

Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50°C)	NV	6.48	0.00775	PASS
	Extreme (40°C)		7.01	0.00838	PASS
	Extreme (30°C)		13.07	0.01563	PASS
	Extreme (20°C)		4.01	0.00480	PASS
	Extreme (10°C)		2.83	0.00338	PASS
	Extreme (0°C)		2.23	0.00267	PASS
	Extreme (-10°C)		11.50	0.01375	PASS
	Extreme (-20°C)		13.12	0.01569	PASS
	Extreme (-30°C)		5.09	0.00608	PASS
	25°C	LV	14.29	0.01708	PASS
		HV	7.71	0.00921	PASS
WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	12.04	0.01439	PASS
	Extreme (40°C)		10.92	0.01305	PASS
	Extreme (30°C)		17.00	0.02032	PASS
	Extreme (20°C)		7.90	0.00944	PASS
	Extreme (10°C)		10.97	0.01312	PASS
	Extreme (0°C)		2.72	0.00325	PASS
	Extreme (-10°C)		1.78	0.00213	PASS
	Extreme (-20°C)		14.35	0.01715	PASS
	Extreme (-30°C)		8.61	0.01029	PASS
	25°C	LV	12.66	0.01513	PASS
		HV	16.71	0.01998	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.95	0.00234	PASS
	Extreme (40°C)		12.98	0.01551	PASS
	Extreme (30°C)		6.78	0.00810	PASS
	Extreme (20°C)		11.25	0.01345	PASS
	Extreme (10°C)		15.83	0.01893	PASS
	Extreme (0°C)		13.82	0.01652	PASS
	Extreme (-10°C)		11.79	0.01409	PASS
	Extreme (-20°C)		15.15	0.01811	PASS
	Extreme (-30°C)		13.96	0.01669	PASS
	25°C	LV	12.04	0.01439	PASS
		HV	13.46	0.01609	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.60	0.00909	PASS
	Extreme (40°C)		9.33	0.01115	PASS
	Extreme (30°C)		16.29	0.01947	PASS
	Extreme (20°C)		8.33	0.00996	PASS
	Extreme (10°C)		16.60	0.01984	PASS
	Extreme (0°C)		1.18	0.00141	PASS
	Extreme (-10°C)		14.41	0.01723	PASS
	Extreme (-20°C)		2.56	0.00306	PASS
	Extreme (-30°C)		4.47	0.00534	PASS
	25°C	LV	1.08	0.00129	PASS
		HV	13.37	0.01599	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	12.38	0.01480	PASS
	Extreme (40°C)		6.67	0.00797	PASS
	Extreme (30°C)		12.17	0.01455	PASS
	Extreme (20°C)		1.78	0.00213	PASS
	Extreme (10°C)		5.72	0.00684	PASS

	Extreme (0°C)		13.88	0.01659	PASS
	Extreme (-10°C)		5.52	0.00660	PASS
	Extreme (-20°C)		1.79	0.00214	PASS
	Extreme (-30°C)		10.97	0.01312	PASS
	25°C	LV	4.02	0.00481	PASS
		HV	12.50	0.01495	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	4.49	0.00536	PASS
	Extreme (40°C)		2.96	0.00354	PASS
	Extreme (30°C)		5.32	0.00636	PASS
	Extreme (20°C)		2.06	0.00247	PASS
	Extreme (10°C)		8.11	0.00969	PASS
	Extreme (0°C)		6.76	0.00808	PASS
	Extreme (-10°C)		13.81	0.01651	PASS
	Extreme (-20°C)		16.14	0.01929	PASS
	Extreme (-30°C)		13.66	0.01633	PASS
	25°C	LV	8.69	0.01039	PASS
		HV	13.86	0.01657	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.17	0.00738	PASS
	Extreme (40°C)		6.32	0.00756	PASS
	Extreme (30°C)		16.74	0.02001	PASS
	Extreme (20°C)		10.12	0.01210	PASS
	Extreme (10°C)		12.88	0.01539	PASS
	Extreme (0°C)		7.89	0.00943	PASS
	Extreme (-10°C)		17.14	0.02048	PASS
	Extreme (-20°C)		6.18	0.00738	PASS
	Extreme (-30°C)		4.88	0.00583	PASS
	25°C	LV	5.46	0.00653	PASS
		HV	7.69	0.00919	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme (50°C)	NV	10.63	0.01270	PASS
	Extreme (40°C)		11.66	0.01394	PASS
	Extreme (30°C)		12.10	0.01447	PASS
	Extreme (20°C)		7.56	0.00904	PASS
	Extreme (10°C)		5.57	0.00666	PASS
	Extreme (0°C)		9.16	0.01095	PASS
	Extreme (-10°C)		14.75	0.01763	PASS
	Extreme (-20°C)		7.35	0.00879	PASS
	Extreme (-30°C)		14.47	0.01730	PASS
	25°C	LV	9.27	0.01108	PASS
		HV	5.81	0.00695	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	16.85	0.02015	PASS
	Extreme (40°C)		3.25	0.00389	PASS
	Extreme (30°C)		5.86	0.00700	PASS
	Extreme (20°C)		4.97	0.00594	PASS
	Extreme (10°C)		4.85	0.00579	PASS
	Extreme (0°C)		9.54	0.01140	PASS
	Extreme (-10°C)		9.63	0.01151	PASS
	Extreme (-20°C)		14.64	0.01750	PASS
	Extreme (-30°C)		16.55	0.01978	PASS
	25°C	LV	11.52	0.01378	PASS
		HV	4.48	0.00536	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.32	0.01592	PASS
	Extreme (40°C)		17.98	0.02149	PASS
	Extreme (30°C)		14.84	0.01774	PASS
	Extreme (20°C)		15.97	0.01909	PASS
	Extreme (10°C)		5.66	0.00676	PASS
	Extreme (0°C)		12.69	0.01517	PASS
	Extreme (-10°C)		14.90	0.01782	PASS
	Extreme (-20°C)		16.18	0.01934	PASS
	Extreme (-30°C)		15.34	0.01834	PASS
	25°C	LV	15.56	0.01860	PASS
		HV	3.33	0.00398	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	13.62	0.01628	PASS
	Extreme (40°C)		16.94	0.02025	PASS
	Extreme (30°C)		6.82	0.00815	PASS
	Extreme (20°C)		5.06	0.00605	PASS
	Extreme (10°C)		6.21	0.00743	PASS
	Extreme (0°C)		6.24	0.00747	PASS
	Extreme (-10°C)		13.23	0.01582	PASS
	Extreme (-20°C)		6.07	0.00726	PASS
	Extreme (-30°C)		10.53	0.01259	PASS
	25°C	LV	16.93	0.02023	PASS
		HV	3.94	0.00471	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	16.24	0.01983	PASS
	Extreme (40°C)		8.85	0.01081	PASS
	Extreme (30°C)		17.75	0.02167	PASS
	Extreme (20°C)		10.99	0.01341	PASS
	Extreme (10°C)		14.11	0.01723	PASS
	Extreme (0°C)		6.04	0.00738	PASS
	Extreme (-10°C)		6.08	0.00742	PASS
	Extreme (-20°C)		13.80	0.01685	PASS
	Extreme (-30°C)		15.24	0.01861	PASS
	25°C	LV	1.60	0.00195	PASS
		HV	13.96	0.01705	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	11.08	0.01353	PASS
	Extreme (40°C)		10.26	0.01253	PASS
	Extreme (30°C)		10.47	0.01278	PASS
	Extreme (20°C)		4.36	0.00533	PASS
	Extreme (10°C)		6.47	0.00790	PASS
	Extreme (0°C)		15.55	0.01898	PASS

	Extreme (-10°C)		14.85	0.01813	PASS
	Extreme (-20°C)		13.40	0.01636	PASS
	Extreme (-30°C)		2.93	0.00358	PASS
	25°C	LV	4.33	0.00528	PASS
		HV	15.85	0.01935	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.65	0.01178	PASS
	Extreme (40°C)		7.18	0.00877	PASS
	Extreme (30°C)		13.28	0.01621	PASS
	Extreme (20°C)		3.88	0.00474	PASS
	Extreme (10°C)		10.37	0.01266	PASS
	Extreme (0°C)		9.24	0.01128	PASS
	Extreme (-10°C)		1.76	0.00215	PASS
	Extreme (-20°C)		3.58	0.00438	PASS
	Extreme (-30°C)		12.54	0.01531	PASS
	25°C	LV	8.96	0.01094	PASS
		HV	12.22	0.01493	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.88	0.01207	PASS
	Extreme (40°C)		7.59	0.00927	PASS
	Extreme (30°C)		2.04	0.00249	PASS
	Extreme (20°C)		6.72	0.00820	PASS
	Extreme (10°C)		6.36	0.00777	PASS
	Extreme (0°C)		10.38	0.01268	PASS
	Extreme (-10°C)		17.79	0.02172	PASS
	Extreme (-20°C)		12.03	0.01469	PASS
	Extreme (-30°C)		12.80	0.01563	PASS
	25°C	LV	16.96	0.02071	PASS
		HV	5.80	0.00708	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	BANDWIDTH	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.075	1850.325	1850-1910	PASS
	Extreme (40°C)		1850.076	1850.324	1850-1910	PASS
	Extreme (30°C)		1850.073	1850.327	1850-1910	PASS
	Extreme (20°C)		1850.069	1850.331	1850-1910	PASS
	Extreme (10°C)		1850.064	1850.336	1850-1910	PASS
	Extreme (0°C)		1850.070	1850.330	1850-1910	PASS
	Extreme (-10°C)		1850.071	1850.329	1850-1910	PASS
	Extreme (-20°C)		1850.061	1850.339	1850-1910	PASS
	Extreme (-30°C)		1850.073	1850.327	1850-1910	PASS
	25°C	LV	1850.060	1850.340	1850-1910	PASS
		HV	1850.080	1850.320	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.8	BANDWIDTH	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1909.674	1909.926	1850-1910	PASS
	Extreme (40°C)		1909.676	1909.924	1850-1910	PASS
	Extreme (30°C)		1909.666	1909.934	1850-1910	PASS
	Extreme (20°C)		1909.673	1909.927	1850-1910	PASS
	Extreme (10°C)		1909.664	1909.936	1850-1910	PASS
	Extreme (0°C)		1909.664	1909.936	1850-1910	PASS
	Extreme (-10°C)		1909.664	1909.936	1850-1910	PASS
	Extreme (-20°C)		1909.667	1909.933	1850-1910	PASS
	Extreme (-30°C)		1909.680	1909.920	1850-1910	PASS
	25°C	LV	1909.671	1909.929	1850-1910	PASS
		HV	1909.671	1909.929	1850-1910	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.324	1854.476	1850-1910	PASS
	Extreme (40°C)		1850.330	1854.470	1850-1910	PASS
	Extreme (30°C)		1850.325	1854.475	1850-1910	PASS
	Extreme (20°C)		1850.315	1854.485	1850-1910	PASS

	Extreme (10°C)	LV	1850.317	1854.483	1850-1910	PASS
	Extreme (0°C)		1850.320	1854.480	1850-1910	PASS
	Extreme (-10°C)		1850.321	1854.479	1850-1910	PASS
	Extreme (-20°C)		1850.318	1854.482	1850-1910	PASS
	Extreme (-30°C)		1850.324	1854.476	1850-1910	PASS
	25°C	HV	1850.325	1854.475	1850-1910	PASS
		HV	1850.326	1854.474	1850-1910	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.520	1909.680	1850-1910	PASS
	Extreme (40°C)		1905.525	1909.675	1850-1910	PASS
	Extreme (30°C)		1905.523	1909.677	1850-1910	PASS
	Extreme (20°C)		1905.520	1909.680	1850-1910	PASS
	Extreme (10°C)		1905.522	1909.678	1850-1910	PASS
	Extreme (0°C)		1905.525	1909.675	1850-1910	PASS
	Extreme (-10°C)		1905.517	1909.683	1850-1910	PASS
	Extreme (-20°C)		1905.515	1909.685	1850-1910	PASS
	Extreme (-30°C)		1905.520	1909.680	1850-1910	PASS
	25°C	LV	1905.522	1909.678	1850-1910	PASS
		HV	1905.526	1909.674	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.324	1714.476	1710-1755	PASS
	Extreme (40°C)		1710.318	1714.482	1710-1755	PASS
	Extreme (30°C)		1710.316	1714.484	1710-1755	PASS
	Extreme (20°C)		1710.315	1714.485	1710-1755	PASS
	Extreme (10°C)		1710.317	1714.483	1710-1755	PASS
	Extreme (0°C)		1710.319	1714.481	1710-1755	PASS
	Extreme (-10°C)		1710.320	1714.480	1710-1755	PASS
	Extreme (-20°C)		1710.323	1714.477	1710-1755	PASS
	Extreme (-30°C)		1710.315	1714.485	1710-1755	PASS
	25°C	LV	1710.330	1714.470	1710-1755	PASS
		HV	1710.316	1714.484	1710-1755	PASS
WCDMA B4	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
1752.6	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1750.523	1754.677	1710-1755	PASS
	Extreme (40°C)		1750.520	1754.680	1710-1755	PASS
	Extreme (30°C)		1750.516	1754.684	1710-1755	PASS
	Extreme (20°C)		1750.528	1754.672	1710-1755	PASS
	Extreme (10°C)		1750.519	1754.681	1710-1755	PASS
	Extreme (0°C)		1750.521	1754.679	1710-1755	PASS
	Extreme (-10°C)		1750.526	1754.674	1710-1755	PASS
	Extreme (-20°C)		1750.517	1754.683	1710-1755	PASS
	Extreme (-30°C)		1750.523	1754.677	1710-1755	PASS
	25°C	LV	1750.516	1754.684	1710-1755	PASS
		HV	1750.517	1754.683	1710-1755	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.150	1851.250	1850-1910	PASS
	Extreme (40°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (30°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (20°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (10°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (0°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (-10°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (-20°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (-30°C)		1850.146	1851.254	1850-1910	PASS
	25°C	LV	1850.147	1851.253	1850-1910	PASS
		HV	1850.148	1851.252	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.145	1852.855	1850-1910	PASS
	Extreme (40°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (30°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (20°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (10°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (0°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (-10°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (-20°C)		1850.145	1852.855	1850-1910	PASS
	Extreme (-30°C)		1850.148	1852.852	1850-1910	PASS
	25°C	LV	1850.146	1852.854	1850-1910	PASS
		HV	1850.147	1852.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.230	1854.770	1850-1910	PASS
	Extreme (40°C)		1850.232	1854.768	1850-1910	PASS
	Extreme (30°C)		1850.257	1854.743	1850-1910	PASS
	Extreme (20°C)		1850.222	1854.778	1850-1910	PASS
	Extreme (10°C)		1850.227	1854.773	1850-1910	PASS

	Extreme (0℃)		1850.257	1854.743	1850-1910	PASS
	Extreme (-10℃)		1850.207	1854.793	1850-1910	PASS
	Extreme (-20℃)		1850.273	1854.727	1850-1910	PASS
	Extreme (-30℃)		1850.229	1854.771	1850-1910	PASS
	25℃	LV	1850.231	1854.769	1850-1910	PASS
		HV	1850.279	1854.721	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.512	1859.488	1850-1910	PASS
	Extreme (40℃)		1850.535	1859.465	1850-1910	PASS
	Extreme (30℃)		1850.590	1859.410	1850-1910	PASS
	Extreme (20℃)		1850.519	1859.481	1850-1910	PASS
	Extreme (10℃)		1850.595	1859.405	1850-1910	PASS
	Extreme (0℃)		1850.527	1859.473	1850-1910	PASS
	Extreme (-10℃)		1850.578	1859.422	1850-1910	PASS
	Extreme (-20℃)		1850.603	1859.397	1850-1910	PASS
	Extreme (-30℃)		1850.620	1859.380	1850-1910	PASS
	25℃	LV	1850.542	1859.458	1850-1910	PASS
		HV	1850.641	1859.359	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.755	1864.245	1850-1910	PASS
	Extreme (40℃)		1850.777	1864.223	1850-1910	PASS
	Extreme (30℃)		1850.775	1864.225	1850-1910	PASS
	Extreme (20℃)		1850.777	1864.223	1850-1910	PASS
	Extreme (10℃)		1850.777	1864.223	1850-1910	PASS
	Extreme (0℃)		1850.702	1864.298	1850-1910	PASS
	Extreme (-10℃)		1850.794	1864.206	1850-1910	PASS
	Extreme (-20℃)		1850.721	1864.279	1850-1910	PASS
	Extreme (-30℃)		1850.793	1864.207	1850-1910	PASS
	25℃	LV	1850.795	1864.205	1850-1910	PASS
		HV	1850.795	1864.205	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1851.031	1868.969	1850-1910	PASS

	Extreme (40°C)		1851.005	1868.995	1850-1910	PASS
	Extreme (30°C)		1851.015	1868.985	1850-1910	PASS
	Extreme (20°C)		1851.016	1868.984	1850-1910	PASS
	Extreme (10°C)		1851.040	1868.960	1850-1910	PASS
	Extreme (0°C)		1851.020	1868.980	1850-1910	PASS
	Extreme (-10°C)		1851.014	1868.986	1850-1910	PASS
	Extreme (-20°C)		1851.029	1868.971	1850-1910	PASS
	Extreme (-30°C)		1851.005	1868.995	1850-1910	PASS
	25°C	LV	1851.044	1868.956	1850-1910	PASS
		HV	1851.035	1868.965	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1908.747	1909.853	1850-1910	PASS
	Extreme (40°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (30°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (20°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (10°C)		1908.746	1909.854	1850-1910	PASS
	Extreme (0°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (-10°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (-20°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (-30°C)		1908.750	1909.850	1850-1910	PASS
	25°C	LV	1908.748	1909.852	1850-1910	PASS
		HV	1908.745	1909.855	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1907.150	1909.850	1850-1910	PASS
	Extreme (40°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (30°C)		1907.147	1909.853	1850-1910	PASS
	Extreme (20°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (10°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (0°C)		1907.145	1909.855	1850-1910	PASS
	Extreme (-10°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (-20°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (-30°C)		1907.150	1909.850	1850-1910	PASS
	25°C	LV	1907.145	1909.855	1850-1910	PASS
		HV	1907.150	1909.850	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1907.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.225	1909.775	1850-1910	PASS
	Extreme (40℃)		1905.276	1909.724	1850-1910	PASS
	Extreme (30℃)		1905.240	1909.760	1850-1910	PASS
	Extreme (20℃)		1905.227	1909.773	1850-1910	PASS
	Extreme (10℃)		1905.241	1909.759	1850-1910	PASS
	Extreme (0℃)		1905.289	1909.711	1850-1910	PASS
	Extreme (-10℃)		1905.271	1909.729	1850-1910	PASS
	Extreme (-20℃)		1905.233	1909.767	1850-1910	PASS
	Extreme (-30℃)		1905.298	1909.702	1850-1910	PASS
	25℃	LV	1905.248	1909.752	1850-1910	PASS
		HV	1905.231	1909.769	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1900.509	1909.491	1850-1910	PASS
	Extreme (40℃)		1900.598	1909.402	1850-1910	PASS
	Extreme (30℃)		1900.505	1909.495	1850-1910	PASS
	Extreme (20℃)		1900.518	1909.482	1850-1910	PASS
	Extreme (10℃)		1900.514	1909.486	1850-1910	PASS
	Extreme (0℃)		1900.532	1909.468	1850-1910	PASS
	Extreme (-10℃)		1900.573	1909.427	1850-1910	PASS
	Extreme (-20℃)		1900.634	1909.366	1850-1910	PASS
	Extreme (-30℃)		1900.571	1909.429	1850-1910	PASS
	25℃	LV	1900.587	1909.413	1850-1910	PASS
		HV	1900.596	1909.404	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1895.764	1909.236	1850-1910	PASS
	Extreme (40℃)		1895.740	1909.260	1850-1910	PASS
	Extreme (30℃)		1895.719	1909.281	1850-1910	PASS
	Extreme (20℃)		1895.750	1909.250	1850-1910	PASS
	Extreme (10℃)		1895.757	1909.243	1850-1910	PASS
	Extreme (0℃)		1895.750	1909.250	1850-1910	PASS
	Extreme (-10℃)		1895.743	1909.257	1850-1910	PASS
	Extreme (-20℃)		1895.743	1909.257	1850-1910	PASS
	Extreme (-30℃)		1895.797	1909.203	1850-1910	PASS

	25°C	LV	1895.792	1909.208	1850-1910	PASS
		HV	1895.745	1909.255	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1890.903	1909.097	1850-1910	PASS
	Extreme (40°C)		1890.939	1909.061	1850-1910	PASS
	Extreme (30°C)		1890.952	1909.048	1850-1910	PASS
	Extreme (20°C)		1890.905	1909.095	1850-1910	PASS
	Extreme (10°C)		1890.935	1909.065	1850-1910	PASS
	Extreme (0°C)		1890.938	1909.062	1850-1910	PASS
	Extreme (-10°C)		1890.999	1909.001	1850-1910	PASS
	Extreme (-20°C)		1890.964	1909.036	1850-1910	PASS
	Extreme (-30°C)		1890.998	1909.002	1850-1910	PASS
	25°C	LV	1890.971	1909.029	1850-1910	PASS
		HV	1890.934	1909.066	1850-1910	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.145	1711.255	1710-1755	PASS
	Extreme (40°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (30°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (20°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (10°C)		1710.145	1711.255	1710-1755	PASS
	Extreme (0°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (-10°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (-20°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (-30°C)		1710.145	1711.255	1710-1755	PASS
	25°C	LV	1710.150	1711.250	1710-1755	PASS
		HV	1710.146	1711.254	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.148	1712.852	1710-1755	PASS
	Extreme (40°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (30°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (20°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (10°C)		1710.146	1712.854	1710-1755	PASS

	Extreme (0°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (-10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-20°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-30°C)		1710.145	1712.855	1710-1755	PASS
	25°C	LV	1710.147	1712.853	1710-1755	PASS
		HV	1710.149	1712.851	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz			Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.246	1714.754	1710-1755	PASS
	Extreme (40°C)		1710.223	1714.777	1710-1755	PASS
	Extreme (30°C)		1710.283	1714.717	1710-1755	PASS
	Extreme (20°C)		1710.234	1714.766	1710-1755	PASS
	Extreme (10°C)		1710.269	1714.731	1710-1755	PASS
	Extreme (0°C)		1710.296	1714.704	1710-1755	PASS
	Extreme (-10°C)		1710.288	1714.712	1710-1755	PASS
	Extreme (-20°C)		1710.234	1714.766	1710-1755	PASS
	Extreme (-30°C)		1710.234	1714.766	1710-1755	PASS
	25°C	LV	1710.267	1714.733	1710-1755	PASS
		HV	1710.274	1714.726	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz			Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.541	1719.459	1710-1755	PASS
	Extreme (40°C)		1710.568	1719.432	1710-1755	PASS
	Extreme (30°C)		1710.602	1719.398	1710-1755	PASS
	Extreme (20°C)		1710.547	1719.453	1710-1755	PASS
	Extreme (10°C)		1710.630	1719.370	1710-1755	PASS
	Extreme (0°C)		1710.539	1719.461	1710-1755	PASS
	Extreme (-10°C)		1710.519	1719.481	1710-1755	PASS
	Extreme (-20°C)		1710.626	1719.374	1710-1755	PASS
	Extreme (-30°C)		1710.527	1719.473	1710-1755	PASS
	25°C	LV	1710.641	1719.359	1710-1755	PASS
		HV	1710.613	1719.387	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz			Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.735	1724.265	1710-1755	PASS

	Extreme (40°C)		1710.705	1724.295	1710-1755	PASS
	Extreme (30°C)		1710.749	1724.251	1710-1755	PASS
	Extreme (20°C)		1710.747	1724.253	1710-1755	PASS
	Extreme (10°C)		1710.756	1724.244	1710-1755	PASS
	Extreme (0°C)		1710.744	1724.256	1710-1755	PASS
	Extreme (-10°C)		1710.756	1724.244	1710-1755	PASS
	Extreme (-20°C)		1710.747	1724.253	1710-1755	PASS
	Extreme (-30°C)		1710.764	1724.236	1710-1755	PASS
	25°C	LV	1710.763	1724.237	1710-1755	PASS
		HV	1710.797	1724.203	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.049	1728.951	1710-1755	PASS
	Extreme (40°C)		1711.006	1728.994	1710-1755	PASS
	Extreme (30°C)		1711.011	1728.989	1710-1755	PASS
	Extreme (20°C)		1711.048	1728.952	1710-1755	PASS
	Extreme (10°C)		1711.046	1728.954	1710-1755	PASS
	Extreme (0°C)		1711.043	1728.957	1710-1755	PASS
	Extreme (-10°C)		1711.014	1728.986	1710-1755	PASS
	Extreme (-20°C)		1711.004	1728.996	1710-1755	PASS
	Extreme (-30°C)		1711.026	1728.974	1710-1755	PASS
	25°C	LV	1711.040	1728.960	1710-1755	PASS
		HV	1711.006	1728.994	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1753.748	1754.852	1710-1755	PASS
	Extreme (40°C)		1753.746	1754.854	1710-1755	PASS
	Extreme (30°C)		1753.750	1754.850	1710-1755	PASS
	Extreme (20°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (0°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (-10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-20°C)		1753.746	1754.854	1710-1755	PASS
	Extreme (-30°C)		1753.747	1754.853	1710-1755	PASS
	25°C	LV	1753.746	1754.854	1710-1755	PASS
		HV	1753.745	1754.855	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1753.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1752.147	1754.853	1710-1755	PASS
	Extreme (40°C)		1752.145	1754.855	1710-1755	PASS
	Extreme (30°C)		1752.145	1754.855	1710-1755	PASS
	Extreme (20°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (10°C)		1752.150	1754.850	1710-1755	PASS
	Extreme (0°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (-10°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (-20°C)		1752.150	1754.850	1710-1755	PASS
	Extreme (-30°C)		1752.146	1754.854	1710-1755	PASS
	25°C	LV	1752.145	1754.855	1710-1755	PASS
		HV	1752.146	1754.854	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1750.298	1754.702	1710-1755	PASS
	Extreme (40°C)		1750.228	1754.772	1710-1755	PASS
	Extreme (30°C)		1750.248	1754.752	1710-1755	PASS
	Extreme (20°C)		1750.210	1754.790	1710-1755	PASS
	Extreme (10°C)		1750.265	1754.735	1710-1755	PASS
	Extreme (0°C)		1750.265	1754.735	1710-1755	PASS
	Extreme (-10°C)		1750.275	1754.725	1710-1755	PASS
	Extreme (-20°C)		1750.261	1754.739	1710-1755	PASS
	Extreme (-30°C)		1750.226	1754.774	1710-1755	PASS
	25°C	LV	1750.253	1754.747	1710-1755	PASS
		HV	1750.261	1754.739	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1745.591	1754.409	1710-1755	PASS
	Extreme (40°C)		1745.560	1754.440	1710-1755	PASS
	Extreme (30°C)		1745.626	1754.374	1710-1755	PASS
	Extreme (20°C)		1745.576	1754.424	1710-1755	PASS
	Extreme (10°C)		1745.595	1754.405	1710-1755	PASS
	Extreme (0°C)		1745.633	1754.367	1710-1755	PASS
	Extreme (-10°C)		1745.522	1754.478	1710-1755	PASS
	Extreme (-20°C)		1745.634	1754.366	1710-1755	PASS
	Extreme (-30°C)		1745.520	1754.480	1710-1755	PASS

	25°C	LV	1745.555	1754.445	1710-1755	PASS
		HV	1745.523	1754.477	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1740.708	1754.292	1710-1755	PASS
	Extreme (40°C)		1740.755	1754.245	1710-1755	PASS
	Extreme (30°C)		1740.790	1754.210	1710-1755	PASS
	Extreme (20°C)		1740.717	1754.283	1710-1755	PASS
	Extreme (10°C)		1740.704	1754.296	1710-1755	PASS
	Extreme (0°C)		1740.743	1754.257	1710-1755	PASS
	Extreme (-10°C)		1740.763	1754.237	1710-1755	PASS
	Extreme (-20°C)		1740.718	1754.282	1710-1755	PASS
	Extreme (-30°C)		1740.704	1754.296	1710-1755	PASS
	25°C	LV	1740.796	1754.204	1710-1755	PASS
		HV	1740.720	1754.280	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1735.939	1754.061	1710-1755	PASS
	Extreme (40°C)		1735.995	1754.005	1710-1755	PASS
	Extreme (30°C)		1735.951	1754.049	1710-1755	PASS
	Extreme (20°C)		1735.938	1754.062	1710-1755	PASS
	Extreme (10°C)		1735.950	1754.050	1710-1755	PASS
	Extreme (0°C)		1735.921	1754.079	1710-1755	PASS
	Extreme (-10°C)		1735.985	1754.015	1710-1755	PASS
	Extreme (-20°C)		1735.971	1754.029	1710-1755	PASS
	Extreme (-30°C)		1735.985	1754.015	1710-1755	PASS
	25°C	LV	1735.959	1754.041	1710-1755	PASS
		HV	1735.967	1754.033	1710-1755	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2500.291	2504.709	2500-2570	PASS
	Extreme (40°C)		2500.270	2504.730	2500-2570	PASS
	Extreme (30°C)		2500.283	2504.717	2500-2570	PASS
	Extreme (20°C)		2500.229	2504.771	2500-2570	PASS
	Extreme (10°C)		2500.229	2504.771	2500-2570	PASS

	Extreme (0℃)		2500.272	2504.728	2500-2570	PASS
	Extreme (-10℃)		2500.238	2504.762	2500-2570	PASS
	Extreme (-20℃)		2500.210	2504.790	2500-2570	PASS
	Extreme (-30℃)		2500.251	2504.749	2500-2570	PASS
	25℃	LV	2500.299	2504.701	2500-2570	PASS
		HV	2500.210	2504.790	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2500.625	2509.375	2500-2570	PASS
	Extreme (40℃)		2500.561	2509.439	2500-2570	PASS
	Extreme (30℃)		2500.567	2509.433	2500-2570	PASS
	Extreme (20℃)		2500.511	2509.489	2500-2570	PASS
	Extreme (10℃)		2500.648	2509.352	2500-2570	PASS
	Extreme (0℃)		2500.557	2509.443	2500-2570	PASS
	Extreme (-10℃)		2500.593	2509.407	2500-2570	PASS
	Extreme (-20℃)		2500.588	2509.412	2500-2570	PASS
	Extreme (-30℃)		2500.635	2509.365	2500-2570	PASS
	25℃	LV	2500.594	2509.406	2500-2570	PASS
		HV	2500.614	2509.386	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2500.799	2514.201	2500-2570	PASS
	Extreme (40℃)		2500.726	2514.274	2500-2570	PASS
	Extreme (30℃)		2500.786	2514.214	2500-2570	PASS
	Extreme (20℃)		2500.709	2514.291	2500-2570	PASS
	Extreme (10℃)		2500.703	2514.297	2500-2570	PASS
	Extreme (0℃)		2500.799	2514.201	2500-2570	PASS
	Extreme (-10℃)		2500.752	2514.248	2500-2570	PASS
	Extreme (-20℃)		2500.718	2514.282	2500-2570	PASS
	Extreme (-30℃)		2500.714	2514.286	2500-2570	PASS
	25℃	LV	2500.709	2514.291	2500-2570	PASS
		HV	2500.774	2514.226	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2510	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2501.025	2518.975	2500-2570	PASS

	Extreme (40°C)		2501.014	2518.986	2500-2570	PASS
	Extreme (30°C)		2501.043	2518.957	2500-2570	PASS
	Extreme (20°C)		2501.001	2518.999	2500-2570	PASS
	Extreme (10°C)		2501.016	2518.984	2500-2570	PASS
	Extreme (0°C)		2501.049	2518.951	2500-2570	PASS
	Extreme (-10°C)		2501.010	2518.990	2500-2570	PASS
	Extreme (-20°C)		2501.014	2518.986	2500-2570	PASS
	Extreme (-30°C)		2501.012	2518.988	2500-2570	PASS
	25°C	LV	2501.014	2518.986	2500-2570	PASS
		HV	2501.021	2518.979	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2565.230	2569.770	2500-2570	PASS
	Extreme (40°C)		2565.231	2569.769	2500-2570	PASS
	Extreme (30°C)		2565.251	2569.749	2500-2570	PASS
	Extreme (20°C)		2565.208	2569.792	2500-2570	PASS
	Extreme (10°C)		2565.255	2569.745	2500-2570	PASS
	Extreme (0°C)		2565.284	2569.716	2500-2570	PASS
	Extreme (-10°C)		2565.280	2569.720	2500-2570	PASS
	Extreme (-20°C)		2565.287	2569.713	2500-2570	PASS
	Extreme (-30°C)		2565.210	2569.790	2500-2570	PASS
	25°C	LV	2565.218	2569.782	2500-2570	PASS
		HV	2565.285	2569.715	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2560.528	2569.472	2500-2570	PASS
	Extreme (40°C)		2560.559	2569.441	2500-2570	PASS
	Extreme (30°C)		2560.599	2569.401	2500-2570	PASS
	Extreme (20°C)		2560.506	2569.494	2500-2570	PASS
	Extreme (10°C)		2560.518	2569.482	2500-2570	PASS
	Extreme (0°C)		2560.621	2569.379	2500-2570	PASS
	Extreme (-10°C)		2560.608	2569.392	2500-2570	PASS
	Extreme (-20°C)		2560.538	2569.462	2500-2570	PASS
	Extreme (-30°C)		2560.602	2569.398	2500-2570	PASS
	25°C	LV	2560.592	2569.408	2500-2570	PASS
		HV	2560.591	2569.409	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2562.5	BANDWIDTH		15MHz				
	Temperature		Voltage	QPSK			
	Extreme（50℃）		NV	2555.701	2569.299	2500-2570	PASS
	Extreme（40℃）			2555.784	2569.216	2500-2570	PASS
	Extreme（30℃）			2555.728	2569.272	2500-2570	PASS
	Extreme（20℃）			2555.784	2569.216	2500-2570	PASS
	Extreme（10℃）			2555.732	2569.268	2500-2570	PASS
	Extreme（0℃）			2555.756	2569.244	2500-2570	PASS
	Extreme（-10℃）			2555.778	2569.222	2500-2570	PASS
	Extreme（-20℃）			2555.719	2569.281	2500-2570	PASS
	Extreme（-30℃）			2555.787	2569.213	2500-2570	PASS
	25℃		LV	2555.743	2569.257	2500-2570	PASS
			HV	2555.799	2569.201	2500-2570	PASS
LTE B7 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2560	BANDWIDTH	20MHz					
	Temperature		Voltage	QPSK			
	Extreme（50℃）		NV	2550.918	2569.082	2500-2570	PASS
	Extreme（40℃）			2550.964	2569.036	2500-2570	PASS
	Extreme（30℃）			2550.915	2569.085	2500-2570	PASS
	Extreme（20℃）			2550.920	2569.080	2500-2570	PASS
	Extreme（10℃）			2550.978	2569.022	2500-2570	PASS
	Extreme（0℃）			2550.966	2569.034	2500-2570	PASS
	Extreme（-10℃）			2550.911	2569.089	2500-2570	PASS
	Extreme（-20℃）			2550.947	2569.053	2500-2570	PASS
	Extreme（-30℃）			2550.908	2569.092	2500-2570	PASS
	25℃		LV	2550.902	2569.098	2500-2570	PASS
			HV	2550.954	2569.046	2500-2570	PASS
LTE B38 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	BANDWIDTH	5MHz					
	Temperature		Voltage	QPSK			
	Extreme（50℃）		NV	2570.211	2574.789	2570-2620	PASS
	Extreme（40℃）			2570.216	2574.784	2570-2620	PASS
	Extreme（30℃）			2570.203	2574.797	2570-2620	PASS
	Extreme（20℃）			2570.222	2574.778	2570-2620	PASS
	Extreme（10℃）			2570.258	2574.742	2570-2620	PASS
	Extreme（0℃）			2570.226	2574.774	2570-2620	PASS
	Extreme（-10℃）			2570.249	2574.751	2570-2620	PASS
	Extreme（-20℃）			2570.232	2574.768	2570-2620	PASS
	Extreme（-30℃）			2570.234	2574.766	2570-2620	PASS

	25°C	LV	2570.271	2574.729	2570-2620	PASS
		HV	2570.238	2574.762	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2570.507	2579.493	2570-2620	PASS
	Extreme (40°C)		2570.574	2579.426	2570-2620	PASS
	Extreme (30°C)		2570.640	2579.360	2570-2620	PASS
	Extreme (20°C)		2570.511	2579.489	2570-2620	PASS
	Extreme (10°C)		2570.527	2579.473	2570-2620	PASS
	Extreme (0°C)		2570.594	2579.406	2570-2620	PASS
	Extreme (-10°C)		2570.595	2579.405	2570-2620	PASS
	Extreme (-20°C)		2570.500	2579.500	2570-2620	PASS
	Extreme (-30°C)		2570.533	2579.467	2570-2620	PASS
	25°C	LV	2570.584	2579.416	2570-2620	PASS
		HV	2570.513	2579.487	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2577.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2570.715	2584.285	2570-2620	PASS
	Extreme (40°C)		2570.775	2584.225	2570-2620	PASS
	Extreme (30°C)		2570.770	2584.230	2570-2620	PASS
	Extreme (20°C)		2570.776	2584.224	2570-2620	PASS
	Extreme (10°C)		2570.797	2584.203	2570-2620	PASS
	Extreme (0°C)		2570.754	2584.246	2570-2620	PASS
	Extreme (-10°C)		2570.722	2584.278	2570-2620	PASS
	Extreme (-20°C)		2570.773	2584.227	2570-2620	PASS
	Extreme (-30°C)		2570.756	2584.244	2570-2620	PASS
	25°C	LV	2570.710	2584.290	2570-2620	PASS
		HV	2570.751	2584.249	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2571.004	2588.996	2570-2620	PASS
	Extreme (40°C)		2571.040	2588.960	2570-2620	PASS
	Extreme (30°C)		2571.018	2588.982	2570-2620	PASS
	Extreme (20°C)		2571.044	2588.956	2570-2620	PASS
	Extreme (10°C)		2571.025	2588.975	2570-2620	PASS

	Extreme (0°C)		2571.037	2588.963	2570-2620	PASS
	Extreme (-10°C)		2571.020	2588.980	2570-2620	PASS
	Extreme (-20°C)		2571.022	2588.978	2570-2620	PASS
	Extreme (-30°C)		2571.017	2588.983	2570-2620	PASS
	25°C	LV	2571.033	2588.967	2570-2620	PASS
		HV	2571.032	2588.968	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	BANDWIDTH	5MHz			Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2615.232	2619.768	2570-2620	PASS
	Extreme (40°C)		2615.218	2619.782	2570-2620	PASS
	Extreme (30°C)		2615.248	2619.752	2570-2620	PASS
	Extreme (20°C)		2615.287	2619.713	2570-2620	PASS
	Extreme (10°C)		2615.270	2619.730	2570-2620	PASS
	Extreme (0°C)		2615.220	2619.780	2570-2620	PASS
	Extreme (-10°C)		2615.299	2619.701	2570-2620	PASS
	Extreme (-20°C)		2615.209	2619.791	2570-2620	PASS
	Extreme (-30°C)		2615.246	2619.754	2570-2620	PASS
	25°C	LV	2615.255	2619.745	2570-2620	PASS
		HV	2615.247	2619.753	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	BANDWIDTH	10MHz			Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2610.533	2619.467	2570-2620	PASS
	Extreme (40°C)		2610.617	2619.383	2570-2620	PASS
	Extreme (30°C)		2610.504	2619.496	2570-2620	PASS
	Extreme (20°C)		2610.534	2619.466	2570-2620	PASS
	Extreme (10°C)		2610.535	2619.465	2570-2620	PASS
	Extreme (0°C)		2610.525	2619.475	2570-2620	PASS
	Extreme (-10°C)		2610.567	2619.433	2570-2620	PASS
	Extreme (-20°C)		2610.624	2619.376	2570-2620	PASS
	Extreme (-30°C)		2610.520	2619.480	2570-2620	PASS
	25°C	LV	2610.647	2619.353	2570-2620	PASS
		HV	2610.509	2619.491	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2612.5	BANDWIDTH	15MHz			Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2605.726	2619.274	2570-2620	PASS

	Extreme (40℃)		2605.748	2619.252	2570-2620	PASS
	Extreme (30℃)		2605.714	2619.286	2570-2620	PASS
	Extreme (20℃)		2605.799	2619.201	2570-2620	PASS
	Extreme (10℃)		2605.785	2619.215	2570-2620	PASS
	Extreme (0℃)		2605.785	2619.215	2570-2620	PASS
	Extreme (-10℃)		2605.725	2619.275	2570-2620	PASS
	Extreme (-20℃)		2605.771	2619.229	2570-2620	PASS
	Extreme (-30℃)		2605.792	2619.208	2570-2620	PASS
	25℃	LV	2605.774	2619.226	2570-2620	PASS
HV		2605.729	2619.271	2570-2620	PASS	
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2600.912	2619.088	2570-2620	PASS
	Extreme (40℃)		2600.965	2619.035	2570-2620	PASS
	Extreme (30℃)		2600.945	2619.055	2570-2620	PASS
	Extreme (20℃)		2600.999	2619.001	2570-2620	PASS
	Extreme (10℃)		2600.907	2619.093	2570-2620	PASS
	Extreme (0℃)		2600.969	2619.031	2570-2620	PASS
	Extreme (-10℃)		2600.954	2619.046	2570-2620	PASS
	Extreme (-20℃)		2600.931	2619.069	2570-2620	PASS
	Extreme (-30℃)		2600.938	2619.062	2570-2620	PASS
	25℃	LV	2600.929	2619.071	2570-2620	PASS
		HV	2600.930	2619.070	2570-2620	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2498.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2496.241	2500.759	2496-2690	PASS
	Extreme (40℃)		2496.277	2500.723	2496-2690	PASS
	Extreme (30℃)		2496.276	2500.724	2496-2690	PASS
	Extreme (20℃)		2496.246	2500.754	2496-2690	PASS
	Extreme (10℃)		2496.203	2500.797	2496-2690	PASS
	Extreme (0℃)		2496.252	2500.748	2496-2690	PASS
	Extreme (-10℃)		2496.224	2500.776	2496-2690	PASS
	Extreme (-20℃)		2496.233	2500.767	2496-2690	PASS
	Extreme (-30℃)		2496.291	2500.709	2496-2690	PASS
	25℃	LV	2496.292	2500.708	2496-2690	PASS
		HV	2496.209	2500.791	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2501	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2496.594	2505.406	2496-2690	PASS
	Extreme (40°C)		2496.510	2505.490	2496-2690	PASS
	Extreme (30°C)		2496.557	2505.443	2496-2690	PASS
	Extreme (20°C)		2496.571	2505.429	2496-2690	PASS
	Extreme (10°C)		2496.615	2505.385	2496-2690	PASS
	Extreme (0°C)		2496.622	2505.378	2496-2690	PASS
	Extreme (-10°C)		2496.590	2505.410	2496-2690	PASS
	Extreme (-20°C)		2496.563	2505.437	2496-2690	PASS
	Extreme (-30°C)		2496.502	2505.498	2496-2690	PASS
	25°C	LV	2496.612	2505.388	2496-2690	PASS
		HV	2496.608	2505.392	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2503.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2496.723	2510.277	2496-2690	PASS
	Extreme (40°C)		2496.735	2510.265	2496-2690	PASS
	Extreme (30°C)		2496.739	2510.261	2496-2690	PASS
	Extreme (20°C)		2496.708	2510.292	2496-2690	PASS
	Extreme (10°C)		2496.703	2510.297	2496-2690	PASS
	Extreme (0°C)		2496.728	2510.272	2496-2690	PASS
	Extreme (-10°C)		2496.781	2510.219	2496-2690	PASS
	Extreme (-20°C)		2496.757	2510.243	2496-2690	PASS
	Extreme (-30°C)		2496.717	2510.283	2496-2690	PASS
	25°C	LV	2496.710	2510.290	2496-2690	PASS
		HV	2496.718	2510.282	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2506	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2497.047	2514.953	2496-2690	PASS
	Extreme (40°C)		2497.033	2514.967	2496-2690	PASS
	Extreme (30°C)		2497.000	2515.000	2496-2690	PASS
	Extreme (20°C)		2497.036	2514.964	2496-2690	PASS
	Extreme (10°C)		2497.009	2514.991	2496-2690	PASS
	Extreme (0°C)		2497.039	2514.961	2496-2690	PASS
	Extreme (-10°C)		2497.033	2514.967	2496-2690	PASS
	Extreme (-20°C)		2497.049	2514.951	2496-2690	PASS
	Extreme (-30°C)		2497.049	2514.951	2496-2690	PASS

	25°C	LV	2497.028	2514.972	2496-2690	PASS
		HV	2497.001	2514.999	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2687.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2685.221	2689.779	2496-2690	PASS
	Extreme (40°C)		2685.228	2689.772	2496-2690	PASS
	Extreme (30°C)		2685.289	2689.711	2496-2690	PASS
	Extreme (20°C)		2685.209	2689.791	2496-2690	PASS
	Extreme (10°C)		2685.291	2689.709	2496-2690	PASS
	Extreme (0°C)		2685.270	2689.730	2496-2690	PASS
	Extreme (-10°C)		2685.276	2689.724	2496-2690	PASS
	Extreme (-20°C)		2685.271	2689.729	2496-2690	PASS
	Extreme (-30°C)		2685.232	2689.768	2496-2690	PASS
	25°C	LV	2685.243	2689.757	2496-2690	PASS
		HV	2685.218	2689.782	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2685	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2680.559	2689.441	2496-2690	PASS
	Extreme (40°C)		2680.631	2689.369	2496-2690	PASS
	Extreme (30°C)		2680.605	2689.395	2496-2690	PASS
	Extreme (20°C)		2680.596	2689.404	2496-2690	PASS
	Extreme (10°C)		2680.633	2689.367	2496-2690	PASS
	Extreme (0°C)		2680.534	2689.466	2496-2690	PASS
	Extreme (-10°C)		2680.604	2689.396	2496-2690	PASS
	Extreme (-20°C)		2680.552	2689.448	2496-2690	PASS
	Extreme (-30°C)		2680.618	2689.382	2496-2690	PASS
	25°C	LV	2680.512	2689.488	2496-2690	PASS
		HV	2680.599	2689.401	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2682.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2675.703	2689.297	2496-2690	PASS
	Extreme (40°C)		2675.783	2689.217	2496-2690	PASS
	Extreme (30°C)		2675.792	2689.208	2496-2690	PASS
	Extreme (20°C)		2675.721	2689.279	2496-2690	PASS
	Extreme (10°C)		2675.731	2689.269	2496-2690	PASS

	Extreme (0℃)		2675.759	2689.241	2496-2690	PASS
	Extreme (-10℃)		2675.776	2689.224	2496-2690	PASS
	Extreme (-20℃)		2675.781	2689.219	2496-2690	PASS
	Extreme (-30℃)		2675.704	2689.296	2496-2690	PASS
	25℃	LV	2675.760	2689.240	2496-2690	PASS
		HV	2675.793	2689.207	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2670.971	2689.029	2496-2690	PASS
	Extreme (40℃)		2670.981	2689.019	2496-2690	PASS
	Extreme (30℃)		2670.967	2689.033	2496-2690	PASS
	Extreme (20℃)		2670.901	2689.099	2496-2690	PASS
	Extreme (10℃)		2670.912	2689.088	2496-2690	PASS
	Extreme (0℃)		2670.982	2689.018	2496-2690	PASS
	Extreme (-10℃)		2670.940	2689.060	2496-2690	PASS
	Extreme (-20℃)		2670.971	2689.029	2496-2690	PASS
	Extreme (-30℃)		2670.984	2689.016	2496-2690	PASS
	25℃	LV	2670.939	2689.061	2496-2690	PASS
		HV	2670.932	2689.068	2496-2690	PASS