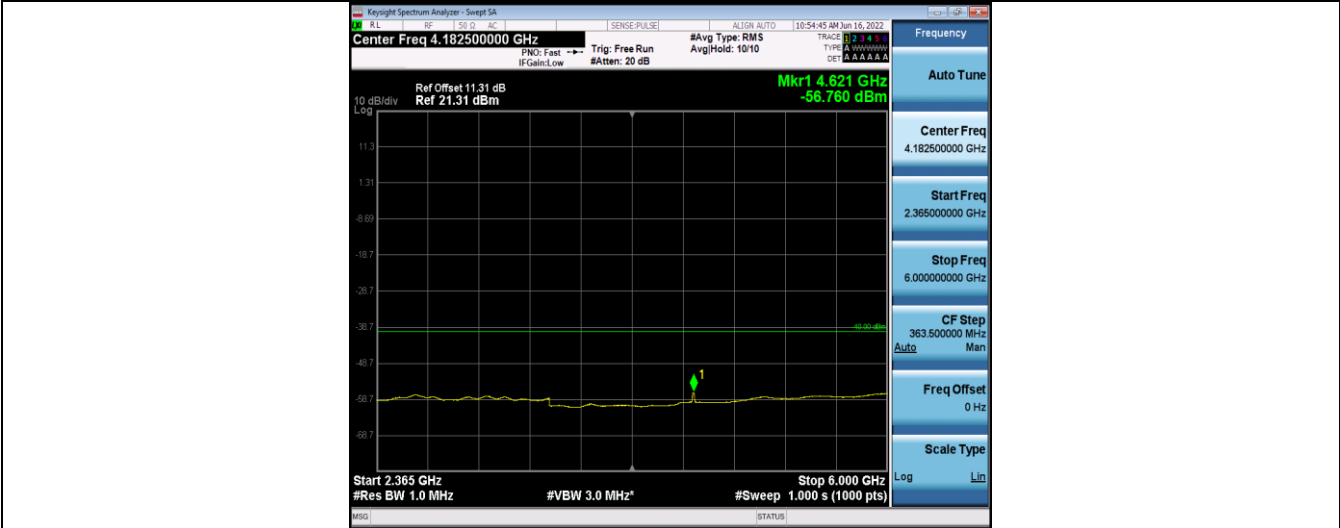


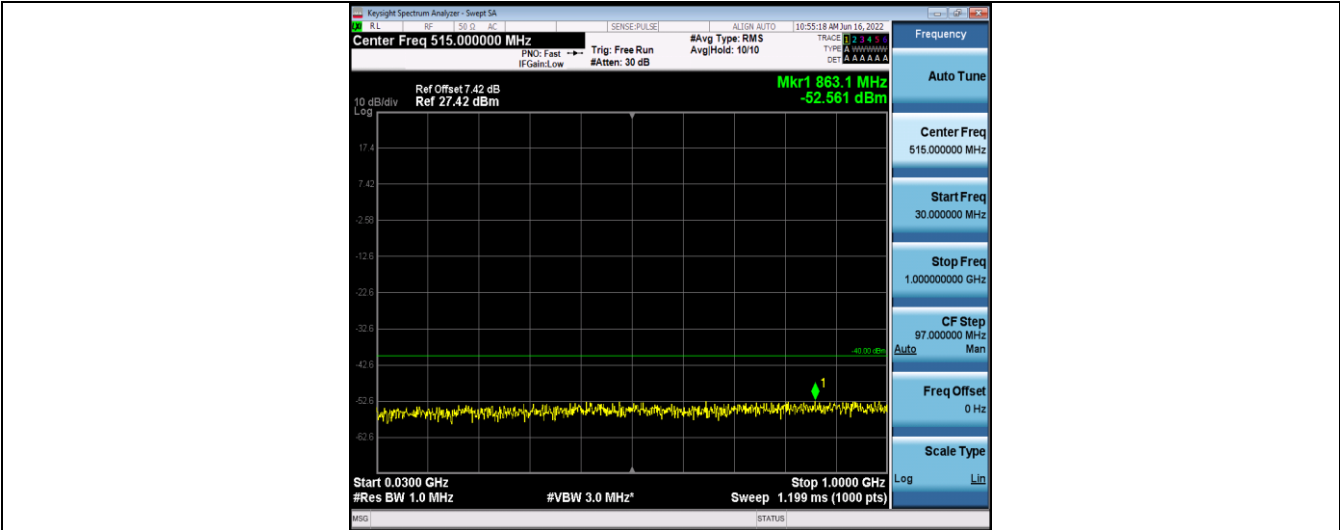
Band30-10MHz-QPSK-27710-50RB#0-Range13:2365~6000MHz



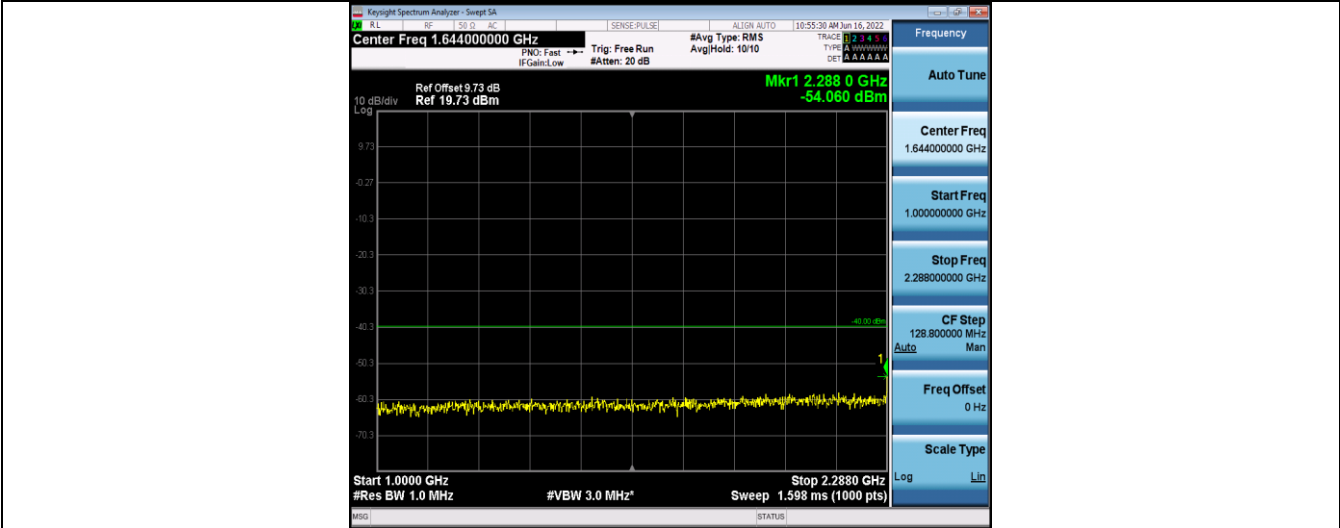
Band30-10MHz-QPSK-27710-50RB#0-Range14:6000~26500MHz



Band30-10MHz-16QAM-27710-50RB#0-Range1:30~1000MHz



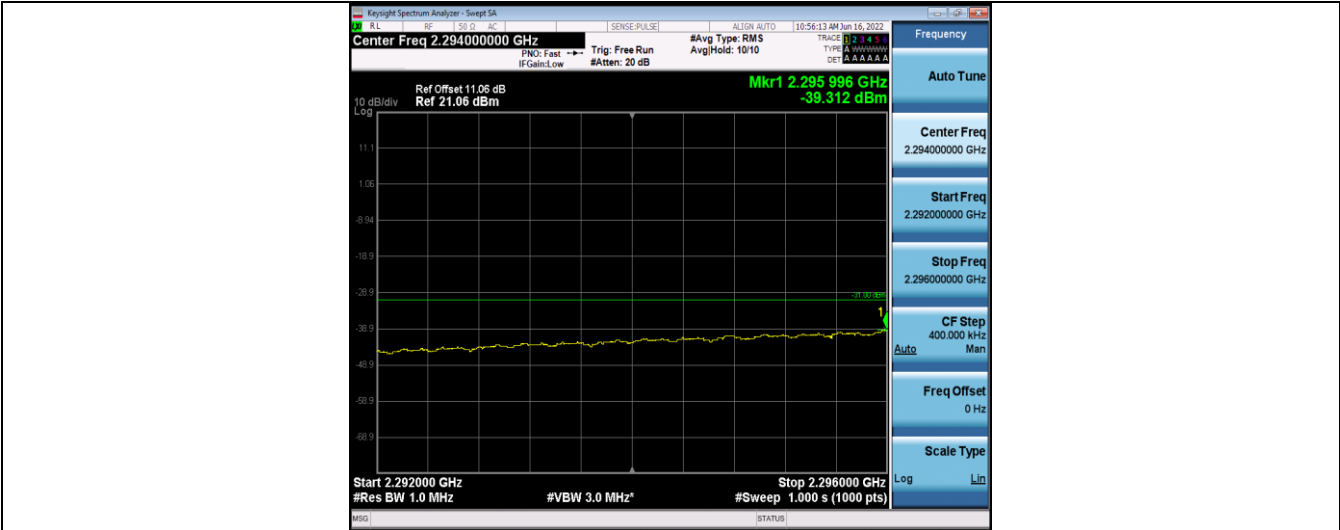
Band30-10MHz-16QAM-27710-50RB#0-Range2:1000~2288MHz



Band30-10MHz-16QAM-27710-50RB#0-Range3:2288~2292MHz



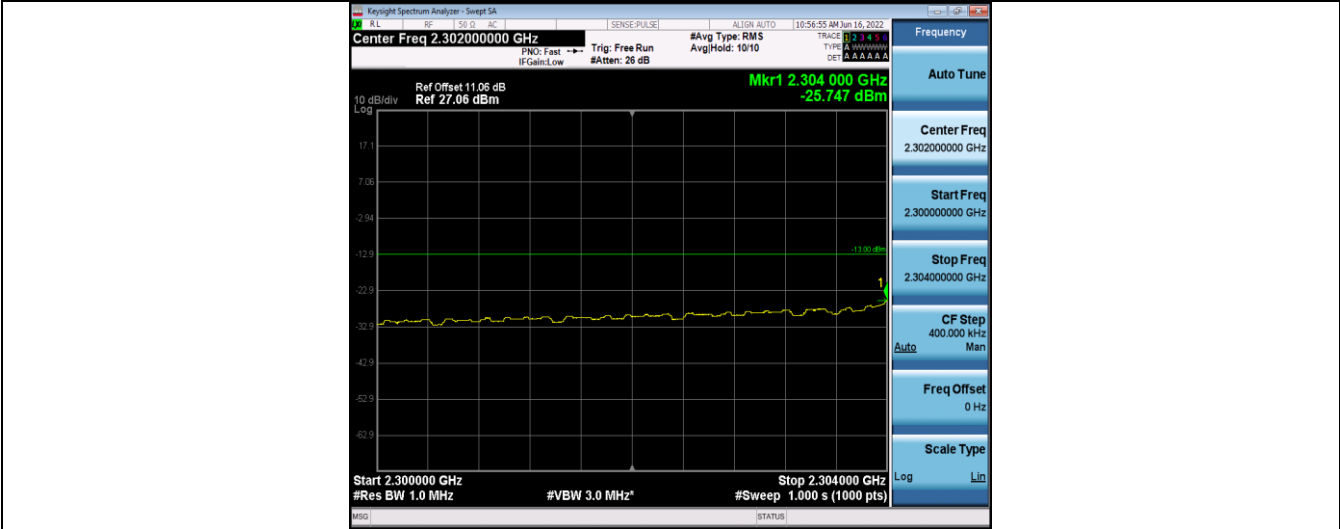
Band30-10MHz-16QAM-27710-50RB#0-Range4:2292~2296MHz



Band30-10MHz-16QAM-27710-50RB#0-Range5:2296~2300MHz



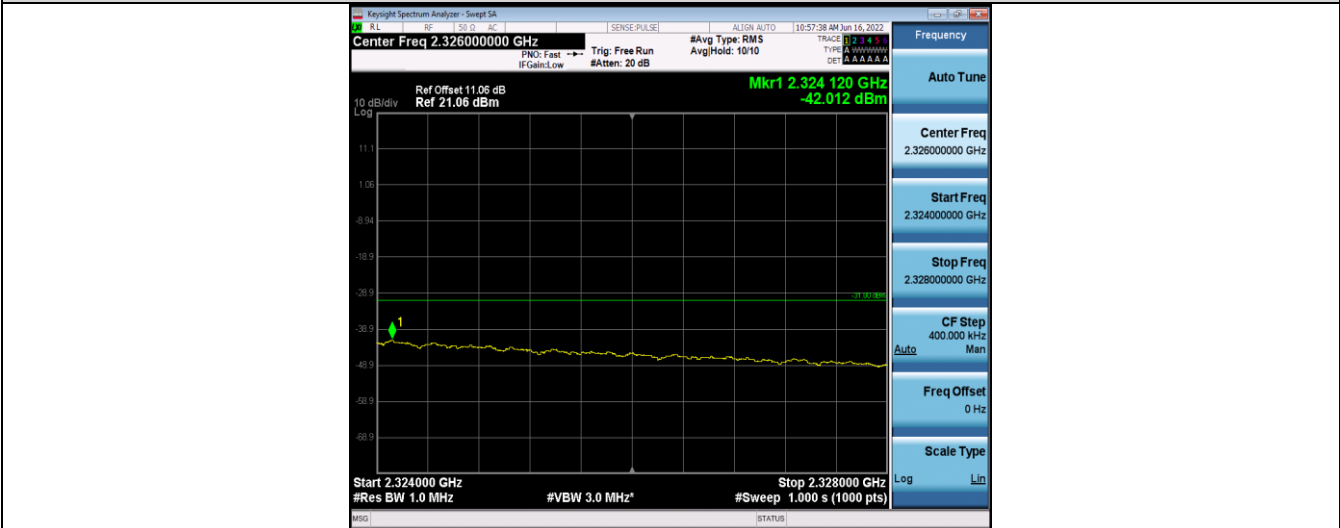
Band30-10MHz-16QAM-27710-50RB#0-Range6:2300~2304MHz



Band30-10MHz-16QAM-27710-50RB#0-Range7:2320~2324MHz



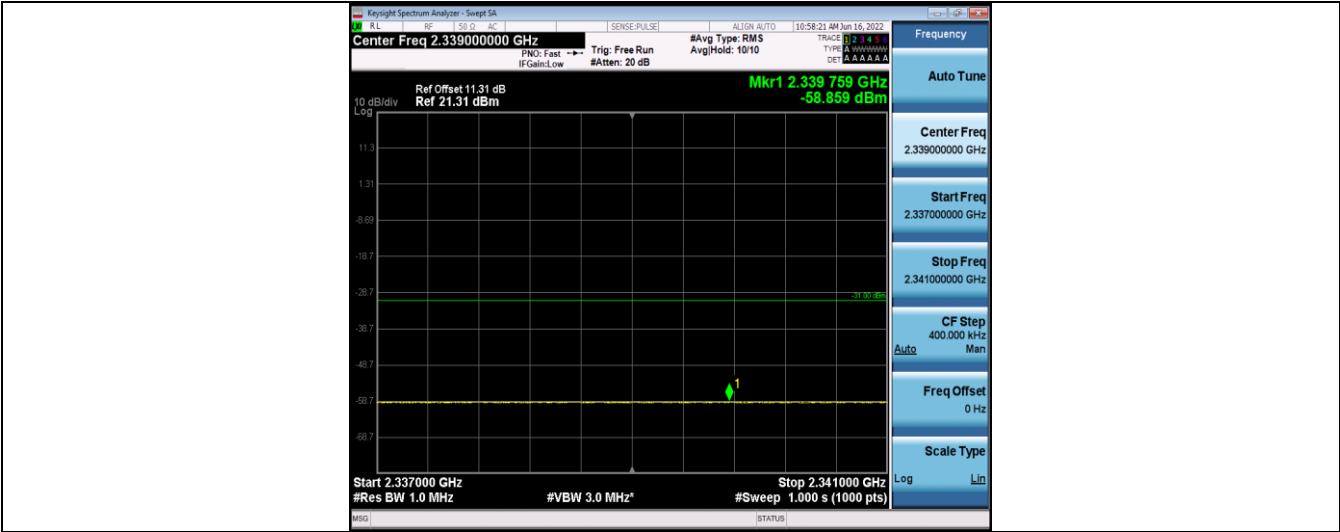
Band30-10MHz-16QAM-27710-50RB#0-Range8:2324~2328MHz



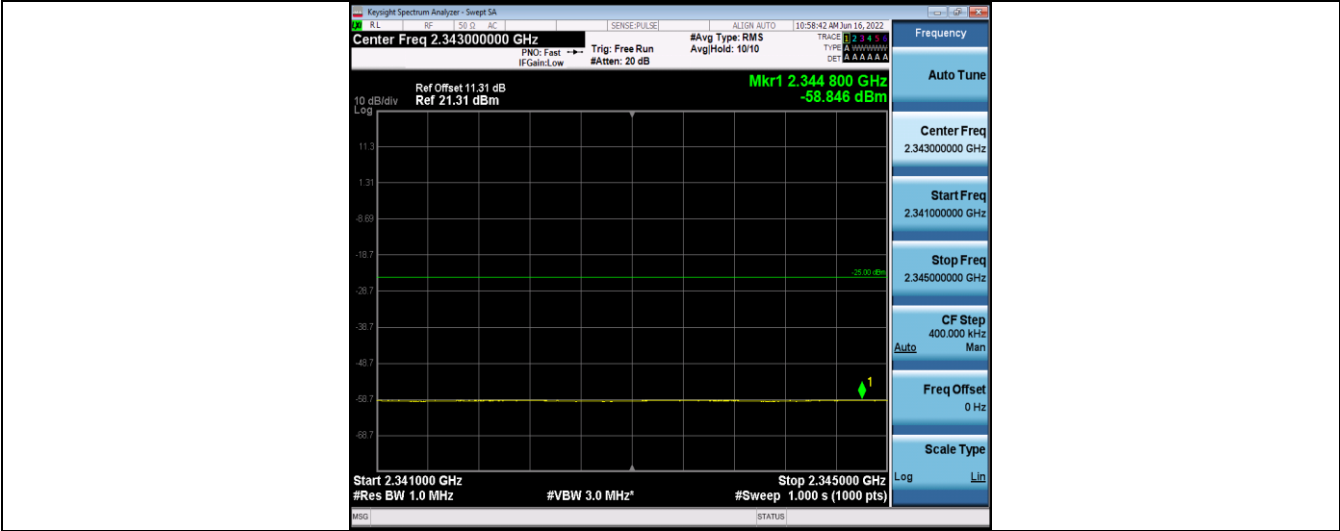
Band30-10MHz-16QAM-27710-50RB#0-Range9:2328~2337MHz



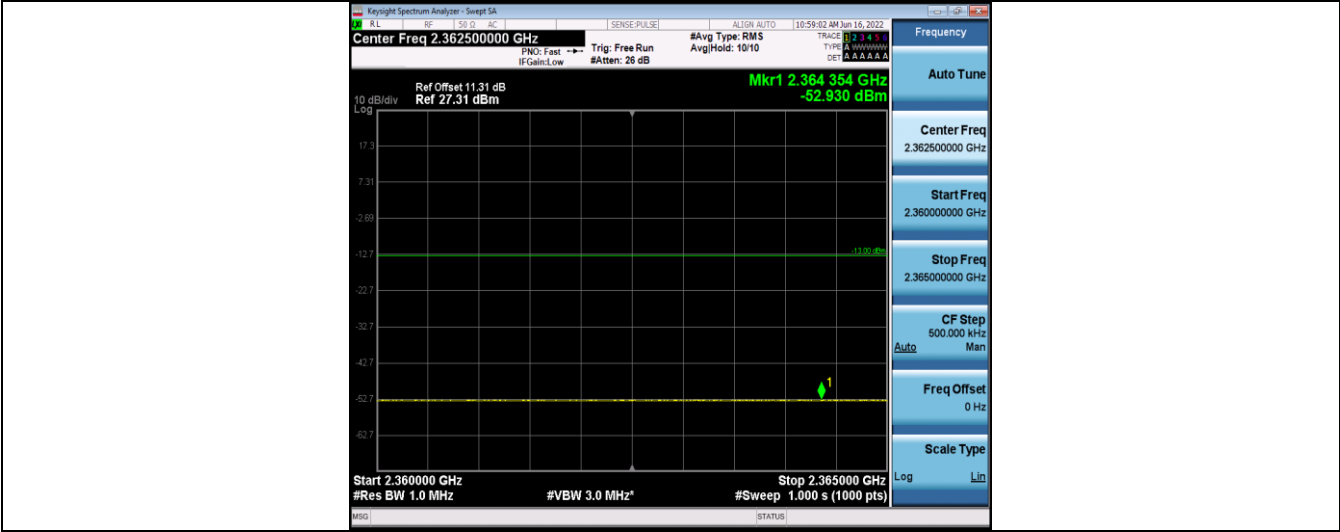
Band30-10MHz-16QAM-27710-50RB#0-Range10:2337~2341MHz



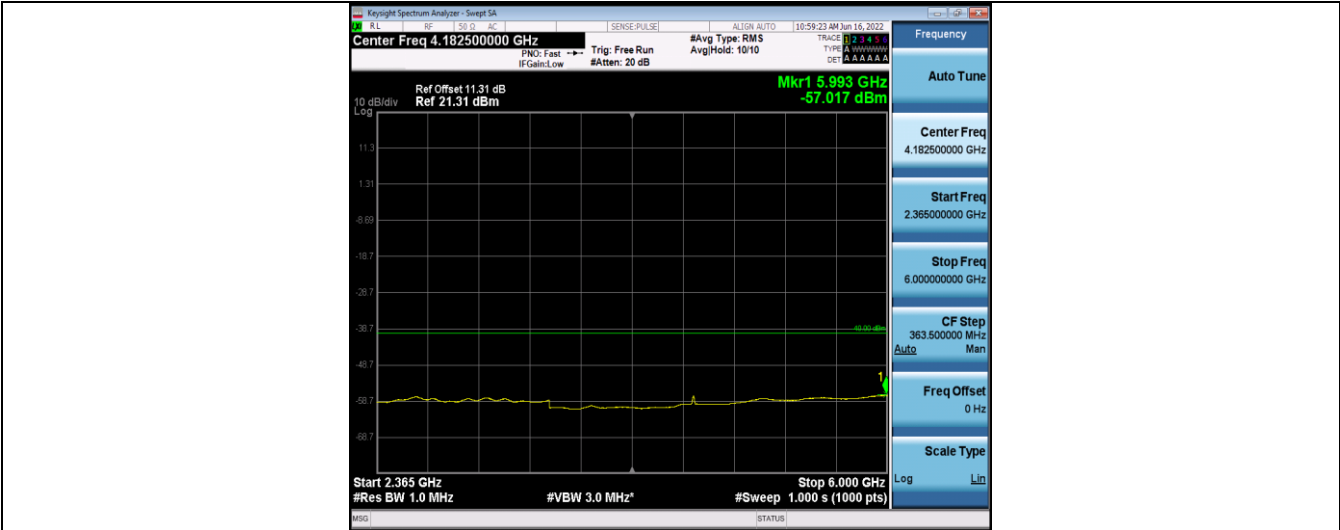
Band30-10MHz-16QAM-27710-50RB#0-Range11:2341~2345MHz



Band30-10MHz-16QAM-27710-50RB#0-Range12:2360~2365MHz



Band30-10MHz-16QAM-27710-50RB#0-Range13:2365~6000MHz



Band30-10MHz-16QAM-27710-50RB#0-Range14:6000~26500MHz



## Appendix F: Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band3 0	5MHz	QPSK	27685	25RB#0	VL	NT	-4.06	-0.001759	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	VN	NT	-15.71	-0.006808	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	VH	NT	8.10	0.003510	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	VL	NT	9.90	0.004286	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	VN	NT	-13.48	-0.005835	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	VH	NT	12.32	0.005333	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	VL	NT	-5.65	-0.002443	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	VN	NT	-7.85	-0.003395	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	VH	NT	-6.88	-0.002975	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	VL	NT	-14.62	-0.006336	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	VN	NT	-16.77	-0.007268	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	VH	NT	-15.95	-0.006912	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	VL	NT	-12.62	-0.005463	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	VN	NT	-11.67	-0.005052	±2.5	PASS
Band3	5MHz	16QAM	27710	25RB#0	VH	NT	-16.21	-0.007017	±2.5	PASS

0										
Band3 0	5MHz	16QAM	27735	25RB#0	VL	NT	27.08	0.011710	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	VN	NT	5.16	0.002231	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	VH	NT	-20.04	-0.008666	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	VL	NT	-8.47	-0.003667	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	VN	NT	-4.99	-0.002160	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	VH	NT	-12.92	-0.005593	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	VL	NT	-18.48	-0.008000	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	VN	NT	-13.36	-0.005784	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	VH	NT	-7.14	-0.003091	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band3 0	5MHz	QPSK	27685	25RB#0	NV	-30	-11.70	-0.005070	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	-20	-11.07	-0.004797	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	-10	-10.83	-0.004693	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	0	9.57	0.004147	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	10	-9.50	-0.004117	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	20	21.23	0.009200	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	30	6.81	0.002951	±2.5	PASS



Band3 0	5MHz	QPSK	27685	25RB#0	NV	40	-13.80	-0.005980	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	50	10.97	0.004754	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	-30	-10.24	-0.004433	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	-20	-15.16	-0.006563	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	-10	-9.60	-0.004156	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	0	-8.35	-0.003615	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	10	-3.62	-0.001567	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	20	14.12	0.006113	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	30	-16.59	-0.007182	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	40	-8.10	-0.003506	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	50	4.66	0.002017	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	-30	7.44	0.003217	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	-20	-22.33	-0.009656	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	-10	11.64	0.005034	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	0	9.37	0.004052	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	10	-4.09	-0.001769	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	20	31.70	0.013708	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	30	34.46	0.014902	±2.5	PASS
Band3	5MHz	QPSK	27735	25RB#0	NV	40	-2.85	-0.001232	±2.5	PASS

0										
Band3 0	5MHz	QPSK	27735	25RB#0	NV	50	-10.86	-0.004696	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	-30	-12.15	-0.005265	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	-20	-10.87	-0.004711	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	-10	32.32	0.014007	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	0	7.62	0.003302	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	10	37.24	0.016139	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	20	-8.25	-0.003575	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	30	11.73	0.005083	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	40	-9.26	-0.004013	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	50	-10.23	-0.004433	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	-30	-21.53	-0.009320	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	-20	5.78	0.002502	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	-10	6.84	0.002961	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	0	5.42	0.002346	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	10	-13.35	-0.005779	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	20	-7.14	-0.003091	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	30	-10.09	-0.004368	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	40	5.72	0.002476	±2.5	PASS

Band3 0	5MHz	16QAM	27710	25RB#0	NV	50	-13.22	-0.005723	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	-30	3.96	0.001712	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	-20	-7.01	-0.003031	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	-10	-2.33	-0.001008	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	0	-13.48	-0.005829	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	10	-14.61	-0.006318	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	20	-20.89	-0.009034	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	30	7.22	0.003122	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	40	-21.97	-0.009501	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	50	-21.13	-0.009137	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	-30	-5.97	-0.002584	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	-20	-12.04	-0.005212	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	-10	-6.04	-0.002615	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	0	-11.73	-0.005078	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	10	-6.28	-0.002719	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	20	-12.73	-0.005511	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	30	-23.09	-0.009996	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	40	6.45	0.002792	±2.5	PASS
Band3	10MHz	QPSK	27710	50RB#0	NV	50	-12.06	-0.005221	±2.5	PASS

0										
Band3 0	10MHz	16QAM	27710	50RB#0	NV	-30	6.04	0.002615	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	-20	-4.38	-0.001896	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	-10	-17.67	-0.007649	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	0	-14.42	-0.006242	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	10	-9.74	-0.004216	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	20	-15.89	-0.006879	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	30	-19.76	-0.008554	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	40	-6.25	-0.002706	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	50	-9.57	-0.004143	±2.5	PASS