

Band41	15MHz	16QAM	40590	75RB#0	VN	NT	0.000579	±2.5	PASS
Band41	15MHz	16QAM	40590	75RB#0	VH	NT	-0.003900	±2.5	PASS
Band41	15MHz	64QAM	40590	75RB#0	VL	NT	-0.003359	±2.5	PASS
Band41	15MHz	64QAM	40590	75RB#0	VN	NT	-0.006988	±2.5	PASS
Band41	15MHz	64QAM	40590	75RB#0	VH	NT	-0.000695	±2.5	PASS
Band41	20MHz	QPSK	40590	100RB#0	VL	NT	-0.003514	±2.5	PASS
Band41	20MHz	QPSK	40590	100RB#0	VN	NT	-0.002510	±2.5	PASS
Band41	20MHz	QPSK	40590	100RB#0	VH	NT	-0.000734	±2.5	PASS
Band41	20MHz	16QAM	40590	100RB#0	VL	NT	-0.002008	±2.5	PASS
Band41	20MHz	16QAM	40590	100RB#0	VN	NT	-0.002703	±2.5	PASS
Band41	20MHz	16QAM	40590	100RB#0	VH	NT	-0.002973	±2.5	PASS
Band41	20MHz	64QAM	40590	100RB#0	VL	NT	-0.001815	±2.5	PASS
Band41	20MHz	64QAM	40590	100RB#0	VN	NT	-0.001931	±2.5	PASS
Band41	20MHz	64QAM	40590	100RB#0	VH	NT	-0.004595	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	VL	NT	0.002178	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	VN	NT	-0.005559	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	VH	NT	0.000573	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	VL	NT	0.000000	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	VN	NT	-0.002006	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	VH	NT	-0.004069	±2.5	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	VL	NT	-0.000745	±2.5	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	VN	NT	-0.009054	±2.5	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	VH	NT	0.001318	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	VL	NT	0.000229	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	VN	NT	0.003209	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	VH	NT	-0.003381	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	VL	NT	-0.004183	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	VN	NT	-0.003782	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	VH	NT	-0.003381	±2.5	PASS
Band66	3MHz	64QAM	132322	15RB#0	VL	NT	-0.001605	±2.5	PASS
Band66	3MHz	64QAM	132322	15RB#0	VN	NT	-0.006762	±2.5	PASS
Band66	3MHz	64QAM	132322	15RB#0	VH	NT	0.000401	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	VL	NT	-0.001719	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	VN	NT	-0.007736	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	VH	NT	0.000917	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	VL	NT	-0.005387	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	VN	NT	-0.004413	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	VH	NT	-0.002980	±2.5	PASS
Band66	5MHz	64QAM	132322	25RB#0	VL	NT	0.001032	±2.5	PASS
Band66	5MHz	64QAM	132322	25RB#0	VN	NT	-0.006017	±2.5	PASS
Band66	5MHz	64QAM	132322	25RB#0	VH	NT	-0.003438	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	VL	NT	-0.001433	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	VN	NT	-0.007966	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	VH	NT	0.002292	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	VL	NT	-0.005330	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	VN	NT	-0.000344	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	VH	NT	-0.001146	±2.5	PASS
Band66	10MHz	64QAM	132322	50RB#0	VL	NT	-0.004756	±2.5	PASS
Band66	10MHz	64QAM	132322	50RB#0	VN	NT	-0.005501	±2.5	PASS
Band66	10MHz	64QAM	132322	50RB#0	VH	NT	-0.003496	±2.5	PASS

Band66	15MHz	QPSK	132322	75RB#0	VL	NT	0.001261	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	VN	NT	-0.006819	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	VH	NT	-0.006590	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	VL	NT	-0.001146	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	VN	NT	-0.005559	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	VH	NT	-0.004986	±2.5	PASS
Band66	15MHz	64QAM	132322	75RB#0	VL	NT	-0.003381	±2.5	PASS
Band66	15MHz	64QAM	132322	75RB#0	VN	NT	-0.003610	±2.5	PASS
Band66	15MHz	64QAM	132322	75RB#0	VH	NT	-0.004585	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	0.000516	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.006017	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-0.006705	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-0.006418	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-0.000401	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-0.006017	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	-0.002235	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	-0.002292	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	-0.005845	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	VL	NT	-0.009251	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	VN	NT	-0.009617	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	VH	NT	-0.004382	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	VL	NT	-0.003165	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	VN	NT	-0.010956	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	VH	NT	-0.009617	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	VL	NT	-0.002678	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	VN	NT	-0.005234	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	VH	NT	-0.011564	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	-0.003825	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	-0.012672	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-0.008488	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VL	NT	-0.014345	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VN	NT	-0.003467	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VH	NT	-0.011118	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	VL	NT	-0.006575	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	VN	NT	-0.004662	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	VH	NT	-0.004782	±2.5	PASS

**Frequency Error vs. Temperature:**

**GSM:**

Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	0.008505	±2.5	PASS
GSM850	128	NV	-20	0.010337	±2.5	PASS
GSM850	128	NV	-10	0.010143	±2.5	PASS
GSM850	128	NV	0	0.008809	±2.5	PASS
GSM850	128	NV	10	0.011441	±2.5	PASS
GSM850	128	NV	20	0.007911	±2.5	PASS
GSM850	128	NV	30	0.011126	±2.5	PASS
GSM850	128	NV	40	0.010847	±2.5	PASS
GSM850	128	NV	50	0.006819	±2.5	PASS
GSM850	190	NV	-30	0.010304	±2.5	PASS
GSM850	190	NV	-20	0.011810	±2.5	PASS
GSM850	190	NV	-10	0.011690	±2.5	PASS
GSM850	190	NV	0	0.012933	±2.5	PASS
GSM850	190	NV	10	0.012192	±2.5	PASS
GSM850	190	NV	20	0.012933	±2.5	PASS
GSM850	190	NV	30	0.011379	±2.5	PASS
GSM850	190	NV	40	0.009491	±2.5	PASS
GSM850	190	NV	50	0.009527	±2.5	PASS
GSM850	251	NV	-30	0.015328	±2.5	PASS
GSM850	251	NV	-20	0.012700	±2.5	PASS
GSM850	251	NV	-10	0.012441	±2.5	PASS
GSM850	251	NV	0	0.012052	±2.5	PASS
GSM850	251	NV	10	0.016164	±2.5	PASS
GSM850	251	NV	20	0.013160	±2.5	PASS
GSM850	251	NV	30	0.015822	±2.5	PASS
GSM850	251	NV	40	0.013124	±2.5	PASS
GSM850	251	NV	50	0.012630	±2.5	PASS
GPRS850	128	NV	-30	0.006273	±2.5	PASS
GPRS850	128	NV	-20	0.005521	±2.5	PASS
GPRS850	128	NV	-10	0.009051	±2.5	PASS
GPRS850	128	NV	0	0.003834	±2.5	PASS
GPRS850	128	NV	10	0.005254	±2.5	PASS
GPRS850	128	NV	20	0.006540	±2.5	PASS
GPRS850	128	NV	30	0.004429	±2.5	PASS
GPRS850	128	NV	40	0.006976	±2.5	PASS
GPRS850	128	NV	50	0.005521	±2.5	PASS
GPRS850	190	NV	-30	0.006981	±2.5	PASS
GPRS850	190	NV	-20	0.003980	±2.5	PASS
GPRS850	190	NV	-10	0.005128	±2.5	PASS
GPRS850	190	NV	0	0.005594	±2.5	PASS
GPRS850	190	NV	10	0.004052	±2.5	PASS
GPRS850	190	NV	20	0.003168	±2.5	PASS
GPRS850	190	NV	30	0.005594	±2.5	PASS
GPRS850	190	NV	40	0.003431	±2.5	PASS
GPRS850	190	NV	50	0.004710	±2.5	PASS

GPRS850	251	NV	-30	0.005514	±2.5	PASS
GPRS850	251	NV	-20	0.006091	±2.5	PASS
GPRS850	251	NV	-10	0.006433	±2.5	PASS
GPRS850	251	NV	0	0.004713	±2.5	PASS
GPRS850	251	NV	10	0.003688	±2.5	PASS
GPRS850	251	NV	20	0.007646	±2.5	PASS
GPRS850	251	NV	30	0.001638	±2.5	PASS
GPRS850	251	NV	40	0.004559	±2.5	PASS
GPRS850	251	NV	50	0.009390	±2.5	PASS
EGPRS850	128	NV	-30	0.001881	±2.5	PASS
EGPRS850	128	NV	-20	0.003798	±2.5	PASS
EGPRS850	128	NV	-10	0.002584	±2.5	PASS
EGPRS850	128	NV	0	0.001650	±2.5	PASS
EGPRS850	128	NV	10	0.002512	±2.5	PASS
EGPRS850	128	NV	20	0.002512	±2.5	PASS
EGPRS850	128	NV	30	0.001529	±2.5	PASS
EGPRS850	128	NV	40	0.001250	±2.5	PASS
EGPRS850	128	NV	50	0.000036	±2.5	PASS
EGPRS850	190	NV	-30	-0.004016	±2.5	PASS
EGPRS850	190	NV	-20	-0.002701	±2.5	PASS
EGPRS850	190	NV	-10	-0.000777	±2.5	PASS
EGPRS850	190	NV	0	-0.002008	±2.5	PASS
EGPRS850	190	NV	10	0.003048	±2.5	PASS
EGPRS850	190	NV	20	-0.004829	±2.5	PASS
EGPRS850	190	NV	30	-0.000383	±2.5	PASS
EGPRS850	190	NV	40	0.001315	±2.5	PASS
EGPRS850	190	NV	50	-0.000885	±2.5	PASS
EGPRS850	251	NV	-30	0.003570	±2.5	PASS
EGPRS850	251	NV	-20	0.004830	±2.5	PASS
EGPRS850	251	NV	-10	0.000566	±2.5	PASS
EGPRS850	251	NV	0	-0.000224	±2.5	PASS
EGPRS850	251	NV	10	0.001449	±2.5	PASS
EGPRS850	251	NV	20	0.001025	±2.5	PASS
EGPRS850	251	NV	30	0.002132	±2.5	PASS
EGPRS850	251	NV	40	-0.000224	±2.5	PASS
EGPRS850	251	NV	50	0.004065	±2.5	PASS
GSM1900	512	NV	-30	0.011885	±2.5	PASS
GSM1900	512	NV	-20	0.011377	±2.5	PASS
GSM1900	512	NV	-10	0.013788	±2.5	PASS
GSM1900	512	NV	0	0.012772	±2.5	PASS
GSM1900	512	NV	10	0.011026	±2.5	PASS
GSM1900	512	NV	20	0.013523	±2.5	PASS
GSM1900	512	NV	30	0.013766	±2.5	PASS
GSM1900	512	NV	40	0.011588	±2.5	PASS
GSM1900	512	NV	50	0.012182	±2.5	PASS
GSM1900	661	NV	-30	0.011729	±2.5	PASS
GSM1900	661	NV	-20	0.012761	±2.5	PASS
GSM1900	661	NV	-10	0.012793	±2.5	PASS
GSM1900	661	NV	0	0.011676	±2.5	PASS
GSM1900	661	NV	10	0.012431	±2.5	PASS

GSM1900	661	NV	20	0.012367	±2.5	PASS
GSM1900	661	NV	30	0.012899	±2.5	PASS
GSM1900	661	NV	40	0.010973	±2.5	PASS
GSM1900	661	NV	50	0.013431	±2.5	PASS
GSM1900	810	NV	-30	0.009975	±2.5	PASS
GSM1900	810	NV	-20	0.010043	±2.5	PASS
GSM1900	810	NV	-10	0.009179	±2.5	PASS
GSM1900	810	NV	0	0.011022	±2.5	PASS
GSM1900	810	NV	10	0.010970	±2.5	PASS
GSM1900	810	NV	20	0.010247	±2.5	PASS
GSM1900	810	NV	30	0.010006	±2.5	PASS
GSM1900	810	NV	40	0.009467	±2.5	PASS
GSM1900	810	NV	50	0.013069	±2.5	PASS
GPRS1900	512	NV	-30	0.007783	±2.5	PASS
GPRS1900	512	NV	-20	0.008291	±2.5	PASS
GPRS1900	512	NV	-10	0.006751	±2.5	PASS
GPRS1900	512	NV	0	0.009875	±2.5	PASS
GPRS1900	512	NV	10	0.007156	±2.5	PASS
GPRS1900	512	NV	20	0.008253	±2.5	PASS
GPRS1900	512	NV	30	0.008934	±2.5	PASS
GPRS1900	512	NV	40	0.009129	±2.5	PASS
GPRS1900	512	NV	50	0.011274	±2.5	PASS
GPRS1900	661	NV	-30	0.008484	±2.5	PASS
GPRS1900	661	NV	-20	0.009633	±2.5	PASS
GPRS1900	661	NV	-10	0.009223	±2.5	PASS
GPRS1900	661	NV	0	0.009824	±2.5	PASS
GPRS1900	661	NV	10	0.007452	±2.5	PASS
GPRS1900	661	NV	20	0.008707	±2.5	PASS
GPRS1900	661	NV	30	0.009271	±2.5	PASS
GPRS1900	661	NV	40	0.008585	±2.5	PASS
GPRS1900	661	NV	50	0.008537	±2.5	PASS
GPRS1900	810	NV	-30	0.006037	±2.5	PASS
GPRS1900	810	NV	-20	0.007708	±2.5	PASS
GPRS1900	810	NV	-10	0.007812	±2.5	PASS
GPRS1900	810	NV	0	0.010430	±2.5	PASS
GPRS1900	810	NV	10	0.006037	±2.5	PASS
GPRS1900	810	NV	20	0.007336	±2.5	PASS
GPRS1900	810	NV	30	0.006896	±2.5	PASS
GPRS1900	810	NV	40	0.008739	±2.5	PASS
GPRS1900	810	NV	50	0.006137	±2.5	PASS
EGPRS1900	512	NV	-30	0.006843	±2.5	PASS
EGPRS1900	512	NV	-20	0.008026	±2.5	PASS
EGPRS1900	512	NV	-10	0.006140	±2.5	PASS
EGPRS1900	512	NV	0	0.007556	±2.5	PASS
EGPRS1900	512	NV	10	0.010156	±2.5	PASS
EGPRS1900	512	NV	20	0.008340	±2.5	PASS
EGPRS1900	512	NV	30	0.008167	±2.5	PASS
EGPRS1900	512	NV	40	0.009945	±2.5	PASS
EGPRS1900	512	NV	50	0.008496	±2.5	PASS
EGPRS1900	661	NV	-30	0.007606	±2.5	PASS

EGPRS1900	661	NV	-20	0.008090	±2.5	PASS
EGPRS1900	661	NV	-10	0.007676	±2.5	PASS
EGPRS1900	661	NV	0	0.006782	±2.5	PASS
EGPRS1900	661	NV	10	0.008314	±2.5	PASS
EGPRS1900	661	NV	20	0.007128	±2.5	PASS
EGPRS1900	661	NV	30	0.006234	±2.5	PASS
EGPRS1900	661	NV	40	0.007298	±2.5	PASS
EGPRS1900	661	NV	50	0.005819	±2.5	PASS
EGPRS1900	810	NV	-30	0.006477	±2.5	PASS
EGPRS1900	810	NV	-20	0.006016	±2.5	PASS
EGPRS1900	810	NV	-10	0.006069	±2.5	PASS
EGPRS1900	810	NV	0	0.006425	±2.5	PASS
EGPRS1900	810	NV	10	0.006189	±2.5	PASS
EGPRS1900	810	NV	20	0.003147	±2.5	PASS
EGPRS1900	810	NV	30	0.004414	±2.5	PASS
EGPRS1900	810	NV	40	0.002670	±2.5	PASS
EGPRS1900	810	NV	50	0.005273	±2.5	PASS

**WCDMA:**

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	NV	-30	-0.007293	±2.5	PASS
Band II	9262	NV	-20	-0.007444	±2.5	PASS
Band II	9262	NV	0	-0.006586	±2.5	PASS
Band II	9262	NV	10	-0.007072	±2.5	PASS
Band II	9262	NV	20	-0.006770	±2.5	PASS
Band II	9262	NV	30	-0.007169	±2.5	PASS
Band II	9262	NV	40	-0.006068	±2.5	PASS
Band II	9262	NV	50	-0.006041	±2.5	PASS
Band II	9400	NV	-30	-0.005367	±2.5	PASS
Band II	9400	NV	-20	-0.006415	±2.5	PASS
Band II	9400	NV	0	-0.006106	±2.5	PASS
Band II	9400	NV	10	-0.006048	±2.5	PASS
Band II	9400	NV	20	-0.005723	±2.5	PASS
Band II	9400	NV	30	-0.007074	±2.5	PASS
Band II	9400	NV	40	-0.005484	±2.5	PASS
Band II	9400	NV	50	-0.006431	±2.5	PASS
Band II	9538	NV	-30	-0.005253	±2.5	PASS
Band II	9538	NV	-20	-0.006736	±2.5	PASS
Band II	9538	NV	0	-0.006553	±2.5	PASS
Band II	9538	NV	10	-0.005316	±2.5	PASS
Band II	9538	NV	20	-0.005620	±2.5	PASS
Band II	9538	NV	30	-0.006485	±2.5	PASS
Band II	9538	NV	40	-0.005782	±2.5	PASS
Band II	9538	NV	50	-0.005499	±2.5	PASS
Band IV	1312	NV	-30	-0.007457	±2.5	PASS
Band IV	1312	NV	-20	-0.006056	±2.5	PASS
Band IV	1312	NV	0	-0.007568	±2.5	PASS

Band IV	1312	NV	10	-0.006955	±2.5	PASS
Band IV	1312	NV	20	-0.006196	±2.5	PASS
Band IV	1312	NV	30	-0.005519	±2.5	PASS
Band IV	1312	NV	40	-0.005682	±2.5	PASS
Band IV	1312	NV	50	-0.007965	±2.5	PASS
Band IV	1413	NV	-30	-0.006857	±2.5	PASS
Band IV	1413	NV	-20	-0.006026	±2.5	PASS
Band IV	1413	NV	0	-0.007590	±2.5	PASS
Band IV	1413	NV	10	-0.006689	±2.5	PASS
Band IV	1413	NV	20	-0.006003	±2.5	PASS
Band IV	1413	NV	30	-0.006487	±2.5	PASS
Band IV	1413	NV	40	-0.007567	±2.5	PASS
Band IV	1413	NV	50	-0.007099	±2.5	PASS
Band IV	1513	NV	-30	-0.003595	±2.5	PASS
Band IV	1513	NV	-20	-0.004068	±2.5	PASS
Band IV	1513	NV	0	-0.004799	±2.5	PASS
Band IV	1513	NV	10	-0.004479	±2.5	PASS
Band IV	1513	NV	20	-0.005529	±2.5	PASS
Band IV	1513	NV	30	-0.004793	±2.5	PASS
Band IV	1513	NV	40	-0.006847	±2.5	PASS
Band IV	1513	NV	50	-0.006168	±2.5	PASS
Band V	4132	NV	-30	-0.013190	±2.5	PASS
Band V	4132	NV	-20	-0.012754	±2.5	PASS
Band V	4132	NV	0	-0.011810	±2.5	PASS
Band V	4132	NV	10	-0.012633	±2.5	PASS
Band V	4132	NV	20	-0.012076	±2.5	PASS
Band V	4132	NV	30	-0.012633	±2.5	PASS
Band V	4132	NV	40	-0.011375	±2.5	PASS
Band V	4132	NV	50	-0.011750	±2.5	PASS
Band V	4182	NV	-30	-0.012303	±2.5	PASS
Band V	4182	NV	-20	-0.011059	±2.5	PASS
Band V	4182	NV	0	-0.011526	±2.5	PASS
Band V	4182	NV	10	-0.011454	±2.5	PASS
Band V	4182	NV	20	-0.011549	±2.5	PASS
Band V	4182	NV	30	-0.012554	±2.5	PASS
Band V	4182	NV	40	-0.012972	±2.5	PASS
Band V	4182	NV	50	-0.009840	±2.5	PASS
Band V	4233	NV	-30	-0.010465	±2.5	PASS
Band V	4233	NV	-20	-0.009981	±2.5	PASS
Band V	4233	NV	0	-0.012403	±2.5	PASS
Band V	4233	NV	10	-0.009910	±2.5	PASS
Band V	4233	NV	20	-0.009639	±2.5	PASS
Band V	4233	NV	30	-0.010017	±2.5	PASS
Band V	4233	NV	40	-0.010087	±2.5	PASS
Band V	4233	NV	50	-0.008918	±2.5	PASS

**LTE:**

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-0.004574	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	-0.001543	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	-0.000372	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-0.011064	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-0.006702	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-0.007181	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	-0.006968	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	-0.006223	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	-0.000426	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	-0.004096	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	-0.006330	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	-0.008085	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	-0.007394	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	-0.007766	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-0.006755	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	-0.000053	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	-0.002872	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	-0.009202	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	-30	-0.000266	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	-20	-0.007447	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	0	-0.000638	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	10	-0.006702	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	20	-0.007234	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	30	-0.004734	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	40	-0.005372	±2.5	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	NV	50	-0.001383	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	-0.000638	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-0.008830	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	-0.003351	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-0.003936	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-0.002819	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-0.001436	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	-0.001755	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	-0.007766	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	0.000585	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	0.000479	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	0.000904	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-10	-0.001649	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	0.001755	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	0.001436	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	-0.003617	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	-0.003511	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	-0.004681	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	50	-0.006011	±2.5	PASS
Band2	3MHz	64QAM	18900	15RB#0	NV	-30	-0.001862	±2.5	PASS



Band2	3MHz	64QAM	18900	15RB#0	NV	-20	-0.003723	±2.5	PASS
Band2	3MHz	64QAM	18900	15RB#0	NV	0	-0.002660	±2.5	PASS
Band2	3MHz	64QAM	18900	15RB#0	NV	10	-0.001755	±2.5	PASS
Band2	3MHz	64QAM	18900	15RB#0	NV	20	-0.003298	±2.5	PASS
Band2	3MHz	64QAM	18900	15RB#0	NV	30	-0.004521	±2.5	PASS
Band2	3MHz	64QAM	18900	15RB#0	NV	40	-0.005106	±2.5	PASS
Band2	3MHz	64QAM	18900	15RB#0	NV	50	-0.003723	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	-0.001809	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	-0.002287	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-10	-0.001862	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-0.001011	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-0.005585	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-0.006436	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	-0.002979	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	-0.000745	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	-0.004840	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	-0.004202	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	-0.005585	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-10	-0.002074	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	-0.005213	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-0.005106	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-0.005426	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	-0.002181	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	-0.002660	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	-0.003191	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	-30	-0.004362	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	-20	-0.003936	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	0	-0.002447	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	10	-0.001489	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	20	-0.004309	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	30	-0.002713	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	40	-0.002074	±2.5	PASS
Band2	5MHz	64QAM	18900	25RB#0	NV	50	-0.001968	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-0.000851	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	0.000160	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	-0.002713	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-0.003457	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-0.002553	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-0.001489	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	-0.006968	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	-0.000904	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	-0.004096	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-0.006755	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-0.006702	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	-0.005213	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-0.006809	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-0.003723	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-0.002926	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	-0.002021	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	-0.000904	±2.5	PASS

Band2	10MHz	16QAM	18900	50RB#0	NV	50	0.000106	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	-30	-0.003511	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	-20	-0.004362	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	0	-0.004309	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	10	-0.002234	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	20	-0.006649	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	30	-0.005213	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	40	-0.003457	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	50	-0.001862	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	0.000585	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-0.006436	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-10	-0.004202	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-0.004894	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-0.000851	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-0.002394	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	30	0.000000	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	40	0.000213	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	50	-0.005426	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	-0.003191	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	-0.004043	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-10	-0.003191	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-0.006436	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-0.005638	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	0.000106	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	30	-0.005638	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	40	-0.000745	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	50	-0.006596	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	-30	-0.002713	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	-20	-0.005426	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	0	-0.006383	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	10	-0.003617	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	20	-0.004468	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	30	-0.003936	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	40	-0.003777	±2.5	PASS
Band2	15MHz	64QAM	18900	75RB#0	NV	50	-0.003511	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-0.004787	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-0.006968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-0.001277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-0.007713	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-0.006436	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-0.001489	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-0.004628	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-0.006702	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-0.007819	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-0.002606	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	0.001223	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-0.006809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-0.000798	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-0.002553	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-0.002766	±2.5	PASS

Band2	20MHz	16QAM	18900	100RB#0	NV	30	-0.007979	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-0.005426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-0.006862	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-0.003511	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	-0.004043	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-0.003032	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-0.002606	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-0.003085	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-0.003564	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-0.003457	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	-0.000904	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-0.003925	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-0.002078	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	-0.001212	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	0.000173	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-0.003348	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-0.004444	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-0.003867	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-0.001039	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-0.004675	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-0.002309	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-0.003405	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-0.000462	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-0.001558	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-0.005310	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-0.005483	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-0.005079	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-0.004560	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-0.000346	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-30	-0.004502	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-20	0.002020	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	0	-0.004387	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	10	-0.002251	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	20	-0.002944	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	30	-0.001674	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	40	-0.001905	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	50	-0.000981	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-0.000693	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-0.007273	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-0.005310	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	0.001385	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-0.001097	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-0.007100	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-0.001558	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-0.000808	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-0.004156	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-0.001097	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-0.003290	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	0.001443	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-0.003636	±2.5	PASS