

Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50°C)	NV	1.55	0.00185	PASS
	Extreme (40°C)		11.79	0.01409	PASS
	Extreme (30°C)		12.98	0.01552	PASS
	Extreme (20°C)		12.69	0.01517	PASS
	Extreme (10°C)		8.02	0.00959	PASS
	Extreme (0°C)		15.99	0.01911	PASS
	Extreme (-10°C)		17.99	0.02150	PASS
	Extreme (-20°C)		14.84	0.01774	PASS
	Extreme (-30°C)		7.23	0.00864	PASS
	25°C	LV	12.54	0.01499	PASS
		HV	2.35	0.00281	PASS

WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.319	1854.481	1850-1910	PASS
	Extreme (40°C)		1850.326	1854.474	1850-1910	PASS
	Extreme (30°C)		1850.325	1854.475	1850-1910	PASS
	Extreme (20°C)		1850.315	1854.485	1850-1910	PASS
	Extreme (10°C)		1850.316	1854.484	1850-1910	PASS
	Extreme (0°C)		1850.316	1854.484	1850-1910	PASS
	Extreme (-10°C)		1850.328	1854.472	1850-1910	PASS
	Extreme (-20°C)		1850.319	1854.481	1850-1910	PASS
	Extreme (-30°C)		1850.328	1854.472	1850-1910	PASS
	25°C	LV	1850.330	1854.470	1850-1910	PASS
		HV	1850.326	1854.474	1850-1910	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	BANDWIDTH	5MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.519	1909.681	1850-1910	PASS
	Extreme (40°C)		1905.516	1909.684	1850-1910	PASS
	Extreme (30°C)		1905.528	1909.672	1850-1910	PASS
	Extreme (20°C)		1905.520	1909.680	1850-1910	PASS

	Extreme (10°C)		1905.521	1909.679	1850-1910	PASS
	Extreme (0°C)		1905.529	1909.671	1850-1910	PASS
	Extreme (-10°C)		1905.524	1909.676	1850-1910	PASS
	Extreme (-20°C)		1905.529	1909.671	1850-1910	PASS
	Extreme (-30°C)		1905.526	1909.674	1850-1910	PASS
	25°C	LV	1905.515	1909.685	1850-1910	PASS
		HV	1905.526	1909.674	1850-1910	PASS

WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	BANDWIDTH	5MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.324	1714.476	1710-1755	PASS
	Extreme (40°C)		1710.329	1714.471	1710-1755	PASS
	Extreme (30°C)		1710.315	1714.485	1710-1755	PASS
	Extreme (20°C)		1710.319	1714.481	1710-1755	PASS
	Extreme (10°C)		1710.321	1714.479	1710-1755	PASS
	Extreme (0°C)		1710.330	1714.470	1710-1755	PASS
	Extreme (-10°C)		1710.317	1714.483	1710-1755	PASS
	Extreme (-20°C)		1710.322	1714.478	1710-1755	PASS
	Extreme (-30°C)		1710.329	1714.471	1710-1755	PASS
	25°C	LV	1710.330	1714.470	1710-1755	PASS
		HV	1710.316	1714.484	1710-1755	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.518	1754.682	1710-1755	PASS
	Extreme (40°C)		1750.524	1754.676	1710-1755	PASS
	Extreme (30°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (20°C)		1750.519	1754.681	1710-1755	PASS
	Extreme (10°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (0°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (-10°C)		1750.528	1754.672	1710-1755	PASS
	Extreme (-20°C)		1750.515	1754.685	1710-1755	PASS
	Extreme (-30°C)		1750.522	1754.678	1710-1755	PASS
	25°C	LV	1750.525	1754.675	1710-1755	PASS
		HV	1750.530	1754.670	1710-1755	PASS

WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.00	0.00717	PASS
	Extreme (40°C)		13.94	0.01666	PASS
	Extreme (30°C)		13.01	0.01555	PASS
	Extreme (20°C)		10.71	0.01280	PASS
	Extreme (10°C)		3.93	0.00470	PASS
	Extreme (0°C)		2.92	0.00349	PASS
	Extreme (-10°C)		3.17	0.00378	PASS
	Extreme (-20°C)		5.97	0.00714	PASS
	Extreme (-30°C)		3.14	0.00376	PASS
	25°C	LV	16.82	0.02011	PASS
		HV	2.31	0.00276	PASS

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	1850.149	1851.251	1850-1910	PASS
	Extreme (40℃)		1850.147	1851.253	1850-1910	PASS
	Extreme (30℃)		1850.146	1851.254	1850-1910	PASS
	Extreme (20℃)		1850.146	1851.254	1850-1910	PASS
	Extreme (10℃)		1850.147	1851.253	1850-1910	PASS
	Extreme (0℃)		1850.148	1851.252	1850-1910	PASS
	Extreme (-10℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (-20℃)		1850.146	1851.254	1850-1910	PASS
	Extreme (-30℃)		1850.149	1851.251	1850-1910	PASS
	25℃	LV	1850.149	1851.251	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℃)		1850.146	1852.854	1850-1910	PASS
	Extreme (30℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (20℃)		1850.147	1852.853	1850-1910	PASS
	Extreme (10℃)		1850.149	1852.851	1850-1910	PASS

	Extreme (0°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (-10°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (-20°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (-30°C)		1850.150	1852.850	1850-1910	PASS
	25°C	LV	1850.145	1852.855	1850-1910	PASS
		HV	1850.149	1852.851	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.296	1854.704	1850-1910	PASS
	Extreme (40°C)		1850.292	1854.708	1850-1910	PASS
	Extreme (30°C)		1850.263	1854.737	1850-1910	PASS
	Extreme (20°C)		1850.235	1854.765	1850-1910	PASS
	Extreme (10°C)		1850.240	1854.760	1850-1910	PASS
	Extreme (0°C)		1850.216	1854.784	1850-1910	PASS
	Extreme (-10°C)		1850.293	1854.707	1850-1910	PASS
	Extreme (-20°C)		1850.276	1854.724	1850-1910	PASS
	Extreme (-30°C)		1850.263	1854.737	1850-1910	PASS
	25°C	LV	1850.211	1854.789	1850-1910	PASS
		HV	1850.251	1854.749	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.514	1859.486	1850-1910	PASS
	Extreme (40°C)		1850.576	1859.424	1850-1910	PASS
	Extreme (30°C)		1850.543	1859.457	1850-1910	PASS
	Extreme (20°C)		1850.508	1859.492	1850-1910	PASS
	Extreme (10°C)		1850.633	1859.367	1850-1910	PASS
	Extreme (0°C)		1850.639	1859.361	1850-1910	PASS
	Extreme (-10°C)		1850.508	1859.492	1850-1910	PASS
	Extreme (-20°C)		1850.642	1859.358	1850-1910	PASS
	Extreme (-30°C)		1850.578	1859.422	1850-1910	PASS
	25°C	LV	1850.641	1859.359	1850-1910	PASS
		HV	1850.511	1859.489	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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1857.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1850.767	1864.233	1850-1910	PASS
	Extreme (40°C)		1850.767	1864.233	1850-1910	PASS
	Extreme (30°C)		1850.736	1864.264	1850-1910	PASS
	Extreme (20°C)		1850.702	1864.298	1850-1910	PASS
	Extreme (10°C)		1850.776	1864.224	1850-1910	PASS
	Extreme (0°C)		1850.701	1864.299	1850-1910	PASS
	Extreme (-10°C)		1850.707	1864.293	1850-1910	PASS
	Extreme (-20°C)		1850.721	1864.279	1850-1910	PASS
	Extreme (-30°C)		1850.716	1864.284	1850-1910	PASS
	25°C	LV	1850.750	1864.250	1850-1910	PASS
		HV	1850.756	1864.244	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	1851.024	1868.976	1850-1910	PASS
	Extreme (40°C)		1851.009	1868.991	1850-1910	PASS
	Extreme (30°C)		1851.048	1868.952	1850-1910	PASS
	Extreme (20°C)		1851.016	1868.984	1850-1910	PASS
	Extreme (10°C)		1851.047	1868.953	1850-1910	PASS
	Extreme (0°C)		1851.006	1868.994	1850-1910	PASS
	Extreme (-10°C)		1851.005	1868.995	1850-1910	PASS
	Extreme (-20°C)		1851.009	1868.991	1850-1910	PASS
	Extreme (-30°C)		1851.013	1868.987	1850-1910	PASS
	25°C	LV	1851.036	1868.964	1850-1910	PASS
		HV	1851.010	1868.990	1850-1910	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1908.749	1909.851	1850-1910	PASS
	Extreme (40℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (30℃)		1908.750	1909.850	1850-1910	PASS
	Extreme (20℃)		1908.750	1909.850	1850-1910	PASS
	Extreme (10℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (0℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (-10℃)		1908.746	1909.854	1850-1910	PASS

	Extreme (-20°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (-30°C)		1908.747	1909.853	1850-1910	PASS
	25°C	LV	1908.745	1909.855	1850-1910	PASS
		HV	1908.747	1909.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1907.149	1909.851	1850-1910	PASS
	Extreme (40°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (30°C)		1907.150	1909.850	1850-1910	PASS
	Extreme (20°C)		1907.145	1909.855	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)		1907.150	1909.850	1850-1910	PASS
	25°C	LV	1907.145	1909.855	1850-1910	PASS
		HV	1907.150	1909.850	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1905.250	1909.750	1850-1910	PASS
	Extreme (40°C)		1905.288	1909.712	1850-1910	PASS
	Extreme (30°C)		1905.283	1909.717	1850-1910	PASS
	Extreme (20°C)		1905.204	1909.796	1850-1910	PASS
	Extreme (10°C)		1905.284	1909.716	1850-1910	PASS
	Extreme (0°C)		1905.252	1909.748	1850-1910	PASS
	Extreme (-10°C)		1905.289	1909.711	1850-1910	PASS
	Extreme (-20°C)		1905.271	1909.729	1850-1910	PASS
	Extreme (-30°C)		1905.232	1909.768	1850-1910	PASS
	25°C	LV	1905.287	1909.713	1850-1910	PASS
		HV	1905.221	1909.779	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	1900.576	1909.424	1850-1910	PASS
	Extreme (40°C)		1900.545	1909.455	1850-1910	PASS
	Extreme (30°C)		1900.638	1909.362	1850-1910	PASS
	Extreme (20°C)		1900.649	1909.351	1850-1910	PASS
	Extreme (10°C)		1900.566	1909.434	1850-1910	PASS
	Extreme (0°C)		1900.607	1909.393	1850-1910	PASS
	Extreme (-10°C)		1900.591	1909.409	1850-1910	PASS
	Extreme (-20°C)		1900.543	1909.457	1850-1910	PASS
	Extreme (-30°C)		1900.515	1909.485	1850-1910	PASS
	25°C	LV	1900.616	1909.384	1850-1910	PASS
		HV	1900.594	1909.406	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1895.754	1909.246	1850-1910	PASS
	Extreme (40°C)		1895.798	1909.202	1850-1910	PASS
	Extreme (30°C)		1895.707	1909.293	1850-1910	PASS
	Extreme (20°C)		1895.731	1909.269	1850-1910	PASS
	Extreme (10°C)		1895.728	1909.272	1850-1910	PASS
	Extreme (0°C)		1895.713	1909.287	1850-1910	PASS
	Extreme (-10°C)		1895.767	1909.233	1850-1910	PASS
	Extreme (-20°C)		1895.769	1909.231	1850-1910	PASS
	Extreme (-30°C)		1895.713	1909.287	1850-1910	PASS
	25°C	LV	1895.759	1909.241	1850-1910	PASS
		HV	1895.788	1909.212	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1890.952	1909.048	1850-1910	PASS
	Extreme (40°C)		1890.911	1909.089	1850-1910	PASS
	Extreme (30°C)		1890.939	1909.061	1850-1910	PASS
	Extreme (20°C)		1890.975	1909.025	1850-1910	PASS
	Extreme (10°C)		1890.980	1909.020	1850-1910	PASS
	Extreme (0°C)		1890.978	1909.022	1850-1910	PASS
	Extreme (-10°C)		1890.929	1909.071	1850-1910	PASS
	Extreme (-20°C)		1890.985	1909.015	1850-1910	PASS
	Extreme (-30°C)		1890.971	1909.029	1850-1910	PASS
	25°C	LV	1890.990	1909.010	1850-1910	PASS

		HV	1890.980	1909.020	1850-1910	PASS
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LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.145	1711.255	1710-1755	PASS
	Extreme (40°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (30°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (20°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (10°C)		1710.145	1711.255	1710-1755	PASS
	Extreme (0°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (-10°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (-20°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (-30°C)		1710.148	1711.252	1710-1755	PASS
	25°C	LV	1710.147	1711.253	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	QPSK	QPSK	1710-1755	PASS
	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)		1710.148	1712.852	1710-1755	PASS
	Extreme (20°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (10°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (0°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (-10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-20°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-30°C)		1710.150	1712.850	1710-1755	PASS
	25°C	LV	1710.149	1712.851	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	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.297	1714.703	1710-1755	PASS
	Extreme (40°C)		1710.201	1714.799	1710-1755	PASS
	Extreme (30°C)		1710.258	1714.742	1710-1755	PASS

	Extreme (20°C)		1710.291	1714.709	1710-1755	PASS
	Extreme (10°C)		1710.257	1714.743	1710-1755	PASS
	Extreme (0°C)		1710.232	1714.768	1710-1755	PASS
	Extreme (-10°C)		1710.209	1714.791	1710-1755	PASS
	Extreme (-20°C)		1710.240	1714.760	1710-1755	PASS
	Extreme (-30°C)		1710.227	1714.773	1710-1755	PASS
	25°C	LV	1710.257	1714.743	1710-1755	PASS
		HV	1710.200	1714.800	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	1710.532	1719.468	1710-1755	PASS
	Extreme (40°C)		1710.598	1719.402	1710-1755	PASS
	Extreme (30°C)		1710.513	1719.487	1710-1755	PASS
	Extreme (20°C)		1710.524	1719.476	1710-1755	PASS
	Extreme (10°C)		1710.614	1719.386	1710-1755	PASS
	Extreme (0°C)		1710.576	1719.424	1710-1755	PASS
	Extreme (-10°C)		1710.606	1719.394	1710-1755	PASS
	Extreme (-20°C)		1710.593	1719.407	1710-1755	PASS
	Extreme (-30°C)		1710.538	1719.462	1710-1755	PASS
	25°C	LV	1710.596	1719.404	1710-1755	PASS
		HV	1710.649	1719.351	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	1710.739	1724.261	1710-1755	PASS
	Extreme (40°C)		1710.781	1724.219	1710-1755	PASS
	Extreme (30°C)		1710.772	1724.228	1710-1755	PASS
	Extreme (20°C)		1710.742	1724.258	1710-1755	PASS
	Extreme (10°C)		1710.761	1724.239	1710-1755	PASS
	Extreme (0°C)		1710.789	1724.211	1710-1755	PASS
	Extreme (-10°C)		1710.715	1724.285	1710-1755	PASS
	Extreme (-20°C)		1710.724	1724.276	1710-1755	PASS
	Extreme (-30°C)		1710.737	1724.263	1710-1755	PASS
	25°C	LV	1710.776	1724.224	1710-1755	PASS
		HV	1710.743	1724.257	1710-1755	PASS
LTE B4	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1711.034	1728.966	1710-1755	PASS
	Extreme (40°C)		1711.006	1728.994	1710-1755	PASS
	Extreme (30°C)		1711.047	1728.953	1710-1755	PASS
	Extreme (20°C)		1711.050	1728.950	1710-1755	PASS
	Extreme (10°C)		1711.044	1728.956	1710-1755	PASS
	Extreme (0°C)		1711.024	1728.976	1710-1755	PASS
	Extreme (-10°C)		1711.015	1728.985	1710-1755	PASS
	Extreme (-20°C)		1711.036	1728.964	1710-1755	PASS
	Extreme (-30°C)		1711.006	1728.994	1710-1755	PASS
	25°C	LV	1711.034	1728.966	1710-1755	PASS
		HV	1711.038	1728.962	1710-1755	PASS

LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1753.747	1754.853	1710-1755	PASS
	Extreme (40°C)		1753.747	1754.853	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)		1753.749	1754.851	1710-1755	PASS
	Extreme (-10°C)		1753.750	1754.850	1710-1755	PASS
	Extreme (-20°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (-30°C)		1753.748	1754.852	1710-1755	PASS
	25°C	LV	1753.747	1754.853	1710-1755	PASS
		HV	1753.747	1754.853	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1753.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1752.146	1754.854	1710-1755	PASS
	Extreme (40°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (30°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (20°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (10°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (0°C)		1752.147	1754.853	1710-1755	PASS

	Extreme (-10°C)		1752.148	1754.852	1710-1755	PASS
	Extreme (-20°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (-30°C)		1752.145	1754.855	1710-1755	PASS
	25°C	LV	1752.146	1754.854	1710-1755	PASS
		HV	1752.146	1754.854	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.208	1754.792	1710-1755	PASS
	Extreme (40°C)		1750.240	1754.760	1710-1755	PASS
	Extreme (30°C)		1750.284	1754.716	1710-1755	PASS
	Extreme (20°C)		1750.277	1754.723	1710-1755	PASS
	Extreme (10°C)		1750.260	1754.740	1710-1755	PASS
	Extreme (0°C)		1750.258	1754.742	1710-1755	PASS
	Extreme (-10°C)		1750.256	1754.744	1710-1755	PASS
	Extreme (-20°C)		1750.247	1754.753	1710-1755	PASS
	Extreme (-30°C)		1750.215	1754.785	1710-1755	PASS
	25°C	LV	1750.219	1754.781	1710-1755	PASS
		HV	1750.246	1754.754	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	1745.521	1754.479	1710-1755	PASS
	Extreme (40°C)		1745.582	1754.418	1710-1755	PASS
	Extreme (30°C)		1745.553	1754.447	1710-1755	PASS
	Extreme (20°C)		1745.637	1754.363	1710-1755	PASS
	Extreme (10°C)		1745.556	1754.444	1710-1755	PASS
	Extreme (0°C)		1745.586	1754.414	1710-1755	PASS
	Extreme (-10°C)		1745.626	1754.374	1710-1755	PASS
	Extreme (-20°C)		1745.639	1754.361	1710-1755	PASS
	Extreme (-30°C)		1745.605	1754.395	1710-1755	PASS
	25°C	LV	1745.589	1754.411	1710-1755	PASS
		HV	1745.528	1754.472	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	1740.747	1754.253	1710-1755	PASS
	Extreme (40°C)		1740.705	1754.295	1710-1755	PASS
	Extreme (30°C)		1740.754	1754.246	1710-1755	PASS
	Extreme (20°C)		1740.740	1754.260	1710-1755	PASS
	Extreme (10°C)		1740.710	1754.290	1710-1755	PASS
	Extreme (0°C)		1740.743	1754.257	1710-1755	PASS
	Extreme (-10°C)		1740.712	1754.288	1710-1755	PASS
	Extreme (-20°C)		1740.712	1754.288	1710-1755	PASS
	Extreme (-30°C)		1740.799	1754.201	1710-1755	PASS
	25°C	LV	1740.713	1754.287	1710-1755	PASS
		HV	1740.732	1754.268	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	1735.958	1754.042	1710-1755	PASS
	Extreme (40°C)		1735.915	1754.085	1710-1755	PASS
	Extreme (30°C)		1735.948	1754.052	1710-1755	PASS
	Extreme (20°C)		1735.952	1754.048	1710-1755	PASS
	Extreme (10°C)		1735.991	1754.009	1710-1755	PASS
	Extreme (0°C)		1735.944	1754.056	1710-1755	PASS
	Extreme (-10°C)		1735.935	1754.065	1710-1755	PASS
	Extreme (-20°C)		1735.943	1754.057	1710-1755	PASS
	Extreme (-30°C)		1735.978	1754.022	1710-1755	PASS
	25°C	LV	1735.975	1754.025	1710-1755	PASS
HV		1735.947	1754.053	1710-1755	PASS	

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage			
	Extreme (50℃)	NV	5.61	0.00671	PASS
	Extreme (40℃)		11.76	0.01406	PASS
	Extreme (30℃)		13.17	0.01574	PASS
	Extreme (20℃)		6.65	0.00795	PASS
	Extreme (10℃)		11.35	0.01357	PASS
	Extreme (0℃)		5.56	0.00665	PASS
	Extreme (-10℃)		1.08	0.00129	PASS
	Extreme (-20℃)		6.59	0.00788	PASS
	Extreme (-30℃)		7.28	0.00870	PASS

	25°C	LV	1.07	0.00128	PASS
		HV	15.48	0.01850	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	3.68	0.00440	PASS
	Extreme (40°C)		13.27	0.01586	PASS
	Extreme (30°C)		6.58	0.00787	PASS
	Extreme (20°C)		3.10	0.00371	PASS
	Extreme (10°C)		12.86	0.01537	PASS
	Extreme (0°C)		10.27	0.01227	PASS
	Extreme (-10°C)		8.52	0.01018	PASS
	Extreme (-20°C)		7.36	0.00879	PASS
	Extreme (-30°C)		2.07	0.00247	PASS
	25°C	LV	9.96	0.01191	PASS
		HV	4.07	0.00487	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	16.89	0.02020	PASS
	Extreme (40°C)		7.36	0.00880	PASS
	Extreme (30°C)		17.35	0.02074	PASS
	Extreme (20°C)		7.69	0.00919	PASS
	Extreme (10°C)		16.25	0.01942	PASS
	Extreme (0°C)		6.91	0.00825	PASS
	Extreme (-10°C)		16.14	0.01930	PASS
	Extreme (-20°C)		7.14	0.00853	PASS
	Extreme (-30°C)		7.84	0.00937	PASS
	25°C	LV	7.27	0.00869	PASS
		HV	6.50	0.00777	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	14.51	0.01734	PASS
	Extreme (40°C)		8.86	0.01059	PASS
	Extreme (30°C)		2.17	0.00259	PASS
	Extreme (20°C)		1.54	0.00185	PASS
	Extreme (10°C)		4.61	0.00551	PASS

	Extreme (0°C)		12.40	0.01482	PASS
	Extreme (-10°C)		16.59	0.01983	PASS
	Extreme (-20°C)		15.80	0.01888	PASS
	Extreme (-30°C)		13.81	0.01651	PASS
	25°C	LV	8.86	0.01059	PASS
		HV	1.29	0.00154	PASS

LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.286	2504.714	2500-2570	PASS
	Extreme (40°C)		2500.297	2504.703	2500-2570	PASS
	Extreme (30°C)		2500.277	2504.723	2500-2570	PASS
	Extreme (20°C)		2500.213	2504.787	2500-2570	PASS
	Extreme (10°C)		2500.267	2504.733	2500-2570	PASS
	Extreme (0°C)		2500.282	2504.718	2500-2570	PASS
	Extreme (-10°C)		2500.281	2504.719	2500-2570	PASS
	Extreme (-20°C)		2500.236	2504.764	2500-2570	PASS
	Extreme (-30°C)		2500.270	2504.730	2500-2570	PASS
	25°C	LV	2500.235	2504.765	2500-2570	PASS
		HV	2500.244	2504.756	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	2500.625	2509.375	2500-2570	PASS
	Extreme (40°C)		2500.553	2509.447	2500-2570	PASS
	Extreme (30°C)		2500.570	2509.430	2500-2570	PASS
	Extreme (20°C)		2500.524	2509.476	2500-2570	PASS
	Extreme (10°C)		2500.624	2509.376	2500-2570	PASS
	Extreme (0°C)		2500.543	2509.457	2500-2570	PASS
	Extreme (-10°C)		2500.636	2509.364	2500-2570	PASS
	Extreme (-20°C)		2500.634	2509.366	2500-2570	PASS
	Extreme (-30°C)		2500.509	2509.491	2500-2570	PASS
	25°C	LV	2500.559	2509.441	2500-2570	PASS
		HV	2500.559	2509.441	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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2507.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2500.760	2514.240	2500-2570	PASS
	Extreme (40℃)		2500.753	2514.247	2500-2570	PASS
	Extreme (30℃)		2500.716	2514.284	2500-2570	PASS
	Extreme (20℃)		2500.797	2514.203	2500-2570	PASS
	Extreme (10℃)		2500.776	2514.224	2500-2570	PASS
	Extreme (0℃)		2500.712	2514.288	2500-2570	PASS
	Extreme (-10℃)		2500.755	2514.245	2500-2570	PASS
	Extreme (-20℃)		2500.729	2514.271	2500-2570	PASS
	Extreme (-30℃)		2500.796	2514.204	2500-2570	PASS
	25℃	LV	2500.728	2514.272	2500-2570	PASS
		HV	2500.779	2514.221	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	2501.042	2518.958	2500-2570	PASS
	Extreme (40℃)		2501.015	2518.985	2500-2570	PASS
	Extreme (30℃)		2501.025	2518.975	2500-2570	PASS
	Extreme (20℃)		2501.045	2518.955	2500-2570	PASS
	Extreme (10℃)		2501.002	2518.998	2500-2570	PASS
	Extreme (0℃)		2501.041	2518.959	2500-2570	PASS
	Extreme (-10℃)		2501.023	2518.977	2500-2570	PASS
	Extreme (-20℃)		2501.045	2518.955	2500-2570	PASS
	Extreme (-30℃)		2501.014	2518.986	2500-2570	PASS
	25℃	LV	2501.023	2518.977	2500-2570	PASS
		HV	2501.014	2518.986	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	2565.219	2569.781	2500-2570	PASS
	Extreme (40℃)		2565.237	2569.763	2500-2570	PASS
	Extreme (30℃)		2565.289	2569.711	2500-2570	PASS
	Extreme (20℃)		2565.207	2569.793	2500-2570	PASS
	Extreme (10℃)		2565.234	2569.766	2500-2570	PASS
	Extreme (0℃)		2565.260	2569.740	2500-2570	PASS
	Extreme (-10℃)		2565.289	2569.711	2500-2570	PASS

	Extreme (-20℃)		2565.290	2569.710	2500-2570	PASS
	Extreme (-30℃)		2565.299	2569.701	2500-2570	PASS
	25℃	LV	2565.219	2569.781	2500-2570	PASS
		HV	2565.231	2569.769	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	2560.505	2569.495	2500-2570	PASS
	Extreme (40℃)		2560.559	2569.441	2500-2570	PASS
	Extreme (30℃)		2560.625	2569.375	2500-2570	PASS
	Extreme (20℃)		2560.618	2569.382	2500-2570	PASS
	Extreme (10℃)		2560.591	2569.409	2500-2570	PASS
	Extreme (0℃)		2560.582	2569.418	2500-2570	PASS
	Extreme (-10℃)		2560.588	2569.412	2500-2570	PASS
	Extreme (-20℃)		2560.580	2569.420	2500-2570	PASS
	Extreme (-30℃)		2560.630	2569.370	2500-2570	PASS
	25℃	LV	2560.566	2569.434	2500-2570	PASS
		HV	2560.520	2569.480	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	2555.784	2569.216	2500-2570	PASS
	Extreme (40℃)		2555.735	2569.265	2500-2570	PASS
	Extreme (30℃)		2555.769	2569.231	2500-2570	PASS
	Extreme (20℃)		2555.760	2569.240	2500-2570	PASS
	Extreme (10℃)		2555.715	2569.285	2500-2570	PASS
	Extreme (0℃)		2555.737	2569.263	2500-2570	PASS
	Extreme (-10℃)		2555.702	2569.298	2500-2570	PASS
	Extreme (-20℃)		2555.794	2569.206	2500-2570	PASS
	Extreme (-30℃)		2555.719	2569.281	2500-2570	PASS
	25℃	LV	2555.780	2569.220	2500-2570	PASS
		HV	2555.776	2569.224	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°C)	NV	2550.930	2569.070	2500-2570	PASS
	Extreme (40°C)		2550.982	2569.018	2500-2570	PASS
	Extreme (30°C)		2550.959	2569.041	2500-2570	PASS
	Extreme (20°C)		2550.954	2569.046	2500-2570	PASS
	Extreme (10°C)		2550.982	2569.018	2500-2570	PASS
	Extreme (0°C)		2550.921	2569.079	2500-2570	PASS
	Extreme (-10°C)		2550.970	2569.030	2500-2570	PASS
	Extreme (-20°C)		2550.979	2569.021	2500-2570	PASS
	Extreme (-30°C)		2550.992	2569.008	2500-2570	PASS
	25°C	LV	2550.915	2569.085	2500-2570	PASS
		HV	2550.953	2569.047	2500-2570	PASS

LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.149	700.251	699-716	PASS
	Extreme (40°C)		699.147	700.253	699-716	PASS
	Extreme (30°C)		699.150	700.250	699-716	PASS
	Extreme (20°C)		699.148	700.252	699-716	PASS
	Extreme (10°C)		699.146	700.254	699-716	PASS
	Extreme (0°C)		699.147	700.253	699-716	PASS
	Extreme (-10°C)		699.145	700.255	699-716	PASS
	Extreme (-20°C)		699.145	700.255	699-716	PASS
	Extreme (-30°C)		699.149	700.251	699-716	PASS
	25°C	LV	699.146	700.254	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.150	701.850	699-716	PASS
	Extreme (40°C)		699.147	701.853	699-716	PASS
	Extreme (30°C)		699.147	701.853	699-716	PASS
	Extreme (20°C)		699.147	701.853	699-716	PASS
	Extreme (10°C)		699.149	701.851	699-716	PASS
	Extreme (0°C)		699.147	701.853	699-716	PASS
	Extreme (-10°C)		699.149	701.851	699-716	PASS
	Extreme (-20°C)		699.147	701.853	699-716	PASS
	Extreme (-30°C)		699.145	701.855	699-716	PASS
	25°C	LV	699.145	701.855	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.207	703.793	699-716	PASS
	Extreme (40°C)		699.296	703.704	699-716	PASS
	Extreme (30°C)		699.213	703.787	699-716	PASS
	Extreme (20°C)		699.227	703.773	699-716	PASS
	Extreme (10°C)		699.202	703.798	699-716	PASS
	Extreme (0°C)		699.238	703.762	699-716	PASS
	Extreme (-10°C)		699.251	703.749	699-716	PASS
	Extreme (-20°C)		699.252	703.748	699-716	PASS
	Extreme (-30°C)		699.288	703.712	699-716	PASS
	25°C	LV	699.267	703.733	699-716	PASS
		HV	699.277	703.723	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	699.609	708.391	699-716	PASS
	Extreme (40°C)		699.621	708.379	699-716	PASS
	Extreme (30°C)		699.502	708.498	699-716	PASS
	Extreme (20°C)		699.531	708.469	699-716	PASS
	Extreme (10°C)		699.530	708.470	699-716	PASS
	Extreme (0°C)		699.605	708.395	699-716	PASS
	Extreme (-10°C)		699.518	708.482	699-716	PASS
	Extreme (-20°C)		699.529	708.471	699-716	PASS
	Extreme (-30°C)		699.504	708.496	699-716	PASS
	25°C	LV	699.557	708.443	699-716	PASS
		HV	699.577	708.423	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)		714.745	715.855	699-716	PASS
	Extreme (30°C)		714.746	715.854	699-716	PASS

	Extreme (20°C)		714.747	715.853	699-716	PASS
	Extreme (10°C)		714.746	715.854	699-716	PASS
	Extreme (0°C)		714.745	715.855	699-716	PASS
	Extreme (-10°C)		714.745	715.855	699-716	PASS
	Extreme (-20°C)		714.746	715.854	699-716	PASS
	Extreme (-30°C)		714.749	715.851	699-716	PASS
	25°C	LV	714.745	715.855	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	713.149	715.851	699-716	PASS
	Extreme (40°C)		713.147	715.853	699-716	PASS
	Extreme (30°C)		713.147	715.853	699-716	PASS
	Extreme (20°C)		713.147	715.853	699-716	PASS
	Extreme (10°C)		713.149	715.851	699-716	PASS
	Extreme (0°C)		713.147	715.853	699-716	PASS
	Extreme (-10°C)		713.146	715.854	699-716	PASS
	Extreme (-20°C)		713.146	715.854	699-716	PASS
	Extreme (-30°C)		713.148	715.852	699-716	PASS
	25°C	LV	713.148	715.852	699-716	PASS
		HV	713.147	715.853	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	711.212	715.788	699-716	PASS
	Extreme (40°C)		711.247	715.753	699-716	PASS
	Extreme (30°C)		711.278	715.722	699-716	PASS
	Extreme (20°C)		711.263	715.737	699-716	PASS
	Extreme (10°C)		711.245	715.755	699-716	PASS
	Extreme (0°C)		711.262	715.738	699-716	PASS
	Extreme (-10°C)		711.244	715.756	699-716	PASS
	Extreme (-20°C)		711.244	715.756	699-716	PASS
	Extreme (-30°C)		711.281	715.719	699-716	PASS
	25°C	LV	711.235	715.765	699-716	PASS
		HV	711.223	715.777	699-716	PASS
LTE B12	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	706.544	715.456	699-716	PASS
	Extreme (40°C)		706.582	715.418	699-716	PASS
	Extreme (30°C)		706.505	715.495	699-716	PASS
	Extreme (20°C)		706.568	715.432	699-716	PASS
	Extreme (10°C)		706.636	715.364	699-716	PASS
	Extreme (0°C)		706.550	715.450	699-716	PASS
	Extreme (-10°C)		706.500	715.500	699-716	PASS
	Extreme (-20°C)		706.526	715.474	699-716	PASS
	Extreme (-30°C)		706.547	715.453	699-716	PASS
	25°C	LV	706.577	715.423	699-716	PASS
		HV	706.527	715.473	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	777.266	781.734	777-787	PASS
	Extreme (40°C)		777.291	781.709	777-787	PASS
	Extreme (30°C)		777.270	781.730	777-787	PASS
	Extreme (20°C)		777.224	781.776	777-787	PASS
	Extreme (10°C)		777.215	781.785	777-787	PASS
	Extreme (0°C)		777.276	781.724	777-787	PASS
	Extreme (-10°C)		777.278	781.722	777-787	PASS
	Extreme (-20°C)		777.268	781.732	777-787	PASS
	Extreme (-30°C)		777.298	781.702	777-787	PASS
	25°C	LV	777.242	781.758	777-787	PASS
		HV	777.247	781.753	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	777.539	786.461	777-787	PASS
	Extreme (40°C)		777.540	786.460	777-787	PASS
	Extreme (30°C)		777.628	786.372	777-787	PASS
	Extreme (20°C)		777.593	786.407	777-787	PASS
	Extreme (10°C)		777.614	786.386	777-787	PASS
	Extreme (0°C)		777.532	786.468	777-787	PASS

	Extreme (-10°C)		777.573	786.427	777-787	PASS
	Extreme (-20°C)		777.527	786.473	777-787	PASS
	Extreme (-30°C)		777.593	786.407	777-787	PASS
	25°C	LV	777.571	786.429	777-787	PASS
		HV	777.602	786.398	777-787	PASS

LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
784.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	782.212	786.788	777-787	PASS
	Extreme (40°C)		782.249	786.751	777-787	PASS
	Extreme (30°C)		782.226	786.774	777-787	PASS
	Extreme (20°C)		782.270	786.730	777-787	PASS
	Extreme (10°C)		782.243	786.757	777-787	PASS
	Extreme (0°C)		782.300	786.700	777-787	PASS
	Extreme (-10°C)		782.253	786.747	777-787	PASS
	Extreme (-20°C)		782.231	786.769	777-787	PASS
	Extreme (-30°C)		782.258	786.742	777-787	PASS
	25°C	LV	782.208	786.792	777-787	PASS
		HV	782.259	786.741	777-787	PASS

LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
790.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	788.216	792.784	788-798	PASS
	Extreme (40°C)		788.252	792.748	788-798	PASS
	Extreme (30°C)		788.282	792.718	788-798	PASS
	Extreme (20°C)		788.240	792.760	788-798	PASS
	Extreme (10°C)		788.210	792.790	788-798	PASS
	Extreme (0°C)		788.205	792.795	788-798	PASS
	Extreme (-10°C)		788.208	792.792	788-798	PASS
	Extreme (-20°C)		788.285	792.715	788-798	PASS
	Extreme (-30°C)		788.276	792.724	788-798	PASS
	25°C	LV	788.293	792.707	788-798	PASS
		HV	788.239	792.761	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°C)	NV	788.531	797.469	788-798	PASS
	Extreme (40°C)		788.566	797.434	788-798	PASS
	Extreme (30°C)		788.507	797.493	788-798	PASS
	Extreme (20°C)		788.575	797.425	788-798	PASS
	Extreme (10°C)		788.579	797.421	788-798	PASS
	Extreme (0°C)		788.553	797.447	788-798	PASS
	Extreme (-10°C)		788.593	797.407	788-798	PASS
	Extreme (-20°C)		788.540	797.460	788-798	PASS
	Extreme (-30°C)		788.521	797.479	788-798	PASS
	25°C	LV	788.559	797.441	788-798	PASS
		HV	788.580	797.420	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	793.283	797.717	788-798	PASS
	Extreme (40℃)		793.299	797.701	788-798	PASS
	Extreme (30℃)		793.276	797.724	788-798	PASS
	Extreme (20℃)		793.235	797.765	788-798	PASS
	Extreme (10℃)		793.225	797.775	788-798	PASS
	Extreme (0℃)		793.235	797.765	788-798	PASS
	Extreme (-10℃)		793.292	797.708	788-798	PASS
	Extreme (-20℃)		793.256	797.744	788-798	PASS
	Extreme (-30℃)		793.233	797.767	788-798	PASS
	25℃	LV	793.205	797.795	788-798	PASS
		HV	793.214	797.786	788-798	PASS

LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
706.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	704.221	708.779	704-716	PASS
	Extreme (40℃)		704.206	708.794	704-716	PASS
	Extreme (30℃)		704.278	708.722	704-716	PASS
	Extreme (20℃)		704.242	708.758	704-716	PASS
	Extreme (10℃)		704.233	708.767	704-716	PASS
	Extreme (0℃)		704.257	708.743	704-716	PASS
	Extreme (-10℃)		704.222	708.778	704-716	PASS
	Extreme (-20℃)		704.201	708.799	704-716	PASS
	Extreme (-30℃)		704.216	708.784	704-716	PASS

	25°C	LV	704.205	708.795	704-716	PASS
		HV	704.254	708.746	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
709	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	704.530	713.470	704-716	PASS
	Extreme (40°C)		704.598	713.402	704-716	PASS
	Extreme (30°C)		704.646	713.354	704-716	PASS
	Extreme (20°C)		704.641	713.359	704-716	PASS
	Extreme (10°C)		704.609	713.391	704-716	PASS
	Extreme (0°C)		704.536	713.464	704-716	PASS
	Extreme (-10°C)		704.589	713.411	704-716	PASS
	Extreme (-20°C)		704.542	713.458	704-716	PASS
	Extreme (-30°C)		704.523	713.477	704-716	PASS
	25°C	LV	704.576	713.424	704-716	PASS
		HV	704.501	713.499	704-716	PASS

LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	711.296	715.704	704-716	PASS
	Extreme (40°C)		711.257	715.743	704-716	PASS
	Extreme (30°C)		711.224	715.776	704-716	PASS
	Extreme (20°C)		711.245	715.755	704-716	PASS
	Extreme (10°C)		711.222	715.778	704-716	PASS
	Extreme (0°C)		711.290	715.710	704-716	PASS
	Extreme (-10°C)		711.210	715.790	704-716	PASS
	Extreme (-20°C)		711.231	715.769	704-716	PASS
	Extreme (-30°C)		711.225	715.775	704-716	PASS
	25°C	LV	711.266	715.734	704-716	PASS
		HV	711.286	715.714	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	706.590	715.410	704-716	PASS
	Extreme (40°C)		706.613	715.387	704-716	PASS

	Extreme (30°C)		706.573	715.427	704-716	PASS
	Extreme (20°C)		706.512	715.488	704-716	PASS
	Extreme (10°C)		706.578	715.422	704-716	PASS
	Extreme (0°C)		706.504	715.496	704-716	PASS
	Extreme (-10°C)		706.597	715.403	704-716	PASS
	Extreme (-20°C)		706.639	715.361	704-716	PASS
	Extreme (-30°C)		706.640	715.360	704-716	PASS
	25°C	LV	706.594	715.406	704-716	PASS
		HV	706.627	715.373	704-716	PASS

LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.146	1851.254	1850-1915	PASS
	Extreme (40℃)		1850.149	1851.251	1850-1915	PASS
	Extreme (30℃)		1850.148	1851.252	1850-1915	PASS
	Extreme (20℃)		1850.149	1851.251	1850-1915	PASS
	Extreme (10℃)		1850.146	1851.254	1850-1915	PASS
	Extreme (0℃)		1850.148	1851.252	1850-1915	PASS
	Extreme (-10℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (-20℃)		1850.148	1851.252	1850-1915	PASS
	Extreme (-30℃)		1850.147	1851.253	1850-1915	PASS
	25℃	LV	1850.147	1851.253	1850-1915	PASS
		HV	1850.147	1851.253	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℃)	NV	1850.146	1852.854	1850-1915	PASS
	Extreme (40℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (30℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (20℃)		1850.146	1852.854	1850-1915	PASS
	Extreme (10℃)		1850.150	1852.850	1850-1915	PASS
	Extreme (0℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (-10℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (-20℃)		1850.147	1852.853	1850-1915	PASS
	Extreme (-30℃)		1850.147	1852.853	1850-1915	PASS
	25℃	LV	1850.150	1852.850	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				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.292	1854.708	1850-1915	PASS
	Extreme (40℃)		1850.277	1854.723	1850-1915	PASS
	Extreme (30℃)		1850.220	1854.780	1850-1915	PASS

	Extreme (20°C)		1850.230	1854.770	1850-1915	PASS
	Extreme (10°C)		1850.262	1854.738	1850-1915	PASS
	Extreme (0°C)		1850.255	1854.745	1850-1915	PASS
	Extreme (-10°C)		1850.222	1854.778	1850-1915	PASS
	Extreme (-20°C)		1850.262	1854.738	1850-1915	PASS
	Extreme (-30°C)		1850.244	1854.756	1850-1915	PASS
	25°C	LV	1850.283	1854.717	1850-1915	PASS
		HV	1850.298	1854.702	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	1850.533	1859.467	1850-1915	PASS
	Extreme (40°C)		1850.575	1859.425	1850-1915	PASS
	Extreme (30°C)		1850.638	1859.362	1850-1915	PASS
	Extreme (20°C)		1850.553	1859.447	1850-1915	PASS
	Extreme (10°C)		1850.549	1859.451	1850-1915	PASS
	Extreme (0°C)		1850.588	1859.412	1850-1915	PASS
	Extreme (-10°C)		1850.549	1859.451	1850-1915	PASS
	Extreme (-20°C)		1850.505	1859.495	1850-1915	PASS
	Extreme (-30°C)		1850.601	1859.399	1850-1915	PASS
	25°C	LV	1850.553	1859.447	1850-1915	PASS
		HV	1850.504	1859.496	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	1850.798	1864.202	1850-1915	PASS
	Extreme (40°C)		1850.790	1864.210	1850-1915	PASS
	Extreme (30°C)		1850.759	1864.241	1850-1915	PASS
	Extreme (20°C)		1850.800	1864.200	1850-1915	PASS
	Extreme (10°C)		1850.799	1864.201	1850-1915	PASS
	Extreme (0°C)		1850.764	1864.236	1850-1915	PASS
	Extreme (-10°C)		1850.764	1864.236	1850-1915	PASS
	Extreme (-20°C)		1850.739	1864.261	1850-1915	PASS
	Extreme (-30°C)		1850.744	1864.256	1850-1915	PASS
	25°C	LV	1850.744	1864.256	1850-1915	PASS
		HV	1850.702	1864.298	1850-1915	PASS
LTE B25	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
1860	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1851.048	1868.952	1850-1915	PASS
	Extreme (40°C)		1851.032	1868.968	1850-1915	PASS
	Extreme (30°C)		1851.047	1868.953	1850-1915	PASS
	Extreme (20°C)		1851.037	1868.963	1850-1915	PASS
	Extreme (10°C)		1851.002	1868.998	1850-1915	PASS
	Extreme (0°C)		1851.018	1868.982	1850-1915	PASS
	Extreme (-10°C)		1851.022	1868.978	1850-1915	PASS
	Extreme (-20°C)		1851.028	1868.972	1850-1915	PASS
	Extreme (-30°C)		1851.043	1868.957	1850-1915	PASS
	25°C	LV	1851.049	1868.951	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°C)	NV	1913.749	1914.851	1850-1915	PASS
	Extreme (40°C)		1913.745	1914.855	1850-1915	PASS
	Extreme (30°C)		1913.747	1914.853	1850-1915	PASS
	Extreme (20°C)		1913.748	1914.852	1850-1915	PASS
	Extreme (10°C)		1913.748	1914.852	1850-1915	PASS
	Extreme (0°C)		1913.747	1914.853	1850-1915	PASS
	Extreme (-10°C)		1913.746	1914.854	1850-1915	PASS
	Extreme (-20°C)		1913.749	1914.851	1850-1915	PASS
	Extreme (-30°C)		1913.747	1914.853	1850-1915	PASS
	25°C	LV	1913.749	1914.851	1850-1915	PASS
		HV	1913.749	1914.851	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1913.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1912.150	1914.850	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)		1912.147	1914.853	1850-1915	PASS
	Extreme (10°C)		1912.147	1914.853	1850-1915	PASS
	Extreme (0°C)		1912.148	1914.852	1850-1915	PASS

	Extreme (-10℃)		1912.149	1914.851	1850-1915	PASS
	Extreme (-20℃)		1912.147	1914.853	1850-1915	PASS
	Extreme (-30℃)		1912.149	1914.851	1850-1915	PASS
	25℃	LV	1912.149	1914.851	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	1910.282	1914.718	1850-1915	PASS
	Extreme (40℃)		1910.238	1914.762	1850-1915	PASS
	Extreme (30℃)		1910.202	1914.798	1850-1915	PASS
	Extreme (20℃)		1910.242	1914.758	1850-1915	PASS
	Extreme (10℃)		1910.221	1914.779	1850-1915	PASS
	Extreme (0℃)		1910.282	1914.718	1850-1915	PASS
	Extreme (-10℃)		1910.235	1914.765	1850-1915	PASS
	Extreme (-20℃)		1910.296	1914.704	1850-1915	PASS
	Extreme (-30℃)		1910.282	1914.718	1850-1915	PASS
	25℃	LV	1910.217	1914.783	1850-1915	PASS
		HV	1910.254	1914.746	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℃)	NV	1905.600	1914.400	1850-1915	PASS
	Extreme (40℃)		1905.554	1914.446	1850-1915	PASS
	Extreme (30℃)		1905.572	1914.428	1850-1915	PASS
	Extreme (20℃)		1905.580	1914.420	1850-1915	PASS
	Extreme (10℃)		1905.619	1914.381	1850-1915	PASS
	Extreme (0℃)		1905.586	1914.414	1850-1915	PASS
	Extreme (-10℃)		1905.597	1914.403	1850-1915	PASS
	Extreme (-20℃)		1905.603	1914.397	1850-1915	PASS
	Extreme (-30℃)		1905.628	1914.372	1850-1915	PASS
	25℃	LV	1905.526	1914.474	1850-1915	PASS
		HV	1905.501	1914.499	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	1900.779	1914.221	1850-1915	PASS
	Extreme (40°C)		1900.767	1914.233	1850-1915	PASS
	Extreme (30°C)		1900.734	1914.266	1850-1915	PASS
	Extreme (20°C)		1900.739	1914.261	1850-1915	PASS
	Extreme (10°C)		1900.713	1914.287	1850-1915	PASS
	Extreme (0°C)		1900.738	1914.262	1850-1915	PASS
	Extreme (-10°C)		1900.759	1914.241	1850-1915	PASS
	Extreme (-20°C)		1900.741	1914.259	1850-1915	PASS
	Extreme (-30°C)		1900.788	1914.212	1850-1915	PASS
	25°C	LV	1900.756	1914.244	1850-1915	PASS
		HV	1900.745	1914.255	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1895.927	1914.073	1850-1915	PASS
	Extreme (40°C)		1895.971	1914.029	1850-1915	PASS
	Extreme (30°C)		1895.946	1914.054	1850-1915	PASS
	Extreme (20°C)		1895.908	1914.092	1850-1915	PASS
	Extreme (10°C)		1895.920	1914.080	1850-1915	PASS
	Extreme (0°C)		1895.934	1914.066	1850-1915	PASS
	Extreme (-10°C)		1895.922	1914.078	1850-1915	PASS
	Extreme (-20°C)		1895.983	1914.017	1850-1915	PASS
	Extreme (-30°C)		1895.917	1914.083	1850-1915	PASS
	25°C	LV	1895.940	1914.060	1850-1915	PASS
		HV	1895.957	1914.043	1850-1915	PASS

BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	4.10	0.00500	PASS
	Extreme (40℃)		17.62	0.02152	PASS
	Extreme (30℃)		15.43	0.01884	PASS
	Extreme (20℃)		16.96	0.02071	PASS
	Extreme (10℃)		13.17	0.01608	PASS
	Extreme (0℃)		1.76	0.00215	PASS
	Extreme (-10℃)		14.26	0.01741	PASS
	Extreme (-20℃)		7.78	0.00950	PASS
	Extreme (-30℃)		7.18	0.00876	PASS

	25°C	LV	3.97	0.00485	PASS
		HV	10.28	0.01255	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	8.78	0.01073	PASS
	Extreme (40°C)		15.07	0.01840	PASS
	Extreme (30°C)		10.91	0.01332	PASS
	Extreme (20°C)		9.46	0.01155	PASS
	Extreme (10°C)		16.03	0.01958	PASS
	Extreme (0°C)		9.59	0.01171	PASS
	Extreme (-10°C)		10.76	0.01314	PASS
	Extreme (-20°C)		4.19	0.00511	PASS
	Extreme (-30°C)		9.37	0.01144	PASS
	25°C	LV	1.39	0.00170	PASS
		HV	2.34	0.00286	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	5.08	0.00621	PASS
	Extreme (40°C)		12.50	0.01526	PASS
	Extreme (30°C)		15.26	0.01863	PASS
	Extreme (20°C)		3.82	0.00466	PASS
	Extreme (10°C)		5.72	0.00699	PASS
	Extreme (0°C)		12.58	0.01536	PASS
	Extreme (-10°C)		7.10	0.00867	PASS
	Extreme (-20°C)		13.06	0.01594	PASS
	Extreme (-30°C)		5.17	0.00631	PASS
	25°C	LV	11.54	0.01409	PASS
		HV	2.52	0.00308	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	4.35	0.00531	PASS
	Extreme (40°C)		11.24	0.01373	PASS
	Extreme (30°C)		7.62	0.00931	PASS
	Extreme (20°C)		9.13	0.01115	PASS

	Extreme (10°C)		15.57	0.01902	PASS
	Extreme (0°C)		7.29	0.00891	PASS
	Extreme (-10°C)		5.20	0.00635	PASS
	Extreme (-20°C)		11.31	0.01380	PASS
	Extreme (-30°C)		8.53	0.01042	PASS
	25°C	LV	9.35	0.01142	PASS
		HV	8.00	0.00977	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	5.49	0.00657	PASS
	Extreme (40°C)		4.51	0.00539	PASS
	Extreme (30°C)		2.62	0.00313	PASS
	Extreme (20°C)		14.50	0.01734	PASS
	Extreme (10°C)		17.38	0.02078	PASS
	Extreme (0°C)		5.73	0.00685	PASS
	Extreme (-10°C)		17.59	0.02103	PASS
	Extreme (-20°C)		15.42	0.01843	PASS
	Extreme (-30°C)		3.67	0.00439	PASS
	25°C	LV	16.83	0.02012	PASS
		HV	2.77	0.00331	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.66	0.02111	PASS
	Extreme (40°C)		5.28	0.00631	PASS
	Extreme (30°C)		8.76	0.01047	PASS
	Extreme (20°C)		5.27	0.00630	PASS
	Extreme (10°C)		5.01	0.00599	PASS
	Extreme (0°C)		9.04	0.01080	PASS
	Extreme (-10°C)		10.06	0.01202	PASS
	Extreme (-20°C)		3.91	0.00468	PASS
	Extreme (-30°C)		5.08	0.00607	PASS
	25°C	LV	9.90	0.01183	PASS
		HV	7.59	0.00908	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			

	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.47	0.00176	PASS
	Extreme (40°C)		4.05	0.00484	PASS
	Extreme (30°C)		16.15	0.01930	PASS
	Extreme (20°C)		4.02	0.00480	PASS
	Extreme (10°C)		6.20	0.00742	PASS
	Extreme (0°C)		1.82	0.00218	PASS
	Extreme (-10°C)		5.31	0.00635	PASS
	Extreme (-20°C)		17.13	0.02048	PASS
	Extreme (-30°C)		14.63	0.01749	PASS
	25°C	LV	14.47	0.01730	PASS
		HV	2.74	0.00327	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.13	0.02048	PASS
	Extreme (40°C)		11.33	0.01355	PASS
	Extreme (30°C)		8.73	0.01044	PASS
	Extreme (20°C)		10.51	0.01256	PASS
	Extreme (10°C)		4.14	0.00495	PASS
	Extreme (0°C)		4.71	0.00564	PASS
	Extreme (-10°C)		7.87	0.00941	PASS
	Extreme (-20°C)		16.94	0.02025	PASS
	Extreme (-30°C)		15.14	0.01809	PASS
	25°C	LV	17.18	0.02053	PASS
		HV	3.61	0.00431	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.52	0.00779	PASS
	Extreme (40°C)		6.68	0.00799	PASS
	Extreme (30°C)		12.95	0.01548	PASS
	Extreme (20°C)		16.94	0.02025	PASS
	Extreme (10°C)		13.45	0.01608	PASS
	Extreme (0°C)		11.69	0.01397	PASS
	Extreme (-10°C)		11.72	0.01401	PASS
	Extreme (-20°C)		15.40	0.01841	PASS
	Extreme (-30°C)		7.72	0.00923	PASS
	25°C	LV	10.65	0.01273	PASS
		HV	12.80	0.01530	PASS

LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2307.5	BANDWIDTH	5MHz	QPSK	QPSK	2305-2315	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2305.204	2309.796	2305-2315	PASS
	Extreme (40°C)		2305.300	2309.700	2305-2315	PASS
	Extreme (30°C)		2305.238	2309.762	2305-2315	PASS
	Extreme (20°C)		2305.242	2309.758	2305-2315	PASS
	Extreme (10°C)		2305.202	2309.798	2305-2315	PASS
	Extreme (0°C)		2305.255	2309.745	2305-2315	PASS
	Extreme (-10°C)		2305.204	2309.796	2305-2315	PASS
	Extreme (-20°C)		2305.258	2309.742	2305-2315	PASS
	Extreme (-30°C)		2305.228	2309.772	2305-2315	PASS
	25°C	LV	2305.220	2309.780	2305-2315	PASS
		HV	2305.246	2309.754	2305-2315	PASS
LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2310	BANDWIDTH	10MHz	QPSK	QPSK	2305-2315	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2305.572	2314.428	2305-2315	PASS
	Extreme (40°C)		2305.502	2314.498	2305-2315	PASS
	Extreme (30°C)		2305.579	2314.421	2305-2315	PASS
	Extreme (20°C)		2305.585	2314.415	2305-2315	PASS
	Extreme (10°C)		2305.529	2314.471	2305-2315	PASS
	Extreme (0°C)		2305.597	2314.403	2305-2315	PASS
	Extreme (-10°C)		2305.517	2314.483	2305-2315	PASS
	Extreme (-20°C)		2305.536	2314.464	2305-2315	PASS
	Extreme (-30°C)		2305.510	2314.490	2305-2315	PASS
	25°C	LV	2305.532	2314.468	2305-2315	PASS
		HV	2305.545	2314.455	2305-2315	PASS

LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2312.5	BANDWIDTH	5MHz	QPSK	QPSK	2305-2315	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2310.285	2314.715	2305-2315	PASS
	Extreme (40°C)		2310.263	2314.737	2305-2315	PASS
	Extreme (30°C)		2310.246	2314.754	2305-2315	PASS
	Extreme (20°C)		2310.201	2314.799	2305-2315	PASS

	Extreme (10°C)		2310.286	2314.714	2305-2315	PASS
	Extreme (0°C)		2310.217	2314.783	2305-2315	PASS
	Extreme (-10°C)		2310.293	2314.707	2305-2315	PASS
	Extreme (-20°C)		2310.276	2314.724	2305-2315	PASS
	Extreme (-30°C)		2310.292	2314.708	2305-2315	PASS
	25°C	LV	2310.218	2314.782	2305-2315	PASS
		HV	2310.229	2314.771	2305-2315	PASS

LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	BANDWIDTH	5MHz	QPSK	QPSK	2570-2620	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.261	2574.739	2570-2620	PASS
	Extreme (40°C)		2570.244	2574.756	2570-2620	PASS
	Extreme (30°C)		2570.256	2574.744	2570-2620	PASS
	Extreme (20°C)		2570.273	2574.727	2570-2620	PASS
	Extreme (10°C)		2570.250	2574.750	2570-2620	PASS
	Extreme (0°C)		2570.261	2574.739	2570-2620	PASS
	Extreme (-10°C)		2570.234	2574.766	2570-2620	PASS
	Extreme (-20°C)		2570.201	2574.799	2570-2620	PASS
	Extreme (-30°C)		2570.231	2574.769	2570-2620	PASS
	25°C	LV	2570.270	2574.730	2570-2620	PASS
		HV	2570.292	2574.708	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	BANDWIDTH	10MHz	QPSK	QPSK	2570-2620	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.623	2579.377	2570-2620	PASS
	Extreme (40°C)		2570.571	2579.429	2570-2620	PASS
	Extreme (30°C)		2570.578	2579.422	2570-2620	PASS
	Extreme (20°C)		2570.561	2579.439	2570-2620	PASS
	Extreme (10°C)		2570.531	2579.469	2570-2620	PASS
	Extreme (0°C)		2570.590	2579.410	2570-2620	PASS
	Extreme (-10°C)		2570.632	2579.368	2570-2620	PASS
	Extreme (-20°C)		2570.508	2579.492	2570-2620	PASS
	Extreme (-30°C)		2570.600	2579.400	2570-2620	PASS
	25°C	LV	2570.590	2579.410	2570-2620	PASS
		HV	2570.603	2579.397	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2577.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2570.760	2584.240	2570-2620	PASS
	Extreme (40℃)		2570.743	2584.257	2570-2620	PASS
	Extreme (30℃)		2570.766	2584.234	2570-2620	PASS
	Extreme (20℃)		2570.744	2584.256	2570-2620	PASS
	Extreme (10℃)		2570.796	2584.204	2570-2620	PASS
	Extreme (0℃)		2570.782	2584.218	2570-2620	PASS
	Extreme (-10℃)		2570.760	2584.240	2570-2620	PASS
	Extreme (-20℃)		2570.727	2584.273	2570-2620	PASS
	Extreme (-30℃)		2570.713	2584.287	2570-2620	PASS
	25℃	LV	2570.786	2584.214	2570-2620	PASS
		HV	2570.737	2584.263	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2571.002	2588.998	2570-2620	PASS
	Extreme (40℃)		2571.026	2588.974	2570-2620	PASS
	Extreme (30℃)		2571.011	2588.989	2570-2620	PASS
	Extreme (20℃)		2571.031	2588.969	2570-2620	PASS
	Extreme (10℃)		2571.015	2588.985	2570-2620	PASS
	Extreme (0℃)		2571.014	2588.986	2570-2620	PASS
	Extreme (-10℃)		2571.042	2588.958	2570-2620	PASS
	Extreme (-20℃)		2571.042	2588.958	2570-2620	PASS
	Extreme (-30℃)		2571.039	2588.961	2570-2620	PASS
	25℃	LV	2571.049	2588.951	2570-2620	PASS
		HV	2571.037	2588.963	2570-2620	PASS

LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2615.282	2619.718	2570-2620	PASS
	Extreme (40℃)		2615.247	2619.753	2570-2620	PASS
	Extreme (30℃)		2615.287	2619.713	2570-2620	PASS
	Extreme (20℃)		2615.263	2619.737	2570-2620	PASS
	Extreme (10℃)		2615.295	2619.705	2570-2620	PASS
	Extreme (0℃)		2615.261	2619.739	2570-2620	PASS
	Extreme (-10℃)		2615.204	2619.796	2570-2620	PASS

	Extreme (-20℃)		2615.288	2619.712	2570-2620	PASS
	Extreme (-30℃)		2615.271	2619.729	2570-2620	PASS
	25℃	LV	2615.205	2619.795	2570-2620	PASS
		HV	2615.262	2619.738	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2610.515	2619.485	2570-2620	PASS
	Extreme (40℃)		2610.579	2619.421	2570-2620	PASS
	Extreme (30℃)		2610.508	2619.492	2570-2620	PASS
	Extreme (20℃)		2610.605	2619.395	2570-2620	PASS
	Extreme (10℃)		2610.611	2619.389	2570-2620	PASS
	Extreme (0℃)		2610.573	2619.427	2570-2620	PASS
	Extreme (-10℃)		2610.585	2619.415	2570-2620	PASS
	Extreme (-20℃)		2610.575	2619.425	2570-2620	PASS
	Extreme (-30℃)		2610.576	2619.424	2570-2620	PASS
	25℃	LV	2610.613	2619.387	2570-2620	PASS
		HV	2610.613	2619.387	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2612.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2605.706	2619.294	2570-2620	PASS
	Extreme (40℃)		2605.746	2619.254	2570-2620	PASS
	Extreme (30℃)		2605.737	2619.263	2570-2620	PASS
	Extreme (20℃)		2605.730	2619.270	2570-2620	PASS
	Extreme (10℃)		2605.700	2619.300	2570-2620	PASS
	Extreme (0℃)		2605.738	2619.262	2570-2620	PASS
	Extreme (-10℃)		2605.716	2619.284	2570-2620	PASS
	Extreme (-20℃)		2605.711	2619.289	2570-2620	PASS
	Extreme (-30℃)		2605.794	2619.206	2570-2620	PASS
	25℃	LV	2605.797	2619.203	2570-2620	PASS
		HV	2605.727	2619.273	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			

	Extreme (50°C)	NV	2600.907	2619.093	2570-2620	PASS
	Extreme (40°C)		2600.938	2619.062	2570-2620	PASS
	Extreme (30°C)		2600.954	2619.046	2570-2620	PASS
	Extreme (20°C)		2600.919	2619.081	2570-2620	PASS
	Extreme (10°C)		2600.969	2619.031	2570-2620	PASS
	Extreme (0°C)		2600.973	2619.027	2570-2620	PASS
	Extreme (-10°C)		2600.937	2619.063	2570-2620	PASS
	Extreme (-20°C)		2600.957	2619.043	2570-2620	PASS
	Extreme (-30°C)		2600.991	2619.009	2570-2620	PASS
	25°C	LV	2600.914	2619.086	2570-2620	PASS
		HV	2600.963	2619.037	2570-2620	PASS

LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2498.5	BANDWIDTH	5MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.298	2500.702	2496-2690	PASS
	Extreme (40°C)		2496.201	2500.799	2496-2690	PASS
	Extreme (30°C)		2496.209	2500.791	2496-2690	PASS
	Extreme (20°C)		2496.250	2500.750	2496-2690	PASS
	Extreme (10°C)		2496.277	2500.723	2496-2690	PASS
	Extreme (0°C)		2496.243	2500.757	2496-2690	PASS
	Extreme (-10°C)		2496.236	2500.764	2496-2690	PASS
	Extreme (-20°C)		2496.268	2500.732	2496-2690	PASS
	Extreme (-30°C)		2496.280	2500.720	2496-2690	PASS
	25°C	LV	2496.287	2500.713	2496-2690	PASS
		HV	2496.298	2500.702	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2501	BANDWIDTH	10MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.509	2505.491	2496-2690	PASS
	Extreme (40°C)		2496.613	2505.387	2496-2690	PASS
	Extreme (30°C)		2496.576	2505.424	2496-2690	PASS
	Extreme (20°C)		2496.554	2505.446	2496-2690	PASS
	Extreme (10°C)		2496.639	2505.361	2496-2690	PASS
	Extreme (0°C)		2496.554	2505.446	2496-2690	PASS
	Extreme (-10°C)		2496.550	2505.450	2496-2690	PASS
	Extreme (-20°C)		2496.513	2505.487	2496-2690	PASS
	Extreme (-30°C)		2496.509	2505.491	2496-2690	PASS
	25°C	LV	2496.620	2505.380	2496-2690	PASS

		HV	2496.614	2505.386	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	2496.790	2510.210	2496-2690	PASS
	Extreme (40°C)		2496.773	2510.227	2496-2690	PASS
	Extreme (30°C)		2496.710	2510.290	2496-2690	PASS
	Extreme (20°C)		2496.782	2510.218	2496-2690	PASS
	Extreme (10°C)		2496.717	2510.283	2496-2690	PASS
	Extreme (0°C)		2496.785	2510.215	2496-2690	PASS
	Extreme (-10°C)		2496.788	2510.212	2496-2690	PASS
	Extreme (-20°C)		2496.774	2510.226	2496-2690	PASS
	Extreme (-30°C)		2496.741	2510.259	2496-2690	PASS
	25°C	LV	2496.798	2510.202	2496-2690	PASS
		HV	2496.793	2510.207	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	2497.035	2514.965	2496-2690	PASS
	Extreme (40°C)		2497.016	2514.984	2496-2690	PASS
	Extreme (30°C)		2497.033	2514.967	2496-2690	PASS
	Extreme (20°C)		2497.011	2514.989	2496-2690	PASS
	Extreme (10°C)		2497.001	2514.999	2496-2690	PASS
	Extreme (0°C)		2497.012	2514.988	2496-2690	PASS
	Extreme (-10°C)		2497.012	2514.988	2496-2690	PASS
	Extreme (-20°C)		2497.017	2514.983	2496-2690	PASS
	Extreme (-30°C)		2497.045	2514.955	2496-2690	PASS
	25°C	LV	2497.016	2514.984	2496-2690	PASS
		HV	2497.008	2514.992	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	2685.254	2689.746	2496-2690	PASS
	Extreme (40°C)		2685.246	2689.754	2496-2690	PASS
	Extreme (30°C)		2685.240	2689.760	2496-2690	PASS

	Extreme (20°C)		2685.284	2689.716	2496-2690	PASS
	Extreme (10°C)		2685.285	2689.715	2496-2690	PASS
	Extreme (0°C)		2685.279	2689.721	2496-2690	PASS
	Extreme (-10°C)		2685.238	2689.762	2496-2690	PASS
	Extreme (-20°C)		2685.221	2689.779	2496-2690	PASS
	Extreme (-30°C)		2685.230	2689.770	2496-2690	PASS
	25°C	LV	2685.241	2689.759	2496-2690	PASS
		HV	2685.241	2689.759	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2685	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2680.619	2689.381	2496-2690	PASS
	Extreme (40°C)		2680.605	2689.395	2496-2690	PASS
	Extreme (30°C)		2680.575	2689.425	2496-2690	PASS
	Extreme (20°C)		2680.605	2689.395	2496-2690	PASS
	Extreme (10°C)		2680.602	2689.398	2496-2690	PASS
	Extreme (0°C)		2680.512	2689.488	2496-2690	PASS
	Extreme (-10°C)		2680.616	2689.384	2496-2690	PASS
	Extreme (-20°C)		2680.621	2689.379	2496-2690	PASS
	Extreme (-30°C)		2680.539	2689.461	2496-2690	PASS
	25°C	LV	2680.505	2689.495	2496-2690	PASS
		HV	2680.621	2689.379	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	2675.723	2689.277	2496-2690	PASS
	Extreme (40°C)		2675.752	2689.248	2496-2690	PASS
	Extreme (30°C)		2675.770	2689.230	2496-2690	PASS
	Extreme (20°C)		2675.714	2689.286	2496-2690	PASS
	Extreme (10°C)		2675.736	2689.264	2496-2690	PASS
	Extreme (0°C)		2675.725	2689.275	2496-2690	PASS
	Extreme (-10°C)		2675.757	2689.243	2496-2690	PASS
	Extreme (-20°C)		2675.797	2689.203	2496-2690	PASS
	Extreme (-30°C)		2675.749	2689.251	2496-2690	PASS
	25°C	LV	2675.800	2689.200	2496-2690	PASS
		HV	2675.794	2689.206	2496-2690	PASS
LTE B41	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
2680	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2670.925	2689.075	2496-2690	PASS
	Extreme (40°C)		2670.925	2689.075	2496-2690	PASS
	Extreme (30°C)		2670.961	2689.039	2496-2690	PASS
	Extreme (20°C)		2670.969	2689.031	2496-2690	PASS
	Extreme (10°C)		2670.936	2689.064	2496-2690	PASS
	Extreme (0°C)		2670.970	2689.030	2496-2690	PASS
	Extreme (-10°C)		2670.960	2689.040	2496-2690	PASS
	Extreme (-20°C)		2670.970	2689.030	2496-2690	PASS
	Extreme (-30°C)		2670.985	2689.015	2496-2690	PASS
	25°C	LV	2670.918	2689.082	2496-2690	PASS
		HV	2670.919	2689.081	2496-2690	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	1710.149	1711.251	1710-1780	PASS
	Extreme (40°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (30°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (20°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (10°C)		1710.145	1711.255	1710-1780	PASS
	Extreme (0°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (-10°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (-20°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (-30°C)		1710.146	1711.254	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°C)	NV	1710.146	1712.854	1710-1780	PASS
	Extreme (40°C)		1710.148	1712.852	1710-1780	PASS
	Extreme (30°C)		1710.149	1712.851	1710-1780	PASS
	Extreme (20°C)		1710.150	1712.850	1710-1780	PASS
	Extreme (10°C)		1710.149	1712.851	1710-1780	PASS
	Extreme (0°C)		1710.147	1712.853	1710-1780	PASS

	Extreme (-10℃)		1710.149	1712.851	1710-1780	PASS
	Extreme (-20℃)		1710.149	1712.851	1710-1780	PASS
	Extreme (-30℃)		1710.150	1712.850	1710-1780	PASS
	25℃	LV	1710.145	1712.855	1710-1780	PASS
		HV	1710.147	1712.853	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.284	1714.716	1710-1780	PASS
	Extreme (40℃)		1710.259	1714.741	1710-1780	PASS
	Extreme (30℃)		1710.276	1714.724	1710-1780	PASS
	Extreme (20℃)		1710.260	1714.740	1710-1780	PASS
	Extreme (10℃)		1710.218	1714.782	1710-1780	PASS
	Extreme (0℃)		1710.284	1714.716	1710-1780	PASS
	Extreme (-10℃)		1710.283	1714.717	1710-1780	PASS
	Extreme (-20℃)		1710.207	1714.793	1710-1780	PASS
	Extreme (-30℃)		1710.212	1714.788	1710-1780	PASS
	25℃	LV	1710.220	1714.780	1710-1780	PASS
		HV	1710.235	1714.765	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℃)	NV	1710.632	1719.368	1710-1780	PASS
	Extreme (40℃)		1710.581	1719.419	1710-1780	PASS
	Extreme (30℃)		1710.527	1719.473	1710-1780	PASS
	Extreme (20℃)		1710.501	1719.499	1710-1780	PASS
	Extreme (10℃)		1710.642	1719.358	1710-1780	PASS
	Extreme (0℃)		1710.630	1719.370	1710-1780	PASS
	Extreme (-10℃)		1710.646	1719.354	1710-1780	PASS
	Extreme (-20℃)		1710.523	1719.477	1710-1780	PASS
	Extreme (-30℃)		1710.636	1719.364	1710-1780	PASS
	25℃	LV	1710.511	1719.489	1710-1780	PASS
		HV	1710.572	1719.428	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°C)	NV	1710.779	1724.221	1710-1780	PASS
	Extreme (40°C)		1710.748	1724.252	1710-1780	PASS
	Extreme (30°C)		1710.712	1724.288	1710-1780	PASS
	Extreme (20°C)		1710.766	1724.234	1710-1780	PASS
	Extreme (10°C)		1710.710	1724.290	1710-1780	PASS
	Extreme (0°C)		1710.790	1724.210	1710-1780	PASS
	Extreme (-10°C)		1710.733	1724.267	1710-1780	PASS
	Extreme (-20°C)		1710.763	1724.237	1710-1780	PASS
	Extreme (-30°C)		1710.743	1724.257	1710-1780	PASS
	25°C	LV	1710.750	1724.250	1710-1780	PASS
		HV	1710.704	1724.296	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.025	1728.975	1710-1780	PASS
	Extreme (40°C)		1711.025	1728.975	1710-1780	PASS
	Extreme (30°C)		1711.003	1728.997	1710-1780	PASS
	Extreme (20°C)		1711.045	1728.955	1710-1780	PASS
	Extreme (10°C)		1711.019	1728.981	1710-1780	PASS
	Extreme (0°C)		1711.002	1728.998	1710-1780	PASS
	Extreme (-10°C)		1711.027	1728.973	1710-1780	PASS
	Extreme (-20°C)		1711.001	1728.999	1710-1780	PASS
	Extreme (-30°C)		1711.034	1728.966	1710-1780	PASS
	25°C	LV	1711.031	1728.969	1710-1780	PASS
		HV	1711.003	1728.997	1710-1780	PASS

LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1779.3	BANDWIDTH	1.4MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1778.748	1779.852	1710-1780	PASS
	Extreme (40°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (30°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (20°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (10°C)		1778.747	1779.853	1710-1780	PASS
	Extreme (0°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (-10°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (-20°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (-30°C)		1778.746	1779.854	1710-1780	PASS

	25°C	LV	1778.746	1779.854	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	1777.146	1779.854	1710-1780	PASS
	Extreme (40°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (30°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (20°C)		1777.147	1779.853	1710-1780	PASS
	Extreme (10°C)		1777.150	1779.850	1710-1780	PASS
	Extreme (0°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (-10°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (-20°C)		1777.150	1779.850	1710-1780	PASS
	Extreme (-30°C)		1777.149	1779.851	1710-1780	PASS
	25°C	LV	1777.148	1779.852	1710-1780	PASS
		HV	1777.149	1779.851	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1777.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1775.223	1779.777	1710-1780	PASS
	Extreme (40°C)		1775.288	1779.712	1710-1780	PASS
	Extreme (30°C)		1775.261	1779.739	1710-1780	PASS
	Extreme (20°C)		1775.251	1779.749	1710-1780	PASS
	Extreme (10°C)		1775.213	1779.787	1710-1780	PASS
	Extreme (0°C)		1775.248	1779.752	1710-1780	PASS
	Extreme (-10°C)		1775.272	1779.728	1710-1780	PASS
	Extreme (-20°C)		1775.206	1779.794	1710-1780	PASS
	Extreme (-30°C)		1775.293	1779.707	1710-1780	PASS
	25°C	LV	1775.262	1779.738	1710-1780	PASS
		HV	1775.219	1779.781	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	1770.530	1779.470	1710-1780	PASS
	Extreme (40°C)		1770.515	1779.485	1710-1780	PASS

	Extreme (30°C)		1770.607	1779.393	1710-1780	PASS
	Extreme (20°C)		1770.549	1779.451	1710-1780	PASS
	Extreme (10°C)		1770.581	1779.419	1710-1780	PASS
	Extreme (0°C)		1770.542	1779.458	1710-1780	PASS
	Extreme (-10°C)		1770.542	1779.458	1710-1780	PASS
	Extreme (-20°C)		1770.558	1779.442	1710-1780	PASS
	Extreme (-30°C)		1770.505	1779.495	1710-1780	PASS
	25°C	LV	1770.525	1779.475	1710-1780	PASS
		HV	1770.511	1779.489	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1765.750	1779.250	1710-1780	PASS
	Extreme (40°C)		1765.714	1779.286	1710-1780	PASS
	Extreme (30°C)		1765.778	1779.222	1710-1780	PASS
	Extreme (20°C)		1765.788	1779.212	1710-1780	PASS
	Extreme (10°C)		1765.714	1779.286	1710-1780	PASS
	Extreme (0°C)		1765.721	1779.279	1710-1780	PASS
	Extreme (-10°C)		1765.744	1779.256	1710-1780	PASS
	Extreme (-20°C)		1765.780	1779.220	1710-1780	PASS
	Extreme (-30°C)		1765.725	1779.275	1710-1780	PASS
	25°C	LV	1765.716	1779.284	1710-1780	PASS
		HV	1765.734	1779.266	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1770	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1760.911	1779.089	1710-1780	PASS
	Extreme (40°C)		1760.954	1779.046	1710-1780	PASS
	Extreme (30°C)		1760.951	1779.049	1710-1780	PASS
	Extreme (20°C)		1760.973	1779.027	1710-1780	PASS
	Extreme (10°C)		1760.929	1779.071	1710-1780	PASS
	Extreme (0°C)		1760.997	1779.003	1710-1780	PASS
	Extreme (-10°C)		1760.950	1779.050	1710-1780	PASS
	Extreme (-20°C)		1760.958	1779.042	1710-1780	PASS
	Extreme (-30°C)		1760.987	1779.013	1710-1780	PASS
	25°C	LV	1760.923	1779.077	1710-1780	PASS
		HV	1760.977	1779.023	1710-1780	PASS

LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
665.5	BANDWIDTH	5MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	663.257	667.743	663-698	PASS
	Extreme (40°C)		663.250	667.750	663-698	PASS
	Extreme (30°C)		663.254	667.746	663-698	PASS
	Extreme (20°C)		663.258	667.742	663-698	PASS
	Extreme (10°C)		663.251	667.749	663-698	PASS
	Extreme (0°C)		663.255	667.745	663-698	PASS
	Extreme (-10°C)		663.252	667.748	663-698	PASS
	Extreme (-20°C)		663.252	667.748	663-698	PASS
	Extreme (-30°C)		663.255	667.745	663-698	PASS
	25°C	LV	663.250	667.750	663-698	PASS
		HV	663.253	667.747	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
668	BANDWIDTH	10MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	663.522	672.478	663-698	PASS
	Extreme (40°C)		663.514	672.486	663-698	PASS
	Extreme (30°C)		663.527	672.473	663-698	PASS
	Extreme (20°C)		663.517	672.483	663-698	PASS
	Extreme (10°C)		663.526	672.474	663-698	PASS
	Extreme (0°C)		663.525	672.475	663-698	PASS
	Extreme (-10°C)		663.512	672.488	663-698	PASS
	Extreme (-20°C)		663.513	672.487	663-698	PASS
	Extreme (-30°C)		663.518	672.482	663-698	PASS
	25°C	LV	663.518	672.482	663-698	PASS
		HV	663.534	672.466	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
670.5	BANDWIDTH	15MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	663.785	677.215	663-698	PASS
	Extreme (40°C)		663.744	677.256	663-698	PASS
	Extreme (30°C)		663.773	677.227	663-698	PASS
	Extreme (20°C)		663.798	677.202	663-698	PASS
	Extreme (10°C)		663.728	677.272	663-698	PASS

	Extreme (0℃)		663.759	677.241	663-698	PASS
	Extreme (-10℃)		663.752	677.248	663-698	PASS
	Extreme (-20℃)		663.720	677.280	663-698	PASS
	Extreme (-30℃)		663.798	677.202	663-698	PASS
	25℃	LV	663.733	677.267	663-698	PASS
		HV	663.784	677.216	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
673	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	664.048	681.952	663-698	PASS
	Extreme (40℃)		664.048	681.952	663-698	PASS
	Extreme (30℃)		664.047	681.953	663-698	PASS
	Extreme (20℃)		664.048	681.952	663-698	PASS
	Extreme (10℃)		664.048	681.952	663-698	PASS
	Extreme (0℃)		664.046	681.954	663-698	PASS
	Extreme (-10℃)		664.050	681.950	663-698	PASS
	Extreme (-20℃)		664.048	681.952	663-698	PASS
	Extreme (-30℃)		664.046	681.954	663-698	PASS
	25℃	LV	664.048	681.952	663-698	PASS
		HV	664.049	681.951	663-698	PASS

LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
695.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	693.256	697.744	663-698	PASS
	Extreme (40℃)		693.260	697.740	663-698	PASS
	Extreme (30℃)		693.255	697.745	663-698	PASS
	Extreme (20℃)		693.254	697.746	663-698	PASS
	Extreme (10℃)		693.256	697.744	663-698	PASS
	Extreme (0℃)		693.256	697.744	663-698	PASS
	Extreme (-10℃)		693.253	697.747	663-698	PASS
	Extreme (-20℃)		693.257	697.743	663-698	PASS
	Extreme (-30℃)		693.257	697.743	663-698	PASS
	25℃	LV	693.259	697.741	663-698	PASS
		HV	693.250	697.750	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

693	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	688.532	697.468	663-698	PASS
	Extreme (40℃)		688.512	697.488	663-698	PASS
	Extreme (30℃)		688.512	697.488	663-698	PASS
	Extreme (20℃)		688.520	697.480	663-698	PASS
	Extreme (10℃)		688.522	697.478	663-698	PASS
	Extreme (0℃)		688.519	697.481	663-698	PASS
	Extreme (-10℃)		688.517	697.483	663-698	PASS
	Extreme (-20℃)		688.512	697.488	663-698	PASS
	Extreme (-30℃)		688.514	697.486	663-698	PASS
	25℃	LV	688.505	697.495	663-698	PASS
		HV	688.521	697.479	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
690.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	683.746	697.254	663-698	PASS
	Extreme (40℃)		683.706	697.294	663-698	PASS
	Extreme (30℃)		683.762	697.238	663-698	PASS
	Extreme (20℃)		683.753	697.247	663-698	PASS
	Extreme (10℃)		683.783	697.217	663-698	PASS
	Extreme (0℃)		683.757	697.243	663-698	PASS
	Extreme (-10℃)		683.778	697.222	663-698	PASS
	Extreme (-20℃)		683.770	697.230	663-698	PASS
	Extreme (-30℃)		683.769	697.231	663-698	PASS
	25℃	LV	683.724	697.276	663-698	PASS
		HV	683.793	697.207	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
688	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	679.049	696.951	663-698	PASS
	Extreme (40℃)		679.048	696.952	663-698	PASS
	Extreme (30℃)		679.048	696.952	663-698	PASS
	Extreme (20℃)		679.046	696.954	663-698	PASS
	Extreme (10℃)		679.046	696.954	663-698	PASS
	Extreme (0℃)		679.047	696.953	663-698	PASS
	Extreme (-10℃)		679.048	696.952	663-698	PASS

	Extreme (-20°C)		679.050	696.950	663-698	PASS
	Extreme (-30°C)		679.046	696.954	663-698	PASS
	25°C	LV	679.046	696.954	663-698	PASS
		HV	679.047	696.953	663-698	PASS