

Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50°C)	NV	11.79	0.01410	PASS
	Extreme (40°C)		10.99	0.01314	PASS
	Extreme (30°C)		14.88	0.01778	PASS
	Extreme (20°C)		14.71	0.01758	PASS
	Extreme (10°C)		13.90	0.01661	PASS
	Extreme (0°C)		3.01	0.00360	PASS
	Extreme (-10°C)		4.45	0.00532	PASS
	Extreme (-20°C)		13.72	0.01640	PASS
	Extreme (-30°C)		15.95	0.01907	PASS
	25°C	LV	4.21	0.00503	PASS
		HV	17.64	0.02109	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	BANDWIDTH	0.2MHz				
	Temperature	Voltage	GSMK			
	Extreme (50℃)	NV	1850.076	1850.324	1850-1910	PASS
	Extreme (40℃)		1850.065	1850.335	1850-1910	PASS
	Extreme (30℃)		1850.061	1850.339	1850-1910	PASS
	Extreme (20℃)		1850.069	1850.331	1850-1910	PASS
	Extreme (10℃)		1850.063	1850.337	1850-1910	PASS
	Extreme (0℃)		1850.073	1850.327	1850-1910	PASS
	Extreme (-10℃)		1850.074	1850.326	1850-1910	PASS
	Extreme (-20℃)		1850.067	1850.333	1850-1910	PASS
	Extreme (-30℃)		1850.061	1850.339	1850-1910	PASS
	25℃	LV	1850.079	1850.321	1850-1910	PASS
		HV	1850.067	1850.333	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.8	BANDWIDTH	0.2MHz				
	Temperature	Voltage	GSMK			
	Extreme (50℃)	NV	1909.667	1909.933	1850-1910	PASS
	Extreme (40℃)		1909.671	1909.929	1850-1910	PASS
	Extreme (30℃)		1909.672	1909.928	1850-1910	PASS
	Extreme (20℃)		1909.669	1909.931	1850-1910	PASS
	Extreme (10℃)		1909.670	1909.930	1850-1910	PASS
	Extreme (0℃)		1909.669	1909.931	1850-1910	PASS

	Extreme (-10°C)		1909.660	1909.940	1850-1910	PASS
	Extreme (-20°C)		1909.676	1909.924	1850-1910	PASS
	Extreme (-30°C)		1909.677	1909.923	1850-1910	PASS
	25°C	LV	1909.677	1909.923	1850-1910	PASS
		HV	1909.663	1909.937	1850-1910	PASS

WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.324	1854.476	1850-1910	PASS
	Extreme (40°C)		1850.320	1854.480	1850-1910	PASS
	Extreme (30°C)		1850.327	1854.473	1850-1910	PASS
	Extreme (20°C)		1850.329	1854.471	1850-1910	PASS
	Extreme (10°C)		1850.319	1854.481	1850-1910	PASS
	Extreme (0°C)		1850.321	1854.479	1850-1910	PASS
	Extreme (-10°C)		1850.327	1854.473	1850-1910	PASS
	Extreme (-20°C)		1850.317	1854.483	1850-1910	PASS
	Extreme (-30°C)		1850.315	1854.485	1850-1910	PASS
	25°C	LV	1850.317	1854.483	1850-1910	PASS
		HV	1850.321	1854.479	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	1905.523	1909.677	1850-1910	PASS
	Extreme (40°C)		1905.516	1909.684	1850-1910	PASS
	Extreme (30°C)		1905.523	1909.677	1850-1910	PASS
	Extreme (20°C)		1905.521	1909.679	1850-1910	PASS
	Extreme (10°C)		1905.528	1909.672	1850-1910	PASS
	Extreme (0°C)		1905.529	1909.671	1850-1910	PASS
	Extreme (-10°C)		1905.518	1909.682	1850-1910	PASS
	Extreme (-20°C)		1905.526	1909.674	1850-1910	PASS
	Extreme (-30°C)		1905.528	1909.672	1850-1910	PASS
	25°C	LV	1905.521	1909.679	1850-1910	PASS
		HV	1905.517	1909.683	1850-1910	PASS

WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	14.30	0.01709	PASS
	Extreme (40°C)		16.08	0.01922	PASS

	Extreme (30°C)		16.42	0.01963	PASS
	Extreme (20°C)		5.07	0.00606	PASS
	Extreme (10°C)		15.87	0.01897	PASS
	Extreme (0°C)		16.23	0.01940	PASS
	Extreme (-10°C)		13.54	0.01619	PASS
	Extreme (-20°C)		8.75	0.01046	PASS
	Extreme (-30°C)		17.40	0.02080	PASS
	25°C	LV	13.97	0.01670	PASS
		HV	13.00	0.01554	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	1710.326	1714.474	1710-1755	PASS
	Extreme (40°C)		1710.324	1714.476	1710-1755	PASS
	Extreme (30°C)		1710.317	1714.483	1710-1755	PASS
	Extreme (20°C)		1710.321	1714.479	1710-1755	PASS
	Extreme (10°C)		1710.325	1714.475	1710-1755	PASS
	Extreme (0°C)		1710.322	1714.478	1710-1755	PASS
	Extreme (-10°C)		1710.325	1714.475	1710-1755	PASS
	Extreme (-20°C)		1710.327	1714.473	1710-1755	PASS
	Extreme (-30°C)		1710.328	1714.472	1710-1755	PASS
	25°C	LV	1710.316	1714.484	1710-1755	PASS
		HV	1710.318	1714.482	1710-1755	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.515	1754.685	1710-1755	PASS
	Extreme (40°C)		1750.520	1754.680	1710-1755	PASS
	Extreme (30°C)		1750.523	1754.677	1710-1755	PASS
	Extreme (20°C)		1750.520	1754.680	1710-1755	PASS
	Extreme (10°C)		1750.524	1754.676	1710-1755	PASS
	Extreme (0°C)		1750.516	1754.684	1710-1755	PASS
	Extreme (-10°C)		1750.518	1754.682	1710-1755	PASS
	Extreme (-20°C)		1750.516	1754.684	1710-1755	PASS
	Extreme (-30°C)		1750.519	1754.681	1710-1755	PASS
	25°C	LV	1750.521	1754.679	1710-1755	PASS
		HV	1750.518	1754.682	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	1850.149	1851.251	1850-1910	PASS
	Extreme (40°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (30°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (20°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (10°C)		1850.145	1851.255	1850-1910	PASS
	Extreme (0°C)		1850.150	1851.250	1850-1910	PASS
	Extreme (-10°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (-20°C)		1850.145	1851.255	1850-1910	PASS
	Extreme (-30°C)		1850.148	1851.252	1850-1910	PASS
	25°C	LV	1850.146	1851.254	1850-1910	PASS
		HV	1850.145	1851.255	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	1850.148	1852.852	1850-1910	PASS
	Extreme (40°C)		1850.150	1852.850	1850-1910	PASS
	Extreme (30°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (20°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (10°C)		1850.146	1852.854	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)		1850.149	1852.851	1850-1910	PASS
	Extreme (-30°C)		1850.148	1852.852	1850-1910	PASS
	25°C	LV	1850.146	1852.854	1850-1910	PASS
		HV	1850.146	1852.854	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	1850.224	1854.776	1850-1910	PASS
	Extreme (40°C)		1850.222	1854.778	1850-1910	PASS
	Extreme (30°C)		1850.215	1854.785	1850-1910	PASS
	Extreme (20°C)		1850.218	1854.782	1850-1910	PASS

	Extreme (10°C)		1850.271	1854.729	1850-1910	PASS
	Extreme (0°C)		1850.233	1854.767	1850-1910	PASS
	Extreme (-10°C)		1850.285	1854.715	1850-1910	PASS
	Extreme (-20°C)		1850.208	1854.792	1850-1910	PASS
	Extreme (-30°C)		1850.214	1854.786	1850-1910	PASS
	25°C	LV	1850.201	1854.799	1850-1910	PASS
		HV	1850.262	1854.738	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.532	1859.468	1850-1910	PASS
	Extreme (40°C)		1850.526	1859.474	1850-1910	PASS
	Extreme (30°C)		1850.567	1859.433	1850-1910	PASS
	Extreme (20°C)		1850.600	1859.400	1850-1910	PASS
	Extreme (10°C)		1850.532	1859.468	1850-1910	PASS
	Extreme (0°C)		1850.551	1859.449	1850-1910	PASS
	Extreme (-10°C)		1850.624	1859.376	1850-1910	PASS
	Extreme (-20°C)		1850.624	1859.376	1850-1910	PASS
	Extreme (-30°C)		1850.609	1859.391	1850-1910	PASS
	25°C	LV	1850.554	1859.446	1850-1910	PASS
		HV	1850.617	1859.383	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.748	1864.252	1850-1910	PASS
	Extreme (40°C)		1850.716	1864.284	1850-1910	PASS
	Extreme (30°C)		1850.708	1864.292	1850-1910	PASS
	Extreme (20°C)		1850.741	1864.259	1850-1910	PASS
	Extreme (10°C)		1850.759	1864.241	1850-1910	PASS
	Extreme (0°C)		1850.725	1864.275	1850-1910	PASS
	Extreme (-10°C)		1850.741	1864.259	1850-1910	PASS
	Extreme (-20°C)		1850.739	1864.261	1850-1910	PASS
	Extreme (-30°C)		1850.722	1864.278	1850-1910	PASS
	25°C	LV	1850.717	1864.283	1850-1910	PASS
		HV	1850.710	1864.290	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	1851.017	1868.983	1850-1910	PASS
	Extreme (40℃)		1851.001	1868.999	1850-1910	PASS
	Extreme (30℃)		1851.047	1868.953	1850-1910	PASS
	Extreme (20℃)		1851.014	1868.986	1850-1910	PASS
	Extreme (10℃)		1851.029	1868.971	1850-1910	PASS
	Extreme (0℃)		1851.024	1868.976	1850-1910	PASS
	Extreme (-10℃)		1851.037	1868.963	1850-1910	PASS
	Extreme (-20℃)		1851.033	1868.967	1850-1910	PASS
	Extreme (-30℃)		1851.008	1868.992	1850-1910	PASS
	25℃	LV	1851.021	1868.979	1850-1910	PASS
		HV	1851.021	1868.979	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1908.746	1909.854	1850-1910	PASS
	Extreme (40℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (30℃)		1908.745	1909.855	1850-1910	PASS
	Extreme (20℃)		1908.749	1909.851	1850-1910	PASS
	Extreme (10℃)		1908.749	1909.851	1850-1910	PASS
	Extreme (0℃)		1908.750	1909.850	1850-1910	PASS
	Extreme (-10℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (-20℃)		1908.745	1909.855	1850-1910	PASS
	Extreme (-30℃)		1908.746	1909.854	1850-1910	PASS
	25℃	LV	1908.746	1909.854	1850-1910	PASS
		HV	1908.747	1909.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1907.145	1909.855	1850-1910	PASS
	Extreme (40℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (30℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (20℃)		1907.145	1909.855	1850-1910	PASS
	Extreme (10℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (0℃)		1907.147	1909.853	1850-1910	PASS
	Extreme (-10℃)		1907.147	1909.853	1850-1910	PASS

	Extreme (-20℃)		1907.149	1909.851	1850-1910	PASS
	Extreme (-30℃)		1907.147	1909.853	1850-1910	PASS
	25℃	LV	1907.148	1909.852	1850-1910	PASS
		HV	1907.145	1909.855	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	1905.275	1909.725	1850-1910	PASS
	Extreme (40℃)		1905.266	1909.734	1850-1910	PASS
	Extreme (30℃)		1905.221	1909.779	1850-1910	PASS
	Extreme (20℃)		1905.252	1909.748	1850-1910	PASS
	Extreme (10℃)		1905.219	1909.781	1850-1910	PASS
	Extreme (0℃)		1905.233	1909.767	1850-1910	PASS
	Extreme (-10℃)		1905.232	1909.768	1850-1910	PASS
	Extreme (-20℃)		1905.268	1909.732	1850-1910	PASS
	Extreme (-30℃)		1905.295	1909.705	1850-1910	PASS
	25℃	LV	1905.260	1909.740	1850-1910	PASS
		HV	1905.246	1909.754	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	1900.640	1909.360	1850-1910	PASS
	Extreme (40℃)		1900.642	1909.358	1850-1910	PASS
	Extreme (30℃)		1900.572	1909.428	1850-1910	PASS
	Extreme (20℃)		1900.528	1909.472	1850-1910	PASS
	Extreme (10℃)		1900.594	1909.406	1850-1910	PASS
	Extreme (0℃)		1900.623	1909.377	1850-1910	PASS
	Extreme (-10℃)		1900.541	1909.459	1850-1910	PASS
	Extreme (-20℃)		1900.606	1909.394	1850-1910	PASS
	Extreme (-30℃)		1900.505	1909.495	1850-1910	PASS
	25℃	LV	1900.552	1909.448	1850-1910	PASS
		HV	1900.522	1909.478	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz				
	Temperature	Voltage				

	Extreme (50℃)	NV	1895.724	1909.276	1850-1910	PASS
	Extreme (40℃)		1895.749	1909.251	1850-1910	PASS
	Extreme (30℃)		1895.784	1909.216	1850-1910	PASS
	Extreme (20℃)		1895.728	1909.272	1850-1910	PASS
	Extreme (10℃)		1895.739	1909.261	1850-1910	PASS
	Extreme (0℃)		1895.793	1909.207	1850-1910	PASS
	Extreme (-10℃)		1895.781	1909.219	1850-1910	PASS
	Extreme (-20℃)		1895.776	1909.224	1850-1910	PASS
	Extreme (-30℃)		1895.783	1909.217	1850-1910	PASS
	25℃	LV	1895.728	1909.272	1850-1910	PASS
		HV	1895.785	1909.215	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℃)	NV	1890.909	1909.091	1850-1910	PASS
	Extreme (40℃)		1890.910	1909.090	1850-1910	PASS
	Extreme (30℃)		1890.924	1909.076	1850-1910	PASS
	Extreme (20℃)		1890.926	1909.074	1850-1910	PASS
	Extreme (10℃)		1890.934	1909.066	1850-1910	PASS
	Extreme (0℃)		1890.904	1909.096	1850-1910	PASS
	Extreme (-10℃)		1890.992	1909.008	1850-1910	PASS
	Extreme (-20℃)		1890.926	1909.074	1850-1910	PASS
	Extreme (-30℃)		1890.920	1909.080	1850-1910	PASS
	25℃	LV	1890.953	1909.047	1850-1910	PASS
	HV	1890.976	1909.024	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℃)	NV	1710.148	1711.252	1710-1755	PASS
	Extreme (40℃)		1710.150	1711.250	1710-1755	PASS
	Extreme (30℃)		1710.146	1711.254	1710-1755	PASS
	Extreme (20℃)		1710.150	1711.250	1710-1755	PASS
	Extreme (10℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (0℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (-10℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (-20℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (-30℃)		1710.149	1711.251	1710-1755	PASS
	25℃	LV	1710.149	1711.251	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	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.148	1712.852	1710-1755	PASS
	Extreme (40°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (30°C)		1710.145	1712.855	1710-1755	PASS
	Extreme (20°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (10°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (0°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (-10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-20°C)		1710.150	1712.850	1710-1755	PASS
	Extreme (-30°C)		1710.150	1712.850	1710-1755	PASS
	25°C	LV	1710.146	1712.854	1710-1755	PASS
		HV	1710.145	1712.855	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.213	1714.787	1710-1755	PASS
	Extreme (40°C)		1710.257	1714.743	1710-1755	PASS
	Extreme (30°C)		1710.280	1714.720	1710-1755	PASS
	Extreme (20°C)		1710.211	1714.789	1710-1755	PASS
	Extreme (10°C)		1710.292	1714.708	1710-1755	PASS
	Extreme (0°C)		1710.228	1714.772	1710-1755	PASS
	Extreme (-10°C)		1710.279	1714.721	1710-1755	PASS
	Extreme (-20°C)		1710.210	1714.790	1710-1755	PASS
	Extreme (-30°C)		1710.299	1714.701	1710-1755	PASS
	25°C	LV	1710.229	1714.771	1710-1755	PASS
		HV	1710.278	1714.722	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.645	1719.355	1710-1755	PASS
	Extreme (40°C)		1710.533	1719.467	1710-1755	PASS
	Extreme (30°C)		1710.510	1719.490	1710-1755	PASS

	Extreme (20℃)		1710.515	1719.485	1710-1755	PASS
	Extreme (10℃)		1710.518	1719.482	1710-1755	PASS
	Extreme (0℃)		1710.563	1719.437	1710-1755	PASS
	Extreme (-10℃)		1710.549	1719.451	1710-1755	PASS
	Extreme (-20℃)		1710.534	1719.466	1710-1755	PASS
	Extreme (-30℃)		1710.509	1719.491	1710-1755	PASS
	25℃	LV	1710.578	1719.422	1710-1755	PASS
		HV	1710.639	1719.361	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.782	1724.218	1710-1755	PASS
	Extreme (40℃)		1710.743	1724.257	1710-1755	PASS
	Extreme (30℃)		1710.713	1724.287	1710-1755	PASS
	Extreme (20℃)		1710.709	1724.291	1710-1755	PASS
	Extreme (10℃)		1710.719	1724.281	1710-1755	PASS
	Extreme (0℃)		1710.773	1724.227	1710-1755	PASS
	Extreme (-10℃)		1710.704	1724.296	1710-1755	PASS
	Extreme (-20℃)		1710.759	1724.241	1710-1755	PASS
	Extreme (-30℃)	1710.772	1724.228	1710-1755	PASS	
	25℃	LV	1710.786	1724.214	1710-1755	PASS
HV		1710.704	1724.296	1710-1755	PASS	
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.049	1728.951	1710-1755	PASS
	Extreme (40℃)		1711.039	1728.961	1710-1755	PASS
	Extreme (30℃)		1711.046	1728.954	1710-1755	PASS
	Extreme (20℃)		1711.038	1728.962	1710-1755	PASS
	Extreme (10℃)		1711.031	1728.969	1710-1755	PASS
	Extreme (0℃)		1711.037	1728.963	1710-1755	PASS
	Extreme (-10℃)		1711.028	1728.972	1710-1755	PASS
	Extreme (-20℃)		1711.041	1728.959	1710-1755	PASS
	Extreme (-30℃)	1711.013	1728.987	1710-1755	PASS	
	25℃	LV	1711.018	1728.982	1710-1755	PASS
HV		1711.013	1728.987	1710-1755	PASS	
LTE B4	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
1754.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1753.746	1754.854	1710-1755	PASS
	Extreme (40℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (30℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (20℃)		1753.749	1754.851	1710-1755	PASS
	Extreme (10℃)		1753.746	1754.854	1710-1755	PASS
	Extreme (0℃)		1753.750	1754.850	1710-1755	PASS
	Extreme (-10℃)		1753.750	1754.850	1710-1755	PASS
	Extreme (-20℃)		1753.748	1754.852	1710-1755	PASS
	Extreme (-30℃)		1753.750	1754.850	1710-1755	PASS
	25℃	LV	1753.750	1754.850	1710-1755	PASS
		HV	1753.749	1754.851	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℃)	NV	1752.149	1754.851	1710-1755	PASS
	Extreme (40℃)		1752.145	1754.855	1710-1755	PASS
	Extreme (30℃)		1752.148	1754.852	1710-1755	PASS
	Extreme (20℃)		1752.145	1754.855	1710-1755	PASS
	Extreme (10℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (0℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (-10℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (-20℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (-30℃)		1752.147	1754.853	1710-1755	PASS
	25℃	LV	1752.146	1754.854	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℃)	NV	1750.293	1754.707	1710-1755	PASS
	Extreme (40℃)		1750.279	1754.721	1710-1755	PASS
	Extreme (30℃)		1750.256	1754.744	1710-1755	PASS
	Extreme (20℃)		1750.287	1754.713	1710-1755	PASS
	Extreme (10℃)		1750.280	1754.720	1710-1755	PASS
	Extreme (0℃)		1750.260	1754.740	1710-1755	PASS

	Extreme (-10℃)		1750.228	1754.772	1710-1755	PASS
	Extreme (-20℃)		1750.201	1754.799	1710-1755	PASS
	Extreme (-30℃)		1750.256	1754.744	1710-1755	PASS
	25℃	LV	1750.287	1754.713	1710-1755	PASS
		HV	1750.254	1754.746	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℃)	NV	1745.536	1754.464	1710-1755	PASS
	Extreme (40℃)		1745.595	1754.405	1710-1755	PASS
	Extreme (30℃)		1745.639	1754.361	1710-1755	PASS
	Extreme (20℃)		1745.626	1754.374	1710-1755	PASS
	Extreme (10℃)		1745.621	1754.379	1710-1755	PASS
	Extreme (0℃)		1745.570	1754.430	1710-1755	PASS
	Extreme (-10℃)		1745.572	1754.428	1710-1755	PASS
	Extreme (-20℃)		1745.632	1754.368	1710-1755	PASS
	Extreme (-30℃)		1745.541	1754.459	1710-1755	PASS
	25℃	LV	1745.619	1754.381	1710-1755	PASS
		HV	1745.623	1754.377	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℃)	NV	1740.757	1754.243	1710-1755	PASS
	Extreme (40℃)		1740.719	1754.281	1710-1755	PASS
	Extreme (30℃)		1740.767	1754.233	1710-1755	PASS
	Extreme (20℃)		1740.729	1754.271	1710-1755	PASS
	Extreme (10℃)		1740.767	1754.233	1710-1755	PASS
	Extreme (0℃)		1740.726	1754.274	1710-1755	PASS
	Extreme (-10℃)		1740.775	1754.225	1710-1755	PASS
	Extreme (-20℃)		1740.782	1754.218	1710-1755	PASS
	Extreme (-30℃)		1740.746	1754.254	1710-1755	PASS
	25℃	LV	1740.785	1754.215	1710-1755	PASS
		HV	1740.797	1754.203	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	1735.961	1754.039	1710-1755	PASS
	Extreme (40°C)		1735.959	1754.041	1710-1755	PASS
	Extreme (30°C)		1735.988	1754.012	1710-1755	PASS
	Extreme (20°C)		1735.942	1754.058	1710-1755	PASS
	Extreme (10°C)		1735.967	1754.033	1710-1755	PASS
	Extreme (0°C)		1735.945	1754.055	1710-1755	PASS
	Extreme (-10°C)		1735.984	1754.016	1710-1755	PASS
	Extreme (-20°C)		1735.928	1754.072	1710-1755	PASS
	Extreme (-30°C)		1735.960	1754.040	1710-1755	PASS
	25°C	LV	1735.989	1754.011	1710-1755	PASS
		HV	1735.979	1754.021	1710-1755	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.27	0.01586	
	Extreme (40°C)		17.58	0.02102	
	Extreme (30°C)		17.39	0.02079	
	Extreme (20°C)		14.17	0.01694	
	Extreme (10°C)		16.01	0.01914	
	Extreme (0°C)		9.26	0.01107	
	Extreme (-10°C)		2.90	0.00347	
	Extreme (-20°C)		17.10	0.02044	
	Extreme (-30°C)		1.89	0.00226	
	25°C	LV	10.36	0.01239	PASS
		HV	1.08	0.00129	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	5.55	0.00664	
	Extreme (40°C)		17.17	0.02053	
	Extreme (30°C)		11.90	0.01422	
	Extreme (20°C)		15.45	0.01847	
	Extreme (10°C)		7.13	0.00853	
	Extreme (0°C)		9.01	0.01077	
	Extreme (-10°C)		5.37	0.00643	
	Extreme (-20°C)		8.05	0.00962	
	Extreme (-30°C)		11.22	0.01342	
	25°C	LV	8.99	0.01075	PASS

		HV	17.17	0.02052	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.85	0.00939	PASS
	Extreme (40°C)		3.79	0.00453	PASS
	Extreme (30°C)		8.16	0.00975	PASS
	Extreme (20°C)		6.93	0.00829	PASS
	Extreme (10°C)		8.30	0.00992	PASS
	Extreme (0°C)		3.09	0.00369	PASS
	Extreme (-10°C)		3.37	0.00403	PASS
	Extreme (-20°C)		11.58	0.01385	PASS
	Extreme (-30°C)		9.27	0.01108	PASS
	25°C	LV	17.00	0.02032	PASS
		HV	13.74	0.01642	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	8.70	0.01040	PASS
	Extreme (40°C)		15.96	0.01908	PASS
	Extreme (30°C)		4.00	0.00478	PASS
	Extreme (20°C)		12.19	0.01457	PASS
	Extreme (10°C)		17.54	0.02097	PASS
	Extreme (0°C)		12.22	0.01461	PASS
	Extreme (-10°C)		7.08	0.00846	PASS
	Extreme (-20°C)		6.57	0.00785	PASS
	Extreme (-30°C)		1.77	0.00212	PASS
	25°C	LV	17.93	0.02144	PASS
		HV	8.40	0.01004	PASS

LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	2500.229	2504.771	2500-2570	PASS
	Extreme（40℃）		2500.216	2504.784	2500-2570	PASS
	Extreme（30℃）		2500.223	2504.777	2500-2570	PASS
	Extreme（20℃）		2500.214	2504.786	2500-2570	PASS
	Extreme（10℃）		2500.257	2504.743	2500-2570	PASS

	Extreme (0℃)		2500.276	2504.724	2500-2570	PASS
	Extreme (-10℃)		2500.205	2504.795	2500-2570	PASS
	Extreme (-20℃)		2500.220	2504.780	2500-2570	PASS
	Extreme (-30℃)		2500.271	2504.729	2500-2570	PASS
	25℃	LV	2500.264	2504.736	2500-2570	PASS
		HV	2500.257	2504.743	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	2500.591	2509.409	2500-2570	PASS
	Extreme (40℃)		2500.558	2509.442	2500-2570	PASS
	Extreme (30℃)		2500.587	2509.413	2500-2570	PASS
	Extreme (20℃)		2500.511	2509.489	2500-2570	PASS
	Extreme (10℃)		2500.623	2509.377	2500-2570	PASS
	Extreme (0℃)		2500.598	2509.402	2500-2570	PASS
	Extreme (-10℃)		2500.567	2509.433	2500-2570	PASS
	Extreme (-20℃)		2500.603	2509.397	2500-2570	PASS
	Extreme (-30℃)		2500.551	2509.449	2500-2570	PASS
	25℃	LV	2500.533	2509.467	2500-2570	PASS
		HV	2500.611	2509.389	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	2500.731	2514.269	2500-2570	PASS
	Extreme (40℃)		2500.721	2514.279	2500-2570	PASS
	Extreme (30℃)		2500.721	2514.279	2500-2570	PASS
	Extreme (20℃)		2500.766	2514.234	2500-2570	PASS
	Extreme (10℃)		2500.798	2514.202	2500-2570	PASS
	Extreme (0℃)		2500.738	2514.262	2500-2570	PASS
	Extreme (-10℃)		2500.791	2514.209	2500-2570	PASS
	Extreme (-20℃)		2500.703	2514.297	2500-2570	PASS
	Extreme (-30℃)		2500.796	2514.204	2500-2570	PASS
	25℃	LV	2500.708	2514.292	2500-2570	PASS
		HV	2500.703	2514.297	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	2501.029	2518.971	2500-2570	PASS
	Extreme (40℃)		2501.015	2518.985	2500-2570	PASS
	Extreme (30℃)		2501.049	2518.951	2500-2570	PASS
	Extreme (20℃)		2501.023	2518.977	2500-2570	PASS
	Extreme (10℃)		2501.039	2518.961	2500-2570	PASS
	Extreme (0℃)		2501.020	2518.980	2500-2570	PASS
	Extreme (-10℃)		2501.020	2518.980	2500-2570	PASS
	Extreme (-20℃)		2501.036	2518.964	2500-2570	PASS
	Extreme (-30℃)		2501.004	2518.996	2500-2570	PASS
	25℃	LV	2501.039	2518.961	2500-2570	PASS
		HV	2501.011	2518.989	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2565.207	2569.793	2500-2570	PASS
	Extreme (40℃)		2565.264	2569.736	2500-2570	PASS
	Extreme (30℃)		2565.274	2569.726	2500-2570	PASS
	Extreme (20℃)		2565.268	2569.732	2500-2570	PASS
	Extreme (10℃)		2565.251	2569.749	2500-2570	PASS
	Extreme (0℃)		2565.222	2569.778	2500-2570	PASS
	Extreme (-10℃)		2565.291	2569.709	2500-2570	PASS
	Extreme (-20℃)		2565.290	2569.710	2500-2570	PASS
	Extreme (-30℃)		2565.256	2569.744	2500-2570	PASS
	25℃	LV	2565.273	2569.727	2500-2570	PASS
		HV	2565.289	2569.711	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2560.539	2569.461	2500-2570	PASS
	Extreme (40℃)		2560.551	2569.449	2500-2570	PASS
	Extreme (30℃)		2560.611	2569.389	2500-2570	PASS
	Extreme (20℃)		2560.544	2569.456	2500-2570	PASS
	Extreme (10℃)		2560.590	2569.410	2500-2570	PASS
	Extreme (0℃)		2560.545	2569.455	2500-2570	PASS
	Extreme (-10℃)		2560.567	2569.433	2500-2570	PASS

	Extreme (-20℃)		2560.602	2569.398	2500-2570	PASS
	Extreme (-30℃)		2560.553	2569.447	2500-2570	PASS
	25℃	LV	2560.634	2569.366	2500-2570	PASS
		HV	2560.555	2569.445	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	2555.765	2569.235	2500-2570	PASS
	Extreme (40℃)		2555.738	2569.262	2500-2570	PASS
	Extreme (30℃)		2555.775	2569.225	2500-2570	PASS
	Extreme (20℃)		2555.729	2569.271	2500-2570	PASS
	Extreme (10℃)		2555.737	2569.263	2500-2570	PASS
	Extreme (0℃)		2555.746	2569.254	2500-2570	PASS
	Extreme (-10℃)		2555.765	2569.235	2500-2570	PASS
	Extreme (-20℃)		2555.756	2569.244	2500-2570	PASS
	Extreme (-30℃)		2555.735	2569.265	2500-2570	PASS
	25℃	LV	2555.740	2569.260	2500-2570	PASS
		HV	2555.722	2569.278	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	2550.934	2569.066	2500-2570	PASS
	Extreme (40℃)		2550.910	2569.090	2500-2570	PASS
	Extreme (30℃)		2550.990	2569.010	2500-2570	PASS
	Extreme (20℃)		2550.926	2569.074	2500-2570	PASS
	Extreme (10℃)		2550.944	2569.056	2500-2570	PASS
	Extreme (0℃)		2550.982	2569.018	2500-2570	PASS
	Extreme (-10℃)		2550.906	2569.094	2500-2570	PASS
	Extreme (-20℃)		2550.995	2569.005	2500-2570	PASS
	Extreme (-30℃)		2550.913	2569.087	2500-2570	PASS
	25℃	LV	2550.922	2569.078	2500-2570	PASS
		HV	2550.957	2569.043	2500-2570	PASS

LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz	QPSK	QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	699.150	700.250	699-716	PASS
	Extreme (40°C)		699.147	700.253	699-716	PASS
	Extreme (30°C)		699.150	700.250	699-716	PASS
	Extreme (20°C)		699.149	700.251	699-716	PASS
	Extreme (10°C)		699.150	700.250	699-716	PASS
	Extreme (0°C)		699.147	700.253	699-716	PASS
	Extreme (-10°C)		699.148	700.252	699-716	PASS
	Extreme (-20°C)		699.146	700.254	699-716	PASS
	Extreme (-30°C)		699.146	700.254	699-716	PASS
	25°C	LV	699.148	700.252	699-716	PASS
		HV	699.145	700.255	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	BANDWIDTH	3MHz	QPSK	QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	699.147	701.853	699-716	PASS
	Extreme (40°C)		699.146	701.854	699-716	PASS
	Extreme (30°C)		699.146	701.854	699-716	PASS
	Extreme (20°C)		699.146	701.854	699-716	PASS
	Extreme (10°C)		699.148	701.852	699-716	PASS
	Extreme (0°C)		699.150	701.850	699-716	PASS
	Extreme (-10°C)		699.150	701.850	699-716	PASS
	Extreme (-20°C)		699.150	701.850	699-716	PASS
	Extreme (-30°C)		699.149	701.851	699-716	PASS
	25°C	LV	699.148	701.852	699-716	PASS
		HV	699.146	701.854	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz	QPSK	QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	699.211	703.789	699-716	PASS
	Extreme (40°C)		699.237	703.763	699-716	PASS
	Extreme (30°C)		699.287	703.713	699-716	PASS
	Extreme (20°C)		699.253	703.747	699-716	PASS

	Extreme (10°C)		699.249	703.751	699-716	PASS
	Extreme (0°C)		699.205	703.795	699-716	PASS
	Extreme (-10°C)		699.282	703.718	699-716	PASS
	Extreme (-20°C)		699.252	703.748	699-716	PASS
	Extreme (-30°C)		699.216	703.784	699-716	PASS
	25°C	LV	699.288	703.712	699-716	PASS
		HV	699.261	703.739	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	699.512	708.488	699-716	PASS
	Extreme (40°C)		699.523	708.477	699-716	PASS
	Extreme (30°C)		699.508	708.492	699-716	PASS
	Extreme (20°C)		699.540	708.460	699-716	PASS
	Extreme (10°C)		699.586	708.414	699-716	PASS
	Extreme (0°C)		699.620	708.380	699-716	PASS
	Extreme (-10°C)		699.539	708.461	699-716	PASS
	Extreme (-20°C)		699.646	708.354	699-716	PASS
	Extreme (-30°C)		699.558	708.442	699-716	PASS
	25°C	LV	699.513	708.487	699-716	PASS
		HV	699.637	708.363	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	714.748	715.852	699-716	PASS
	Extreme (40°C)		714.749	715.851	699-716	PASS
	Extreme (30°C)		714.747	715.853	699-716	PASS
	Extreme (20°C)		714.747	715.853	699-716	PASS
	Extreme (10°C)		714.747	715.853	699-716	PASS
	Extreme (0°C)		714.746	715.854	699-716	PASS
	Extreme (-10°C)		714.749	715.851	699-716	PASS
	Extreme (-20°C)		714.746	715.854	699-716	PASS
	Extreme (-30°C)		714.747	715.853	699-716	PASS
	25°C	LV	714.746	715.854	699-716	PASS
		HV	714.746	715.854	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

714.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	713.146	715.854	699-716	PASS
	Extreme (40°C)		713.149	715.851	699-716	PASS
	Extreme (30°C)		713.146	715.854	699-716	PASS
	Extreme (20°C)		713.150	715.850	699-716	PASS
	Extreme (10°C)		713.148	715.852	699-716	PASS
	Extreme (0°C)		713.150	715.850	699-716	PASS
	Extreme (-10°C)		713.147	715.853	699-716	PASS
	Extreme (-20°C)		713.148	715.852	699-716	PASS
	Extreme (-30°C)		713.147	715.853	699-716	PASS
	25°C	LV	713.149	715.851	699-716	PASS
		HV	713.147	715.853	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	711.230	715.770	699-716	PASS
	Extreme (40°C)		711.243	715.757	699-716	PASS
	Extreme (30°C)		711.217	715.783	699-716	PASS
	Extreme (20°C)		711.260	715.740	699-716	PASS
	Extreme (10°C)		711.272	715.728	699-716	PASS
	Extreme (0°C)		711.212	715.788	699-716	PASS
	Extreme (-10°C)		711.280	715.720	699-716	PASS
	Extreme (-20°C)		711.259	715.741	699-716	PASS
	Extreme (-30°C)		711.206	715.794	699-716	PASS
	25°C	LV	711.232	715.768	699-716	PASS
		HV	711.207	715.793	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	706.546	715.454	699-716	PASS
	Extreme (40°C)		706.624	715.376	699-716	PASS
	Extreme (30°C)		706.605	715.395	699-716	PASS
	Extreme (20°C)		706.607	715.393	699-716	PASS
	Extreme (10°C)		706.568	715.432	699-716	PASS
	Extreme (0°C)		706.527	715.473	699-716	PASS
	Extreme (-10°C)		706.577	715.423	699-716	PASS

	Extreme (-20°C)		706.615	715.385	699-716	PASS
	Extreme (-30°C)		706.514	715.486	699-716	PASS
	25°C	LV	706.641	715.359	699-716	PASS
		HV	706.632	715.368	699-716	PASS

LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
706.5	BANDWIDTH	5MHz	QPSK	QPSK	704-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	704.299	708.701	704-716	PASS
	Extreme (40°C)		704.233	708.767	704-716	PASS
	Extreme (30°C)		704.238	708.762	704-716	PASS
	Extreme (20°C)		704.230	708.770	704-716	PASS
	Extreme (10°C)		704.286	708.714	704-716	PASS
	Extreme (0°C)		704.288	708.712	704-716	PASS
	Extreme (-10°C)		704.267	708.733	704-716	PASS
	Extreme (-20°C)		704.220	708.780	704-716	PASS
	Extreme (-30°C)		704.237	708.763	704-716	PASS
	25°C	LV	704.234	708.766	704-716	PASS
		HV	704.234	708.766	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
709	BANDWIDTH	10MHz	QPSK	QPSK	704-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	704.608	713.392	704-716	PASS
	Extreme (40°C)		704.633	713.367	704-716	PASS
	Extreme (30°C)		704.595	713.405	704-716	PASS
	Extreme (20°C)		704.622	713.378	704-716	PASS
	Extreme (10°C)		704.608	713.392	704-716	PASS
	Extreme (0°C)		704.611	713.389	704-716	PASS
	Extreme (-10°C)		704.568	713.432	704-716	PASS
	Extreme (-20°C)		704.558	713.442	704-716	PASS
	Extreme (-30°C)		704.521	713.479	704-716	PASS
	25°C	LV	704.530	713.470	704-716	PASS
		HV	704.572	713.428	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz	QPSK	QPSK	704-716	PASS
	Temperature	Voltage				

	Extreme (50℃)	NV	711.299	715.701	704-716	PASS
	Extreme (40℃)		711.284	715.716	704-716	PASS
	Extreme (30℃)		711.233	715.767	704-716	PASS
	Extreme (20℃)		711.201	715.799	704-716	PASS
	Extreme (10℃)		711.246	715.754	704-716	PASS
	Extreme (0℃)		711.208	715.792	704-716	PASS
	Extreme (-10℃)		711.272	715.728	704-716	PASS
	Extreme (-20℃)		711.206	715.794	704-716	PASS
	Extreme (-30℃)		711.247	715.753	704-716	PASS
	25℃	LV	711.234	715.766	704-716	PASS
HV		711.260	715.740	704-716	PASS	
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	706.518	715.482	704-716	PASS
	Extreme (40℃)		706.633	715.367	704-716	PASS
	Extreme (30℃)		706.549	715.451	704-716	PASS
	Extreme (20℃)		706.529	715.471	704-716	PASS
	Extreme (10℃)		706.596	715.404	704-716	PASS
	Extreme (0℃)		706.590	715.410	704-716	PASS
	Extreme (-10℃)		706.564	715.436	704-716	PASS
	Extreme (-20℃)		706.609	715.391	704-716	PASS
	Extreme (-30℃)		706.598	715.402	704-716	PASS
	25℃	LV	706.650	715.350	704-716	PASS
HV		706.528	715.472	704-716	PASS	

LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.146	1851.254	1850-1915	PASS
	Extreme (40℃)		1850.148	1851.252	1850-1915	PASS
	Extreme (30℃)		1850.146	1851.254	1850-1915	PASS
	Extreme (20℃)		1850.149	1851.251	1850-1915	PASS
	Extreme (10℃)		1850.146	1851.254	1850-1915	PASS
	Extreme (0℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (-10℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (-20℃)		1850.146	1851.254	1850-1915	PASS
	Extreme (-30℃)		1850.150	1851.250	1850-1915	PASS
	25℃	LV	1850.145	1851.255	1850-1915	PASS

		HV	1850.148	1851.252	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.149	1852.851	1850-1915	PASS
	Extreme (40°C)		1850.147	1852.853	1850-1915	PASS
	Extreme (30°C)		1850.147	1852.853	1850-1915	PASS
	Extreme (20°C)		1850.146	1852.854	1850-1915	PASS
	Extreme (10°C)		1850.146	1852.854	1850-1915	PASS
	Extreme (0°C)		1850.149	1852.851	1850-1915	PASS
	Extreme (-10°C)		1850.150	1852.850	1850-1915	PASS
	Extreme (-20°C)		1850.146	1852.854	1850-1915	PASS
	Extreme (-30°C)		1850.146	1852.854	1850-1915	PASS
	25°C	LV	1850.146	1852.854	1850-1915	PASS
		HV	1850.150	1852.850	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.206	1854.794	1850-1915	PASS
	Extreme (40°C)		1850.240	1854.760	1850-1915	PASS
	Extreme (30°C)		1850.252	1854.748	1850-1915	PASS
	Extreme (20°C)		1850.213	1854.787	1850-1915	PASS
	Extreme (10°C)		1850.292	1854.708	1850-1915	PASS
	Extreme (0°C)		1850.209	1854.791	1850-1915	PASS
	Extreme (-10°C)		1850.236	1854.764	1850-1915	PASS
	Extreme (-20°C)		1850.248	1854.752	1850-1915	PASS
	Extreme (-30°C)		1850.250	1854.750	1850-1915	PASS
	25°C	LV	1850.221	1854.779	1850-1915	PASS
		HV	1850.239	1854.761	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.550	1859.450	1850-1915	PASS
	Extreme (40°C)		1850.541	1859.459	1850-1915	PASS
	Extreme (30°C)		1850.502	1859.498	1850-1915	PASS

	Extreme（20℃）		1850.556	1859.444	1850-1915	PASS
	Extreme（10℃）		1850.648	1859.352	1850-1915	PASS
	Extreme（0℃）		1850.606	1859.394	1850-1915	PASS
	Extreme（-10℃）		1850.609	1859.391	1850-1915	PASS
	Extreme（-20℃）		1850.535	1859.465	1850-1915	PASS
	Extreme（-30℃）		1850.616	1859.384	1850-1915	PASS
	25℃	LV	1850.627	1859.373	1850-1915	PASS
		HV	1850.558	1859.442	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	1850.748	1864.252	1850-1915	PASS
	Extreme（40℃）		1850.737	1864.263	1850-1915	PASS
	Extreme（30℃）		1850.749	1864.251	1850-1915	PASS
	Extreme（20℃）		1850.768	1864.232	1850-1915	PASS
	Extreme（10℃）		1850.784	1864.216	1850-1915	PASS
	Extreme（0℃）		1850.749	1864.251	1850-1915	PASS
	Extreme（-10℃）		1850.791	1864.209	1850-1915	PASS
	Extreme（-20℃）		1850.744	1864.256	1850-1915	PASS
	Extreme（-30℃）	1850.753	1864.247	1850-1915	PASS	
	25℃	LV	1850.734	1864.266	1850-1915	PASS
HV		1850.728	1864.272	1850-1915	PASS	
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	1851.035	1868.965	1850-1915	PASS
	Extreme（40℃）		1851.046	1868.954	1850-1915	PASS
	Extreme（30℃）		1851.048	1868.952	1850-1915	PASS
	Extreme（20℃）		1851.009	1868.991	1850-1915	PASS
	Extreme（10℃）		1851.007	1868.993	1850-1915	PASS
	Extreme（0℃）		1851.031	1868.969	1850-1915	PASS
	Extreme（-10℃）		1851.019	1868.981	1850-1915	PASS
	Extreme（-20℃）		1851.038	1868.962	1850-1915	PASS
	Extreme（-30℃）	1851.005	1868.995	1850-1915	PASS	
	25℃	LV	1851.042	1868.958	1850-1915	PASS
HV		1851.000	1869.000	1850-1915	PASS	
LTE B25	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
1914.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1913.748	1914.852	1850-1915	PASS
	Extreme (40℃)		1913.748	1914.852	1850-1915	PASS
	Extreme (30℃)		1913.747	1914.853	1850-1915	PASS
	Extreme (20℃)		1913.750	1914.850	1850-1915	PASS
	Extreme (10℃)		1913.750	1914.850	1850-1915	PASS
	Extreme (0℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (-10℃)		1913.747	1914.853	1850-1915	PASS
	Extreme (-20℃)		1913.748	1914.852	1850-1915	PASS
	Extreme (-30℃)		1913.749	1914.851	1850-1915	PASS
	25℃	LV	1913.748	1914.852	1850-1915	PASS
HV		1913.749	1914.851	1850-1915	PASS	
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1913.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1912.147	1914.853	1850-1915	PASS
	Extreme (40℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (30℃)		1912.147	1914.853	1850-1915	PASS
	Extreme (20℃)		1912.146	1914.854	1850-1915	PASS
	Extreme (10℃)		1912.147	1914.853	1850-1915	PASS
	Extreme (0℃)		1912.147	1914.853	1850-1915	PASS
	Extreme (-10℃)		1912.146	1914.854	1850-1915	PASS
	Extreme (-20℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (-30℃)		1912.145	1914.855	1850-1915	PASS
	25℃	LV	1912.148	1914.852	1850-1915	PASS
HV		1912.148	1914.852	1850-1915	PASS	
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1912.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1910.279	1914.721	1850-1915	PASS
	Extreme (40℃)		1910.232	1914.768	1850-1915	PASS
	Extreme (30℃)		1910.246	1914.754	1850-1915	PASS
	Extreme (20℃)		1910.262	1914.738	1850-1915	PASS
	Extreme (10℃)		1910.283	1914.717	1850-1915	PASS
	Extreme (0℃)		1910.259	1914.741	1850-1915	PASS

	Extreme (-10°C)		1910.209	1914.791	1850-1915	PASS
	Extreme (-20°C)		1910.207	1914.793	1850-1915	PASS
	Extreme (-30°C)		1910.230	1914.770	1850-1915	PASS
	25°C	LV	1910.251	1914.749	1850-1915	PASS
		HV	1910.278	1914.722	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1905.569	1914.431	1850-1915	PASS
	Extreme (40°C)		1905.635	1914.365	1850-1915	PASS
	Extreme (30°C)		1905.638	1914.362	1850-1915	PASS
	Extreme (20°C)		1905.599	1914.401	1850-1915	PASS
	Extreme (10°C)		1905.520	1914.480	1850-1915	PASS
	Extreme (0°C)		1905.588	1914.412	1850-1915	PASS
	Extreme (-10°C)		1905.601	1914.399	1850-1915	PASS
	Extreme (-20°C)		1905.517	1914.483	1850-1915	PASS
	Extreme (-30°C)		1905.619	1914.381	1850-1915	PASS
	25°C	LV	1905.643	1914.357	1850-1915	PASS
		HV	1905.535	1914.465	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1900.775	1914.225	1850-1915	PASS
	Extreme (40°C)		1900.715	1914.285	1850-1915	PASS
	Extreme (30°C)		1900.723	1914.277	1850-1915	PASS
	Extreme (20°C)		1900.785	1914.215	1850-1915	PASS
	Extreme (10°C)		1900.772	1914.228	1850-1915	PASS
	Extreme (0°C)		1900.719	1914.281	1850-1915	PASS
	Extreme (-10°C)		1900.799	1914.201	1850-1915	PASS
	Extreme (-20°C)		1900.725	1914.275	1850-1915	PASS
	Extreme (-30°C)		1900.728	1914.272	1850-1915	PASS
	25°C	LV	1900.799	1914.201	1850-1915	PASS
		HV	1900.733	1914.267	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	20MHz				

	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1895.922	1914.078	1850-1915	PASS
	Extreme (40°C)		1895.901	1914.099	1850-1915	PASS
	Extreme (30°C)		1895.902	1914.098	1850-1915	PASS
	Extreme (20°C)		1895.988	1914.012	1850-1915	PASS
	Extreme (10°C)		1895.941	1914.059	1850-1915	PASS
	Extreme (0°C)		1895.932	1914.068	1850-1915	PASS
	Extreme (-10°C)		1895.970	1914.030	1850-1915	PASS
	Extreme (-20°C)		1895.992	1914.008	1850-1915	PASS
	Extreme (-30°C)		1895.986	1914.014	1850-1915	PASS
	25°C	LV	1895.939	1914.061	1850-1915	PASS
		HV	1895.931	1914.069	1850-1915	PASS

BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	PASS
	Extreme (50°C)	NV	16.62	0.02030	
	Extreme (40°C)		12.36	0.01509	
	Extreme (30°C)		9.66	0.01179	
	Extreme (20°C)		3.34	0.00408	
	Extreme (10°C)		5.45	0.00666	
	Extreme (0°C)		10.52	0.01285	
	Extreme (-10°C)		9.83	0.01200	
	Extreme (-20°C)		17.06	0.02083	
	Extreme (-30°C)		4.74	0.00579	
	25°C	LV	6.21	0.00758	PASS
		HV	6.72	0.00820	PASS

BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	PASS
	Extreme (50°C)	NV	1.81	0.00221	
	Extreme (40°C)		1.13	0.00138	
	Extreme (30°C)		8.14	0.00994	
	Extreme (20°C)		7.48	0.00913	
	Extreme (10°C)		11.20	0.01367	
	Extreme (0°C)		17.79	0.02172	
	Extreme (-10°C)		13.65	0.01667	
	Extreme (-20°C)		6.45	0.00788	
	Extreme (-30°C)		15.29	0.01867	
	25°C	LV	5.62	0.00686	PASS

		HV	10.15	0.01239	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.44	0.01641	PASS
	Extreme (40°C)		9.66	0.01180	PASS
	Extreme (30°C)		7.84	0.00957	PASS
	Extreme (20°C)		9.34	0.01140	PASS
	Extreme (10°C)		16.24	0.01983	PASS
	Extreme (0°C)		10.11	0.01234	PASS
	Extreme (-10°C)		2.68	0.00328	PASS
	Extreme (-20°C)		1.07	0.00131	PASS
	Extreme (-30°C)		13.40	0.01636	PASS
	25°C	LV	13.76	0.01680	PASS
		HV	12.33	0.01506	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	8.27	0.01010	PASS
	Extreme (40°C)		13.08	0.01597	PASS
	Extreme (30°C)		4.65	0.00568	PASS
	Extreme (20°C)		16.90	0.02063	PASS
	Extreme (10°C)		1.01	0.00123	PASS
	Extreme (0°C)		5.97	0.00728	PASS
	Extreme (-10°C)		11.35	0.01386	PASS
	Extreme (-20°C)		3.76	0.00459	PASS
	Extreme (-30°C)		16.91	0.02065	PASS
	25°C	LV	5.57	0.00680	PASS
		HV	16.47	0.02011	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	15.67	0.01873	PASS
	Extreme (40°C)		13.34	0.01595	PASS
	Extreme (30°C)		6.05	0.00723	PASS
	Extreme (20°C)		2.00	0.00239	PASS

	Extreme (10°C)		5.95	0.00711	PASS
	Extreme (0°C)		17.38	0.02077	PASS
	Extreme (-10°C)		15.81	0.01890	PASS
	Extreme (-20°C)		11.31	0.01352	PASS
	Extreme (-30°C)		2.60	0.00311	PASS
	25°C	LV	12.66	0.01514	PASS
		HV	9.34	0.01117	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.24	0.00866	PASS
	Extreme (40°C)		17.97	0.02148	PASS
	Extreme (30°C)		5.44	0.00651	PASS
	Extreme (20°C)		4.78	0.00572	PASS
	Extreme (10°C)		14.84	0.01774	PASS
	Extreme (0°C)		15.19	0.01816	PASS
	Extreme (-10°C)		5.29	0.00633	PASS
	Extreme (-20°C)		11.01	0.01317	PASS
	Extreme (-30°C)		16.15	0.01931	PASS
	25°C	LV	9.75	0.01166	PASS
		HV	11.81	0.01412	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.91	0.00826	PASS
	Extreme (40°C)		10.47	0.01251	PASS
	Extreme (30°C)		5.23	0.00626	PASS
	Extreme (20°C)		5.45	0.00652	PASS
	Extreme (10°C)		2.02	0.00242	PASS
	Extreme (0°C)		3.04	0.00364	PASS
	Extreme (-10°C)		10.26	0.01226	PASS
	Extreme (-20°C)		6.17	0.00738	PASS
	Extreme (-30°C)		2.09	0.00249	PASS
	25°C	LV	1.27	0.00152	PASS
		HV	16.96	0.02028	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme (50°C)	NV	13.55	0.01620	PASS
	Extreme (40°C)		10.14	0.01213	PASS
	Extreme (30°C)		9.04	0.01081	PASS
	Extreme (20°C)		3.57	0.00427	PASS
	Extreme (10°C)		17.44	0.02085	PASS
	Extreme (0°C)		16.95	0.02026	PASS
	Extreme (-10°C)		7.72	0.00923	PASS
	Extreme (-20°C)		11.58	0.01384	PASS
	Extreme (-30°C)		6.61	0.00790	PASS
	25°C	LV	7.53	0.00900	PASS
		HV	1.15	0.00138	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.01	0.00719	PASS
	Extreme (40°C)		16.44	0.01966	PASS
	Extreme (30°C)		13.82	0.01653	PASS
	Extreme (20°C)		10.12	0.01209	PASS
	Extreme (10°C)		5.03	0.00602	PASS
	Extreme (0°C)		8.33	0.00995	PASS
	Extreme (-10°C)		9.89	0.01182	PASS
	Extreme (-20°C)		8.14	0.00973	PASS
	Extreme (-30°C)		1.57	0.00188	PASS
	25°C	LV	4.26	0.00509	PASS
		HV	5.82	0.00695	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	2570.265	2574.735	2570-2620	PASS
	Extreme (40℃)		2570.278	2574.722	2570-2620	PASS
	Extreme (30℃)		2570.295	2574.705	2570-2620	PASS
	Extreme (20℃)		2570.262	2574.738	2570-2620	PASS
	Extreme (10℃)		2570.275	2574.725	2570-2620	PASS
	Extreme (0℃)		2570.243	2574.757	2570-2620	PASS
	Extreme (-10℃)		2570.283	2574.717	2570-2620	PASS
	Extreme (-20℃)		2570.229	2574.771	2570-2620	PASS
	Extreme (-30℃)		2570.270	2574.730	2570-2620	PASS
	25℃	LV	2570.268	2574.732	2570-2620	PASS
		HV	2570.244	2574.756	2570-2620	PASS

LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	BANDWIDTH	10MHz	QPSK	QPSK	2570-2620	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.644	2579.356	2570-2620	PASS
	Extreme (40°C)		2570.573	2579.427	2570-2620	PASS
	Extreme (30°C)		2570.635	2579.365	2570-2620	PASS
	Extreme (20°C)		2570.567	2579.433	2570-2620	PASS
	Extreme (10°C)		2570.561	2579.439	2570-2620	PASS
	Extreme (0°C)		2570.552	2579.448	2570-2620	PASS
	Extreme (-10°C)		2570.516	2579.484	2570-2620	PASS
	Extreme (-20°C)		2570.595	2579.405	2570-2620	PASS
	Extreme (-30°C)		2570.593	2579.407	2570-2620	PASS
	25°C	LV	2570.575	2579.425	2570-2620	PASS
		HV	2570.647	2579.353	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2577.5	BANDWIDTH	15MHz	QPSK	QPSK	2570-2620	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.726	2584.274	2570-2620	PASS
	Extreme (40°C)		2570.733	2584.267	2570-2620	PASS
	Extreme (30°C)		2570.721	2584.279	2570-2620	PASS
	Extreme (20°C)		2570.709	2584.291	2570-2620	PASS
	Extreme (10°C)		2570.733	2584.267	2570-2620	PASS
	Extreme (0°C)		2570.749	2584.251	2570-2620	PASS
	Extreme (-10°C)		2570.778	2584.222	2570-2620	PASS
	Extreme (-20°C)		2570.755	2584.245	2570-2620	PASS
	Extreme (-30°C)		2570.743	2584.257	2570-2620	PASS
	25°C	LV	2570.731	2584.269	2570-2620	PASS
		HV	2570.724	2584.276	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	BANDWIDTH	20MHz	QPSK	QPSK	2570-2620	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2571.019	2588.981	2570-2620	PASS
	Extreme (40°C)		2571.042	2588.958	2570-2620	PASS
	Extreme (30°C)		2571.029	2588.971	2570-2620	PASS
	Extreme (20°C)		2571.026	2588.974	2570-2620	PASS

	Extreme (10°C)		2571.000	2589.000	2570-2620	PASS
	Extreme (0°C)		2571.041	2588.959	2570-2620	PASS
	Extreme (-10°C)		2571.043	2588.957	2570-2620	PASS
	Extreme (-20°C)		2571.028	2588.972	2570-2620	PASS
	Extreme (-30°C)		2571.007	2588.993	2570-2620	PASS
	25°C	LV	2571.033	2588.967	2570-2620	PASS
		HV	2571.030	2588.970	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2615.246	2619.754	2570-2620	PASS
	Extreme (40°C)		2615.246	2619.754	2570-2620	PASS
	Extreme (30°C)		2615.258	2619.742	2570-2620	PASS
	Extreme (20°C)		2615.265	2619.735	2570-2620	PASS
	Extreme (10°C)		2615.270	2619.730	2570-2620	PASS
	Extreme (0°C)		2615.265	2619.735	2570-2620	PASS
	Extreme (-10°C)		2615.288	2619.712	2570-2620	PASS
	Extreme (-20°C)		2615.225	2619.775	2570-2620	PASS
	Extreme (-30°C)		2615.294	2619.706	2570-2620	PASS
	25°C	LV	2615.257	2619.743	2570-2620	PASS
		HV	2615.214	2619.786	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2610.648	2619.352	2570-2620	PASS
	Extreme (40°C)		2610.520	2619.480	2570-2620	PASS
	Extreme (30°C)		2610.626	2619.374	2570-2620	PASS
	Extreme (20°C)		2610.609	2619.391	2570-2620	PASS
	Extreme (10°C)		2610.565	2619.435	2570-2620	PASS
	Extreme (0°C)		2610.525	2619.475	2570-2620	PASS
	Extreme (-10°C)		2610.646	2619.354	2570-2620	PASS
	Extreme (-20°C)		2610.515	2619.485	2570-2620	PASS
	Extreme (-30°C)		2610.514	2619.486	2570-2620	PASS
	25°C	LV	2610.589	2619.411	2570-2620	PASS
		HV	2610.554	2619.446	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2612.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2605.738	2619.262	2570-2620	PASS
	Extreme (40°C)		2605.712	2619.288	2570-2620	PASS
	Extreme (30°C)		2605.784	2619.216	2570-2620	PASS
	Extreme (20°C)		2605.794	2619.206	2570-2620	PASS
	Extreme (10°C)		2605.761	2619.239	2570-2620	PASS
	Extreme (0°C)		2605.779	2619.221	2570-2620	PASS
	Extreme (-10°C)		2605.716	2619.284	2570-2620	PASS
	Extreme (-20°C)		2605.800	2619.200	2570-2620	PASS
	Extreme (-30°C)		2605.756	2619.244	2570-2620	PASS
	25°C	LV	2605.728	2619.272	2570-2620	PASS
		HV	2605.762	2619.238	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°C)	NV	2600.945	2619.055	2570-2620	PASS
	Extreme (40°C)		2600.976	2619.024	2570-2620	PASS
	Extreme (30°C)		2600.944	2619.056	2570-2620	PASS
	Extreme (20°C)		2600.999	2619.001	2570-2620	PASS
	Extreme (10°C)		2600.987	2619.013	2570-2620	PASS
	Extreme (0°C)		2600.942	2619.058	2570-2620	PASS
	Extreme (-10°C)		2600.991	2619.009	2570-2620	PASS
	Extreme (-20°C)		2600.951	2619.049	2570-2620	PASS
	Extreme (-30°C)		2600.955	2619.045	2570-2620	PASS
	25°C	LV	2600.915	2619.085	2570-2620	PASS
		HV	2600.922	2619.078	2570-2620	PASS

LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2537.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2535.257	2539.743	2535-2655	PASS
	Extreme (40°C)		2535.253	2539.747	2535-2655	PASS
	Extreme (30°C)		2535.216	2539.784	2535-2655	PASS
	Extreme (20°C)		2535.239	2539.761	2535-2655	PASS
	Extreme (10°C)		2535.226	2539.774	2535-2655	PASS
	Extreme (0°C)		2535.296	2539.704	2535-2655	PASS
	Extreme (-10°C)		2535.292	2539.708	2535-2655	PASS

	Extreme (-20°C)		2535.245	2539.755	2535-2655	PASS
	Extreme (-30°C)		2535.297	2539.703	2535-2655	PASS
	25°C	LV	2535.201	2539.799	2535-2655	PASS
		HV	2535.279	2539.721	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2540	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2535.508	2544.492	2535-2655	PASS
	Extreme (40°C)		2535.503	2544.497	2535-2655	PASS
	Extreme (30°C)		2535.585	2544.415	2535-2655	PASS
	Extreme (20°C)		2535.565	2544.435	2535-2655	PASS
	Extreme (10°C)		2535.618	2544.382	2535-2655	PASS
	Extreme (0°C)		2535.552	2544.448	2535-2655	PASS
	Extreme (-10°C)		2535.530	2544.470	2535-2655	PASS
	Extreme (-20°C)		2535.573	2544.427	2535-2655	PASS
	Extreme (-30°C)		2535.592	2544.408	2535-2655	PASS
	25°C	LV	2535.551	2544.449	2535-2655	PASS
		HV	2535.632	2544.368	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2542.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2535.737	2549.263	2535-2655	PASS
	Extreme (40°C)		2535.786	2549.214	2535-2655	PASS
	Extreme (30°C)		2535.746	2549.254	2535-2655	PASS
	Extreme (20°C)		2535.764	2549.236	2535-2655	PASS
	Extreme (10°C)		2535.726	2549.274	2535-2655	PASS
	Extreme (0°C)		2535.711	2549.289	2535-2655	PASS
	Extreme (-10°C)		2535.719	2549.281	2535-2655	PASS
	Extreme (-20°C)		2535.718	2549.282	2535-2655	PASS
	Extreme (-30°C)		2535.747	2549.253	2535-2655	PASS
	25°C	LV	2535.729	2549.271	2535-2655	PASS
		HV	2535.796	2549.204	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2545	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				

	Extreme (50°C)	NV	2536.035	2553.965	2535-2655	PASS
	Extreme (40°C)		2536.000	2554.000	2535-2655	PASS
	Extreme (30°C)		2536.028	2553.972	2535-2655	PASS
	Extreme (20°C)		2536.024	2553.976	2535-2655	PASS
	Extreme (10°C)		2536.036	2553.964	2535-2655	PASS
	Extreme (0°C)		2536.014	2553.986	2535-2655	PASS
	Extreme (-10°C)		2536.020	2553.980	2535-2655	PASS
	Extreme (-20°C)		2536.015	2553.985	2535-2655	PASS
	Extreme (-30°C)		2536.004	2553.996	2535-2655	PASS
	25°C	LV	2536.006	2553.994	2535-2655	PASS
		HV	2536.036	2553.964	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2652.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2650.275	2654.725	2535-2655	PASS
	Extreme (40°C)		2650.207	2654.793	2535-2655	PASS
	Extreme (30°C)		2650.225	2654.775	2535-2655	PASS
	Extreme (20°C)		2650.211	2654.789	2535-2655	PASS
	Extreme (10°C)		2650.282	2654.718	2535-2655	PASS
	Extreme (0°C)		2650.296	2654.704	2535-2655	PASS
	Extreme (-10°C)		2650.234	2654.766	2535-2655	PASS
	Extreme (-20°C)		2650.294	2654.706	2535-2655	PASS
	Extreme (-30°C)		2650.231	2654.769	2535-2655	PASS
	25°C	LV	2650.277	2654.723	2535-2655	PASS
		HV	2650.240	2654.760	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2650	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2645.535	2654.465	2496-2690	PASS
	Extreme (40°C)		2645.594	2654.406	2496-2690	PASS
	Extreme (30°C)		2645.575	2654.425	2496-2690	PASS
	Extreme (20°C)		2645.592	2654.408	2496-2690	PASS
	Extreme (10°C)		2645.520	2654.480	2496-2690	PASS
	Extreme (0°C)		2645.559	2654.441	2496-2690	PASS
	Extreme (-10°C)		2645.611	2654.389	2496-2690	PASS
	Extreme (-20°C)		2645.571	2654.429	2496-2690	PASS
	Extreme (-30°C)		2645.645	2654.355	2496-2690	PASS
	25°C	LV	2645.612	2654.388	2496-2690	PASS

		HV	2645.518	2654.482	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2647.5	BANDWIDTH	15MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2640.738	2654.262	2535-2655	PASS
	Extreme (40°C)		2640.798	2654.202	2535-2655	PASS
	Extreme (30°C)		2640.765	2654.235	2535-2655	PASS
	Extreme (20°C)		2640.727	2654.273	2535-2655	PASS
	Extreme (10°C)		2640.784	2654.216	2535-2655	PASS
	Extreme (0°C)		2640.786	2654.214	2535-2655	PASS
	Extreme (-10°C)		2640.745	2654.255	2535-2655	PASS
	Extreme (-20°C)		2640.770	2654.230	2535-2655	PASS
	Extreme (-30°C)		2640.705	2654.295	2535-2655	PASS
	25°C	LV	2640.717	2654.283	2535-2655	PASS
		HV	2640.717	2654.283	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2645	BANDWIDTH	20MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2635.920	2654.080	2535-2655	PASS
	Extreme (40°C)		2635.908	2654.092	2535-2655	PASS
	Extreme (30°C)		2635.921	2654.079	2535-2655	PASS
	Extreme (20°C)		2635.914	2654.086	2535-2655	PASS
	Extreme (10°C)		2635.948	2654.052	2535-2655	PASS
	Extreme (0°C)		2635.948	2654.052	2535-2655	PASS
	Extreme (-10°C)		2635.932	2654.068	2535-2655	PASS
	Extreme (-20°C)		2635.945	2654.055	2535-2655	PASS
	Extreme (-30°C)		2635.924	2654.076	2535-2655	PASS
	25°C	LV	2635.934	2654.066	2535-2655	PASS
		HV	2635.924	2654.076	2535-2655	PASS

LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.148	1711.252	1710-1780	PASS
	Extreme (40°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (30°C)		1710.150	1711.250	1710-1780	PASS

	Extreme (20℃)		1710.149	1711.251	1710-1780	PASS
	Extreme (10℃)		1710.148	1711.252	1710-1780	PASS
	Extreme (0℃)		1710.149	1711.251	1710-1780	PASS
	Extreme (-10℃)		1710.146	1711.254	1710-1780	PASS
	Extreme (-20℃)		1710.147	1711.253	1710-1780	PASS
	Extreme (-30℃)		1710.148	1711.252	1710-1780	PASS
	25℃	LV	1710.148	1711.252	1710-1780	PASS
		HV	1710.146	1711.254	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.146	1712.854	1710-1780	PASS
	Extreme (40℃)		1710.146	1712.854	1710-1780	PASS
	Extreme (30℃)		1710.148	1712.852	1710-1780	PASS
	Extreme (20℃)		1710.146	1712.854	1710-1780	PASS
	Extreme (10℃)		1710.149	1712.851	1710-1780	PASS
	Extreme (0℃)		1710.146	1712.854	1710-1780	PASS
	Extreme (-10℃)		1710.149	1712.851	1710-1780	PASS
	Extreme (-20℃)		1710.150	1712.850	1710-1780	PASS
	Extreme (-30℃)		1710.148	1712.852	1710-1780	PASS
	25℃	LV	1710.149	1712.851	1710-1780	PASS
		HV	1710.147	1712.853	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.238	1714.762	1710-1780	PASS
	Extreme (40℃)		1710.277	1714.723	1710-1780	PASS
	Extreme (30℃)		1710.231	1714.769	1710-1780	PASS
	Extreme (20℃)		1710.262	1714.738	1710-1780	PASS
	Extreme (10℃)		1710.223	1714.777	1710-1780	PASS
	Extreme (0℃)		1710.216	1714.784	1710-1780	PASS
	Extreme (-10℃)		1710.236	1714.764	1710-1780	PASS
	Extreme (-20℃)		1710.220	1714.780	1710-1780	PASS
	Extreme (-30℃)		1710.221	1714.779	1710-1780	PASS
	25℃	LV	1710.275	1714.725	1710-1780	PASS
		HV	1710.211	1714.789	1710-1780	PASS
LTE B66	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
1715	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.533	1719.467	1710-1780	PASS
	Extreme (40℃)		1710.622	1719.378	1710-1780	PASS
	Extreme (30℃)		1710.541	1719.459	1710-1780	PASS
	Extreme (20℃)		1710.531	1719.469	1710-1780	PASS
	Extreme (10℃)		1710.521	1719.479	1710-1780	PASS
	Extreme (0℃)		1710.559	1719.441	1710-1780	PASS
	Extreme (-10℃)		1710.509	1719.491	1710-1780	PASS
	Extreme (-20℃)		1710.615	1719.385	1710-1780	PASS
	Extreme (-30℃)		1710.508	1719.492	1710-1780	PASS
	25℃	LV	1710.623	1719.377	1710-1780	PASS
HV		1710.633	1719.367	1710-1780	PASS	
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.781	1724.219	1710-1780	PASS
	Extreme (40℃)		1710.798	1724.202	1710-1780	PASS
	Extreme (30℃)		1710.762	1724.238	1710-1780	PASS
	Extreme (20℃)		1710.735	1724.265	1710-1780	PASS
	Extreme (10℃)		1710.702	1724.298	1710-1780	PASS
	Extreme (0℃)		1710.702	1724.298	1710-1780	PASS
	Extreme (-10℃)		1710.796	1724.204	1710-1780	PASS
	Extreme (-20℃)		1710.745	1724.255	1710-1780	PASS
	Extreme (-30℃)		1710.769	1724.231	1710-1780	PASS
	25℃	LV	1710.727	1724.273	1710-1780	PASS
HV		1710.721	1724.279	1710-1780	PASS	
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.013	1728.987	1710-1780	PASS
	Extreme (40℃)		1711.035	1728.965	1710-1780	PASS
	Extreme (30℃)		1711.013	1728.987	1710-1780	PASS
	Extreme (20℃)		1711.034	1728.966	1710-1780	PASS
	Extreme (10℃)		1711.049	1728.951	1710-1780	PASS
	Extreme (0℃)		1711.017	1728.983	1710-1780	PASS

	Extreme (-10°C)		1711.048	1728.952	1710-1780	PASS
	Extreme (-20°C)		1711.035	1728.965	1710-1780	PASS
	Extreme (-30°C)		1711.020	1728.980	1710-1780	PASS
	25°C	LV	1711.033	1728.967	1710-1780	PASS
		HV	1711.020	1728.980	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1779.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1778.750	1779.850	1710-1780	PASS
	Extreme (40°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (30°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (20°C)		1778.750	1779.850	1710-1780	PASS
	Extreme (10°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (0°C)		1778.747	1779.853	1710-1780	PASS
	Extreme (-10°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (-20°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (-30°C)		1778.745	1779.855	1710-1780	PASS
	25°C	LV	1778.748	1779.852	1710-1780	PASS
		HV	1778.749	1779.851	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1778.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1777.146	1779.854	1710-1780	PASS
	Extreme (40°C)		1777.145	1779.855	1710-1780	PASS
	Extreme (30°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (20°C)		1777.148	1779.852	1710-1780	PASS
	Extreme (10°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (0°C)		1777.147	1779.853	1710-1780	PASS
	Extreme (-10°C)		1777.148	1779.852	1710-1780	PASS
	Extreme (-20°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (-30°C)		1777.149	1779.851	1710-1780	PASS
	25°C	LV	1777.146	1779.854	1710-1780	PASS
		HV	1777.149	1779.851	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1777.5	BANDWIDTH	5MHz				

	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1775.257	1779.743	1710-1780	PASS
	Extreme (40℃)		1775.238	1779.762	1710-1780	PASS
	Extreme (30℃)		1775.243	1779.757	1710-1780	PASS
	Extreme (20℃)		1775.219	1779.781	1710-1780	PASS
	Extreme (10℃)		1775.202	1779.798	1710-1780	PASS
	Extreme (0℃)		1775.291	1779.709	1710-1780	PASS
	Extreme (-10℃)		1775.202	1779.798	1710-1780	PASS
	Extreme (-20℃)		1775.216	1779.784	1710-1780	PASS
	Extreme (-30℃)		1775.206	1779.794	1710-1780	PASS
	25℃	LV	1775.279	1779.721	1710-1780	PASS
		HV	1775.286	1779.714	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1770.513	1779.487	1710-1780	PASS
	Extreme (40℃)		1770.582	1779.418	1710-1780	PASS
	Extreme (30℃)		1770.507	1779.493	1710-1780	PASS
	Extreme (20℃)		1770.554	1779.446	1710-1780	PASS
	Extreme (10℃)		1770.536	1779.464	1710-1780	PASS
	Extreme (0℃)		1770.573	1779.427	1710-1780	PASS
	Extreme (-10℃)		1770.543	1779.457	1710-1780	PASS
	Extreme (-20℃)		1770.632	1779.368	1710-1780	PASS
	Extreme (-30℃)		1770.636	1779.364	1710-1780	PASS
	25℃	LV	1770.514	1779.486	1710-1780	PASS
HV		1770.617	1779.383	1710-1780	PASS	
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1765.797	1779.203	1710-1780	PASS
	Extreme (40℃)		1765.713	1779.287	1710-1780	PASS
	Extreme (30℃)		1765.781	1779.219	1710-1780	PASS
	Extreme (20℃)		1765.711	1779.289	1710-1780	PASS
	Extreme (10℃)		1765.731	1779.269	1710-1780	PASS
	Extreme (0℃)		1765.702	1779.298	1710-1780	PASS
	Extreme (-10℃)		1765.773	1779.227	1710-1780	PASS
	Extreme (-20℃)		1765.704	1779.296	1710-1780	PASS
	Extreme (-30℃)		1765.717	1779.283	1710-1780	PASS

	25°C	LV	1765.735	1779.265	1710-1780	PASS
		HV	1765.725	1779.275	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1770	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1760.942	1779.058	1710-1780	PASS
	Extreme (40°C)		1760.928	1779.072	1710-1780	PASS
	Extreme (30°C)		1760.901	1779.099	1710-1780	PASS
	Extreme (20°C)		1760.924	1779.076	1710-1780	PASS
	Extreme (10°C)		1760.926	1779.074	1710-1780	PASS
	Extreme (0°C)		1761.000	1779.000	1710-1780	PASS
	Extreme (-10°C)		1760.935	1779.065	1710-1780	PASS
	Extreme (-20°C)		1760.947	1779.053	1710-1780	PASS
	Extreme (-30°C)		1760.929	1779.071	1710-1780	PASS
	25°C	LV	1760.959	1779.041	1710-1780	PASS
		HV	1760.964	1779.036	1710-1780	PASS