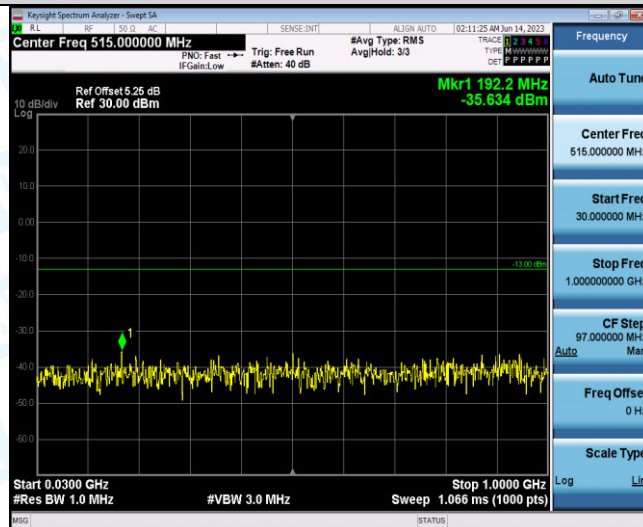


Band66-10MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



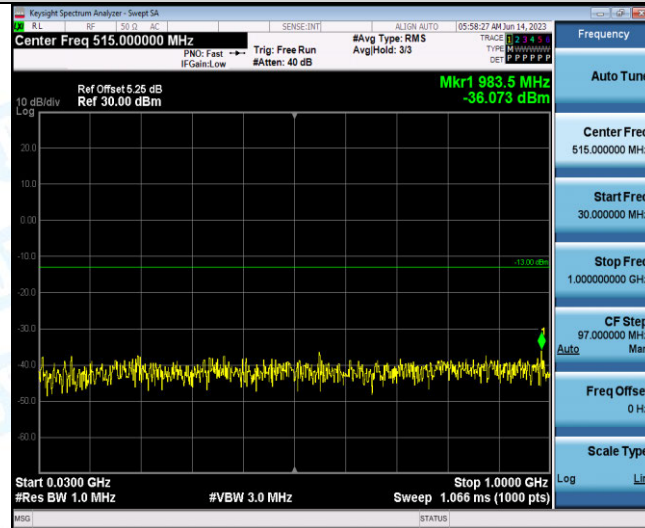
Band66-10MHz-16QAM-132622-1RB#0-Range1:30~1000MHz



Band66-10MHz-16QAM-132622-1RB#0-Range2:1000~20000MHz



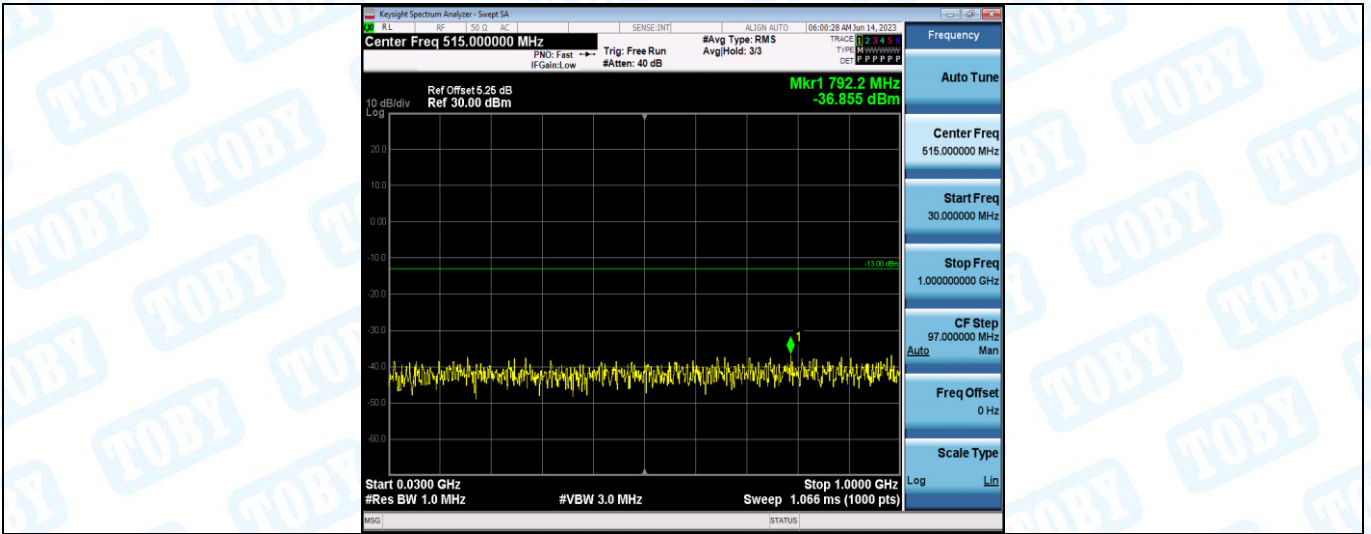
Band66-15MHz-QPSK-132047-1RB#0-Range1:30~1000MHz



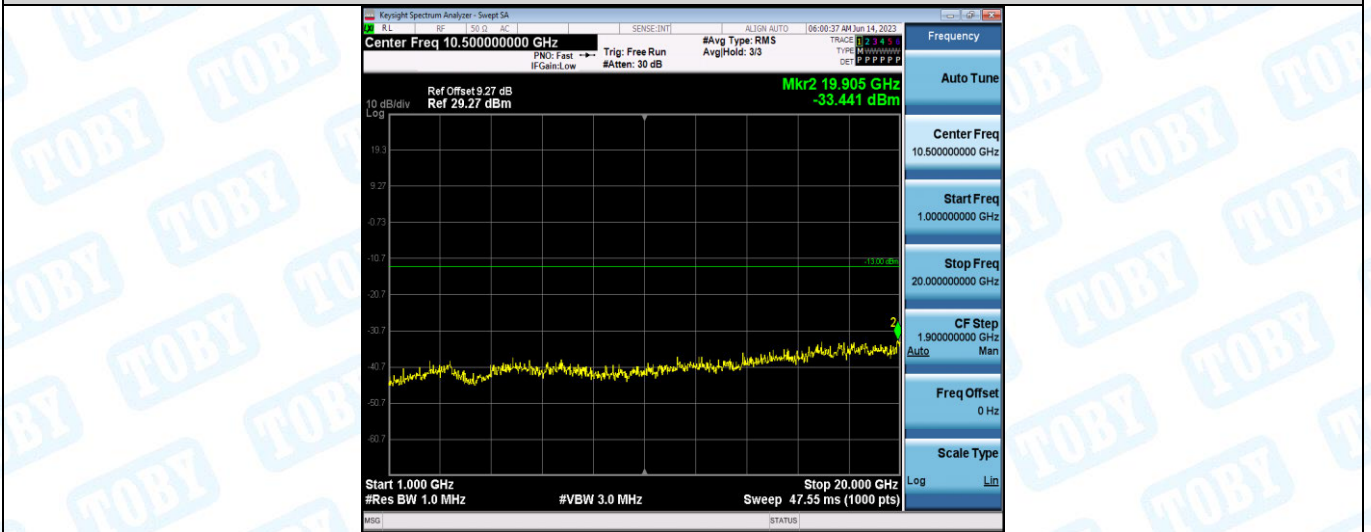
Band66-15MHz-QPSK-132047-1RB#0-Range2:1000~20000MHz



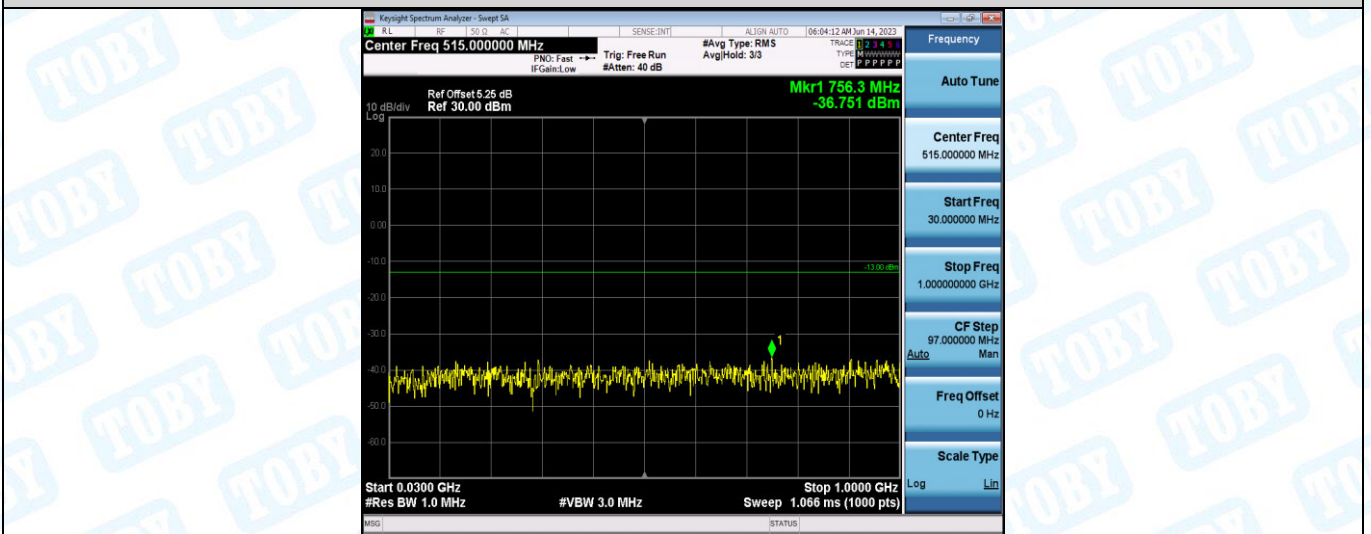
Band66-15MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



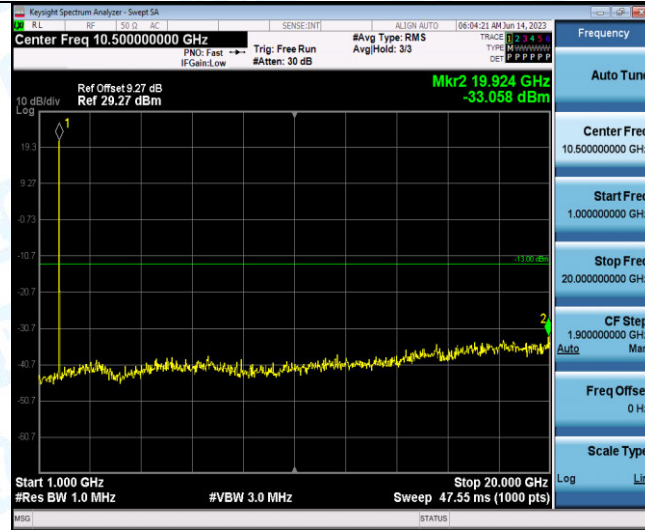
Band66-15MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



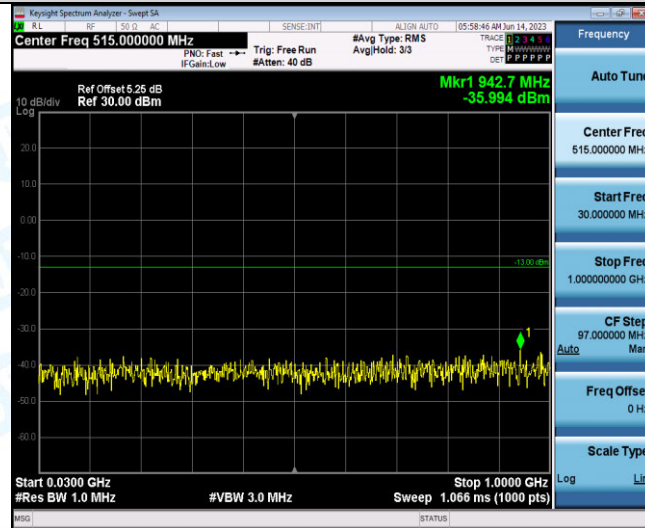
Band66-15MHz-QPSK-132597-1RB#0-Range1:30~1000MHz



Band66-15MHz-QPSK-132597-1RB#0-Range2:1000~20000MHz



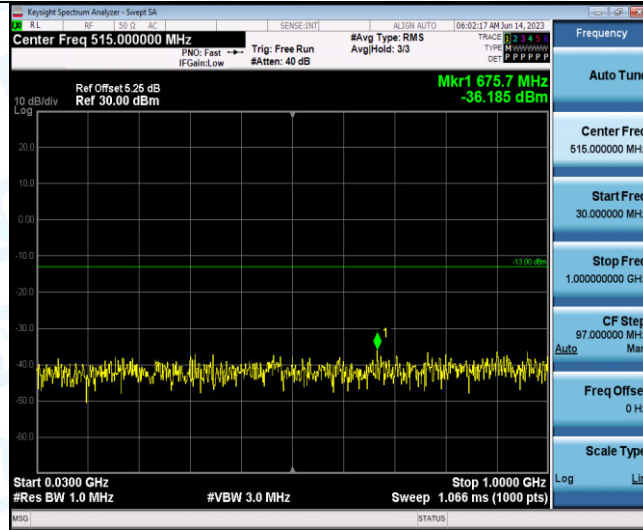
Band66-15MHz-16QAM-132047-1RB#0-Range1:30~1000MHz



Band66-15MHz-16QAM-132047-1RB#0-Range2:1000~20000MHz



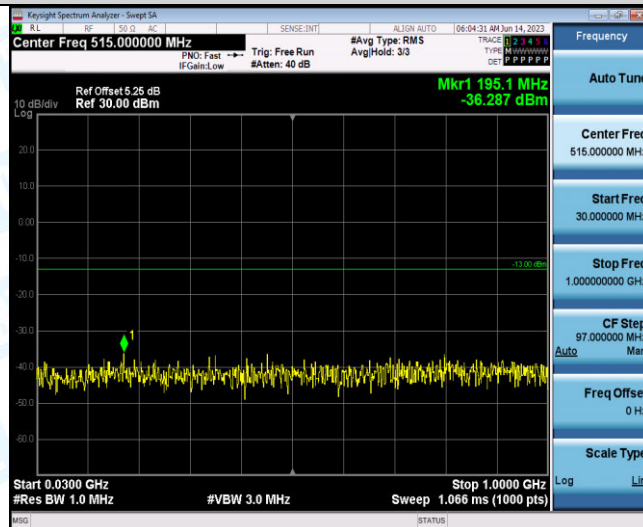
Band66-15MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



Band66-15MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



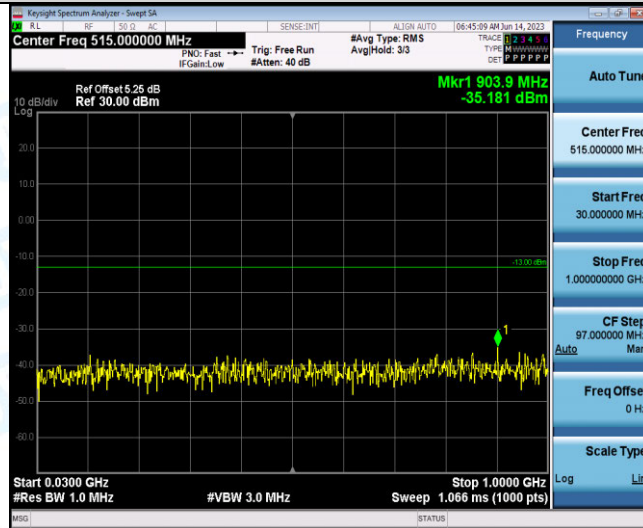
Band66-15MHz-16QAM-132597-1RB#0-Range1:30~1000MHz



Band66-15MHz-16QAM-132597-1RB#0-Range2:1000~20000MHz



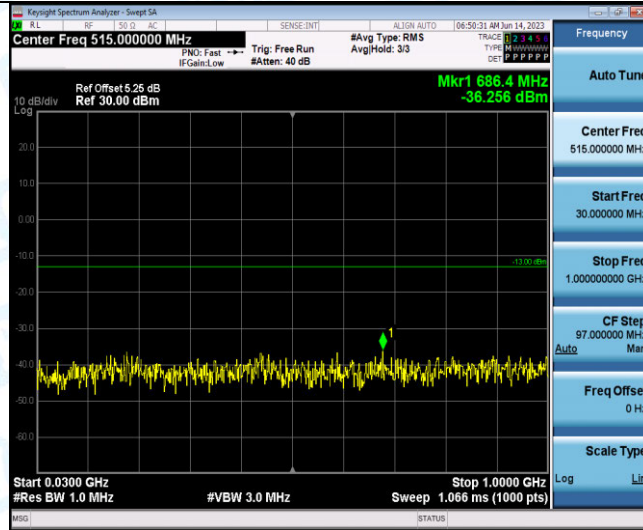
Band66-20MHz-QPSK-132072-1RB#0-Range1:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz



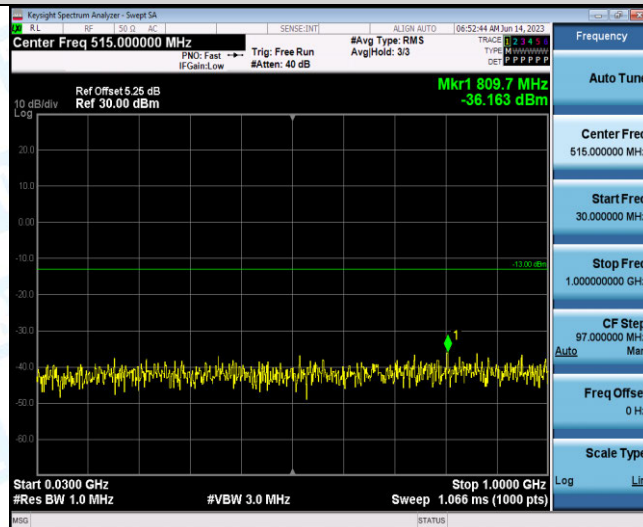
Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



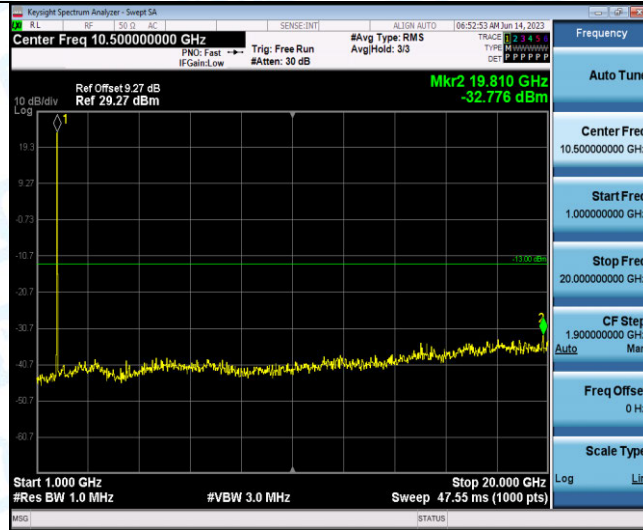
Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



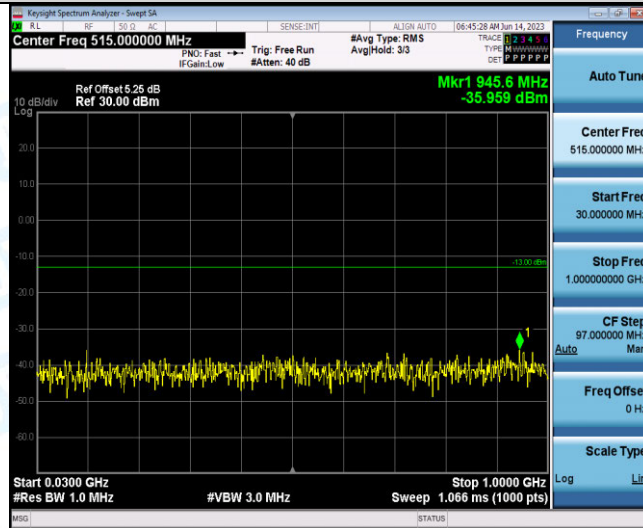
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz



Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz

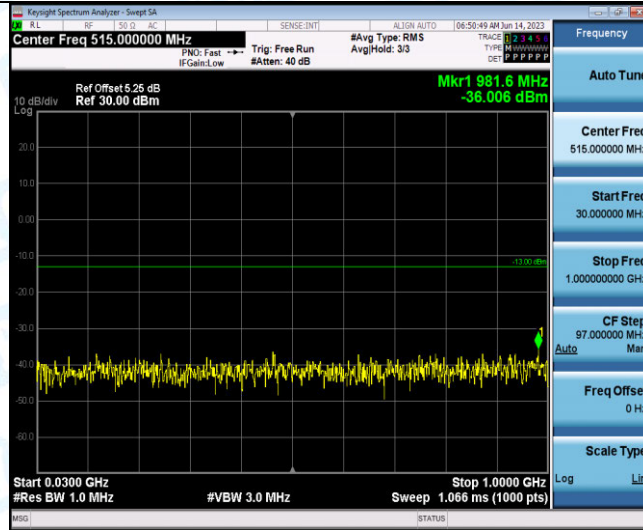


Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~20000MHz



Band66-20MHz-16QAM-132322-1RB#0-Range1:30~1000MHz

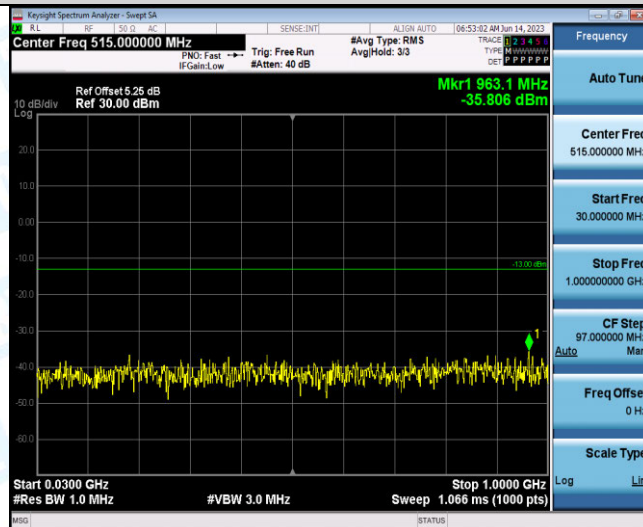




Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz



## Appendix F: Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	VL	NT	-10.00	-0.005731	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	VN	NT	-8.38	-0.004802	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	VH	NT	-11.90	-0.006819	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	VL	NT	-14.35	-0.008223	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	VN	NT	-10.56	-0.006052	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	VH	NT	-9.50	-0.005444	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	VL	NT	-13.10	-0.007507	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	VN	NT	-14.03	-0.008040	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	VH	NT	-13.59	-0.007788	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	VL	NT	-22.79	-0.013060	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	VN	NT	-12.33	-0.007066	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	VH	NT	-11.32	-0.006487	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	VL	NT	-22.56	-0.012928	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	VN	NT	-26.62	-0.015255	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	VH	NT	-28.17	-0.016143	±2.5	PASS
Band6	5MHz	16QAM	13232	25RB#0	VL	NT	-9.86	-0.005650	±2.5	PASS

6			2							
Band6 6	5MHz	16QAM	13232 2	25RB#0	VN	NT	-8.44	-0.004837	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	VH	NT	-13.70	-0.007851	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	VL	NT	-13.62	-0.007805	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	VN	NT	-12.35	-0.007077	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	VH	NT	-10.27	-0.005885	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	VL	NT	-13.20	-0.007564	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	VN	NT	-9.63	-0.005519	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	VH	NT	-10.61	-0.006080	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	VL	NT	-32.30	-0.018510	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	VN	NT	-10.46	-0.005994	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	VH	NT	-18.47	-0.010585	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	VL	NT	-12.29	-0.007043	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	VN	NT	-12.76	-0.007312	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	VH	NT	-12.25	-0.007020	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	VL	NT	-26.66	-0.015278	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	VN	NT	-27.77	-0.015914	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	VH	NT	-16.29	-0.009335	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	27RB#0	VL	NT	-13.12	-0.007519	±2.5	PASS

Band6 6	20MHz	16QAM	13232 2	27RB#0	VN	NT	-13.00	-0.007450	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	27RB#0	VH	NT	-8.84	-0.005066	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	NV	-30	-13.69	-0.007845	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	NV	-20	-11.66	-0.006682	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	NV	0	-11.56	-0.006625	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	NV	10	-15.49	-0.008877	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	NV	20	-11.33	-0.006493	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	NV	-30	-14.22	-0.008149	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	NV	-20	-12.02	-0.006888	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	NV	0	-10.29	-0.005897	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	NV	10	-17.58	-0.010074	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	NV	20	-13.26	-0.007599	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	NV	-30	-16.01	-0.009175	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	NV	-20	-16.95	-0.009713	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	NV	0	-10.54	-0.006040	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	NV	10	8.34	0.004779	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	NV	20	-16.14	-0.009249	±2.5	PASS

6			2							
Band6 6	3MHz	16QAM	13232 2	15RB#0	NV	-30	-15.19	-0.008705	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	NV	-20	-8.65	-0.004957	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	NV	0	-16.37	-0.009381	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	NV	10	-9.88	-0.005662	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	NV	20	-18.77	-0.010756	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	NV	-30	-25.85	-0.014814	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	NV	-20	-12.50	-0.007163	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	NV	0	-18.95	-0.010860	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	NV	10	-23.73	-0.013599	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	NV	20	-23.17	-0.013278	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	NV	-30	-10.14	-0.005811	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	NV	-20	-11.14	-0.006384	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	NV	0	-12.42	-0.007117	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	NV	10	-11.24	-0.006441	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	NV	20	-11.20	-0.006418	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	NV	-30	-12.45	-0.007135	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	NV	-20	-8.41	-0.004819	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	NV	0	-6.17	-0.003536	±2.5	PASS

Band6 6	10MHz	QPSK	13232 2	50RB#0	NV	10	-11.42	-0.006544	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	NV	20	-17.90	-0.010258	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	NV	-30	-11.20	-0.006418	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	NV	-20	-10.33	-0.005920	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	NV	0	-10.84	-0.006212	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	NV	10	-13.43	-0.007696	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	27RB#0	NV	20	-7.82	-0.004481	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	NV	-30	13.95	0.007994	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	NV	-20	-28.18	-0.016149	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	NV	0	8.93	0.005117	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	NV	10	-25.84	-0.014808	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	NV	20	-18.63	-0.010676	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	NV	-30	-12.76	-0.007312	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	NV	-20	-13.49	-0.007731	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	NV	0	-10.00	-0.005731	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	NV	10	-10.89	-0.006241	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	27RB#0	NV	20	-13.22	-0.007576	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	-30	-29.31	-0.016797	±2.5	PASS
Band6 6	20MHz	QPSK	13232	100RB#0	NV	-20	24.83	0.014229	±2.5	PASS

6			2							
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	0	-30.01	-0.017198	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	10	-27.05	-0.015501	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	20	-10.74	-0.006155	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	27RB#0	NV	-30	-11.42	-0.006544	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	27RB#0	NV	-20	-9.83	-0.005633	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	27RB#0	NV	0	-8.18	-0.004688	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	27RB#0	NV	10	-10.80	-0.006189	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	27RB#0	NV	20	-9.21	-0.005278	±2.5	PASS