

Frequency Stability

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.147	1851.253	1850-1910	PASS
	Extreme (40°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (30°C)		1850.145	1851.255	1850-1910	PASS
	Extreme (20°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (10°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (0°C)		1850.150	1851.250	1850-1910	PASS
	Extreme (-10°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (-20°C)		1850.150	1851.250	1850-1910	PASS
	Extreme (-30°C)		1850.145	1851.255	1850-1910	PASS
	25°C	LV	1850.148	1851.252	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.149	1852.851	1850-1910	PASS
	Extreme (40°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (30°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (20°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (10°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (0°C)		1850.145	1852.855	1850-1910	PASS
	Extreme (-10°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (-20°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (-30°C)		1850.148	1852.852	1850-1910	PASS
	25°C	LV	1850.150	1852.850	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.263	1854.737	1850-1910	PASS
	Extreme (40°C)		1850.202	1854.798	1850-1910	PASS
	Extreme (30°C)		1850.291	1854.709	1850-1910	PASS
	Extreme (20°C)		1850.291	1854.709	1850-1910	PASS

	Extreme (10°C)		1850.265	1854.735	1850-1910	PASS
	Extreme (0°C)		1850.262	1854.738	1850-1910	PASS
	Extreme (-10°C)		1850.298	1854.702	1850-1910	PASS
	Extreme (-20°C)		1850.285	1854.715	1850-1910	PASS
	Extreme (-30°C)		1850.251	1854.749	1850-1910	PASS
	25°C	LV	1850.207	1854.793	1850-1910	PASS
		HV	1850.249	1854.751	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	1850.534	1859.466	1850-1910	PASS
	Extreme (40°C)		1850.570	1859.430	1850-1910	PASS
	Extreme (30°C)		1850.533	1859.467	1850-1910	PASS
	Extreme (20°C)		1850.533	1859.467	1850-1910	PASS
	Extreme (10°C)		1850.548	1859.452	1850-1910	PASS
	Extreme (0°C)		1850.507	1859.493	1850-1910	PASS
	Extreme (-10°C)		1850.591	1859.409	1850-1910	PASS
	Extreme (-20°C)		1850.553	1859.447	1850-1910	PASS
	Extreme (-30°C)		1850.650	1859.350	1850-1910	PASS
	25°C	LV	1850.611	1859.389	1850-1910	PASS
		HV	1850.544	1859.456	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	1850.707	1864.293	1850-1910	PASS
	Extreme (40°C)		1850.765	1864.235	1850-1910	PASS
	Extreme (30°C)		1850.752	1864.248	1850-1910	PASS
	Extreme (20°C)		1850.718	1864.282	1850-1910	PASS
	Extreme (10°C)		1850.729	1864.271	1850-1910	PASS
	Extreme (0°C)		1850.706	1864.294	1850-1910	PASS
	Extreme (-10°C)		1850.787	1864.213	1850-1910	PASS
	Extreme (-20°C)		1850.701	1864.299	1850-1910	PASS
	Extreme (-30°C)		1850.796	1864.204	1850-1910	PASS
	25°C	LV	1850.736	1864.264	1850-1910	PASS
		HV	1850.734	1864.266	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1860	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1851.035	1868.965	1850-1910	PASS
	Extreme (40°C)		1851.036	1868.964	1850-1910	PASS
	Extreme (30°C)		1851.005	1868.995	1850-1910	PASS
	Extreme (20°C)		1851.031	1868.969	1850-1910	PASS
	Extreme (10°C)		1851.020	1868.980	1850-1910	PASS
	Extreme (0°C)		1851.020	1868.980	1850-1910	PASS
	Extreme (-10°C)		1851.014	1868.986	1850-1910	PASS
	Extreme (-20°C)		1851.017	1868.983	1850-1910	PASS
	Extreme (-30°C)		1851.030	1868.970	1850-1910	PASS
	25°C	LV	1851.011	1868.989	1850-1910	PASS
		HV	1851.019	1868.981	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	1908.745	1909.855	1850-1910	PASS
	Extreme (40°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (30°C)		1908.750	1909.850	1850-1910	PASS
	Extreme (20°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (10°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (0°C)		1908.746	1909.854	1850-1910	PASS
	Extreme (-10°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (-20°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (-30°C)		1908.749	1909.851	1850-1910	PASS
	25°C	LV	1908.746	1909.854	1850-1910	PASS
		HV	1908.748	1909.852	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	1907.150	1909.850	1850-1910	PASS
	Extreme (40°C)		1907.147	1909.853	1850-1910	PASS
	Extreme (30°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (20°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (10°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (0°C)		1907.150	1909.850	1850-1910	PASS
	Extreme (-10°C)		1907.147	1909.853	1850-1910	PASS

	Extreme (-20℃)		1907.147	1909.853	1850-1910	PASS
	Extreme (-30℃)		1907.146	1909.854	1850-1910	PASS
	25℃	LV	1907.149	1909.851	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℃)	NV	1905.213	1909.787	1850-1910	PASS
	Extreme (40℃)		1905.206	1909.794	1850-1910	PASS
	Extreme (30℃)		1905.223	1909.777	1850-1910	PASS
	Extreme (20℃)		1905.267	1909.733	1850-1910	PASS
	Extreme (10℃)		1905.238	1909.762	1850-1910	PASS
	Extreme (0℃)		1905.258	1909.742	1850-1910	PASS
	Extreme (-10℃)		1905.247	1909.753	1850-1910	PASS
	Extreme (-20℃)		1905.258	1909.742	1850-1910	PASS
	Extreme (-30℃)		1905.294	1909.706	1850-1910	PASS
	25℃	LV	1905.259	1909.741	1850-1910	PASS
		HV	1905.295	1909.705	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1900.605	1909.395	1850-1910	PASS
	Extreme (40℃)		1900.582	1909.418	1850-1910	PASS
	Extreme (30℃)		1900.539	1909.461	1850-1910	PASS
	Extreme (20℃)		1900.575	1909.425	1850-1910	PASS
	Extreme (10℃)		1900.606	1909.394	1850-1910	PASS
	Extreme (0℃)		1900.544	1909.456	1850-1910	PASS
	Extreme (-10℃)		1900.559	1909.441	1850-1910	PASS
	Extreme (-20℃)		1900.623	1909.377	1850-1910	PASS
	Extreme (-30℃)		1900.583	1909.417	1850-1910	PASS
	25℃	LV	1900.613	1909.387	1850-1910	PASS
		HV	1900.547	1909.453	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	1895.741	1909.259	1850-1910	PASS
	Extreme (40℃)		1895.773	1909.227	1850-1910	PASS
	Extreme (30℃)		1895.771	1909.229	1850-1910	PASS
	Extreme (20℃)		1895.754	1909.246	1850-1910	PASS
	Extreme (10℃)		1895.770	1909.230	1850-1910	PASS
	Extreme (0℃)		1895.761	1909.239	1850-1910	PASS
	Extreme (-10℃)		1895.732	1909.268	1850-1910	PASS
	Extreme (-20℃)		1895.714	1909.286	1850-1910	PASS
	Extreme (-30℃)		1895.703	1909.297	1850-1910	PASS
		25℃	LV	1895.777	1909.223	1850-1910
		HV	1895.769	1909.231	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	1890.925	1909.075	1850-1910	PASS
	Extreme (40℃)		1890.985	1909.015	1850-1910	PASS
	Extreme (30℃)		1890.977	1909.023	1850-1910	PASS
	Extreme (20℃)		1890.907	1909.093	1850-1910	PASS
	Extreme (10℃)		1890.922	1909.078	1850-1910	PASS
	Extreme (0℃)		1890.969	1909.031	1850-1910	PASS
	Extreme (-10℃)		1890.904	1909.096	1850-1910	PASS
	Extreme (-20℃)		1890.928	1909.072	1850-1910	PASS
	Extreme (-30℃)		1890.955	1909.045	1850-1910	PASS
		25℃	LV	1890.946	1909.054	1850-1910
		HV	1890.912	1909.088	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	1710.146	1711.254	1710-1755	PASS
	Extreme (40℃)		1710.148	1711.252	1710-1755	PASS
	Extreme (30℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (20℃)		1710.150	1711.250	1710-1755	PASS
	Extreme (10℃)		1710.148	1711.252	1710-1755	PASS
	Extreme (0℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (-10℃)		1710.146	1711.254	1710-1755	PASS
	Extreme (-20℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (-30℃)		1710.148	1711.252	1710-1755	PASS
	25℃	LV	1710.149	1711.251	1710-1755	PASS

		HV	1710.150	1711.250	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.146	1712.854	1710-1755	PASS
	Extreme (40°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (30°C)		1710.145	1712.855	1710-1755	PASS
	Extreme (20°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (10°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (0°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-10°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (-20°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-30°C)		1710.146	1712.854	1710-1755	PASS
	25°C	LV	1710.145	1712.855	1710-1755	PASS
		HV	1710.147	1712.853	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.224	1714.776	1710-1755	PASS
	Extreme (40°C)		1710.240	1714.760	1710-1755	PASS
	Extreme (30°C)		1710.264	1714.736	1710-1755	PASS
	Extreme (20°C)		1710.269	1714.731	1710-1755	PASS
	Extreme (10°C)		1710.295	1714.705	1710-1755	PASS
	Extreme (0°C)		1710.264	1714.736	1710-1755	PASS
	Extreme (-10°C)		1710.220	1714.780	1710-1755	PASS
	Extreme (-20°C)		1710.204	1714.796	1710-1755	PASS
	Extreme (-30°C)		1710.232	1714.768	1710-1755	PASS
	25°C	LV	1710.296	1714.704	1710-1755	PASS
		HV	1710.238	1714.762	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.589	1719.411	1710-1755	PASS
	Extreme (40°C)		1710.592	1719.408	1710-1755	PASS
	Extreme (30°C)		1710.616	1719.384	1710-1755	PASS

	Extreme (20℃)		1710.530	1719.470	1710-1755	PASS
	Extreme (10℃)		1710.510	1719.490	1710-1755	PASS
	Extreme (0℃)		1710.514	1719.486	1710-1755	PASS
	Extreme (-10℃)		1710.581	1719.419	1710-1755	PASS
	Extreme (-20℃)		1710.646	1719.354	1710-1755	PASS
	Extreme (-30℃)		1710.621	1719.379	1710-1755	PASS
	25℃	LV	1710.504	1719.496	1710-1755	PASS
		HV	1710.541	1719.459	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.771	1724.229	1710-1755	PASS
	Extreme (40℃)		1710.725	1724.275	1710-1755	PASS
	Extreme (30℃)		1710.740	1724.260	1710-1755	PASS
	Extreme (20℃)		1710.773	1724.227	1710-1755	PASS
	Extreme (10℃)		1710.739	1724.261	1710-1755	PASS
	Extreme (0℃)		1710.775	1724.225	1710-1755	PASS
	Extreme (-10℃)		1710.726	1724.274	1710-1755	PASS
	Extreme (-20℃)		1710.767	1724.233	1710-1755	PASS
	Extreme (-30℃)		1710.739	1724.261	1710-1755	PASS
	25℃	LV	1710.794	1724.206	1710-1755	PASS
		HV	1710.717	1724.283	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.042	1728.958	1710-1755	PASS
	Extreme (40℃)		1711.047	1728.953	1710-1755	PASS
	Extreme (30℃)		1711.047	1728.953	1710-1755	PASS
	Extreme (20℃)		1711.006	1728.994	1710-1755	PASS
	Extreme (10℃)		1711.038	1728.962	1710-1755	PASS
	Extreme (0℃)		1711.026	1728.974	1710-1755	PASS
	Extreme (-10℃)		1711.002	1728.998	1710-1755	PASS
	Extreme (-20℃)		1711.028	1728.972	1710-1755	PASS
	Extreme (-30℃)		1711.024	1728.976	1710-1755	PASS
	25℃	LV	1711.010	1728.990	1710-1755	PASS
		HV	1711.033	1728.967	1710-1755	PASS
LTE B4	Condition		F Low	F High	Limit (MHz)	Verdict

Report Header			Report Footer			
Fc(MHz)			(MHz)	(MHz)		
1754.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1753.746	1754.854	1710-1755	PASS
	Extreme (40℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (30℃)		1753.746	1754.854	1710-1755	PASS
	Extreme (20℃)		1753.749	1754.851	1710-1755	PASS
	Extreme (10℃)		1753.745	1754.855	1710-1755	PASS
	Extreme (0℃)		1753.745	1754.855	1710-1755	PASS
	Extreme (-10℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (-20℃)		1753.746	1754.854	1710-1755	PASS
	Extreme (-30℃)		1753.750	1754.850	1710-1755	PASS
	25℃	LV	1753.747	1754.853	1710-1755	PASS
HV		1753.746	1754.854	1710-1755	PASS	
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1753.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1752.149	1754.851	1710-1755	PASS
	Extreme (40℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (30℃)		1752.150	1754.850	1710-1755	PASS
	Extreme (20℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (10℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (0℃)		1752.148	1754.852	1710-1755	PASS
	Extreme (-10℃)		1752.150	1754.850	1710-1755	PASS
	Extreme (-20℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (-30℃)		1752.150	1754.850	1710-1755	PASS
	25℃	LV	1752.150	1754.850	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				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1750.247	1754.753	1710-1755	PASS
	Extreme (40℃)		1750.206	1754.794	1710-1755	PASS
	Extreme (30℃)		1750.234	1754.766	1710-1755	PASS
	Extreme (20℃)		1750.243	1754.757	1710-1755	PASS
	Extreme (10℃)		1750.225	1754.775	1710-1755	PASS
	Extreme (0℃)		1750.297	1754.703	1710-1755	PASS

	Extreme (-10°C)		1750.205	1754.795	1710-1755	PASS
	Extreme (-20°C)		1750.269	1754.731	1710-1755	PASS
	Extreme (-30°C)		1750.209	1754.791	1710-1755	PASS
	25°C	LV	1750.242	1754.758	1710-1755	PASS
		HV	1750.237	1754.763	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1745.558	1754.442	1710-1755	PASS
	Extreme (40°C)		1745.532	1754.468	1710-1755	PASS
	Extreme (30°C)		1745.619	1754.381	1710-1755	PASS
	Extreme (20°C)		1745.527	1754.473	1710-1755	PASS
	Extreme (10°C)		1745.529	1754.471	1710-1755	PASS
	Extreme (0°C)		1745.515	1754.485	1710-1755	PASS
	Extreme (-10°C)		1745.568	1754.432	1710-1755	PASS
	Extreme (-20°C)		1745.617	1754.383	1710-1755	PASS
	Extreme (-30°C)		1745.583	1754.417	1710-1755	PASS
	25°C	LV	1745.596	1754.404	1710-1755	PASS
		HV	1745.572	1754.428	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1740.762	1754.238	1710-1755	PASS
	Extreme (40°C)		1740.755	1754.245	1710-1755	PASS
	Extreme (30°C)		1740.704	1754.296	1710-1755	PASS
	Extreme (20°C)		1740.723	1754.277	1710-1755	PASS
	Extreme (10°C)		1740.717	1754.283	1710-1755	PASS
	Extreme (0°C)		1740.788	1754.212	1710-1755	PASS
	Extreme (-10°C)		1740.734	1754.266	1710-1755	PASS
	Extreme (-20°C)		1740.739	1754.261	1710-1755	PASS
	Extreme (-30°C)		1740.775	1754.225	1710-1755	PASS
	25°C	LV	1740.759	1754.241	1710-1755	PASS
		HV	1740.734	1754.266	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	1735.904	1754.096	1710-1755	PASS
	Extreme (40°C)		1735.979	1754.021	1710-1755	PASS
	Extreme (30°C)		1735.931	1754.069	1710-1755	PASS
	Extreme (20°C)		1735.912	1754.088	1710-1755	PASS
	Extreme (10°C)		1735.900	1754.100	1710-1755	PASS
	Extreme (0°C)		1735.988	1754.012	1710-1755	PASS
	Extreme (-10°C)		1735.923	1754.077	1710-1755	PASS
	Extreme (-20°C)		1735.973	1754.027	1710-1755	PASS
	Extreme (-30°C)		1735.911	1754.089	1710-1755	PASS
	25°C	LV	1735.917	1754.083	1710-1755	PASS
		HV	1735.944	1754.056	1710-1755	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	PASS
	Extreme (50°C)	NV	16.56	0.01980	
	Extreme (40°C)		9.47	0.01133	
	Extreme (30°C)		17.00	0.02032	
	Extreme (20°C)		9.32	0.01114	
	Extreme (10°C)		6.80	0.00813	
	Extreme (0°C)		9.34	0.01117	
	Extreme (-10°C)		17.10	0.02044	
	Extreme (-20°C)		4.54	0.00543	
	Extreme (-30°C)		12.58	0.01503	
	25°C	LV	6.69	0.00800	PASS
		HV	3.14	0.00376	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	PASS
	Extreme (50°C)	NV	2.24	0.00268	
	Extreme (40°C)		2.22	0.00266	
	Extreme (30°C)		16.94	0.02025	
	Extreme (20°C)		4.68	0.00559	
	Extreme (10°C)		4.72	0.00564	
	Extreme (0°C)		14.17	0.01694	
	Extreme (-10°C)		16.32	0.01951	
	Extreme (-20°C)		3.54	0.00423	
	Extreme (-30°C)		5.44	0.00650	
	25°C	LV	5.59	0.00668	PASS

		HV	12.21	0.01460	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	3.10	0.00371	PASS
	Extreme (40°C)		10.94	0.01307	PASS
	Extreme (30°C)		7.72	0.00922	PASS
	Extreme (20°C)		1.24	0.00149	PASS
	Extreme (10°C)		9.31	0.01113	PASS
	Extreme (0°C)		9.69	0.01158	PASS
	Extreme (-10°C)		8.18	0.00978	PASS
	Extreme (-20°C)		16.50	0.01972	PASS
	Extreme (-30°C)		13.16	0.01573	PASS
	25°C	LV	2.37	0.00283	PASS
		HV	11.00	0.01315	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.66	0.00796	PASS
	Extreme (40°C)		8.18	0.00977	PASS
	Extreme (30°C)		4.14	0.00495	PASS
	Extreme (20°C)		17.54	0.02097	PASS
	Extreme (10°C)		4.08	0.00488	PASS
	Extreme (0°C)		15.09	0.01804	PASS
	Extreme (-10°C)		9.12	0.01090	PASS
	Extreme (-20°C)		1.95	0.00234	PASS
	Extreme (-30°C)		12.29	0.01469	PASS
	25°C	LV	10.51	0.01256	PASS
		HV	1.80	0.00216	PASS

LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz	2500.292	2504.708	2500-2570	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.234	2504.766	2500-2570	PASS
	Extreme (40°C)		2500.218	2504.782	2500-2570	PASS
	Extreme (30°C)		2500.289	2504.711	2500-2570	PASS
	Extreme (20°C)		2500.226	2504.774	2500-2570	PASS
	Extreme (10°C)					

	Extreme (0℃)		2500.216	2504.784	2500-2570	PASS
	Extreme (-10℃)		2500.243	2504.757	2500-2570	PASS
	Extreme (-20℃)		2500.244	2504.756	2500-2570	PASS
	Extreme (-30℃)		2500.247	2504.753	2500-2570	PASS
	25℃	LV	2500.254	2504.746	2500-2570	PASS
		HV	2500.219	2504.781	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2500.560	2509.440	2500-2570	PASS
	Extreme (40℃)		2500.557	2509.443	2500-2570	PASS
	Extreme (30℃)		2500.603	2509.397	2500-2570	PASS
	Extreme (20℃)		2500.500	2509.500	2500-2570	PASS
	Extreme (10℃)		2500.577	2509.423	2500-2570	PASS
	Extreme (0℃)		2500.570	2509.430	2500-2570	PASS
	Extreme (-10℃)		2500.567	2509.433	2500-2570	PASS
	Extreme (-20℃)		2500.566	2509.434	2500-2570	PASS
	Extreme (-30℃)		2500.612	2509.388	2500-2570	PASS
	25℃	LV	2500.615	2509.385	2500-2570	PASS
		HV	2500.509	2509.491	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2500.778	2514.222	2500-2570	PASS
	Extreme (40℃)		2500.755	2514.245	2500-2570	PASS
	Extreme (30℃)		2500.741	2514.259	2500-2570	PASS
	Extreme (20℃)		2500.770	2514.230	2500-2570	PASS
	Extreme (10℃)		2500.708	2514.292	2500-2570	PASS
	Extreme (0℃)		2500.776	2514.224	2500-2570	PASS
	Extreme (-10℃)		2500.799	2514.201	2500-2570	PASS
	Extreme (-20℃)		2500.711	2514.289	2500-2570	PASS
	Extreme (-30℃)		2500.705	2514.295	2500-2570	PASS
	25℃	LV	2500.773	2514.227	2500-2570	PASS
		HV	2500.709	2514.291	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2510	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2501.029	2518.971	2500-2570	PASS
	Extreme (40℃)		2501.045	2518.955	2500-2570	PASS
	Extreme (30℃)		2501.009	2518.991	2500-2570	PASS
	Extreme (20℃)		2501.006	2518.994	2500-2570	PASS
	Extreme (10℃)		2501.037	2518.963	2500-2570	PASS
	Extreme (0℃)		2501.020	2518.980	2500-2570	PASS
	Extreme (-10℃)		2501.010	2518.990	2500-2570	PASS
	Extreme (-20℃)		2501.011	2518.989	2500-2570	PASS
	Extreme (-30℃)		2501.044	2518.956	2500-2570	PASS
	25℃	LV	2501.036	2518.964	2500-2570	PASS
HV		2501.048	2518.952	2500-2570	PASS	
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2565.240	2569.760	2500-2570	PASS
	Extreme (40℃)		2565.276	2569.724	2500-2570	PASS
	Extreme (30℃)		2565.209	2569.791	2500-2570	PASS
	Extreme (20℃)		2565.275	2569.725	2500-2570	PASS
	Extreme (10℃)		2565.242	2569.758	2500-2570	PASS
	Extreme (0℃)		2565.219	2569.781	2500-2570	PASS
	Extreme (-10℃)		2565.233	2569.767	2500-2570	PASS
	Extreme (-20℃)		2565.222	2569.778	2500-2570	PASS
	Extreme (-30℃)		2565.255	2569.745	2500-2570	PASS
	25℃	LV	2565.213	2569.787	2500-2570	PASS
HV		2565.239	2569.761	2500-2570	PASS	
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2560.561	2569.439	2500-2570	PASS
	Extreme (40℃)		2560.577	2569.423	2500-2570	PASS
	Extreme (30℃)		2560.595	2569.405	2500-2570	PASS
	Extreme (20℃)		2560.613	2569.387	2500-2570	PASS
	Extreme (10℃)		2560.530	2569.470	2500-2570	PASS
	Extreme (0℃)		2560.618	2569.382	2500-2570	PASS
	Extreme (-10℃)		2560.554	2569.446	2500-2570	PASS

	Extreme (-20°C)		2560.612	2569.388	2500-2570	PASS
	Extreme (-30°C)		2560.607	2569.393	2500-2570	PASS
	25°C	LV	2560.610	2569.390	2500-2570	PASS
		HV	2560.612	2569.388	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2562.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2555.793	2569.207	2500-2570	PASS
	Extreme (40°C)		2555.709	2569.291	2500-2570	PASS
	Extreme (30°C)		2555.746	2569.254	2500-2570	PASS
	Extreme (20°C)		2555.773	2569.227	2500-2570	PASS
	Extreme (10°C)		2555.706	2569.294	2500-2570	PASS
	Extreme (0°C)		2555.717	2569.283	2500-2570	PASS
	Extreme (-10°C)		2555.789	2569.211	2500-2570	PASS
	Extreme (-20°C)		2555.767	2569.233	2500-2570	PASS
	Extreme (-30°C)		2555.739	2569.261	2500-2570	PASS
	25°C	LV	2555.791	2569.209	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2550.973	2569.027	2500-2570	PASS
	Extreme (40°C)		2550.921	2569.079	2500-2570	PASS
	Extreme (30°C)		2550.942	2569.058	2500-2570	PASS
	Extreme (20°C)		2550.949	2569.051	2500-2570	PASS
	Extreme (10°C)		2550.981	2569.019	2500-2570	PASS
	Extreme (0°C)		2550.918	2569.082	2500-2570	PASS
	Extreme (-10°C)		2550.940	2569.060	2500-2570	PASS
	Extreme (-20°C)		2550.919	2569.081	2500-2570	PASS
	Extreme (-30°C)		2550.911	2569.089	2500-2570	PASS
	25°C	LV	2550.911	2569.089	2500-2570	PASS
		HV	2550.956	2569.044	2500-2570	PASS

LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz				

Report No. 123456789	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	699.149	700.251	699-716	PASS
	Extreme (40°C)		699.147	700.253	699-716	PASS
	Extreme (30°C)		699.149	700.251	699-716	PASS
	Extreme (20°C)		699.150	700.250	699-716	PASS
	Extreme (10°C)		699.146	700.254	699-716	PASS
	Extreme (0°C)		699.149	700.251	699-716	PASS
	Extreme (-10°C)		699.149	700.251	699-716	PASS
	Extreme (-20°C)		699.147	700.253	699-716	PASS
	Extreme (-30°C)		699.150	700.250	699-716	PASS
	25°C	LV	699.149	700.251	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°C)	NV	699.146	701.854	699-716	PASS
	Extreme (40°C)		699.145	701.855	699-716	PASS
	Extreme (30°C)		699.146	701.854	699-716	PASS
	Extreme (20°C)		699.147	701.853	699-716	PASS
	Extreme (10°C)		699.146	701.854	699-716	PASS
	Extreme (0°C)		699.148	701.852	699-716	PASS
	Extreme (-10°C)		699.148	701.852	699-716	PASS
	Extreme (-20°C)		699.148	701.852	699-716	PASS
	Extreme (-30°C)		699.147	701.853	699-716	PASS
	25°C	LV	699.145	701.855	699-716	PASS
		HV	699.148	701.852	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°C)	NV	699.212	703.788	699-716	PASS
	Extreme (40°C)		699.258	703.742	699-716	PASS
	Extreme (30°C)		699.251	703.749	699-716	PASS
	Extreme (20°C)		699.235	703.765	699-716	PASS
	Extreme (10°C)		699.288	703.712	699-716	PASS
	Extreme (0°C)		699.245	703.755	699-716	PASS
	Extreme (-10°C)		699.213	703.787	699-716	PASS

	Extreme (-20°C)		699.248	703.752	699-716	PASS
	Extreme (-30°C)		699.256	703.744	699-716	PASS
	25°C	LV	699.233	703.767	699-716	PASS
		HV	699.292	703.708	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.500	708.500	699-716	PASS
	Extreme (40°C)		699.592	708.408	699-716	PASS
	Extreme (30°C)		699.514	708.486	699-716	PASS
	Extreme (20°C)		699.630	708.370	699-716	PASS
	Extreme (10°C)		699.592	708.408	699-716	PASS
	Extreme (0°C)		699.600	708.400	699-716	PASS
	Extreme (-10°C)		699.579	708.421	699-716	PASS
	Extreme (-20°C)		699.575	708.425	699-716	PASS
	Extreme (-30°C)		699.627	708.373	699-716	PASS
	25°C	LV	699.514	708.486	699-716	PASS
		HV	699.647	708.353	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	714.745	715.855	699-716	PASS
	Extreme (40°C)		714.746	715.854	699-716	PASS
	Extreme (30°C)		714.749	715.851	699-716	PASS
	Extreme (20°C)		714.749	715.851	699-716	PASS
	Extreme (10°C)		714.749	715.851	699-716	PASS
	Extreme (0°C)		714.747	715.853	699-716	PASS
	Extreme (-10°C)		714.748	715.852	699-716	PASS
	Extreme (-20°C)		714.749	715.851	699-716	PASS
	Extreme (-30°C)		714.748	715.852	699-716	PASS
	25°C	LV	714.748	715.852	699-716	PASS
		HV	714.748	715.852	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	713.147	715.853	699-716	PASS
	Extreme (40℃)			713.145	715.855	699-716	PASS
	Extreme (30℃)			713.148	715.852	699-716	PASS
	Extreme (20℃)			713.149	715.851	699-716	PASS
	Extreme (10℃)			713.145	715.855	699-716	PASS
	Extreme (0℃)			713.148	715.852	699-716	PASS
	Extreme (-10℃)			713.146	715.854	699-716	PASS
	Extreme (-20℃)			713.147	715.853	699-716	PASS
	Extreme (-30℃)			713.150	715.850	699-716	PASS
	25℃		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				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	711.243	715.757	699-716	PASS
	Extreme (40℃)			711.271	715.729	699-716	PASS
	Extreme (30℃)			711.268	715.732	699-716	PASS
	Extreme (20℃)			711.245	715.755	699-716	PASS
	Extreme (10℃)			711.269	715.731	699-716	PASS
	Extreme (0℃)			711.258	715.742	699-716	PASS
	Extreme (-10℃)			711.201	715.799	699-716	PASS
	Extreme (-20℃)			711.283	715.717	699-716	PASS
	Extreme (-30℃)			711.207	715.793	699-716	PASS
	25℃		LV	711.235	715.765	699-716	PASS
HV			711.255	715.745	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	706.585	715.415	699-716	PASS
	Extreme (40℃)			706.570	715.430	699-716	PASS
	Extreme (30℃)			706.570	715.430	699-716	PASS
	Extreme (20℃)			706.541	715.459	699-716	PASS
	Extreme (10℃)			706.589	715.411	699-716	PASS

	Extreme (0°C)		706.639	715.361	699-716	PASS
	Extreme (-10°C)		706.552	715.448	699-716	PASS
	Extreme (-20°C)		706.522	715.478	699-716	PASS
	Extreme (-30°C)		706.604	715.396	699-716	PASS
	25°C	LV	706.569	715.431	699-716	PASS
		HV	706.648	715.352	699-716	PASS

LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	777.297	781.703	777-787	PASS
	Extreme (40°C)		777.288	781.712	777-787	PASS
	Extreme (30°C)		777.226	781.774	777-787	PASS
	Extreme (20°C)		777.203	781.797	777-787	PASS
	Extreme (10°C)		777.218	781.782	777-787	PASS
	Extreme (0°C)		777.274	781.726	777-787	PASS
	Extreme (-10°C)		777.295	781.705	777-787	PASS
	Extreme (-20°C)		777.287	781.713	777-787	PASS
	Extreme (-30°C)		777.289	781.711	777-787	PASS
	25°C	LV	777.221	781.779	777-787	PASS
		HV	777.262	781.738	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
782	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	777.649	786.351	777-787	PASS
	Extreme (40°C)		777.620	786.380	777-787	PASS
	Extreme (30°C)		777.534	786.466	777-787	PASS
	Extreme (20°C)		777.614	786.386	777-787	PASS
	Extreme (10°C)		777.632	786.368	777-787	PASS
	Extreme (0°C)		777.593	786.407	777-787	PASS
	Extreme (-10°C)		777.548	786.452	777-787	PASS
	Extreme (-20°C)		777.526	786.474	777-787	PASS
	Extreme (-30°C)		777.615	786.385	777-787	PASS
	25°C	LV	777.547	786.453	777-787	PASS
		HV	777.585	786.415	777-787	PASS
LTE	Condition		F Low	F High	Limit (MHz)	Verdict

B13 Fc(MHz)			(MHz)	(MHz)		
784.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	782.271	786.729	777-787	PASS
	Extreme (40°C)		782.247	786.753	777-787	PASS
	Extreme (30°C)		782.238	786.762	777-787	PASS
	Extreme (20°C)		782.235	786.765	777-787	PASS
	Extreme (10°C)		782.235	786.765	777-787	PASS
	Extreme (0°C)		782.291	786.709	777-787	PASS
	Extreme (-10°C)		782.298	786.702	777-787	PASS
	Extreme (-20°C)		782.290	786.710	777-787	PASS
	Extreme (-30°C)		782.240	786.760	777-787	PASS
	25°C	LV	782.239	786.761	777-787	PASS
		HV	782.240	786.760	777-787	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°C)	NV	1850.149	1851.251	1850-1915	PASS
	Extreme (40°C)		1850.148	1851.252	1850-1915	PASS
	Extreme (30°C)		1850.146	1851.254	1850-1915	PASS
	Extreme (20°C)		1850.146	1851.254	1850-1915	PASS
	Extreme (10°C)		1850.150	1851.250	1850-1915	PASS
	Extreme (0°C)		1850.148	1851.252	1850-1915	PASS
	Extreme (-10°C)		1850.148	1851.252	1850-1915	PASS
	Extreme (-20°C)		1850.148	1851.252	1850-1915	PASS
	Extreme (-30°C)		1850.148	1851.252	1850-1915	PASS
	25°C	LV	1850.145	1851.255	1850-1915	PASS
		HV	1850.149	1851.251	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1850.147	1852.853	1850-1915	PASS
	Extreme (40°C)		1850.150	1852.850	1850-1915	PASS
	Extreme (30°C)		1850.149	1852.851	1850-1915	PASS

	Extreme (20°C)		1850.149	1852.851	1850-1915	PASS
	Extreme (10°C)		1850.146	1852.854	1850-1915	PASS
	Extreme (0°C)		1850.148	1852.852	1850-1915	PASS
	Extreme (-10°C)		1850.147	1852.853	1850-1915	PASS
	Extreme (-20°C)		1850.149	1852.851	1850-1915	PASS
	Extreme (-30°C)		1850.148	1852.852	1850-1915	PASS
	25°C	LV	1850.149	1852.851	1850-1915	PASS
		HV	1850.145	1852.855	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.208	1854.792	1850-1915	PASS
	Extreme (40°C)		1850.269	1854.731	1850-1915	PASS
	Extreme (30°C)		1850.207	1854.793	1850-1915	PASS
	Extreme (20°C)		1850.271	1854.729	1850-1915	PASS
	Extreme (10°C)		1850.275	1854.725	1850-1915	PASS
	Extreme (0°C)		1850.201	1854.799	1850-1915	PASS
	Extreme (-10°C)		1850.218	1854.782	1850-1915	PASS
	Extreme (-20°C)		1850.261	1854.739	1850-1915	PASS
	Extreme (-30°C)		1850.267	1854.733	1850-1915	PASS
	25°C	LV	1850.204	1854.796	1850-1915	PASS
		HV	1850.294	1854.706	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.610	1859.390	1850-1915	PASS
	Extreme (40°C)		1850.577	1859.423	1850-1915	PASS
	Extreme (30°C)		1850.587	1859.413	1850-1915	PASS
	Extreme (20°C)		1850.590	1859.410	1850-1915	PASS
	Extreme (10°C)		1850.614	1859.386	1850-1915	PASS
	Extreme (0°C)		1850.634	1859.366	1850-1915	PASS
	Extreme (-10°C)		1850.585	1859.415	1850-1915	PASS
	Extreme (-20°C)		1850.532	1859.468	1850-1915	PASS
	Extreme (-30°C)		1850.633	1859.367	1850-1915	PASS
	25°C	LV	1850.562	1859.438	1850-1915	PASS
		HV	1850.528	1859.472	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℃)	NV	1850.771	1864.229	1850-1915	PASS
	Extreme (40℃)		1850.709	1864.291	1850-1915	PASS
	Extreme (30℃)		1850.715	1864.285	1850-1915	PASS
	Extreme (20℃)		1850.704	1864.296	1850-1915	PASS
	Extreme (10℃)		1850.785	1864.215	1850-1915	PASS
	Extreme (0℃)		1850.715	1864.285	1850-1915	PASS
	Extreme (-10℃)		1850.761	1864.239	1850-1915	PASS
	Extreme (-20℃)		1850.768	1864.232	1850-1915	PASS
	Extreme (-30℃)		1850.791	1864.209	1850-1915	PASS
	25℃	LV	1850.716	1864.284	1850-1915	PASS
		HV	1850.719	1864.281	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℃)	NV	1851.025	1868.975	1850-1915	PASS
	Extreme (40℃)		1851.005	1868.995	1850-1915	PASS
	Extreme (30℃)		1851.038	1868.962	1850-1915	PASS
	Extreme (20℃)		1851.014	1868.986	1850-1915	PASS
	Extreme (10℃)		1851.021	1868.979	1850-1915	PASS
	Extreme (0℃)		1851.033	1868.967	1850-1915	PASS
	Extreme (-10℃)		1851.033	1868.967	1850-1915	PASS
	Extreme (-20℃)		1851.026	1868.974	1850-1915	PASS
	Extreme (-30℃)		1851.008	1868.992	1850-1915	PASS
	25℃	LV	1851.031	1868.969	1850-1915	PASS
		HV	1851.037	1868.963	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1914.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1913.749	1914.851	1850-1915	PASS

	Extreme (40°C)		1913.747	1914.853	1850-1915	PASS
	Extreme (30°C)		1913.748	1914.852	1850-1915	PASS
	Extreme (20°C)		1913.747	1914.853	1850-1915	PASS
	Extreme (10°C)		1913.746	1914.854	1850-1915	PASS
	Extreme (0°C)		1913.747	1914.853	1850-1915	PASS
	Extreme (-10°C)		1913.750	1914.850	1850-1915	PASS
	Extreme (-20°C)		1913.750	1914.850	1850-1915	PASS
	Extreme (-30°C)		1913.748	1914.852	1850-1915	PASS
	25°C	LV	1913.745	1914.855	1850-1915	PASS
		HV	1913.746	1914.854	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1913.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1912.147	1914.853	1850-1915	PASS
	Extreme (40°C)		1912.148	1914.852	1850-1915	PASS
	Extreme (30°C)		1912.145	1914.855	1850-1915	PASS
	Extreme (20°C)		1912.149	1914.851	1850-1915	PASS
	Extreme (10°C)		1912.146	1914.854	1850-1915	PASS
	Extreme (0°C)		1912.149	1914.851	1850-1915	PASS
	Extreme (-10°C)		1912.148	1914.852	1850-1915	PASS
	Extreme (-20°C)		1912.149	1914.851	1850-1915	PASS
	Extreme (-30°C)		1912.146	1914.854	1850-1915	PASS
	25°C	LV	1912.146	1914.854	1850-1915	PASS
		HV	1912.149	1914.851	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1912.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1910.278	1914.722	1850-1915	PASS
	Extreme (40°C)		1910.223	1914.777	1850-1915	PASS
	Extreme (30°C)		1910.208	1914.792	1850-1915	PASS
	Extreme (20°C)		1910.202	1914.798	1850-1915	PASS
	Extreme (10°C)		1910.291	1914.709	1850-1915	PASS
	Extreme (0°C)		1910.208	1914.792	1850-1915	PASS
	Extreme (-10°C)		1910.228	1914.772	1850-1915	PASS
	Extreme (-20°C)		1910.218	1914.782	1850-1915	PASS
	Extreme (-30°C)		1910.219	1914.781	1850-1915	PASS

	25°C	LV	1910.235	1914.765	1850-1915	PASS
		HV	1910.269	1914.731	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1905.575	1914.425	1850-1915	PASS
	Extreme (40°C)		1905.571	1914.429	1850-1915	PASS
	Extreme (30°C)		1905.559	1914.441	1850-1915	PASS
	Extreme (20°C)		1905.605	1914.395	1850-1915	PASS
	Extreme (10°C)		1905.573	1914.427	1850-1915	PASS
	Extreme (0°C)		1905.586	1914.414	1850-1915	PASS
	Extreme (-10°C)		1905.635	1914.365	1850-1915	PASS
	Extreme (-20°C)		1905.616	1914.384	1850-1915	PASS
	Extreme (-30°C)		1905.600	1914.400	1850-1915	PASS
	25°C	LV	1905.608	1914.392	1850-1915	PASS
		HV	1905.572	1914.428	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1900.795	1914.205	1850-1915	PASS
	Extreme (40°C)		1900.798	1914.202	1850-1915	PASS
	Extreme (30°C)		1900.759	1914.241	1850-1915	PASS
	Extreme (20°C)		1900.769	1914.231	1850-1915	PASS
	Extreme (10°C)		1900.747	1914.253	1850-1915	PASS
	Extreme (0°C)		1900.746	1914.254	1850-1915	PASS
	Extreme (-10°C)		1900.771	1914.229	1850-1915	PASS
	Extreme (-20°C)		1900.757	1914.243	1850-1915	PASS
	Extreme (-30°C)		1900.752	1914.248	1850-1915	PASS
	25°C	LV	1900.744	1914.256	1850-1915	PASS
		HV	1900.724	1914.276	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	1895.901	1914.099	1850-1915	PASS
Extreme (40°C)		1895.992	1914.008	1850-1915	PASS
Extreme (30°C)		1895.973	1914.027	1850-1915	PASS
Extreme (20°C)		1895.970	1914.030	1850-1915	PASS
Extreme (10°C)		1895.968	1914.032	1850-1915	PASS
Extreme (0°C)		1895.940	1914.060	1850-1915	PASS
Extreme (-10°C)		1895.903	1914.097	1850-1915	PASS
Extreme (-20°C)		1895.950	1914.050	1850-1915	PASS
Extreme (-30°C)		1895.978	1914.022	1850-1915	PASS
25°C	LV	1895.941	1914.059	1850-1915	PASS
	HV	1895.929	1914.071	1850-1915	PASS

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
BAND26 (814-824)	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.72	0.01431	PASS
	Extreme (40°C)		4.02	0.00491	PASS
	Extreme (30°C)		10.29	0.01257	PASS
	Extreme (20°C)		8.00	0.00977	PASS
	Extreme (10°C)		17.10	0.02088	PASS
	Extreme (0°C)		16.59	0.02025	PASS
	Extreme (-10°C)		4.32	0.00528	PASS
	Extreme (-20°C)		6.60	0.00806	PASS
	Extreme (-30°C)		4.54	0.00554	PASS
	25°C	LV	3.31	0.00405	PASS
		HV	15.83	0.01933	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.49	0.00915	PASS
	Extreme (40°C)		3.59	0.00438	PASS
	Extreme (30°C)		1.16	0.00142	PASS
	Extreme (20°C)		12.87	0.01571	PASS
	Extreme (10°C)		10.86	0.01327	PASS
	Extreme (0°C)		1.22	0.00149	PASS
	Extreme (-10°C)		11.94	0.01458	PASS
	Extreme (-20°C)		11.45	0.01398	PASS
	Extreme (-30°C)		12.69	0.01549	PASS
	25°C	LV	8.43	0.01029	PASS

		HV	12.16	0.01485	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.89	0.00231	PASS
	Extreme (40°C)		14.68	0.01792	PASS
	Extreme (30°C)		2.06	0.00252	PASS
	Extreme (20°C)		17.16	0.02095	PASS
	Extreme (10°C)		11.23	0.01372	PASS
	Extreme (0°C)		4.16	0.00508	PASS
	Extreme (-10°C)		7.13	0.00871	PASS
	Extreme (-20°C)		2.35	0.00287	PASS
	Extreme (-30°C)		1.76	0.00215	PASS
	25°C	LV	3.35	0.00409	PASS
		HV	4.94	0.00604	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	2.73	0.00333	PASS
	Extreme (40°C)		17.28	0.02110	PASS
	Extreme (30°C)		6.21	0.00758	PASS
	Extreme (20°C)		13.55	0.01654	PASS
	Extreme (10°C)		10.57	0.01291	PASS
	Extreme (0°C)		4.97	0.00607	PASS
	Extreme (-10°C)		7.86	0.00960	PASS
	Extreme (-20°C)		14.78	0.01804	PASS
	Extreme (-30°C)		2.39	0.00292	PASS
	25°C	LV	12.44	0.01519	PASS
		HV	15.28	0.01866	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	10.99	0.01313	PASS
	Extreme (40°C)		17.84	0.02132	PASS
	Extreme (30°C)		15.02	0.01796	PASS
	Extreme (20°C)		7.67	0.00917	PASS

	Extreme (10°C)		5.32	0.00636	PASS
	Extreme (0°C)		2.04	0.00243	PASS
	Extreme (-10°C)		6.02	0.00719	PASS
	Extreme (-20°C)		16.54	0.01977	PASS
	Extreme (-30°C)		15.84	0.01893	PASS
	25°C	LV	13.93	0.01665	PASS
		HV	1.61	0.00192	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.33	0.00877	PASS
	Extreme (40°C)		14.49	0.01732	PASS
	Extreme (30°C)		12.68	0.01516	PASS
	Extreme (20°C)		10.34	0.01236	PASS
	Extreme (10°C)		9.08	0.01085	PASS
	Extreme (0°C)		5.97	0.00714	PASS
	Extreme (-10°C)		3.39	0.00406	PASS
	Extreme (-20°C)		17.73	0.02120	PASS
	Extreme (-30°C)		6.94	0.00830	PASS
	25°C	LV	14.69	0.01756	PASS
		HV	9.27	0.01109	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.38	0.02078	PASS
	Extreme (40°C)		17.32	0.02071	PASS
	Extreme (30°C)		9.14	0.01092	PASS
	Extreme (20°C)		14.13	0.01689	PASS
	Extreme (10°C)		17.72	0.02118	PASS
	Extreme (0°C)		13.10	0.01566	PASS
	Extreme (-10°C)		2.59	0.00309	PASS
	Extreme (-20°C)		6.48	0.00774	PASS
	Extreme (-30°C)		4.02	0.00481	PASS
	25°C	LV	6.33	0.00757	PASS
		HV	16.32	0.01951	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme (50°C)	NV	11.02	0.01318	PASS
	Extreme (40°C)		7.62	0.00911	PASS
	Extreme (30°C)		8.91	0.01065	PASS
	Extreme (20°C)		9.52	0.01138	PASS
	Extreme (10°C)		8.34	0.00996	PASS
	Extreme (0°C)		16.37	0.01957	PASS
	Extreme (-10°C)		2.16	0.00258	PASS
	Extreme (-20°C)		7.95	0.00950	PASS
	Extreme (-30°C)		10.65	0.01274	PASS
	25°C	LV	3.75	0.00449	PASS
		HV	14.78	0.01767	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.48	0.00895	PASS
	Extreme (40°C)		5.76	0.00688	PASS
	Extreme (30°C)		16.64	0.01989	PASS
	Extreme (20°C)		10.46	0.01251	PASS
	Extreme (10°C)		11.81	0.01412	PASS
	Extreme (0°C)		1.41	0.00169	PASS
	Extreme (-10°C)		6.80	0.00813	PASS
	Extreme (-20°C)		16.03	0.01917	PASS
	Extreme (-30°C)		12.96	0.01550	PASS
	25°C	LV	12.90	0.01542	PASS
		HV	4.56	0.00545	PASS