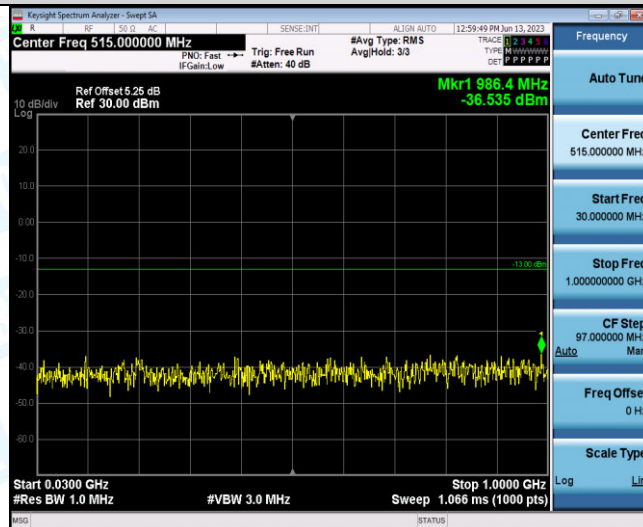


Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



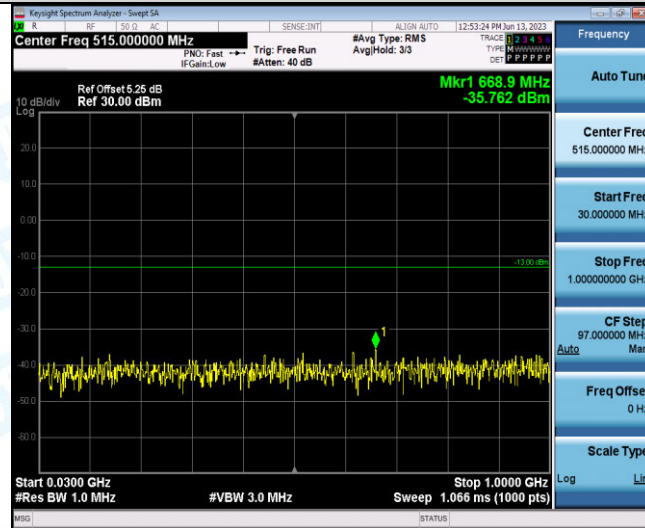
Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~2000MHz



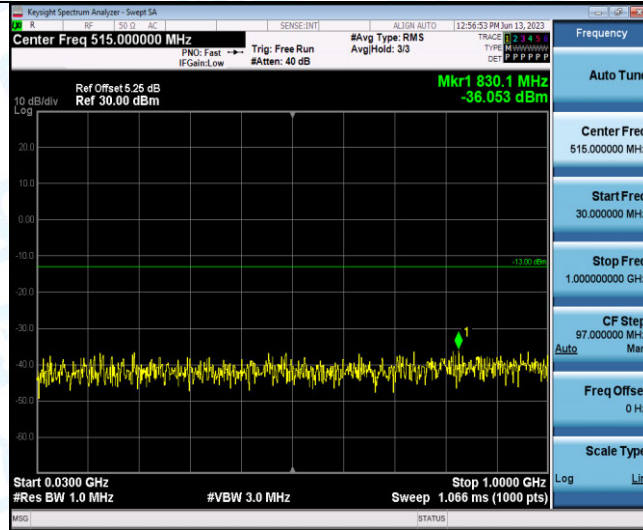
Band4-15MHz-16QAM-2025-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-2025-1RB#0-Range2:1000~20000MHz



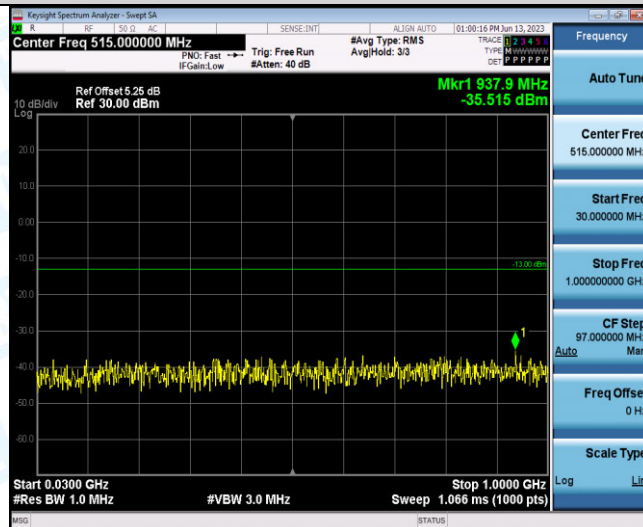
Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range2: 1000~20000MHz



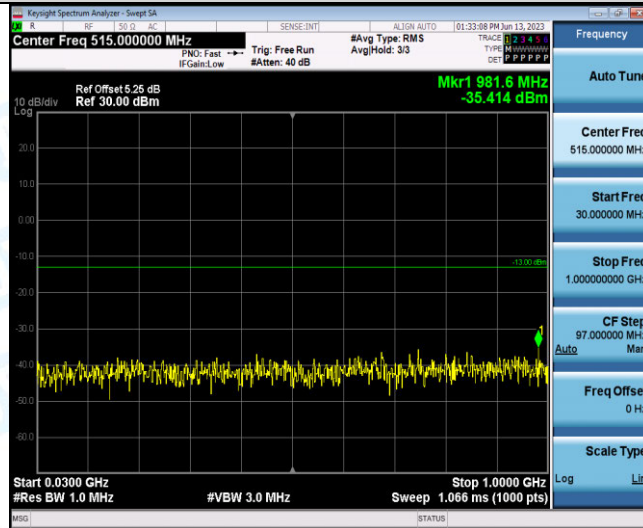
Band4-15MHz-16QAM-20325-1RB#0-Range1: 30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2: 1000~20000MHz



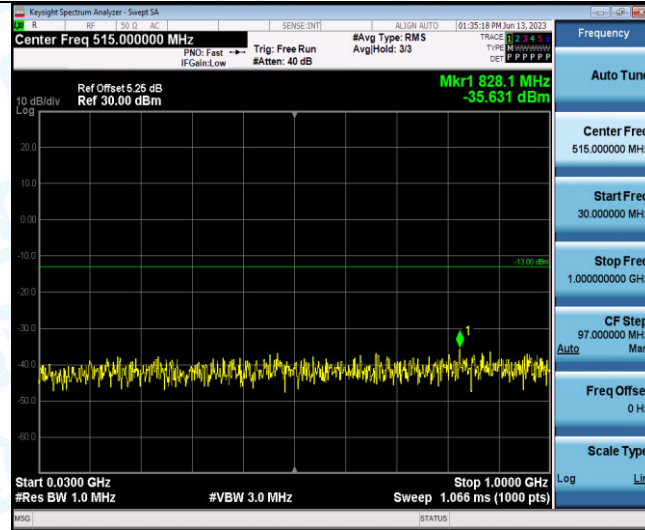
Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



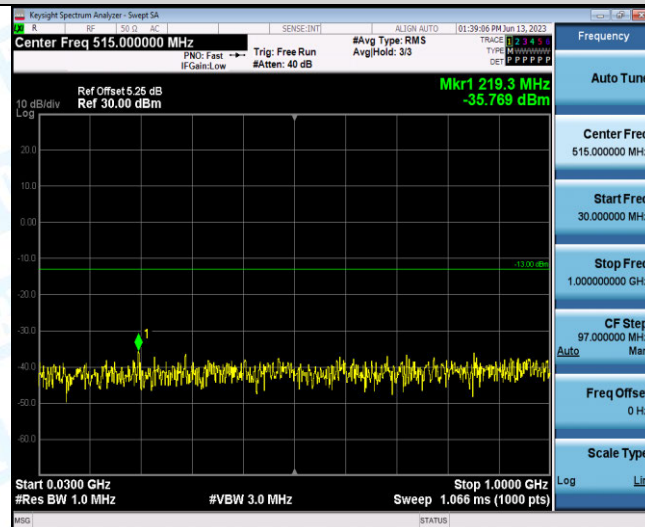
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



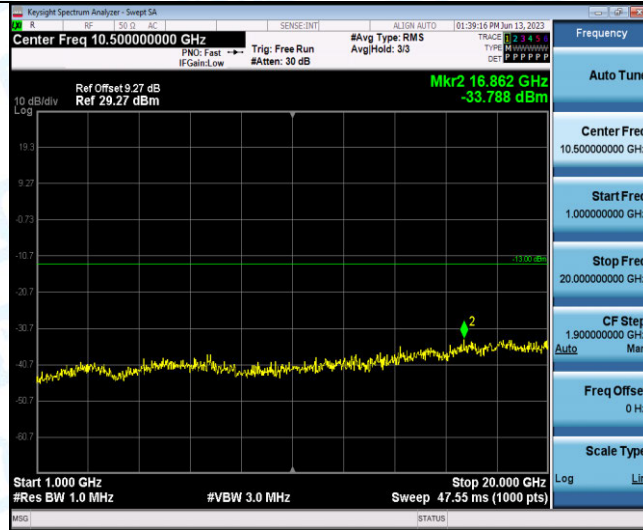
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



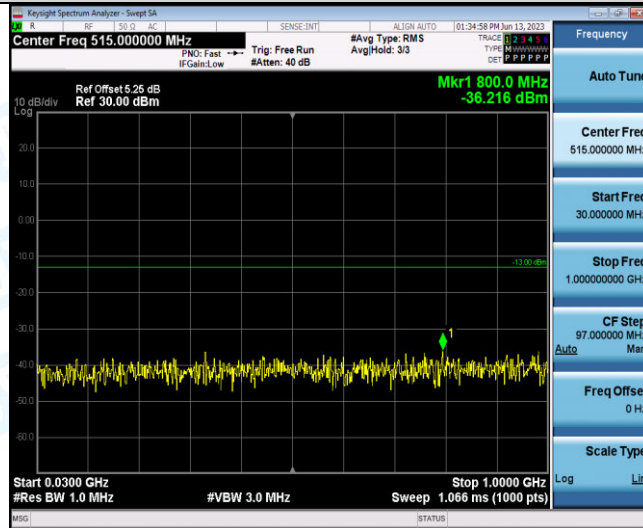
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2000MHz



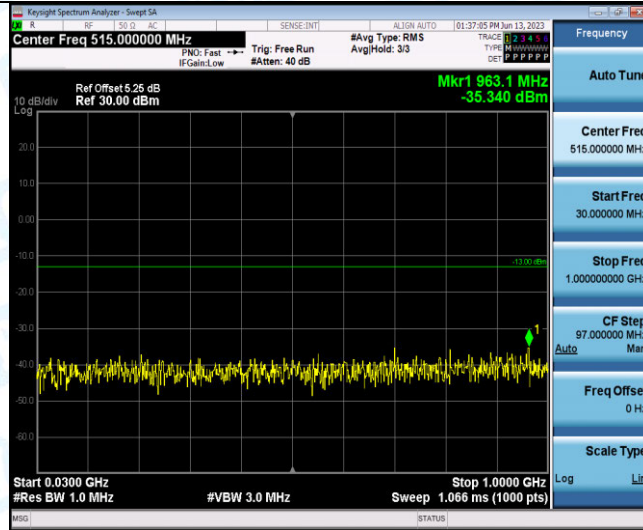
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



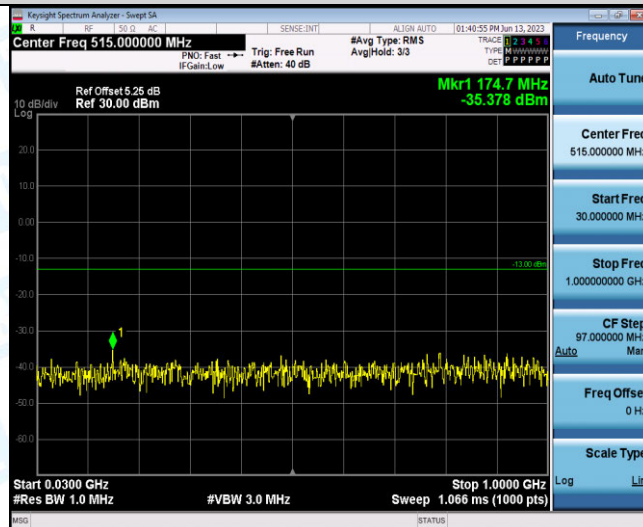
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



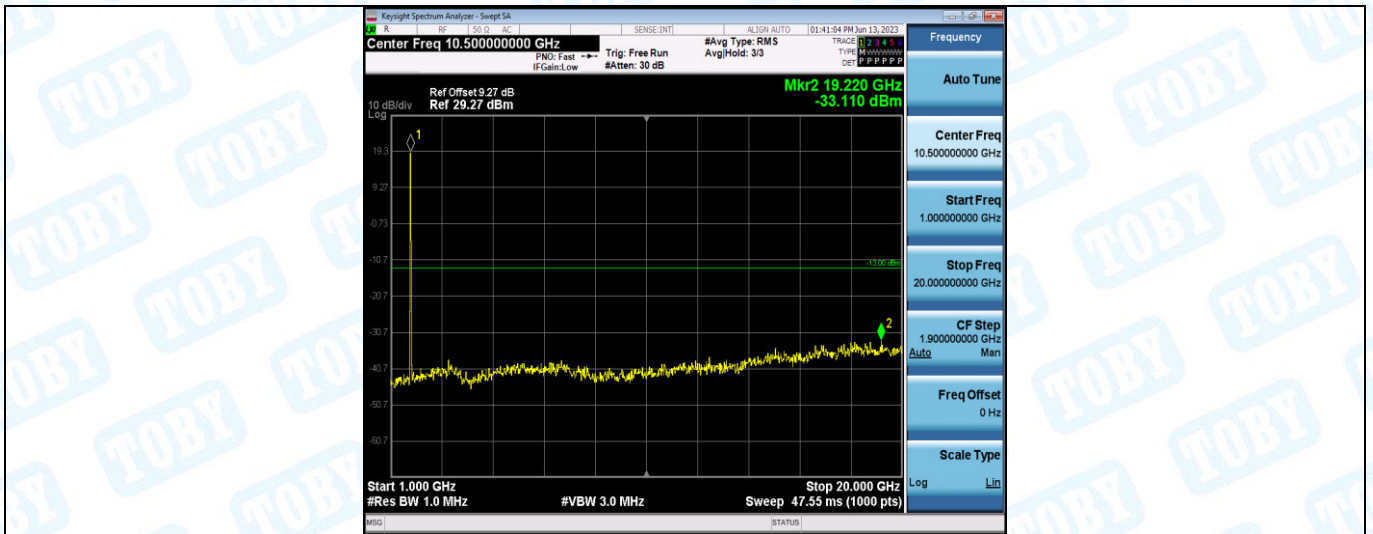
Band4-20MHz-16QAM-20175-1RB#0-Range2: 1000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#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
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-13.18	-0.007608	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-11.23	-0.006482	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-13.32	-0.007688	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-12.47	-0.007198	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-10.84	-0.006257	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-7.57	-0.004369	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-10.60	-0.006118	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	17.68	0.010205	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-13.45	-0.007763	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-10.70	-0.006176	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-8.93	-0.005154	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-13.58	-0.007838	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-11.37	-0.006563	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-6.51	-0.003758	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-14.26	-0.008231	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-12.02	-0.006938	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-9.54	-0.005506	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-9.33	-0.005385	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-28.84	-0.016646	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	-12.52	-0.007227	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	-19.35	-0.011169	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	VL	NT	-10.19	-0.005882	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	VN	NT	-10.64	-0.006141	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	VH	NT	-10.16	-0.005864	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-9.74	-0.005622	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-10.59	-0.006113	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-16.64	-0.009605	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	VL	NT	-10.93	-0.006309	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	VN	NT	-8.63	-0.004981	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	VH	NT	-11.77	-0.006794	±2.5	PASS

Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-9.68	-0.005587	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-9.38	-0.005414	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	10.76	0.006211	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	VL	NT	-9.64	-0.005564	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	VN	NT	-10.83	-0.006251	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	VH	NT	-11.62	-0.006707	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-8.47	-0.004889	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-13.42	-0.007746	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-12.13	-0.007001	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-8.85	-0.005108	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-8.21	-0.004739	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-4.88	-0.002817	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-12.66	-0.007307	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-6.28	-0.003625	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-7.87	-0.004543	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-11.23	-0.006482	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-9.81	-0.005662	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-10.17	-0.005870	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-10.96	-0.006326	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-18.85	-0.010880	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-14.83	-0.008560	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-10.21	-0.005893	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	17.47	0.010084	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-41.44	-0.023919	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-25.91	-0.014955	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-52.70	-0.030418	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-9.18	-0.005299	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-9.96	-0.005749	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-8.94	-0.005160	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-11.97	-0.006909	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-38.24	-0.022072	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-13.90	-0.008023	±2.5	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-10.37	-0.005986	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-11.33	-0.006540	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-14.06	-0.008115	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-9.56	-0.005518	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-21.83	-0.012600	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-23.96	-0.013830	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	16.31	0.009414	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-18.64	-0.010759	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	19.74	0.011394	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	-30	-13.55	-0.007821	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	-20	-11.80	-0.006811	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	0	-13.09	-0.007556	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	10	-6.14	-0.003544	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	20	-6.05	-0.003492	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-20.04	-0.011567	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-7.05	-0.004069	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-16.09	-0.009287	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-6.51	-0.003758	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-23.32	-0.013460	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	-30	-9.20	-0.005310	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	-20	-10.73	-0.006193	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	0	-34.33	-0.019815	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	10	-5.14	-0.002967	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	20	-8.45	-0.004877	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	14.10	0.008139	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-18.25	-0.010534	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	24.38	0.014072	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-17.58	-0.010147	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	20.46	0.011810	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	NV	-30	-10.10	-0.005830	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	NV	-20	-11.07	-0.006390	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	NV	0	-12.49	-0.007209	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	NV	10	-10.34	-0.005968	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	NV	20	-5.84	-0.003371	±2.5	PASS