

Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50°C)	NV	2.45	0.00293	PASS
	Extreme (40°C)		2.00	0.00239	PASS
	Extreme (30°C)		10.62	0.01269	PASS
	Extreme (20°C)		8.33	0.00995	PASS
	Extreme (10°C)		12.47	0.01491	PASS
	Extreme (0°C)		16.93	0.02023	PASS
	Extreme (-10°C)		9.47	0.01132	PASS
	Extreme (-20°C)		9.63	0.01151	PASS
	Extreme (-30°C)		9.80	0.01171	PASS
	25°C	LV	16.92	0.02023	PASS
		HV	4.89	0.00584	PASS

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
WCDMA B5	Extreme (50°C)	NV	8.49	0.01015	PASS
	Extreme (40°C)		3.66	0.00437	PASS
	Extreme (30°C)		16.03	0.01916	PASS
	Extreme (20°C)		16.99	0.02031	PASS
	Extreme (10°C)		6.57	0.00785	PASS
	Extreme (0°C)		4.58	0.00547	PASS
	Extreme (-10°C)		13.89	0.01660	PASS
	Extreme (-20°C)		7.52	0.00898	PASS
	Extreme (-30°C)		1.58	0.00189	PASS
	25°C	LV	9.42	0.01126	PASS
		HV	14.96	0.01789	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	10.11	0.01208	PASS
	Extreme (40°C)		9.75	0.01166	PASS
	Extreme (30°C)		17.30	0.02068	PASS
	Extreme (20°C)		17.71	0.02117	PASS
	Extreme (10°C)		7.25	0.00867	PASS
	Extreme (0°C)		15.61	0.01866	PASS
	Extreme (-10°C)		16.17	0.01933	PASS
	Extreme (-20°C)		14.24	0.01703	PASS
	Extreme (-30°C)		15.91	0.01902	PASS
	25°C	LV	11.61	0.01388	PASS
		HV	12.12	0.01448	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.16	0.00139	PASS
	Extreme (40°C)		15.58	0.01863	PASS
	Extreme (30°C)		5.84	0.00698	PASS
	Extreme (20°C)		11.12	0.01329	PASS
	Extreme (10°C)		16.85	0.02014	PASS
	Extreme (0°C)		9.65	0.01154	PASS
	Extreme (-10°C)		12.12	0.01449	PASS
	Extreme (-20°C)		3.92	0.00469	PASS
	Extreme (-30°C)		3.86	0.00462	PASS
	25°C	LV	16.62	0.01987	PASS
		HV	5.50	0.00658	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.34	0.00878	PASS
	Extreme (40°C)		11.16	0.01334	PASS
	Extreme (30°C)		14.67	0.01753	PASS
	Extreme (20°C)		4.95	0.00592	PASS
	Extreme (10°C)		3.77	0.00451	PASS

	Extreme (0°C)		16.54	0.01978	PASS
	Extreme (-10°C)		9.17	0.01096	PASS
	Extreme (-20°C)		13.75	0.01644	PASS
	Extreme (-30°C)		14.05	0.01679	PASS
	25°C	LV	4.09	0.00489	PASS
		HV	1.45	0.00173	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.06	0.02039	PASS
	Extreme (40°C)		6.56	0.00785	PASS
	Extreme (30°C)		11.28	0.01348	PASS
	Extreme (20°C)		10.87	0.01299	PASS
	Extreme (10°C)		12.26	0.01466	PASS
	Extreme (0°C)		15.22	0.01819	PASS
	Extreme (-10°C)		9.67	0.01157	PASS
	Extreme (-20°C)		5.45	0.00652	PASS
	Extreme (-30°C)		5.40	0.00645	PASS
	25°C	LV	12.85	0.01536	PASS
		HV	14.79	0.01768	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.25	0.01345	PASS
	Extreme (40°C)		8.52	0.01019	PASS
	Extreme (30°C)		9.54	0.01140	PASS
	Extreme (20°C)		10.80	0.01291	PASS
	Extreme (10°C)		14.07	0.01681	PASS
	Extreme (0°C)		3.78	0.00452	PASS
	Extreme (-10°C)		17.62	0.02106	PASS
	Extreme (-20°C)		4.19	0.00501	PASS
	Extreme (-30°C)		16.98	0.02030	PASS
	25°C	LV	8.50	0.01017	PASS
		HV	15.35	0.01836	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme (50℃)	NV	6.49	0.00776	PASS
	Extreme (40℃)		2.55	0.00305	PASS
	Extreme (30℃)		3.70	0.00443	PASS
	Extreme (20℃)		1.52	0.00182	PASS
	Extreme (10℃)		3.08	0.00368	PASS
	Extreme (0℃)		2.28	0.00273	PASS
	Extreme (-10℃)		3.84	0.00459	PASS
	Extreme (-20℃)		12.99	0.01553	PASS
	Extreme (-30℃)		12.14	0.01451	PASS
	25℃	LV	3.10	0.00371	PASS
		HV	3.93	0.00470	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	16.60	0.01985	PASS
	Extreme (40℃)		16.30	0.01949	PASS
	Extreme (30℃)		3.96	0.00474	PASS
	Extreme (20℃)		6.34	0.00758	PASS
	Extreme (10℃)		5.07	0.00606	PASS
	Extreme (0℃)		3.56	0.00426	PASS
	Extreme (-10℃)		1.06	0.00127	PASS
	Extreme (-20℃)		13.61	0.01627	PASS
	Extreme (-30℃)		2.59	0.00309	PASS
	25℃	LV	7.71	0.00922	PASS
		HV	12.08	0.01444	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	11.45	0.01369	PASS
	Extreme (40℃)		14.22	0.01700	PASS
	Extreme (30℃)		7.16	0.00856	PASS
	Extreme (20℃)		13.76	0.01645	PASS
	Extreme (10℃)		9.48	0.01133	PASS
	Extreme (0℃)		14.47	0.01730	PASS
	Extreme (-10℃)		8.57	0.01024	PASS
	Extreme (-20℃)		12.42	0.01485	PASS
	Extreme (-30℃)		1.77	0.00211	PASS
	25℃	LV	3.80	0.00454	PASS
		HV	6.99	0.00835	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	15MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	1.76	0.00211	PASS
	Extreme (40°C)		17.36	0.02075	PASS
	Extreme (30°C)		1.77	0.00212	PASS
	Extreme (20°C)		2.40	0.00287	PASS
	Extreme (10°C)		15.96	0.01908	PASS
	Extreme (0°C)		8.47	0.01012	PASS
	Extreme (-10°C)		17.88	0.02137	PASS
	Extreme (-20°C)		13.23	0.01582	PASS
	Extreme (-30°C)		10.29	0.01230	PASS
	25°C	LV	16.54	0.01978	PASS
		HV	5.91	0.00707	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	15.75	0.01924	PASS
	Extreme (40°C)		14.42	0.01761	PASS
	Extreme (30°C)		15.93	0.01946	PASS
	Extreme (20°C)		4.11	0.00502	PASS
	Extreme (10°C)		14.31	0.01747	PASS
	Extreme (0°C)		16.00	0.01954	PASS
	Extreme (-10°C)		2.31	0.00282	PASS
	Extreme (-20°C)		4.76	0.00581	PASS
	Extreme (-30°C)		13.40	0.01636	PASS
	25°C	LV	3.01	0.00367	PASS
		HV	2.63	0.00321	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	3.23	0.00394	PASS
	Extreme (40°C)		9.31	0.01137	PASS
	Extreme (30°C)		3.13	0.00382	PASS
	Extreme (20°C)		15.24	0.01861	PASS
	Extreme (10°C)		8.27	0.01009	PASS
	Extreme (0°C)		4.71	0.00575	PASS

	Extreme (-10°C)		15.36	0.01875	PASS
	Extreme (-20°C)		15.21	0.01857	PASS
	Extreme (-30°C)		4.67	0.00570	PASS
	25°C	LV	7.71	0.00942	PASS
		HV	1.92	0.00234	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	8.26	0.01009	PASS
	Extreme (40°C)		1.69	0.00206	PASS
	Extreme (30°C)		7.70	0.00940	PASS
	Extreme (20°C)		3.24	0.00396	PASS
	Extreme (10°C)		13.36	0.01631	PASS
	Extreme (0°C)		13.64	0.01666	PASS
	Extreme (-10°C)		11.37	0.01388	PASS
	Extreme (-20°C)		9.28	0.01133	PASS
	Extreme (-30°C)		7.31	0.00893	PASS
	25°C	LV	15.31	0.01870	PASS
		HV	13.47	0.01645	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.42	0.02127	PASS
	Extreme (40°C)		10.73	0.01310	PASS
	Extreme (30°C)		11.67	0.01425	PASS
	Extreme (20°C)		4.78	0.00584	PASS
	Extreme (10°C)		11.51	0.01406	PASS
	Extreme (0°C)		3.05	0.00373	PASS
	Extreme (-10°C)		16.18	0.01975	PASS
	Extreme (-20°C)		12.49	0.01525	PASS
	Extreme (-30°C)		10.86	0.01326	PASS
	25°C	LV	7.37	0.00900	PASS
		HV	5.84	0.00713	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	1850.080	1850.320	1850-1910	PASS
	Extreme (40°C)		1850.062	1850.338	1850-1910	PASS
	Extreme (30°C)		1850.080	1850.320	1850-1910	PASS
	Extreme (20°C)		1850.074	1850.326	1850-1910	PASS
	Extreme (10°C)		1850.062	1850.338	1850-1910	PASS
	Extreme (0°C)		1850.070	1850.330	1850-1910	PASS
	Extreme (-10°C)		1850.066	1850.334	1850-1910	PASS
	Extreme (-20°C)		1850.073	1850.327	1850-1910	PASS
	Extreme (-30°C)		1850.061	1850.339	1850-1910	PASS
	25°C	LV	1850.063	1850.337	1850-1910	PASS
		HV	1850.067	1850.333	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	1909.662	1909.938	1850-1910	PASS
	Extreme (40°C)		1909.674	1909.926	1850-1910	PASS
	Extreme (30°C)		1909.667	1909.933	1850-1910	PASS
	Extreme (20°C)		1909.668	1909.932	1850-1910	PASS
	Extreme (10°C)		1909.679	1909.921	1850-1910	PASS
	Extreme (0°C)		1909.675	1909.925	1850-1910	PASS
	Extreme (-10°C)		1909.666	1909.934	1850-1910	PASS
	Extreme (-20°C)		1909.668	1909.932	1850-1910	PASS
	Extreme (-30°C)		1909.669	1909.931	1850-1910	PASS
	25°C	LV	1909.671	1909.929	1850-1910	PASS
		HV	1909.677	1909.923	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	1850.315	1854.485	1850-1910	PASS
	Extreme (40°C)		1850.321	1854.479	1850-1910	PASS
	Extreme (30°C)		1850.328	1854.472	1850-1910	PASS
	Extreme (20°C)		1850.323	1854.477	1850-1910	PASS
	Extreme (10°C)		1850.320	1854.480	1850-1910	PASS
	Extreme (0°C)		1850.326	1854.474	1850-1910	PASS
	Extreme (-10°C)		1850.317	1854.483	1850-1910	PASS
	Extreme (-20°C)		1850.327	1854.473	1850-1910	PASS
	Extreme (-30°C)		1850.330	1854.470	1850-1910	PASS
	25°C	LV	1850.322	1854.478	1850-1910	PASS
		HV	1850.324	1854.476	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	1905.526	1909.674	1850-1910	PASS
	Extreme (40°C)		1905.525	1909.675	1850-1910	PASS
	Extreme (30°C)		1905.523	1909.677	1850-1910	PASS
	Extreme (20°C)		1905.525	1909.675	1850-1910	PASS
	Extreme (10°C)		1905.518	1909.682	1850-1910	PASS
	Extreme (0°C)		1905.527	1909.673	1850-1910	PASS
	Extreme (-10°C)		1905.518	1909.682	1850-1910	PASS
	Extreme (-20°C)		1905.517	1909.683	1850-1910	PASS
	Extreme (-30°C)		1905.526	1909.674	1850-1910	PASS
	25°C	LV	1905.527	1909.673	1850-1910	PASS
		HV	1905.524	1909.676	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	1710.321	1714.479	1710-1755	PASS
	Extreme (40°C)		1710.329	1714.471	1710-1755	PASS

	Extreme (30°C)		1710.325	1714.475	1710-1755	PASS
	Extreme (20°C)		1710.317	1714.483	1710-1755	PASS
	Extreme (10°C)		1710.319	1714.481	1710-1755	PASS
	Extreme (0°C)		1710.319	1714.481	1710-1755	PASS
	Extreme (-10°C)		1710.323	1714.477	1710-1755	PASS
	Extreme (-20°C)		1710.329	1714.471	1710-1755	PASS
	Extreme (-30°C)		1710.317	1714.483	1710-1755	PASS
	25°C	LV	1710.320	1714.480	1710-1755	PASS
		HV	1710.323	1714.477	1710-1755	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	Bandwidth	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.530	1754.670	1710-1755	PASS
	Extreme (40°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (30°C)		1750.527	1754.673	1710-1755	PASS
	Extreme (20°C)		1750.520	1754.680	1710-1755	PASS
	Extreme (10°C)		1750.519	1754.681	1710-1755	PASS
	Extreme (0°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (-10°C)		1750.529	1754.671	1710-1755	PASS
	Extreme (-20°C)		1750.526	1754.674	1710-1755	PASS
	Extreme (-30°C)		1750.519	1754.681	1710-1755	PASS
	25°C	LV	1750.517	1754.683	1710-1755	PASS
		HV	1750.528	1754.672	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	1850.149	1851.251	1850-1910	PASS
	Extreme (40°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (30°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (20°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (10°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (0°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (-10°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (-20°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (-30°C)		1850.149	1851.251	1850-1910	PASS
	25°C	LV	1850.146	1851.254	1850-1910	PASS
		HV	1850.145	1851.255	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	1850.148	1852.852	1850-1910	PASS
	Extreme (40°C)		1850.150	1852.850	1850-1910	PASS
	Extreme (30°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (20°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (10°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (0°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (-10°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (-20°C)		1850.145	1852.855	1850-1910	PASS
	Extreme (-30°C)		1850.147	1852.853	1850-1910	PASS
	25°C	LV	1850.147	1852.853	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	1850.204	1854.796	1850-1910	PASS
	Extreme (40°C)		1850.254	1854.746	1850-1910	PASS
	Extreme (30°C)		1850.200	1854.800	1850-1910	PASS
	Extreme (20°C)		1850.228	1854.772	1850-1910	PASS
	Extreme (10°C)		1850.204	1854.796	1850-1910	PASS
	Extreme (0°C)		1850.264	1854.736	1850-1910	PASS

	Extreme (-10℃)		1850.275	1854.725	1850-1910	PASS
	Extreme (-20℃)		1850.231	1854.769	1850-1910	PASS
	Extreme (-30℃)		1850.212	1854.788	1850-1910	PASS
	25℃	LV	1850.249	1854.751	1850-1910	PASS
		HV	1850.279	1854.721	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	1850.580	1859.420	1850-1910	PASS
	Extreme (40℃)		1850.629	1859.371	1850-1910	PASS
	Extreme (30℃)		1850.569	1859.431	1850-1910	PASS
	Extreme (20℃)		1850.523	1859.477	1850-1910	PASS
	Extreme (10℃)		1850.562	1859.438	1850-1910	PASS
	Extreme (0℃)		1850.609	1859.391	1850-1910	PASS
	Extreme (-10℃)		1850.565	1859.435	1850-1910	PASS
	Extreme (-20℃)		1850.515	1859.485	1850-1910	PASS
	Extreme (-30℃)		1850.639	1859.361	1850-1910	PASS
	25℃	LV	1850.587	1859.413	1850-1910	PASS
		HV	1850.646	1859.354	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	1850.715	1864.285	1850-1910	PASS
	Extreme (40℃)		1850.787	1864.213	1850-1910	PASS
	Extreme (30℃)		1850.727	1864.273	1850-1910	PASS
	Extreme (20℃)		1850.710	1864.290	1850-1910	PASS
	Extreme (10℃)		1850.796	1864.204	1850-1910	PASS
	Extreme (0℃)		1850.772	1864.228	1850-1910	PASS
	Extreme (-10℃)		1850.767	1864.233	1850-1910	PASS
	Extreme (-20℃)		1850.783	1864.217	1850-1910	PASS
	Extreme (-30℃)		1850.764	1864.236	1850-1910	PASS
	25℃	LV	1850.800	1864.200	1850-1910	PASS
		HV	1850.701	1864.299	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	1851.004	1868.996	1850-1910	PASS
	Extreme (40℃)		1851.023	1868.977	1850-1910	PASS

	Extreme (30°C)		1851.010	1868.990	1850-1910	PASS
	Extreme (20°C)		1851.016	1868.984	1850-1910	PASS
	Extreme (10°C)		1851.042	1868.958	1850-1910	PASS
	Extreme (0°C)		1851.044	1868.956	1850-1910	PASS
	Extreme (-10°C)		1851.016	1868.984	1850-1910	PASS
	Extreme (-20°C)		1851.033	1868.967	1850-1910	PASS
	Extreme (-30°C)		1851.024	1868.976	1850-1910	PASS
	25°C	LV	1851.021	1868.979	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°C)	NV	1908.746	1909.854	1850-1910	PASS
	Extreme (40°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (30°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (20°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (10°C)		1908.746	1909.854	1850-1910	PASS
	Extreme (0°C)		1908.746	1909.854	1850-1910	PASS
	Extreme (-10°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (-20°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (-30°C)		1908.745	1909.855	1850-1910	PASS
	25°C	LV	1908.750	1909.850	1850-1910	PASS
		HV	1908.746	1909.854	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°C)	NV	1907.147	1909.853	1850-1910	PASS
	Extreme (40°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (30°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (20°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (10°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (0°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (-10°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (-20°C)		1907.150	1909.850	1850-1910	PASS
	Extreme (-30°C)		1907.149	1909.851	1850-1910	PASS
	25°C	LV	1907.146	1909.854	1850-1910	PASS
		HV	1907.149	1909.851	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1907.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.298	1909.702	1850-1910	PASS
	Extreme (40℃)		1905.234	1909.766	1850-1910	PASS
	Extreme (30℃)		1905.290	1909.710	1850-1910	PASS
	Extreme (20℃)		1905.213	1909.787	1850-1910	PASS
	Extreme (10℃)		1905.296	1909.704	1850-1910	PASS
	Extreme (0℃)		1905.280	1909.720	1850-1910	PASS
	Extreme (-10℃)		1905.274	1909.726	1850-1910	PASS
	Extreme (-20℃)		1905.228	1909.772	1850-1910	PASS
	Extreme (-30℃)		1905.275	1909.725	1850-1910	PASS
	25℃	LV	1905.278	1909.722	1850-1910	PASS
		HV	1905.225	1909.775	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1900.569	1909.431	1850-1910	PASS
	Extreme (40℃)		1900.626	1909.374	1850-1910	PASS
	Extreme (30℃)		1900.511	1909.489	1850-1910	PASS
	Extreme (20℃)		1900.519	1909.481	1850-1910	PASS
	Extreme (10℃)		1900.547	1909.453	1850-1910	PASS
	Extreme (0℃)		1900.563	1909.437	1850-1910	PASS
	Extreme (-10℃)		1900.537	1909.463	1850-1910	PASS
	Extreme (-20℃)		1900.512	1909.488	1850-1910	PASS
	Extreme (-30℃)		1900.508	1909.492	1850-1910	PASS
	25℃	LV	1900.538	1909.462	1850-1910	PASS
		HV	1900.535	1909.465	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1895.711	1909.289	1850-1910	PASS
	Extreme (40℃)		1895.778	1909.222	1850-1910	PASS
	Extreme (30℃)		1895.704	1909.296	1850-1910	PASS
	Extreme (20℃)		1895.789	1909.211	1850-1910	PASS
	Extreme (10℃)		1895.764	1909.236	1850-1910	PASS
	Extreme (0℃)		1895.712	1909.288	1850-1910	PASS
	Extreme (-10℃)		1895.748	1909.252	1850-1910	PASS
	Extreme (-20℃)		1895.781	1909.219	1850-1910	PASS
	Extreme (-30℃)		1895.794	1909.206	1850-1910	PASS

	25℃	LV	1895.739	1909.261	1850-1910	PASS
		HV	1895.722	1909.278	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1890.921	1909.079	1850-1910	PASS
	Extreme (40℃)		1890.909	1909.091	1850-1910	PASS
	Extreme (30℃)		1890.901	1909.099	1850-1910	PASS
	Extreme (20℃)		1890.924	1909.076	1850-1910	PASS
	Extreme (10℃)		1890.985	1909.015	1850-1910	PASS
	Extreme (0℃)		1890.965	1909.035	1850-1910	PASS
	Extreme (-10℃)		1890.921	1909.079	1850-1910	PASS
	Extreme (-20℃)		1890.954	1909.046	1850-1910	PASS
	Extreme (-30℃)		1890.974	1909.026	1850-1910	PASS
	25℃	LV	1890.965	1909.035	1850-1910	PASS
		HV	1890.911	1909.089	1850-1910	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.147	1711.253	1710-1755	PASS
	Extreme (40℃)		1710.150	1711.250	1710-1755	PASS
	Extreme (30℃)		1710.146	1711.254	1710-1755	PASS
	Extreme (20℃)		1710.149	1711.251	1710-1755	PASS
	Extreme (10℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (0℃)		1710.150	1711.250	1710-1755	PASS
	Extreme (-10℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (-20℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (-30℃)		1710.149	1711.251	1710-1755	PASS
	25℃	LV	1710.148	1711.252	1710-1755	PASS
		HV	1710.150	1711.250	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.146	1712.854	1710-1755	PASS
	Extreme (40℃)		1710.147	1712.853	1710-1755	PASS
	Extreme (30℃)		1710.149	1712.851	1710-1755	PASS
	Extreme (20℃)		1710.149	1712.851	1710-1755	PASS
	Extreme (10℃)		1710.146	1712.854	1710-1755	PASS

	Extreme (0℃)		1710.145	1712.855	1710-1755	PASS
	Extreme (-10℃)		1710.145	1712.855	1710-1755	PASS
	Extreme (-20℃)		1710.150	1712.850	1710-1755	PASS
	Extreme (-30℃)		1710.147	1712.853	1710-1755	PASS
	25℃	LV	1710.148	1712.852	1710-1755	PASS
		HV	1710.147	1712.853	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.220	1714.780	1710-1755	PASS
	Extreme (40℃)		1710.229	1714.771	1710-1755	PASS
	Extreme (30℃)		1710.201	1714.799	1710-1755	PASS
	Extreme (20℃)		1710.219	1714.781	1710-1755	PASS
	Extreme (10℃)		1710.282	1714.718	1710-1755	PASS
	Extreme (0℃)		1710.277	1714.723	1710-1755	PASS
	Extreme (-10℃)		1710.282	1714.718	1710-1755	PASS
	Extreme (-20℃)		1710.299	1714.701	1710-1755	PASS
	Extreme (-30℃)		1710.254	1714.746	1710-1755	PASS
	25℃	LV	1710.267	1714.733	1710-1755	PASS
		HV	1710.289	1714.711	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	1710.564	1719.436	1710-1755	PASS
	Extreme (40℃)		1710.532	1719.468	1710-1755	PASS
	Extreme (30℃)		1710.650	1719.350	1710-1755	PASS
	Extreme (20℃)		1710.534	1719.466	1710-1755	PASS
	Extreme (10℃)		1710.545	1719.455	1710-1755	PASS
	Extreme (0℃)		1710.518	1719.482	1710-1755	PASS
	Extreme (-10℃)		1710.546	1719.454	1710-1755	PASS
	Extreme (-20℃)		1710.550	1719.450	1710-1755	PASS
	Extreme (-30℃)		1710.520	1719.480	1710-1755	PASS
	25℃	LV	1710.519	1719.481	1710-1755	PASS
		HV	1710.626	1719.374	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	1710.752	1724.248	1710-1755	PASS

	Extreme (40℃)		1710.777	1724.223	1710-1755	PASS
	Extreme (30℃)		1710.711	1724.289	1710-1755	PASS
	Extreme (20℃)		1710.799	1724.201	1710-1755	PASS
	Extreme (10℃)		1710.755	1724.245	1710-1755	PASS
	Extreme (0℃)		1710.722	1724.278	1710-1755	PASS
	Extreme (-10℃)		1710.747	1724.253	1710-1755	PASS
	Extreme (-20℃)		1710.732	1724.268	1710-1755	PASS
	Extreme (-30℃)		1710.719	1724.281	1710-1755	PASS
	25℃	LV	1710.744	1724.256	1710-1755	PASS
HV		1710.774	1724.226	1710-1755	PASS	
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.020	1728.980	1710-1755	PASS
	Extreme (40℃)		1711.028	1728.972	1710-1755	PASS
	Extreme (30℃)		1711.047	1728.953	1710-1755	PASS
	Extreme (20℃)		1711.004	1728.996	1710-1755	PASS
	Extreme (10℃)		1711.029	1728.971	1710-1755	PASS
	Extreme (0℃)		1711.025	1728.975	1710-1755	PASS
	Extreme (-10℃)		1711.022	1728.978	1710-1755	PASS
	Extreme (-20℃)		1711.016	1728.984	1710-1755	PASS
	Extreme (-30℃)		1711.009	1728.991	1710-1755	PASS
	25℃	LV	1711.043	1728.957	1710-1755	PASS
		HV	1711.013	1728.987	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℃)	NV	1753.747	1754.853	1710-1755	PASS
	Extreme (40℃)		1753.750	1754.850	1710-1755	PASS
	Extreme (30℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (20℃)		1753.749	1754.851	1710-1755	PASS
	Extreme (10℃)		1753.745	1754.855	1710-1755	PASS
	Extreme (0℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (-10℃)		1753.749	1754.851	1710-1755	PASS
	Extreme (-20℃)		1753.748	1754.852	1710-1755	PASS
	Extreme (-30℃)		1753.748	1754.852	1710-1755	PASS
	25℃	LV	1753.749	1754.851	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℃)	NV	1752.145	1754.855	1710-1755	PASS
	Extreme (40℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (30℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (20℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (10℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (0℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (-10℃)		1752.148	1754.852	1710-1755	PASS
	Extreme (-20℃)		1752.150	1754.850	1710-1755	PASS
	Extreme (-30℃)		1752.147	1754.853	1710-1755	PASS
	25℃	LV	1752.149	1754.851	1710-1755	PASS
		HV	1752.148	1754.852	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1750.202	1754.798	1710-1755	PASS
	Extreme (40℃)		1750.210	1754.790	1710-1755	PASS
	Extreme (30℃)		1750.252	1754.748	1710-1755	PASS
	Extreme (20℃)		1750.205	1754.795	1710-1755	PASS
	Extreme (10℃)		1750.220	1754.780	1710-1755	PASS
	Extreme (0℃)		1750.232	1754.768	1710-1755	PASS
	Extreme (-10℃)		1750.213	1754.787	1710-1755	PASS
	Extreme (-20℃)		1750.225	1754.775	1710-1755	PASS
	Extreme (-30℃)		1750.240	1754.760	1710-1755	PASS
	25℃	LV	1750.254	1754.746	1710-1755	PASS
		HV	1750.215	1754.785	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℃)	NV	1745.537	1754.463	1710-1755	PASS
	Extreme (40℃)		1745.557	1754.443	1710-1755	PASS
	Extreme (30℃)		1745.508	1754.492	1710-1755	PASS
	Extreme (20℃)		1745.508	1754.492	1710-1755	PASS
	Extreme (10℃)		1745.539	1754.461	1710-1755	PASS
	Extreme (0℃)		1745.597	1754.403	1710-1755	PASS
	Extreme (-10℃)		1745.610	1754.390	1710-1755	PASS
	Extreme (-20℃)		1745.502	1754.498	1710-1755	PASS
	Extreme (-30℃)		1745.513	1754.487	1710-1755	PASS

	25°C	LV	1745.612	1754.388	1710-1755	PASS
		HV	1745.505	1754.495	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	1740.767	1754.233	1710-1755	PASS
	Extreme (40°C)		1740.720	1754.280	1710-1755	PASS
	Extreme (30°C)		1740.778	1754.222	1710-1755	PASS
	Extreme (20°C)		1740.757	1754.243	1710-1755	PASS
	Extreme (10°C)		1740.761	1754.239	1710-1755	PASS
	Extreme (0°C)		1740.734	1754.266	1710-1755	PASS
	Extreme (-10°C)		1740.794	1754.206	1710-1755	PASS
	Extreme (-20°C)		1740.791	1754.209	1710-1755	PASS
	Extreme (-30°C)		1740.751	1754.249	1710-1755	PASS
	25°C	LV	1740.702	1754.298	1710-1755	PASS
		HV	1740.710	1754.290	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	1735.907	1754.093	1710-1755	PASS
	Extreme (40°C)		1735.971	1754.029	1710-1755	PASS
	Extreme (30°C)		1735.968	1754.032	1710-1755	PASS
	Extreme (20°C)		1735.939	1754.061	1710-1755	PASS
	Extreme (10°C)		1735.900	1754.100	1710-1755	PASS
	Extreme (0°C)		1735.913	1754.087	1710-1755	PASS
	Extreme (-10°C)		1735.907	1754.093	1710-1755	PASS
	Extreme (-20°C)		1735.967	1754.033	1710-1755	PASS
	Extreme (-30°C)		1735.918	1754.082	1710-1755	PASS
	25°C	LV	1735.943	1754.057	1710-1755	PASS
		HV	1735.932	1754.068	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	2500.216	2504.784	2500-2570	PASS
	Extreme (40°C)		2500.219	2504.781	2500-2570	PASS
	Extreme (30°C)		2500.250	2504.750	2500-2570	PASS
	Extreme (20°C)		2500.255	2504.745	2500-2570	PASS
	Extreme (10°C)		2500.280	2504.720	2500-2570	PASS

	Extreme (0℃)		2500.270	2504.730	2500-2570	PASS
	Extreme (-10℃)		2500.288	2504.712	2500-2570	PASS
	Extreme (-20℃)		2500.239	2504.761	2500-2570	PASS
	Extreme (-30℃)		2500.295	2504.705	2500-2570	PASS
	25℃	LV	2500.298	2504.702	2500-2570	PASS
		HV	2500.296	2504.704	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	2500.615	2509.385	2500-2570	PASS
	Extreme (40℃)		2500.619	2509.381	2500-2570	PASS
	Extreme (30℃)		2500.502	2509.498	2500-2570	PASS
	Extreme (20℃)		2500.523	2509.477	2500-2570	PASS
	Extreme (10℃)		2500.631	2509.369	2500-2570	PASS
	Extreme (0℃)		2500.560	2509.440	2500-2570	PASS
	Extreme (-10℃)		2500.505	2509.495	2500-2570	PASS
	Extreme (-20℃)		2500.545	2509.455	2500-2570	PASS
	Extreme (-30℃)		2500.544	2509.456	2500-2570	PASS
	25℃	LV	2500.612	2509.388	2500-2570	PASS
		HV	2500.590	2509.410	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	2500.792	2514.208	2500-2570	PASS
	Extreme (40℃)		2500.706	2514.294	2500-2570	PASS
	Extreme (30℃)		2500.797	2514.203	2500-2570	PASS
	Extreme (20℃)		2500.763	2514.237	2500-2570	PASS
	Extreme (10℃)		2500.738	2514.262	2500-2570	PASS
	Extreme (0℃)		2500.786	2514.214	2500-2570	PASS
	Extreme (-10℃)		2500.701	2514.299	2500-2570	PASS
	Extreme (-20℃)		2500.758	2514.242	2500-2570	PASS
	Extreme (-30℃)		2500.799	2514.201	2500-2570	PASS
	25℃	LV	2500.766	2514.234	2500-2570	PASS
		HV	2500.738	2514.262	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	2501.036	2518.964	2500-2570	PASS

	Extreme (40℃)		2501.039	2518.961	2500-2570	PASS
	Extreme (30℃)		2501.015	2518.985	2500-2570	PASS
	Extreme (20℃)		2501.007	2518.993	2500-2570	PASS
	Extreme (10℃)		2501.026	2518.974	2500-2570	PASS
	Extreme (0℃)		2501.022	2518.978	2500-2570	PASS
	Extreme (-10℃)		2501.040	2518.960	2500-2570	PASS
	Extreme (-20℃)		2501.009	2518.991	2500-2570	PASS
	Extreme (-30℃)		2501.010	2518.990	2500-2570	PASS
	25℃	LV	2501.025	2518.975	2500-2570	PASS
HV		2501.038	2518.962	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℃)		2565.265	2569.735	2500-2570	PASS
	Extreme (30℃)		2565.262	2569.738	2500-2570	PASS
	Extreme (20℃)		2565.269	2569.731	2500-2570	PASS
	Extreme (10℃)		2565.264	2569.736	2500-2570	PASS
	Extreme (0℃)		2565.202	2569.798	2500-2570	PASS
	Extreme (-10℃)		2565.293	2569.707	2500-2570	PASS
	Extreme (-20℃)		2565.256	2569.744	2500-2570	PASS
	Extreme (-30℃)		2565.209	2569.791	2500-2570	PASS
	25℃	LV	2565.232	2569.768	2500-2570	PASS
		HV	2565.248	2569.752	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	2560.572	2569.428	2500-2570	PASS
	Extreme (40℃)		2560.608	2569.392	2500-2570	PASS
	Extreme (30℃)		2560.575	2569.425	2500-2570	PASS
	Extreme (20℃)		2560.517	2569.483	2500-2570	PASS
	Extreme (10℃)		2560.591	2569.409	2500-2570	PASS
	Extreme (0℃)		2560.603	2569.397	2500-2570	PASS
	Extreme (-10℃)		2560.635	2569.365	2500-2570	PASS
	Extreme (-20℃)		2560.623	2569.377	2500-2570	PASS
	Extreme (-30℃)		2560.550	2569.450	2500-2570	PASS
	25℃	LV	2560.580	2569.420	2500-2570	PASS
		HV	2560.506	2569.494	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	2555.714	2569.286	2500-2570	PASS
	Extreme (40℃)		2555.784	2569.216	2500-2570	PASS
	Extreme (30℃)		2555.798	2569.202	2500-2570	PASS
	Extreme (20℃)		2555.740	2569.260	2500-2570	PASS
	Extreme (10℃)		2555.761	2569.239	2500-2570	PASS
	Extreme (0℃)		2555.760	2569.240	2500-2570	PASS
	Extreme (-10℃)		2555.795	2569.205	2500-2570	PASS
	Extreme (-20℃)		2555.758	2569.242	2500-2570	PASS
	Extreme (-30℃)		2555.779	2569.221	2500-2570	PASS
	25℃	LV	2555.730	2569.270	2500-2570	PASS
		HV	2555.759	2569.241	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	2550.982	2569.018	2500-2570	PASS
	Extreme (40℃)		2550.981	2569.019	2500-2570	PASS
	Extreme (30℃)		2550.942	2569.058	2500-2570	PASS
	Extreme (20℃)		2550.982	2569.018	2500-2570	PASS
	Extreme (10℃)		2550.976	2569.024	2500-2570	PASS
	Extreme (0℃)		2550.980	2569.020	2500-2570	PASS
	Extreme (-10℃)		2550.916	2569.084	2500-2570	PASS
	Extreme (-20℃)		2550.944	2569.056	2500-2570	PASS
	Extreme (-30℃)		2550.969	2569.031	2500-2570	PASS
	25℃	LV	2550.968	2569.032	2500-2570	PASS
		HV	2550.922	2569.078	2500-2570	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.146	700.254	699-716	PASS
	Extreme (40℃)		699.149	700.251	699-716	PASS
	Extreme (30℃)		699.147	700.253	699-716	PASS
	Extreme (20℃)		699.149	700.251	699-716	PASS
	Extreme (10℃)		699.149	700.251	699-716	PASS
	Extreme (0℃)		699.149	700.251	699-716	PASS
	Extreme (-10℃)		699.148	700.252	699-716	PASS
	Extreme (-20℃)		699.147	700.253	699-716	PASS
	Extreme (-30℃)		699.148	700.252	699-716	PASS

	25°C	LV	699.147	700.253	699-716	PASS
		HV	699.145	700.255	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	699.146	701.854	699-716	PASS
	Extreme (40°C)		699.146	701.854	699-716	PASS
	Extreme (30°C)		699.149	701.851	699-716	PASS
	Extreme (20°C)		699.150	701.850	699-716	PASS
	Extreme (10°C)		699.149	701.851	699-716	PASS
	Extreme (0°C)		699.149	701.851	699-716	PASS
	Extreme (-10°C)		699.148	701.852	699-716	PASS
	Extreme (-20°C)		699.146	701.854	699-716	PASS
	Extreme (-30°C)		699.150	701.850	699-716	PASS
	25°C	LV	699.148	701.852	699-716	PASS
		HV	699.147	701.853	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	699.208	703.792	699-716	PASS
	Extreme (40°C)		699.299	703.701	699-716	PASS
	Extreme (30°C)		699.293	703.707	699-716	PASS
	Extreme (20°C)		699.280	703.720	699-716	PASS
	Extreme (10°C)		699.245	703.755	699-716	PASS
	Extreme (0°C)		699.260	703.740	699-716	PASS
	Extreme (-10°C)		699.281	703.719	699-716	PASS
	Extreme (-20°C)		699.271	703.729	699-716	PASS
	Extreme (-30°C)		699.283	703.717	699-716	PASS
	25°C	LV	699.216	703.784	699-716	PASS
		HV	699.257	703.743	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	699.593	708.407	699-716	PASS
	Extreme (40°C)		699.523	708.477	699-716	PASS
	Extreme (30°C)		699.621	708.379	699-716	PASS
	Extreme (20°C)		699.526	708.474	699-716	PASS
	Extreme (10°C)		699.507	708.493	699-716	PASS

	Extreme (0℃)		699.625	708.375	699-716	PASS
	Extreme (-10℃)		699.637	708.363	699-716	PASS
	Extreme (-20℃)		699.524	708.476	699-716	PASS
	Extreme (-30℃)		699.616	708.384	699-716	PASS
	25℃	LV	699.623	708.377	699-716	PASS
		HV	699.539	708.461	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	714.745	715.855	699-716	PASS
	Extreme (40℃)		714.748	715.852	699-716	PASS
	Extreme (30℃)		714.748	715.852	699-716	PASS
	Extreme (20℃)		714.746	715.854	699-716	PASS
	Extreme (10℃)		714.746	715.854	699-716	PASS
	Extreme (0℃)		714.746	715.854	699-716	PASS
	Extreme (-10℃)		714.748	715.852	699-716	PASS
	Extreme (-20℃)		714.746	715.854	699-716	PASS
	Extreme (-30℃)		714.747	715.853	699-716	PASS
	25℃	LV	714.748	715.852	699-716	PASS
		HV	714.750	715.850	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
714.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	713.147	715.853	699-716	PASS
	Extreme (40℃)		713.145	715.855	699-716	PASS
	Extreme (30℃)		713.147	715.853	699-716	PASS
	Extreme (20℃)		713.145	715.855	699-716	PASS
	Extreme (10℃)		713.147	715.853	699-716	PASS
	Extreme (0℃)		713.148	715.852	699-716	PASS
	Extreme (-10℃)		713.149	715.851	699-716	PASS
	Extreme (-20℃)		713.148	715.852	699-716	PASS
	Extreme (-30℃)		713.150	715.850	699-716	PASS
	25℃	LV	713.148	715.852	699-716	PASS
		HV	713.145	715.855	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	711.227	715.773	699-716	PASS

	Extreme (40℃)		711.219	715.781	699-716	PASS
	Extreme (30℃)		711.263	715.737	699-716	PASS
	Extreme (20℃)		711.294	715.706	699-716	PASS
	Extreme (10℃)		711.293	715.707	699-716	PASS
	Extreme (0℃)		711.294	715.706	699-716	PASS
	Extreme (-10℃)		711.248	715.752	699-716	PASS
	Extreme (-20℃)		711.229	715.771	699-716	PASS
	Extreme (-30℃)		711.291	715.709	699-716	PASS
	25℃		LV	711.222	715.778	699-716
		HV	711.206	715.794	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	706.515	715.485	699-716	PASS
	Extreme (40℃)		706.502	715.498	699-716	PASS
	Extreme (30℃)		706.587	715.413	699-716	PASS
	Extreme (20℃)		706.572	715.428	699-716	PASS
	Extreme (10℃)		706.545	715.455	699-716	PASS
	Extreme (0℃)		706.561	715.439	699-716	PASS
	Extreme (-10℃)		706.583	715.417	699-716	PASS
	Extreme (-20℃)		706.587	715.413	699-716	PASS
	Extreme (-30℃)		706.528	715.472	699-716	PASS
	25℃	LV	706.616	715.384	699-716	PASS
		HV	706.648	715.352	699-716	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	777.235	781.765	777-787	PASS
	Extreme (40℃)		777.263	781.737	777-787	PASS
	Extreme (30℃)		777.249	781.751	777-787	PASS
	Extreme (20℃)		777.241	781.759	777-787	PASS
	Extreme (10℃)		777.204	781.796	777-787	PASS
	Extreme (0℃)		777.300	781.700	777-787	PASS
	Extreme (-10℃)		777.249	781.751	777-787	PASS
	Extreme (-20℃)		777.216	781.784	777-787	PASS
	Extreme (-30℃)		777.274	781.726	777-787	PASS
	25℃	LV	777.262	781.738	777-787	PASS
		HV	777.222	781.778	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℃）		NV	777.541	786.459	777-787	PASS
	Extreme（40℃）			777.611	786.389	777-787	PASS
	Extreme（30℃）			777.529	786.471	777-787	PASS
	Extreme（20℃）			777.514	786.486	777-787	PASS
	Extreme（10℃）			777.644	786.356	777-787	PASS
	Extreme（0℃）			777.597	786.403	777-787	PASS
	Extreme（-10℃）			777.523	786.477	777-787	PASS
	Extreme（-20℃）			777.580	786.420	777-787	PASS
	Extreme（-30℃）			777.524	786.476	777-787	PASS
	25℃		LV	777.568	786.432	777-787	PASS
			HV	777.566	786.434	777-787	PASS
LTE B13 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
784.5	BANDWIDTH	5MHz					
	Temperature	Voltage	QPSK				
	Extreme（50℃）		NV	782.282	786.718	777-787	PASS
	Extreme（40℃）			782.271	786.729	777-787	PASS
	Extreme（30℃）			782.258	786.742	777-787	PASS
	Extreme（20℃）			782.217	786.783	777-787	PASS
	Extreme（10℃）			782.213	786.787	777-787	PASS
	Extreme（0℃）			782.235	786.765	777-787	PASS
	Extreme（-10℃）			782.229	786.771	777-787	PASS
	Extreme（-20℃）			782.239	786.761	777-787	PASS
	Extreme（-30℃）			782.251	786.749	777-787	PASS
	25℃		LV	782.268	786.732	777-787	PASS
HV			782.210	786.790	777-787	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	704.210	708.790	704-716	PASS
	Extreme（40℃）			704.299	708.701	704-716	PASS
	Extreme（30℃）			704.228	708.772	704-716	PASS
	Extreme（20℃）			704.238	708.762	704-716	PASS
	Extreme（10℃）			704.231	708.769	704-716	PASS
	Extreme（0℃）			704.263	708.737	704-716	PASS
	Extreme（-10℃）			704.239	708.761	704-716	PASS
	Extreme（-20℃）			704.269	708.731	704-716	PASS
	Extreme（-30℃）			704.267	708.733	704-716	PASS

	25°C	LV	704.201	708.799	704-716	PASS
		HV	704.251	708.749	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	704.600	713.400	704-716	PASS
	Extreme (40°C)		704.581	713.419	704-716	PASS
	Extreme (30°C)		704.642	713.358	704-716	PASS
	Extreme (20°C)		704.624	713.376	704-716	PASS
	Extreme (10°C)		704.516	713.484	704-716	PASS
	Extreme (0°C)		704.555	713.445	704-716	PASS
	Extreme (-10°C)		704.514	713.486	704-716	PASS
	Extreme (-20°C)		704.540	713.460	704-716	PASS
	Extreme (-30°C)		704.559	713.441	704-716	PASS
	25°C	LV	704.621	713.379	704-716	PASS
		HV	704.531	713.469	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	711.256	715.744	704-716	PASS
	Extreme (40°C)		711.295	715.705	704-716	PASS
	Extreme (30°C)		711.273	715.727	704-716	PASS
	Extreme (20°C)		711.224	715.776	704-716	PASS
	Extreme (10°C)		711.233	715.767	704-716	PASS
	Extreme (0°C)		711.289	715.711	704-716	PASS
	Extreme (-10°C)		711.210	715.790	704-716	PASS
	Extreme (-20°C)		711.271	715.729	704-716	PASS
	Extreme (-30°C)		711.296	715.704	704-716	PASS
	25°C	LV	711.280	715.720	704-716	PASS
		HV	711.220	715.780	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	706.565	715.435	704-716	PASS
	Extreme (40°C)		706.632	715.368	704-716	PASS
	Extreme (30°C)		706.521	715.479	704-716	PASS
	Extreme (20°C)		706.609	715.391	704-716	PASS
	Extreme (10°C)		706.551	715.449	704-716	PASS

	Extreme (0℃)		706.532	715.468	704-716	PASS
	Extreme (-10℃)		706.585	715.415	704-716	PASS
	Extreme (-20℃)		706.575	715.425	704-716	PASS
	Extreme (-30℃)		706.576	715.424	704-716	PASS
	25℃	LV	706.614	715.386	704-716	PASS
		HV	706.562	715.438	704-716	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2570.237	2574.763	2570-2620	PASS
	Extreme (40℃)		2570.207	2574.793	2570-2620	PASS
	Extreme (30℃)		2570.229	2574.771	2570-2620	PASS
	Extreme (20℃)		2570.263	2574.737	2570-2620	PASS
	Extreme (10℃)		2570.288	2574.712	2570-2620	PASS
	Extreme (0℃)		2570.293	2574.707	2570-2620	PASS
	Extreme (-10℃)		2570.212	2574.788	2570-2620	PASS
	Extreme (-20℃)		2570.258	2574.742	2570-2620	PASS
	Extreme (-30℃)		2570.260	2574.740	2570-2620	PASS
	25℃	LV	2570.224	2574.776	2570-2620	PASS
		HV	2570.231	2574.769	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℃)	NV	2570.629	2579.371	2570-2620	PASS
	Extreme (40℃)		2570.587	2579.413	2570-2620	PASS
	Extreme (30℃)		2570.520	2579.480	2570-2620	PASS
	Extreme (20℃)		2570.598	2579.402	2570-2620	PASS
	Extreme (10℃)		2570.524	2579.476	2570-2620	PASS
	Extreme (0℃)		2570.537	2579.463	2570-2620	PASS
	Extreme (-10℃)		2570.649	2579.351	2570-2620	PASS
	Extreme (-20℃)		2570.640	2579.360	2570-2620	PASS
	Extreme (-30℃)		2570.611	2579.389	2570-2620	PASS
	25℃	LV	2570.562	2579.438	2570-2620	PASS
		HV	2570.609	2579.391	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	2570.733	2584.267	2570-2620	PASS

	Extreme (40℃)		2570.773	2584.227	2570-2620	PASS
	Extreme (30℃)		2570.787	2584.213	2570-2620	PASS
	Extreme (20℃)		2570.761	2584.239	2570-2620	PASS
	Extreme (10℃)		2570.701	2584.299	2570-2620	PASS
	Extreme (0℃)		2570.725	2584.275	2570-2620	PASS
	Extreme (-10℃)		2570.760	2584.240	2570-2620	PASS
	Extreme (-20℃)		2570.776	2584.224	2570-2620	PASS
	Extreme (-30℃)		2570.732	2584.268	2570-2620	PASS
	25℃	LV	2570.741	2584.259	2570-2620	PASS
HV		2570.739	2584.261	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	2571.011	2588.989	2570-2620	PASS
	Extreme (40℃)		2571.011	2588.989	2570-2620	PASS
	Extreme (30℃)		2571.016	2588.984	2570-2620	PASS
	Extreme (20℃)		2571.026	2588.974	2570-2620	PASS
	Extreme (10℃)		2571.007	2588.993	2570-2620	PASS
	Extreme (0℃)		2571.021	2588.979	2570-2620	PASS
	Extreme (-10℃)		2571.010	2588.990	2570-2620	PASS
	Extreme (-20℃)		2571.026	2588.974	2570-2620	PASS
	Extreme (-30℃)		2571.034	2588.966	2570-2620	PASS
	25℃	LV	2571.039	2588.961	2570-2620	PASS
		HV	2571.015	2588.985	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	2615.294	2619.706	2570-2620	PASS
	Extreme (40℃)		2615.299	2619.701	2570-2620	PASS
	Extreme (30℃)		2615.248	2619.752	2570-2620	PASS
	Extreme (20℃)		2615.220	2619.780	2570-2620	PASS
	Extreme (10℃)		2615.263	2619.737	2570-2620	PASS
	Extreme (0℃)		2615.243	2619.757	2570-2620	PASS
	Extreme (-10℃)		2615.263	2619.737	2570-2620	PASS
	Extreme (-20℃)		2615.275	2619.725	2570-2620	PASS
	Extreme (-30℃)		2615.283	2619.717	2570-2620	PASS
	25℃	LV	2615.220	2619.780	2570-2620	PASS
		HV	2615.287	2619.713	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	2610.621	2619.379	2570-2620	PASS
	Extreme（40℃）			2610.617	2619.383	2570-2620	PASS
	Extreme（30℃）			2610.606	2619.394	2570-2620	PASS
	Extreme（20℃）			2610.642	2619.358	2570-2620	PASS
	Extreme（10℃）			2610.571	2619.429	2570-2620	PASS
	Extreme（0℃）			2610.621	2619.379	2570-2620	PASS
	Extreme（-10℃）			2610.531	2619.469	2570-2620	PASS
	Extreme（-20℃）			2610.538	2619.462	2570-2620	PASS
	Extreme（-30℃）			2610.552	2619.448	2570-2620	PASS
	25℃		LV	2610.540	2619.460	2570-2620	PASS
			HV	2610.642	2619.358	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	2605.719	2619.281	2570-2620	PASS
	Extreme（40℃）			2605.715	2619.285	2570-2620	PASS
	Extreme（30℃）			2605.738	2619.262	2570-2620	PASS
	Extreme（20℃）			2605.749	2619.251	2570-2620	PASS
	Extreme（10℃）			2605.710	2619.290	2570-2620	PASS
	Extreme（0℃）			2605.795	2619.205	2570-2620	PASS
	Extreme（-10℃）			2605.735	2619.265	2570-2620	PASS
	Extreme（-20℃）			2605.775	2619.225	2570-2620	PASS
	Extreme（-30℃）			2605.711	2619.289	2570-2620	PASS
	25℃		LV	2605.794	2619.206	2570-2620	PASS
HV			2605.741	2619.259	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℃）		NV	2600.985	2619.015	2570-2620	PASS
	Extreme（40℃）			2600.982	2619.018	2570-2620	PASS
	Extreme（30℃）			2600.998	2619.002	2570-2620	PASS
	Extreme（20℃）			2600.958	2619.042	2570-2620	PASS
	Extreme（10℃）			2600.908	2619.092	2570-2620	PASS
	Extreme（0℃）			2600.974	2619.026	2570-2620	PASS
	Extreme（-10℃）			2600.998	2619.002	2570-2620	PASS
	Extreme（-20℃）			2600.998	2619.002	2570-2620	PASS
	Extreme（-30℃）			2600.939	2619.061	2570-2620	PASS

	25°C	LV	2600.961	2619.039	2570-2620	PASS
		HV	2600.999	2619.001	2570-2620	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2498.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2496.261	2500.739	2496-2690	PASS
	Extreme (40°C)		2496.270	2500.730	2496-2690	PASS
	Extreme (30°C)		2496.217	2500.783	2496-2690	PASS
	Extreme (20°C)		2496.204	2500.796	2496-2690	PASS
	Extreme (10°C)		2496.260	2500.740	2496-2690	PASS
	Extreme (0°C)		2496.218	2500.782	2496-2690	PASS
	Extreme (-10°C)		2496.255	2500.745	2496-2690	PASS
	Extreme (-20°C)		2496.296	2500.704	2496-2690	PASS
	Extreme (-30°C)		2496.251	2500.749	2496-2690	PASS
	25°C	LV	2496.260	2500.740	2496-2690	PASS
		HV	2496.225	2500.775	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2501	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2496.507	2505.493	2496-2690	PASS
	Extreme (40°C)		2496.506	2505.494	2496-2690	PASS
	Extreme (30°C)		2496.515	2505.485	2496-2690	PASS
	Extreme (20°C)		2496.567	2505.433	2496-2690	PASS
	Extreme (10°C)		2496.547	2505.453	2496-2690	PASS
	Extreme (0°C)		2496.540	2505.460	2496-2690	PASS
	Extreme (-10°C)		2496.604	2505.396	2496-2690	PASS
	Extreme (-20°C)		2496.615	2505.385	2496-2690	PASS
	Extreme (-30°C)		2496.607	2505.393	2496-2690	PASS
	25°C	LV	2496.508	2505.492	2496-2690	PASS
		HV	2496.524	2505.476	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	2496.718	2510.282	2496-2690	PASS
	Extreme (40°C)		2496.742	2510.258	2496-2690	PASS
	Extreme (30°C)		2496.775	2510.225	2496-2690	PASS
	Extreme (20°C)		2496.703	2510.297	2496-2690	PASS
	Extreme (10°C)		2496.759	2510.241	2496-2690	PASS

	Extreme (0℃)		2496.714	2510.286	2496-2690	PASS
	Extreme (-10℃)		2496.749	2510.251	2496-2690	PASS
	Extreme (-20℃)		2496.790	2510.210	2496-2690	PASS
	Extreme (-30℃)		2496.779	2510.221	2496-2690	PASS
	25℃	LV	2496.738	2510.262	2496-2690	PASS
		HV	2496.739	2510.261	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℃)	NV	2497.050	2514.950	2496-2690	PASS
	Extreme (40℃)		2497.008	2514.992	2496-2690	PASS
	Extreme (30℃)		2497.049	2514.951	2496-2690	PASS
	Extreme (20℃)		2497.046	2514.954	2496-2690	PASS
	Extreme (10℃)		2497.049	2514.951	2496-2690	PASS
	Extreme (0℃)		2497.048	2514.952	2496-2690	PASS
	Extreme (-10℃)		2497.040	2514.960	2496-2690	PASS
	Extreme (-20℃)		2497.050	2514.950	2496-2690	PASS
	Extreme (-30℃)		2497.021	2514.979	2496-2690	PASS
	25℃	LV	2497.049	2514.951	2496-2690	PASS
		HV	2497.029	2514.971	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℃)	NV	2685.214	2689.786	2496-2690	PASS
	Extreme (40℃)		2685.239	2689.761	2496-2690	PASS
	Extreme (30℃)		2685.224	2689.776	2496-2690	PASS
	Extreme (20℃)		2685.246	2689.754	2496-2690	PASS
	Extreme (10℃)		2685.260	2689.740	2496-2690	PASS
	Extreme (0℃)		2685.295	2689.705	2496-2690	PASS
	Extreme (-10℃)		2685.270	2689.730	2496-2690	PASS
	Extreme (-20℃)		2685.289	2689.711	2496-2690	PASS
	Extreme (-30℃)		2685.213	2689.787	2496-2690	PASS
	25℃	LV	2685.257	2689.743	2496-2690	PASS
		HV	2685.226	2689.774	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℃)	NV	2680.601	2689.399	2496-2690	PASS

	Extreme (40℃)		2680.593	2689.407	2496-2690	PASS
	Extreme (30℃)		2680.567	2689.433	2496-2690	PASS
	Extreme (20℃)		2680.544	2689.456	2496-2690	PASS
	Extreme (10℃)		2680.637	2689.363	2496-2690	PASS
	Extreme (0℃)		2680.575	2689.425	2496-2690	PASS
	Extreme (-10℃)		2680.611	2689.389	2496-2690	PASS
	Extreme (-20℃)		2680.588	2689.412	2496-2690	PASS
	Extreme (-30℃)		2680.616	2689.384	2496-2690	PASS
	25℃	LV	2680.502	2689.498	2496-2690	PASS
HV		2680.575	2689.425	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℃)	NV	2675.794	2689.206	2496-2690	PASS
	Extreme (40℃)		2675.744	2689.256	2496-2690	PASS
	Extreme (30℃)		2675.753	2689.247	2496-2690	PASS
	Extreme (20℃)		2675.759	2689.241	2496-2690	PASS
	Extreme (10℃)		2675.721	2689.279	2496-2690	PASS
	Extreme (0℃)		2675.784	2689.216	2496-2690	PASS
	Extreme (-10℃)		2675.722	2689.278	2496-2690	PASS
	Extreme (-20℃)		2675.782	2689.218	2496-2690	PASS
	Extreme (-30℃)		2675.761	2689.239	2496-2690	PASS
	25℃	LV	2675.798	2689.202	2496-2690	PASS
		HV	2675.704	2689.296	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2670.956	2689.044	2496-2690	PASS
	Extreme (40℃)		2670.911	2689.089	2496-2690	PASS
	Extreme (30℃)		2670.921	2689.079	2496-2690	PASS
	Extreme (20℃)		2670.979	2689.021	2496-2690	PASS
	Extreme (10℃)		2670.941	2689.059	2496-2690	PASS
	Extreme (0℃)		2670.953	2689.047	2496-2690	PASS
	Extreme (-10℃)		2670.903	2689.097	2496-2690	PASS
	Extreme (-20℃)		2670.932	2689.068	2496-2690	PASS
	Extreme (-30℃)		2670.909	2689.091	2496-2690	PASS
	25℃	LV	2670.997	2689.003	2496-2690	PASS
		HV	2670.996	2689.004	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℃）		NV	1710.147	1711.253	1710-1780	PASS
	Extreme（40℃）			1710.149	1711.251	1710-1780	PASS
	Extreme（30℃）			1710.147	1711.253	1710-1780	PASS
	Extreme（20℃）			1710.146	1711.254	1710-1780	PASS
	Extreme（10℃）			1710.148	1711.252	1710-1780	PASS
	Extreme（0℃）			1710.145	1711.255	1710-1780	PASS
	Extreme（-10℃）			1710.149	1711.251	1710-1780	PASS
	Extreme（-20℃）			1710.148	1711.252	1710-1780	PASS
	Extreme（-30℃）			1710.146	1711.254	1710-1780	PASS
	25℃		LV	1710.148	1711.252	1710-1780	PASS
			HV	1710.148	1711.252	1710-1780	PASS
LTE B66 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH		3MHz				
	Temperature		Voltage	QPSK			
	Extreme（50℃）		NV	1710.146	1712.854	1710-1780	PASS
	Extreme（40℃）			1710.145	1712.855	1710-1780	PASS
	Extreme（30℃）			1710.150	1712.850	1710-1780	PASS
	Extreme（20℃）			1710.148	1712.852	1710-1780	PASS
	Extreme（10℃）			1710.147	1712.853	1710-1780	PASS
	Extreme（0℃）			1710.149	1712.851	1710-1780	PASS
	Extreme（-10℃）			1710.145	1712.855	1710-1780	PASS
	Extreme（-20℃）			1710.146	1712.854	1710-1780	PASS
	Extreme（-30℃）			1710.145	1712.855	1710-1780	PASS
	25℃		LV	1710.146	1712.854	1710-1780	PASS
			HV	1710.145	1712.855	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	1710.271	1714.729	1710-1780	PASS
	Extreme（40℃）			1710.244	1714.756	1710-1780	PASS
	Extreme（30℃）			1710.236	1714.764	1710-1780	PASS
	Extreme（20℃）			1710.254	1714.746	1710-1780	PASS
	Extreme（10℃）			1710.281	1714.719	1710-1780	PASS
	Extreme（0℃）			1710.284	1714.716	1710-1780	PASS
	Extreme（-10℃）			1710.264	1714.736	1710-1780	PASS
	Extreme（-20℃）			1710.282	1714.718	1710-1780	PASS
	Extreme（-30℃）			1710.213	1714.787	1710-1780	PASS

	25℃	LV	1710.230	1714.770	1710-1780	PASS
		HV	1710.249	1714.751	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	1710.641	1719.359	1710-1780	PASS
	Extreme (40℃)		1710.620	1719.380	1710-1780	PASS
	Extreme (30℃)		1710.540	1719.460	1710-1780	PASS
	Extreme (20℃)		1710.629	1719.371	1710-1780	PASS
	Extreme (10℃)		1710.588	1719.412	1710-1780	PASS
	Extreme (0℃)		1710.579	1719.421	1710-1780	PASS
	Extreme (-10℃)		1710.520	1719.480	1710-1780	PASS
	Extreme (-20℃)		1710.638	1719.362	1710-1780	PASS
	Extreme (-30℃)		1710.541	1719.459	1710-1780	PASS
	25℃	LV	1710.609	1719.391	1710-1780	PASS
		HV	1710.608	1719.392	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.736	1724.264	1710-1780	PASS
	Extreme (40℃)		1710.790	1724.210	1710-1780	PASS
	Extreme (30℃)		1710.796	1724.204	1710-1780	PASS
	Extreme (20℃)		1710.711	1724.289	1710-1780	PASS
	Extreme (10℃)		1710.705	1724.295	1710-1780	PASS
	Extreme (0℃)		1710.763	1724.237	1710-1780	PASS
	Extreme (-10℃)		1710.754	1724.246	1710-1780	PASS
	Extreme (-20℃)		1710.777	1724.223	1710-1780	PASS
	Extreme (-30℃)		1710.740	1724.260	1710-1780	PASS
	25℃	LV	1710.704	1724.296	1710-1780	PASS
		HV	1710.781	1724.219	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.007	1728.993	1710-1780	PASS
	Extreme (40℃)		1711.047	1728.953	1710-1780	PASS
	Extreme (30℃)		1711.006	1728.994	1710-1780	PASS
	Extreme (20℃)		1711.033	1728.967	1710-1780	PASS
	Extreme (10℃)		1711.035	1728.965	1710-1780	PASS

	Extreme (0℃)		1711.010	1728.990	1710-1780	PASS
	Extreme (-10℃)		1711.014	1728.986	1710-1780	PASS
	Extreme (-20℃)		1711.010	1728.990	1710-1780	PASS
	Extreme (-30℃)		1711.032	1728.968	1710-1780	PASS
	25℃	LV	1711.026	1728.974	1710-1780	PASS
		HV	1711.017	1728.983	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1779.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1778.749	1779.851	1710-1780	PASS
	Extreme (40℃)		1778.748	1779.852	1710-1780	PASS
	Extreme (30℃)		1778.748	1779.852	1710-1780	PASS
	Extreme (20℃)		1778.750	1779.850	1710-1780	PASS
	Extreme (10℃)		1778.748	1779.852	1710-1780	PASS
	Extreme (0℃)		1778.746	1779.854	1710-1780	PASS
	Extreme (-10℃)		1778.749	1779.851	1710-1780	PASS
	Extreme (-20℃)		1778.747	1779.853	1710-1780	PASS
	Extreme (-30℃)		1778.747	1779.853	1710-1780	PASS
	25℃	LV	1778.747	1779.853	1710-1780	PASS
		HV	1778.746	1779.854	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1778.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1777.146	1779.854	1710-1780	PASS
	Extreme (40℃)		1777.149	1779.851	1710-1780	PASS
	Extreme (30℃)		1777.147	1779.853	1710-1780	PASS
	Extreme (20℃)		1777.149	1779.851	1710-1780	PASS
	Extreme (10℃)		1777.145	1779.855	1710-1780	PASS
	Extreme (0℃)		1777.150	1779.850	1710-1780	PASS
	Extreme (-10℃)		1777.148	1779.852	1710-1780	PASS
	Extreme (-20℃)		1777.147	1779.853	1710-1780	PASS
	Extreme (-30℃)		1777.146	1779.854	1710-1780	PASS
	25℃	LV	1777.146	1779.854	1710-1780	PASS
		HV	1777.146	1779.854	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1777.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1775.269	1779.731	1710-1780	PASS

	Extreme (40℃)		1775.253	1779.747	1710-1780	PASS
	Extreme (30℃)		1775.266	1779.734	1710-1780	PASS
	Extreme (20℃)		1775.277	1779.723	1710-1780	PASS
	Extreme (10℃)		1775.272	1779.728	1710-1780	PASS
	Extreme (0℃)		1775.209	1779.791	1710-1780	PASS
	Extreme (-10℃)		1775.253	1779.747	1710-1780	PASS
	Extreme (-20℃)		1775.254	1779.746	1710-1780	PASS
	Extreme (-30℃)		1775.259	1779.741	1710-1780	PASS
	25℃		LV	1775.230	1779.770	1710-1780
		HV	1775.203	1779.797	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1770.537	1779.463	1710-1780	PASS
	Extreme (40℃)		1770.565	1779.435	1710-1780	PASS
	Extreme (30℃)		1770.537	1779.463	1710-1780	PASS
	Extreme (20℃)		1770.598	1779.402	1710-1780	PASS
	Extreme (10℃)		1770.615	1779.385	1710-1780	PASS
	Extreme (0℃)		1770.579	1779.421	1710-1780	PASS
	Extreme (-10℃)		1770.627	1779.373	1710-1780	PASS
	Extreme (-20℃)		1770.534	1779.466	1710-1780	PASS
	Extreme (-30℃)		1770.601	1779.399	1710-1780	PASS
	25℃	LV	1770.565	1779.435	1710-1780	PASS
		HV	1770.567	1779.433	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1765.717	1779.283	1710-1780	PASS
	Extreme (40℃)		1765.798	1779.202	1710-1780	PASS
	Extreme (30℃)		1765.737	1779.263	1710-1780	PASS
	Extreme (20℃)		1765.776	1779.224	1710-1780	PASS
	Extreme (10℃)		1765.790	1779.210	1710-1780	PASS
	Extreme (0℃)		1765.729	1779.271	1710-1780	PASS
	Extreme (-10℃)		1765.780	1779.220	1710-1780	PASS
	Extreme (-20℃)		1765.727	1779.273	1710-1780	PASS
	Extreme (-30℃)		1765.791	1779.209	1710-1780	PASS
	25℃	LV	1765.783	1779.217	1710-1780	PASS
		HV	1765.746	1779.254	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	1760.904	1779.096	1710-1780	PASS
	Extreme (40°C)		1760.948	1779.052	1710-1780	PASS
	Extreme (30°C)		1760.998	1779.002	1710-1780	PASS
	Extreme (20°C)		1760.983	1779.017	1710-1780	PASS
	Extreme (10°C)		1760.923	1779.077	1710-1780	PASS
	Extreme (0°C)		1760.975	1779.025	1710-1780	PASS
	Extreme (-10°C)		1760.955	1779.045	1710-1780	PASS
	Extreme (-20°C)		1760.914	1779.086	1710-1780	PASS
	Extreme (-30°C)		1760.960	1779.040	1710-1780	PASS
	25°C	LV	1760.915	1779.085	1710-1780	PASS
		HV	1760.919	1779.081	1710-1780	PASS