

Frequency Stability

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
BAND5	Extreme (50°C)	NV	4.42	0.00529	PASS
	Extreme (40°C)		8.21	0.00982	PASS
	Extreme (30°C)		14.50	0.01733	PASS
	Extreme (20°C)		10.01	0.01197	PASS
	Extreme (10°C)		16.97	0.02029	PASS
	Extreme (0°C)		4.47	0.00534	PASS
	Extreme (-10°C)		12.45	0.01488	PASS
	Extreme (-20°C)		5.21	0.00622	PASS
	Extreme (-30°C)		14.67	0.01754	PASS
	25°C	LV	7.08	0.00846	PASS
		HV	5.77	0.00690	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	16.46	0.01968	PASS
	Extreme (40°C)		8.68	0.01038	PASS
	Extreme (30°C)		2.83	0.00338	PASS
	Extreme (20°C)		15.08	0.01803	PASS
	Extreme (10°C)		15.51	0.01854	PASS
	Extreme (0°C)		4.66	0.00557	PASS
	Extreme (-10°C)		11.86	0.01417	PASS
	Extreme (-20°C)		9.69	0.01159	PASS
	Extreme (-30°C)		14.29	0.01708	PASS
	25°C	LV	5.53	0.00661	PASS
		HV	16.83	0.02012	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.82	0.01653	PASS
	Extreme (40°C)		17.12	0.02046	PASS
	Extreme (30°C)		5.98	0.00715	PASS
	Extreme (20°C)		10.34	0.01236	PASS
	Extreme (10°C)		12.07	0.01443	PASS
	Extreme (0°C)		1.79	0.00214	PASS

	Extreme (-10°C)		14.21	0.01698	PASS
	Extreme (-20°C)		17.66	0.02111	PASS
	Extreme (-30°C)		3.61	0.00431	PASS
	25°C	LV	3.64	0.00435	PASS
		HV	12.88	0.01540	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage			
	Extreme (50°C) Extreme (40°C) Extreme (30°C) Extreme (20°C) Extreme (10°C) Extreme (0°C) Extreme (-10°C) Extreme (-20°C) Extreme (-30°C)	NV	8.88	0.01062	PASS
			16.51	0.01974	PASS
			2.99	0.00358	PASS
			15.34	0.01834	PASS
			14.13	0.01690	PASS
			10.12	0.01209	PASS
			11.63	0.01391	PASS
			14.78	0.01767	PASS
			6.64	0.00794	PASS
			4.00	0.00479	PASS
			7.65	0.00915	PASS
	25°C	LV	4.00	0.00479	PASS
		HV	7.65	0.00915	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	Bandwidth	1.4MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.148	1851.252	1850-1910	PASS
	Extreme (40°C)		1850.150	1851.250	1850-1910	PASS
	Extreme (30°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (20°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (10°C)		1850.150	1851.250	1850-1910	PASS
	Extreme (0°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (-10°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (-20°C)		1850.145	1851.255	1850-1910	PASS
	Extreme (-30°C)		1850.149	1851.251	1850-1910	PASS
	25°C	LV	1850.147	1851.253	1850-1910	PASS
		HV	1850.148	1851.252	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	Bandwidth	3MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.146	1852.854	1850-1910	PASS
	Extreme (40°C)		1850.150	1852.850	1850-1910	PASS
	Extreme (30°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (20°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (10°C)		1850.145	1852.855	1850-1910	PASS
	Extreme (0°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (-10°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (-20°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (-30°C)		1850.148	1852.852	1850-1910	PASS
	25°C	LV	1850.148	1852.852	1850-1910	PASS
		HV	1850.148	1852.852	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	Bandwidth	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.226	1854.774	1850-1910	PASS
	Extreme (40°C)		1850.203	1854.797	1850-1910	PASS
	Extreme (30°C)		1850.283	1854.717	1850-1910	PASS
	Extreme (20°C)		1850.248	1854.752	1850-1910	PASS
	Extreme (10°C)		1850.237	1854.763	1850-1910	PASS
	Extreme (0°C)		1850.251	1854.749	1850-1910	PASS

	Extreme (-10℃)			1850.249	1854.751	1850-1910	PASS
	Extreme (-20℃)			1850.224	1854.776	1850-1910	PASS
	Extreme (-30℃)			1850.227	1854.773	1850-1910	PASS
	25℃		LV	1850.264	1854.736	1850-1910	PASS
			HV	1850.253	1854.747	1850-1910	PASS
LTE B2 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	Bandwidth	10MHz					
	Temperature	Voltage	QPSK				
	Extreme (50℃)	NV	1850.510	1859.490	1850-1910	PASS	
	Extreme (40℃)		1850.628	1859.372	1850-1910	PASS	
	Extreme (30℃)		1850.626	1859.374	1850-1910	PASS	
	Extreme (20℃)		1850.514	1859.486	1850-1910	PASS	
	Extreme (10℃)		1850.601	1859.399	1850-1910	PASS	
	Extreme (0℃)		1850.568	1859.432	1850-1910	PASS	
	Extreme (-10℃)		1850.598	1859.402	1850-1910	PASS	
	Extreme (-20℃)		1850.590	1859.410	1850-1910	PASS	
	Extreme (-30℃)		1850.618	1859.382	1850-1910	PASS	
	25℃	LV	1850.638	1859.362	1850-1910	PASS	
		HV	1850.594	1859.406	1850-1910	PASS	
LTE B2 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	Bandwidth	15MHz					
	Temperature	Voltage	QPSK				
	Extreme (50℃)	NV	1850.726	1864.274	1850-1910	PASS	
	Extreme (40℃)		1850.785	1864.215	1850-1910	PASS	
	Extreme (30℃)		1850.775	1864.225	1850-1910	PASS	
	Extreme (20℃)		1850.746	1864.254	1850-1910	PASS	
	Extreme (10℃)		1850.739	1864.261	1850-1910	PASS	
	Extreme (0℃)		1850.713	1864.287	1850-1910	PASS	
	Extreme (-10℃)		1850.723	1864.277	1850-1910	PASS	
	Extreme (-20℃)		1850.790	1864.210	1850-1910	PASS	
	Extreme (-30℃)		1850.734	1864.266	1850-1910	PASS	
	25℃	LV	1850.774	1864.226	1850-1910	PASS	
		HV	1850.706	1864.294	1850-1910	PASS	
LTE B2 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	Bandwidth	20MHz					
	Temperature	Voltage	QPSK				
	Extreme (50℃)	NV	1851.048	1868.952	1850-1910	PASS	
	Extreme (40℃)		1851.013	1868.987	1850-1910	PASS	

	Extreme (30℃)		1851.034	1868.966	1850-1910	PASS
	Extreme (20℃)		1851.036	1868.964	1850-1910	PASS
	Extreme (10℃)		1851.047	1868.953	1850-1910	PASS
	Extreme (0℃)		1851.008	1868.992	1850-1910	PASS
	Extreme (-10℃)		1851.005	1868.995	1850-1910	PASS
	Extreme (-20℃)		1851.040	1868.960	1850-1910	PASS
	Extreme (-30℃)		1851.007	1868.993	1850-1910	PASS
	25℃	LV	1851.006	1868.994	1850-1910	PASS
		HV	1851.040	1868.960	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	Bandwidth	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1908.747	1909.853	1850-1910	PASS
	Extreme (40℃)		1908.747	1909.853	1850-1910	PASS
	Extreme (30℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (20℃)		1908.749	1909.851	1850-1910	PASS
	Extreme (10℃)		1908.750	1909.850	1850-1910	PASS
	Extreme (0℃)		1908.746	1909.854	1850-1910	PASS
	Extreme (-10℃)		1908.745	1909.855	1850-1910	PASS
	Extreme (-20℃)		1908.749	1909.851	1850-1910	PASS
	Extreme (-30℃)		1908.747	1909.853	1850-1910	PASS
	25℃	LV	1908.749	1909.851	1850-1910	PASS
		HV	1908.749	1909.851	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	Bandwidth	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1907.147	1909.853	1850-1910	PASS
	Extreme (40℃)		1907.149	1909.851	1850-1910	PASS
	Extreme (30℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (20℃)		1907.145	1909.855	1850-1910	PASS
	Extreme (10℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (0℃)		1907.150	1909.850	1850-1910	PASS
	Extreme (-10℃)		1907.145	1909.855	1850-1910	PASS
	Extreme (-20℃)		1907.150	1909.850	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°C)	NV	1905.284	1909.716	1850-1910	PASS
	Extreme (40°C)		1905.276	1909.724	1850-1910	PASS
	Extreme (30°C)		1905.291	1909.709	1850-1910	PASS
	Extreme (20°C)		1905.255	1909.745	1850-1910	PASS
	Extreme (10°C)		1905.260	1909.740	1850-1910	PASS
	Extreme (0°C)		1905.267	1909.733	1850-1910	PASS
	Extreme (-10°C)		1905.261	1909.739	1850-1910	PASS
	Extreme (-20°C)		1905.241	1909.759	1850-1910	PASS
	Extreme (-30°C)		1905.213	1909.787	1850-1910	PASS
	25°C	LV	1905.269	1909.731	1850-1910	PASS
		HV	1905.213	1909.787	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	1900.580	1909.420	1850-1910	PASS
	Extreme (40°C)		1900.608	1909.392	1850-1910	PASS
	Extreme (30°C)		1900.531	1909.469	1850-1910	PASS
	Extreme (20°C)		1900.634	1909.366	1850-1910	PASS
	Extreme (10°C)		1900.558	1909.442	1850-1910	PASS
	Extreme (0°C)		1900.631	1909.369	1850-1910	PASS
	Extreme (-10°C)		1900.615	1909.385	1850-1910	PASS
	Extreme (-20°C)		1900.628	1909.372	1850-1910	PASS
	Extreme (-30°C)		1900.625	1909.375	1850-1910	PASS
	25°C	LV	1900.635	1909.365	1850-1910	PASS
		HV	1900.628	1909.372	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	Bandwidth	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1895.797	1909.203	1850-1910	PASS
	Extreme (40°C)		1895.788	1909.212	1850-1910	PASS
	Extreme (30°C)		1895.766	1909.234	1850-1910	PASS
	Extreme (20°C)		1895.794	1909.206	1850-1910	PASS
	Extreme (10°C)		1895.771	1909.229	1850-1910	PASS
	Extreme (0°C)		1895.728	1909.272	1850-1910	PASS
	Extreme (-10°C)		1895.743	1909.257	1850-1910	PASS
	Extreme (-20°C)		1895.782	1909.218	1850-1910	PASS
	Extreme (-30°C)		1895.745	1909.255	1850-1910	PASS

	25°C	LV	1895.759	1909.241	1850-1910	PASS
		HV	1895.706	1909.294	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	Bandwidth	20MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1890.987	1909.013	1850-1910	PASS
	Extreme (40°C)		1890.953	1909.047	1850-1910	PASS
	Extreme (30°C)		1890.980	1909.020	1850-1910	PASS
	Extreme (20°C)		1890.995	1909.005	1850-1910	PASS
	Extreme (10°C)		1890.919	1909.081	1850-1910	PASS
	Extreme (0°C)		1890.963	1909.037	1850-1910	PASS
	Extreme (-10°C)		1890.927	1909.073	1850-1910	PASS
	Extreme (-20°C)		1890.954	1909.046	1850-1910	PASS
	Extreme (-30°C)		1890.921	1909.079	1850-1910	PASS
	25°C	LV	1890.904	1909.096	1850-1910	PASS
		HV	1890.961	1909.039	1850-1910	PASS
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	1710.150	1711.250	1710-1755	PASS
	Extreme (40°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (30°C)		1710.145	1711.255	1710-1755	PASS
	Extreme (20°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (10°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (0°C)		1710.150	1711.250	1710-1755	PASS
	Extreme (-10°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (-20°C)		1710.145	1711.255	1710-1755	PASS
	Extreme (-30°C)		1710.147	1711.253	1710-1755	PASS
	25°C	LV	1710.150	1711.250	1710-1755	PASS
		HV	1710.148	1711.252	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	Bandwidth	3MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.149	1712.851	1710-1755	PASS
	Extreme (40°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (30°C)		1710.150	1712.850	1710-1755	PASS
	Extreme (20°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (10°C)		1710.147	1712.853	1710-1755	PASS

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	Extreme (0℃)		1710.150	1712.850	1710-1755	PASS
	Extreme (-10℃)		1710.148	1712.852	1710-1755	PASS
	Extreme (-20℃)		1710.147	1712.853	1710-1755	PASS
	Extreme (-30℃)		1710.145	1712.855	1710-1755	PASS
	25℃	LV	1710.146	1712.854	1710-1755	PASS
		HV	1710.148	1712.852	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.298	1714.702	1710-1755	PASS
	Extreme (40℃)		1710.258	1714.742	1710-1755	PASS
	Extreme (30℃)		1710.283	1714.717	1710-1755	PASS
	Extreme (20℃)		1710.266	1714.734	1710-1755	PASS
	Extreme (10℃)		1710.243	1714.757	1710-1755	PASS
	Extreme (0℃)		1710.218	1714.782	1710-1755	PASS
	Extreme (-10℃)		1710.284	1714.716	1710-1755	PASS
	Extreme (-20℃)		1710.283	1714.717	1710-1755	PASS
	Extreme (-30℃)		1710.264	1714.736	1710-1755	PASS
	25℃	LV	1710.276	1714.724	1710-1755	PASS
		HV	1710.275	1714.725	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.516	1719.484	1710-1755	PASS
	Extreme (40℃)		1710.558	1719.442	1710-1755	PASS
	Extreme (30℃)		1710.599	1719.401	1710-1755	PASS
	Extreme (20℃)		1710.648	1719.352	1710-1755	PASS
	Extreme (10℃)		1710.574	1719.426	1710-1755	PASS
	Extreme (0℃)		1710.516	1719.484	1710-1755	PASS
	Extreme (-10℃)		1710.578	1719.422	1710-1755	PASS
	Extreme (-20℃)		1710.619	1719.381	1710-1755	PASS
	Extreme (-30℃)		1710.522	1719.478	1710-1755	PASS
	25℃	LV	1710.586	1719.414	1710-1755	PASS
		HV	1710.511	1719.489	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	1710.703	1724.297	1710-1755	PASS

	Extreme (40°C)		1710.727	1724.273	1710-1755	PASS
	Extreme (30°C)		1710.798	1724.202	1710-1755	PASS
	Extreme (20°C)		1710.743	1724.257	1710-1755	PASS
	Extreme (10°C)		1710.776	1724.224	1710-1755	PASS
	Extreme (0°C)		1710.767	1724.233	1710-1755	PASS
	Extreme (-10°C)		1710.797	1724.203	1710-1755	PASS
	Extreme (-20°C)		1710.741	1724.259	1710-1755	PASS
	Extreme (-30°C)		1710.746	1724.254	1710-1755	PASS
	25°C	LV	1710.701	1724.299	1710-1755	PASS
		HV	1710.775	1724.225	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.041	1728.959	1710-1755	PASS
	Extreme (40°C)		1711.020	1728.980	1710-1755	PASS
	Extreme (30°C)		1711.021	1728.979	1710-1755	PASS
	Extreme (20°C)		1711.036	1728.964	1710-1755	PASS
	Extreme (10°C)		1711.004	1728.996	1710-1755	PASS
	Extreme (0°C)		1711.021	1728.979	1710-1755	PASS
	Extreme (-10°C)		1711.039	1728.961	1710-1755	PASS
	Extreme (-20°C)		1711.016	1728.984	1710-1755	PASS
	Extreme (-30°C)		1711.035	1728.965	1710-1755	PASS
	25°C	LV	1711.035	1728.965	1710-1755	PASS
		HV	1711.003	1728.997	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	Bandwidth	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1753.747	1754.853	1710-1755	PASS
	Extreme (40°C)		1753.750	1754.850	1710-1755	PASS
	Extreme (30°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (20°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (0°C)		1753.750	1754.850	1710-1755	PASS
	Extreme (-10°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (-20°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-30°C)		1753.748	1754.852	1710-1755	PASS
	25°C	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°C)	NV	1752.148	1754.852	1710-1755	PASS
	Extreme (40°C)		1752.146	1754.854	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)		1752.148	1754.852	1710-1755	PASS
	Extreme (-10°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (-20°C)		1752.146	1754.854	1710-1755	PASS
	Extreme (-30°C)		1752.150	1754.850	1710-1755	PASS
	25°C	LV	1752.149	1754.851	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°C)	NV	1750.269	1754.731	1710-1755	PASS
	Extreme (40°C)		1750.214	1754.786	1710-1755	PASS
	Extreme (30°C)		1750.219	1754.781	1710-1755	PASS
	Extreme (20°C)		1750.266	1754.734	1710-1755	PASS
	Extreme (10°C)		1750.251	1754.749	1710-1755	PASS
	Extreme (0°C)		1750.213	1754.787	1710-1755	PASS
	Extreme (-10°C)		1750.206	1754.794	1710-1755	PASS
	Extreme (-20°C)		1750.219	1754.781	1710-1755	PASS
	Extreme (-30°C)		1750.263	1754.737	1710-1755	PASS
	25°C	LV	1750.275	1754.725	1710-1755	PASS
		HV	1750.298	1754.702	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	1745.597	1754.403	1710-1755	PASS
	Extreme (40°C)		1745.507	1754.493	1710-1755	PASS
	Extreme (30°C)		1745.595	1754.405	1710-1755	PASS
	Extreme (20°C)		1745.545	1754.455	1710-1755	PASS
	Extreme (10°C)		1745.551	1754.449	1710-1755	PASS
	Extreme (0°C)		1745.520	1754.480	1710-1755	PASS
	Extreme (-10°C)		1745.553	1754.447	1710-1755	PASS
	Extreme (-20°C)		1745.647	1754.353	1710-1755	PASS
	Extreme (-30°C)		1745.546	1754.454	1710-1755	PASS

	25°C	LV	1745.568	1754.432	1710-1755	PASS
		HV	1745.622	1754.378	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	1740.765	1754.235	1710-1755	PASS
	Extreme (40°C)		1740.715	1754.285	1710-1755	PASS
	Extreme (30°C)		1740.781	1754.219	1710-1755	PASS
	Extreme (20°C)		1740.785	1754.215	1710-1755	PASS
	Extreme (10°C)		1740.763	1754.237	1710-1755	PASS
	Extreme (0°C)		1740.721	1754.279	1710-1755	PASS
	Extreme (-10°C)		1740.781	1754.219	1710-1755	PASS
	Extreme (-20°C)		1740.785	1754.215	1710-1755	PASS
	Extreme (-30°C)		1740.724	1754.276	1710-1755	PASS
	25°C	LV	1740.749	1754.251	1710-1755	PASS
		HV	1740.799	1754.201	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	1735.908	1754.092	1710-1755	PASS
	Extreme (40°C)		1735.953	1754.047	1710-1755	PASS
	Extreme (30°C)		1735.982	1754.018	1710-1755	PASS
	Extreme (20°C)		1735.978	1754.022	1710-1755	PASS
	Extreme (10°C)		1735.945	1754.055	1710-1755	PASS
	Extreme (0°C)		1735.985	1754.015	1710-1755	PASS
	Extreme (-10°C)		1735.949	1754.051	1710-1755	PASS
	Extreme (-20°C)		1735.964	1754.036	1710-1755	PASS
	Extreme (-30°C)		1735.932	1754.068	1710-1755	PASS
	25°C	LV	1735.957	1754.043	1710-1755	PASS
		HV	1735.905	1754.095	1710-1755	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2500.297	2504.703	2500-2570	PASS
	Extreme (40°C)		2500.258	2504.742	2500-2570	PASS
	Extreme (30°C)		2500.237	2504.763	2500-2570	PASS
	Extreme (20°C)		2500.288	2504.712	2500-2570	PASS
	Extreme (10°C)		2500.290	2504.710	2500-2570	PASS

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	Extreme (0℃)		2500.277	2504.723	2500-2570	PASS
	Extreme (-10℃)		2500.286	2504.714	2500-2570	PASS
	Extreme (-20℃)		2500.293	2504.707	2500-2570	PASS
	Extreme (-30℃)		2500.237	2504.763	2500-2570	PASS
	25℃	LV	2500.300	2504.700	2500-2570	PASS
		HV	2500.249	2504.751	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	2500.644	2509.356	2500-2570	PASS
	Extreme (40℃)		2500.617	2509.383	2500-2570	PASS
	Extreme (30℃)		2500.567	2509.433	2500-2570	PASS
	Extreme (20℃)		2500.563	2509.437	2500-2570	PASS
	Extreme (10℃)		2500.593	2509.407	2500-2570	PASS
	Extreme (0℃)		2500.531	2509.469	2500-2570	PASS
	Extreme (-10℃)		2500.632	2509.368	2500-2570	PASS
	Extreme (-20℃)		2500.575	2509.425	2500-2570	PASS
	Extreme (-30℃)		2500.609	2509.391	2500-2570	PASS
	25℃	LV	2500.563	2509.437	2500-2570	PASS
		HV	2500.572	2509.428	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	2500.754	2514.246	2500-2570	PASS
	Extreme (40℃)		2500.735	2514.265	2500-2570	PASS
	Extreme (30℃)		2500.779	2514.221	2500-2570	PASS
	Extreme (20℃)		2500.702	2514.298	2500-2570	PASS
	Extreme (10℃)		2500.742	2514.258	2500-2570	PASS
	Extreme (0℃)		2500.761	2514.239	2500-2570	PASS
	Extreme (-10℃)		2500.727	2514.273	2500-2570	PASS
	Extreme (-20℃)		2500.773	2514.227	2500-2570	PASS
	Extreme (-30℃)		2500.758	2514.242	2500-2570	PASS
	25℃	LV	2500.709	2514.291	2500-2570	PASS
		HV	2500.764	2514.236	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	2501.023	2518.977	2500-2570	PASS

	Extreme (40°C)		2501.046	2518.954	2500-2570	PASS
	Extreme (30°C)		2501.033	2518.967	2500-2570	PASS
	Extreme (20°C)		2501.042	2518.958	2500-2570	PASS
	Extreme (10°C)		2501.039	2518.961	2500-2570	PASS
	Extreme (0°C)		2501.024	2518.976	2500-2570	PASS
	Extreme (-10°C)		2501.030	2518.970	2500-2570	PASS
	Extreme (-20°C)		2501.012	2518.988	2500-2570	PASS
	Extreme (-30°C)		2501.015	2518.985	2500-2570	PASS
	25°C	LV	2501.027	2518.973	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2565.297	2569.703	2500-2570	PASS
	Extreme (40°C)		2565.232	2569.768	2500-2570	PASS
	Extreme (30°C)		2565.250	2569.750	2500-2570	PASS
	Extreme (20°C)		2565.237	2569.763	2500-2570	PASS
	Extreme (10°C)		2565.243	2569.757	2500-2570	PASS
	Extreme (0°C)		2565.201	2569.799	2500-2570	PASS
	Extreme (-10°C)		2565.299	2569.701	2500-2570	PASS
	Extreme (-20°C)		2565.245	2569.755	2500-2570	PASS
	Extreme (-30°C)		2565.242	2569.758	2500-2570	PASS
	25°C	LV	2565.252	2569.748	2500-2570	PASS
		HV	2565.205	2569.795	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	Bandwidth	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2560.609	2569.391	2500-2570	PASS
	Extreme (40°C)		2560.530	2569.470	2500-2570	PASS
	Extreme (30°C)		2560.532	2569.468	2500-2570	PASS
	Extreme (20°C)		2560.635	2569.365	2500-2570	PASS
	Extreme (10°C)		2560.576	2569.424	2500-2570	PASS
	Extreme (0°C)		2560.622	2569.378	2500-2570	PASS
	Extreme (-10°C)		2560.641	2569.359	2500-2570	PASS
	Extreme (-20°C)		2560.568	2569.432	2500-2570	PASS
	Extreme (-30°C)		2560.505	2569.495	2500-2570	PASS
	25°C	LV	2560.535	2569.465	2500-2570	PASS
		HV	2560.547	2569.453	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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2562.5	Bandwidth	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2555.795	2569.205	2500-2570	PASS
	Extreme (40℃)		2555.718	2569.282	2500-2570	PASS
	Extreme (30℃)		2555.709	2569.291	2500-2570	PASS
	Extreme (20℃)		2555.773	2569.227	2500-2570	PASS
	Extreme (10℃)		2555.780	2569.220	2500-2570	PASS
	Extreme (0℃)		2555.702	2569.298	2500-2570	PASS
	Extreme (-10℃)		2555.760	2569.240	2500-2570	PASS
	Extreme (-20℃)		2555.703	2569.297	2500-2570	PASS
	Extreme (-30℃)		2555.792	2569.208	2500-2570	PASS
	25℃	LV	2555.739	2569.261	2500-2570	PASS
		HV	2555.725	2569.275	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2560	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2550.928	2569.072	2500-2570	PASS
	Extreme (40℃)		2550.915	2569.085	2500-2570	PASS
	Extreme (30℃)		2550.948	2569.052	2500-2570	PASS
	Extreme (20℃)		2550.925	2569.075	2500-2570	PASS
	Extreme (10℃)		2550.972	2569.028	2500-2570	PASS
	Extreme (0℃)		2550.908	2569.092	2500-2570	PASS
	Extreme (-10℃)		2550.990	2569.010	2500-2570	PASS
	Extreme (-20℃)		2550.980	2569.020	2500-2570	PASS
	Extreme (-30℃)		2550.961	2569.039	2500-2570	PASS
	25℃	LV	2550.970	2569.030	2500-2570	PASS
		HV	2550.951	2569.049	2500-2570	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℃)	NV	1710.145	1711.255	1710-1780	PASS
	Extreme (40℃)		1710.147	1711.253	1710-1780	PASS
	Extreme (30℃)		1710.148	1711.252	1710-1780	PASS
	Extreme (20℃)		1710.146	1711.254	1710-1780	PASS
	Extreme (10℃)		1710.147	1711.253	1710-1780	PASS
	Extreme (0℃)		1710.145	1711.255	1710-1780	PASS
	Extreme (-10℃)		1710.146	1711.254	1710-1780	PASS
	Extreme (-20℃)		1710.147	1711.253	1710-1780	PASS

	Extreme (-30°C)		1710.145	1711.255	1710-1780	PASS
	25°C	LV	1710.149	1711.251	1710-1780	PASS
		HV	1710.147	1711.253	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	1710.149	1712.851	1710-1780	PASS
	Extreme (40°C)		1710.148	1712.852	1710-1780	PASS
	Extreme (30°C)		1710.147	1712.853	1710-1780	PASS
	Extreme (20°C)		1710.147	1712.853	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°C)		1710.145	1712.855	1710-1780	PASS
	Extreme (-20°C)		1710.150	1712.850	1710-1780	PASS
	Extreme (-30°C)		1710.150	1712.850	1710-1780	PASS
	25°C	LV	1710.149	1712.851	1710-1780	PASS
		HV	1710.148	1712.852	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°C)	NV	1710.297	1714.703	1710-1780	PASS
	Extreme (40°C)		1710.266	1714.734	1710-1780	PASS
	Extreme (30°C)		1710.285	1714.715	1710-1780	PASS
	Extreme (20°C)		1710.203	1714.797	1710-1780	PASS
	Extreme (10°C)		1710.252	1714.748	1710-1780	PASS
	Extreme (0°C)		1710.276	1714.724	1710-1780	PASS
	Extreme (-10°C)		1710.236	1714.764	1710-1780	PASS
	Extreme (-20°C)		1710.225	1714.775	1710-1780	PASS
	Extreme (-30°C)		1710.297	1714.703	1710-1780	PASS
	25°C	LV	1710.293	1714.707	1710-1780	PASS
		HV	1710.291	1714.709	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°C)	NV	1710.602	1719.398	1710-1780	PASS

	Extreme (40℃)		1710.526	1719.474	1710-1780	PASS
	Extreme (30℃)		1710.508	1719.492	1710-1780	PASS
	Extreme (20℃)		1710.626	1719.374	1710-1780	PASS
	Extreme (10℃)		1710.504	1719.496	1710-1780	PASS
	Extreme (0℃)		1710.561	1719.439	1710-1780	PASS
	Extreme (-10℃)		1710.632	1719.368	1710-1780	PASS
	Extreme (-20℃)		1710.630	1719.370	1710-1780	PASS
	Extreme (-30℃)		1710.541	1719.459	1710-1780	PASS
	25℃	LV	1710.532	1719.468	1710-1780	PASS
		HV	1710.638	1719.362	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	Bandwidth	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.790	1724.210	1710-1780	PASS
	Extreme (40℃)		1710.737	1724.263	1710-1780	PASS
	Extreme (30℃)		1710.732	1724.268	1710-1780	PASS
	Extreme (20℃)		1710.709	1724.291	1710-1780	PASS
	Extreme (10℃)		1710.713	1724.287	1710-1780	PASS
	Extreme (0℃)		1710.725	1724.275	1710-1780	PASS
	Extreme (-10℃)		1710.790	1724.210	1710-1780	PASS
	Extreme (-20℃)		1710.757	1724.243	1710-1780	PASS
	Extreme (-30℃)		1710.750	1724.250	1710-1780	PASS
	25℃	LV	1710.713	1724.287	1710-1780	PASS
		HV	1710.788	1724.212	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1711.028	1728.972	1710-1780	PASS
	Extreme (40℃)		1711.047	1728.953	1710-1780	PASS
	Extreme (30℃)		1711.023	1728.977	1710-1780	PASS
	Extreme (20℃)		1711.017	1728.983	1710-1780	PASS
	Extreme (10℃)		1711.025	1728.975	1710-1780	PASS
	Extreme (0℃)		1711.012	1728.988	1710-1780	PASS
	Extreme (-10℃)		1711.008	1728.992	1710-1780	PASS
	Extreme (-20℃)		1711.032	1728.968	1710-1780	PASS
	Extreme (-30℃)		1711.046	1728.954	1710-1780	PASS
	25℃	LV	1711.035	1728.965	1710-1780	PASS
		HV	1711.002	1728.998	1710-1780	PASS

LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1779.3	Bandwidth	1.4MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1778.745	1779.855	1710-1780	PASS
	Extreme (40°C)		1778.750	1779.850	1710-1780	PASS
	Extreme (30°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (20°C)		1778.749	1779.851	1710-1780	PASS
	Extreme (10°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (0°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (-10°C)		1778.750	1779.850	1710-1780	PASS
	Extreme (-20°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (-30°C)		1778.747	1779.853	1710-1780	PASS
	25°C	LV	1778.745	1779.855	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	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1777.149	1779.851	1710-1780	PASS
	Extreme (40°C)		1777.148	1779.852	1710-1780	PASS
	Extreme (30°C)		1777.147	1779.853	1710-1780	PASS
	Extreme (20°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (10°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (0°C)		1777.150	1779.850	1710-1780	PASS
	Extreme (-10°C)		1777.147	1779.853	1710-1780	PASS
	Extreme (-20°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (-30°C)		1777.148	1779.852	1710-1780	PASS
	25°C	LV	1777.149	1779.851	1710-1780	PASS
		HV	1777.149	1779.851	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1777.5	Bandwidth	5MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1775.217	1779.783	1710-1780	PASS
	Extreme (40°C)		1775.243	1779.757	1710-1780	PASS
	Extreme (30°C)		1775.271	1779.729	1710-1780	PASS
	Extreme (20°C)		1775.232	1779.768	1710-1780	PASS

	Extreme (10°C)		1775.213	1779.787	1710-1780	PASS
	Extreme (0°C)		1775.206	1779.794	1710-1780	PASS
	Extreme (-10°C)		1775.226	1779.774	1710-1780	PASS
	Extreme (-20°C)		1775.250	1779.750	1710-1780	PASS
	Extreme (-30°C)		1775.285	1779.715	1710-1780	PASS
	25°C	LV	1775.267	1779.733	1710-1780	PASS
		HV	1775.249	1779.751	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	Bandwidth	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1770.551	1779.449	1710-1780	PASS
	Extreme (40°C)		1770.601	1779.399	1710-1780	PASS
	Extreme (30°C)		1770.520	1779.480	1710-1780	PASS
	Extreme (20°C)		1770.591	1779.409	1710-1780	PASS
	Extreme (10°C)		1770.539	1779.461	1710-1780	PASS
	Extreme (0°C)		1770.569	1779.431	1710-1780	PASS
	Extreme (-10°C)		1770.551	1779.449	1710-1780	PASS
	Extreme (-20°C)		1770.523	1779.477	1710-1780	PASS
	Extreme (-30°C)		1770.582	1779.418	1710-1780	PASS
	25°C	LV	1770.527	1779.473	1710-1780	PASS
		HV	1770.523	1779.477	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	1765.764	1779.236	1710-1780	PASS
	Extreme (40°C)		1765.771	1779.229	1710-1780	PASS
	Extreme (30°C)		1765.798	1779.202	1710-1780	PASS
	Extreme (20°C)		1765.745	1779.255	1710-1780	PASS
	Extreme (10°C)		1765.753	1779.247	1710-1780	PASS
	Extreme (0°C)		1765.791	1779.209	1710-1780	PASS
	Extreme (-10°C)		1765.751	1779.249	1710-1780	PASS
	Extreme (-20°C)		1765.732	1779.268	1710-1780	PASS
	Extreme (-30°C)		1765.723	1779.277	1710-1780	PASS
	25°C	LV	1765.799	1779.201	1710-1780	PASS
		HV	1765.769	1779.231	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1770	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1760.966	1779.034	1710-1780	PASS
	Extreme (40°C)		1760.920	1779.080	1710-1780	PASS
	Extreme (30°C)		1760.963	1779.037	1710-1780	PASS
	Extreme (20°C)		1760.920	1779.080	1710-1780	PASS
	Extreme (10°C)		1760.933	1779.067	1710-1780	PASS
	Extreme (0°C)		1760.955	1779.045	1710-1780	PASS
	Extreme (-10°C)		1760.968	1779.032	1710-1780	PASS
	Extreme (-20°C)		1760.991	1779.009	1710-1780	PASS
	Extreme (-30°C)		1760.942	1779.058	1710-1780	PASS
	25°C	LV	1760.980	1779.020	1710-1780	PASS
		HV	1760.998	1779.002	1710-1780	PASS