

Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50°C)	NV	9.65	0.01153	PASS
	Extreme (40°C)		9.00	0.01076	PASS
	Extreme (30°C)		15.28	0.01826	PASS
	Extreme (20°C)		10.57	0.01264	PASS
	Extreme (10°C)		12.93	0.01546	PASS
	Extreme (0°C)		1.38	0.00164	PASS
	Extreme (-10°C)		5.44	0.00650	PASS
	Extreme (-20°C)		8.14	0.00973	PASS
	Extreme (-30°C)		14.32	0.01712	PASS
	25°C	LV	8.42	0.01007	PASS
		HV	16.92	0.02023	PASS
WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	16.14	0.01929	PASS
	Extreme (40°C)		12.99	0.01552	PASS
	Extreme (30°C)		17.01	0.02033	PASS
	Extreme (20°C)		10.32	0.01234	PASS
	Extreme (10°C)		14.99	0.01792	PASS
	Extreme (0°C)		6.66	0.00797	PASS
	Extreme (-10°C)		6.97	0.00833	PASS
	Extreme (-20°C)		13.31	0.01591	PASS
	Extreme (-30°C)		16.70	0.01996	PASS
	25°C	LV	11.54	0.01379	PASS
		HV	2.17	0.00259	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.67	0.00797	PASS
	Extreme (40°C)		7.71	0.00921	PASS
	Extreme (30°C)		6.89	0.00823	PASS
	Extreme (20°C)		12.29	0.01469	PASS
	Extreme (10°C)		3.93	0.00470	PASS
	Extreme (0°C)		13.75	0.01644	PASS
	Extreme (-10°C)		1.01	0.00121	PASS
	Extreme (-20°C)		11.23	0.01343	PASS
	Extreme (-30°C)		13.40	0.01602	PASS
	25°C	LV	15.01	0.01794	PASS
		HV	15.88	0.01898	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	2.93	0.00350	PASS
	Extreme (40°C)		13.52	0.01616	PASS
	Extreme (30°C)		12.99	0.01553	PASS
	Extreme (20°C)		13.34	0.01594	PASS
	Extreme (10°C)		12.66	0.01514	PASS
	Extreme (0°C)		5.28	0.00631	PASS
	Extreme (-10°C)		5.60	0.00669	PASS
	Extreme (-20°C)		8.98	0.01074	PASS
	Extreme (-30°C)		13.86	0.01656	PASS
	25°C	LV	4.86	0.00580	PASS
		HV	1.66	0.00199	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.86	0.02135	PASS
	Extreme (40°C)		12.48	0.01492	PASS
	Extreme (30°C)		7.82	0.00935	PASS
	Extreme (20°C)		2.92	0.00349	PASS
	Extreme (10°C)		6.15	0.00735	PASS

	Extreme (0°C)		13.84	0.01654	PASS
	Extreme (-10°C)		8.77	0.01048	PASS
	Extreme (-20°C)		11.91	0.01424	PASS
	Extreme (-30°C)		17.48	0.02090	PASS
	25°C	LV	15.13	0.01808	PASS
		HV	11.11	0.01328	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.96	0.00951	PASS
	Extreme (40°C)		7.46	0.00892	PASS
	Extreme (30°C)		6.39	0.00764	PASS
	Extreme (20°C)		11.94	0.01428	PASS
	Extreme (10°C)		15.66	0.01872	PASS
	Extreme (0°C)		7.38	0.00882	PASS
	Extreme (-10°C)		13.05	0.01560	PASS
	Extreme (-20°C)		5.23	0.00625	PASS
	Extreme (-30°C)		17.51	0.02094	PASS
	25°C	LV	16.56	0.01979	PASS
		HV	13.48	0.01612	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.11	0.00850	PASS
	Extreme (40°C)		12.49	0.01493	PASS
	Extreme (30°C)		15.11	0.01806	PASS
	Extreme (20°C)		3.24	0.00388	PASS
	Extreme (10°C)		14.57	0.01742	PASS
	Extreme (0°C)		14.37	0.01718	PASS
	Extreme (-10°C)		3.58	0.00428	PASS
	Extreme (-20°C)		6.91	0.00826	PASS
	Extreme (-30°C)		15.18	0.01814	PASS
	25°C	LV	11.60	0.01386	PASS
		HV	9.93	0.01188	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme (50°C)	NV	5.76	0.00688	PASS
	Extreme (40°C)		1.75	0.00209	PASS
	Extreme (30°C)		5.38	0.00643	PASS
	Extreme (20°C)		14.82	0.01771	PASS
	Extreme (10°C)		16.18	0.01935	PASS
	Extreme (0°C)		7.80	0.00933	PASS
	Extreme (-10°C)		11.42	0.01365	PASS
	Extreme (-20°C)		4.18	0.00499	PASS
	Extreme (-30°C)		1.93	0.00231	PASS
	25°C	LV	3.14	0.00375	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	17.38	0.02078	PASS
	Extreme (40°C)		6.51	0.00778	PASS
	Extreme (30°C)		7.19	0.00860	PASS
	Extreme (20°C)		11.46	0.01370	PASS
	Extreme (10°C)		10.16	0.01214	PASS
	Extreme (0°C)		1.26	0.00150	PASS
	Extreme (-10°C)		15.75	0.01883	PASS
	Extreme (-20°C)		10.85	0.01297	PASS
	Extreme (-30°C)		16.27	0.01945	PASS
	25°C	LV	16.17	0.01933	PASS
		HV	3.99	0.00477	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	17.99	0.02150	PASS
	Extreme (40°C)		17.21	0.02057	PASS
	Extreme (30°C)		16.93	0.02024	PASS
	Extreme (20°C)		2.78	0.00332	PASS
	Extreme (10°C)		5.43	0.00649	PASS
	Extreme (0°C)		5.41	0.00647	PASS
	Extreme (-10°C)		6.01	0.00719	PASS
	Extreme (-20°C)		7.91	0.00945	PASS
	Extreme (-30°C)		17.33	0.02072	PASS
	25°C	LV	1.04	0.00124	PASS
		HV	11.83	0.01414	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	15.31	0.01831	PASS
	Extreme (40°C)		6.74	0.00806	PASS
	Extreme (30°C)		8.02	0.00959	PASS
	Extreme (20°C)		12.90	0.01543	PASS
	Extreme (10°C)		12.78	0.01528	PASS
	Extreme (0°C)		10.33	0.01235	PASS
	Extreme (-10°C)		10.11	0.01208	PASS
	Extreme (-20°C)		16.93	0.02024	PASS
	Extreme (-30°C)		3.12	0.00373	PASS
	25°C	LV	3.06	0.00366	PASS
		HV	8.32	0.00995	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.98	0.00242	PASS
	Extreme (40°C)		4.01	0.00490	PASS
	Extreme (30°C)		6.67	0.00814	PASS
	Extreme (20°C)		12.64	0.01543	PASS
	Extreme (10°C)		17.51	0.02137	PASS
	Extreme (0°C)		16.92	0.02065	PASS
	Extreme (-10°C)		9.40	0.01147	PASS
	Extreme (-20°C)		5.36	0.00654	PASS
	Extreme (-30°C)		3.43	0.00419	PASS
	25°C	LV	2.35	0.00287	PASS
		HV	13.35	0.01630	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.94	0.01213	PASS
	Extreme (40°C)		1.91	0.00234	PASS
	Extreme (30°C)		14.70	0.01795	PASS
	Extreme (20°C)		11.56	0.01411	PASS
	Extreme (10°C)		17.89	0.02184	PASS
	Extreme (0°C)		14.36	0.01753	PASS

	Extreme (-10°C)		17.58	0.02146	PASS
	Extreme (-20°C)		10.62	0.01297	PASS
	Extreme (-30°C)		10.82	0.01321	PASS
	25°C	LV	13.49	0.01647	PASS
		HV	4.43	0.00540	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	17.76	0.02169	PASS
	Extreme (40°C)		10.32	0.01261	PASS
	Extreme (30°C)		10.55	0.01288	PASS
	Extreme (20°C)		6.12	0.00747	PASS
	Extreme (10°C)		13.00	0.01587	PASS
	Extreme (0°C)		5.10	0.00622	PASS
	Extreme (-10°C)		13.06	0.01595	PASS
	Extreme (-20°C)		15.39	0.01879	PASS
	Extreme (-30°C)		8.24	0.01006	PASS
	25°C	LV	7.66	0.00935	PASS
		HV	13.60	0.01660	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	10.34	0.01262	PASS
	Extreme (40°C)		10.34	0.01263	PASS
	Extreme (30°C)		2.66	0.00324	PASS
	Extreme (20°C)		8.15	0.00995	PASS
	Extreme (10°C)		6.62	0.00808	PASS
	Extreme (0°C)		14.31	0.01747	PASS
	Extreme (-10°C)		6.86	0.00837	PASS
	Extreme (-20°C)		15.01	0.01833	PASS
	Extreme (-30°C)		6.35	0.00776	PASS
	25°C	LV	2.33	0.00284	PASS
		HV	6.89	0.00842	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	BANDWIDTH	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.073	1850.327	1850-1910	PASS
	Extreme (40°C)		1850.072	1850.328	1850-1910	PASS
	Extreme (30°C)		1850.062	1850.338	1850-1910	PASS
	Extreme (20°C)		1850.079	1850.321	1850-1910	PASS
	Extreme (10°C)		1850.079	1850.321	1850-1910	PASS
	Extreme (0°C)		1850.072	1850.328	1850-1910	PASS
	Extreme (-10°C)		1850.072	1850.328	1850-1910	PASS
	Extreme (-20°C)		1850.072	1850.328	1850-1910	PASS
	Extreme (-30°C)		1850.069	1850.331	1850-1910	PASS
	25°C	LV	1850.077	1850.323	1850-1910	PASS
		HV	1850.078	1850.322	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.8	BANDWIDTH	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1909.679	1909.921	1850-1910	PASS
	Extreme (40°C)		1909.670	1909.930	1850-1910	PASS
	Extreme (30°C)		1909.661	1909.939	1850-1910	PASS
	Extreme (20°C)		1909.663	1909.937	1850-1910	PASS
	Extreme (10°C)		1909.665	1909.935	1850-1910	PASS
	Extreme (0°C)		1909.663	1909.937	1850-1910	PASS
	Extreme (-10°C)		1909.675	1909.925	1850-1910	PASS
	Extreme (-20°C)		1909.675	1909.925	1850-1910	PASS
	Extreme (-30°C)		1909.665	1909.935	1850-1910	PASS
	25°C	LV	1909.670	1909.930	1850-1910	PASS
		HV	1909.664	1909.936	1850-1910	PASS

WCDM A B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.328	1854.472	1850-1910	PASS
	Extreme (40°C)		1850.319	1854.481	1850-1910	PASS
	Extreme (30°C)		1850.316	1854.484	1850-1910	PASS
	Extreme (20°C)		1850.324	1854.476	1850-1910	PASS
	Extreme (10°C)		1850.322	1854.478	1850-1910	PASS
	Extreme (0°C)		1850.326	1854.474	1850-1910	PASS
	Extreme (-10°C)		1850.326	1854.474	1850-1910	PASS
	Extreme (-20°C)		1850.330	1854.470	1850-1910	PASS
	Extreme (-30°C)		1850.325	1854.475	1850-1910	PASS
	25°C	LV	1850.316	1854.484	1850-1910	PASS
		HV	1850.327	1854.473	1850-1910	PASS
WCDM A B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.525	1909.675	1850-1910	PASS
	Extreme (40°C)		1905.529	1909.671	1850-1910	PASS
	Extreme (30°C)		1905.520	1909.680	1850-1910	PASS
	Extreme (20°C)		1905.521	1909.679	1850-1910	PASS
	Extreme (10°C)		1905.529	1909.671	1850-1910	PASS
	Extreme (0°C)		1905.530	1909.670	1850-1910	PASS
	Extreme (-10°C)		1905.525	1909.675	1850-1910	PASS
	Extreme (-20°C)		1905.526	1909.674	1850-1910	PASS
	Extreme (-30°C)		1905.528	1909.672	1850-1910	PASS
	25°C	LV	1905.517	1909.683	1850-1910	PASS
		HV	1905.529	1909.671	1850-1910	PASS
WCDM A 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	1710.325	1714.475	1710-1755	PASS
	Extreme (40°C)		1710.327	1714.473	1710-1755	PASS

	Extreme (30°C)		1710.329	1714.471	1710-1755	PASS
	Extreme (20°C)		1710.318	1714.482	1710-1755	PASS
	Extreme (10°C)		1710.321	1714.479	1710-1755	PASS
	Extreme (0°C)		1710.326	1714.474	1710-1755	PASS
	Extreme (-10°C)		1710.320	1714.480	1710-1755	PASS
	Extreme (-20°C)		1710.318	1714.482	1710-1755	PASS
	Extreme (-30°C)		1710.328	1714.472	1710-1755	PASS
	25°C	LV	1710.327	1714.473	1710-1755	PASS
		HV	1710.324	1714.476	1710-1755	PASS
WCDM A B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.524	1754.676	1710-1755	PASS
	Extreme (40°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (30°C)		1750.521	1754.679	1710-1755	PASS
	Extreme (20°C)		1750.516	1754.684	1710-1755	PASS
	Extreme (10°C)		1750.529	1754.671	1710-1755	PASS
	Extreme (0°C)		1750.526	1754.674	1710-1755	PASS
	Extreme (-10°C)		1750.530	1754.670	1710-1755	PASS
	Extreme (-20°C)		1750.523	1754.677	1710-1755	PASS
	Extreme (-30°C)		1750.518	1754.682	1710-1755	PASS
	25°C	LV	1750.529	1754.671	1710-1755	PASS
		HV	1750.523	1754.677	1710-1755	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	1850.150	1851.250	1850-1910	PASS
	Extreme (40°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (30°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (20°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (10°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (0°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (-10°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (-20°C)		1850.149	1851.251	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	1850.149	1852.851	1850-1910	PASS
	Extreme (40°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (30°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (20°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (10°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (0°C)		1850.145	1852.855	1850-1910	PASS
	Extreme (-10°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (-20°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (-30°C)		1850.147	1852.853	1850-1910	PASS
	25°C	LV	1850.149	1852.851	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	1850.270	1854.730	1850-1910	PASS
	Extreme (40°C)		1850.274	1854.726	1850-1910	PASS
	Extreme (30°C)		1850.283	1854.717	1850-1910	PASS
	Extreme (20°C)		1850.245	1854.755	1850-1910	PASS
	Extreme (10°C)		1850.267	1854.733	1850-1910	PASS
	Extreme (0°C)		1850.252	1854.748	1850-1910	PASS

	Extreme (-10°C)		1850.252	1854.748	1850-1910	PASS
	Extreme (-20°C)		1850.236	1854.764	1850-1910	PASS
	Extreme (-30°C)		1850.218	1854.782	1850-1910	PASS
	25°C	LV	1850.236	1854.764	1850-1910	PASS
		HV	1850.269	1854.731	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.599	1859.401	1850-1910	PASS
	Extreme (40°C)		1850.581	1859.419	1850-1910	PASS
	Extreme (30°C)		1850.530	1859.470	1850-1910	PASS
	Extreme (20°C)		1850.502	1859.498	1850-1910	PASS
	Extreme (10°C)		1850.638	1859.362	1850-1910	PASS
	Extreme (0°C)		1850.599	1859.401	1850-1910	PASS
	Extreme (-10°C)		1850.513	1859.487	1850-1910	PASS
	Extreme (-20°C)		1850.573	1859.427	1850-1910	PASS
	Extreme (-30°C)		1850.620	1859.380	1850-1910	PASS
	25°C	LV	1850.511	1859.489	1850-1910	PASS
		HV	1850.562	1859.438	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.773	1864.227	1850-1910	PASS
	Extreme (40°C)		1850.704	1864.296	1850-1910	PASS
	Extreme (30°C)		1850.734	1864.266	1850-1910	PASS
	Extreme (20°C)		1850.791	1864.209	1850-1910	PASS
	Extreme (10°C)		1850.701	1864.299	1850-1910	PASS
	Extreme (0°C)		1850.736	1864.264	1850-1910	PASS
	Extreme (-10°C)		1850.753	1864.247	1850-1910	PASS
	Extreme (-20°C)		1850.769	1864.231	1850-1910	PASS
	Extreme (-30°C)		1850.754	1864.246	1850-1910	PASS
	25°C	LV	1850.719	1864.281	1850-1910	PASS
		HV	1850.725	1864.275	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1851.040	1868.960	1850-1910	PASS
	Extreme (40°C)		1851.023	1868.977	1850-1910	PASS

	Extreme (30℃)		1851.050	1868.950	1850-1910	PASS
	Extreme (20℃)		1851.032	1868.968	1850-1910	PASS
	Extreme (10℃)		1851.050	1868.950	1850-1910	PASS
	Extreme (0℃)		1851.015	1868.985	1850-1910	PASS
	Extreme (-10℃)		1851.015	1868.985	1850-1910	PASS
	Extreme (-20℃)		1851.022	1868.978	1850-1910	PASS
	Extreme (-30℃)		1851.028	1868.972	1850-1910	PASS
	25℃	LV	1851.039	1868.961	1850-1910	PASS
HV		1851.049	1868.951	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	1908.748	1909.852	1850-1910	PASS
	Extreme (40℃)		1908.746	1909.854	1850-1910	PASS
	Extreme (30℃)		1908.747	1909.853	1850-1910	PASS
	Extreme (20℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (10℃)		1908.747	1909.853	1850-1910	PASS
	Extreme (0℃)		1908.746	1909.854	1850-1910	PASS
	Extreme (-10℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (-20℃)		1908.749	1909.851	1850-1910	PASS
	Extreme (-30℃)		1908.745	1909.855	1850-1910	PASS
	25℃	LV	1908.748	1909.852	1850-1910	PASS
		HV	1908.747	1909.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1907.149	1909.851	1850-1910	PASS
	Extreme (40℃)		1907.149	1909.851	1850-1910	PASS
	Extreme (30℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (20℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (10℃)		1907.150	1909.850	1850-1910	PASS
	Extreme (0℃)		1907.147	1909.853	1850-1910	PASS
	Extreme (-10℃)		1907.147	1909.853	1850-1910	PASS
	Extreme (-20℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (-30℃)		1907.148	1909.852	1850-1910	PASS
	25℃	LV	1907.150	1909.850	1850-1910	PASS
		HV	1907.146	1909.854	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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1907.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1905.225	1909.775	1850-1910	PASS
	Extreme (40°C)		1905.267	1909.733	1850-1910	PASS
	Extreme (30°C)		1905.263	1909.737	1850-1910	PASS
	Extreme (20°C)		1905.293	1909.707	1850-1910	PASS
	Extreme (10°C)		1905.211	1909.789	1850-1910	PASS
	Extreme (0°C)		1905.219	1909.781	1850-1910	PASS
	Extreme (-10°C)		1905.283	1909.717	1850-1910	PASS
	Extreme (-20°C)		1905.281	1909.719	1850-1910	PASS
	Extreme (-30°C)		1905.268	1909.732	1850-1910	PASS
	25°C	LV	1905.252	1909.748	1850-1910	PASS
		HV	1905.244	1909.756	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	1900.611	1909.389	1850-1910	PASS
	Extreme (40°C)		1900.568	1909.432	1850-1910	PASS
	Extreme (30°C)		1900.583	1909.417	1850-1910	PASS
	Extreme (20°C)		1900.536	1909.464	1850-1910	PASS
	Extreme (10°C)		1900.584	1909.416	1850-1910	PASS
	Extreme (0°C)		1900.525	1909.475	1850-1910	PASS
	Extreme (-10°C)		1900.585	1909.415	1850-1910	PASS
	Extreme (-20°C)		1900.593	1909.407	1850-1910	PASS
	Extreme (-30°C)		1900.548	1909.452	1850-1910	PASS
	25°C	LV	1900.580	1909.420	1850-1910	PASS
		HV	1900.608	1909.392	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	1895.740	1909.260	1850-1910	PASS
	Extreme (40°C)		1895.751	1909.249	1850-1910	PASS
	Extreme (30°C)		1895.704	1909.296	1850-1910	PASS
	Extreme (20°C)		1895.756	1909.244	1850-1910	PASS
	Extreme (10°C)		1895.713	1909.287	1850-1910	PASS
	Extreme (0°C)		1895.780	1909.220	1850-1910	PASS
	Extreme (-10°C)		1895.753	1909.247	1850-1910	PASS
	Extreme (-20°C)		1895.749	1909.251	1850-1910	PASS
	Extreme (-30°C)		1895.707	1909.293	1850-1910	PASS

	25°C	LV	1895.741	1909.259	1850-1910	PASS
		HV	1895.776	1909.224	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1890.976	1909.024	1850-1910	PASS
	Extreme (40°C)		1890.955	1909.045	1850-1910	PASS
	Extreme (30°C)		1890.958	1909.042	1850-1910	PASS
	Extreme (20°C)		1890.904	1909.096	1850-1910	PASS
	Extreme (10°C)		1890.988	1909.012	1850-1910	PASS
	Extreme (0°C)		1890.906	1909.094	1850-1910	PASS
	Extreme (-10°C)		1890.981	1909.019	1850-1910	PASS
	Extreme (-20°C)		1890.903	1909.097	1850-1910	PASS
	Extreme (-30°C)		1890.977	1909.023	1850-1910	PASS
	25°C	LV	1890.909	1909.091	1850-1910	PASS
		HV	1890.940	1909.060	1850-1910	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.149	1711.251	1710-1755	PASS
	Extreme (40°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (30°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (20°C)		1710.145	1711.255	1710-1755	PASS
	Extreme (10°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (0°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (-10°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (-20°C)		1710.150	1711.250	1710-1755	PASS
	Extreme (-30°C)		1710.146	1711.254	1710-1755	PASS
	25°C	LV	1710.149	1711.251	1710-1755	PASS
		HV	1710.147	1711.253	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.148	1712.852	1710-1755	PASS
	Extreme (40°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (30°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (20°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (10°C)		1710.147	1712.853	1710-1755	PASS

	Extreme (0°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-10°C)		1710.145	1712.855	1710-1755	PASS
	Extreme (-20°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (-30°C)		1710.147	1712.853	1710-1755	PASS
	25°C	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	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.259	1714.741	1710-1755	PASS
	Extreme (40°C)		1710.295	1714.705	1710-1755	PASS
	Extreme (30°C)		1710.268	1714.732	1710-1755	PASS
	Extreme (20°C)		1710.204	1714.796	1710-1755	PASS
	Extreme (10°C)		1710.296	1714.704	1710-1755	PASS
	Extreme (0°C)		1710.252	1714.748	1710-1755	PASS
	Extreme (-10°C)		1710.203	1714.797	1710-1755	PASS
	Extreme (-20°C)		1710.216	1714.784	1710-1755	PASS
	Extreme (-30°C)		1710.213	1714.787	1710-1755	PASS
	25°C	LV	1710.208	1714.792	1710-1755	PASS
		HV	1710.253	1714.747	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.585	1719.415	1710-1755	PASS
	Extreme (40°C)		1710.556	1719.444	1710-1755	PASS
	Extreme (30°C)		1710.520	1719.480	1710-1755	PASS
	Extreme (20°C)		1710.572	1719.428	1710-1755	PASS
	Extreme (10°C)		1710.629	1719.371	1710-1755	PASS
	Extreme (0°C)		1710.518	1719.482	1710-1755	PASS
	Extreme (-10°C)		1710.586	1719.414	1710-1755	PASS
	Extreme (-20°C)		1710.588	1719.412	1710-1755	PASS
	Extreme (-30°C)		1710.607	1719.393	1710-1755	PASS
	25°C	LV	1710.610	1719.390	1710-1755	PASS
		HV	1710.614	1719.386	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.763	1724.237	1710-1755	PASS

	Extreme (40°C)		1710.796	1724.204	1710-1755	PASS
	Extreme (30°C)		1710.778	1724.222	1710-1755	PASS
	Extreme (20°C)		1710.766	1724.234	1710-1755	PASS
	Extreme (10°C)		1710.770	1724.230	1710-1755	PASS
	Extreme (0°C)		1710.707	1724.293	1710-1755	PASS
	Extreme (-10°C)		1710.754	1724.246	1710-1755	PASS
	Extreme (-20°C)		1710.775	1724.225	1710-1755	PASS
	Extreme (-30°C)		1710.736	1724.264	1710-1755	PASS
	25°C	LV	1710.702	1724.298	1710-1755	PASS
		HV	1710.782	1724.218	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	1711.034	1728.966	1710-1755	PASS
	Extreme (40°C)		1711.003	1728.997	1710-1755	PASS
	Extreme (30°C)		1711.004	1728.996	1710-1755	PASS
	Extreme (20°C)		1711.025	1728.975	1710-1755	PASS
	Extreme (10°C)		1711.037	1728.963	1710-1755	PASS
	Extreme (0°C)		1711.027	1728.973	1710-1755	PASS
	Extreme (-10°C)		1711.002	1728.998	1710-1755	PASS
	Extreme (-20°C)		1711.001	1728.999	1710-1755	PASS
	Extreme (-30°C)		1711.012	1728.988	1710-1755	PASS
	25°C	LV	1711.024	1728.976	1710-1755	PASS
		HV	1711.034	1728.966	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	1753.748	1754.852	1710-1755	PASS
	Extreme (40°C)		1753.745	1754.855	1710-1755	PASS
	Extreme (30°C)		1753.745	1754.855	1710-1755	PASS
	Extreme (20°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (0°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-10°C)		1753.749	1754.851	1710-1755	PASS
	Extreme (-20°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-30°C)		1753.746	1754.854	1710-1755	PASS
	25°C	LV	1753.745	1754.855	1710-1755	PASS
		HV	1753.750	1754.850	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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1753.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1752.149	1754.851	1710-1755	PASS
	Extreme (40°C)		1752.148	1754.852	1710-1755	PASS
	Extreme (30°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (20°C)		1752.146	1754.854	1710-1755	PASS
	Extreme (10°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (0°C)		1752.146	1754.854	1710-1755	PASS
	Extreme (-10°C)		1752.148	1754.852	1710-1755	PASS
	Extreme (-20°C)		1752.148	1754.852	1710-1755	PASS
	Extreme (-30°C)		1752.149	1754.851	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	1750.216	1754.784	1710-1755	PASS
	Extreme (40°C)		1750.207	1754.793	1710-1755	PASS
	Extreme (30°C)		1750.296	1754.704	1710-1755	PASS
	Extreme (20°C)		1750.210	1754.790	1710-1755	PASS
	Extreme (10°C)		1750.256	1754.744	1710-1755	PASS
	Extreme (0°C)		1750.293	1754.707	1710-1755	PASS
	Extreme (-10°C)		1750.284	1754.716	1710-1755	PASS
	Extreme (-20°C)		1750.232	1754.768	1710-1755	PASS
	Extreme (-30°C)		1750.225	1754.775	1710-1755	PASS
	25°C	LV	1750.279	1754.721	1710-1755	PASS
		HV	1750.265	1754.735	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	1745.541	1754.459	1710-1755	PASS
	Extreme (40°C)		1745.509	1754.491	1710-1755	PASS
	Extreme (30°C)		1745.588	1754.412	1710-1755	PASS
	Extreme (20°C)		1745.589	1754.411	1710-1755	PASS
	Extreme (10°C)		1745.545	1754.455	1710-1755	PASS
	Extreme (0°C)		1745.604	1754.396	1710-1755	PASS
	Extreme (-10°C)		1745.612	1754.388	1710-1755	PASS
	Extreme (-20°C)		1745.531	1754.469	1710-1755	PASS
	Extreme (-30°C)		1745.521	1754.479	1710-1755	PASS

	25°C	LV	1745.514	1754.486	1710-1755	PASS
		HV	1745.516	1754.484	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	1740.717	1754.283	1710-1755	PASS
	Extreme (40°C)		1740.739	1754.261	1710-1755	PASS
	Extreme (30°C)		1740.759	1754.241	1710-1755	PASS
	Extreme (20°C)		1740.734	1754.266	1710-1755	PASS
	Extreme (10°C)		1740.792	1754.208	1710-1755	PASS
	Extreme (0°C)		1740.770	1754.230	1710-1755	PASS
	Extreme (-10°C)		1740.721	1754.279	1710-1755	PASS
	Extreme (-20°C)		1740.722	1754.278	1710-1755	PASS
	Extreme (-30°C)		1740.728	1754.272	1710-1755	PASS
	25°C	LV	1740.789	1754.211	1710-1755	PASS
		HV	1740.767	1754.233	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1735.946	1754.054	1710-1755	PASS
	Extreme (40°C)		1735.909	1754.091	1710-1755	PASS
	Extreme (30°C)		1735.928	1754.072	1710-1755	PASS
	Extreme (20°C)		1735.965	1754.035	1710-1755	PASS
	Extreme (10°C)		1735.973	1754.027	1710-1755	PASS
	Extreme (0°C)		1735.972	1754.028	1710-1755	PASS
	Extreme (-10°C)		1735.970	1754.030	1710-1755	PASS
	Extreme (-20°C)		1735.911	1754.089	1710-1755	PASS
	Extreme (-30°C)		1735.987	1754.013	1710-1755	PASS
	25°C	LV	1735.963	1754.037	1710-1755	PASS
		HV	1735.931	1754.069	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	2500.300	2504.700	2500-2570	PASS
	Extreme (40°C)		2500.210	2504.790	2500-2570	PASS
	Extreme (30°C)		2500.270	2504.730	2500-2570	PASS
	Extreme (20°C)		2500.284	2504.716	2500-2570	PASS
	Extreme (10°C)		2500.270	2504.730	2500-2570	PASS

	Extreme (0°C)		2500.275	2504.725	2500-2570	PASS
	Extreme (-10°C)		2500.294	2504.706	2500-2570	PASS
	Extreme (-20°C)		2500.227	2504.773	2500-2570	PASS
	Extreme (-30°C)		2500.271	2504.729	2500-2570	PASS
	25°C	LV	2500.224	2504.776	2500-2570	PASS
		HV	2500.254	2504.746	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.616	2509.384	2500-2570	PASS
	Extreme (40°C)		2500.573	2509.427	2500-2570	PASS
	Extreme (30°C)		2500.619	2509.381	2500-2570	PASS
	Extreme (20°C)		2500.550	2509.450	2500-2570	PASS
	Extreme (10°C)		2500.504	2509.496	2500-2570	PASS
	Extreme (0°C)		2500.536	2509.464	2500-2570	PASS
	Extreme (-10°C)		2500.536	2509.464	2500-2570	PASS
	Extreme (-20°C)		2500.580	2509.420	2500-2570	PASS
	Extreme (-30°C)		2500.589	2509.411	2500-2570	PASS
	25°C	LV	2500.630	2509.370	2500-2570	PASS
		HV	2500.636	2509.364	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	BANDWIDTH	15MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.768	2514.232	2500-2570	PASS
	Extreme (40°C)		2500.779	2514.221	2500-2570	PASS
	Extreme (30°C)		2500.748	2514.252	2500-2570	PASS
	Extreme (20°C)		2500.718	2514.282	2500-2570	PASS
	Extreme (10°C)		2500.755	2514.245	2500-2570	PASS
	Extreme (0°C)		2500.746	2514.254	2500-2570	PASS
	Extreme (-10°C)		2500.703	2514.297	2500-2570	PASS
	Extreme (-20°C)		2500.759	2514.241	2500-2570	PASS
	Extreme (-30°C)		2500.786	2514.214	2500-2570	PASS
	25°C	LV	2500.702	2514.298	2500-2570	PASS
		HV	2500.794	2514.206	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2510	BANDWIDTH	20MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2501.009	2518.991	2500-2570	PASS

	Extreme (40°C)		2501.050	2518.950	2500-2570	PASS
	Extreme (30°C)		2501.025	2518.975	2500-2570	PASS
	Extreme (20°C)		2501.038	2518.962	2500-2570	PASS
	Extreme (10°C)		2501.048	2518.952	2500-2570	PASS
	Extreme (0°C)		2501.003	2518.997	2500-2570	PASS
	Extreme (-10°C)		2501.009	2518.991	2500-2570	PASS
	Extreme (-20°C)		2501.035	2518.965	2500-2570	PASS
	Extreme (-30°C)		2501.041	2518.959	2500-2570	PASS
	25°C	LV	2501.009	2518.991	2500-2570	PASS
		HV	2501.002	2518.998	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	2565.205	2569.795	2500-2570	PASS
	Extreme (40°C)		2565.274	2569.726	2500-2570	PASS
	Extreme (30°C)		2565.247	2569.753	2500-2570	PASS
	Extreme (20°C)		2565.242	2569.758	2500-2570	PASS
	Extreme (10°C)		2565.261	2569.739	2500-2570	PASS
	Extreme (0°C)		2565.221	2569.779	2500-2570	PASS
	Extreme (-10°C)		2565.241	2569.759	2500-2570	PASS
	Extreme (-20°C)		2565.226	2569.774	2500-2570	PASS
	Extreme (-30°C)		2565.287	2569.713	2500-2570	PASS
	25°C	LV	2565.224	2569.776	2500-2570	PASS
		HV	2565.214	2569.786	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	2560.556	2569.444	2500-2570	PASS
	Extreme (40°C)		2560.579	2569.421	2500-2570	PASS
	Extreme (30°C)		2560.603	2569.397	2500-2570	PASS
	Extreme (20°C)		2560.619	2569.381	2500-2570	PASS
	Extreme (10°C)		2560.584	2569.416	2500-2570	PASS
	Extreme (0°C)		2560.504	2569.496	2500-2570	PASS
	Extreme (-10°C)		2560.552	2569.448	2500-2570	PASS
	Extreme (-20°C)		2560.630	2569.370	2500-2570	PASS
	Extreme (-30°C)		2560.608	2569.392	2500-2570	PASS
	25°C	LV	2560.623	2569.377	2500-2570	PASS
		HV	2560.587	2569.413	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°C)	NV	2555.764	2569.236	2500-2570	PASS
	Extreme (40°C)		2555.777	2569.223	2500-2570	PASS
	Extreme (30°C)		2555.778	2569.222	2500-2570	PASS
	Extreme (20°C)		2555.710	2569.290	2500-2570	PASS
	Extreme (10°C)		2555.788	2569.212	2500-2570	PASS
	Extreme (0°C)		2555.748	2569.252	2500-2570	PASS
	Extreme (-10°C)		2555.706	2569.294	2500-2570	PASS
	Extreme (-20°C)		2555.712	2569.288	2500-2570	PASS
	Extreme (-30°C)		2555.799	2569.201	2500-2570	PASS
	25°C	LV	2555.773	2569.227	2500-2570	PASS
		HV	2555.792	2569.208	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	2550.934	2569.066	2500-2570	PASS
	Extreme (40°C)		2550.966	2569.034	2500-2570	PASS
	Extreme (30°C)		2550.914	2569.086	2500-2570	PASS
	Extreme (20°C)		2550.902	2569.098	2500-2570	PASS
	Extreme (10°C)		2550.923	2569.077	2500-2570	PASS
	Extreme (0°C)		2550.995	2569.005	2500-2570	PASS
	Extreme (-10°C)		2550.999	2569.001	2500-2570	PASS
	Extreme (-20°C)		2550.902	2569.098	2500-2570	PASS
	Extreme (-30°C)		2550.954	2569.046	2500-2570	PASS
	25°C	LV	2550.971	2569.029	2500-2570	PASS
		HV	2550.910	2569.090	2500-2570	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2570.212	2574.788	2570-2620	PASS
	Extreme (40°C)		2570.233	2574.767	2570-2620	PASS
	Extreme (30°C)		2570.238	2574.762	2570-2620	PASS
	Extreme (20°C)		2570.247	2574.753	2570-2620	PASS
	Extreme (10°C)		2570.285	2574.715	2570-2620	PASS
	Extreme (0°C)		2570.223	2574.777	2570-2620	PASS
	Extreme (-10°C)		2570.215	2574.785	2570-2620	PASS
	Extreme (-20°C)		2570.271	2574.729	2570-2620	PASS
	Extreme (-30°C)		2570.218	2574.782	2570-2620	PASS

	25°C	LV	2570.271	2574.729	2570-2620	PASS
		HV	2570.277	2574.723	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2570.587	2579.413	2570-2620	PASS
	Extreme (40°C)		2570.551	2579.449	2570-2620	PASS
	Extreme (30°C)		2570.628	2579.372	2570-2620	PASS
	Extreme (20°C)		2570.502	2579.498	2570-2620	PASS
	Extreme (10°C)		2570.535	2579.465	2570-2620	PASS
	Extreme (0°C)		2570.625	2579.375	2570-2620	PASS
	Extreme (-10°C)		2570.549	2579.451	2570-2620	PASS
	Extreme (-20°C)		2570.532	2579.468	2570-2620	PASS
	Extreme (-30°C)		2570.501	2579.499	2570-2620	PASS
	25°C	LV	2570.612	2579.388	2570-2620	PASS
		HV	2570.642	2579.358	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°C)	NV	2570.776	2584.224	2570-2620	PASS
	Extreme (40°C)		2570.755	2584.245	2570-2620	PASS
	Extreme (30°C)		2570.777	2584.223	2570-2620	PASS
	Extreme (20°C)		2570.780	2584.220	2570-2620	PASS
	Extreme (10°C)		2570.790	2584.210	2570-2620	PASS
	Extreme (0°C)		2570.785	2584.215	2570-2620	PASS
	Extreme (-10°C)		2570.732	2584.268	2570-2620	PASS
	Extreme (-20°C)		2570.780	2584.220	2570-2620	PASS
	Extreme (-30°C)		2570.738	2584.262	2570-2620	PASS
	25°C	LV	2570.792	2584.208	2570-2620	PASS
		HV	2570.736	2584.264	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°C)	NV	2571.009	2588.991	2570-2620	PASS
	Extreme (40°C)		2571.029	2588.971	2570-2620	PASS
	Extreme (30°C)		2571.001	2588.999	2570-2620	PASS
	Extreme (20°C)		2571.034	2588.966	2570-2620	PASS
	Extreme (10°C)		2571.003	2588.997	2570-2620	PASS

	Extreme (0°C)		2571.023	2588.977	2570-2620	PASS
	Extreme (-10°C)		2571.037	2588.963	2570-2620	PASS
	Extreme (-20°C)		2571.044	2588.956	2570-2620	PASS
	Extreme (-30°C)		2571.009	2588.991	2570-2620	PASS
	25°C	LV	2571.015	2588.985	2570-2620	PASS
		HV	2571.023	2588.977	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	BANDWIDTH	5MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	2615.245	2619.755	2570-2620	PASS
	Extreme (40°C)		2615.212	2619.788	2570-2620	PASS
	Extreme (30°C)		2615.254	2619.746	2570-2620	PASS
	Extreme (20°C)		2615.224	2619.776	2570-2620	PASS
	Extreme (10°C)		2615.254	2619.746	2570-2620	PASS
	Extreme (0°C)		2615.236	2619.764	2570-2620	PASS
	Extreme (-10°C)		2615.277	2619.723	2570-2620	PASS
	Extreme (-20°C)		2615.217	2619.783	2570-2620	PASS
	Extreme (-30°C)		2615.237	2619.763	2570-2620	PASS
	25°C	LV	2615.202	2619.798	2570-2620	PASS
		HV	2615.212	2619.788	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	BANDWIDTH	10MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	2610.579	2619.421	2570-2620	PASS
	Extreme (40°C)		2610.638	2619.362	2570-2620	PASS
	Extreme (30°C)		2610.588	2619.412	2570-2620	PASS
	Extreme (20°C)		2610.555	2619.445	2570-2620	PASS
	Extreme (10°C)		2610.597	2619.403	2570-2620	PASS
	Extreme (0°C)		2610.520	2619.480	2570-2620	PASS
	Extreme (-10°C)		2610.534	2619.466	2570-2620	PASS
	Extreme (-20°C)		2610.558	2619.442	2570-2620	PASS
	Extreme (-30°C)		2610.529	2619.471	2570-2620	PASS
	25°C	LV	2610.521	2619.479	2570-2620	PASS
		HV	2610.635	2619.365	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2612.5	BANDWIDTH	15MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	2605.780	2619.220	2570-2620	PASS

	Extreme (40°C)		2605.727	2619.273	2570-2620	PASS
	Extreme (30°C)		2605.726	2619.274	2570-2620	PASS
	Extreme (20°C)		2605.797	2619.203	2570-2620	PASS
	Extreme (10°C)		2605.727	2619.273	2570-2620	PASS
	Extreme (0°C)		2605.776	2619.224	2570-2620	PASS
	Extreme (-10°C)		2605.731	2619.269	2570-2620	PASS
	Extreme (-20°C)		2605.716	2619.284	2570-2620	PASS
	Extreme (-30°C)		2605.773	2619.227	2570-2620	PASS
	25°C	LV	2605.786	2619.214	2570-2620	PASS
		HV	2605.720	2619.280	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2600.929	2619.071	2570-2620	PASS
	Extreme (40°C)		2600.947	2619.053	2570-2620	PASS
	Extreme (30°C)		2600.998	2619.002	2570-2620	PASS
	Extreme (20°C)		2600.931	2619.069	2570-2620	PASS
	Extreme (10°C)		2600.932	2619.068	2570-2620	PASS
	Extreme (0°C)		2600.902	2619.098	2570-2620	PASS
	Extreme (-10°C)		2600.956	2619.044	2570-2620	PASS
	Extreme (-20°C)		2600.969	2619.031	2570-2620	PASS
	Extreme (-30°C)		2600.947	2619.053	2570-2620	PASS
	25°C	LV	2600.907	2619.093	2570-2620	PASS
		HV	2600.928	2619.072	2570-2620	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2498.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.217	2500.783	2496-2690	PASS
	Extreme (40°C)		2496.237	2500.763	2496-2690	PASS
	Extreme (30°C)		2496.246	2500.754	2496-2690	PASS
	Extreme (20°C)		2496.297	2500.703	2496-2690	PASS
	Extreme (10°C)		2496.253	2500.747	2496-2690	PASS
	Extreme (0°C)		2496.249	2500.751	2496-2690	PASS
	Extreme (-10°C)		2496.279	2500.721	2496-2690	PASS
	Extreme (-20°C)		2496.238	2500.762	2496-2690	PASS
	Extreme (-30°C)		2496.226	2500.774	2496-2690	PASS
	25°C	LV	2496.282	2500.718	2496-2690	PASS
		HV	2496.283	2500.717	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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2501	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2496.537	2505.463	2496-2690	PASS
	Extreme (40°C)		2496.592	2505.408	2496-2690	PASS
	Extreme (30°C)		2496.519	2505.481	2496-2690	PASS
	Extreme (20°C)		2496.540	2505.460	2496-2690	PASS
	Extreme (10°C)		2496.605	2505.395	2496-2690	PASS
	Extreme (0°C)		2496.619	2505.381	2496-2690	PASS
	Extreme (-10°C)		2496.647	2505.353	2496-2690	PASS
	Extreme (-20°C)		2496.575	2505.425	2496-2690	PASS
	Extreme (-30°C)		2496.527	2505.473	2496-2690	PASS
	25°C	LV	2496.587	2505.413	2496-2690	PASS
		HV	2496.565	2505.435	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2503.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2496.773	2510.227	2496-2690	PASS
	Extreme (40°C)		2496.754	2510.246	2496-2690	PASS
	Extreme (30°C)		2496.797	2510.203	2496-2690	PASS
	Extreme (20°C)		2496.753	2510.247	2496-2690	PASS
	Extreme (10°C)		2496.728	2510.272	2496-2690	PASS
	Extreme (0°C)		2496.732	2510.268	2496-2690	PASS
	Extreme (-10°C)		2496.717	2510.283	2496-2690	PASS
	Extreme (-20°C)		2496.765	2510.235	2496-2690	PASS
	Extreme (-30°C)		2496.701	2510.299	2496-2690	PASS
	25°C	LV	2496.715	2510.285	2496-2690	PASS
		HV	2496.781	2510.219	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2506	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2497.047	2514.953	2496-2690	PASS
	Extreme (40°C)		2497.045	2514.955	2496-2690	PASS
	Extreme (30°C)		2497.028	2514.972	2496-2690	PASS
	Extreme (20°C)		2497.026	2514.974	2496-2690	PASS
	Extreme (10°C)		2497.012	2514.988	2496-2690	PASS
	Extreme (0°C)		2497.048	2514.952	2496-2690	PASS
	Extreme (-10°C)		2497.042	2514.958	2496-2690	PASS
	Extreme (-20°C)		2497.032	2514.968	2496-2690	PASS
	Extreme (-30°C)		2497.050	2514.950	2496-2690	PASS

	25°C	LV	2497.020	2514.980	2496-2690	PASS
		HV	2497.045	2514.955	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2687.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2685.226	2689.774	2496-2690	PASS
	Extreme (40°C)		2685.255	2689.745	2496-2690	PASS
	Extreme (30°C)		2685.239	2689.761	2496-2690	PASS
	Extreme (20°C)		2685.216	2689.784	2496-2690	PASS
	Extreme (10°C)		2685.237	2689.763	2496-2690	PASS
	Extreme (0°C)		2685.262	2689.738	2496-2690	PASS
	Extreme (-10°C)		2685.276	2689.724	2496-2690	PASS
	Extreme (-20°C)		2685.253	2689.747	2496-2690	PASS
	Extreme (-30°C)		2685.261	2689.739	2496-2690	PASS
	25°C	LV	2685.257	2689.743	2496-2690	PASS
		HV	2685.207	2689.793	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2685	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2680.560	2689.440	2496-2690	PASS
	Extreme (40°C)		2680.559	2689.441	2496-2690	PASS
	Extreme (30°C)		2680.516	2689.484	2496-2690	PASS
	Extreme (20°C)		2680.601	2689.399	2496-2690	PASS
	Extreme (10°C)		2680.538	2689.462	2496-2690	PASS
	Extreme (0°C)		2680.543	2689.457	2496-2690	PASS
	Extreme (-10°C)		2680.540	2689.460	2496-2690	PASS
	Extreme (-20°C)		2680.545	2689.455	2496-2690	PASS
	Extreme (-30°C)		2680.536	2689.464	2496-2690	PASS
	25°C	LV	2680.558	2689.442	2496-2690	PASS
		HV	2680.503	2689.497	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2682.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2675.727	2689.273	2496-2690	PASS
	Extreme (40°C)		2675.794	2689.206	2496-2690	PASS
	Extreme (30°C)		2675.700	2689.300	2496-2690	PASS
	Extreme (20°C)		2675.766	2689.234	2496-2690	PASS
	Extreme (10°C)		2675.718	2689.282	2496-2690	PASS

	Extreme (0°C)		2675.729	2689.271	2496-2690	PASS
	Extreme (-10°C)		2675.744	2689.256	2496-2690	PASS
	Extreme (-20°C)		2675.749	2689.251	2496-2690	PASS
	Extreme (-30°C)		2675.751	2689.249	2496-2690	PASS
	25°C	LV	2675.754	2689.246	2496-2690	PASS
		HV	2675.785	2689.215	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2670.924	2689.076	2496-2690	PASS
	Extreme (40°C)		2670.993	2689.007	2496-2690	PASS
	Extreme (30°C)		2670.959	2689.041	2496-2690	PASS
	Extreme (20°C)		2670.978	2689.022	2496-2690	PASS
	Extreme (10°C)		2670.904	2689.096	2496-2690	PASS
	Extreme (0°C)		2670.976	2689.024	2496-2690	PASS
	Extreme (-10°C)		2670.929	2689.071	2496-2690	PASS
	Extreme (-20°C)		2670.966	2689.034	2496-2690	PASS
	Extreme (-30°C)		2670.955	2689.045	2496-2690	PASS
	25°C	LV	2670.903	2689.097	2496-2690	PASS
		HV	2670.959	2689.041	2496-2690	PASS