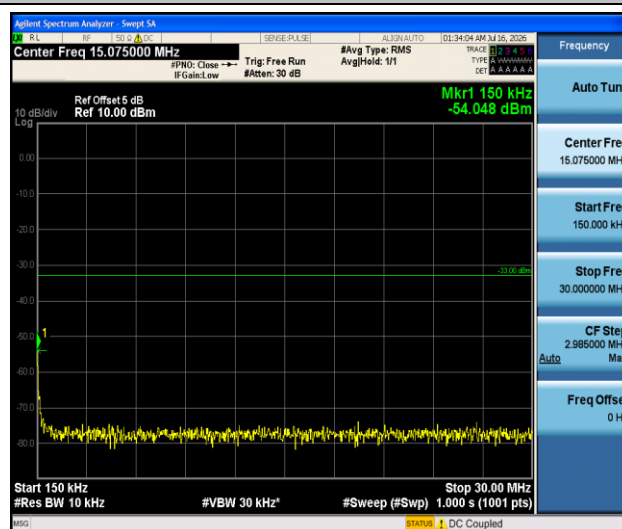
Band4-20MHz-QPSK-20175-1RB#0-1000~3000-PASS



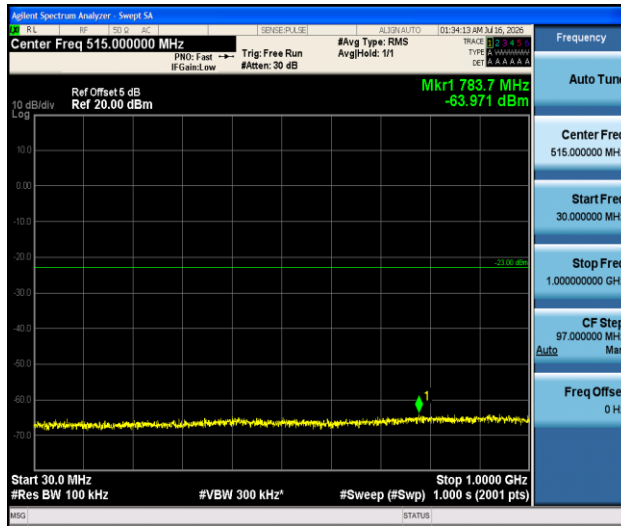
Band4-20MHz-QPSK-20175-1RB#0-3000~20000-PASS



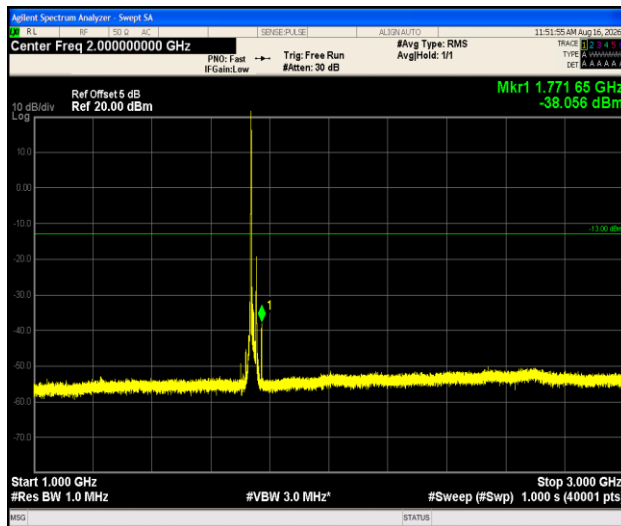
Band4-20MHz-QPSK-20300-1RB#0-0.009~0.15-PASS



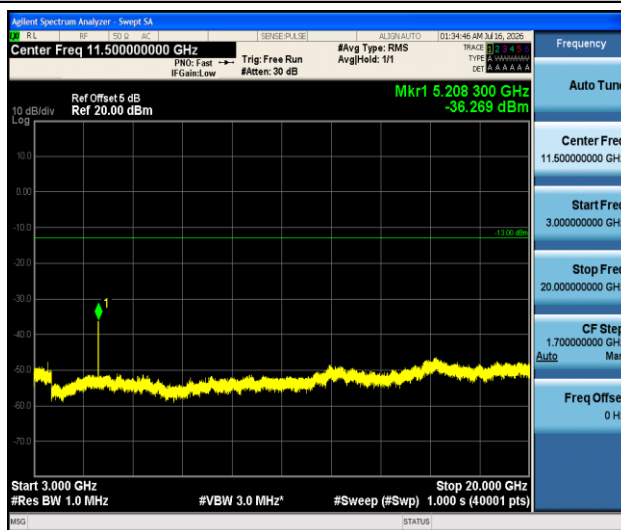
Band4-20MHz-QPSK-20300-1RB#0-0.15~30-PASS



Band4-20MHz-QPSK-20300-1RB#0-30~1000-PASS



Band4-20MHz-QPSK-20300-1RB#0-1000~3000-PASS



Band4-20MHz-QPSK-20300-1RB#0-3000~20000-PASS

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-27.08	-0.015744	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-12.39	-0.007203	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	4.15	0.002413	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-32.20	-0.018586	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-12.69	-0.007325	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	6.32	0.003648	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-22.22	-0.012734	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-21.72	-0.012447	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-9.48	-0.005433	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	9.36	0.005442	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-25.58	-0.014872	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	-22.86	-0.013291	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-21.26	-0.012360	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-18.25	-0.010610	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-16.97	-0.009866	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-14.63	-0.008506	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-14.99	-0.008715	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-12.23	-0.007110	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-22.83	-0.013177	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-19.57	-0.011296	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-12.09	-0.006978	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-8.07	-0.004658	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-5.36	-0.003094	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-2.96	-0.001709	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	2.42	0.001397	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	2.56	0.001478	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	5.38	0.003105	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-9.76	-0.005593	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-14.53	-0.008327	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	13.72	0.007862	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	0	-7.67	-0.004395	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-22.36	-0.012814	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-6.61	-0.003788	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	11.36	0.006510	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-10.96	-0.006281	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	6.32	0.003622	±2.5	PASS