

Frequency Stability

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.147	1851.253	1850-1910	PASS
	Extreme (40℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (30℃)		1850.146	1851.254	1850-1910	PASS
	Extreme (20℃)		1850.150	1851.250	1850-1910	PASS
	Extreme (10℃)		1850.150	1851.250	1850-1910	PASS
	Extreme (0℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (-10℃)		1850.145	1851.255	1850-1910	PASS
	Extreme (-20℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (-30℃)		1850.149	1851.251	1850-1910	PASS
	25℃	LV	1850.147	1851.253	1850-1910	PASS
		HV	1850.149	1851.251	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.150	1852.850	1850-1910	PASS
	Extreme (40℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (30℃)		1850.147	1852.853	1850-1910	PASS
	Extreme (20℃)		1850.149	1852.851	1850-1910	PASS
	Extreme (10℃)		1850.146	1852.854	1850-1910	PASS
	Extreme (0℃)		1850.146	1852.854	1850-1910	PASS
	Extreme (-10℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (-20℃)		1850.145	1852.855	1850-1910	PASS
	Extreme (-30℃)		1850.148	1852.852	1850-1910	PASS
	25℃	LV	1850.148	1852.852	1850-1910	PASS
		HV	1850.148	1852.852	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.228	1854.772	1850-1910	PASS
	Extreme (40℃)		1850.220	1854.780	1850-1910	PASS
	Extreme (30℃)		1850.291	1854.709	1850-1910	PASS

	Extreme (20°C)		1850.225	1854.775	1850-1910	PASS
	Extreme (10°C)		1850.207	1854.793	1850-1910	PASS
	Extreme (0°C)		1850.290	1854.710	1850-1910	PASS
	Extreme (-10°C)		1850.290	1854.710	1850-1910	PASS
	Extreme (-20°C)		1850.243	1854.757	1850-1910	PASS
	Extreme (-30°C)		1850.226	1854.774	1850-1910	PASS
	25°C	LV	1850.267	1854.733	1850-1910	PASS
		HV	1850.224	1854.776	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	1850.640	1859.360	1850-1910	PASS
	Extreme (40°C)		1850.508	1859.492	1850-1910	PASS
	Extreme (30°C)		1850.649	1859.351	1850-1910	PASS
	Extreme (20°C)		1850.633	1859.367	1850-1910	PASS
	Extreme (10°C)		1850.636	1859.364	1850-1910	PASS
	Extreme (0°C)		1850.631	1859.369	1850-1910	PASS
	Extreme (-10°C)		1850.535	1859.465	1850-1910	PASS
	Extreme (-20°C)		1850.517	1859.483	1850-1910	PASS
	Extreme (-30°C)		1850.567	1859.433	1850-1910	PASS
	25°C	LV	1850.564	1859.436	1850-1910	PASS
		HV	1850.624	1859.376	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	1850.720	1864.280	1850-1910	PASS
	Extreme (40°C)		1850.752	1864.248	1850-1910	PASS
	Extreme (30°C)		1850.769	1864.231	1850-1910	PASS
	Extreme (20°C)		1850.777	1864.223	1850-1910	PASS
	Extreme (10°C)		1850.729	1864.271	1850-1910	PASS
	Extreme (0°C)		1850.710	1864.290	1850-1910	PASS
	Extreme (-10°C)		1850.776	1864.224	1850-1910	PASS
	Extreme (-20°C)		1850.720	1864.280	1850-1910	PASS
	Extreme (-30°C)		1850.784	1864.216	1850-1910	PASS
	25°C	LV	1850.734	1864.266	1850-1910	PASS
		HV	1850.799	1864.201	1850-1910	PASS
LTE B2	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
1860	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1851.007	1868.993	1850-1910	PASS
	Extreme (40°C)		1851.012	1868.988	1850-1910	PASS
	Extreme (30°C)		1851.044	1868.956	1850-1910	PASS
	Extreme (20°C)		1851.020	1868.980	1850-1910	PASS
	Extreme (10°C)		1851.012	1868.988	1850-1910	PASS
	Extreme (0°C)		1851.022	1868.978	1850-1910	PASS
	Extreme (-10°C)		1851.006	1868.994	1850-1910	PASS
	Extreme (-20°C)		1851.013	1868.987	1850-1910	PASS
	Extreme (-30°C)		1851.033	1868.967	1850-1910	PASS
	25°C	LV	1851.011	1868.989	1850-1910	PASS
		HV	1851.029	1868.971	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°C)	NV	1908.750	1909.850	1850-1910	PASS
	Extreme (40°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (30°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (20°C)		1908.746	1909.854	1850-1910	PASS
	Extreme (10°C)		1908.750	1909.850	1850-1910	PASS
	Extreme (0°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (-10°C)		1908.750	1909.850	1850-1910	PASS
	Extreme (-20°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (-30°C)		1908.749	1909.851	1850-1910	PASS
	25°C	LV	1908.748	1909.852	1850-1910	PASS
		HV	1908.749	1909.851	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°C)	NV	1907.147	1909.853	1850-1910	PASS
	Extreme (40°C)		1907.145	1909.855	1850-1910	PASS
	Extreme (30°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (20°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (10°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (0°C)		1907.149	1909.851	1850-1910	PASS

	Extreme (-10°C)		1907.147	1909.853	1850-1910	PASS
	Extreme (-20°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (-30°C)		1907.147	1909.853	1850-1910	PASS
	25°C	LV	1907.150	1909.850	1850-1910	PASS
		HV	1907.148	1909.852	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°C)	NV	1905.300	1909.700	1850-1910	PASS
	Extreme (40°C)		1905.257	1909.743	1850-1910	PASS
	Extreme (30°C)		1905.252	1909.748	1850-1910	PASS
	Extreme (20°C)		1905.250	1909.750	1850-1910	PASS
	Extreme (10°C)		1905.291	1909.709	1850-1910	PASS
	Extreme (0°C)		1905.294	1909.706	1850-1910	PASS
	Extreme (-10°C)		1905.218	1909.782	1850-1910	PASS
	Extreme (-20°C)		1905.273	1909.727	1850-1910	PASS
	Extreme (-30°C)		1905.298	1909.702	1850-1910	PASS
	25°C	LV	1905.236	1909.764	1850-1910	PASS
		HV	1905.248	1909.752	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°C)	NV	1900.501	1909.499	1850-1910	PASS
	Extreme (40°C)		1900.613	1909.387	1850-1910	PASS
	Extreme (30°C)		1900.545	1909.455	1850-1910	PASS
	Extreme (20°C)		1900.632	1909.368	1850-1910	PASS
	Extreme (10°C)		1900.631	1909.369	1850-1910	PASS
	Extreme (0°C)		1900.535	1909.465	1850-1910	PASS
	Extreme (-10°C)		1900.600	1909.400	1850-1910	PASS
	Extreme (-20°C)		1900.522	1909.478	1850-1910	PASS
	Extreme (-30°C)		1900.517	1909.483	1850-1910	PASS
	25°C	LV	1900.523	1909.477	1850-1910	PASS
		HV	1900.649	1909.351	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	1895.720	1909.280	1850-1910	PASS
	Extreme (40℃)		1895.735	1909.265	1850-1910	PASS
	Extreme (30℃)		1895.771	1909.229	1850-1910	PASS
	Extreme (20℃)		1895.778	1909.222	1850-1910	PASS
	Extreme (10℃)		1895.743	1909.257	1850-1910	PASS
	Extreme (0℃)		1895.790	1909.210	1850-1910	PASS
	Extreme (-10℃)		1895.744	1909.256	1850-1910	PASS
	Extreme (-20℃)		1895.739	1909.261	1850-1910	PASS
	Extreme (-30℃)		1895.756	1909.244	1850-1910	PASS
	25℃	LV	1895.743	1909.257	1850-1910	PASS
		HV	1895.766	1909.234	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	1890.988	1909.012	1850-1910	PASS
	Extreme (40℃)		1890.965	1909.035	1850-1910	PASS
	Extreme (30℃)		1890.918	1909.082	1850-1910	PASS
	Extreme (20℃)		1890.954	1909.046	1850-1910	PASS
	Extreme (10℃)		1890.915	1909.085	1850-1910	PASS
	Extreme (0℃)		1890.944	1909.056	1850-1910	PASS
	Extreme (-10℃)		1890.914	1909.086	1850-1910	PASS
	Extreme (-20℃)		1890.929	1909.071	1850-1910	PASS
	Extreme (-30℃)		1890.977	1909.023	1850-1910	PASS
	25℃	LV	1890.972	1909.028	1850-1910	PASS
HV		1890.927	1909.073	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	1710.145	1711.255	1710-1755	PASS
	Extreme (40℃)		1710.149	1711.251	1710-1755	PASS
	Extreme (30℃)		1710.149	1711.251	1710-1755	PASS
	Extreme (20℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (10℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (0℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (-10℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (-20℃)		1710.146	1711.254	1710-1755	PASS
	Extreme (-30℃)		1710.148	1711.252	1710-1755	PASS

	25°C	LV	1710.148	1711.252	1710-1755	PASS
		HV	1710.148	1711.252	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	1710.147	1712.853	1710-1755	PASS
	Extreme (40°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (30°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (20°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (0°C)		1710.150	1712.850	1710-1755	PASS
	Extreme (-10°C)		1710.145	1712.855	1710-1755	PASS
	Extreme (-20°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (-30°C)		1710.146	1712.854	1710-1755	PASS
	25°C	LV	1710.149	1712.851	1710-1755	PASS
		HV	1710.148	1712.852	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.205	1714.795	1710-1755	PASS
	Extreme (40°C)		1710.259	1714.741	1710-1755	PASS
	Extreme (30°C)		1710.225	1714.775	1710-1755	PASS
	Extreme (20°C)		1710.294	1714.706	1710-1755	PASS
	Extreme (10°C)		1710.208	1714.792	1710-1755	PASS
	Extreme (0°C)		1710.248	1714.752	1710-1755	PASS
	Extreme (-10°C)		1710.272	1714.728	1710-1755	PASS
	Extreme (-20°C)		1710.254	1714.746	1710-1755	PASS
	Extreme (-30°C)		1710.257	1714.743	1710-1755	PASS
	25°C	LV	1710.254	1714.746	1710-1755	PASS
		HV	1710.270	1714.730	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.600	1719.400	1710-1755	PASS
	Extreme (40°C)		1710.552	1719.448	1710-1755	PASS

	Extreme (30°C)		1710.633	1719.367	1710-1755	PASS
	Extreme (20°C)		1710.595	1719.405	1710-1755	PASS
	Extreme (10°C)		1710.561	1719.439	1710-1755	PASS
	Extreme (0°C)		1710.521	1719.479	1710-1755	PASS
	Extreme (-10°C)		1710.638	1719.362	1710-1755	PASS
	Extreme (-20°C)		1710.568	1719.432	1710-1755	PASS
	Extreme (-30°C)		1710.593	1719.407	1710-1755	PASS
	25°C	LV	1710.618	1719.382	1710-1755	PASS
		HV	1710.577	1719.423	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.712	1724.288	1710-1755	PASS
	Extreme (40°C)		1710.792	1724.208	1710-1755	PASS
	Extreme (30°C)		1710.714	1724.286	1710-1755	PASS
	Extreme (20°C)		1710.738	1724.262	1710-1755	PASS
	Extreme (10°C)		1710.715	1724.285	1710-1755	PASS
	Extreme (0°C)		1710.751	1724.249	1710-1755	PASS
	Extreme (-10°C)		1710.781	1724.219	1710-1755	PASS
	Extreme (-20°C)		1710.707	1724.293	1710-1755	PASS
	Extreme (-30°C)		1710.772	1724.228	1710-1755	PASS
	25°C	LV	1710.743	1724.257	1710-1755	PASS
		HV	1710.784	1724.216	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.016	1728.984	1710-1755	PASS
	Extreme (40°C)		1711.017	1728.983	1710-1755	PASS
	Extreme (30°C)		1711.030	1728.970	1710-1755	PASS
	Extreme (20°C)		1711.036	1728.964	1710-1755	PASS
	Extreme (10°C)		1711.023	1728.977	1710-1755	PASS
	Extreme (0°C)		1711.036	1728.964	1710-1755	PASS
	Extreme (-10°C)		1711.027	1728.973	1710-1755	PASS
	Extreme (-20°C)		1711.039	1728.961	1710-1755	PASS
	Extreme (-30°C)		1711.048	1728.952	1710-1755	PASS
	25°C	LV	1711.030	1728.970	1710-1755	PASS
		HV	1711.047	1728.953	1710-1755	PASS

LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1753.746	1754.854	1710-1755	PASS
	Extreme (40°C)		1753.746	1754.854	1710-1755	PASS
	Extreme (30°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (20°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (0°C)		1753.750	1754.850	1710-1755	PASS
	Extreme (-10°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (-20°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-30°C)		1753.745	1754.855	1710-1755	PASS
	25°C	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	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1752.148	1754.852	1710-1755	PASS
	Extreme (40°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (30°C)		1752.146	1754.854	1710-1755	PASS
	Extreme (20°C)		1752.145	1754.855	1710-1755	PASS
	Extreme (10°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (0°C)		1752.150	1754.850	1710-1755	PASS
	Extreme (-10°C)		1752.148	1754.852	1710-1755	PASS
	Extreme (-20°C)		1752.150	1754.850	1710-1755	PASS
	Extreme (-30°C)		1752.150	1754.850	1710-1755	PASS
	25°C	LV	1752.148	1754.852	1710-1755	PASS
		HV	1752.147	1754.853	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.265	1754.735	1710-1755	PASS
	Extreme (40°C)		1750.224	1754.776	1710-1755	PASS
	Extreme (30°C)		1750.281	1754.719	1710-1755	PASS
	Extreme (20°C)		1750.211	1754.789	1710-1755	PASS
	Extreme (10°C)		1750.228	1754.772	1710-1755	PASS

	Extreme (0°C)		1750.287	1754.713	1710-1755	PASS
	Extreme (-10°C)		1750.228	1754.772	1710-1755	PASS
	Extreme (-20°C)		1750.286	1754.714	1710-1755	PASS
	Extreme (-30°C)		1750.250	1754.750	1710-1755	PASS
	25°C	LV	1750.251	1754.749	1710-1755	PASS
		HV	1750.202	1754.798	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1745.528	1754.472	1710-1755	PASS
	Extreme (40°C)		1745.578	1754.422	1710-1755	PASS
	Extreme (30°C)		1745.547	1754.453	1710-1755	PASS
	Extreme (20°C)		1745.624	1754.376	1710-1755	PASS
	Extreme (10°C)		1745.577	1754.423	1710-1755	PASS
	Extreme (0°C)		1745.642	1754.358	1710-1755	PASS
	Extreme (-10°C)		1745.523	1754.477	1710-1755	PASS
	Extreme (-20°C)		1745.535	1754.465	1710-1755	PASS
	Extreme (-30°C)		1745.601	1754.399	1710-1755	PASS
	25°C	LV	1745.600	1754.400	1710-1755	PASS
		HV	1745.583	1754.417	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1740.736	1754.264	1710-1755	PASS
	Extreme (40°C)		1740.746	1754.254	1710-1755	PASS
	Extreme (30°C)		1740.756	1754.244	1710-1755	PASS
	Extreme (20°C)		1740.779	1754.221	1710-1755	PASS
	Extreme (10°C)		1740.762	1754.238	1710-1755	PASS
	Extreme (0°C)		1740.778	1754.222	1710-1755	PASS
	Extreme (-10°C)		1740.777	1754.223	1710-1755	PASS
	Extreme (-20°C)		1740.776	1754.224	1710-1755	PASS
	Extreme (-30°C)		1740.763	1754.237	1710-1755	PASS
	25°C	LV	1740.745	1754.255	1710-1755	PASS
		HV	1740.700	1754.300	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	1735.946	1754.054	1710-1755	PASS
	Extreme (40°C)		1735.917	1754.083	1710-1755	PASS
	Extreme (30°C)		1735.980	1754.020	1710-1755	PASS
	Extreme (20°C)		1735.938	1754.062	1710-1755	PASS
	Extreme (10°C)		1735.954	1754.046	1710-1755	PASS
	Extreme (0°C)		1735.985	1754.015	1710-1755	PASS
	Extreme (-10°C)		1735.947	1754.053	1710-1755	PASS
	Extreme (-20°C)		1735.993	1754.007	1710-1755	PASS
	Extreme (-30°C)		1735.955	1754.045	1710-1755	PASS
	25°C	LV	1735.917	1754.083	1710-1755	PASS
		HV	1735.929	1754.071	1710-1755	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	12.85	0.01536	
	Extreme (40°C)		8.20	0.00980	
	Extreme (30°C)		15.55	0.01859	
	Extreme (20°C)		3.67	0.00438	
	Extreme (10°C)		17.56	0.02099	
	Extreme (0°C)		14.73	0.01761	
	Extreme (-10°C)		6.69	0.00800	
	Extreme (-20°C)		10.18	0.01217	
	Extreme (-30°C)		6.03	0.00720	
	25°C	LV	3.29	0.00393	PASS
		HV	2.90	0.00347	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	14.80	0.01769	
	Extreme (40°C)		6.76	0.00808	
	Extreme (30°C)		4.00	0.00478	
	Extreme (20°C)		5.15	0.00616	
	Extreme (10°C)		5.81	0.00694	
	Extreme (0°C)		5.28	0.00631	
	Extreme (-10°C)		2.38	0.00284	
	Extreme (-20°C)		11.26	0.01346	

	Extreme (-30°C)		4.54	0.00543	PASS
	25°C	LV	12.23	0.01462	PASS
		HV	2.60	0.00311	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.19	0.01338	PASS
	Extreme (40°C)		6.84	0.00818	PASS
	Extreme (30°C)		2.60	0.00311	PASS
	Extreme (20°C)		3.95	0.00472	PASS
	Extreme (10°C)		15.48	0.01851	PASS
	Extreme (0°C)		4.78	0.00572	PASS
	Extreme (-10°C)		10.30	0.01231	PASS
	Extreme (-20°C)		6.77	0.00810	PASS
	Extreme (-30°C)		4.83	0.00578	PASS
	25°C	LV	3.78	0.00452	PASS
		HV	14.51	0.01735	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.86	0.00820	PASS
	Extreme (40°C)		10.44	0.01249	PASS
	Extreme (30°C)		15.95	0.01907	PASS
	Extreme (20°C)		5.99	0.00716	PASS
	Extreme (10°C)		14.20	0.01698	PASS
	Extreme (0°C)		13.89	0.01660	PASS
	Extreme (-10°C)		14.59	0.01744	PASS
	Extreme (-20°C)		7.22	0.00863	PASS
	Extreme (-30°C)		1.80	0.00215	PASS
	25°C	LV	7.29	0.00871	PASS
		HV	7.80	0.00933	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	2500.227	2504.773	2500-2570	PASS
	Extreme（40℃）		2500.236	2504.764	2500-2570	PASS
	Extreme（30℃）		2500.211	2504.789	2500-2570	PASS

	Extreme (20°C)		2500.216	2504.784	2500-2570	PASS
	Extreme (10°C)		2500.254	2504.746	2500-2570	PASS
	Extreme (0°C)		2500.235	2504.765	2500-2570	PASS
	Extreme (-10°C)		2500.221	2504.779	2500-2570	PASS
	Extreme (-20°C)		2500.211	2504.789	2500-2570	PASS
	Extreme (-30°C)		2500.295	2504.705	2500-2570	PASS
	25°C	LV	2500.237	2504.763	2500-2570	PASS
		HV	2500.292	2504.708	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.623	2509.377	2500-2570	PASS
	Extreme (40°C)		2500.551	2509.449	2500-2570	PASS
	Extreme (30°C)		2500.644	2509.356	2500-2570	PASS
	Extreme (20°C)		2500.546	2509.454	2500-2570	PASS
	Extreme (10°C)		2500.583	2509.417	2500-2570	PASS
	Extreme (0°C)		2500.579	2509.421	2500-2570	PASS
	Extreme (-10°C)		2500.600	2509.400	2500-2570	PASS
	Extreme (-20°C)		2500.645	2509.355	2500-2570	PASS
	Extreme (-30°C)		2500.596	2509.404	2500-2570	PASS
	25°C	LV	2500.564	2509.436	2500-2570	PASS
		HV	2500.617	2509.383	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.726	2514.274	2500-2570	PASS
	Extreme (40°C)		2500.786	2514.214	2500-2570	PASS
	Extreme (30°C)		2500.792	2514.208	2500-2570	PASS
	Extreme (20°C)		2500.718	2514.282	2500-2570	PASS
	Extreme (10°C)		2500.749	2514.251	2500-2570	PASS
	Extreme (0°C)		2500.787	2514.213	2500-2570	PASS
	Extreme (-10°C)		2500.768	2514.232	2500-2570	PASS
	Extreme (-20°C)		2500.757	2514.243	2500-2570	PASS
	Extreme (-30°C)		2500.792	2514.208	2500-2570	PASS
	25°C	LV	2500.704	2514.296	2500-2570	PASS
		HV	2500.740	2514.260	2500-2570	PASS
LTE B7	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
2510	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2501.015	2518.985	2500-2570	PASS
	Extreme (40°C)		2501.028	2518.972	2500-2570	PASS
	Extreme (30°C)		2501.004	2518.996	2500-2570	PASS
	Extreme (20°C)		2501.027	2518.973	2500-2570	PASS
	Extreme (10°C)		2501.018	2518.982	2500-2570	PASS
	Extreme (0°C)		2501.046	2518.954	2500-2570	PASS
	Extreme (-10°C)		2501.034	2518.966	2500-2570	PASS
	Extreme (-20°C)		2501.004	2518.996	2500-2570	PASS
	Extreme (-30°C)		2501.043	2518.957	2500-2570	PASS
	25°C	LV	2501.042	2518.958	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	QPSK			
	Extreme (50°C)	NV	2565.295	2569.705	2500-2570	PASS
	Extreme (40°C)		2565.269	2569.731	2500-2570	PASS
	Extreme (30°C)		2565.291	2569.709	2500-2570	PASS
	Extreme (20°C)		2565.280	2569.720	2500-2570	PASS
	Extreme (10°C)		2565.218	2569.782	2500-2570	PASS
	Extreme (0°C)		2565.228	2569.772	2500-2570	PASS
	Extreme (-10°C)		2565.242	2569.758	2500-2570	PASS
	Extreme (-20°C)		2565.245	2569.755	2500-2570	PASS
	Extreme (-30°C)		2565.210	2569.790	2500-2570	PASS
	25°C	LV	2565.244	2569.756	2500-2570	PASS
		HV	2565.252	2569.748	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°C)	NV	2560.587	2569.413	2500-2570	PASS
	Extreme (40°C)		2560.588	2569.412	2500-2570	PASS
	Extreme (30°C)		2560.608	2569.392	2500-2570	PASS
	Extreme (20°C)		2560.589	2569.411	2500-2570	PASS
	Extreme (10°C)		2560.521	2569.479	2500-2570	PASS
	Extreme (0°C)		2560.556	2569.444	2500-2570	PASS

	Extreme (-10℃)		2560.535	2569.465	2500-2570	PASS
	Extreme (-20℃)		2560.570	2569.430	2500-2570	PASS
	Extreme (-30℃)		2560.646	2569.354	2500-2570	PASS
	25℃	LV	2560.617	2569.383	2500-2570	PASS
		HV	2560.621	2569.379	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	2555.727	2569.273	2500-2570	PASS
	Extreme (40℃)		2555.795	2569.205	2500-2570	PASS
	Extreme (30℃)		2555.754	2569.246	2500-2570	PASS
	Extreme (20℃)		2555.731	2569.269	2500-2570	PASS
	Extreme (10℃)		2555.798	2569.202	2500-2570	PASS
	Extreme (0℃)		2555.772	2569.228	2500-2570	PASS
	Extreme (-10℃)		2555.770	2569.230	2500-2570	PASS
	Extreme (-20℃)		2555.774	2569.226	2500-2570	PASS
	Extreme (-30℃)		2555.760	2569.240	2500-2570	PASS
	25℃	LV	2555.746	2569.254	2500-2570	PASS
		HV	2555.763	2569.237	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	2550.903	2569.097	2500-2570	PASS
	Extreme (40℃)		2550.923	2569.077	2500-2570	PASS
	Extreme (30℃)		2550.966	2569.034	2500-2570	PASS
	Extreme (20℃)		2550.982	2569.018	2500-2570	PASS
	Extreme (10℃)		2550.927	2569.073	2500-2570	PASS
	Extreme (0℃)		2550.981	2569.019	2500-2570	PASS
	Extreme (-10℃)		2550.950	2569.050	2500-2570	PASS
	Extreme (-20℃)		2550.919	2569.081	2500-2570	PASS
	Extreme (-30℃)		2550.992	2569.008	2500-2570	PASS
	25℃	LV	2550.931	2569.069	2500-2570	PASS
		HV	2550.969	2569.031	2500-2570	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz				

	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.147	700.253	699-716	PASS
	Extreme (40℃)		699.150	700.250	699-716	PASS
	Extreme (30℃)		699.146	700.254	699-716	PASS
	Extreme (20℃)		699.148	700.252	699-716	PASS
	Extreme (10℃)		699.146	700.254	699-716	PASS
	Extreme (0℃)		699.150	700.250	699-716	PASS
	Extreme (-10℃)		699.148	700.252	699-716	PASS
	Extreme (-20℃)		699.148	700.252	699-716	PASS
	Extreme (-30℃)		699.149	700.251	699-716	PASS
	25℃	LV	699.148	700.252	699-716	PASS
		HV	699.147	700.253	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.148	701.852	699-716	PASS
	Extreme (40℃)		699.145	701.855	699-716	PASS
	Extreme (30℃)		699.147	701.853	699-716	PASS
	Extreme (20℃)		699.147	701.853	699-716	PASS
	Extreme (10℃)		699.147	701.853	699-716	PASS
	Extreme (0℃)		699.148	701.852	699-716	PASS
	Extreme (-10℃)		699.145	701.855	699-716	PASS
	Extreme (-20℃)		699.150	701.850	699-716	PASS
	Extreme (-30℃)		699.146	701.854	699-716	PASS
	25℃	LV	699.148	701.852	699-716	PASS
HV		699.150	701.850	699-716	PASS	
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.211	703.789	699-716	PASS
	Extreme (40℃)		699.226	703.774	699-716	PASS
	Extreme (30℃)		699.234	703.766	699-716	PASS
	Extreme (20℃)		699.277	703.723	699-716	PASS
	Extreme (10℃)		699.230	703.770	699-716	PASS
	Extreme (0℃)		699.202	703.798	699-716	PASS
	Extreme (-10℃)		699.217	703.783	699-716	PASS
	Extreme (-20℃)		699.217	703.783	699-716	PASS
	Extreme (-30℃)		699.242	703.758	699-716	PASS

	25°C	LV	699.247	703.753	699-716	PASS
		HV	699.208	703.792	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	699.589	708.411	699-716	PASS
	Extreme (40°C)		699.520	708.480	699-716	PASS
	Extreme (30°C)		699.629	708.371	699-716	PASS
	Extreme (20°C)		699.550	708.450	699-716	PASS
	Extreme (10°C)		699.555	708.445	699-716	PASS
	Extreme (0°C)		699.624	708.376	699-716	PASS
	Extreme (-10°C)		699.551	708.449	699-716	PASS
	Extreme (-20°C)		699.601	708.399	699-716	PASS
	Extreme (-30°C)		699.633	708.367	699-716	PASS
	25°C	LV	699.568	708.432	699-716	PASS
		HV	699.606	708.394	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	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)		714.750	715.850	699-716	PASS
	Extreme (0°C)		714.749	715.851	699-716	PASS
	Extreme (-10°C)		714.746	715.854	699-716	PASS
	Extreme (-20°C)		714.747	715.853	699-716	PASS
	Extreme (-30°C)		714.746	715.854	699-716	PASS
	25°C	LV	714.747	715.853	699-716	PASS
		HV	714.745	715.855	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)		713.150	715.850	699-716	PASS

	Extreme (30°C)		713.146	715.854	699-716	PASS
	Extreme (20°C)		713.146	715.854	699-716	PASS
	Extreme (10°C)		713.150	715.850	699-716	PASS
	Extreme (0°C)		713.148	715.852	699-716	PASS
	Extreme (-10°C)		713.149	715.851	699-716	PASS
	Extreme (-20°C)		713.147	715.853	699-716	PASS
	Extreme (-30°C)		713.145	715.855	699-716	PASS
	25°C	LV	713.147	715.853	699-716	PASS
		HV	713.149	715.851	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	711.211	715.789	699-716	PASS
	Extreme (40°C)		711.204	715.796	699-716	PASS
	Extreme (30°C)		711.294	715.706	699-716	PASS
	Extreme (20°C)		711.258	715.742	699-716	PASS
	Extreme (10°C)		711.204	715.796	699-716	PASS
	Extreme (0°C)		711.211	715.789	699-716	PASS
	Extreme (-10°C)		711.226	715.774	699-716	PASS
	Extreme (-20°C)		711.258	715.742	699-716	PASS
	Extreme (-30°C)		711.298	715.702	699-716	PASS
	25°C	LV	711.222	715.778	699-716	PASS
		HV	711.235	715.765	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	706.583	715.417	699-716	PASS
	Extreme (40°C)		706.508	715.492	699-716	PASS
	Extreme (30°C)		706.571	715.429	699-716	PASS
	Extreme (20°C)		706.595	715.405	699-716	PASS
	Extreme (10°C)		706.503	715.497	699-716	PASS
	Extreme (0°C)		706.511	715.489	699-716	PASS
	Extreme (-10°C)		706.608	715.392	699-716	PASS
	Extreme (-20°C)		706.501	715.499	699-716	PASS
	Extreme (-30°C)		706.637	715.363	699-716	PASS
	25°C	LV	706.540	715.460	699-716	PASS
		HV	706.519	715.481	699-716	PASS

LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	BANDWIDTH	5MHz	QPSK	QPSK	777-787	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	777.283	781.717	777-787	PASS
	Extreme (40°C)		777.279	781.721	777-787	PASS
	Extreme (30°C)		777.223	781.777	777-787	PASS
	Extreme (20°C)		777.236	781.764	777-787	PASS
	Extreme (10°C)		777.243	781.757	777-787	PASS
	Extreme (0°C)		777.272	781.728	777-787	PASS
	Extreme (-10°C)		777.214	781.786	777-787	PASS
	Extreme (-20°C)		777.287	781.713	777-787	PASS
	Extreme (-30°C)		777.267	781.733	777-787	PASS
	25°C	LV	777.218	781.782	777-787	PASS
		HV	777.212	781.788	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
782	BANDWIDTH	10MHz	QPSK	QPSK	777-787	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	777.537	786.463	777-787	PASS
	Extreme (40°C)		777.609	786.391	777-787	PASS
	Extreme (30°C)		777.628	786.372	777-787	PASS
	Extreme (20°C)		777.578	786.422	777-787	PASS
	Extreme (10°C)		777.634	786.366	777-787	PASS
	Extreme (0°C)		777.629	786.371	777-787	PASS
	Extreme (-10°C)		777.622	786.378	777-787	PASS
	Extreme (-20°C)		777.572	786.428	777-787	PASS
	Extreme (-30°C)		777.554	786.446	777-787	PASS
	25°C	LV	777.536	786.464	777-787	PASS
		HV	777.562	786.438	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
784.5	BANDWIDTH	5MHz	QPSK	QPSK	777-787	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	782.226	786.774	777-787	PASS
	Extreme (40°C)		782.269	786.731	777-787	PASS
	Extreme (30°C)		782.234	786.766	777-787	PASS
	Extreme (20°C)		782.275	786.725	777-787	PASS
	Extreme (10°C)		782.262	786.738	777-787	PASS

	Extreme (0°C)		782.215	786.785	777-787	PASS
	Extreme (-10°C)		782.205	786.795	777-787	PASS
	Extreme (-20°C)		782.222	786.778	777-787	PASS
	Extreme (-30°C)		782.249	786.751	777-787	PASS
	25°C	LV	782.277	786.723	777-787	PASS
		HV	782.233	786.767	777-787	PASS
LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
790.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	788.217	792.783	777-787	PASS
	Extreme (40°C)		788.208	792.792	777-787	PASS
	Extreme (30°C)		788.299	792.701	777-787	PASS
	Extreme (20°C)		788.246	792.754	777-787	PASS
	Extreme (10°C)		788.208	792.792	777-787	PASS
	Extreme (0°C)		788.234	792.766	777-787	PASS
	Extreme (-10°C)		788.264	792.736	777-787	PASS
	Extreme (-20°C)		788.223	792.777	777-787	PASS
	Extreme (-30°C)		788.263	792.737	777-787	PASS
	25°C	LV	788.207	792.793	777-787	PASS
		HV	788.215	792.785	777-787	PASS
LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
793	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	788.587	797.413	777-787	PASS
	Extreme (40°C)		788.510	797.490	777-787	PASS
	Extreme (30°C)		788.575	797.425	777-787	PASS
	Extreme (20°C)		788.532	797.468	777-787	PASS
	Extreme (10°C)		788.518	797.482	777-787	PASS
	Extreme (0°C)		788.593	797.407	777-787	PASS
	Extreme (-10°C)		788.582	797.418	777-787	PASS
	Extreme (-20°C)		788.590	797.410	777-787	PASS
	Extreme (-30°C)		788.539	797.461	777-787	PASS
	25°C	LV	788.580	797.420	777-787	PASS
		HV	788.528	797.472	777-787	PASS
LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

795.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	793.224	797.776	777-787	PASS
	Extreme (40°C)		793.288	797.712	777-787	PASS
	Extreme (30°C)		793.261	797.739	777-787	PASS
	Extreme (20°C)		793.271	797.729	777-787	PASS
	Extreme (10°C)		793.278	797.722	777-787	PASS
	Extreme (0°C)		793.265	797.735	777-787	PASS
	Extreme (-10°C)		793.284	797.716	777-787	PASS
	Extreme (-20°C)		793.204	797.796	777-787	PASS
	Extreme (-30°C)		793.262	797.738	777-787	PASS
	25°C	LV	793.243	797.757	777-787	PASS
		HV	793.230	797.770	777-787	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	8.34	0.00997	
	Extreme (40°C)		7.53	0.00901	
	Extreme (30°C)		10.05	0.01201	
	Extreme (20°C)		13.03	0.01558	
	Extreme (10°C)		8.23	0.00984	
	Extreme (0°C)		13.19	0.01577	
	Extreme (-10°C)		8.00	0.00956	
	Extreme (-20°C)		14.81	0.01771	
	Extreme (-30°C)		5.79	0.00693	
	25°C	LV	14.07	0.01682	PASS
		HV	8.27	0.00989	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.80	0.00215	
	Extreme (40°C)		5.58	0.00668	
	Extreme (30°C)		3.97	0.00474	
	Extreme (20°C)		15.15	0.01811	
	Extreme (10°C)		12.96	0.01549	
	Extreme (0°C)		1.56	0.00186	
	Extreme (-10°C)		7.71	0.00922	

	Extreme (-20°C)		12.26	0.01465	PASS
	Extreme (-30°C)		3.78	0.00452	PASS
	25°C	LV	10.27	0.01228	PASS
		HV	15.99	0.01912	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	10.40	0.01243	PASS
	Extreme (40°C)		13.92	0.01664	PASS
	Extreme (30°C)		11.52	0.01378	PASS
	Extreme (20°C)		10.88	0.01301	PASS
	Extreme (10°C)		4.20	0.00502	PASS
	Extreme (0°C)		5.69	0.00680	PASS
	Extreme (-10°C)		7.07	0.00845	PASS
	Extreme (-20°C)		11.73	0.01402	PASS
	Extreme (-30°C)		5.98	0.00715	PASS
	25°C	LV	16.90	0.02020	PASS
		HV	17.35	0.02075	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	3.15	0.00377	PASS
	Extreme (40°C)		12.58	0.01504	PASS
	Extreme (30°C)		8.13	0.00972	PASS
	Extreme (20°C)		1.14	0.00136	PASS
	Extreme (10°C)		15.58	0.01863	PASS
	Extreme (0°C)		17.12	0.02046	PASS
	Extreme (-10°C)		2.01	0.00240	PASS
	Extreme (-20°C)		3.11	0.00371	PASS
	Extreme (-30°C)		15.30	0.01829	PASS
	25°C	LV	13.09	0.01564	PASS
		HV	11.87	0.01419	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	14.00	0.01674	PASS
	Extreme (40°C)		8.41	0.01005	PASS
	Extreme (30°C)		6.95	0.00830	PASS

	Extreme (20°C)		12.85	0.01536	PASS
	Extreme (10°C)		8.68	0.01037	PASS
	Extreme (0°C)		14.23	0.01701	PASS
	Extreme (-10°C)		11.48	0.01372	PASS
	Extreme (-20°C)		12.01	0.01436	PASS
	Extreme (-30°C)		9.64	0.01152	PASS
	25°C	LV	10.70	0.01279	PASS
		HV	9.26	0.01107	PASS

BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	5.79	0.00707	PASS
	Extreme (40°C)		9.16	0.01119	PASS
	Extreme (30°C)		7.84	0.00957	PASS
	Extreme (20°C)		6.53	0.00798	PASS
	Extreme (10°C)		8.10	0.00989	PASS
	Extreme (0°C)		6.21	0.00758	PASS
	Extreme (-10°C)		2.27	0.00277	PASS
	Extreme (-20°C)		3.34	0.00408	PASS
	Extreme (-30°C)		17.01	0.02077	PASS
	25°C	LV	13.09	0.01598	PASS
		HV	9.31	0.01137	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	16.67	0.02035	PASS
	Extreme (40°C)		4.86	0.00593	PASS
	Extreme (30°C)		9.79	0.01195	PASS
	Extreme (20°C)		15.29	0.01867	PASS
	Extreme (10°C)		6.52	0.00796	PASS
	Extreme (0°C)		1.33	0.00163	PASS
	Extreme (-10°C)		12.81	0.01564	PASS
	Extreme (-20°C)		5.24	0.00640	PASS
	Extreme (-30°C)		11.65	0.01423	PASS
	25°C	LV	15.13	0.01847	PASS
		HV	12.09	0.01476	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict

	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	12.13	0.01481	PASS
	Extreme (40°C)		5.61	0.00685	PASS
	Extreme (30°C)		7.84	0.00957	PASS
	Extreme (20°C)		10.47	0.01279	PASS
	Extreme (10°C)		16.83	0.02055	PASS
	Extreme (0°C)		11.90	0.01453	PASS
	Extreme (-10°C)		11.89	0.01452	PASS
	Extreme (-20°C)		8.35	0.01019	PASS
	Extreme (-30°C)		10.10	0.01234	PASS
	25°C	LV	8.15	0.00995	PASS
		HV	9.02	0.01101	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	8.13	0.00993	PASS
	Extreme (40°C)		9.41	0.01149	PASS
	Extreme (30°C)		16.99	0.02074	PASS
	Extreme (20°C)		3.54	0.00433	PASS
	Extreme (10°C)		15.04	0.01836	PASS
	Extreme (0°C)		13.90	0.01698	PASS
	Extreme (-10°C)		1.54	0.00188	PASS
	Extreme (-20°C)		15.51	0.01893	PASS
	Extreme (-30°C)		1.40	0.00171	PASS
	25°C	LV	10.79	0.01317	PASS
		HV	6.20	0.00757	PASS

LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2307.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2305.243	2309.757	2305-2315	PASS
	Extreme (40℃)		2305.229	2309.771	2305-2315	PASS
	Extreme (30℃)		2305.288	2309.712	2305-2315	PASS
	Extreme (20℃)		2305.243	2309.757	2305-2315	PASS
	Extreme (10℃)		2305.248	2309.752	2305-2315	PASS
	Extreme (0℃)		2305.225	2309.775	2305-2315	PASS
	Extreme (-10℃)		2305.253	2309.747	2305-2315	PASS
	Extreme (-20℃)		2305.263	2309.737	2305-2315	PASS

	Extreme (-30°C)		2305.263	2309.737	2305-2315	PASS
	25°C	LV	2305.287	2309.713	2305-2315	PASS
		HV	2305.244	2309.756	2305-2315	PASS
LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2310	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2305.588	2314.412	2305-2315	PASS
	Extreme (40°C)		2305.522	2314.478	2305-2315	PASS
	Extreme (30°C)		2305.528	2314.472	2305-2315	PASS
	Extreme (20°C)		2305.514	2314.486	2305-2315	PASS
	Extreme (10°C)		2305.551	2314.449	2305-2315	PASS
	Extreme (0°C)		2305.504	2314.496	2305-2315	PASS
	Extreme (-10°C)		2305.522	2314.478	2305-2315	PASS
	Extreme (-20°C)		2305.544	2314.456	2305-2315	PASS
	Extreme (-30°C)		2305.548	2314.452	2305-2315	PASS
	25°C	LV	2305.553	2314.447	2305-2315	PASS
		HV	2305.583	2314.417	2305-2315	PASS
LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2312.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2310.250	2314.750	2305-2315	PASS
	Extreme (40°C)		2310.207	2314.793	2305-2315	PASS
	Extreme (30°C)		2310.217	2314.783	2305-2315	PASS
	Extreme (20°C)		2310.264	2314.736	2305-2315	PASS
	Extreme (10°C)		2310.288	2314.712	2305-2315	PASS
	Extreme (0°C)		2310.255	2314.745	2305-2315	PASS
	Extreme (-10°C)		2310.239	2314.761	2305-2315	PASS
	Extreme (-20°C)		2310.217	2314.783	2305-2315	PASS
	Extreme (-30°C)		2310.227	2314.773	2305-2315	PASS
	25°C	LV	2310.263	2314.737	2305-2315	PASS
		HV	2310.269	2314.731	2305-2315	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2498.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.263	2500.737	2496-2690	PASS

	Extreme (40°C)		2496.270	2500.730	2496-2690	PASS
	Extreme (30°C)		2496.268	2500.732	2496-2690	PASS
	Extreme (20°C)		2496.287	2500.713	2496-2690	PASS
	Extreme (10°C)		2496.283	2500.717	2496-2690	PASS
	Extreme (0°C)		2496.252	2500.748	2496-2690	PASS
	Extreme (-10°C)		2496.263	2500.737	2496-2690	PASS
	Extreme (-20°C)		2496.202	2500.798	2496-2690	PASS
	Extreme (-30°C)		2496.213	2500.787	2496-2690	PASS
	25°C	LV	2496.274	2500.726	2496-2690	PASS
		HV	2496.240	2500.760	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2501	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.600	2505.400	2496-2690	PASS
	Extreme (40°C)		2496.592	2505.408	2496-2690	PASS
	Extreme (30°C)		2496.596	2505.404	2496-2690	PASS
	Extreme (20°C)		2496.588	2505.412	2496-2690	PASS
	Extreme (10°C)		2496.548	2505.452	2496-2690	PASS
	Extreme (0°C)		2496.520	2505.480	2496-2690	PASS
	Extreme (-10°C)		2496.521	2505.479	2496-2690	PASS
	Extreme (-20°C)		2496.537	2505.463	2496-2690	PASS
	Extreme (-30°C)		2496.641	2505.359	2496-2690	PASS
	25°C	LV	2496.649	2505.351	2496-2690	PASS
		HV	2496.626	2505.374	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2503.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.734	2510.266	2496-2690	PASS
	Extreme (40°C)		2496.772	2510.228	2496-2690	PASS
	Extreme (30°C)		2496.749	2510.251	2496-2690	PASS
	Extreme (20°C)		2496.701	2510.299	2496-2690	PASS
	Extreme (10°C)		2496.796	2510.204	2496-2690	PASS
	Extreme (0°C)		2496.720	2510.280	2496-2690	PASS
	Extreme (-10°C)		2496.774	2510.226	2496-2690	PASS
	Extreme (-20°C)		2496.795	2510.205	2496-2690	PASS
	Extreme (-30°C)		2496.722	2510.278	2496-2690	PASS
	25°C	LV	2496.723	2510.277	2496-2690	PASS
		HV	2496.720	2510.280	2496-2690	PASS

LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2506	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.049	2514.951	2496-2690	PASS
	Extreme (40°C)		2497.006	2514.994	2496-2690	PASS
	Extreme (30°C)		2497.048	2514.952	2496-2690	PASS
	Extreme (20°C)		2497.013	2514.987	2496-2690	PASS
	Extreme (10°C)		2497.024	2514.976	2496-2690	PASS
	Extreme (0°C)		2497.045	2514.955	2496-2690	PASS
	Extreme (-10°C)		2497.046	2514.954	2496-2690	PASS
	Extreme (-20°C)		2497.002	2514.998	2496-2690	PASS
	Extreme (-30°C)		2497.034	2514.966	2496-2690	PASS
	25°C	LV	2497.005	2514.995	2496-2690	PASS
		HV	2497.048	2514.952	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2687.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2685.231	2689.769	2496-2690	PASS
	Extreme (40°C)		2685.280	2689.720	2496-2690	PASS
	Extreme (30°C)		2685.263	2689.737	2496-2690	PASS
	Extreme (20°C)		2685.249	2689.751	2496-2690	PASS
	Extreme (10°C)		2685.231	2689.769	2496-2690	PASS
	Extreme (0°C)		2685.257	2689.743	2496-2690	PASS
	Extreme (-10°C)		2685.208	2689.792	2496-2690	PASS
	Extreme (-20°C)		2685.240	2689.760	2496-2690	PASS
	Extreme (-30°C)		2685.228	2689.772	2496-2690	PASS
	25°C	LV	2685.222	2689.778	2496-2690	PASS
		HV	2685.256	2689.744	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2685	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2680.592	2689.408	2496-2690	PASS
	Extreme (40°C)		2680.552	2689.448	2496-2690	PASS
	Extreme (30°C)		2680.531	2689.469	2496-2690	PASS
	Extreme (20°C)		2680.620	2689.380	2496-2690	PASS

	Extreme (10°C)		2680.550	2689.450	2496-2690	PASS
	Extreme (0°C)		2680.599	2689.401	2496-2690	PASS
	Extreme (-10°C)		2680.518	2689.482	2496-2690	PASS
	Extreme (-20°C)		2680.570	2689.430	2496-2690	PASS
	Extreme (-30°C)		2680.506	2689.494	2496-2690	PASS
	25°C	LV	2680.509	2689.491	2496-2690	PASS
		HV	2680.510	2689.490	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2682.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2675.794	2689.206	2496-2690	PASS
	Extreme (40°C)		2675.706	2689.294	2496-2690	PASS
	Extreme (30°C)		2675.702	2689.298	2496-2690	PASS
	Extreme (20°C)		2675.774	2689.226	2496-2690	PASS
	Extreme (10°C)		2675.796	2689.204	2496-2690	PASS
	Extreme (0°C)		2675.781	2689.219	2496-2690	PASS
	Extreme (-10°C)		2675.737	2689.263	2496-2690	PASS
	Extreme (-20°C)		2675.716	2689.284	2496-2690	PASS
	Extreme (-30°C)		2675.799	2689.201	2496-2690	PASS
	25°C	LV	2675.795	2689.205	2496-2690	PASS
		HV	2675.741	2689.259	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2670.988	2689.012	2496-2690	PASS
	Extreme (40°C)		2670.992	2689.008	2496-2690	PASS
	Extreme (30°C)		2670.943	2689.057	2496-2690	PASS
	Extreme (20°C)		2670.991	2689.009	2496-2690	PASS
	Extreme (10°C)		2670.970	2689.030	2496-2690	PASS
	Extreme (0°C)		2670.907	2689.093	2496-2690	PASS
	Extreme (-10°C)		2670.934	2689.066	2496-2690	PASS
	Extreme (-20°C)		2670.961	2689.039	2496-2690	PASS
	Extreme (-30°C)		2670.968	2689.032	2496-2690	PASS
	25°C	LV	2670.906	2689.094	2496-2690	PASS
		HV	2670.912	2689.088	2496-2690	PASS
LTE B42(3450-3550)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
3452.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	3450.228	3454.772	3450-3550	PASS
	Extreme (40℃)		3450.272	3454.728	3450-3550	PASS
	Extreme (30℃)		3450.287	3454.713	3450-3550	PASS
	Extreme (20℃)		3450.259	3454.741	3450-3550	PASS
	Extreme (10℃)		3450.283	3454.717	3450-3550	PASS
	Extreme (0℃)		3450.244	3454.756	3450-3550	PASS
	Extreme (-10℃)		3450.211	3454.789	3450-3550	PASS
	Extreme (-20℃)		3450.223	3454.777	3450-3550	PASS
	Extreme (-30℃)		3450.282	3454.718	3450-3550	PASS
	25℃	LV	3450.275	3454.725	3450-3550	PASS
		HV	3450.292	3454.708	3450-3550	PASS
LTE B42(3450-3550) Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3455	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	3450.552	3459.448	3450-3550	PASS
	Extreme (40℃)		3450.566	3459.434	3450-3550	PASS
	Extreme (30℃)		3450.517	3459.483	3450-3550	PASS
	Extreme (20℃)		3450.536	3459.464	3450-3550	PASS
	Extreme (10℃)		3450.595	3459.405	3450-3550	PASS
	Extreme (0℃)		3450.560	3459.440	3450-3550	PASS
	Extreme (-10℃)		3450.524	3459.476	3450-3550	PASS
	Extreme (-20℃)		3450.502	3459.498	3450-3550	PASS
	Extreme (-30℃)		3450.579	3459.421	3450-3550	PASS
	25℃	LV	3450.529	3459.471	3450-3550	PASS
		HV	3450.521	3459.479	3450-3550	PASS
LTE B42(3450-3550) Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3457.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	3450.743	3464.257	3450-3550	PASS
	Extreme (40℃)		3450.797	3464.203	3450-3550	PASS
	Extreme (30℃)		3450.705	3464.295	3450-3550	PASS
	Extreme (20℃)		3450.743	3464.257	3450-3550	PASS

	Extreme (10°C)		3450.713	3464.287	3450-3550	PASS
	Extreme (0°C)		3450.776	3464.224	3450-3550	PASS
	Extreme (-10°C)		3450.702	3464.298	3450-3550	PASS
	Extreme (-20°C)		3450.759	3464.241	3450-3550	PASS
	Extreme (-30°C)		3450.724	3464.276	3450-3550	PASS
	25°C	LV	3450.786	3464.214	3450-3550	PASS
		HV	3450.729	3464.271	3450-3550	PASS
LTE B42(3450-3550) Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3460	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3451.047	3468.953	3450-3550	PASS
	Extreme (40°C)		3451.020	3468.980	3450-3550	PASS
	Extreme (30°C)		3451.031	3468.969	3450-3550	PASS
	Extreme (20°C)		3451.015	3468.985	3450-3550	PASS
	Extreme (10°C)		3451.021	3468.979	3450-3550	PASS
	Extreme (0°C)		3451.043	3468.957	3450-3550	PASS
	Extreme (-10°C)		3451.040	3468.960	3450-3550	PASS
	Extreme (-20°C)		3451.036	3468.964	3450-3550	PASS
	Extreme (-30°C)		3451.013	3468.987	3450-3550	PASS
	25°C	LV	3451.015	3468.985	3450-3550	PASS
		HV	3451.028	3468.972	3450-3550	PASS
LTE B42(3450-3550) Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3547.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3545.237	3549.763	3450-3550	PASS
	Extreme (40°C)		3545.276	3549.724	3450-3550	PASS
	Extreme (30°C)		3545.244	3549.756	3450-3550	PASS
	Extreme (20°C)		3545.266	3549.734	3450-3550	PASS
	Extreme (10°C)		3545.202	3549.798	3450-3550	PASS
	Extreme (0°C)		3545.237	3549.763	3450-3550	PASS
	Extreme (-10°C)		3545.296	3549.704	3450-3550	PASS
	Extreme (-20°C)		3545.239	3549.761	3450-3550	PASS
	Extreme (-30°C)		3545.221	3549.779	3450-3550	PASS
	25°C	LV	3545.202	3549.798	3450-3550	PASS
		HV	3545.257	3549.743	3450-3550	PASS

LTE B42(3450-3550) Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3545	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	3540.565	3549.435	3450-3550	PASS
	Extreme (40℃)		3540.522	3549.478	3450-3550	PASS
	Extreme (30℃)		3540.534	3549.466	3450-3550	PASS
	Extreme (20℃)		3540.599	3549.401	3450-3550	PASS
	Extreme (10℃)		3540.583	3549.417	3450-3550	PASS
	Extreme (0℃)		3540.504	3549.496	3450-3550	PASS
	Extreme (-10℃)		3540.558	3549.442	3450-3550	PASS
	Extreme (-20℃)		3540.503	3549.497	3450-3550	PASS
	Extreme (-30℃)		3540.587	3549.413	3450-3550	PASS
	25℃	LV	3540.583	3549.417	3450-3550	PASS
		HV	3540.524	3549.476	3450-3550	PASS
LTE B42(3450-3550) Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3542.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	3535.772	3549.228	3450-3550	PASS
	Extreme (40℃)		3535.747	3549.253	3450-3550	PASS
	Extreme (30℃)		3535.782	3549.218	3450-3550	PASS
	Extreme (20℃)		3535.749	3549.251	3450-3550	PASS
	Extreme (10℃)		3535.785	3549.215	3450-3550	PASS
	Extreme (0℃)		3535.737	3549.263	3450-3550	PASS
	Extreme (-10℃)		3535.780	3549.220	3450-3550	PASS
	Extreme (-20℃)		3535.770	3549.230	3450-3550	PASS
	Extreme (-30℃)		3535.744	3549.256	3450-3550	PASS
	25℃	LV	3535.725	3549.275	3450-3550	PASS
		HV	3535.705	3549.295	3450-3550	PASS
LTE B42(3450-3550) Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3540	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	3530.902	3549.098	3450-3550	PASS
	Extreme (40℃)		3530.976	3549.024	3450-3550	PASS

	Extreme (30°C)		3530.940	3549.060	3450-3550	PASS
	Extreme (20°C)		3530.973	3549.027	3450-3550	PASS
	Extreme (10°C)		3530.942	3549.058	3450-3550	PASS
	Extreme (0°C)		3531.000	3549.000	3450-3550	PASS
	Extreme (-10°C)		3530.982	3549.018	3450-3550	PASS
	Extreme (-20°C)		3531.000	3549.000	3450-3550	PASS
	Extreme (-30°C)		3530.912	3549.088	3450-3550	PASS
	25°C	LV	3530.941	3549.059	3450-3550	PASS
		HV	3530.994	3549.006	3450-3550	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.148	1711.252	1710-1780	PASS
	Extreme (40°C)		1710.147	1711.253	1710-1780	PASS
	Extreme (30°C)		1710.147	1711.253	1710-1780	PASS
	Extreme (20°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (10°C)		1710.147	1711.253	1710-1780	PASS
	Extreme (0°C)		1710.145	1711.255	1710-1780	PASS
	Extreme (-10°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (-20°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (-30°C)		1710.148	1711.252	1710-1780	PASS
	25°C	LV	1710.147	1711.253	1710-1780	PASS
		HV	1710.148	1711.252	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.149	1712.851	1710-1780	PASS
	Extreme (40°C)		1710.147	1712.853	1710-1780	PASS
	Extreme (30°C)		1710.146	1712.854	1710-1780	PASS
	Extreme (20°C)		1710.148	1712.852	1710-1780	PASS
	Extreme (10°C)		1710.145	1712.855	1710-1780	PASS
	Extreme (0°C)		1710.149	1712.851	1710-1780	PASS
	Extreme (-10°C)		1710.149	1712.851	1710-1780	PASS
	Extreme (-20°C)		1710.147	1712.853	1710-1780	PASS
	Extreme (-30°C)		1710.150	1712.850	1710-1780	PASS
	25°C	LV	1710.150	1712.850	1710-1780	PASS
		HV	1710.146	1712.854	1710-1780	PASS

LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.217	1714.783	1710-1780	PASS
	Extreme (40°C)		1710.289	1714.711	1710-1780	PASS
	Extreme (30°C)		1710.238	1714.762	1710-1780	PASS
	Extreme (20°C)		1710.274	1714.726	1710-1780	PASS
	Extreme (10°C)		1710.229	1714.771	1710-1780	PASS
	Extreme (0°C)		1710.300	1714.700	1710-1780	PASS
	Extreme (-10°C)		1710.269	1714.731	1710-1780	PASS
	Extreme (-20°C)		1710.217	1714.783	1710-1780	PASS
	Extreme (-30°C)		1710.205	1714.795	1710-1780	PASS
	25°C	LV	1710.242	1714.758	1710-1780	PASS
		HV	1710.232	1714.768	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.539	1719.461	1710-1780	PASS
	Extreme (40°C)		1710.541	1719.459	1710-1780	PASS
	Extreme (30°C)		1710.550	1719.450	1710-1780	PASS
	Extreme (20°C)		1710.628	1719.372	1710-1780	PASS
	Extreme (10°C)		1710.534	1719.466	1710-1780	PASS
	Extreme (0°C)		1710.640	1719.360	1710-1780	PASS
	Extreme (-10°C)		1710.626	1719.374	1710-1780	PASS
	Extreme (-20°C)		1710.647	1719.353	1710-1780	PASS
	Extreme (-30°C)		1710.519	1719.481	1710-1780	PASS
	25°C	LV	1710.502	1719.498	1710-1780	PASS
		HV	1710.543	1719.457	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.737	1724.263	1710-1780	PASS
	Extreme (40°C)		1710.777	1724.223	1710-1780	PASS
	Extreme (30°C)		1710.784	1724.216	1710-1780	PASS
	Extreme (20°C)		1710.713	1724.287	1710-1780	PASS
	Extreme (10°C)		1710.771	1724.229	1710-1780	PASS

	Extreme (0°C)		1710.742	1724.258	1710-1780	PASS
	Extreme (-10°C)		1710.745	1724.255	1710-1780	PASS
	Extreme (-20°C)		1710.785	1724.215	1710-1780	PASS
	Extreme (-30°C)		1710.738	1724.262	1710-1780	PASS
	25°C	LV	1710.780	1724.220	1710-1780	PASS
		HV	1710.723	1724.277	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.009	1728.991	1710-1780	PASS
	Extreme (40°C)		1711.036	1728.964	1710-1780	PASS
	Extreme (30°C)		1711.050	1728.950	1710-1780	PASS
	Extreme (20°C)		1711.019	1728.981	1710-1780	PASS
	Extreme (10°C)		1711.021	1728.979	1710-1780	PASS
	Extreme (0°C)		1711.033	1728.967	1710-1780	PASS
	Extreme (-10°C)		1711.017	1728.983	1710-1780	PASS
	Extreme (-20°C)		1711.025	1728.975	1710-1780	PASS
	Extreme (-30°C)		1711.005	1728.995	1710-1780	PASS
	25°C	LV	1711.035	1728.965	1710-1780	PASS
		HV	1711.013	1728.987	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1779.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1778.747	1779.853	1710-1780	PASS
	Extreme (40°C)		1778.745	1779.855	1710-1780	PASS
	Extreme (30°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (20°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (10°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (0°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (-10°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (-20°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (-30°C)		1778.749	1779.851	1710-1780	PASS
	25°C	LV	1778.750	1779.850	1710-1780	PASS
		HV	1778.747	1779.853	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	1777.147	1779.853	1710-1780	PASS
	Extreme (40°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (30°C)		1777.150	1779.850	1710-1780	PASS
	Extreme (20°C)		1777.147	1779.853	1710-1780	PASS
	Extreme (10°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (0°C)		1777.148	1779.852	1710-1780	PASS
	Extreme (-10°C)		1777.147	1779.853	1710-1780	PASS
	Extreme (-20°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (-30°C)		1777.148	1779.852	1710-1780	PASS
	25°C	LV	1777.149	1779.851	1710-1780	PASS
		HV	1777.147	1779.853	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°C)	NV	1775.236	1779.764	1710-1780	PASS
	Extreme (40°C)		1775.230	1779.770	1710-1780	PASS
	Extreme (30°C)		1775.237	1779.763	1710-1780	PASS
	Extreme (20°C)		1775.216	1779.784	1710-1780	PASS
	Extreme (10°C)		1775.274	1779.726	1710-1780	PASS
	Extreme (0°C)		1775.241	1779.759	1710-1780	PASS
	Extreme (-10°C)		1775.242	1779.758	1710-1780	PASS
	Extreme (-20°C)		1775.237	1779.763	1710-1780	PASS
	Extreme (-30°C)		1775.215	1779.785	1710-1780	PASS
	25°C	LV	1775.225	1779.775	1710-1780	PASS
		HV	1775.244	1779.756	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°C)	NV	1770.640	1779.360	1710-1780	PASS
	Extreme (40°C)		1770.635	1779.365	1710-1780	PASS
	Extreme (30°C)		1770.518	1779.482	1710-1780	PASS
	Extreme (20°C)		1770.509	1779.491	1710-1780	PASS
	Extreme (10°C)		1770.588	1779.412	1710-1780	PASS
	Extreme (0°C)		1770.620	1779.380	1710-1780	PASS
	Extreme (-10°C)		1770.608	1779.392	1710-1780	PASS

	Extreme (-20°C)		1770.610	1779.390	1710-1780	PASS
	Extreme (-30°C)		1770.605	1779.395	1710-1780	PASS
	25°C	LV	1770.550	1779.450	1710-1780	PASS
		HV	1770.541	1779.459	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°C)	NV	1765.795	1779.205	1710-1780	PASS
	Extreme (40°C)		1765.796	1779.204	1710-1780	PASS
	Extreme (30°C)		1765.782	1779.218	1710-1780	PASS
	Extreme (20°C)		1765.777	1779.223	1710-1780	PASS
	Extreme (10°C)		1765.744	1779.256	1710-1780	PASS
	Extreme (0°C)		1765.768	1779.232	1710-1780	PASS
	Extreme (-10°C)		1765.778	1779.222	1710-1780	PASS
	Extreme (-20°C)		1765.724	1779.276	1710-1780	PASS
	Extreme (-30°C)		1765.778	1779.222	1710-1780	PASS
	25°C	LV	1765.719	1779.281	1710-1780	PASS
		HV	1765.760	1779.240	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	1760.963	1779.037	1710-1780	PASS
	Extreme (40°C)		1760.920	1779.080	1710-1780	PASS
	Extreme (30°C)		1760.936	1779.064	1710-1780	PASS
	Extreme (20°C)		1760.998	1779.002	1710-1780	PASS
	Extreme (10°C)		1760.914	1779.086	1710-1780	PASS
	Extreme (0°C)		1760.929	1779.071	1710-1780	PASS
	Extreme (-10°C)		1760.990	1779.010	1710-1780	PASS
	Extreme (-20°C)		1760.983	1779.017	1710-1780	PASS
	Extreme (-30°C)		1760.926	1779.074	1710-1780	PASS
	25°C	LV	1760.967	1779.033	1710-1780	PASS
		HV	1760.923	1779.077	1710-1780	PASS