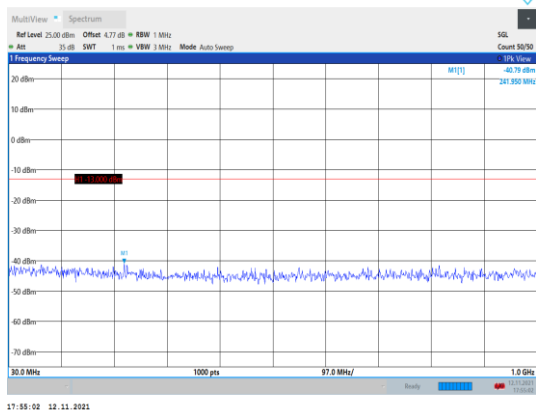
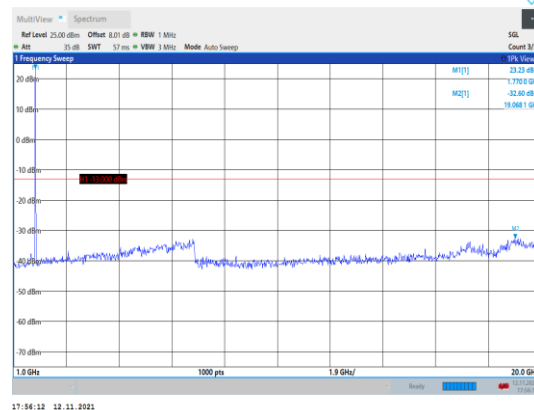
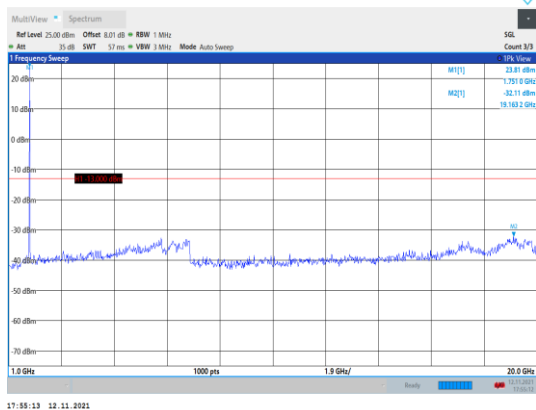




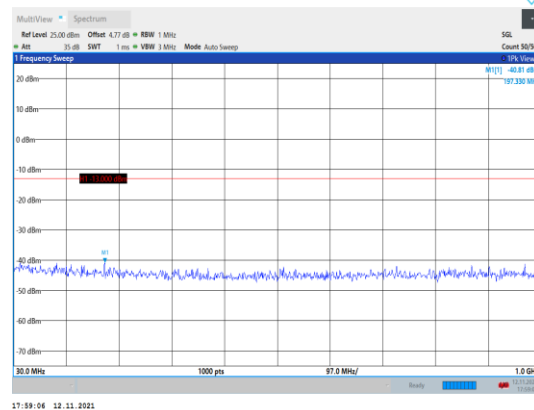
Band66-5MHz-16QAM-132322-1RB#0-
Range1:30~1000MHz



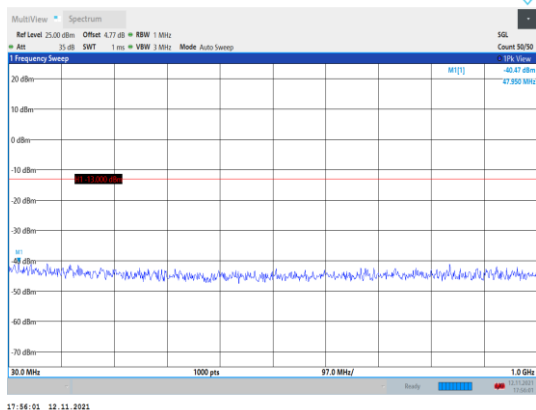
Band66-5MHz-16QAM-132647-1RB#0-
Range2:1000~20000MHz



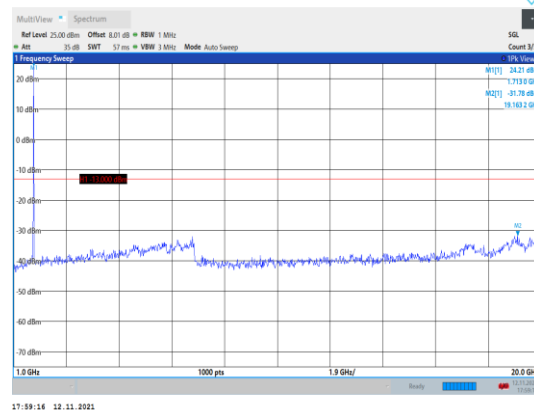
Band66-5MHz-16QAM-132322-1RB#0-
Range2:1000~20000MHz



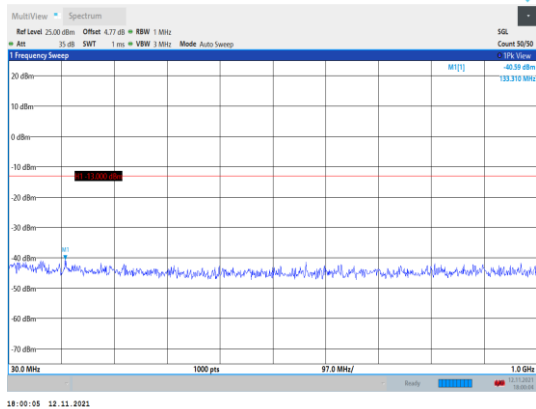
Band66-10MHz-QPSK-132022-1RB#0-
Range1:30~1000MHz



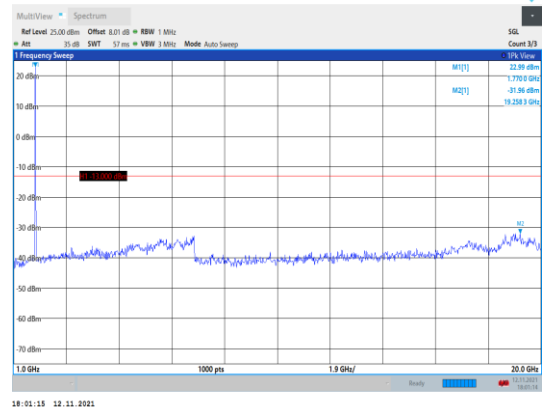
Band66-5MHz-16QAM-132647-1RB#0-
Range1:30~1000MHz



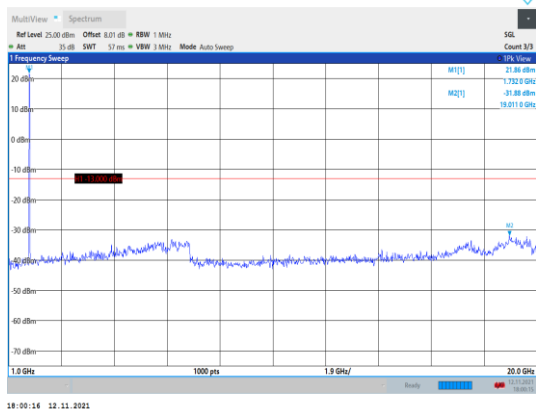
Band66-10MHz-QPSK-132022-1RB#0-
Range2:1000~20000MHz



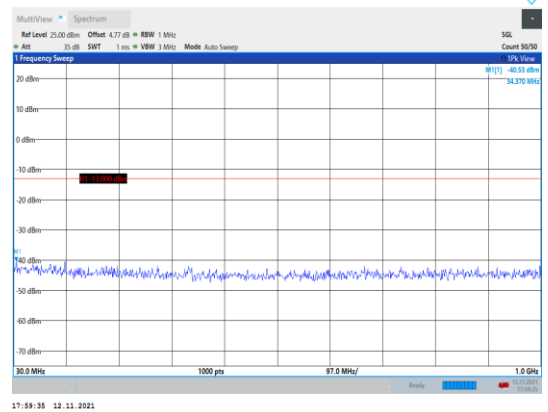
Band66-10MHz-QPSK-132322-1RB#0-
Range1:30~1000MHz



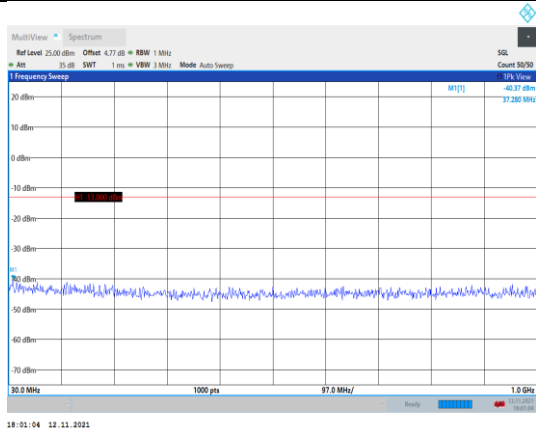
Band66-10MHz-QPSK-132622-1RB#0-
Range2:1000~20000MHz



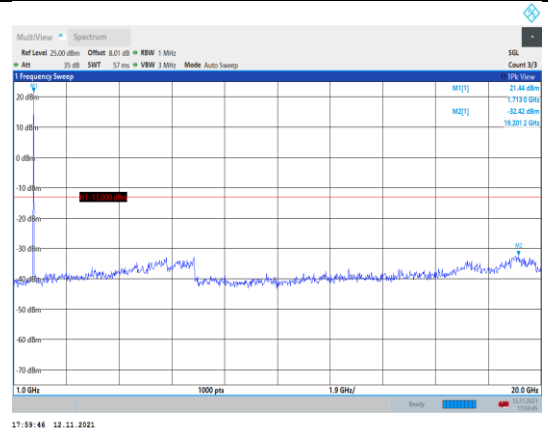
Band66-10MHz-QPSK-132322-1RB#0-
Range2:1000~20000MHz



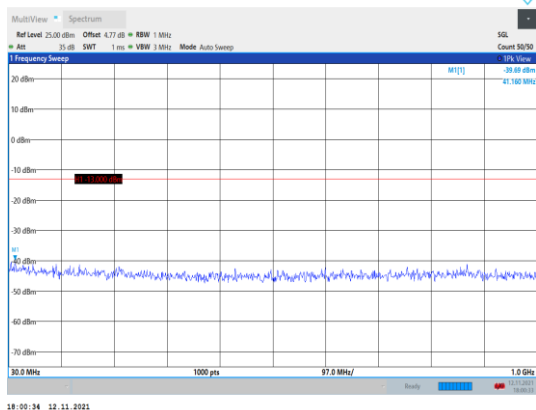
Band66-10MHz-16QAM-132022-1RB#0-
Range1:30~1000MHz



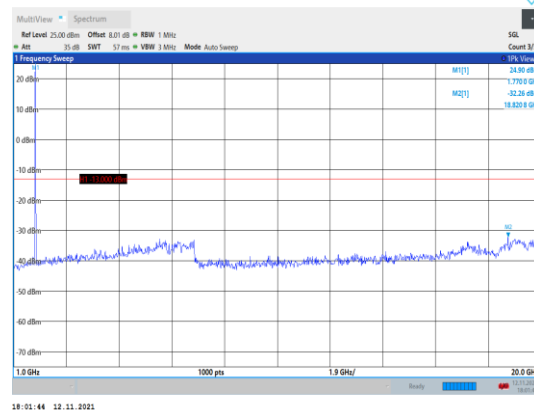
Band66-10MHz-QPSK-132622-1RB#0-
Range1:30~1000MHz



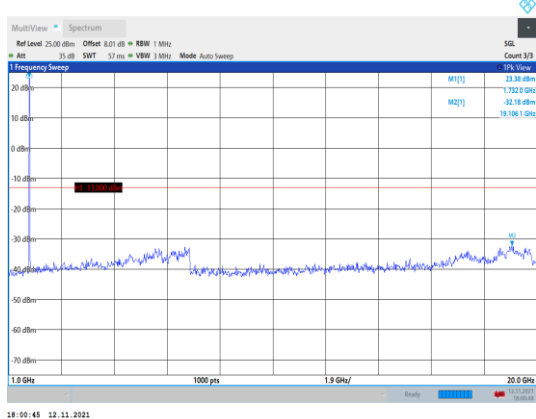
Band66-10MHz-16QAM-132022-1RB#0-
Range2:1000~20000MHz



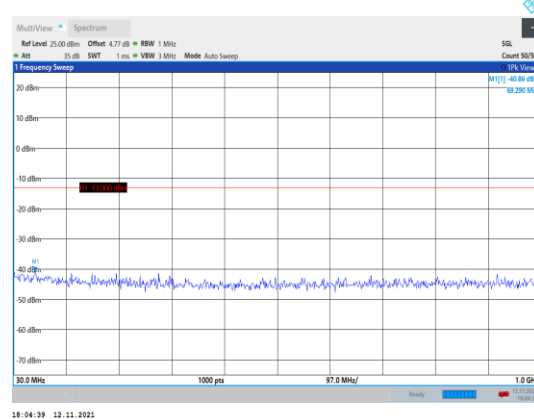
Band66-10MHz-16QAM-132322-1RB#0-
Range1:30~1000MHz



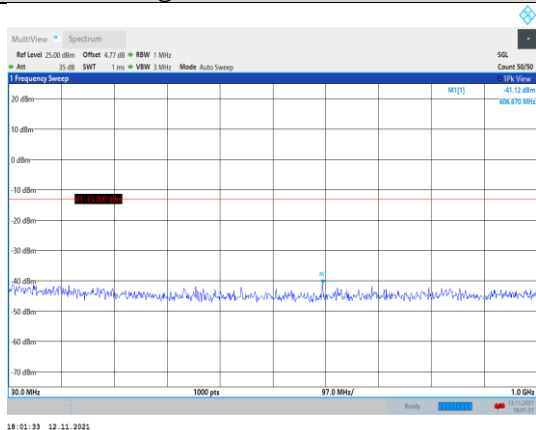
Band66-10MHz-16QAM-132622-1RB#0-
Range2:1000~20000MHz



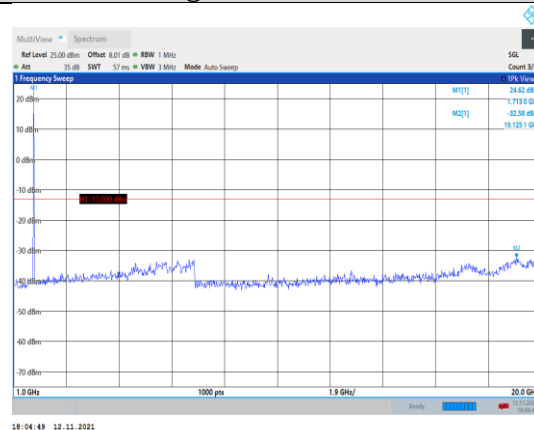
Band66-10MHz-16QAM-132322-1RB#0-
Range2:1000~20000MHz



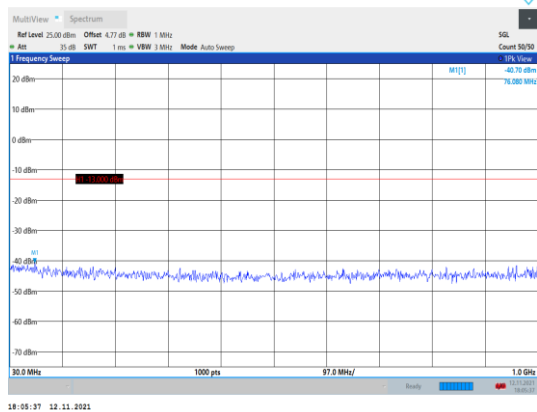
Band66-15MHz-QPSK-132047-1RB#0-
Range1:30~1000MHz



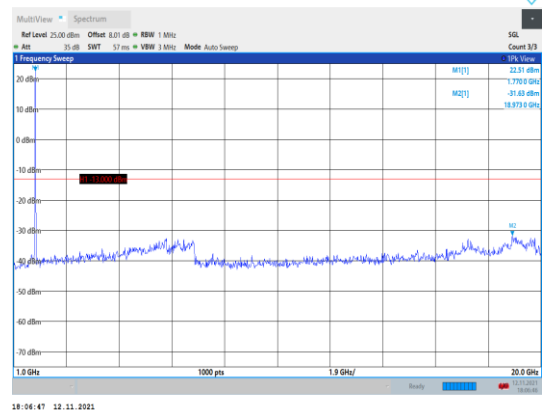
Band66-10MHz-16QAM-132622-1RB#0-
Range1:30~1000MHz



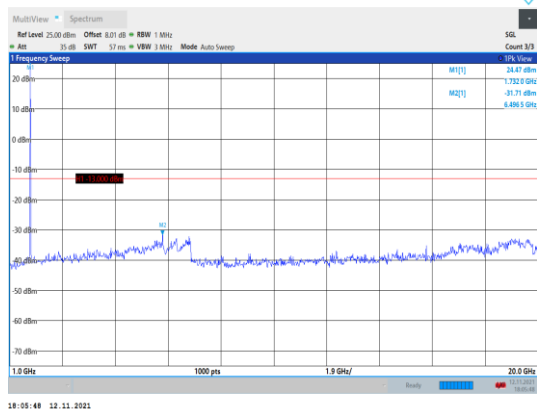
Band66-15MHz-QPSK-132047-1RB#0-
Range2:1000~20000MHz



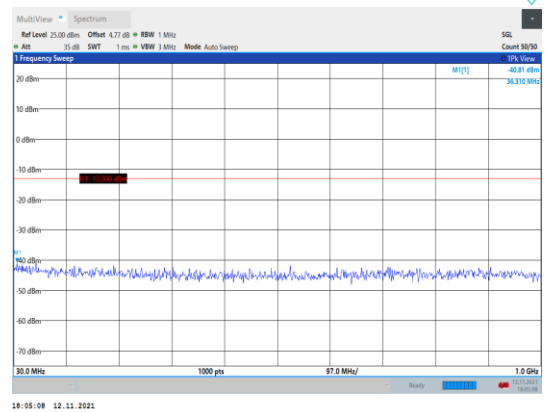
Band66-15MHz-QPSK-132322-1RB#0-
Range1:30~1000MHz



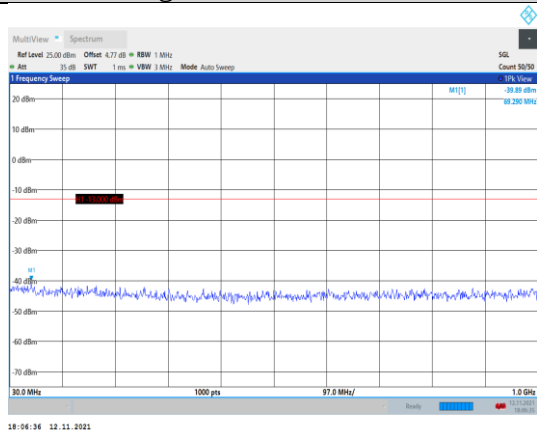
Band66-15MHz-QPSK-132597-1RB#0-
Range2:1000~20000MHz



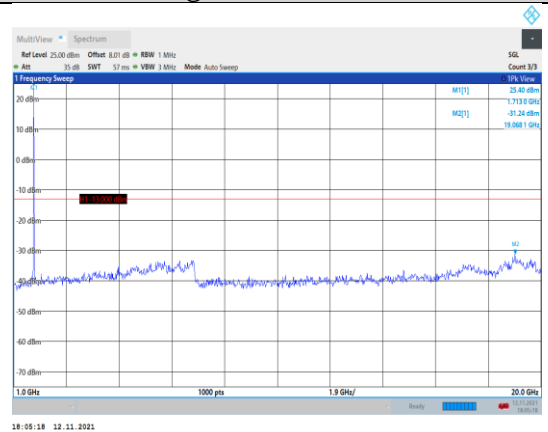
Band66-15MHz-QPSK-132322-1RB#0-
Range2:1000~20000MHz



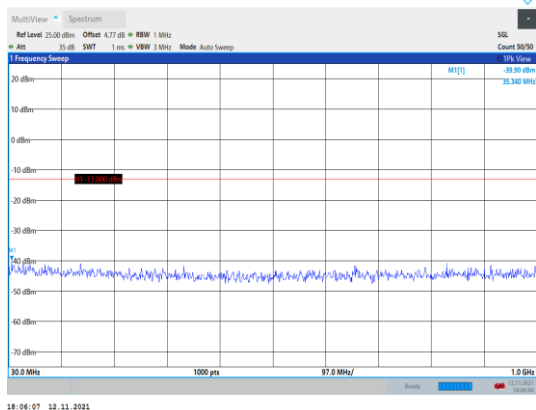
Band66-15MHz-16QAM-132047-1RB#0-
Range1:30~1000MHz



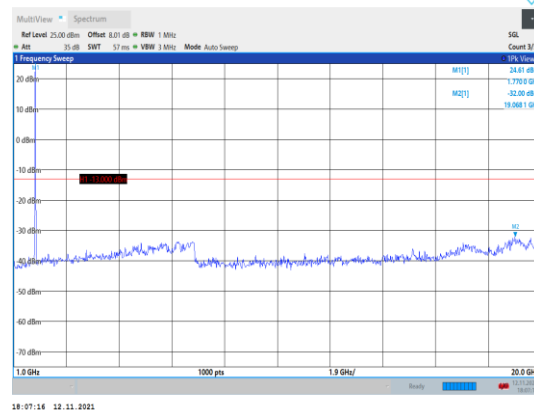
Band66-15MHz-QPSK-132597-1RB#0-
Range1:30~1000MHz



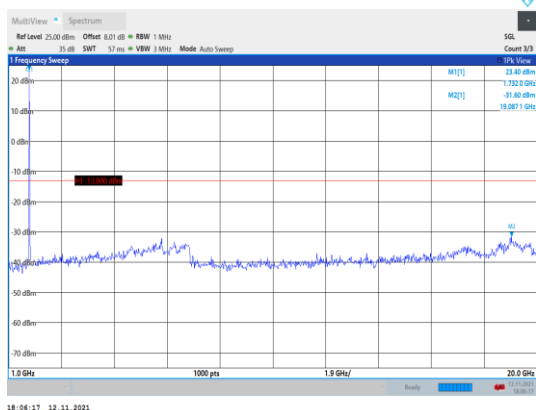
Band66-15MHz-16QAM-132047-1RB#0-
Range2:1000~20000MHz



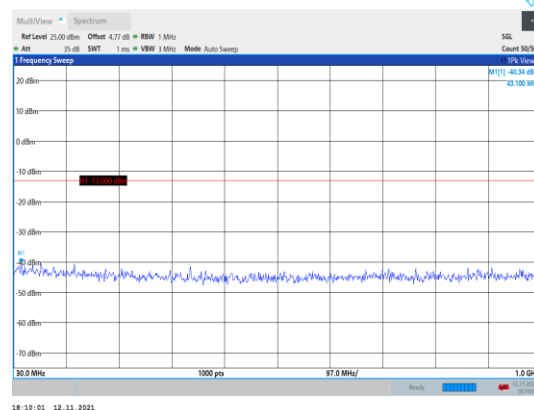
Band66-15MHz-16QAM-132322-1RB#0-
Range1:30~1000MHz



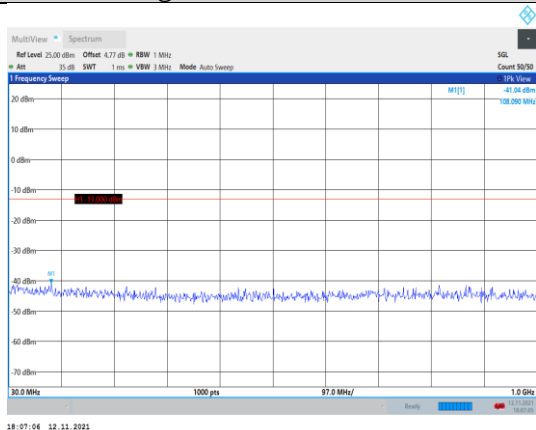
Band66-15MHz-16QAM-132597-1RB#0-
Range2:1000~20000MHz



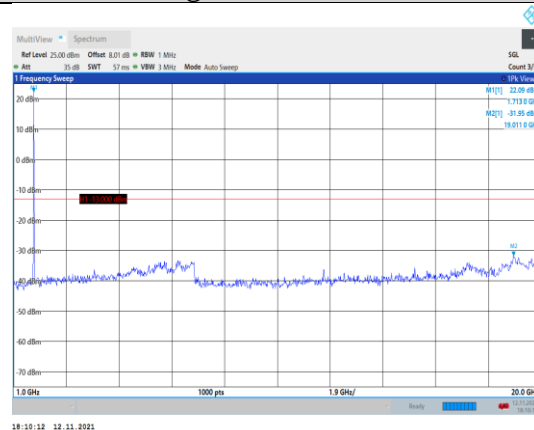
Band66-15MHz-16QAM-132322-1RB#0-
Range2:1000~20000MHz



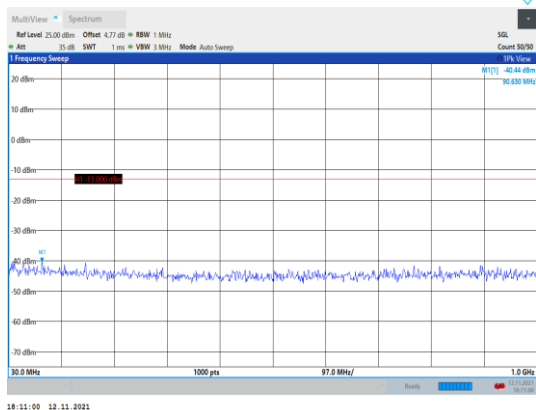
Band66-20MHz-QPSK-132072-1RB#0-
Range1:30~1000MHz



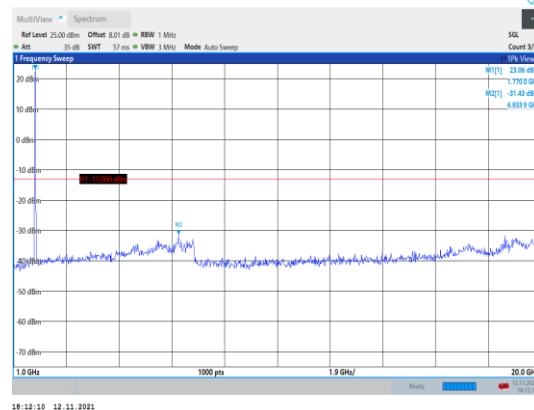
Band66-15MHz-16QAM-132597-1RB#0-
Range1:30~1000MHz



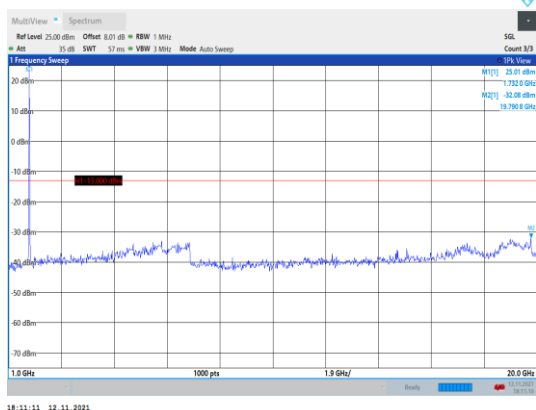
Band66-20MHz-QPSK-132072-1RB#0-
Range2:1000~20000MHz



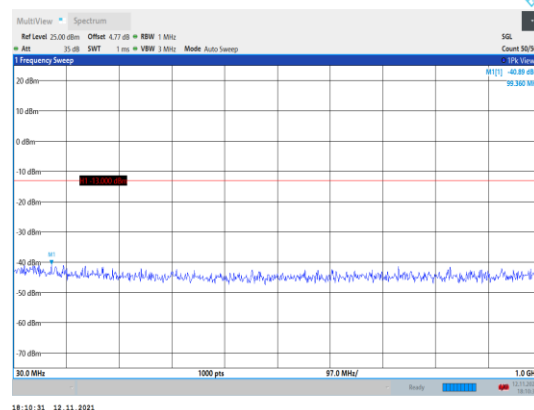
Band66-20MHz-QPSK-132322-1RB#0-
Range1:30~1000MHz



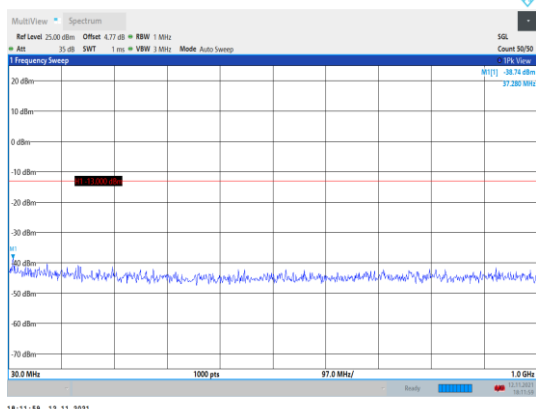
Band66-20MHz-QPSK-132572-1RB#0-
Range2:1000~20000MHz



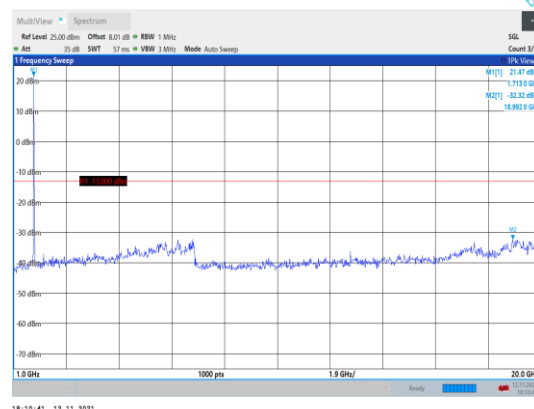
Band66-20MHz-QPSK-132322-1RB#0-
Range2:1000~20000MHz



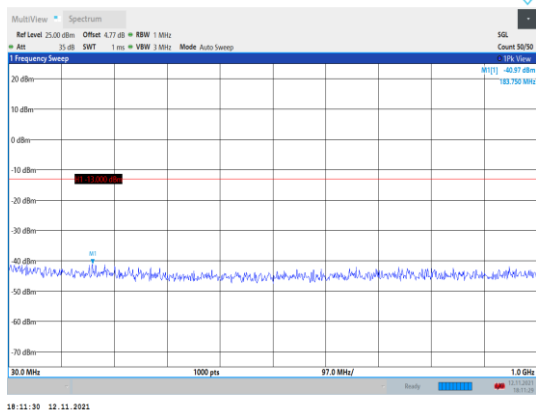
Band66-20MHz-16QAM-132072-1RB#0-
Range1:30~1000MHz



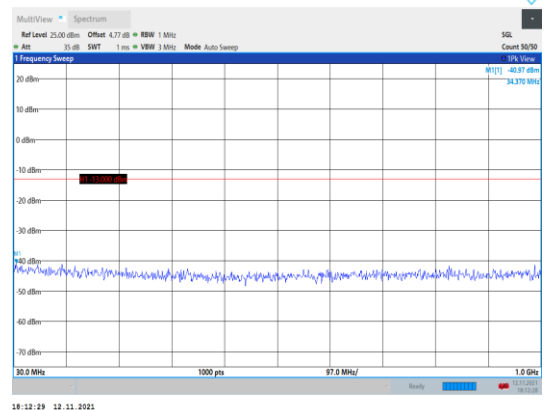
Band66-20MHz-QPSK-132572-1RB#0-
Range1:30~1000MHz



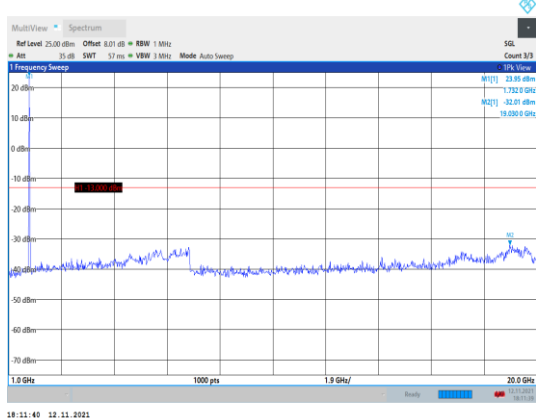
Band66-20MHz-16QAM-132072-1RB#0-
Range2:1000~20000MHz



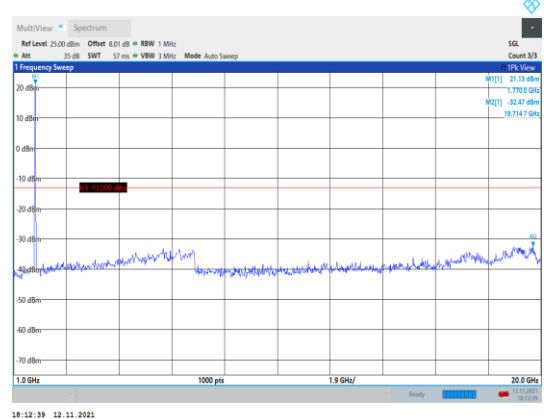
Band66-20MHz-16QAM-132322-1RB#0-
Range1:30~1000MHz



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



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



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

12. APPENDIX F: FREQUENCY STABILITY

Frequency Error vs. Voltage:

GSM:

Band	Channel	Voltage					
		Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	NT	-1.39	-0.001686	±2.5	PASS
GSM850	128	VN	NT	-2.78	-0.003373	±2.5	PASS
GSM850	128	VH	NT	-0.26	-0.000315	±2.5	PASS
GSM850	190	VL	NT	7.39	0.008833	±2.5	PASS
GSM850	190	VN	NT	-2.74	-0.003275	±2.5	PASS
GSM850	190	VH	NT	-3.36	-0.004016	±2.5	PASS
GSM850	251	VL	NT	5.88	0.006927	±2.5	PASS
GSM850	251	VN	NT	-2.78	-0.003275	±2.5	PASS
GSM850	251	VH	NT	-4.42	-0.005207	±2.5	PASS
GPRS850	128	VL	NT	11.59	0.014062	±2.5	PASS
GPRS850	128	VN	NT	15.63	0.018964	±2.5	PASS
GPRS850	128	VH	NT	14.98	0.018175	±2.5	PASS
GPRS850	190	VL	NT	11.82	0.014129	±2.5	PASS
GPRS850	190	VN	NT	12.17	0.014547	±2.5	PASS
GPRS850	190	VH	NT	11.85	0.014164	±2.5	PASS
GPRS850	251	VL	NT	10.46	0.012323	±2.5	PASS
GPRS850	251	VN	NT	10.75	0.012665	±2.5	PASS
GPRS850	251	VH	NT	9.20	0.010839	±2.5	PASS
EGPRS850	128	VL	NT	18.89	0.022919	±2.5	PASS
EGPRS850	128	VN	NT	21.44	0.026013	±2.5	PASS
EGPRS850	128	VH	NT	21.34	0.025892	±2.5	PASS
EGPRS850	190	VL	NT	17.37	0.020763	±2.5	PASS
EGPRS850	190	VN	NT	20.21	0.024157	±2.5	PASS
EGPRS850	190	VH	NT	18.82	0.022496	±2.5	PASS
EGPRS850	251	VL	NT	15.82	0.018638	±2.5	PASS
EGPRS850	251	VN	NT	14.79	0.017425	±2.5	PASS
EGPRS850	251	VH	NT	17.43	0.020535	±2.5	PASS
GSM1900	512	VL	NT	-14.40	-0.007783	±2.5	PASS
GSM1900	512	VN	NT	-8.43	-0.004556	±2.5	PASS
GSM1900	512	VH	NT	-13.98	-0.007556	±2.5	PASS
GSM1900	661	VL	NT	-13.62	-0.007245	±2.5	PASS
GSM1900	661	VN	NT	-10.40	-0.005532	±2.5	PASS
GSM1900	661	VH	NT	-6.07	-0.003229	±2.5	PASS
GSM1900	810	VL	NT	-11.30	-0.005917	±2.5	PASS
GSM1900	810	VN	NT	-16.34	-0.008556	±2.5	PASS
GSM1900	810	VH	NT	-13.27	-0.006948	±2.5	PASS
GPRS1900	512	VL	NT	4.52	0.002443	±2.5	PASS
GPRS1900	512	VN	NT	9.14	0.004940	±2.5	PASS
GPRS1900	512	VH	NT	6.30	0.003405	±2.5	PASS
GPRS1900	661	VL	NT	0.65	0.000346	±2.5	PASS

GPRS1900	661	VN	NT	0.36	0.000191	±2.5	PASS
GPRS1900	661	VH	NT	-1.07	-0.000569	±2.5	PASS
GPRS1900	810	VL	NT	-2.55	-0.001335	±2.5	PASS
GPRS1900	810	VN	NT	-2.91	-0.001524	±2.5	PASS
GPRS1900	810	VH	NT	-3.00	-0.001571	±2.5	PASS
EGPRS1900	512	VL	NT	13.40	0.007242	±2.5	PASS
EGPRS1900	512	VN	NT	13.17	0.007118	±2.5	PASS
EGPRS1900	512	VH	NT	12.43	0.006718	±2.5	PASS
EGPRS1900	661	VL	NT	6.23	0.003314	±2.5	PASS
EGPRS1900	661	VN	NT	10.40	0.005532	±2.5	PASS
EGPRS1900	661	VH	NT	-2.87	-0.001527	±2.5	PASS
EGPRS1900	810	VL	NT	-0.65	-0.000340	±2.5	PASS
EGPRS1900	810	VN	NT	0.81	0.000424	±2.5	PASS
EGPRS1900	810	VH	NT	1.16	0.000607	±2.5	PASS

WCDMA:

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	0.74	0.000399	±2.5	PASS
Band2	9262	VN	NT	-1.85	-0.000999	±2.5	PASS
Band2	9262	VH	NT	1.34	0.000723	±2.5	PASS
Band2	9400	VL	NT	-0.78	-0.000415	±2.5	PASS
Band2	9400	VN	NT	-0.49	-0.000261	±2.5	PASS
Band2	9400	VH	NT	-0.79	-0.000420	±2.5	PASS
Band2	9538	VL	NT	-3.75	-0.001966	±2.5	PASS
Band2	9538	VN	NT	-3.94	-0.002065	±2.5	PASS
Band2	9538	VH	NT	-4.01	-0.002102	±2.5	PASS
Band4	1312	VL	NT	9.20	0.005373	±2.5	PASS
Band4	1312	VN	NT	7.61	0.004444	±2.5	PASS
Band4	1312	VH	NT	9.68	0.005653	±2.5	PASS
Band4	1413	VL	NT	0.14	0.000081	±2.5	PASS
Band4	1413	VN	NT	0.21	0.000121	±2.5	PASS
Band4	1413	VH	NT	0.12	0.000069	±2.5	PASS
Band4	1513	VL	NT	-8.97	-0.005118	±2.5	PASS
Band4	1513	VN	NT	-9.35	-0.005335	±2.5	PASS
Band4	1513	VH	NT	-9.01	-0.005141	±2.5	PASS
Band5	4132	VL	NT	0.90	0.001089	±2.5	PASS
Band5	4132	VN	NT	0.65	0.000787	±2.5	PASS
Band5	4132	VH	NT	0.98	0.001186	±2.5	PASS
Band5	4182	VL	NT	0.05	0.000060	±2.5	PASS
Band5	4182	VN	NT	0.22	0.000263	±2.5	PASS
Band5	4182	VH	NT	0.05	0.000060	±2.5	PASS
Band5	4233	VL	NT	-0.92	-0.001087	±2.5	PASS
Band5	4233	VN	NT	-0.86	-0.001016	±2.5	PASS
Band5	4233	VH	NT	-0.92	-0.001087	±2.5	PASS

LTE:

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-16.59	- 0.008824	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-13.36	- 0.007106	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-17.21	- 0.009154	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	-11.59	- 0.006165	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-11.32	- 0.006021	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	-8.04	- 0.004277	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-1.99	- 0.001059	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-2.53	- 0.001346	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-3.52	- 0.001872	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	1.97	- 0.001048	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-4.55	- 0.002420	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-3.79	- 0.002016	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-7.18	- 0.003819	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-5.52	- 0.002936	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-4.22	- 0.002245	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-4.46	- 0.002372	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	-5.51	- 0.002931	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-3.53	- 0.001878	±2.5	PASS

Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-6.62	- 0.00352 1	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-5.16	- 0.00274 5	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-6.71	- 0.00356 9	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-4.55	- 0.00242 0	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-5.06	- 0.00269 1	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-5.52	- 0.00293 6	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	LV	NT	-4.89	- 0.00260 1	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	NT	-4.45	- 0.00236 7	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	HV	NT	-4.55	- 0.00242 0	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	LV	NT	-4.63	- 0.00246 3	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	NT	-6.51	- 0.00346 3	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	HV	NT	-5.26	- 0.00279 8	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB# 0	VL	NT	-4.29	- 0.00228 2	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB# 0	VN	NT	-4.03	- 0.00214 4	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB# 0	VH	NT	-4.28	- 0.00227 7	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB# 0	VL	NT	-7.67	- 0.00408 0	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB# 0	VN	NT	-7.48	- 0.00397 9	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB# 0	VH	NT	-4.94	- 0.00262 8	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	12.90	- 0.00744 6	±2.5	PASS

Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	14.35	0.00828 3	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	12.40	0.00715 7	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	2.88	0.00166 2	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	5.91	0.00341 1	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-4.03	- 0.00232 6	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	5.11	0.00294 9	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	4.92	0.00284 0	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	4.91	0.00283 4	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	6.21	0.00358 4	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	5.97	0.00344 6	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	5.22	0.00301 3	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-16.47	- 0.00950 6	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-14.76	- 0.00851 9	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	3.60	0.00207 8	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	4.84	0.00279 4	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-17.95	- 0.01036 1	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-13.70	- 0.00790 8	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-2.73	- 0.00157 6	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	4.58	0.00264 4	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	3.95	0.00228 0	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	-2.42	- 0.00139 7	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	2.98	0.00172 0	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	2.62	0.00151 2	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	3.08	0.00177 8	±2.5	PASS

Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-3.03	- 0.00174 9	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	1.93	0.001114	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	3.12	0.00180 1	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	-4.48	- 0.00258 6	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	-4.19	- 0.00241 8	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB# 0	VL	NT	-2.47	- 0.00142 6	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB# 0	VN	NT	3.92	0.00226 3	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB# 0	VH	NT	3.48	0.00200 9	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB# 0	VL	NT	3.59	0.00207 2	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB# 0	VN	NT	3.09	0.00178 4	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB# 0	VH	NT	3.95	0.00228 0	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-7.94	- 0.00949 2	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-7.57	- 0.00905 0	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-7.72	- 0.00922 9	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	5.99	0.00716 1	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	8.14	0.00973 1	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	3.58	0.00428 0	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	2.93	0.00350 3	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	1.27	0.00151 8	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	1.60	0.00191 3	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	1.96	0.00234 3	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	2.76	0.00329 9	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	1.59	0.00190 1	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	2.32	0.00277 3	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	2.85	0.00340	±2.5	PASS

								7		
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-8.30	- 0.00992 2	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	4.01	0.00479 4	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-1.24	- 0.00148 2	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	2.76	0.00329 9	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-1.59	- 0.00190 1	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-2.33	- 0.00278 5	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	2.39	0.00285 7	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-1.62	- 0.00193 7	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.93	- 0.00230 7	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-1.80	- 0.00215 2	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-2.90	- 0.00114 4	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	8.20	0.00323 5	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-1.30	- 0.00051 3	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-2.40	- 0.00094 7	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-5.80	- 0.00228 8	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	2.90	0.00114 4	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-7.90	- 0.00311 6	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-3.81	- 0.00150 3	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-4.53	- 0.00178 7	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-4.86	- 0.00191 7	±2.5	PASS

Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-5.18	- 0.00204 3	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-8.27	- 0.00326 2	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-5.99	- 0.00236 3	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-4.56	- 0.00179 9	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-3.78	- 0.00149 1	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-5.79	- 0.00228 4	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-6.64	- 0.00261 9	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-6.19	- 0.00244 2	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	VL	NT	-4.25	- 0.00167 7	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	VN	NT	-6.78	- 0.00267 5	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	VH	NT	-5.41	- 0.00213 4	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB# 0	VL	NT	-6.25	- 0.00246 5	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB# 0	VN	NT	-7.28	- 0.00287 2	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB# 0	VH	NT	-6.19	- 0.00244 2	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VL	NT	18.30	0.02586 6	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VN	NT	16.55	0.02339 2	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VH	NT	15.38	0.02173 9	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.62	- 0.00370 3	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VN	NT	-3.18	- 0.00449 5	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VH	NT	-4.23	- 0.00597	±2.5	PASS

								9		
Band1 2	3MHz	QPSK	23095	15RB#0	VL	NT	3.98	0.00562 5	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	3.45	0.00487 6	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	4.99	0.00705 3	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	3.15	0.00445 2	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	2.96	0.00418 4	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	3.28	0.00463 6	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	2.25	0.00318 0	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	-1.54	- 0.00217 7	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	1.30	0.00183 7	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VL	NT	4.05	0.00572 4	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	4.22	0.00596 5	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	4.01	0.00566 8	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	2.45	0.00346 3	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	3.62	0.00511 7	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	1.79	0.00253 0	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	1.32	0.00186 6	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	2.03	0.00286 9	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	2.57	0.00363 3	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VL	NT	3.32	0.00467 6	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VN	NT	2.76	0.00388 7	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VH	NT	4.06	0.00571 8	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VL	NT	4.23	0.00595 8	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VN	NT	4.05	0.00570 4	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VH	NT	5.32	0.00749 3	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VL	NT	2.22	0.00312 7	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VN	NT	2.23	0.00314 1	±2.5	PASS
Band1	10MHz	QPSK	23790	50RB#0	VH	NT	2.59	0.00364	±2.5	PASS

7								8		
Band1 7	10MHz	16QAM	23790	50RB#0	VL	NT	-1.32	- 0.00185 9	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VN	NT	1.00	0.00140 8	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VH	NT	1.22	0.00171 8	±2.5	PASS
Band2 6	1.4MHz	QPSK	26740	6RB#0	VL	NT	5.65	0.00689 9	±2.5	PASS
Band2 6	1.4MHz	QPSK	26740	6RB#0	VN	NT	10.51	0.01283 3	±2.5	PASS
Band2 6	1.4MHz	QPSK	26740	6RB#0	VH	NT	6.19	0.00755 8	±2.5	PASS
Band2 6	1.4MHz	16QAM	26740	6RB#0	VL	NT	-3.00	- 0.00366 3	±2.5	PASS
Band2 6	1.4MHz	16QAM	26740	6RB#0	VN	NT	-5.25	- 0.00641 0	±2.5	PASS
Band2 6	1.4MHz	16QAM	26740	6RB#0	VH	NT	-2.83	- 0.00345 5	±2.5	PASS
Band2 6	3MHz	QPSK	26740	15RB#0	VL	NT	2.35	0.00286 9	±2.5	PASS
Band2 6	3MHz	QPSK	26740	15RB#0	VN	NT	4.62	0.00564 1	±2.5	PASS
Band2 6	3MHz	QPSK	26740	15RB#0	VH	NT	5.48	0.00669 1	±2.5	PASS
Band2 6	3MHz	16QAM	26740	15RB#0	VL	NT	2.75	0.00335 8	±2.5	PASS
Band2 6	3MHz	16QAM	26740	15RB#0	VN	NT	3.75	0.00457 9	±2.5	PASS
Band2 6	3MHz	16QAM	26740	15RB#0	VH	NT	1.87	0.00228 3	±2.5	PASS
Band2 6	5MHz	QPSK	26740	25RB#0	VL	NT	2.73	0.00333 3	±2.5	PASS
Band2 6	5MHz	QPSK	26740	25RB#0	VN	NT	-7.93	- 0.00968 3	±2.5	PASS
Band2 6	5MHz	QPSK	26740	25RB#0	VH	NT	2.49	0.00304 0	±2.5	PASS
Band2 6	5MHz	16QAM	26740	25RB#0	VL	NT	1.47	0.00179 5	±2.5	PASS
Band2 6	5MHz	16QAM	26740	25RB#0	VN	NT	2.22	0.00271 1	±2.5	PASS
Band2 6	5MHz	16QAM	26740	25RB#0	VH	NT	1.85	0.00225 9	±2.5	PASS
Band2 6	10MHz	QPSK	26740	50RB#0	VL	NT	-4.16	- 0.00507 9	±2.5	PASS
Band2 6	10MHz	QPSK	26740	50RB#0	VN	NT	-2.73	- 0.00333 3	±2.5	PASS
Band2	10MHz	QPSK	26740	50RB#0	VH	NT	-2.53	-	±2.5	PASS

6								0.00308 9		
Band2 6	10MHz	16QAM	26740	50RB#0	VL	NT	2.33	0.00284 5	±2.5	PASS
Band2 6	10MHz	16QAM	26740	50RB#0	VN	NT	1.34	0.00163 6	±2.5	PASS
Band2 6	10MHz	16QAM	26740	50RB#0	VH	NT	2.65	0.00323 6	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	VL	NT	-3.60	- 0.00138 7	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	VN	NT	-0.60	- 0.00023 1	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	VH	NT	-6.30	- 0.00242 8	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	VL	NT	11.90	0.00458 6	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	VN	NT	1.80	0.00069 4	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	VH	NT	2.70	0.00104 0	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VL	NT	6.60	0.00254 3	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VN	NT	-7.90	- 0.00304 4	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VH	NT	5.50	0.00211 9	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VL	NT	3.30	0.00127 2	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VN	NT	-12.20	- 0.00470 1	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VH	NT	-4.00	- 0.00154 1	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VL	NT	-1.70	- 0.00065 5	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VN	NT	0.40	0.00015 4	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VH	NT	3.50	0.00134 9	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VL	NT	-1.10	- 0.00042 4	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VN	NT	9.00	0.00346 8	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VH	NT	4.60	0.00177 3	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB# 0	VL	NT	9.70	0.00373 8	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB# 0	VN	NT	-4.50	- 0.00173	±2.5	PASS

								4		
Band3 8	20MHz	QPSK	38000	100RB# 0	VH	NT	-3.10	- 0.00119 5	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB# 0	VL	NT	6.70	0.00258 2	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB# 0	VN	NT	-0.50	- 0.00019 3	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB# 0	VH	NT	-0.60	- 0.00023 1	±2.5	PASS
Band4 1	5MHz	QPSK	40590	25RB#0	VL	NT	15.70	0.00606 2	±2.5	PASS
Band4 1	5MHz	QPSK	40590	25RB#0	VN	NT	14.10	0.00544 4	±2.5	PASS
Band4 1	5MHz	QPSK	40590	25RB#0	VH	NT	8.60	0.00332 0	±2.5	PASS
Band4 1	5MHz	16QAM	40590	25RB#0	VL	NT	1.50	0.00057 9	±2.5	PASS
Band4 1	5MHz	16QAM	40590	25RB#0	VN	NT	2.80	0.00108 1	±2.5	PASS
Band4 1	5MHz	16QAM	40590	25RB#0	VH	NT	-0.60	- 0.00023 2	±2.5	PASS
Band4 1	10MHz	QPSK	40590	50RB#0	VL	NT	4.70	0.00181 5	±2.5	PASS
Band4 1	10MHz	QPSK	40590	50RB#0	VN	NT	-3.70	- 0.00142 9	±2.5	PASS
Band4 1	10MHz	QPSK	40590	50RB#0	VH	NT	-1.10	- 0.00042 5	±2.5	PASS
Band4 1	10MHz	16QAM	40590	50RB#0	VL	NT	-4.60	- 0.00177 6	±2.5	PASS
Band4 1	10MHz	16QAM	40590	50RB#0	VN	NT	9.10	0.00351 4	±2.5	PASS
Band4 1	10MHz	16QAM	40590	50RB#0	VH	NT	0.30	0.00011 6	±2.5	PASS
Band4 1	15MHz	QPSK	40590	75RB#0	VL	NT	10.90	0.00420 8	±2.5	PASS
Band4 1	15MHz	QPSK	40590	75RB#0	VN	NT	12.20	0.00471 0	±2.5	PASS
Band4 1	15MHz	QPSK	40590	75RB#0	VH	NT	10.30	0.00397 7	±2.5	PASS
Band4 1	15MHz	16QAM	40590	75RB#0	VL	NT	15.70	0.00606 2	±2.5	PASS
Band4 1	15MHz	16QAM	40590	75RB#0	VN	NT	13.70	0.00529 0	±2.5	PASS
Band4 1	15MHz	16QAM	40590	75RB#0	VH	NT	-0.20	- 0.00007 7	±2.5	PASS
Band4 1	20MHz	QPSK	40590	100RB# 0	VL	NT	-0.20	- 0.00007 7	±2.5	PASS

Band4 1	20MHz	QPSK	40590	100RB# 0	VN	NT	2.40	0.00092 7	±2.5	PASS
Band4 1	20MHz	QPSK	40590	100RB# 0	VH	NT	4.80	0.00185 3	±2.5	PASS
Band4 1	20MHz	16QAM	40590	100RB# 0	VL	NT	15.30	0.00590 7	±2.5	PASS
Band4 1	20MHz	16QAM	40590	100RB# 0	VN	NT	-1.40	- 0.00054 1	±2.5	PASS
Band4 1	20MHz	16QAM	40590	100RB# 0	VH	NT	9.90	0.00382 2	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	VL	NT	-12.47	- 0.00714 6	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	VN	NT	-13.43	- 0.00769 6	±2.5	PASS
Band6 6	1.4MHz	QPSK	13232 2	6RB#0	VH	NT	-10.76	- 0.00616 6	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	VL	NT	-4.32	- 0.00247 6	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	VN	NT	-6.24	- 0.00357 6	±2.5	PASS
Band6 6	1.4MHz	16QAM	13232 2	6RB#0	VH	NT	-3.56	- 0.00204 0	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	VL	NT	-6.07	- 0.00347 9	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	VN	NT	-4.43	- 0.00253 9	±2.5	PASS
Band6 6	3MHz	QPSK	13232 2	15RB#0	VH	NT	-5.01	- 0.00287 1	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	VL	NT	-2.00	- 0.00114 6	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	VN	NT	-3.06	- 0.00175 4	±2.5	PASS
Band6 6	3MHz	16QAM	13232 2	15RB#0	VH	NT	-4.49	- 0.00257 3	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	VL	NT	-4.92	- 0.00281 9	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	VN	NT	-3.46	- 0.00198 3	±2.5	PASS
Band6 6	5MHz	QPSK	13232 2	25RB#0	VH	NT	-1.85	- 0.00106 0	±2.5	PASS

Band6 6	5MHz	16QAM	13232 2	25RB#0	VL	NT	2.25	0.00128 9	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	VN	NT	-2.96	- 0.00169 6	±2.5	PASS
Band6 6	5MHz	16QAM	13232 2	25RB#0	VH	NT	4.32	0.00247 6	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	VL	NT	-4.03	- 0.00230 9	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	VN	NT	-3.42	- 0.00196 0	±2.5	PASS
Band6 6	10MHz	QPSK	13232 2	50RB#0	VH	NT	-3.42	- 0.00196 0	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	50RB#0	VL	NT	-5.26	- 0.00301 4	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	50RB#0	VN	NT	-4.56	- 0.00261 3	±2.5	PASS
Band6 6	10MHz	16QAM	13232 2	50RB#0	VH	NT	-5.79	- 0.00331 8	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	VL	NT	-3.32	- 0.00190 3	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	VN	NT	-3.66	- 0.00209 7	±2.5	PASS
Band6 6	15MHz	QPSK	13232 2	75RB#0	VH	NT	-4.28	- 0.00245 3	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	75RB#0	VL	NT	-5.94	- 0.00340 4	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	75RB#0	VN	NT	-3.62	- 0.00207 4	±2.5	PASS
Band6 6	15MHz	16QAM	13232 2	75RB#0	VH	NT	-4.35	- 0.00249 3	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB# 0	VL	NT	-4.96	- 0.00284 2	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB# 0	VN	NT	-5.85	- 0.00335 2	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB# 0	VH	NT	-4.92	- 0.00281 9	±2.5	PASS
Band6 6	20MHz	16QAM	13232 2	100RB# 0	VL	NT	-4.86	- 0.00278 5	±2.5	PASS
Band6	20MHz	16QAM	13232	100RB#	VN	NT	-3.16	-	±2.5	PASS

6			2	0				0.00181 1		
Band6 6	20MHz	16QAM	13232 2	100RB# 0	VH	NT	-5.39	- 0.00308 9	±2.5	PASS

Frequency Error vs. Temperature:

GSM:

Band	Channel	Voltage [Vdc]	Temperature				
			Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	-0.58	-0.000704	±2.5	PASS
GSM850	128	NV	-20	0.39	0.000473	±2.5	PASS
GSM850	128	NV	-10	-1.58	-0.001917	±2.5	PASS
GSM850	128	NV	0	-3.20	-0.003883	±2.5	PASS
GSM850	128	NV	10	0.16	0.000194	±2.5	PASS
GSM850	128	NV	20	-3.00	-0.003640	±2.5	PASS
GSM850	128	NV	30	-2.74	-0.003324	±2.5	PASS
GSM850	128	NV	40	-2.36	-0.002863	±2.5	PASS
GSM850	128	NV	50	-2.49	-0.003021	±2.5	PASS
GSM850	190	NV	-30	-2.97	-0.003550	±2.5	PASS
GSM850	190	NV	-20	0.52	0.000622	±2.5	PASS
GSM850	190	NV	-10	1.78	0.002128	±2.5	PASS
GSM850	190	NV	0	-0.81	-0.000968	±2.5	PASS
GSM850	190	NV	10	-1.13	-0.001351	±2.5	PASS
GSM850	190	NV	20	-4.78	-0.005714	±2.5	PASS
GSM850	190	NV	30	-6.39	-0.007638	±2.5	PASS
GSM850	190	NV	40	1.32	0.001578	±2.5	PASS
GSM850	190	NV	50	0.06	0.000072	±2.5	PASS
GSM850	251	NV	-30	-4.71	-0.005549	±2.5	PASS
GSM850	251	NV	-20	-1.52	-0.001791	±2.5	PASS
GSM850	251	NV	-10	-3.03	-0.003570	±2.5	PASS
GSM850	251	NV	0	-2.81	-0.003311	±2.5	PASS
GSM850	251	NV	10	-2.97	-0.003499	±2.5	PASS
GSM850	251	NV	20	-7.43	-0.008754	±2.5	PASS
GSM850	251	NV	30	-5.29	-0.006232	±2.5	PASS
GSM850	251	NV	40	-6.33	-0.007458	±2.5	PASS
GSM850	251	NV	50	-1.07	-0.001261	±2.5	PASS
GPRS850	128	NV	-30	14.01	0.016998	±2.5	PASS
GPRS850	128	NV	-20	13.88	0.016841	±2.5	PASS
GPRS850	128	NV	-10	12.49	0.015154	±2.5	PASS
GPRS850	128	NV	0	12.75	0.015470	±2.5	PASS
GPRS850	128	NV	10	12.43	0.015081	±2.5	PASS
GPRS850	128	NV	20	14.37	0.017435	±2.5	PASS
GPRS850	128	NV	30	12.79	0.015518	±2.5	PASS
GPRS850	128	NV	40	12.75	0.015470	±2.5	PASS
GPRS850	128	NV	50	12.69	0.015397	±2.5	PASS
GPRS850	190	NV	-30	13.33	0.015934	±2.5	PASS
GPRS850	190	NV	-20	12.66	0.015133	±2.5	PASS
GPRS850	190	NV	-10	13.30	0.015898	±2.5	PASS
GPRS850	190	NV	0	10.72	0.012814	±2.5	PASS
GPRS850	190	NV	10	12.82	0.015324	±2.5	PASS
GPRS850	190	NV	20	12.37	0.014786	±2.5	PASS
GPRS850	190	NV	30	11.49	0.013734	±2.5	PASS
GPRS850	190	NV	40	11.82	0.014129	±2.5	PASS

GPRS850	190	NV	50	12.46	0.014894	±2.5	PASS
GPRS850	251	NV	-30	9.14	0.010768	±2.5	PASS
GPRS850	251	NV	-20	9.62	0.011334	±2.5	PASS
GPRS850	251	NV	-10	12.85	0.015139	±2.5	PASS
GPRS850	251	NV	0	12.37	0.014574	±2.5	PASS
GPRS850	251	NV	10	9.91	0.011675	±2.5	PASS
GPRS850	251	NV	20	9.85	0.011605	±2.5	PASS
GPRS850	251	NV	30	11.43	0.013466	±2.5	PASS
GPRS850	251	NV	40	9.49	0.011180	±2.5	PASS
GPRS850	251	NV	50	8.85	0.010426	±2.5	PASS
EGPRS850	128	NV	-30	19.44	0.023587	±2.5	PASS
EGPRS850	128	NV	-20	20.31	0.024642	±2.5	PASS
EGPRS850	128	NV	-10	20.47	0.024836	±2.5	PASS
EGPRS850	128	NV	0	20.37	0.024715	±2.5	PASS
EGPRS850	128	NV	10	18.11	0.021973	±2.5	PASS
EGPRS850	128	NV	20	19.40	0.023538	±2.5	PASS
EGPRS850	128	NV	30	19.82	0.024048	±2.5	PASS
EGPRS850	128	NV	40	17.76	0.021548	±2.5	PASS
EGPRS850	128	NV	50	14.79	0.017945	±2.5	PASS
EGPRS850	190	NV	-30	18.14	0.021683	±2.5	PASS
EGPRS850	190	NV	-20	17.47	0.020882	±2.5	PASS
EGPRS850	190	NV	-10	18.24	0.021803	±2.5	PASS
EGPRS850	190	NV	0	18.66	0.022305	±2.5	PASS
EGPRS850	190	NV	10	19.02	0.022735	±2.5	PASS
EGPRS850	190	NV	20	17.63	0.021073	±2.5	PASS
EGPRS850	190	NV	30	16.98	0.020296	±2.5	PASS
EGPRS850	190	NV	40	18.56	0.022185	±2.5	PASS
EGPRS850	190	NV	50	18.76	0.022424	±2.5	PASS
EGPRS850	251	NV	-30	15.95	0.018791	±2.5	PASS
EGPRS850	251	NV	-20	18.76	0.022102	±2.5	PASS
EGPRS850	251	NV	-10	17.66	0.020806	±2.5	PASS
EGPRS850	251	NV	0	16.76	0.019746	±2.5	PASS
EGPRS850	251	NV	10	18.50	0.021795	±2.5	PASS
EGPRS850	251	NV	20	16.92	0.019934	±2.5	PASS
EGPRS850	251	NV	30	18.56	0.021866	±2.5	PASS
EGPRS850	251	NV	40	15.95	0.018791	±2.5	PASS
EGPRS850	251	NV	50	17.05	0.020087	±2.5	PASS
GSM1900	512	NV	-30	-10.43	-0.005637	±2.5	PASS
GSM1900	512	NV	-20	-12.98	-0.007015	±2.5	PASS
GSM1900	512	NV	-10	-11.98	-0.006475	±2.5	PASS
GSM1900	512	NV	0	-12.95	-0.006999	±2.5	PASS
GSM1900	512	NV	10	-14.08	-0.007610	±2.5	PASS
GSM1900	512	NV	20	-12.24	-0.006616	±2.5	PASS
GSM1900	512	NV	30	-14.92	-0.008064	±2.5	PASS
GSM1900	512	NV	40	-12.17	-0.006578	±2.5	PASS
GSM1900	512	NV	50	-13.20	-0.007134	±2.5	PASS
GSM1900	661	NV	-30	-12.79	-0.006803	±2.5	PASS
GSM1900	661	NV	-20	-11.24	-0.005979	±2.5	PASS
GSM1900	661	NV	-10	-14.46	-0.007691	±2.5	PASS
GSM1900	661	NV	0	-11.24	-0.005979	±2.5	PASS

GSM1900	661	NV	10	-13.17	-0.007005	±2.5	PASS
GSM1900	661	NV	20	-12.98	-0.006904	±2.5	PASS
GSM1900	661	NV	30	-10.65	-0.005665	±2.5	PASS
GSM1900	661	NV	40	-17.34	-0.009223	±2.5	PASS
GSM1900	661	NV	50	-17.27	-0.009186	±2.5	PASS
GSM1900	810	NV	-30	-13.79	-0.007221	±2.5	PASS
GSM1900	810	NV	-20	-15.37	-0.008048	±2.5	PASS
GSM1900	810	NV	-10	-16.01	-0.008383	±2.5	PASS
GSM1900	810	NV	0	-12.40	-0.006493	±2.5	PASS
GSM1900	810	NV	10	-12.11	-0.006341	±2.5	PASS
GSM1900	810	NV	20	-14.56	-0.007624	±2.5	PASS
GSM1900	810	NV	30	-13.82	-0.007236	±2.5	PASS
GSM1900	810	NV	40	-20.92	-0.010954	±2.5	PASS
GSM1900	810	NV	50	-13.98	-0.007320	±2.5	PASS
GPRS1900	512	NV	-30	3.10	0.001675	±2.5	PASS
GPRS1900	512	NV	-20	3.87	0.002092	±2.5	PASS
GPRS1900	512	NV	-10	4.81	0.002600	±2.5	PASS
GPRS1900	512	NV	0	6.01	0.003248	±2.5	PASS
GPRS1900	512	NV	10	2.45	0.001324	±2.5	PASS
GPRS1900	512	NV	20	3.65	0.001973	±2.5	PASS
GPRS1900	512	NV	30	5.13	0.002773	±2.5	PASS
GPRS1900	512	NV	40	2.65	0.001432	±2.5	PASS
GPRS1900	512	NV	50	5.49	0.002967	±2.5	PASS
GPRS1900	661	NV	-30	3.62	0.001926	±2.5	PASS
GPRS1900	661	NV	-20	3.39	0.001803	±2.5	PASS
GPRS1900	661	NV	-10	2.32	0.001234	±2.5	PASS
GPRS1900	661	NV	0	2.29	0.001218	±2.5	PASS
GPRS1900	661	NV	10	0.23	0.000122	±2.5	PASS
GPRS1900	661	NV	20	0.26	0.000138	±2.5	PASS
GPRS1900	661	NV	30	-0.97	-0.000516	±2.5	PASS
GPRS1900	661	NV	40	-0.45	-0.000239	±2.5	PASS
GPRS1900	661	NV	50	2.84	0.001511	±2.5	PASS
GPRS1900	810	NV	-30	-5.29	-0.002770	±2.5	PASS
GPRS1900	810	NV	-20	-3.23	-0.001691	±2.5	PASS
GPRS1900	810	NV	-10	-1.26	-0.000660	±2.5	PASS
GPRS1900	810	NV	0	0.39	0.000204	±2.5	PASS
GPRS1900	810	NV	10	-0.90	-0.000471	±2.5	PASS
GPRS1900	810	NV	20	-1.52	-0.000796	±2.5	PASS
GPRS1900	810	NV	30	0.16	0.000084	±2.5	PASS
GPRS1900	810	NV	40	-2.42	-0.001267	±2.5	PASS
GPRS1900	810	NV	50	-3.91	-0.002047	±2.5	PASS
EGPRS1900	512	NV	-30	11.69	0.006318	±2.5	PASS
EGPRS1900	512	NV	-20	7.72	0.004173	±2.5	PASS
EGPRS1900	512	NV	-10	10.23	0.005529	±2.5	PASS
EGPRS1900	512	NV	0	9.27	0.005010	±2.5	PASS
EGPRS1900	512	NV	10	7.23	0.003908	±2.5	PASS
EGPRS1900	512	NV	20	7.81	0.004221	±2.5	PASS
EGPRS1900	512	NV	30	7.39	0.003994	±2.5	PASS
EGPRS1900	512	NV	40	8.10	0.004378	±2.5	PASS
EGPRS1900	512	NV	50	5.91	0.003194	±2.5	PASS

EGPRS1900	661	NV	-30	3.33	0.001771	±2.5	PASS
EGPRS1900	661	NV	-20	4.52	0.002404	±2.5	PASS
EGPRS1900	661	NV	-10	6.13	0.003261	±2.5	PASS
EGPRS1900	661	NV	0	6.52	0.003468	±2.5	PASS
EGPRS1900	661	NV	10	6.13	0.003261	±2.5	PASS
EGPRS1900	661	NV	20	3.23	0.001718	±2.5	PASS
EGPRS1900	661	NV	30	5.49	0.002920	±2.5	PASS
EGPRS1900	661	NV	40	4.78	0.002543	±2.5	PASS
EGPRS1900	661	NV	50	2.13	0.001133	±2.5	PASS
EGPRS1900	810	NV	-30	-1.19	-0.000623	±2.5	PASS
EGPRS1900	810	NV	-20	-1.19	-0.000623	±2.5	PASS
EGPRS1900	810	NV	-10	3.68	0.001927	±2.5	PASS
EGPRS1900	810	NV	0	2.45	0.001283	±2.5	PASS
EGPRS1900	810	NV	10	1.97	0.001032	±2.5	PASS
EGPRS1900	810	NV	20	-1.55	-0.000812	±2.5	PASS
EGPRS1900	810	NV	30	-1.39	-0.000728	±2.5	PASS
EGPRS1900	810	NV	40	2.42	0.001267	±2.5	PASS
EGPRS1900	810	NV	50	2.00	0.001047	±2.5	PASS

WCDMA:

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	1.50	0.000810	±2.5	PASS
Band2	9262	NV	-20	1.85	0.000999	±2.5	PASS
Band2	9262	NV	0	1.89	0.001020	±2.5	PASS
Band2	9262	NV	10	1.87	0.001010	±2.5	PASS
Band2	9262	NV	20	1.79	0.000966	±2.5	PASS
Band2	9262	NV	30	2.07	0.001117	±2.5	PASS
Band2	9262	NV	40	2.20	0.001188	±2.5	PASS
Band2	9262	NV	50	2.13	0.001150	±2.5	PASS
Band2	9400	NV	-30	-1.04	-0.000553	±2.5	PASS
Band2	9400	NV	-20	-0.84	-0.000447	±2.5	PASS
Band2	9400	NV	0	-0.62	-0.000330	±2.5	PASS
Band2	9400	NV	10	-0.73	-0.000388	±2.5	PASS
Band2	9400	NV	20	-0.30	-0.000160	±2.5	PASS
Band2	9400	NV	30	-0.87	-0.000463	±2.5	PASS
Band2	9400	NV	40	-0.71	-0.000378	±2.5	PASS
Band2	9400	NV	50	-0.71	-0.000378	±2.5	PASS
Band2	9538	NV	-30	-3.55	-0.001861	±2.5	PASS
Band2	9538	NV	-20	-3.93	-0.002060	±2.5	PASS
Band2	9538	NV	0	-3.67	-0.001924	±2.5	PASS
Band2	9538	NV	10	-4.08	-0.002139	±2.5	PASS
Band2	9538	NV	20	-3.81	-0.001997	±2.5	PASS
Band2	9538	NV	30	-3.54	-0.001856	±2.5	PASS
Band2	9538	NV	40	-3.70	-0.001940	±2.5	PASS
Band2	9538	NV	50	-3.86	-0.002023	±2.5	PASS
Band4	1312	NV	-30	10.09	0.005892	±2.5	PASS

Band4	1312	NV	-20	10.33	0.006032	±2.5	PASS
Band4	1312	NV	0	10.26	0.005992	±2.5	PASS
Band4	1312	NV	10	10.37	0.006056	±2.5	PASS
Band4	1312	NV	20	10.23	0.005974	±2.5	PASS
Band4	1312	NV	30	10.73	0.006266	±2.5	PASS
Band4	1312	NV	40	10.36	0.006050	±2.5	PASS
Band4	1312	NV	50	10.49	0.006126	±2.5	PASS
Band4	1413	NV	-30	0.01	0.000006	±2.5	PASS
Band4	1413	NV	-20	0.08	0.000046	±2.5	PASS
Band4	1413	NV	0	0.20	0.000115	±2.5	PASS
Band4	1413	NV	10	0.18	0.000104	±2.5	PASS
Band4	1413	NV	20	-0.01	-0.000006	±2.5	PASS
Band4	1413	NV	30	-0.16	-0.000092	±2.5	PASS
Band4	1413	NV	40	0.20	0.000115	±2.5	PASS
Band4	1413	NV	50	-0.05	-0.000029	±2.5	PASS
Band4	1513	NV	-30	-8.75	-0.004993	±2.5	PASS
Band4	1513	NV	-20	-8.71	-0.004970	±2.5	PASS
Band4	1513	NV	0	-8.88	-0.005067	±2.5	PASS
Band4	1513	NV	10	-9.21	-0.005255	±2.5	PASS
Band4	1513	NV	20	-8.87	-0.005061	±2.5	PASS
Band4	1513	NV	30	-8.78	-0.005010	±2.5	PASS
Band4	1513	NV	40	-8.82	-0.005033	±2.5	PASS
Band4	1513	NV	50	-8.72	-0.004975	±2.5	PASS
Band5	4132	NV	-30	1.04	0.001258	±2.5	PASS
Band5	4132	NV	-20	1.26	0.001525	±2.5	PASS
Band5	4132	NV	0	1.04	0.001258	±2.5	PASS
Band5	4132	NV	10	1.03	0.001246	±2.5	PASS
Band5	4132	NV	20	1.14	0.001379	±2.5	PASS
Band5	4132	NV	30	1.11	0.001343	±2.5	PASS
Band5	4132	NV	40	1.12	0.001355	±2.5	PASS
Band5	4132	NV	50	1.13	0.001367	±2.5	PASS
Band5	4182	NV	-30	0.12	0.000143	±2.5	PASS
Band5	4182	NV	-20	0.06	0.000072	±2.5	PASS
Band5	4182	NV	0	0.11	0.000132	±2.5	PASS
Band5	4182	NV	10	0.04	0.000048	±2.5	PASS
Band5	4182	NV	20	0.01	0.000012	±2.5	PASS
Band5	4182	NV	30	0.06	0.000072	±2.5	PASS
Band5	4182	NV	40	0.04	0.000048	±2.5	PASS
Band5	4182	NV	50	0.17	0.000203	±2.5	PASS
Band5	4233	NV	-30	-1.00	-0.001181	±2.5	PASS
Band5	4233	NV	-20	-0.97	-0.001146	±2.5	PASS
Band5	4233	NV	0	-0.78	-0.000921	±2.5	PASS
Band5	4233	NV	10	-0.97	-0.001146	±2.5	PASS
Band5	4233	NV	20	-0.97	-0.001146	±2.5	PASS
Band5	4233	NV	30	-0.84	-0.000992	±2.5	PASS
Band5	4233	NV	40	-1.06	-0.001252	±2.5	PASS
Band5	4233	NV	50	-1.01	-0.001193	±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	- 0.008543	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	- 0.008931	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	- 0.010181	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	- 0.008149	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	- 0.008824	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	- 0.008149	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	- 0.008101	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	- 0.006293	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	- 0.004963	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	- 0.004218	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	- 0.003670	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	- 0.003378	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	- 0.004218	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	- 0.002617	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	- 0.003654	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	- 0.002335	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	- 0.003798	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	- 0.001559	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	- 0.001665	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	- 0.002548	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	- 0.002191	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	- 0.001638	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	- 0.002266	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	- 0.003447	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	- 0.001165	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	- 0.001532	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	-	±2.5	PASS

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Band2	3MHz	16QAM	18900	15RB#0	NV	10	- 0.002266	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	- 0.002330	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	- 0.004330	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	- 0.004160	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	50	- 0.003059	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	- 0.002069	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	- 0.002617	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	0.001293	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	0.002463	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	- 0.003080	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	- 0.001702	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	0.001729	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	0.001293	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	- 0.001117	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	- 0.003910	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	- 0.003745	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	- 0.002170	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	0.002830	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	0.001718	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	- 0.001888	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	0.001223	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	- 0.003394	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	- 0.003144	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	- 0.002846	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	- 0.003835	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	- 0.003356	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	- 0.002543	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	- 0.003638	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	- 0.002436	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	- 0.003548	±2.5	PASS

Band2	10MHz	16QAM	18900	50RB#0	NV	-20	- 0.002947	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	- 0.002989	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	- 0.002346	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	- 0.002628	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	- 0.002809	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	- 0.000957	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	50	- 0.003021	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	- 0.002899	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	- 0.002878	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	- 0.001856	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	- 0.002952	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	- 0.002559	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	30	- 0.002197	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	40	- 0.003021	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	50	- 0.001798	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	- 0.003000	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	- 0.002261	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	- 0.003888	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	- 0.003670	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	- 0.002633	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	30	- 0.002601	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	40	- 0.002090	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	50	- 0.002681	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	- 0.003037	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	- 0.001676	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	- 0.003479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	- 0.002798	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-	±2.5	PASS

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Band2	20MHz	QPSK	18900	100RB#0	NV	30	- 0.003213	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	- 0.003947	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	- 0.003186	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	- 0.001984	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	- 0.002574	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	- 0.002830	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	- 0.002739	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	- 0.003080	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	- 0.002000	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	- 0.002176	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	- 0.001521	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	0.007267	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	0.005968	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	0.003457	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	0.002361	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	0.003890	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	0.002569	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	0.002361	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	0.003937	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	- 0.001253	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	0.003302	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	- 0.003111	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	- 0.002511	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	- 0.001709	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	- 0.001570	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	- 0.002707	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	- 0.002569	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	0.002915	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	0.002228	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	0.002124	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	0.004087	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	0.002551	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	0.001501	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	0.002857	±2.5	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	50	0.002701	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	0.002632	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	0.001460	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	0.002661	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	0.003111	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	0.002644	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	0.003048	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	0.003861	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	0.003354	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	- 0.008652	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	- 0.008133	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	- 0.008958	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	0.002632	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	- 0.009495	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	- 0.008519	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	0.003584	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	- 0.008999	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	0.002632	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	0.001922	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	- 0.009628	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	0.003296	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	- 0.009893	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	0.002690	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	0.001801	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	0.002857	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	0.001899	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	- 0.001789	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	0.002199	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	- 0.002799	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	0.002719	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	- 0.000802	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	0.002967	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	0.002170	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	0.003105	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	0.002280	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	0.001743	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	0.002649	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	- 0.001472	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	0.001518	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	0.001691	±2.5	PASS

Band4	10MHz	16QAM	20175	50RB#0	NV	50	0.002759	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	0.001916	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	- 0.002124	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	0.002280	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	0.001951	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	0.002049	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	0.002032	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	0.001818	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	0.001668	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	- 0.001899	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	- 0.002661	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	0.002165	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	0.001974	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	0.001732	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	0.001253	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	- 0.001229	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	0.002476	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	0.002263	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.002089	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.001957	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	0.002528	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	0.001437	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	- 0.001835	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.001633	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	0.001628	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	- 0.002170	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	0.002338	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	0.002967	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	0.002297	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	0.001703	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	0.002113	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	0.001437	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	0.002107	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	- 0.005750	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	- 0.004065	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	- 0.003802	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	- 0.006790	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	- 0.004208	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	- 0.003646	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-	±2.5	PASS

							0.004722		
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	- 0.006049	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	0.005882	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	0.003945	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	- 0.005439	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	- 0.003742	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	- 0.003108	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	- 0.005439	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	- 0.007197	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	- 0.003646	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	0.005332	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	0.002750	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	0.004065	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	0.005320	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	0.003048	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	0.004722	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	0.002809	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	0.002391	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	0.002809	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	0.004818	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	0.004937	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	0.004734	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	0.005212	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	0.004614	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	0.003730	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	0.004053	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	0.002929	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	0.002379	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	0.004053	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	0.003025	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	- 0.010293	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	0.003527	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	0.003060	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	0.003730	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	0.002379	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	0.003335	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	0.003072	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	0.003622	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	0.003335	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	0.004889	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	0.004925	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	0.005212	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-	±2.5	PASS

							0.001590		
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	- 0.001781	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	0.003694	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.001781	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	- 0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	0.001482	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	- 0.004794	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	- 0.002582	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	0.002941	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	0.002821	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	0.001793	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	0.002905	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	0.002331	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	0.003371	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	- 0.002140	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	- 0.002475	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	0.002367	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	- 0.000552	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	0.003353	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	- 0.000947	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	- 0.000750	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	0.000828	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	- 0.001775	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	- 0.002761	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	0.000868	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	- 0.000828	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	- 0.000434	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	- 0.000276	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	- 0.000592	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	0.001736	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	- 0.001460	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	- 0.000947	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	- 0.002252	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	- 0.002110	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-	±2.5	PASS