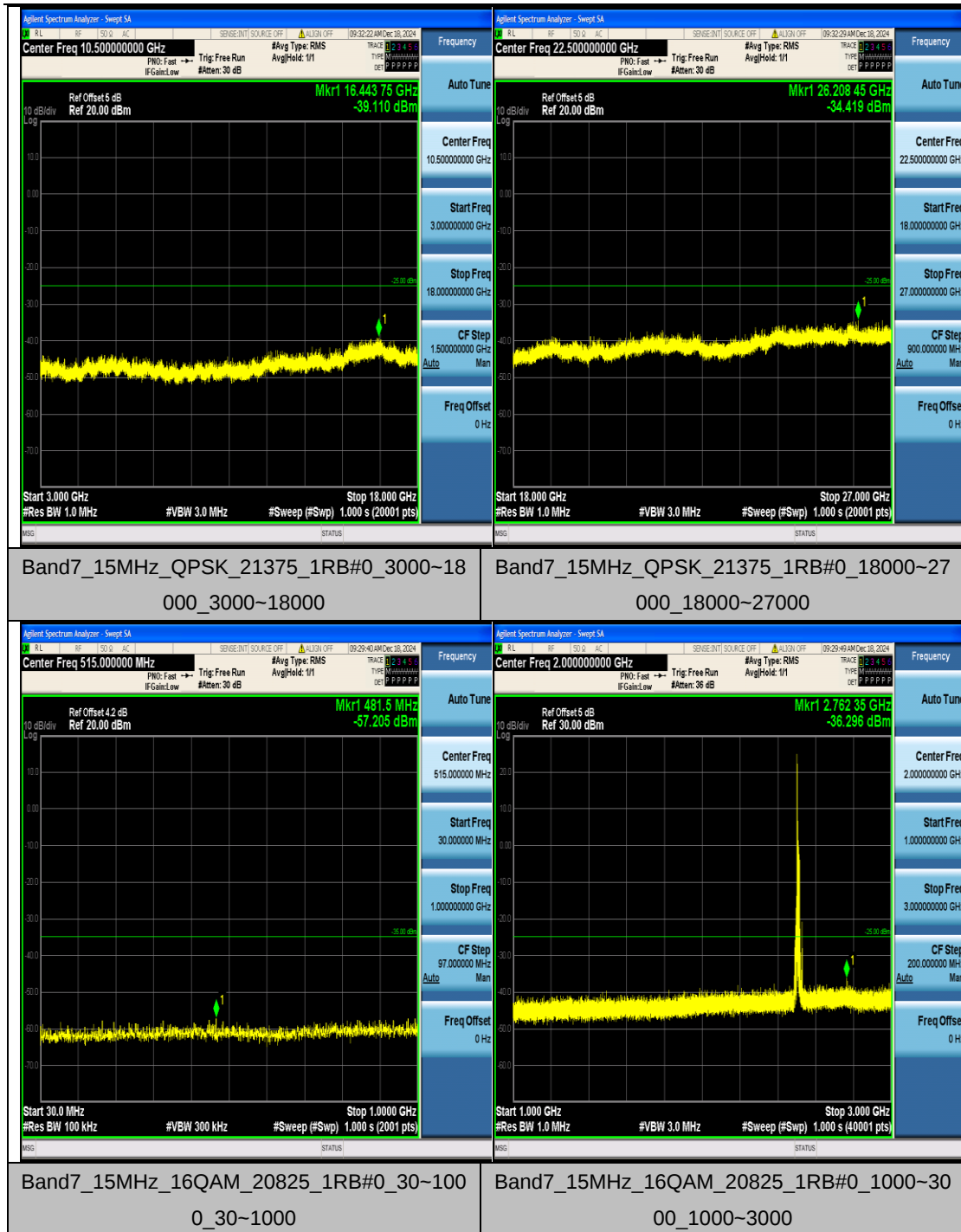
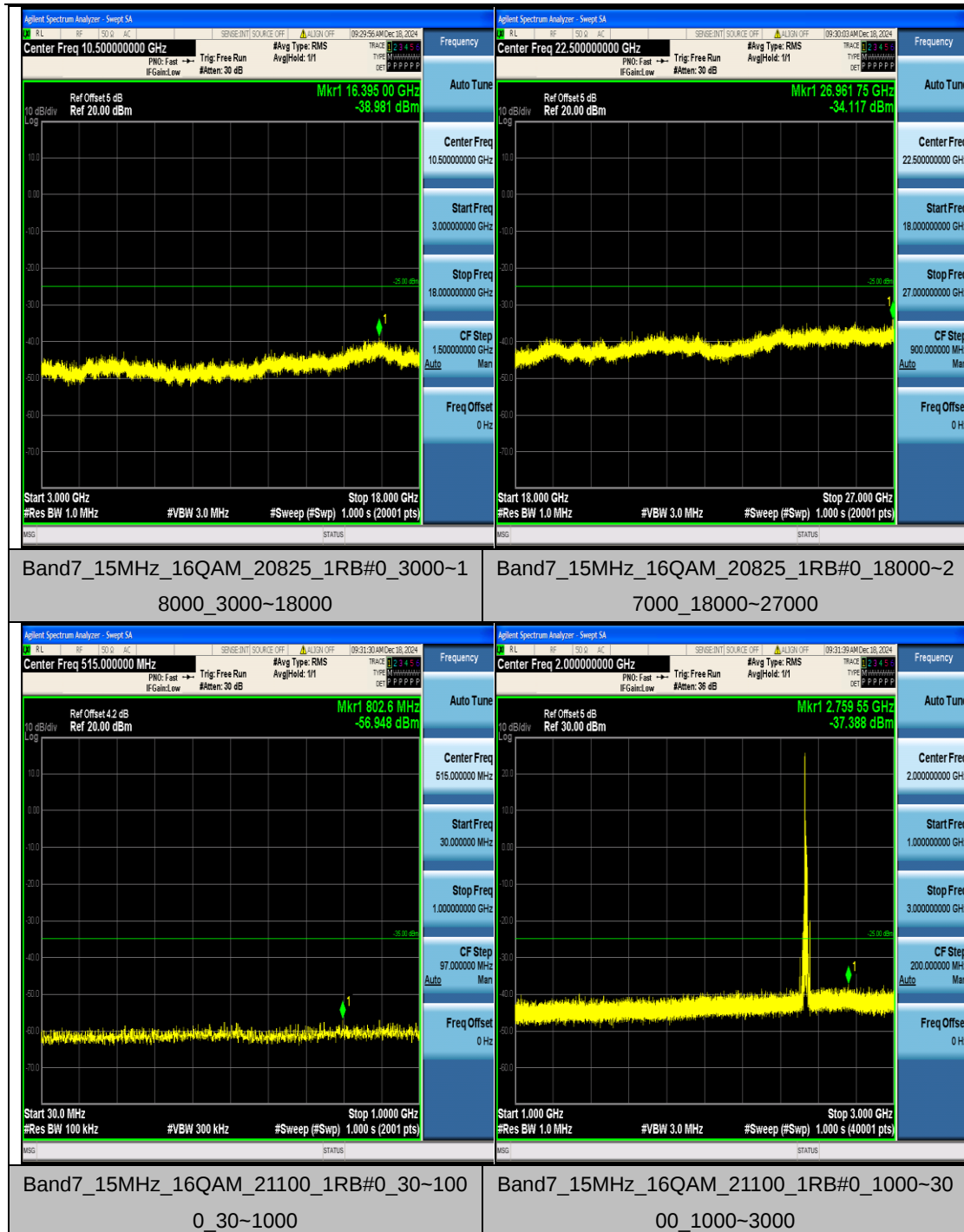
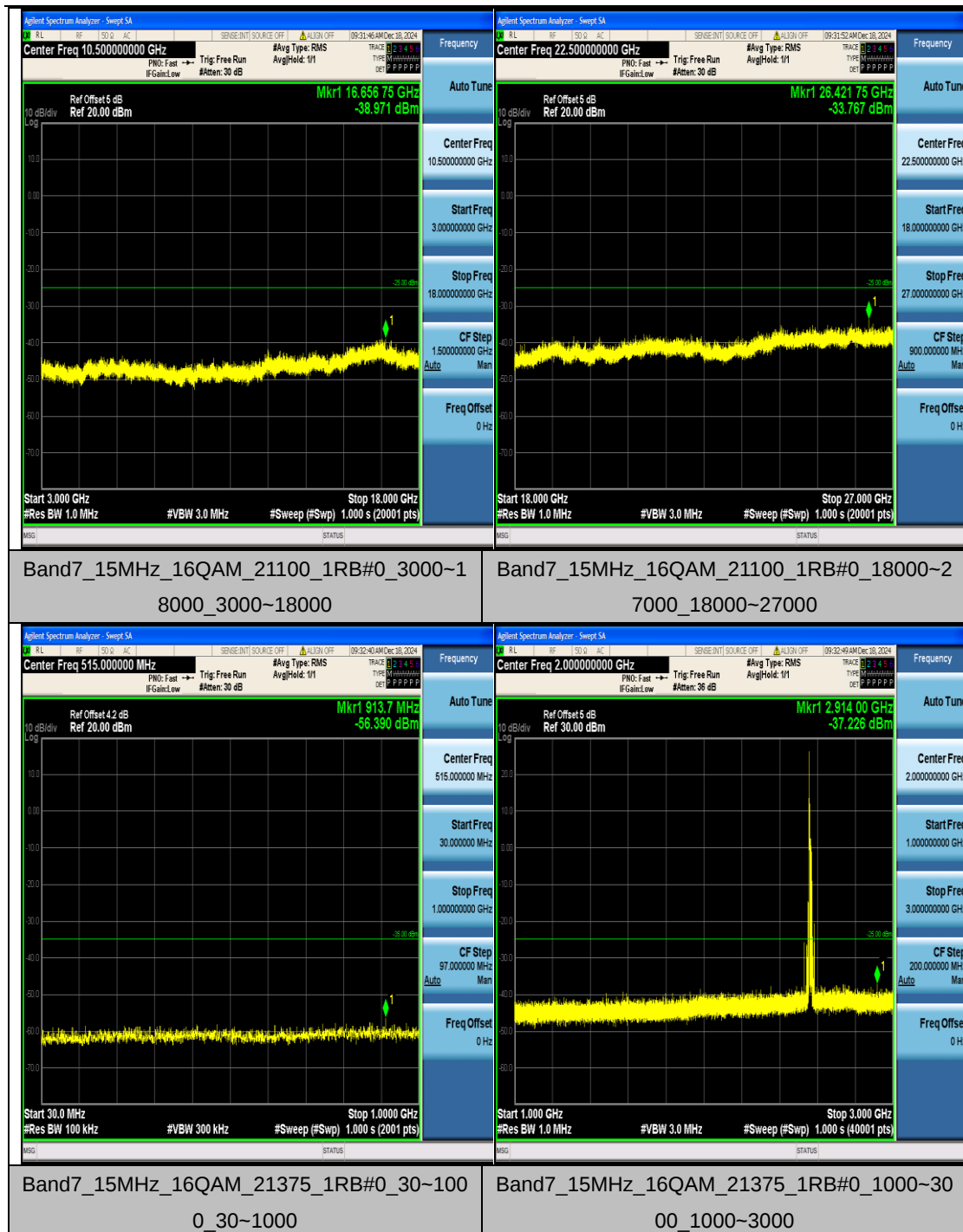
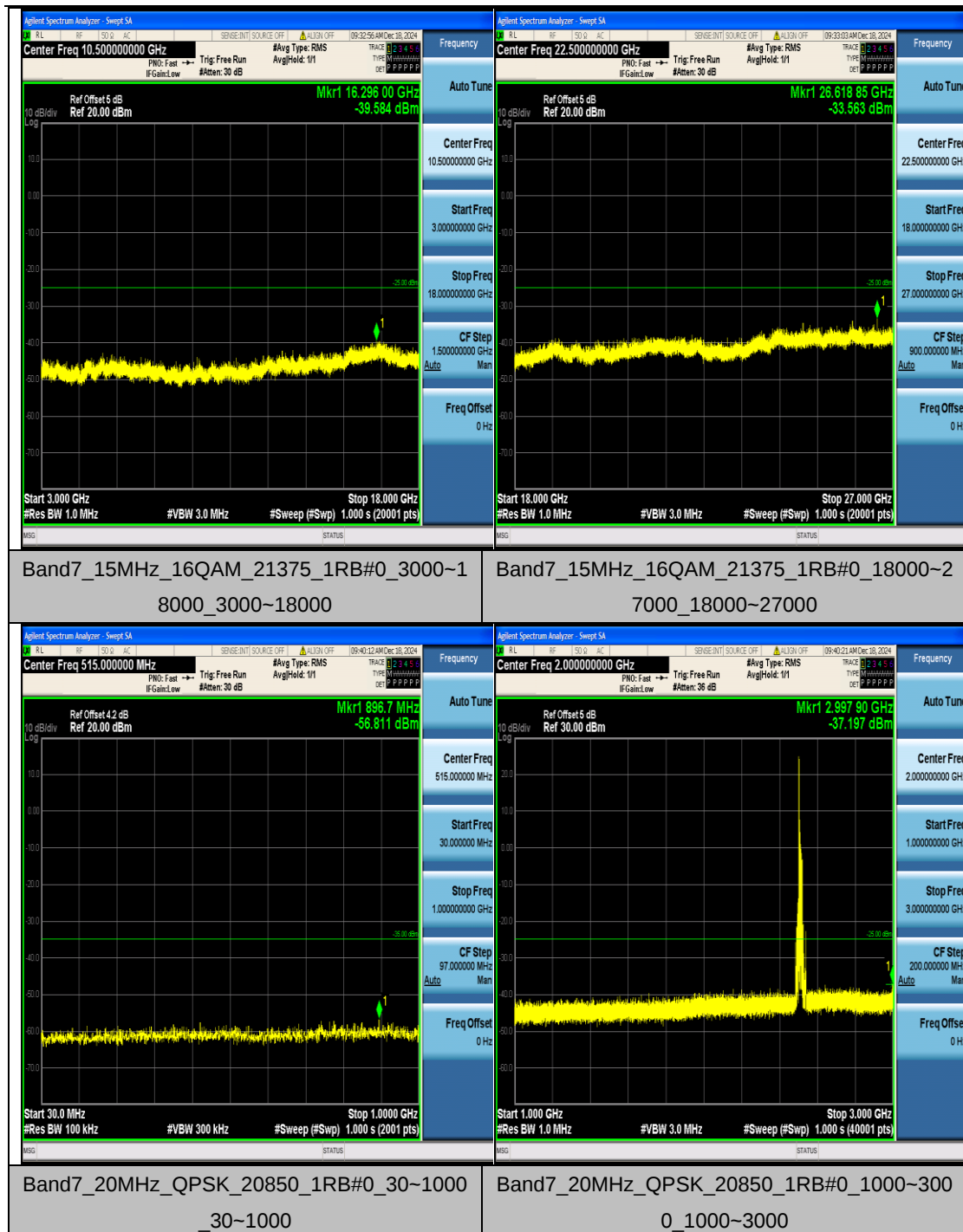
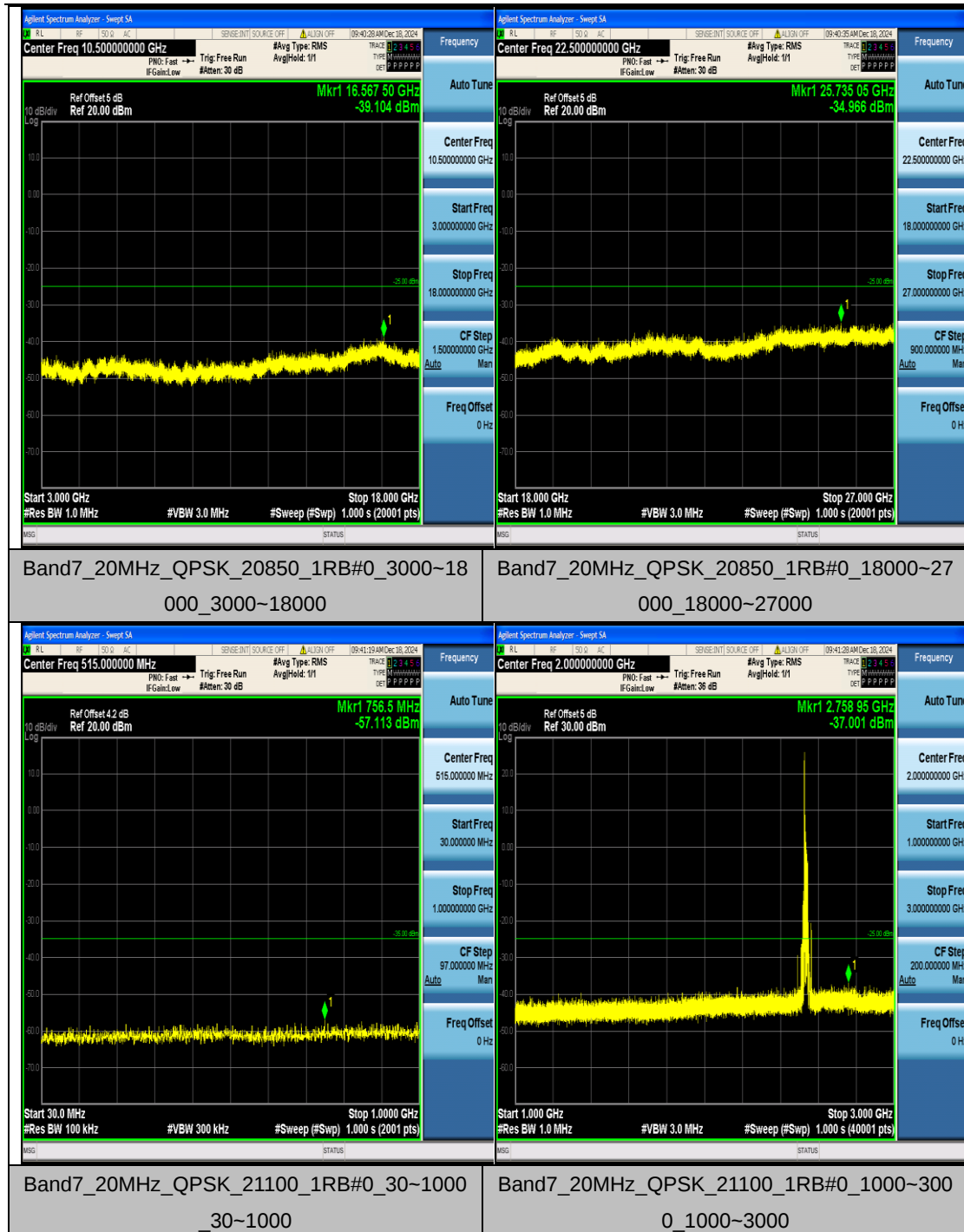


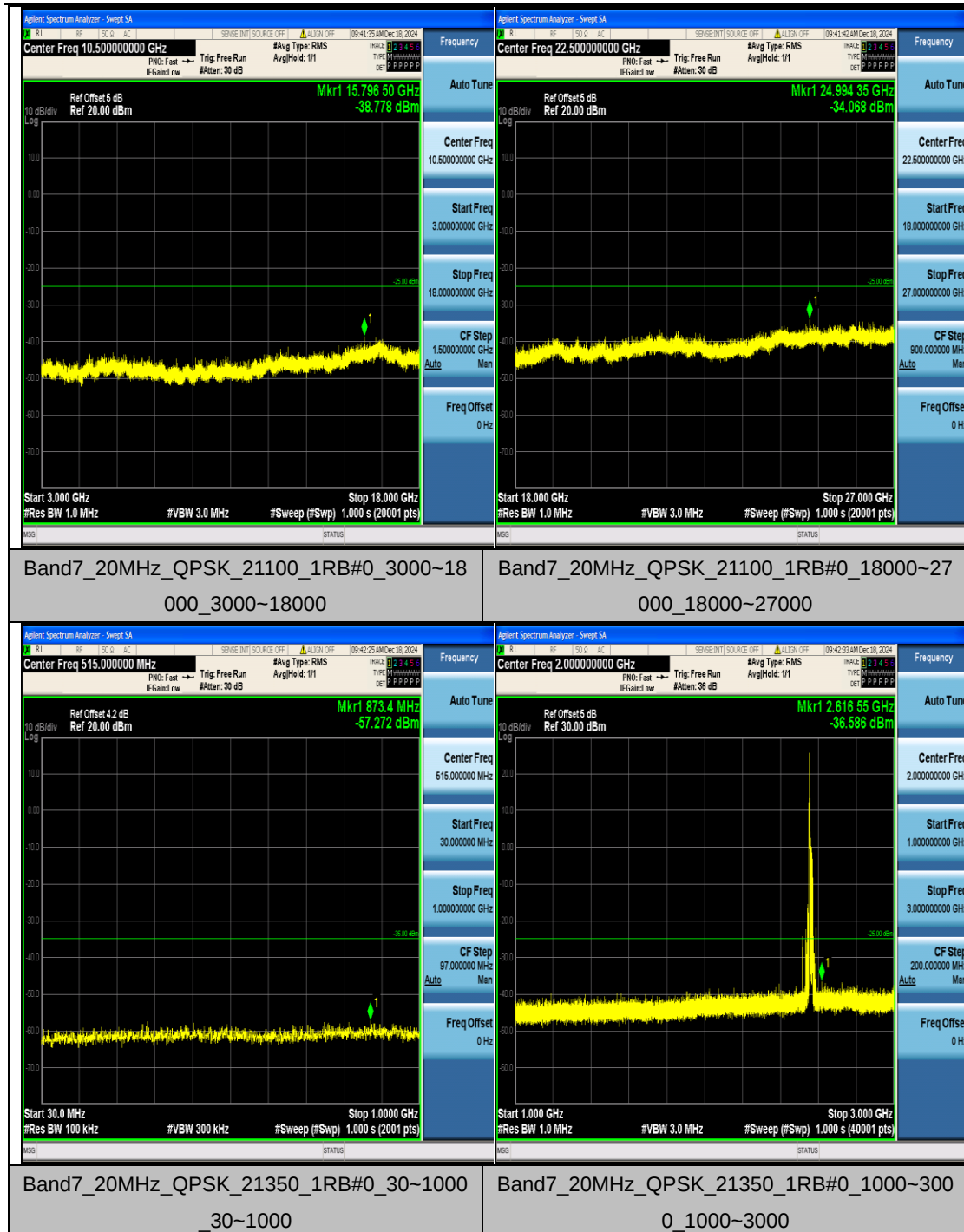


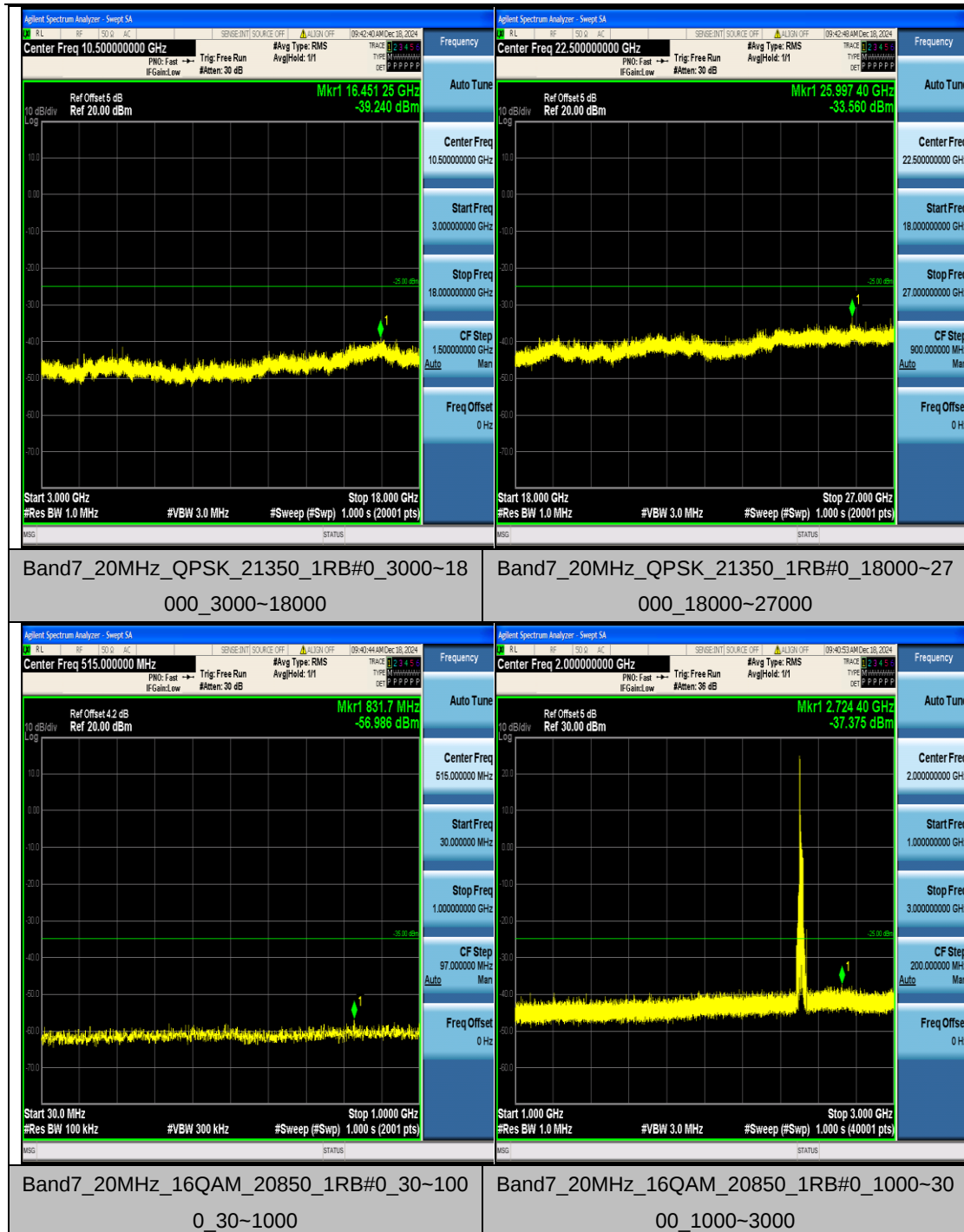


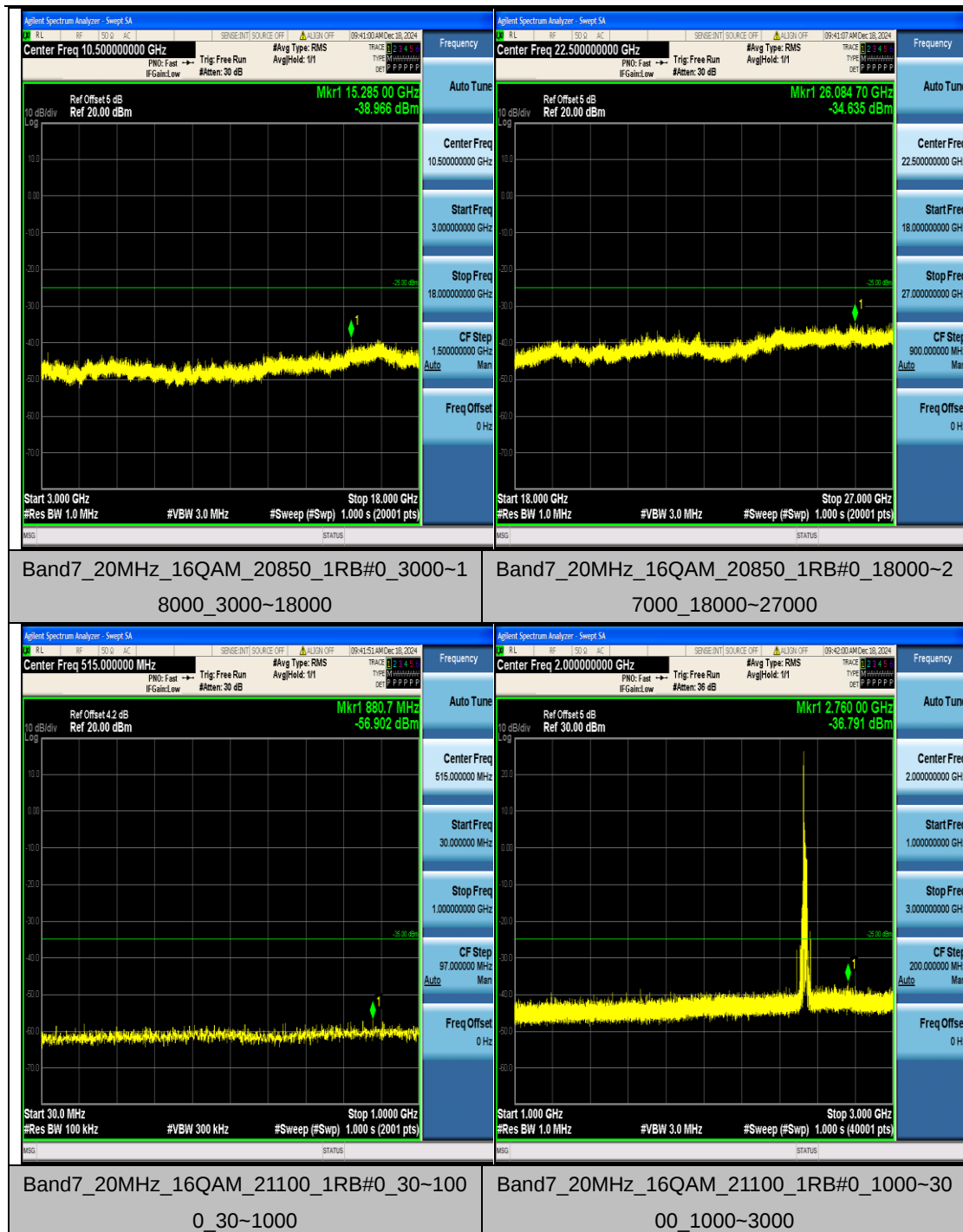


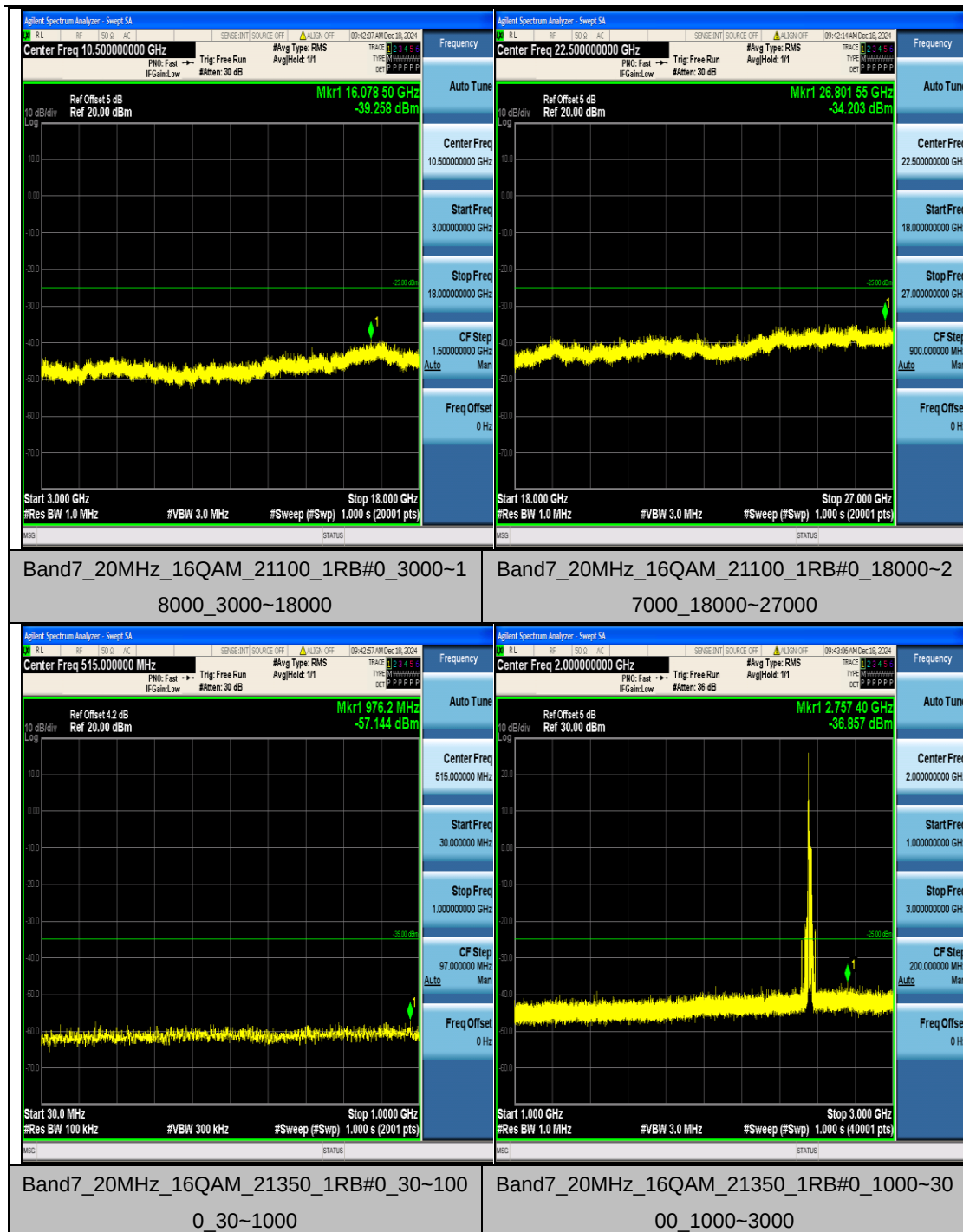


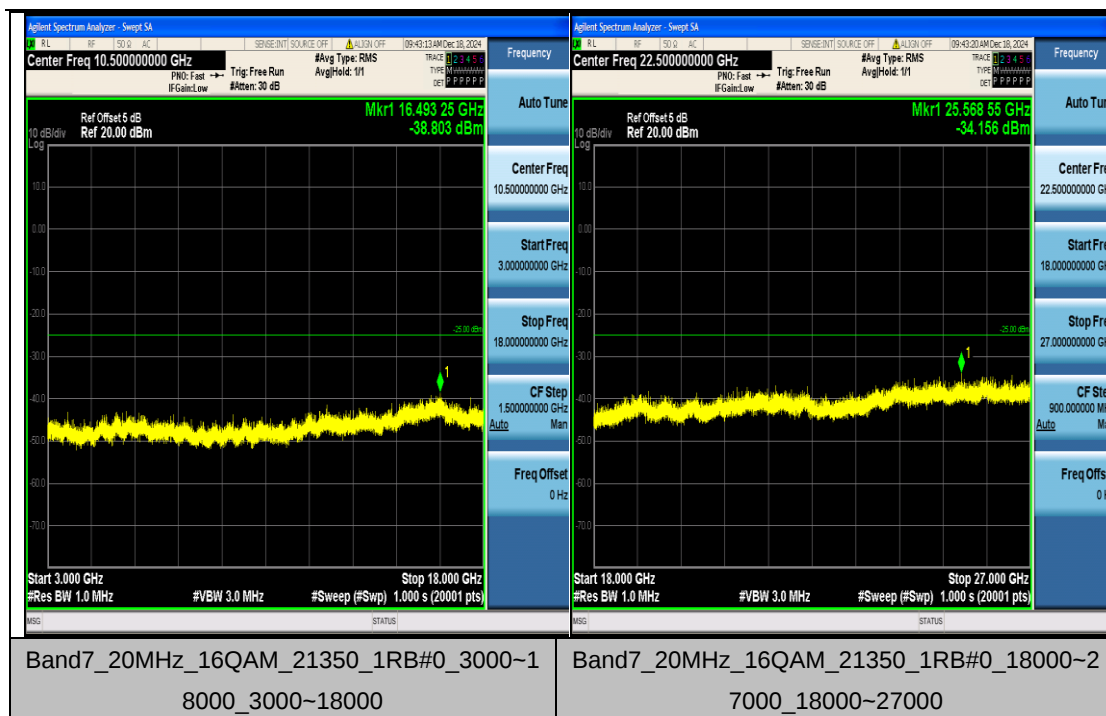












Appendix A5: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	33.47	0.017803	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	29.17	0.015516	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	26.29	0.013984	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	42.94	0.024785	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	40.47	0.023359	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-24.58	-0.014188	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	6.57	0.007854	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	5.32	0.006360	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	5.25	0.006276	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-50.67	-0.019988	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-27.38	-0.010801	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-42.33	-0.016698	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	24.38	0.012968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	22.87	0.012165	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	20.73	0.011027	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	17.62	0.009372	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	15.36	0.008170	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	18.61	0.009899	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	16.47	0.008761	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	23.53	0.012516	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	16.21	0.008622	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-25.43	-0.014678	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-30.60	-0.017662	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-25.49	-0.014713	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-28.37	-0.016375	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-22.19	-0.012808	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-21.73	-0.012543	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-23.35	-0.013478	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-23.35	-0.013478	±2.5	PASS

Band4	20MHz	QPSK	20175	100RB#0	NV	50	-22.12	-0.012768	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	3.05	0.003646	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-2.80	-0.003347	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	3.66	0.004375	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	5.97	0.007137	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	3.81	0.004555	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	5.81	0.006946	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	5.79	0.006922	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	4.73	0.005655	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	4.65	0.005559	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-44.17	-0.017424	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-43.86	-0.017302	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-45.02	-0.017759	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-47.91	-0.018899	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-43.24	-0.017057	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-43.10	-0.017002	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-44.78	-0.017665	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-41.04	-0.016189	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-36.16	-0.014264	±2.5	PASS