

Frequency Stability

Note: The transmitter shall maintained within $\pm 2.5\text{ppm}$ of the center frequency.

After evaluation, the Frequency Stability of all bands is less than or equal to $\pm 2.5\text{ppm}$.

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	1850.150	1851.250	1850-1910	PASS
	Extreme (40℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (30℃)		1850.146	1851.254	1850-1910	PASS
	Extreme (20℃)		1850.146	1851.254	1850-1910	PASS
	Extreme (10℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (0℃)		1850.145	1851.255	1850-1910	PASS
	Extreme (-10℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (-20℃)		1850.145	1851.255	1850-1910	PASS
	Extreme (-30℃)		1850.150	1851.250	1850-1910	PASS
	25℃	LV	1850.148	1851.252	1850-1910	PASS
		HV	1850.146	1851.254	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	1850.147	1852.853	1850-1910	PASS
	Extreme (40℃)		1850.149	1852.851	1850-1910	PASS
	Extreme (30℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (20℃)		1850.146	1852.854	1850-1910	PASS
	Extreme (10℃)		1850.149	1852.851	1850-1910	PASS
	Extreme (0℃)		1850.149	1852.851	1850-1910	PASS
	Extreme (-10℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (-20℃)		1850.149	1852.851	1850-1910	PASS
	Extreme (-30℃)		1850.149	1852.851	1850-1910	PASS
	25℃	LV	1850.147	1852.853	1850-1910	PASS
		HV	1850.147	1852.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.214	1854.786	1850-1910	PASS

	Extreme (40°C)		1850.264	1854.736	1850-1910	PASS
	Extreme (30°C)		1850.223	1854.777	1850-1910	PASS
	Extreme (20°C)		1850.275	1854.725	1850-1910	PASS
	Extreme (10°C)		1850.278	1854.722	1850-1910	PASS
	Extreme (0°C)		1850.284	1854.716	1850-1910	PASS
	Extreme (-10°C)		1850.272	1854.728	1850-1910	PASS
	Extreme (-20°C)		1850.272	1854.728	1850-1910	PASS
	Extreme (-30°C)		1850.290	1854.710	1850-1910	PASS
	25°C	LV	1850.282	1854.718	1850-1910	PASS
		HV	1850.274	1854.726	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	1850.573	1859.427	1850-1910	PASS
	Extreme (40°C)		1850.558	1859.442	1850-1910	PASS
	Extreme (30°C)		1850.555	1859.445	1850-1910	PASS
	Extreme (20°C)		1850.603	1859.397	1850-1910	PASS
	Extreme (10°C)		1850.562	1859.438	1850-1910	PASS
	Extreme (0°C)		1850.554	1859.446	1850-1910	PASS
	Extreme (-10°C)		1850.568	1859.432	1850-1910	PASS
	Extreme (-20°C)		1850.583	1859.417	1850-1910	PASS
	Extreme (-30°C)		1850.511	1859.489	1850-1910	PASS
	25°C	LV	1850.542	1859.458	1850-1910	PASS
		HV	1850.601	1859.399	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	1850.723	1864.277	1850-1910	PASS
	Extreme (40°C)		1850.700	1864.300	1850-1910	PASS
	Extreme (30°C)		1850.763	1864.237	1850-1910	PASS
	Extreme (20°C)		1850.777	1864.223	1850-1910	PASS
	Extreme (10°C)		1850.766	1864.234	1850-1910	PASS
	Extreme (0°C)		1850.765	1864.235	1850-1910	PASS
	Extreme (-10°C)		1850.760	1864.240	1850-1910	PASS
	Extreme (-20°C)		1850.754	1864.246	1850-1910	PASS
	Extreme (-30°C)		1850.735	1864.265	1850-1910	PASS
	25°C	LV	1850.748	1864.252	1850-1910	PASS
		HV	1850.746	1864.254	1850-1910	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1851.019	1868.981	1850-1910	PASS
	Extreme (40°C)		1851.026	1868.974	1850-1910	PASS
	Extreme (30°C)		1851.018	1868.982	1850-1910	PASS
	Extreme (20°C)		1851.019	1868.981	1850-1910	PASS
	Extreme (10°C)		1851.030	1868.970	1850-1910	PASS
	Extreme (0°C)		1851.013	1868.987	1850-1910	PASS
	Extreme (-10°C)		1851.049	1868.951	1850-1910	PASS
	Extreme (-20°C)		1851.017	1868.983	1850-1910	PASS
	Extreme (-30°C)		1851.004	1868.996	1850-1910	PASS
	25°C	LV	1851.007	1868.993	1850-1910	PASS
		HV	1851.012	1868.988	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1908.746	1909.854	1850-1910	PASS
	Extreme (40°C)		1908.746	1909.854	1850-1910	PASS
	Extreme (30°C)		1908.750	1909.850	1850-1910	PASS
	Extreme (20°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (10°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (0°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (-10°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (-20°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (-30°C)		1908.748	1909.852	1850-1910	PASS
	25°C	LV	1908.748	1909.852	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	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1907.150	1909.850	1850-1910	PASS
	Extreme (40°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (30°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (20°C)		1907.150	1909.850	1850-1910	PASS

	Extreme (10°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (0°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (-10°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (-20°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (-30°C)		1907.146	1909.854	1850-1910	PASS
	25°C	LV	1907.146	1909.854	1850-1910	PASS
		HV	1907.149	1909.851	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.262	1909.738	1850-1910	PASS
	Extreme (40°C)		1905.275	1909.725	1850-1910	PASS
	Extreme (30°C)		1905.277	1909.723	1850-1910	PASS
	Extreme (20°C)		1905.271	1909.729	1850-1910	PASS
	Extreme (10°C)		1905.241	1909.759	1850-1910	PASS
	Extreme (0°C)		1905.256	1909.744	1850-1910	PASS
	Extreme (-10°C)		1905.244	1909.756	1850-1910	PASS
	Extreme (-20°C)		1905.235	1909.765	1850-1910	PASS
	Extreme (-30°C)		1905.288	1909.712	1850-1910	PASS
	25°C	LV	1905.226	1909.774	1850-1910	PASS
		HV	1905.216	1909.784	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1900.605	1909.395	1850-1910	PASS
	Extreme (40°C)		1900.627	1909.373	1850-1910	PASS
	Extreme (30°C)		1900.632	1909.368	1850-1910	PASS
	Extreme (20°C)		1900.541	1909.459	1850-1910	PASS
	Extreme (10°C)		1900.597	1909.403	1850-1910	PASS
	Extreme (0°C)		1900.644	1909.356	1850-1910	PASS
	Extreme (-10°C)		1900.536	1909.464	1850-1910	PASS
	Extreme (-20°C)		1900.609	1909.391	1850-1910	PASS
	Extreme (-30°C)		1900.625	1909.375	1850-1910	PASS
	25°C	LV	1900.627	1909.373	1850-1910	PASS
		HV	1900.606	1909.394	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°C)	NV	1895.746	1909.254	1850-1910	PASS
	Extreme (40°C)		1895.723	1909.277	1850-1910	PASS
	Extreme (30°C)		1895.778	1909.222	1850-1910	PASS
	Extreme (20°C)		1895.750	1909.250	1850-1910	PASS
	Extreme (10°C)		1895.787	1909.213	1850-1910	PASS
	Extreme (0°C)		1895.706	1909.294	1850-1910	PASS
	Extreme (-10°C)		1895.768	1909.232	1850-1910	PASS
	Extreme (-20°C)		1895.788	1909.212	1850-1910	PASS
	Extreme (-30°C)		1895.796	1909.204	1850-1910	PASS
	25°C	LV	1895.764	1909.236	1850-1910	PASS
		HV	1895.706	1909.294	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1890.914	1909.086	1850-1910	PASS
	Extreme (40°C)		1890.961	1909.039	1850-1910	PASS
	Extreme (30°C)		1890.945	1909.055	1850-1910	PASS
	Extreme (20°C)		1890.906	1909.094	1850-1910	PASS
	Extreme (10°C)		1890.912	1909.088	1850-1910	PASS
	Extreme (0°C)		1890.983	1909.017	1850-1910	PASS
	Extreme (-10°C)		1890.908	1909.092	1850-1910	PASS
	Extreme (-20°C)		1890.976	1909.024	1850-1910	PASS
	Extreme (-30°C)		1890.927	1909.073	1850-1910	PASS
	25°C	LV	1890.951	1909.049	1850-1910	PASS
		HV	1890.924	1909.076	1850-1910	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.149	1711.251	1710-1755	PASS
	Extreme (40°C)		1710.150	1711.250	1710-1755	PASS
	Extreme (30°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (20°C)		1710.150	1711.250	1710-1755	PASS
	Extreme (10°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (0°C)		1710.150	1711.250	1710-1755	PASS
	Extreme (-10°C)		1710.147	1711.253	1710-1755	PASS

	Extreme (-20°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (-30°C)		1710.145	1711.255	1710-1755	PASS
	25°C	LV	1710.146	1711.254	1710-1755	PASS
		HV	1710.149	1711.251	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)		1710.148	1712.852	1710-1755	PASS
	Extreme (30°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (20°C)		1710.145	1712.855	1710-1755	PASS
	Extreme (10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (0°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-20°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (-30°C)		1710.148	1712.852	1710-1755	PASS
	25°C	LV	1710.145	1712.855	1710-1755	PASS
		HV	1710.146	1712.854	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	1710.239	1714.761	1710-1755	PASS
	Extreme (40°C)		1710.298	1714.702	1710-1755	PASS
	Extreme (30°C)		1710.247	1714.753	1710-1755	PASS
	Extreme (20°C)		1710.201	1714.799	1710-1755	PASS
	Extreme (10°C)		1710.233	1714.767	1710-1755	PASS
	Extreme (0°C)		1710.260	1714.740	1710-1755	PASS
	Extreme (-10°C)		1710.250	1714.750	1710-1755	PASS
	Extreme (-20°C)		1710.245	1714.755	1710-1755	PASS
	Extreme (-30°C)		1710.268	1714.732	1710-1755	PASS
	25°C	LV	1710.290	1714.710	1710-1755	PASS
		HV	1710.297	1714.703	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	1710.641	1719.359	1710-1755	PASS
	Extreme (40°C)		1710.557	1719.443	1710-1755	PASS
	Extreme (30°C)		1710.557	1719.443	1710-1755	PASS
	Extreme (20°C)		1710.522	1719.478	1710-1755	PASS
	Extreme (10°C)		1710.536	1719.464	1710-1755	PASS
	Extreme (0°C)		1710.631	1719.369	1710-1755	PASS
	Extreme (-10°C)		1710.519	1719.481	1710-1755	PASS
	Extreme (-20°C)		1710.505	1719.495	1710-1755	PASS
	Extreme (-30°C)		1710.650	1719.350	1710-1755	PASS
	25°C	LV	1710.531	1719.469	1710-1755	PASS
		HV	1710.510	1719.490	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	1710.710	1724.290	1710-1755	PASS
	Extreme (40°C)		1710.701	1724.299	1710-1755	PASS
	Extreme (30°C)		1710.753	1724.247	1710-1755	PASS
	Extreme (20°C)		1710.728	1724.272	1710-1755	PASS
	Extreme (10°C)		1710.735	1724.265	1710-1755	PASS
	Extreme (0°C)		1710.800	1724.200	1710-1755	PASS
	Extreme (-10°C)		1710.708	1724.292	1710-1755	PASS
	Extreme (-20°C)		1710.762	1724.238	1710-1755	PASS
	Extreme (-30°C)		1710.711	1724.289	1710-1755	PASS
	25°C	LV	1710.762	1724.238	1710-1755	PASS
		HV	1710.790	1724.210	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	1711.037	1728.963	1710-1755	PASS
	Extreme (40°C)		1711.013	1728.987	1710-1755	PASS
	Extreme (30°C)		1711.015	1728.985	1710-1755	PASS
	Extreme (20°C)		1711.043	1728.957	1710-1755	PASS
	Extreme (10°C)		1711.007	1728.993	1710-1755	PASS
	Extreme (0°C)		1711.018	1728.982	1710-1755	PASS
	Extreme (-10°C)		1711.020	1728.980	1710-1755	PASS
	Extreme (-20°C)		1711.014	1728.986	1710-1755	PASS
	Extreme (-30°C)		1711.026	1728.974	1710-1755	PASS
	25°C	LV	1711.047	1728.953	1710-1755	PASS

		HV	1711.018	1728.982	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1753.747	1754.853	1710-1755	PASS
	Extreme (40°C)		1753.748	1754.852	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)		1753.746	1754.854	1710-1755	PASS
	Extreme (0°C)		1753.746	1754.854	1710-1755	PASS
	Extreme (-10°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (-20°C)		1753.746	1754.854	1710-1755	PASS
	Extreme (-30°C)		1753.748	1754.852	1710-1755	PASS
	25°C	LV	1753.749	1754.851	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			
	Temperature	Voltage				
	Extreme (50°C)	NV	1752.146	1754.854	1710-1755	PASS
	Extreme (40°C)		1752.146	1754.854	1710-1755	PASS
	Extreme (30°C)		1752.148	1754.852	1710-1755	PASS
	Extreme (20°C)		1752.148	1754.852	1710-1755	PASS
	Extreme (10°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (0°C)		1752.145	1754.855	1710-1755	PASS
	Extreme (-10°C)		1752.150	1754.850	1710-1755	PASS
	Extreme (-20°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (-30°C)		1752.150	1754.850	1710-1755	PASS
	25°C	LV	1752.148	1754.852	1710-1755	PASS
		HV	1752.148	1754.852	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.263	1754.737	1710-1755	PASS
	Extreme (40°C)		1750.209	1754.791	1710-1755	PASS
	Extreme (30°C)		1750.230	1754.770	1710-1755	PASS

	Extreme (20°C)		1750.269	1754.731	1710-1755	PASS
	Extreme (10°C)		1750.230	1754.770	1710-1755	PASS
	Extreme (0°C)		1750.239	1754.761	1710-1755	PASS
	Extreme (-10°C)		1750.260	1754.740	1710-1755	PASS
	Extreme (-20°C)		1750.245	1754.755	1710-1755	PASS
	Extreme (-30°C)		1750.224	1754.776	1710-1755	PASS
	25°C	LV	1750.206	1754.794	1710-1755	PASS
		HV	1750.259	1754.741	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1745.608	1754.392	1710-1755	PASS
	Extreme (40°C)		1745.508	1754.492	1710-1755	PASS
	Extreme (30°C)		1745.564	1754.436	1710-1755	PASS
	Extreme (20°C)		1745.515	1754.485	1710-1755	PASS
	Extreme (10°C)		1745.529	1754.471	1710-1755	PASS
	Extreme (0°C)		1745.599	1754.401	1710-1755	PASS
	Extreme (-10°C)		1745.588	1754.412	1710-1755	PASS
	Extreme (-20°C)		1745.620	1754.380	1710-1755	PASS
	Extreme (-30°C)		1745.567	1754.433	1710-1755	PASS
	25°C	LV	1745.596	1754.404	1710-1755	PASS
		HV	1745.617	1754.383	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1740.776	1754.224	1710-1755	PASS
	Extreme (40°C)		1740.768	1754.232	1710-1755	PASS
	Extreme (30°C)		1740.792	1754.208	1710-1755	PASS
	Extreme (20°C)		1740.700	1754.300	1710-1755	PASS
	Extreme (10°C)		1740.728	1754.272	1710-1755	PASS
	Extreme (0°C)		1740.739	1754.261	1710-1755	PASS
	Extreme (-10°C)		1740.737	1754.263	1710-1755	PASS
	Extreme (-20°C)		1740.746	1754.254	1710-1755	PASS
	Extreme (-30°C)		1740.729	1754.271	1710-1755	PASS
	25°C	LV	1740.745	1754.255	1710-1755	PASS
		HV	1740.784	1754.216	1710-1755	PASS
LTE B4	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
1745	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1735.997	1754.003	1710-1755	PASS
	Extreme (40°C)		1735.987	1754.013	1710-1755	PASS
	Extreme (30°C)		1735.905	1754.095	1710-1755	PASS
	Extreme (20°C)		1735.946	1754.054	1710-1755	PASS
	Extreme (10°C)		1735.968	1754.032	1710-1755	PASS
	Extreme (0°C)		1735.993	1754.007	1710-1755	PASS
	Extreme (-10°C)		1735.979	1754.021	1710-1755	PASS
	Extreme (-20°C)		1735.970	1754.030	1710-1755	PASS
	Extreme (-30°C)		1735.976	1754.024	1710-1755	PASS
	25°C	LV	1735.988	1754.012	1710-1755	PASS
		HV	1735.930	1754.070	1710-1755	PASS

LTE B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	2.49	0.00297	PASS
	Extreme (40°C)		17.94	0.02145	PASS
	Extreme (30°C)		4.91	0.00586	PASS
	Extreme (20°C)		16.06	0.01920	PASS
	Extreme (10°C)		3.95	0.00472	PASS
	Extreme (0°C)		13.41	0.01604	PASS
	Extreme (-10°C)		6.34	0.00758	PASS
	Extreme (-20°C)		6.26	0.00748	PASS
	Extreme (-30°C)		14.96	0.01788	PASS
	25°C	LV	9.87	0.01180	PASS
		HV	10.00	0.01195	PASS

LTE B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.44	0.01367	PASS
	Extreme (40°C)		9.04	0.01080	PASS
	Extreme (30°C)		9.32	0.01114	PASS
	Extreme (20°C)		14.53	0.01737	PASS
	Extreme (10°C)		4.23	0.00506	PASS
	Extreme (0°C)		7.27	0.00869	PASS
	Extreme (-10°C)		13.79	0.01648	PASS

	Extreme (-20°C)		12.97	0.01550	PASS
	Extreme (-30°C)		17.97	0.02148	PASS
	25°C	LV	17.48	0.02090	PASS
		HV	4.14	0.00495	PASS
LTE B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.02	0.00121	PASS
	Extreme (40°C)		17.10	0.02044	PASS
	Extreme (30°C)		2.38	0.00285	PASS
	Extreme (20°C)		3.42	0.00409	PASS
	Extreme (10°C)		12.93	0.01546	PASS
	Extreme (0°C)		5.97	0.00714	PASS
	Extreme (-10°C)		6.64	0.00793	PASS
	Extreme (-20°C)		16.49	0.01972	PASS
	Extreme (-30°C)		11.08	0.01325	PASS
	25°C	LV	6.97	0.00834	PASS
		HV	3.38	0.00404	PASS
LTE B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	2.17	0.00260	PASS
	Extreme (40°C)		6.22	0.00743	PASS
	Extreme (30°C)		12.04	0.01439	PASS
	Extreme (20°C)		10.52	0.01257	PASS
	Extreme (10°C)		11.92	0.01425	PASS
	Extreme (0°C)		8.09	0.00967	PASS
	Extreme (-10°C)		2.24	0.00268	PASS
	Extreme (-20°C)		12.81	0.01531	PASS
	Extreme (-30°C)		11.43	0.01367	PASS
	25°C	LV	4.98	0.00596	PASS
		HV	4.42	0.00529	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	699.149	700.251	699-716	PASS

	Extreme (40℃)		699.149	700.251	699-716	PASS
	Extreme (30℃)		699.150	700.250	699-716	PASS
	Extreme (20℃)		699.149	700.251	699-716	PASS
	Extreme (10℃)		699.149	700.251	699-716	PASS
	Extreme (0℃)		699.146	700.254	699-716	PASS
	Extreme (-10℃)		699.146	700.254	699-716	PASS
	Extreme (-20℃)		699.148	700.252	699-716	PASS
	Extreme (-30℃)		699.146	700.254	699-716	PASS
	25℃	LV	699.147	700.253	699-716	PASS
HV		699.149	700.251	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℃)		699.148	701.852	699-716	PASS
	Extreme (30℃)		699.147	701.853	699-716	PASS
	Extreme (20℃)		699.146	701.854	699-716	PASS
	Extreme (10℃)		699.148	701.852	699-716	PASS
	Extreme (0℃)		699.150	701.850	699-716	PASS
	Extreme (-10℃)		699.146	701.854	699-716	PASS
	Extreme (-20℃)		699.147	701.853	699-716	PASS
	Extreme (-30℃)	699.147	701.853	699-716	PASS	
	25℃	LV	699.148	701.852	699-716	PASS
HV		699.149	701.851	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	699.295	703.705	699-716	PASS
	Extreme (40℃)		699.262	703.738	699-716	PASS
	Extreme (30℃)		699.299	703.701	699-716	PASS
	Extreme (20℃)		699.281	703.719	699-716	PASS
	Extreme (10℃)		699.293	703.707	699-716	PASS
	Extreme (0℃)		699.238	703.762	699-716	PASS
	Extreme (-10℃)		699.229	703.771	699-716	PASS
	Extreme (-20℃)		699.265	703.735	699-716	PASS
	Extreme (-30℃)		699.223	703.777	699-716	PASS

	25°C	LV	699.201	703.799	699-716	PASS
		HV	699.280	703.720	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	699.626	708.374	699-716	PASS
	Extreme (40°C)		699.538	708.462	699-716	PASS
	Extreme (30°C)		699.593	708.407	699-716	PASS
	Extreme (20°C)		699.561	708.439	699-716	PASS
	Extreme (10°C)		699.553	708.447	699-716	PASS
	Extreme (0°C)		699.628	708.372	699-716	PASS
	Extreme (-10°C)		699.520	708.480	699-716	PASS
	Extreme (-20°C)		699.501	708.499	699-716	PASS
	Extreme (-30°C)		699.553	708.447	699-716	PASS
	25°C	LV	699.621	708.379	699-716	PASS
		HV	699.629	708.371	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	714.750	715.850	699-716	PASS
	Extreme (40°C)		714.748	715.852	699-716	PASS
	Extreme (30°C)		714.746	715.854	699-716	PASS
	Extreme (20°C)		714.748	715.852	699-716	PASS
	Extreme (10°C)		714.749	715.851	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)		714.747	715.853	699-716	PASS
	Extreme (-30°C)		714.748	715.852	699-716	PASS
	25°C	LV	714.747	715.853	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℃)	NV	713.148	715.852	699-716	PASS
	Extreme (40℃)		713.147	715.853	699-716	PASS
	Extreme (30℃)		713.149	715.851	699-716	PASS
	Extreme (20℃)		713.147	715.853	699-716	PASS
	Extreme (10℃)		713.147	715.853	699-716	PASS
	Extreme (0℃)		713.146	715.854	699-716	PASS
	Extreme (-10℃)		713.148	715.852	699-716	PASS
	Extreme (-20℃)		713.145	715.855	699-716	PASS
	Extreme (-30℃)		713.149	715.851	699-716	PASS
	25℃	LV	713.149	715.851	699-716	PASS
	HV	713.146	715.854	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℃)	NV	711.237	715.763	699-716	PASS
	Extreme (40℃)		711.253	715.747	699-716	PASS
	Extreme (30℃)		711.224	715.776	699-716	PASS
	Extreme (20℃)		711.272	715.728	699-716	PASS
	Extreme (10℃)		711.288	715.712	699-716	PASS
	Extreme (0℃)		711.240	715.760	699-716	PASS
	Extreme (-10℃)		711.204	715.796	699-716	PASS
	Extreme (-20℃)		711.207	715.793	699-716	PASS
	Extreme (-30℃)		711.239	715.761	699-716	PASS
	25℃	LV	711.245	715.755	699-716	PASS
	HV	711.246	715.754	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℃)	NV	706.646	715.354	699-716	PASS
	Extreme (40℃)		706.550	715.450	699-716	PASS
	Extreme (30℃)		706.639	715.361	699-716	PASS
	Extreme (20℃)		706.530	715.470	699-716	PASS
	Extreme (10℃)		706.562	715.438	699-716	PASS
	Extreme (0℃)		706.575	715.425	699-716	PASS
	Extreme (-10℃)		706.576	715.424	699-716	PASS

	Extreme (-20°C)		706.544	715.456	699-716	PASS
	Extreme (-30°C)		706.574	715.426	699-716	PASS
	25°C	LV	706.626	715.374	699-716	PASS
		HV	706.647	715.353	699-716	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	777.217	781.783	777-787	PASS
	Extreme (40°C)		777.251	781.749	777-787	PASS
	Extreme (30°C)		777.274	781.726	777-787	PASS
	Extreme (20°C)		777.277	781.723	777-787	PASS
	Extreme (10°C)		777.226	781.774	777-787	PASS
	Extreme (0°C)		777.296	781.704	777-787	PASS
	Extreme (-10°C)		777.202	781.798	777-787	PASS
	Extreme (-20°C)		777.217	781.783	777-787	PASS
	Extreme (-30°C)		777.250	781.750	777-787	PASS
	25°C	LV	777.293	781.707	777-787	PASS
		HV	777.239	781.761	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
782	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	777.622	786.378	777-787	PASS
	Extreme (40°C)		777.647	786.353	777-787	PASS
	Extreme (30°C)		777.592	786.408	777-787	PASS
	Extreme (20°C)		777.553	786.447	777-787	PASS
	Extreme (10°C)		777.548	786.452	777-787	PASS
	Extreme (0°C)		777.537	786.463	777-787	PASS
	Extreme (-10°C)		777.628	786.372	777-787	PASS
	Extreme (-20°C)		777.566	786.434	777-787	PASS
	Extreme (-30°C)		777.608	786.392	777-787	PASS
	25°C	LV	777.631	786.369	777-787	PASS
		HV	777.577	786.423	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

784.5	BANDWIDTH		5MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	782.208	786.792	777-787	PASS
	Extreme (40℃)			782.296	786.704	777-787	PASS
	Extreme (30℃)			782.239	786.761	777-787	PASS
	Extreme (20℃)			782.291	786.709	777-787	PASS
	Extreme (10℃)			782.272	786.728	777-787	PASS
	Extreme (0℃)			782.257	786.743	777-787	PASS
	Extreme (-10℃)			782.236	786.764	777-787	PASS
	Extreme (-20℃)			782.232	786.768	777-787	PASS
	Extreme (-30℃)			782.212	786.788	777-787	PASS
	25℃		LV	782.270	786.730	777-787	PASS
HV			782.203	786.797	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℃)		NV	788.285	792.715	788-798	PASS
	Extreme (40℃)			788.270	792.730	788-798	PASS
	Extreme (30℃)			788.299	792.701	788-798	PASS
	Extreme (20℃)			788.258	792.742	788-798	PASS
	Extreme (10℃)			788.243	792.757	788-798	PASS
	Extreme (0℃)			788.214	792.786	788-798	PASS
	Extreme (-10℃)			788.281	792.719	788-798	PASS
	Extreme (-20℃)			788.236	792.764	788-798	PASS
	Extreme (-30℃)			788.231	792.769	788-798	PASS
	25℃		LV	788.215	792.785	788-798	PASS
HV			788.289	792.711	788-798	PASS	
LTE B14 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
793	BANDWIDTH		10MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	788.571	797.429	788-798	PASS
	Extreme (40℃)			788.516	797.484	788-798	PASS
	Extreme (30℃)			788.510	797.490	788-798	PASS
	Extreme (20℃)			788.506	797.494	788-798	PASS
	Extreme (10℃)			788.521	797.479	788-798	PASS

	Extreme (0℃)		788.502	797.498	788-798	PASS
	Extreme (-10℃)		788.523	797.477	788-798	PASS
	Extreme (-20℃)		788.563	797.437	788-798	PASS
	Extreme (-30℃)		788.537	797.463	788-798	PASS
	25℃	LV	788.544	797.456	788-798	PASS
		HV	788.518	797.482	788-798	PASS
LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
795.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	793.296	797.704	788-798	PASS
	Extreme (40℃)		793.208	797.792	788-798	PASS
	Extreme (30℃)		793.245	797.755	788-798	PASS
	Extreme (20℃)		793.263	797.737	788-798	PASS
	Extreme (10℃)		793.218	797.782	788-798	PASS
	Extreme (0℃)		793.235	797.765	788-798	PASS
	Extreme (-10℃)		793.274	797.726	788-798	PASS
	Extreme (-20℃)		793.273	797.727	788-798	PASS
	Extreme (-30℃)		793.201	797.799	788-798	PASS
	25℃	LV	793.244	797.756	788-798	PASS
		HV	793.278	797.722	788-798	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℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (20℃)		1850.149	1851.251	1850-1915	PASS
	Extreme (10℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (0℃)		1850.148	1851.252	1850-1915	PASS
	Extreme (-10℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (-20℃)		1850.149	1851.251	1850-1915	PASS
	Extreme (-30℃)		1850.149	1851.251	1850-1915	PASS
	25℃	LV	1850.146	1851.254	1850-1915	PASS
		HV	1850.147	1851.253	1850-1915	PASS
LTE	Condition		F Low	F High	Limit	Verdict

B25 Fc(MHz)			(MHz)	(MHz)	(MHz)	
1851.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.149	1852.851	1850-1915	PASS
	Extreme (40℃)		1850.145	1852.855	1850-1915	PASS
	Extreme (30℃)		1850.149	1852.851	1850-1915	PASS
	Extreme (20℃)		1850.149	1852.851	1850-1915	PASS
	Extreme (10℃)		1850.147	1852.853	1850-1915	PASS
	Extreme (0℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (-10℃)		1850.149	1852.851	1850-1915	PASS
	Extreme (-20℃)		1850.147	1852.853	1850-1915	PASS
	Extreme (-30℃)		1850.146	1852.854	1850-1915	PASS
	25℃	LV	1850.148	1852.852	1850-1915	PASS
		HV	1850.148	1852.852	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.210	1854.790	1850-1915	PASS
	Extreme (40℃)		1850.225	1854.775	1850-1915	PASS
	Extreme (30℃)		1850.287	1854.713	1850-1915	PASS
	Extreme (20℃)		1850.281	1854.719	1850-1915	PASS
	Extreme (10℃)		1850.232	1854.768	1850-1915	PASS
	Extreme (0℃)		1850.219	1854.781	1850-1915	PASS
	Extreme (-10℃)		1850.288	1854.712	1850-1915	PASS
	Extreme (-20℃)		1850.294	1854.706	1850-1915	PASS
	Extreme (-30℃)		1850.258	1854.742	1850-1915	PASS
	25℃	LV	1850.232	1854.768	1850-1915	PASS
		HV	1850.254	1854.746	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.611	1859.389	1850-1915	PASS
	Extreme (40℃)		1850.539	1859.461	1850-1915	PASS
	Extreme (30℃)		1850.584	1859.416	1850-1915	PASS

	Extreme (20°C)		1850.543	1859.457	1850-1915	PASS
	Extreme (10°C)		1850.512	1859.488	1850-1915	PASS
	Extreme (0°C)		1850.579	1859.421	1850-1915	PASS
	Extreme (-10°C)		1850.536	1859.464	1850-1915	PASS
	Extreme (-20°C)		1850.598	1859.402	1850-1915	PASS
	Extreme (-30°C)		1850.612	1859.388	1850-1915	PASS
	25°C	LV	1850.514	1859.486	1850-1915	PASS
		HV	1850.547	1859.453	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.716	1864.284	1850-1915	PASS
	Extreme (40°C)		1850.737	1864.263	1850-1915	PASS
	Extreme (30°C)		1850.781	1864.219	1850-1915	PASS
	Extreme (20°C)		1850.784	1864.216	1850-1915	PASS
	Extreme (10°C)		1850.774	1864.226	1850-1915	PASS
	Extreme (0°C)		1850.775	1864.225	1850-1915	PASS
	Extreme (-10°C)		1850.787	1864.213	1850-1915	PASS
	Extreme (-20°C)		1850.787	1864.213	1850-1915	PASS
	Extreme (-30°C)		1850.735	1864.265	1850-1915	PASS
	25°C	LV	1850.713	1864.287	1850-1915	PASS
		HV	1850.740	1864.260	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1851.025	1868.975	1850-1915	PASS
	Extreme (40°C)		1851.045	1868.955	1850-1915	PASS
	Extreme (30°C)		1851.021	1868.979	1850-1915	PASS
	Extreme (20°C)		1851.022	1868.978	1850-1915	PASS
	Extreme (10°C)		1851.043	1868.957	1850-1915	PASS
	Extreme (0°C)		1851.013	1868.987	1850-1915	PASS
	Extreme (-10°C)		1851.017	1868.983	1850-1915	PASS
	Extreme (-20°C)		1851.037	1868.963	1850-1915	PASS
	Extreme (-30°C)		1851.046	1868.954	1850-1915	PASS
	25°C	LV	1851.036	1868.964	1850-1915	PASS
		HV	1851.044	1868.956	1850-1915	PASS

LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1914.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1913.749	1914.851	1850-1915	PASS
	Extreme (40℃)		1913.746	1914.854	1850-1915	PASS
	Extreme (30℃)		1913.748	1914.852	1850-1915	PASS
	Extreme (20℃)		1913.747	1914.853	1850-1915	PASS
	Extreme (10℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (0℃)		1913.745	1914.855	1850-1915	PASS
	Extreme (-10℃)		1913.746	1914.854	1850-1915	PASS
	Extreme (-20℃)		1913.746	1914.854	1850-1915	PASS
	Extreme (-30℃)		1913.750	1914.850	1850-1915	PASS
	25℃	LV	1913.746	1914.854	1850-1915	PASS
		HV	1913.748	1914.852	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	1912.149	1914.851	1850-1915	PASS
	Extreme (40℃)		1912.150	1914.850	1850-1915	PASS
	Extreme (30℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (20℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (10℃)		1912.147	1914.853	1850-1915	PASS
	Extreme (0℃)		1912.145	1914.855	1850-1915	PASS
	Extreme (-10℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (-20℃)		1912.149	1914.851	1850-1915	PASS
	Extreme (-30℃)		1912.147	1914.853	1850-1915	PASS
	25℃	LV	1912.145	1914.855	1850-1915	PASS
		HV	1912.146	1914.854	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	1910.219	1914.781	1850-1915	PASS

	Extreme (40°C)		1910.280	1914.720	1850-1915	PASS
	Extreme (30°C)		1910.260	1914.740	1850-1915	PASS
	Extreme (20°C)		1910.263	1914.737	1850-1915	PASS
	Extreme (10°C)		1910.274	1914.726	1850-1915	PASS
	Extreme (0°C)		1910.203	1914.797	1850-1915	PASS
	Extreme (-10°C)		1910.287	1914.713	1850-1915	PASS
	Extreme (-20°C)		1910.263	1914.737	1850-1915	PASS
	Extreme (-30°C)		1910.258	1914.742	1850-1915	PASS
	25°C	LV	1910.206	1914.794	1850-1915	PASS
		HV	1910.276	1914.724	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.527	1914.473	1850-1915	PASS
	Extreme (40°C)		1905.506	1914.494	1850-1915	PASS
	Extreme (30°C)		1905.559	1914.441	1850-1915	PASS
	Extreme (20°C)		1905.601	1914.399	1850-1915	PASS
	Extreme (10°C)		1905.528	1914.472	1850-1915	PASS
	Extreme (0°C)		1905.555	1914.445	1850-1915	PASS
	Extreme (-10°C)		1905.568	1914.432	1850-1915	PASS
	Extreme (-20°C)		1905.560	1914.440	1850-1915	PASS
	Extreme (-30°C)		1905.559	1914.441	1850-1915	PASS
	25°C	LV	1905.610	1914.390	1850-1915	PASS
		HV	1905.639	1914.361	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1900.770	1914.230	1850-1915	PASS
	Extreme (40°C)		1900.784	1914.216	1850-1915	PASS
	Extreme (30°C)		1900.774	1914.226	1850-1915	PASS
	Extreme (20°C)		1900.749	1914.251	1850-1915	PASS
	Extreme (10°C)		1900.722	1914.278	1850-1915	PASS
	Extreme (0°C)		1900.767	1914.233	1850-1915	PASS
	Extreme (-10°C)		1900.724	1914.276	1850-1915	PASS
	Extreme (-20°C)		1900.779	1914.221	1850-1915	PASS
	Extreme (-30°C)		1900.750	1914.250	1850-1915	PASS

	25°C	LV	1900.716	1914.284	1850-1915	PASS
		HV	1900.722	1914.278	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	1895.933	1914.067	1850-1915	PASS
	Extreme (40°C)		1895.936	1914.064	1850-1915	PASS
	Extreme (30°C)		1895.935	1914.065	1850-1915	PASS
	Extreme (20°C)		1895.975	1914.025	1850-1915	PASS
	Extreme (10°C)		1895.959	1914.041	1850-1915	PASS
	Extreme (0°C)		1895.930	1914.070	1850-1915	PASS
	Extreme (-10°C)		1895.944	1914.056	1850-1915	PASS
	Extreme (-20°C)		1895.964	1914.036	1850-1915	PASS
	Extreme (-30°C)		1895.965	1914.035	1850-1915	PASS
	25°C	LV	1895.992	1914.008	1850-1915	PASS
		HV	1895.955	1914.045	1850-1915	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.146	1711.254	1710-1780	PASS
	Extreme (40°C)		1710.149	1711.251	1710-1780	PASS
	Extreme (30°C)		1710.150	1711.250	1710-1780	PASS
	Extreme (20°C)		1710.147	1711.253	1710-1780	PASS
	Extreme (10°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (0°C)		1710.150	1711.250	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)		1710.147	1711.253	1710-1780	PASS
	25°C	LV	1710.149	1711.251	1710-1780	PASS
		HV	1710.149	1711.251	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	1710.150	1712.850	1710-1780	PASS
	Extreme（40℃）			1710.148	1712.852	1710-1780	PASS
	Extreme（30℃）			1710.149	1712.851	1710-1780	PASS
	Extreme（20℃）			1710.146	1712.854	1710-1780	PASS
	Extreme（10℃）			1710.148	1712.852	1710-1780	PASS
	Extreme（0℃）			1710.149	1712.851	1710-1780	PASS
	Extreme（-10℃）			1710.150	1712.850	1710-1780	PASS
	Extreme（-20℃）			1710.145	1712.855	1710-1780	PASS
	Extreme（-30℃）			1710.146	1712.854	1710-1780	PASS
25℃		LV	1710.146	1712.854	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℃）		1710.287	1714.713	1710-1780	PASS	
	Extreme（40℃）		1710.278	1714.722	1710-1780	PASS	
	Extreme（30℃）		1710.266	1714.734	1710-1780	PASS	
	Extreme（20℃）		1710.253	1714.747	1710-1780	PASS	
	Extreme（10℃）		1710.245	1714.755	1710-1780	PASS	
	Extreme（0℃）		1710.222	1714.778	1710-1780	PASS	
	Extreme（-10℃）		1710.273	1714.727	1710-1780	PASS	
	Extreme（-20℃）		1710.218	1714.782	1710-1780	PASS	
	Extreme（-30℃）		1710.263	1714.737	1710-1780	PASS	
	25℃		LV	1710.293	1714.707	1710-1780	PASS
		HV	1710.221	1714.779	1710-1780	PASS	
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict	
1715	BANDWIDTH	10MHz					
	Temperature	Voltage	QPSK				
	Extreme（50℃）		1710.550	1719.450	1710-1780	PASS	
	Extreme（40℃）		1710.549	1719.451	1710-1780	PASS	
	Extreme（30℃）		1710.635	1719.365	1710-1780	PASS	
	Extreme（20℃）		1710.574	1719.426	1710-1780	PASS	
	Extreme（10℃）		1710.587	1719.413	1710-1780	PASS	
	Extreme（0℃）		1710.517	1719.483	1710-1780	PASS	
	Extreme（-10℃）		1710.617	1719.383	1710-1780	PASS	

	Extreme (-20℃)		1710.632	1719.368	1710-1780	PASS
	Extreme (-30℃)		1710.546	1719.454	1710-1780	PASS
	25℃	LV	1710.511	1719.489	1710-1780	PASS
		HV	1710.518	1719.482	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	1710.711	1724.289	1710-1780	PASS
	Extreme (40℃)		1710.715	1724.285	1710-1780	PASS
	Extreme (30℃)		1710.779	1724.221	1710-1780	PASS
	Extreme (20℃)		1710.792	1724.208	1710-1780	PASS
	Extreme (10℃)		1710.784	1724.216	1710-1780	PASS
	Extreme (0℃)		1710.745	1724.255	1710-1780	PASS
	Extreme (-10℃)		1710.715	1724.285	1710-1780	PASS
	Extreme (-20℃)		1710.768	1724.232	1710-1780	PASS
	Extreme (-30℃)		1710.777	1724.223	1710-1780	PASS
	25℃	LV	1710.707	1724.293	1710-1780	PASS
		HV	1710.793	1724.207	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	1711.021	1728.979	1710-1780	PASS
	Extreme (40℃)		1711.029	1728.971	1710-1780	PASS
	Extreme (30℃)		1711.030	1728.970	1710-1780	PASS
	Extreme (20℃)		1711.012	1728.988	1710-1780	PASS
	Extreme (10℃)		1711.002	1728.998	1710-1780	PASS
	Extreme (0℃)		1711.044	1728.956	1710-1780	PASS
	Extreme (-10℃)		1711.039	1728.961	1710-1780	PASS
	Extreme (-20℃)		1711.020	1728.980	1710-1780	PASS
	Extreme (-30℃)		1711.047	1728.953	1710-1780	PASS
	25℃	LV	1711.009	1728.991	1710-1780	PASS
		HV	1711.034	1728.966	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℃）		NV	1778.747	1779.853	1710-1780	PASS
	Extreme（40℃）			1778.746	1779.854	1710-1780	PASS
	Extreme（30℃）			1778.746	1779.854	1710-1780	PASS
	Extreme（20℃）			1778.746	1779.854	1710-1780	PASS
	Extreme（10℃）			1778.750	1779.850	1710-1780	PASS
	Extreme（0℃）			1778.748	1779.852	1710-1780	PASS
	Extreme（-10℃）			1778.748	1779.852	1710-1780	PASS
	Extreme（-20℃）			1778.749	1779.851	1710-1780	PASS
	Extreme（-30℃）			1778.745	1779.855	1710-1780	PASS
	25℃		LV	1778.746	1779.854	1710-1780	PASS
HV			1778.746	1779.854	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℃）		NV	1777.146	1779.854	1710-1780	PASS
	Extreme（40℃）			1777.146	1779.854	1710-1780	PASS
	Extreme（30℃）			1777.147	1779.853	1710-1780	PASS
	Extreme（20℃）			1777.148	1779.852	1710-1780	PASS
	Extreme（10℃）			1777.149	1779.851	1710-1780	PASS
	Extreme（0℃）			1777.146	1779.854	1710-1780	PASS
	Extreme（-10℃）			1777.147	1779.853	1710-1780	PASS
	Extreme（-20℃）			1777.145	1779.855	1710-1780	PASS
	Extreme（-30℃）			1777.149	1779.851	1710-1780	PASS
	25℃		LV	1777.148	1779.852	1710-1780	PASS
HV			1777.148	1779.852	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	1775.211	1779.789	1710-1780	PASS
	Extreme（40℃）			1775.269	1779.731	1710-1780	PASS
	Extreme（30℃）			1775.234	1779.766	1710-1780	PASS
	Extreme（20℃）			1775.254	1779.746	1710-1780	PASS
	Extreme（10℃）			1775.249	1779.751	1710-1780	PASS

	Extreme (0℃)		1775.204	1779.796	1710-1780	PASS
	Extreme (-10℃)		1775.252	1779.748	1710-1780	PASS
	Extreme (-20℃)		1775.293	1779.707	1710-1780	PASS
	Extreme (-30℃)		1775.216	1779.784	1710-1780	PASS
	25℃	LV	1775.232	1779.768	1710-1780	PASS
		HV	1775.206	1779.794	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	1770.616	1779.384	1710-1780	PASS
	Extreme (40℃)		1770.555	1779.445	1710-1780	PASS
	Extreme (30℃)		1770.547	1779.453	1710-1780	PASS
	Extreme (20℃)		1770.577	1779.423	1710-1780	PASS
	Extreme (10℃)		1770.605	1779.395	1710-1780	PASS
	Extreme (0℃)		1770.568	1779.432	1710-1780	PASS
	Extreme (-10℃)		1770.649	1779.351	1710-1780	PASS
	Extreme (-20℃)		1770.508	1779.492	1710-1780	PASS
	Extreme (-30℃)		1770.595	1779.405	1710-1780	PASS
	25℃	LV	1770.580	1779.420	1710-1780	PASS
		HV	1770.641	1779.359	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	1765.725	1779.275	1710-1780	PASS
	Extreme (40℃)		1765.706	1779.294	1710-1780	PASS
	Extreme (30℃)		1765.711	1779.289	1710-1780	PASS
	Extreme (20℃)		1765.763	1779.237	1710-1780	PASS
	Extreme (10℃)		1765.750	1779.250	1710-1780	PASS
	Extreme (0℃)		1765.706	1779.294	1710-1780	PASS
	Extreme (-10℃)		1765.705	1779.295	1710-1780	PASS
	Extreme (-20℃)		1765.761	1779.239	1710-1780	PASS
	Extreme (-30℃)		1765.792	1779.208	1710-1780	PASS
	25℃	LV	1765.792	1779.208	1710-1780	PASS
		HV	1765.735	1779.265	1710-1780	PASS
LTE	Condition		F Low	F High	Limit	Verdict

B66 Fc(MHz)			(MHz)	(MHz)	(MHz)	
1770	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1760.906	1779.094	1710-1780	PASS
	Extreme (40°C)		1760.908	1779.092	1710-1780	PASS
	Extreme (30°C)		1760.915	1779.085	1710-1780	PASS
	Extreme (20°C)		1760.911	1779.089	1710-1780	PASS
	Extreme (10°C)		1760.982	1779.018	1710-1780	PASS
	Extreme (0°C)		1760.902	1779.098	1710-1780	PASS
	Extreme (-10°C)		1760.907	1779.093	1710-1780	PASS
	Extreme (-20°C)		1760.955	1779.045	1710-1780	PASS
	Extreme (-30°C)		1760.960	1779.040	1710-1780	PASS
	25°C	LV	1760.942	1779.058	1710-1780	PASS
		HV	1760.933	1779.067	1710-1780	PASS