

Frequency Stability

GSM850	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
	Extreme (50°C)	NV	15.84	0.01893	PASS
	Extreme (40°C)		8.77	0.01048	PASS
	Extreme (30°C)		12.92	0.01544	PASS
	Extreme (20°C)		9.68	0.01157	PASS
	Extreme (10°C)		7.47	0.00893	PASS
	Extreme (0°C)		8.67	0.01037	PASS
	Extreme (-10°C)		12.02	0.01437	PASS
	Extreme (-20°C)		3.92	0.00469	PASS
	Extreme (-30°C)		4.61	0.00551	PASS
	25°C	LV	5.91	0.00707	PASS
		HV	15.45	0.01847	PASS

WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.57	0.01622	PASS
	Extreme (40°C)		11.63	0.01390	PASS
	Extreme (30°C)		6.05	0.00723	PASS
	Extreme (20°C)		6.27	0.00749	PASS
	Extreme (10°C)		12.77	0.01526	PASS
	Extreme (0°C)		13.44	0.01607	PASS
	Extreme (-10°C)		13.78	0.01647	PASS
	Extreme (-20°C)		7.56	0.00904	PASS
	Extreme (-30°C)		16.86	0.02015	PASS
	25°C	LV	11.26	0.01346	PASS
		HV	1.87	0.00224	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
BAND5	Extreme (50°C)	NV	11.91	0.01423	PASS
	Extreme (40°C)		5.26	0.00629	PASS
	Extreme (30°C)		7.45	0.00891	PASS
	Extreme (20°C)		7.03	0.00841	PASS
	Extreme (10°C)		17.33	0.02072	PASS
	Extreme (0°C)		1.05	0.00125	PASS
	Extreme (-10°C)		5.74	0.00687	PASS
	Extreme (-20°C)		16.15	0.01930	PASS
	Extreme (-30°C)		8.88	0.01061	PASS
	25°C	LV	5.24	0.00627	PASS
		HV	1.61	0.00192	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	4.06	0.00485	PASS
	Extreme (40°C)		1.23	0.00148	PASS
	Extreme (30°C)		1.00	0.00120	PASS
	Extreme (20°C)		17.89	0.02138	PASS
	Extreme (10°C)		15.51	0.01854	PASS
	Extreme (0°C)		6.78	0.00810	PASS
	Extreme (-10°C)		1.41	0.00168	PASS
	Extreme (-20°C)		8.16	0.00975	PASS
	Extreme (-30°C)		2.24	0.00268	PASS
	25°C	LV	4.06	0.00485	PASS
		HV	17.34	0.02073	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	4.29	0.00513	PASS
	Extreme (40°C)		2.93	0.00351	PASS
	Extreme (30°C)		17.16	0.02051	PASS
	Extreme (20°C)		3.18	0.00380	PASS
	Extreme (10°C)		10.30	0.01231	PASS

	Extreme (0°C)		11.08	0.01325	PASS
	Extreme (-10°C)		5.03	0.00601	PASS
	Extreme (-20°C)		3.03	0.00362	PASS
	Extreme (-30°C)		8.84	0.01057	PASS
	25°C	LV	5.53	0.00661	PASS
		HV	3.27	0.00390	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.79	0.01170	PASS
	Extreme (40°C)		14.11	0.01687	PASS
	Extreme (30°C)		16.82	0.02010	PASS
	Extreme (20°C)		8.56	0.01023	PASS
	Extreme (10°C)		17.63	0.02107	PASS
	Extreme (0°C)		14.00	0.01674	PASS
	Extreme (-10°C)		3.94	0.00472	PASS
	Extreme (-20°C)		12.44	0.01487	PASS
	Extreme (-30°C)		8.48	0.01014	PASS
	25°C	LV	5.03	0.00601	PASS
		HV	15.17	0.01814	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.79	0.01410	PASS
	Extreme (40°C)		14.94	0.01786	PASS
	Extreme (30°C)		9.03	0.01080	PASS
	Extreme (20°C)		7.84	0.00938	PASS
	Extreme (10°C)		5.46	0.00653	PASS
	Extreme (0°C)		2.52	0.00301	PASS
	Extreme (-10°C)		16.79	0.02007	PASS
	Extreme (-20°C)		10.85	0.01297	PASS
	Extreme (-30°C)		14.15	0.01691	PASS
	25°C	LV	15.90	0.01900	PASS
		HV	17.31	0.02069	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme (50°C)	NV	6.01	0.00718	PASS
	Extreme (40°C)		2.71	0.00323	PASS
	Extreme (30°C)		8.91	0.01065	PASS
	Extreme (20°C)		1.82	0.00217	PASS
	Extreme (10°C)		12.73	0.01522	PASS
	Extreme (0°C)		7.70	0.00920	PASS
	Extreme (-10°C)		3.14	0.00375	PASS
	Extreme (-20°C)		13.74	0.01643	PASS
	Extreme (-30°C)		12.04	0.01439	PASS
	25°C	LV	16.32	0.01951	PASS
		HV	10.95	0.01310	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	9.24	0.01104	PASS
	Extreme (40°C)		16.54	0.01978	PASS
	Extreme (30°C)		13.95	0.01667	PASS
	Extreme (20°C)		11.51	0.01376	PASS
	Extreme (10°C)		10.19	0.01218	PASS
	Extreme (0°C)		1.34	0.00161	PASS
	Extreme (-10°C)		4.66	0.00557	PASS
	Extreme (-20°C)		16.19	0.01935	PASS
	Extreme (-30°C)		10.25	0.01225	PASS
	25°C	LV	3.24	0.00387	PASS
		HV	12.26	0.01466	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	12.34	0.01476	PASS
	Extreme (40°C)		1.29	0.00154	PASS
	Extreme (30°C)		4.55	0.00544	PASS
	Extreme (20°C)		6.45	0.00772	PASS
	Extreme (10°C)		12.70	0.01519	PASS
	Extreme (0°C)		6.52	0.00779	PASS
	Extreme (-10°C)		11.74	0.01404	PASS
	Extreme (-20°C)		6.30	0.00753	PASS
	Extreme (-30°C)		2.63	0.00315	PASS
	25°C	LV	7.07	0.00845	PASS
		HV	6.19	0.00740	PASS

BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	15MHz			
	Temperature	Voltage	QPSK	QPSK	
BAND26 (824-849)	Extreme (50°C)	NV	2.34	0.00280	PASS
	Extreme (40°C)		14.82	0.01771	PASS
	Extreme (30°C)		6.24	0.00745	PASS
	Extreme (20°C)		1.39	0.00166	PASS
	Extreme (10°C)		7.64	0.00913	PASS
	Extreme (0°C)		9.25	0.01106	PASS
	Extreme (-10°C)		6.21	0.00742	PASS
	Extreme (-20°C)		7.71	0.00922	PASS
	Extreme (-30°C)		12.35	0.01476	PASS
	25°C	LV	1.68	0.00200	PASS
		HV	5.90	0.00706	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.17	0.01608	PASS
	Extreme (40°C)		7.93	0.00968	PASS
	Extreme (30°C)		1.58	0.00193	PASS
	Extreme (20°C)		13.57	0.01657	PASS
	Extreme (10°C)		2.50	0.00305	PASS
	Extreme (0°C)		5.37	0.00655	PASS
	Extreme (-10°C)		11.93	0.01457	PASS
	Extreme (-20°C)		5.92	0.00723	PASS
	Extreme (-30°C)		12.60	0.01538	PASS
	25°C	LV	4.78	0.00583	PASS
		HV	16.05	0.01960	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	14.62	0.01785	PASS
	Extreme (40°C)		15.47	0.01889	PASS
	Extreme (30°C)		15.40	0.01880	PASS
	Extreme (20°C)		14.02	0.01712	PASS
	Extreme (10°C)		15.42	0.01882	PASS
	Extreme (0°C)		2.25	0.00274	PASS

	Extreme (-10°C)		14.15	0.01728	PASS
	Extreme (-20°C)		13.35	0.01630	PASS
	Extreme (-30°C)		3.53	0.00431	PASS
	25°C	LV	4.37	0.00533	PASS
		HV	16.76	0.02046	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	4.52	0.00552	PASS
	Extreme (40°C)		4.35	0.00532	PASS
	Extreme (30°C)		6.20	0.00757	PASS
	Extreme (20°C)		14.05	0.01716	PASS
	Extreme (10°C)		4.83	0.00589	PASS
	Extreme (0°C)		17.23	0.02103	PASS
	Extreme (-10°C)		13.67	0.01669	PASS
	Extreme (-20°C)		8.01	0.00978	PASS
	Extreme (-30°C)		17.57	0.02146	PASS
	25°C	LV	16.25	0.01984	PASS
		HV	14.07	0.01718	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	14.67	0.01791	PASS
	Extreme (40°C)		1.81	0.00221	PASS
	Extreme (30°C)		6.84	0.00835	PASS
	Extreme (20°C)		3.76	0.00459	PASS
	Extreme (10°C)		17.70	0.02162	PASS
	Extreme (0°C)		10.95	0.01337	PASS
	Extreme (-10°C)		13.66	0.01668	PASS
	Extreme (-20°C)		13.69	0.01671	PASS
	Extreme (-30°C)		1.73	0.00211	PASS
	25°C	LV	4.12	0.00503	PASS
		HV	13.01	0.01589	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	1850.074	1850.326	1850-1910	PASS
	Extreme (40°C)		1850.077	1850.323	1850-1910	PASS
	Extreme (30°C)		1850.064	1850.336	1850-1910	PASS
	Extreme (20°C)		1850.067	1850.333	1850-1910	PASS
	Extreme (10°C)		1850.079	1850.321	1850-1910	PASS
	Extreme (0°C)		1850.067	1850.333	1850-1910	PASS
	Extreme (-10°C)		1850.075	1850.325	1850-1910	PASS
	Extreme (-20°C)		1850.072	1850.328	1850-1910	PASS
	Extreme (-30°C)		1850.079	1850.321	1850-1910	PASS
	25°C	LV	1850.078	1850.322	1850-1910	PASS
		HV	1850.079	1850.321	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	1909.678	1909.922	1850-1910	PASS
	Extreme (40°C)		1909.673	1909.927	1850-1910	PASS
	Extreme (30°C)		1909.674	1909.926	1850-1910	PASS
	Extreme (20°C)		1909.679	1909.921	1850-1910	PASS
	Extreme (10°C)		1909.676	1909.924	1850-1910	PASS
	Extreme (0°C)		1909.679	1909.921	1850-1910	PASS
	Extreme (-10°C)		1909.675	1909.925	1850-1910	PASS
	Extreme (-20°C)		1909.667	1909.933	1850-1910	PASS
	Extreme (-30°C)		1909.673	1909.927	1850-1910	PASS
	25°C	LV	1909.673	1909.927	1850-1910	PASS
		HV	1909.678	1909.922	1850-1910	PASS

WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	Bandwidth	5MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.325	1854.475	1850-1910	PASS
	Extreme (40°C)		1850.318	1854.482	1850-1910	PASS
	Extreme (30°C)		1850.320	1854.480	1850-1910	PASS
	Extreme (20°C)		1850.329	1854.471	1850-1910	PASS
	Extreme (10°C)		1850.328	1854.472	1850-1910	PASS
	Extreme (0°C)		1850.317	1854.483	1850-1910	PASS
	Extreme (-10°C)		1850.329	1854.471	1850-1910	PASS
	Extreme (-20°C)		1850.317	1854.483	1850-1910	PASS
	Extreme (-30°C)		1850.325	1854.475	1850-1910	PASS
	25°C	LV	1850.323	1854.477	1850-1910	PASS
		HV	1850.321	1854.479	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	Bandwidth	5MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.323	1714.477	1710-1755	PASS
	Extreme (40°C)		1710.325	1714.475	1710-1755	PASS
	Extreme (30°C)		1710.318	1714.482	1710-1755	PASS
	Extreme (20°C)		1710.329	1714.471	1710-1755	PASS
	Extreme (10°C)		1710.323	1714.477	1710-1755	PASS
	Extreme (0°C)		1710.326	1714.474	1710-1755	PASS
	Extreme (-10°C)		1710.321	1714.479	1710-1755	PASS
	Extreme (-20°C)		1710.326	1714.474	1710-1755	PASS
	Extreme (-30°C)		1710.325	1714.475	1710-1755	PASS
	25°C	LV	1710.318	1714.482	1710-1755	PASS
		HV	1710.317	1714.483	1710-1755	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	Bandwidth	5MHz				

	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.516	1909.684	1850-1910	PASS
	Extreme (40℃)		1905.521	1909.679	1850-1910	PASS
	Extreme (30℃)		1905.517	1909.683	1850-1910	PASS
	Extreme (20℃)		1905.524	1909.676	1850-1910	PASS
	Extreme (10℃)		1905.529	1909.671	1850-1910	PASS
	Extreme (0℃)		1905.517	1909.683	1850-1910	PASS
	Extreme (-10℃)		1905.524	1909.676	1850-1910	PASS
	Extreme (-20℃)		1905.526	1909.674	1850-1910	PASS
	Extreme (-30℃)		1905.527	1909.673	1850-1910	PASS
	25℃	LV	1905.518	1909.682	1850-1910	PASS
		HV	1905.528	1909.672	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1750.517	1754.683	1710-1755	PASS
	Extreme (40℃)		1750.521	1754.679	1710-1755	PASS
	Extreme (30℃)		1750.518	1754.682	1710-1755	PASS
	Extreme (20℃)		1750.523	1754.677	1710-1755	PASS
	Extreme (10℃)		1750.521	1754.679	1710-1755	PASS
	Extreme (0℃)		1750.526	1754.674	1710-1755	PASS
	Extreme (-10℃)		1750.527	1754.673	1710-1755	PASS
	Extreme (-20℃)		1750.529	1754.671	1710-1755	PASS
	Extreme (-30℃)		1750.520	1754.680	1710-1755	PASS
	25℃	LV	1750.527	1754.673	1710-1755	PASS
		HV	1750.516	1754.684	1710-1755	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.147	1851.253	1850-1910	PASS
	Extreme (40°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (30°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (20°C)		1850.145	1851.255	1850-1910	PASS
	Extreme (10°C)		1850.148	1851.252	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)		1850.150	1851.250	1850-1910	PASS
	Extreme (-30°C)		1850.149	1851.251	1850-1910	PASS
	25°C	LV	1850.147	1851.253	1850-1910	PASS
		HV	1850.145	1851.255	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.145	1852.855	1850-1910	PASS
	Extreme (40°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (30°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (20°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (10°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (0°C)		1850.150	1852.850	1850-1910	PASS
	Extreme (-10°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (-20°C)		1850.145	1852.855	1850-1910	PASS
	Extreme (-30°C)		1850.145	1852.855	1850-1910	PASS
	25°C	LV	1850.150	1852.850	1850-1910	PASS
		HV	1850.147	1852.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.254	1854.746	1850-1910	PASS
	Extreme (40°C)		1850.237	1854.763	1850-1910	PASS
	Extreme (30°C)		1850.219	1854.781	1850-1910	PASS
	Extreme (20°C)		1850.269	1854.731	1850-1910	PASS
	Extreme (10°C)		1850.296	1854.704	1850-1910	PASS
	Extreme (0°C)		1850.200	1854.800	1850-1910	PASS

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	Extreme (-10℃)		1850.262	1854.738	1850-1910	PASS
	Extreme (-20℃)		1850.266	1854.734	1850-1910	PASS
	Extreme (-30℃)		1850.242	1854.758	1850-1910	PASS
	25℃	LV	1850.278	1854.722	1850-1910	PASS
		HV	1850.271	1854.729	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	1850.509	1859.491	1850-1910	PASS
	Extreme (40℃)		1850.587	1859.413	1850-1910	PASS
	Extreme (30℃)		1850.518	1859.482	1850-1910	PASS
	Extreme (20℃)		1850.514	1859.486	1850-1910	PASS
	Extreme (10℃)		1850.620	1859.380	1850-1910	PASS
	Extreme (0℃)		1850.542	1859.458	1850-1910	PASS
	Extreme (-10℃)		1850.535	1859.465	1850-1910	PASS
	Extreme (-20℃)		1850.609	1859.391	1850-1910	PASS
	Extreme (-30℃)		1850.538	1859.462	1850-1910	PASS
	25℃	LV	1850.576	1859.424	1850-1910	PASS
		HV	1850.637	1859.363	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	1850.774	1864.226	1850-1910	PASS
	Extreme (40℃)		1850.739	1864.261	1850-1910	PASS
	Extreme (30℃)		1850.709	1864.291	1850-1910	PASS
	Extreme (20℃)		1850.758	1864.242	1850-1910	PASS
	Extreme (10℃)		1850.740	1864.260	1850-1910	PASS
	Extreme (0℃)		1850.725	1864.275	1850-1910	PASS
	Extreme (-10℃)		1850.780	1864.220	1850-1910	PASS
	Extreme (-20℃)		1850.708	1864.292	1850-1910	PASS
	Extreme (-30℃)		1850.773	1864.227	1850-1910	PASS
	25℃	LV	1850.745	1864.255	1850-1910	PASS
		HV	1850.717	1864.283	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	1851.019	1868.981	1850-1910	PASS
	Extreme (40℃)		1851.025	1868.975	1850-1910	PASS

	Extreme (30°C)		1851.025	1868.975	1850-1910	PASS
	Extreme (20°C)		1851.005	1868.995	1850-1910	PASS
	Extreme (10°C)		1851.022	1868.978	1850-1910	PASS
	Extreme (0°C)		1851.025	1868.975	1850-1910	PASS
	Extreme (-10°C)		1851.001	1868.999	1850-1910	PASS
	Extreme (-20°C)		1851.033	1868.967	1850-1910	PASS
	Extreme (-30°C)		1851.047	1868.953	1850-1910	PASS
	25°C	LV	1851.033	1868.967	1850-1910	PASS
		HV	1851.023	1868.977	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1908.746	1909.854	1850-1910	PASS
	Extreme (40°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (30°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (20°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (10°C)		1908.748	1909.852	1850-1910	PASS
	Extreme (0°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (-10°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (-20°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (-30°C)		1908.748	1909.852	1850-1910	PASS
	25°C	LV	1908.749	1909.851	1850-1910	PASS
		HV	1908.745	1909.855	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1907.147	1909.853	1850-1910	PASS
	Extreme (40°C)		1907.145	1909.855	1850-1910	PASS
	Extreme (30°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (20°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (10°C)		1907.147	1909.853	1850-1910	PASS
	Extreme (0°C)		1907.150	1909.850	1850-1910	PASS
	Extreme (-10°C)		1907.149	1909.851	1850-1910	PASS
	Extreme (-20°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (-30°C)		1907.146	1909.854	1850-1910	PASS
	25°C	LV	1907.146	1909.854	1850-1910	PASS
		HV	1907.150	1909.850	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1907.5	BANDWIDTH		5MHz				
	Temperature		Voltage	QPSK			
	Extreme（50℃）		NV	1905.261	1909.739	1850-1910	PASS
	Extreme（40℃）			1905.288	1909.712	1850-1910	PASS
	Extreme（30℃）			1905.298	1909.702	1850-1910	PASS
	Extreme（20℃）			1905.260	1909.740	1850-1910	PASS
	Extreme（10℃）			1905.259	1909.741	1850-1910	PASS
	Extreme（0℃）			1905.281	1909.719	1850-1910	PASS
	Extreme（-10℃）			1905.221	1909.779	1850-1910	PASS
	Extreme（-20℃）			1905.270	1909.730	1850-1910	PASS
	Extreme（-30℃）			1905.281	1909.719	1850-1910	PASS
	25℃		LV	1905.285	1909.715	1850-1910	PASS
			HV	1905.243	1909.757	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	1900.575	1909.425	1850-1910	PASS
	Extreme（40℃）			1900.593	1909.407	1850-1910	PASS
	Extreme（30℃）			1900.507	1909.493	1850-1910	PASS
	Extreme（20℃）			1900.616	1909.384	1850-1910	PASS
	Extreme（10℃）			1900.521	1909.479	1850-1910	PASS
	Extreme（0℃）			1900.607	1909.393	1850-1910	PASS
	Extreme（-10℃）			1900.527	1909.473	1850-1910	PASS
	Extreme（-20℃）			1900.517	1909.483	1850-1910	PASS
	Extreme（-30℃）			1900.633	1909.367	1850-1910	PASS
	25℃		LV	1900.517	1909.483	1850-1910	PASS
			HV	1900.512	1909.488	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	1895.718	1909.282	1850-1910	PASS
	Extreme（40℃）			1895.787	1909.213	1850-1910	PASS
	Extreme（30℃）			1895.758	1909.242	1850-1910	PASS
	Extreme（20℃）			1895.764	1909.236	1850-1910	PASS
	Extreme（10℃）			1895.746	1909.254	1850-1910	PASS
	Extreme（0℃）			1895.786	1909.214	1850-1910	PASS
	Extreme（-10℃）			1895.763	1909.237	1850-1910	PASS
	Extreme（-20℃）			1895.716	1909.284	1850-1910	PASS
	Extreme（-30℃）			1895.716	1909.284	1850-1910	PASS

	25°C	LV	1895.795	1909.205	1850-1910	PASS
		HV	1895.769	1909.231	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1890.903	1909.097	1850-1910	PASS
	Extreme (40°C)		1890.971	1909.029	1850-1910	PASS
	Extreme (30°C)		1890.926	1909.074	1850-1910	PASS
	Extreme (20°C)		1890.971	1909.029	1850-1910	PASS
	Extreme (10°C)		1890.970	1909.030	1850-1910	PASS
	Extreme (0°C)		1890.948	1909.052	1850-1910	PASS
	Extreme (-10°C)		1890.944	1909.056	1850-1910	PASS
	Extreme (-20°C)		1890.991	1909.009	1850-1910	PASS
	Extreme (-30°C)		1890.906	1909.094	1850-1910	PASS
	25°C	LV	1890.980	1909.020	1850-1910	PASS
		HV	1890.902	1909.098	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	1710.146	1711.254	1710-1755	PASS
	Extreme (40°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (30°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (20°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (10°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (0°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (-10°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (-20°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (-30°C)		1710.147	1711.253	1710-1755	PASS
	25°C	LV	1710.149	1711.251	1710-1755	PASS
		HV	1710.146	1711.254	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	1710.149	1712.851	1710-1755	PASS
	Extreme (40°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (30°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (20°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (10°C)		1710.148	1712.852	1710-1755	PASS

	Extreme (0℃)		1710.146	1712.854	1710-1755	PASS
	Extreme (-10℃)		1710.149	1712.851	1710-1755	PASS
	Extreme (-20℃)		1710.147	1712.853	1710-1755	PASS
	Extreme (-30℃)		1710.147	1712.853	1710-1755	PASS
	25℃	LV	1710.148	1712.852	1710-1755	PASS
		HV	1710.150	1712.850	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	1710.223	1714.777	1710-1755	PASS
	Extreme (40℃)		1710.221	1714.779	1710-1755	PASS
	Extreme (30℃)		1710.220	1714.780	1710-1755	PASS
	Extreme (20℃)		1710.261	1714.739	1710-1755	PASS
	Extreme (10℃)		1710.252	1714.748	1710-1755	PASS
	Extreme (0℃)		1710.272	1714.728	1710-1755	PASS
	Extreme (-10℃)		1710.266	1714.734	1710-1755	PASS
	Extreme (-20℃)		1710.267	1714.733	1710-1755	PASS
	Extreme (-30℃)		1710.296	1714.704	1710-1755	PASS
	25℃	LV	1710.285	1714.715	1710-1755	PASS
		HV	1710.237	1714.763	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	1710.623	1719.377	1710-1755	PASS
	Extreme (40℃)		1710.627	1719.373	1710-1755	PASS
	Extreme (30℃)		1710.578	1719.422	1710-1755	PASS
	Extreme (20℃)		1710.559	1719.441	1710-1755	PASS
	Extreme (10℃)		1710.595	1719.405	1710-1755	PASS
	Extreme (0℃)		1710.608	1719.392	1710-1755	PASS
	Extreme (-10℃)		1710.555	1719.445	1710-1755	PASS
	Extreme (-20℃)		1710.510	1719.490	1710-1755	PASS
	Extreme (-30℃)		1710.566	1719.434	1710-1755	PASS
	25℃	LV	1710.585	1719.415	1710-1755	PASS
		HV	1710.534	1719.466	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	1710.732	1724.268	1710-1755	PASS

	Extreme (40°C)		1710.782	1724.218	1710-1755	PASS
	Extreme (30°C)		1710.703	1724.297	1710-1755	PASS
	Extreme (20°C)		1710.797	1724.203	1710-1755	PASS
	Extreme (10°C)		1710.784	1724.216	1710-1755	PASS
	Extreme (0°C)		1710.714	1724.286	1710-1755	PASS
	Extreme (-10°C)		1710.792	1724.208	1710-1755	PASS
	Extreme (-20°C)		1710.791	1724.209	1710-1755	PASS
	Extreme (-30°C)		1710.729	1724.271	1710-1755	PASS
	25°C	LV	1710.746	1724.254	1710-1755	PASS
		HV	1710.772	1724.228	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.032	1728.968	1710-1755	PASS
	Extreme (40°C)		1711.004	1728.996	1710-1755	PASS
	Extreme (30°C)		1711.049	1728.951	1710-1755	PASS
	Extreme (20°C)		1711.034	1728.966	1710-1755	PASS
	Extreme (10°C)		1711.025	1728.975	1710-1755	PASS
	Extreme (0°C)		1711.018	1728.982	1710-1755	PASS
	Extreme (-10°C)		1711.011	1728.989	1710-1755	PASS
	Extreme (-20°C)		1711.037	1728.963	1710-1755	PASS
	Extreme (-30°C)		1711.024	1728.976	1710-1755	PASS
	25°C	LV	1711.044	1728.956	1710-1755	PASS
		HV	1711.032	1728.968	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1753.747	1754.853	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)		1753.746	1754.854	1710-1755	PASS
	Extreme (10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (0°C)		1753.750	1754.850	1710-1755	PASS
	Extreme (-10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-20°C)		1753.746	1754.854	1710-1755	PASS
	Extreme (-30°C)		1753.747	1754.853	1710-1755	PASS
	25°C	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

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1753.5	BANDWIDTH		3MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	1752.145	1754.855	1710-1755	PASS
	Extreme (40℃)			1752.149	1754.851	1710-1755	PASS
	Extreme (30℃)			1752.146	1754.854	1710-1755	PASS
	Extreme (20℃)			1752.149	1754.851	1710-1755	PASS
	Extreme (10℃)			1752.148	1754.852	1710-1755	PASS
	Extreme (0℃)			1752.148	1754.852	1710-1755	PASS
	Extreme (-10℃)			1752.146	1754.854	1710-1755	PASS
	Extreme (-20℃)			1752.147	1754.853	1710-1755	PASS
	Extreme (-30℃)			1752.146	1754.854	1710-1755	PASS
	25℃		LV	1752.148	1754.852	1710-1755	PASS
			HV	1752.150	1754.850	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	1750.260	1754.740	1710-1755	PASS
	Extreme (40℃)			1750.284	1754.716	1710-1755	PASS
	Extreme (30℃)			1750.241	1754.759	1710-1755	PASS
	Extreme (20℃)			1750.241	1754.759	1710-1755	PASS
	Extreme (10℃)			1750.299	1754.701	1710-1755	PASS
	Extreme (0℃)			1750.235	1754.765	1710-1755	PASS
	Extreme (-10℃)			1750.270	1754.730	1710-1755	PASS
	Extreme (-20℃)			1750.259	1754.741	1710-1755	PASS
	Extreme (-30℃)			1750.294	1754.706	1710-1755	PASS
	25℃		LV	1750.229	1754.771	1710-1755	PASS
			HV	1750.290	1754.710	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	1745.556	1754.444	1710-1755	PASS
	Extreme (40℃)			1745.544	1754.456	1710-1755	PASS
	Extreme (30℃)			1745.628	1754.372	1710-1755	PASS
	Extreme (20℃)			1745.606	1754.394	1710-1755	PASS
	Extreme (10℃)			1745.537	1754.463	1710-1755	PASS
	Extreme (0℃)			1745.586	1754.414	1710-1755	PASS
	Extreme (-10℃)			1745.605	1754.395	1710-1755	PASS
	Extreme (-20℃)			1745.586	1754.414	1710-1755	PASS
	Extreme (-30℃)			1745.599	1754.401	1710-1755	PASS

	25°C	LV	1745.512	1754.488	1710-1755	PASS
		HV	1745.535	1754.465	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1740.758	1754.242	1710-1755	PASS
	Extreme (40°C)		1740.732	1754.268	1710-1755	PASS
	Extreme (30°C)		1740.700	1754.300	1710-1755	PASS
	Extreme (20°C)		1740.759	1754.241	1710-1755	PASS
	Extreme (10°C)		1740.779	1754.221	1710-1755	PASS
	Extreme (0°C)		1740.795	1754.205	1710-1755	PASS
	Extreme (-10°C)		1740.760	1754.240	1710-1755	PASS
	Extreme (-20°C)		1740.730	1754.270	1710-1755	PASS
	Extreme (-30°C)		1740.749	1754.251	1710-1755	PASS
	25°C	LV	1740.712	1754.288	1710-1755	PASS
		HV	1740.755	1754.245	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	BANDWIDTH	20MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1735.945	1754.055	1710-1755	PASS
	Extreme (40°C)		1735.943	1754.057	1710-1755	PASS
	Extreme (30°C)		1735.986	1754.014	1710-1755	PASS
	Extreme (20°C)		1735.947	1754.053	1710-1755	PASS
	Extreme (10°C)		1735.992	1754.008	1710-1755	PASS
	Extreme (0°C)		1735.957	1754.043	1710-1755	PASS
	Extreme (-10°C)		1735.943	1754.057	1710-1755	PASS
	Extreme (-20°C)		1735.993	1754.007	1710-1755	PASS
	Extreme (-30°C)		1735.996	1754.004	1710-1755	PASS
	25°C	LV	1735.982	1754.018	1710-1755	PASS
		HV	1735.918	1754.082	1710-1755	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.220	2504.780	2500-2570	PASS
	Extreme (40°C)		2500.243	2504.757	2500-2570	PASS
	Extreme (30°C)		2500.279	2504.721	2500-2570	PASS
	Extreme (20°C)		2500.241	2504.759	2500-2570	PASS
	Extreme (10°C)		2500.235	2504.765	2500-2570	PASS

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	Extreme (0℃)		2500.292	2504.708	2500-2570	PASS
	Extreme (-10℃)		2500.238	2504.762	2500-2570	PASS
	Extreme (-20℃)		2500.236	2504.764	2500-2570	PASS
	Extreme (-30℃)		2500.201	2504.799	2500-2570	PASS
	25℃	LV	2500.260	2504.740	2500-2570	PASS
		HV	2500.216	2504.784	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	2500.510	2509.490	2500-2570	PASS
	Extreme (40℃)		2500.530	2509.470	2500-2570	PASS
	Extreme (30℃)		2500.545	2509.455	2500-2570	PASS
	Extreme (20℃)		2500.625	2509.375	2500-2570	PASS
	Extreme (10℃)		2500.638	2509.362	2500-2570	PASS
	Extreme (0℃)		2500.521	2509.479	2500-2570	PASS
	Extreme (-10℃)		2500.508	2509.492	2500-2570	PASS
	Extreme (-20℃)		2500.518	2509.482	2500-2570	PASS
	Extreme (-30℃)		2500.591	2509.409	2500-2570	PASS
	25℃	LV	2500.605	2509.395	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				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2500.733	2514.267	2500-2570	PASS
	Extreme (40℃)		2500.707	2514.293	2500-2570	PASS
	Extreme (30℃)		2500.742	2514.258	2500-2570	PASS
	Extreme (20℃)		2500.779	2514.221	2500-2570	PASS
	Extreme (10℃)		2500.764	2514.236	2500-2570	PASS
	Extreme (0℃)		2500.768	2514.232	2500-2570	PASS
	Extreme (-10℃)		2500.741	2514.259	2500-2570	PASS
	Extreme (-20℃)		2500.782	2514.218	2500-2570	PASS
	Extreme (-30℃)		2500.785	2514.215	2500-2570	PASS
	25℃	LV	2500.797	2514.203	2500-2570	PASS
		HV	2500.730	2514.270	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℃)		2501.022	2518.978	2500-2570	PASS
	Extreme (30℃)		2501.049	2518.951	2500-2570	PASS
	Extreme (20℃)		2501.018	2518.982	2500-2570	PASS
	Extreme (10℃)		2501.033	2518.967	2500-2570	PASS
	Extreme (0℃)		2501.037	2518.963	2500-2570	PASS
	Extreme (-10℃)		2501.045	2518.955	2500-2570	PASS
	Extreme (-20℃)		2501.040	2518.960	2500-2570	PASS
	Extreme (-30℃)		2501.036	2518.964	2500-2570	PASS
	25℃	LV	2501.002	2518.998	2500-2570	PASS
HV		2501.023	2518.977	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	2565.203	2569.797	2500-2570	PASS
	Extreme (40℃)		2565.209	2569.791	2500-2570	PASS
	Extreme (30℃)		2565.272	2569.728	2500-2570	PASS
	Extreme (20℃)		2565.288	2569.712	2500-2570	PASS
	Extreme (10℃)		2565.289	2569.711	2500-2570	PASS
	Extreme (0℃)		2565.278	2569.722	2500-2570	PASS
	Extreme (-10℃)		2565.202	2569.798	2500-2570	PASS
	Extreme (-20℃)		2565.213	2569.787	2500-2570	PASS
	Extreme (-30℃)	2565.273	2569.727	2500-2570	PASS	
	25℃	LV	2565.233	2569.767	2500-2570	PASS
HV		2565.272	2569.728	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	2560.541	2569.459	2500-2570	PASS
	Extreme (40℃)		2560.598	2569.402	2500-2570	PASS
	Extreme (30℃)		2560.650	2569.350	2500-2570	PASS
	Extreme (20℃)		2560.544	2569.456	2500-2570	PASS
	Extreme (10℃)		2560.547	2569.453	2500-2570	PASS
	Extreme (0℃)		2560.579	2569.421	2500-2570	PASS
	Extreme (-10℃)		2560.574	2569.426	2500-2570	PASS
	Extreme (-20℃)		2560.527	2569.473	2500-2570	PASS
	Extreme (-30℃)	2560.531	2569.469	2500-2570	PASS	
	25℃	LV	2560.512	2569.488	2500-2570	PASS
HV		2560.620	2569.380	2500-2570	PASS	
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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2562.5	BANDWIDTH		15MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	2555.795	2569.205	2500-2570	PASS
	Extreme (40℃)			2555.768	2569.232	2500-2570	PASS
	Extreme (30℃)			2555.769	2569.231	2500-2570	PASS
	Extreme (20℃)			2555.777	2569.223	2500-2570	PASS
	Extreme (10℃)			2555.714	2569.286	2500-2570	PASS
	Extreme (0℃)			2555.766	2569.234	2500-2570	PASS
	Extreme (-10℃)			2555.777	2569.223	2500-2570	PASS
	Extreme (-20℃)			2555.741	2569.259	2500-2570	PASS
	Extreme (-30℃)			2555.773	2569.227	2500-2570	PASS
	25℃		LV	2555.749	2569.251	2500-2570	PASS
			HV	2555.719	2569.281	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	2550.932	2569.068	2500-2570	PASS
	Extreme (40℃)			2550.904	2569.096	2500-2570	PASS
	Extreme (30℃)			2550.902	2569.098	2500-2570	PASS
	Extreme (20℃)			2550.968	2569.032	2500-2570	PASS
	Extreme (10℃)			2550.975	2569.025	2500-2570	PASS
	Extreme (0℃)			2550.907	2569.093	2500-2570	PASS
	Extreme (-10℃)			2550.986	2569.014	2500-2570	PASS
	Extreme (-20℃)			2550.989	2569.011	2500-2570	PASS
	Extreme (-30℃)			2550.935	2569.065	2500-2570	PASS
	25℃		LV	2550.937	2569.063	2500-2570	PASS
			HV	2550.996	2569.004	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	699.150	700.250	699-716	PASS
	Extreme (40℃)			699.149	700.251	699-716	PASS
	Extreme (30℃)			699.146	700.254	699-716	PASS
	Extreme (20℃)			699.145	700.255	699-716	PASS
	Extreme (10℃)			699.147	700.253	699-716	PASS
	Extreme (0℃)			699.150	700.250	699-716	PASS
	Extreme (-10℃)			699.146	700.254	699-716	PASS
	Extreme (-20℃)			699.147	700.253	699-716	PASS
	Extreme (-30℃)			699.149	700.251	699-716	PASS

	25°C	LV	699.145	700.255	699-716	PASS
		HV	699.149	700.251	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	699.149	701.851	699-716	PASS
	Extreme (40°C)		699.149	701.851	699-716	PASS
	Extreme (30°C)		699.149	701.851	699-716	PASS
	Extreme (20°C)		699.149	701.851	699-716	PASS
	Extreme (10°C)		699.148	701.852	699-716	PASS
	Extreme (0°C)		699.145	701.855	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)		699.145	701.855	699-716	PASS
	25°C	LV	699.149	701.851	699-716	PASS
		HV	699.149	701.851	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	699.273	703.727	699-716	PASS
	Extreme (40°C)		699.284	703.716	699-716	PASS
	Extreme (30°C)		699.270	703.730	699-716	PASS
	Extreme (20°C)		699.268	703.732	699-716	PASS
	Extreme (10°C)		699.220	703.780	699-716	PASS
	Extreme (0°C)		699.270	703.730	699-716	PASS
	Extreme (-10°C)		699.241	703.759	699-716	PASS
	Extreme (-20°C)		699.289	703.711	699-716	PASS
	Extreme (-30°C)		699.210	703.790	699-716	PASS
	25°C	LV	699.289	703.711	699-716	PASS
		HV	699.293	703.707	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	699.618	708.382	699-716	PASS
	Extreme (40°C)		699.622	708.378	699-716	PASS
	Extreme (30°C)		699.616	708.384	699-716	PASS
	Extreme (20°C)		699.626	708.374	699-716	PASS
	Extreme (10°C)		699.525	708.475	699-716	PASS

	Extreme (0℃)		699.595	708.405	699-716	PASS
	Extreme (-10℃)		699.637	708.363	699-716	PASS
	Extreme (-20℃)		699.511	708.489	699-716	PASS
	Extreme (-30℃)		699.543	708.457	699-716	PASS
	25℃	LV	699.534	708.466	699-716	PASS
		HV	699.549	708.451	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	714.746	715.854	699-716	PASS
	Extreme (40℃)		714.749	715.851	699-716	PASS
	Extreme (30℃)		714.749	715.851	699-716	PASS
	Extreme (20℃)		714.747	715.853	699-716	PASS
	Extreme (10℃)		714.746	715.854	699-716	PASS
	Extreme (0℃)		714.749	715.851	699-716	PASS
	Extreme (-10℃)		714.746	715.854	699-716	PASS
	Extreme (-20℃)		714.747	715.853	699-716	PASS
	Extreme (-30℃)		714.749	715.851	699-716	PASS
	25℃	LV	714.749	715.851	699-716	PASS
		HV	714.749	715.851	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℃)		713.146	715.854	699-716	PASS
	Extreme (30℃)		713.149	715.851	699-716	PASS
	Extreme (20℃)		713.146	715.854	699-716	PASS
	Extreme (10℃)		713.148	715.852	699-716	PASS
	Extreme (0℃)		713.149	715.851	699-716	PASS
	Extreme (-10℃)		713.146	715.854	699-716	PASS
	Extreme (-20℃)		713.146	715.854	699-716	PASS
	Extreme (-30℃)		713.148	715.852	699-716	PASS
	25℃	LV	713.147	715.853	699-716	PASS
		HV	713.148	715.852	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	711.238	715.762	699-716	PASS

	Extreme (40°C)		711.266	715.734	699-716	PASS
	Extreme (30°C)		711.285	715.715	699-716	PASS
	Extreme (20°C)		711.279	715.721	699-716	PASS
	Extreme (10°C)		711.224	715.776	699-716	PASS
	Extreme (0°C)		711.260	715.740	699-716	PASS
	Extreme (-10°C)		711.235	715.765	699-716	PASS
	Extreme (-20°C)		711.265	715.735	699-716	PASS
	Extreme (-30°C)		711.213	715.787	699-716	PASS
	25°C	LV	711.226	715.774	699-716	PASS
		HV	711.221	715.779	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	706.519	715.481	699-716	PASS
	Extreme (40°C)		706.521	715.479	699-716	PASS
	Extreme (30°C)		706.521	715.479	699-716	PASS
	Extreme (20°C)		706.638	715.362	699-716	PASS
	Extreme (10°C)		706.624	715.376	699-716	PASS
	Extreme (0°C)		706.619	715.381	699-716	PASS
	Extreme (-10°C)		706.617	715.383	699-716	PASS
	Extreme (-20°C)		706.595	715.405	699-716	PASS
	Extreme (-30°C)		706.504	715.496	699-716	PASS
	25°C	LV	706.623	715.377	699-716	PASS
		HV	706.611	715.389	699-716	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	777.283	781.717	777-787	PASS
	Extreme (40°C)		777.271	781.729	777-787	PASS
	Extreme (30°C)		777.241	781.759	777-787	PASS
	Extreme (20°C)		777.221	781.779	777-787	PASS
	Extreme (10°C)		777.235	781.765	777-787	PASS
	Extreme (0°C)		777.219	781.781	777-787	PASS
	Extreme (-10°C)		777.239	781.761	777-787	PASS
	Extreme (-20°C)		777.288	781.712	777-787	PASS
	Extreme (-30°C)		777.269	781.731	777-787	PASS
	25°C	LV	777.203	781.797	777-787	PASS
		HV	777.278	781.722	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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782	BANDWIDTH		10MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	777.611	786.389	777-787	PASS
	Extreme (40℃)			777.523	786.477	777-787	PASS
	Extreme (30℃)			777.615	786.385	777-787	PASS
	Extreme (20℃)			777.523	786.477	777-787	PASS
	Extreme (10℃)			777.579	786.421	777-787	PASS
	Extreme (0℃)			777.587	786.413	777-787	PASS
	Extreme (-10℃)			777.602	786.398	777-787	PASS
	Extreme (-20℃)			777.574	786.426	777-787	PASS
	Extreme (-30℃)			777.635	786.365	777-787	PASS
	25℃		LV	777.615	786.385	777-787	PASS
			HV	777.531	786.469	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	782.200	786.800	777-787	PASS
	Extreme (40℃)			782.204	786.796	777-787	PASS
	Extreme (30℃)			782.294	786.706	777-787	PASS
	Extreme (20℃)			782.200	786.800	777-787	PASS
	Extreme (10℃)			782.211	786.789	777-787	PASS
	Extreme (0℃)			782.203	786.797	777-787	PASS
	Extreme (-10℃)			782.226	786.774	777-787	PASS
	Extreme (-20℃)			782.279	786.721	777-787	PASS
	Extreme (-30℃)			782.231	786.769	777-787	PASS
	25℃		LV	782.241	786.759	777-787	PASS
			HV	782.296	786.704	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	704.234	708.766	704-716	PASS
	Extreme (40℃)			704.282	708.718	704-716	PASS
	Extreme (30℃)			704.212	708.788	704-716	PASS
	Extreme (20℃)			704.216	708.784	704-716	PASS
	Extreme (10℃)			704.259	708.741	704-716	PASS
	Extreme (0℃)			704.297	708.703	704-716	PASS
	Extreme (-10℃)			704.272	708.728	704-716	PASS
	Extreme (-20℃)			704.223	708.777	704-716	PASS
	Extreme (-30℃)			704.277	708.723	704-716	PASS

	25°C	LV	704.260	708.740	704-716	PASS
		HV	704.215	708.785	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	704.601	713.399	704-716	PASS
	Extreme (40°C)		704.606	713.394	704-716	PASS
	Extreme (30°C)		704.522	713.478	704-716	PASS
	Extreme (20°C)		704.646	713.354	704-716	PASS
	Extreme (10°C)		704.591	713.409	704-716	PASS
	Extreme (0°C)		704.572	713.428	704-716	PASS
	Extreme (-10°C)		704.644	713.356	704-716	PASS
	Extreme (-20°C)		704.618	713.382	704-716	PASS
	Extreme (-30°C)		704.618	713.382	704-716	PASS
	25°C	LV	704.578	713.422	704-716	PASS
		HV	704.592	713.408	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	711.294	715.706	704-716	PASS
	Extreme (40°C)		711.246	715.754	704-716	PASS
	Extreme (30°C)		711.204	715.796	704-716	PASS
	Extreme (20°C)		711.203	715.797	704-716	PASS
	Extreme (10°C)		711.281	715.719	704-716	PASS
	Extreme (0°C)		711.216	715.784	704-716	PASS
	Extreme (-10°C)		711.260	715.740	704-716	PASS
	Extreme (-20°C)		711.254	715.746	704-716	PASS
	Extreme (-30°C)		711.208	715.792	704-716	PASS
	25°C	LV	711.257	715.743	704-716	PASS
		HV	711.259	715.741	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	706.611	715.389	704-716	PASS
	Extreme (40°C)		706.533	715.467	704-716	PASS
	Extreme (30°C)		706.643	715.357	704-716	PASS
	Extreme (20°C)		706.538	715.462	704-716	PASS
	Extreme (10°C)		706.566	715.434	704-716	PASS

	Extreme (0℃)		706.580	715.420	704-716	PASS
	Extreme (-10℃)		706.508	715.492	704-716	PASS
	Extreme (-20℃)		706.622	715.378	704-716	PASS
	Extreme (-30℃)		706.638	715.362	704-716	PASS
	25℃	LV	706.600	715.400	704-716	PASS
		HV	706.586	715.414	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	2570.248	2574.752	2570-2620	PASS
	Extreme (40℃)		2570.228	2574.772	2570-2620	PASS
	Extreme (30℃)		2570.255	2574.745	2570-2620	PASS
	Extreme (20℃)		2570.211	2574.789	2570-2620	PASS
	Extreme (10℃)		2570.252	2574.748	2570-2620	PASS
	Extreme (0℃)		2570.264	2574.736	2570-2620	PASS
	Extreme (-10℃)		2570.236	2574.764	2570-2620	PASS
	Extreme (-20℃)		2570.294	2574.706	2570-2620	PASS
	Extreme (-30℃)		2570.242	2574.758	2570-2620	PASS
	25℃	LV	2570.219	2574.781	2570-2620	PASS
		HV	2570.276	2574.724	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	2570.504	2579.496	2570-2620	PASS
	Extreme (40℃)		2570.645	2579.355	2570-2620	PASS
	Extreme (30℃)		2570.520	2579.480	2570-2620	PASS
	Extreme (20℃)		2570.598	2579.402	2570-2620	PASS
	Extreme (10℃)		2570.611	2579.389	2570-2620	PASS
	Extreme (0℃)		2570.587	2579.413	2570-2620	PASS
	Extreme (-10℃)		2570.540	2579.460	2570-2620	PASS
	Extreme (-20℃)		2570.509	2579.491	2570-2620	PASS
	Extreme (-30℃)		2570.570	2579.430	2570-2620	PASS
	25℃	LV	2570.535	2579.465	2570-2620	PASS
		HV	2570.543	2579.457	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	2570.734	2584.266	2570-2620	PASS

	Extreme (40°C)		2570.731	2584.269	2570-2620	PASS
	Extreme (30°C)		2570.745	2584.255	2570-2620	PASS
	Extreme (20°C)		2570.791	2584.209	2570-2620	PASS
	Extreme (10°C)		2570.725	2584.275	2570-2620	PASS
	Extreme (0°C)		2570.709	2584.291	2570-2620	PASS
	Extreme (-10°C)		2570.717	2584.283	2570-2620	PASS
	Extreme (-20°C)		2570.762	2584.238	2570-2620	PASS
	Extreme (-30°C)		2570.733	2584.267	2570-2620	PASS
	25°C	LV	2570.797	2584.203	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	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	2571.047	2588.953	2570-2620	PASS
	Extreme (40°C)		2571.021	2588.979	2570-2620	PASS
	Extreme (30°C)		2571.033	2588.967	2570-2620	PASS
	Extreme (20°C)		2571.049	2588.951	2570-2620	PASS
	Extreme (10°C)		2571.040	2588.960	2570-2620	PASS
	Extreme (0°C)		2571.042	2588.958	2570-2620	PASS
	Extreme (-10°C)		2571.004	2588.996	2570-2620	PASS
	Extreme (-20°C)		2571.035	2588.965	2570-2620	PASS
	Extreme (-30°C)		2571.006	2588.994	2570-2620	PASS
	25°C	LV	2571.007	2588.993	2570-2620	PASS
		HV	2571.018	2588.982	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	BANDWIDTH	5MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	2615.290	2619.710	2570-2620	PASS
	Extreme (40°C)		2615.211	2619.789	2570-2620	PASS
	Extreme (30°C)		2615.234	2619.766	2570-2620	PASS
	Extreme (20°C)		2615.244	2619.756	2570-2620	PASS
	Extreme (10°C)		2615.202	2619.798	2570-2620	PASS
	Extreme (0°C)		2615.245	2619.755	2570-2620	PASS
	Extreme (-10°C)		2615.233	2619.767	2570-2620	PASS
	Extreme (-20°C)		2615.287	2619.713	2570-2620	PASS
	Extreme (-30°C)		2615.219	2619.781	2570-2620	PASS
	25°C	LV	2615.298	2619.702	2570-2620	PASS
		HV	2615.294	2619.706	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	2610.555	2619.445	2570-2620	PASS
	Extreme（40℃）			2610.648	2619.352	2570-2620	PASS
	Extreme（30℃）			2610.582	2619.418	2570-2620	PASS
	Extreme（20℃）			2610.545	2619.455	2570-2620	PASS
	Extreme（10℃）			2610.534	2619.466	2570-2620	PASS
	Extreme（0℃）			2610.610	2619.390	2570-2620	PASS
	Extreme（-10℃）			2610.520	2619.480	2570-2620	PASS
	Extreme（-20℃）			2610.604	2619.396	2570-2620	PASS
	Extreme（-30℃）			2610.622	2619.378	2570-2620	PASS
	25℃		LV	2610.649	2619.351	2570-2620	PASS
			HV	2610.546	2619.454	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	2605.762	2619.238	2570-2620	PASS
	Extreme（40℃）			2605.725	2619.275	2570-2620	PASS
	Extreme（30℃）			2605.722	2619.278	2570-2620	PASS
	Extreme（20℃）			2605.764	2619.236	2570-2620	PASS
	Extreme（10℃）			2605.740	2619.260	2570-2620	PASS
	Extreme（0℃）			2605.706	2619.294	2570-2620	PASS
	Extreme（-10℃）			2605.774	2619.226	2570-2620	PASS
	Extreme（-20℃）			2605.742	2619.258	2570-2620	PASS
	Extreme（-30℃）			2605.779	2619.221	2570-2620	PASS
	25℃		LV	2605.749	2619.251	2570-2620	PASS
			HV	2605.776	2619.224	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	2600.935	2619.065	2570-2620	PASS
	Extreme（40℃）			2600.940	2619.060	2570-2620	PASS
	Extreme（30℃）			2600.904	2619.096	2570-2620	PASS
	Extreme（20℃）			2600.995	2619.005	2570-2620	PASS
	Extreme（10℃）			2600.979	2619.021	2570-2620	PASS
	Extreme（0℃）			2600.966	2619.034	2570-2620	PASS
	Extreme（-10℃）			2600.996	2619.004	2570-2620	PASS
	Extreme（-20℃）			2600.993	2619.007	2570-2620	PASS
	Extreme（-30℃）			2600.926	2619.074	2570-2620	PASS

	25°C	LV	2600.978	2619.022	2570-2620	PASS
		HV	2600.953	2619.047	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	2496.232	2500.768	2496-2690	PASS
	Extreme (40°C)		2496.205	2500.795	2496-2690	PASS
	Extreme (30°C)		2496.228	2500.772	2496-2690	PASS
	Extreme (20°C)		2496.215	2500.785	2496-2690	PASS
	Extreme (10°C)		2496.290	2500.710	2496-2690	PASS
	Extreme (0°C)		2496.244	2500.756	2496-2690	PASS
	Extreme (-10°C)		2496.296	2500.704	2496-2690	PASS
	Extreme (-20°C)		2496.218	2500.782	2496-2690	PASS
	Extreme (-30°C)		2496.207	2500.793	2496-2690	PASS
	25°C	LV	2496.231	2500.769	2496-2690	PASS
		HV	2496.206	2500.794	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	2496.503	2505.497	2496-2690	PASS
	Extreme (40°C)		2496.545	2505.455	2496-2690	PASS
	Extreme (30°C)		2496.641	2505.359	2496-2690	PASS
	Extreme (20°C)		2496.597	2505.403	2496-2690	PASS
	Extreme (10°C)		2496.520	2505.480	2496-2690	PASS
	Extreme (0°C)		2496.541	2505.459	2496-2690	PASS
	Extreme (-10°C)		2496.580	2505.420	2496-2690	PASS
	Extreme (-20°C)		2496.511	2505.489	2496-2690	PASS
	Extreme (-30°C)		2496.644	2505.356	2496-2690	PASS
	25°C	LV	2496.560	2505.440	2496-2690	PASS
		HV	2496.640	2505.360	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	2496.732	2510.268	2496-2690	PASS
	Extreme (40°C)		2496.720	2510.280	2496-2690	PASS
	Extreme (30°C)		2496.754	2510.246	2496-2690	PASS
	Extreme (20°C)		2496.787	2510.213	2496-2690	PASS
	Extreme (10°C)		2496.722	2510.278	2496-2690	PASS

	Extreme (0℃)		2496.800	2510.200	2496-2690	PASS
	Extreme (-10℃)		2496.789	2510.211	2496-2690	PASS
	Extreme (-20℃)		2496.773	2510.227	2496-2690	PASS
	Extreme (-30℃)		2496.788	2510.212	2496-2690	PASS
	25℃	LV	2496.717	2510.283	2496-2690	PASS
		HV	2496.782	2510.218	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	2497.039	2514.961	2496-2690	PASS
	Extreme (40℃)		2497.038	2514.962	2496-2690	PASS
	Extreme (30℃)		2497.011	2514.989	2496-2690	PASS
	Extreme (20℃)		2497.027	2514.973	2496-2690	PASS
	Extreme (10℃)		2497.037	2514.963	2496-2690	PASS
	Extreme (0℃)		2497.030	2514.970	2496-2690	PASS
	Extreme (-10℃)		2497.022	2514.978	2496-2690	PASS
	Extreme (-20℃)		2497.005	2514.995	2496-2690	PASS
	Extreme (-30℃)		2497.026	2514.974	2496-2690	PASS
	25℃	LV	2497.033	2514.967	2496-2690	PASS
		HV	2497.047	2514.953	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	2685.211	2689.789	2496-2690	PASS
	Extreme (40℃)		2685.207	2689.793	2496-2690	PASS
	Extreme (30℃)		2685.254	2689.746	2496-2690	PASS
	Extreme (20℃)		2685.275	2689.725	2496-2690	PASS
	Extreme (10℃)		2685.270	2689.730	2496-2690	PASS
	Extreme (0℃)		2685.252	2689.748	2496-2690	PASS
	Extreme (-10℃)		2685.260	2689.740	2496-2690	PASS
	Extreme (-20℃)		2685.282	2689.718	2496-2690	PASS
	Extreme (-30℃)		2685.216	2689.784	2496-2690	PASS
	25℃	LV	2685.267	2689.733	2496-2690	PASS
		HV	2685.263	2689.737	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	2680.547	2689.453	2496-2690	PASS

	Extreme (40°C)		2680.634	2689.366	2496-2690	PASS
	Extreme (30°C)		2680.580	2689.420	2496-2690	PASS
	Extreme (20°C)		2680.512	2689.488	2496-2690	PASS
	Extreme (10°C)		2680.555	2689.445	2496-2690	PASS
	Extreme (0°C)		2680.503	2689.497	2496-2690	PASS
	Extreme (-10°C)		2680.515	2689.485	2496-2690	PASS
	Extreme (-20°C)		2680.523	2689.477	2496-2690	PASS
	Extreme (-30°C)		2680.542	2689.458	2496-2690	PASS
	25°C	LV	2680.636	2689.364	2496-2690	PASS
		HV	2680.519	2689.481	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2682.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2675.784	2689.216	2496-2690	PASS
	Extreme (40°C)		2675.789	2689.211	2496-2690	PASS
	Extreme (30°C)		2675.708	2689.292	2496-2690	PASS
	Extreme (20°C)		2675.725	2689.275	2496-2690	PASS
	Extreme (10°C)		2675.765	2689.235	2496-2690	PASS
	Extreme (0°C)		2675.794	2689.206	2496-2690	PASS
	Extreme (-10°C)		2675.716	2689.284	2496-2690	PASS
	Extreme (-20°C)		2675.722	2689.278	2496-2690	PASS
	Extreme (-30°C)		2675.746	2689.254	2496-2690	PASS
	25°C	LV	2675.741	2689.259	2496-2690	PASS
		HV	2675.715	2689.285	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	2670.982	2689.018	2496-2690	PASS
	Extreme (40°C)		2670.921	2689.079	2496-2690	PASS
	Extreme (30°C)		2670.991	2689.009	2496-2690	PASS
	Extreme (20°C)		2670.927	2689.073	2496-2690	PASS
	Extreme (10°C)		2670.989	2689.011	2496-2690	PASS
	Extreme (0°C)		2670.999	2689.001	2496-2690	PASS
	Extreme (-10°C)		2670.958	2689.042	2496-2690	PASS
	Extreme (-20°C)		2670.995	2689.005	2496-2690	PASS
	Extreme (-30°C)		2670.964	2689.036	2496-2690	PASS
	25°C	LV	2670.945	2689.055	2496-2690	PASS
		HV	2670.983	2689.017	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℃)			1710.145	1711.255	1710-1780	PASS
	Extreme (30℃)			1710.149	1711.251	1710-1780	PASS
	Extreme (20℃)			1710.150	1711.250	1710-1780	PASS
	Extreme (10℃)			1710.150	1711.250	1710-1780	PASS
	Extreme (0℃)			1710.149	1711.251	1710-1780	PASS
	Extreme (-10℃)			1710.149	1711.251	1710-1780	PASS
	Extreme (-20℃)			1710.148	1711.252	1710-1780	PASS
	Extreme (-30℃)			1710.149	1711.251	1710-1780	PASS
	25℃		LV	1710.150	1711.250	1710-1780	PASS
			HV	1710.149	1711.251	1710-1780	PASS
LTE B66 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH		3MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	1710.147	1712.853	1710-1780	PASS
	Extreme (40℃)			1710.148	1712.852	1710-1780	PASS
	Extreme (30℃)			1710.146	1712.854	1710-1780	PASS
	Extreme (20℃)			1710.148	1712.852	1710-1780	PASS
	Extreme (10℃)			1710.148	1712.852	1710-1780	PASS
	Extreme (0℃)			1710.148	1712.852	1710-1780	PASS
	Extreme (-10℃)			1710.145	1712.855	1710-1780	PASS
	Extreme (-20℃)			1710.150	1712.850	1710-1780	PASS
	Extreme (-30℃)			1710.149	1712.851	1710-1780	PASS
	25℃		LV	1710.148	1712.852	1710-1780	PASS
			HV	1710.148	1712.852	1710-1780	PASS
LTE B66 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH		5MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	1710.221	1714.779	1710-1780	PASS
	Extreme (40℃)			1710.243	1714.757	1710-1780	PASS
	Extreme (30℃)			1710.211	1714.789	1710-1780	PASS
	Extreme (20℃)			1710.278	1714.722	1710-1780	PASS
	Extreme (10℃)			1710.204	1714.796	1710-1780	PASS
	Extreme (0℃)			1710.292	1714.708	1710-1780	PASS
	Extreme (-10℃)			1710.289	1714.711	1710-1780	PASS
	Extreme (-20℃)			1710.222	1714.778	1710-1780	PASS
	Extreme (-30℃)			1710.219	1714.781	1710-1780	PASS

	25°C	LV	1710.221	1714.779	1710-1780	PASS
		HV	1710.276	1714.724	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.556	1719.444	1710-1780	PASS
	Extreme (40°C)		1710.619	1719.381	1710-1780	PASS
	Extreme (30°C)		1710.542	1719.458	1710-1780	PASS
	Extreme (20°C)		1710.610	1719.390	1710-1780	PASS
	Extreme (10°C)		1710.520	1719.480	1710-1780	PASS
	Extreme (0°C)		1710.637	1719.363	1710-1780	PASS
	Extreme (-10°C)		1710.534	1719.466	1710-1780	PASS
	Extreme (-20°C)		1710.522	1719.478	1710-1780	PASS
	Extreme (-30°C)		1710.626	1719.374	1710-1780	PASS
	25°C	LV	1710.613	1719.387	1710-1780	PASS
		HV	1710.508	1719.492	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.703	1724.297	1710-1780	PASS
	Extreme (40°C)		1710.774	1724.226	1710-1780	PASS
	Extreme (30°C)		1710.714	1724.286	1710-1780	PASS
	Extreme (20°C)		1710.739	1724.261	1710-1780	PASS
	Extreme (10°C)		1710.751	1724.249	1710-1780	PASS
	Extreme (0°C)		1710.786	1724.214	1710-1780	PASS
	Extreme (-10°C)		1710.745	1724.255	1710-1780	PASS
	Extreme (-20°C)		1710.726	1724.274	1710-1780	PASS
	Extreme (-30°C)		1710.736	1724.264	1710-1780	PASS
	25°C	LV	1710.714	1724.286	1710-1780	PASS
		HV	1710.786	1724.214	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.024	1728.976	1710-1780	PASS
	Extreme (40°C)		1711.027	1728.973	1710-1780	PASS
	Extreme (30°C)		1711.005	1728.995	1710-1780	PASS
	Extreme (20°C)		1711.034	1728.966	1710-1780	PASS
	Extreme (10°C)		1711.020	1728.980	1710-1780	PASS

	Extreme (0℃)		1711.032	1728.968	1710-1780	PASS
	Extreme (-10℃)		1711.021	1728.979	1710-1780	PASS
	Extreme (-20℃)		1711.049	1728.951	1710-1780	PASS
	Extreme (-30℃)		1711.010	1728.990	1710-1780	PASS
	25℃	LV	1711.019	1728.981	1710-1780	PASS
		HV	1711.037	1728.963	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℃)		1778.746	1779.854	1710-1780	PASS
	Extreme (30℃)		1778.746	1779.854	1710-1780	PASS
	Extreme (20℃)		1778.748	1779.852	1710-1780	PASS
	Extreme (10℃)		1778.746	1779.854	1710-1780	PASS
	Extreme (0℃)		1778.746	1779.854	1710-1780	PASS
	Extreme (-10℃)		1778.749	1779.851	1710-1780	PASS
	Extreme (-20℃)		1778.750	1779.850	1710-1780	PASS
	Extreme (-30℃)		1778.749	1779.851	1710-1780	PASS
	25℃	LV	1778.748	1779.852	1710-1780	PASS
		HV	1778.747	1779.853	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1778.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1777.149	1779.851	1710-1780	PASS
	Extreme (40℃)		1777.145	1779.855	1710-1780	PASS
	Extreme (30℃)		1777.150	1779.850	1710-1780	PASS
	Extreme (20℃)		1777.148	1779.852	1710-1780	PASS
	Extreme (10℃)		1777.146	1779.854	1710-1780	PASS
	Extreme (0℃)		1777.145	1779.855	1710-1780	PASS
	Extreme (-10℃)		1777.146	1779.854	1710-1780	PASS
	Extreme (-20℃)		1777.149	1779.851	1710-1780	PASS
	Extreme (-30℃)		1777.147	1779.853	1710-1780	PASS
	25℃	LV	1777.147	1779.853	1710-1780	PASS
		HV	1777.145	1779.855	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	1775.272	1779.728	1710-1780	PASS

	Extreme (40°C)		1775.265	1779.735	1710-1780	PASS
	Extreme (30°C)		1775.299	1779.701	1710-1780	PASS
	Extreme (20°C)		1775.230	1779.770	1710-1780	PASS
	Extreme (10°C)		1775.257	1779.743	1710-1780	PASS
	Extreme (0°C)		1775.252	1779.748	1710-1780	PASS
	Extreme (-10°C)		1775.210	1779.790	1710-1780	PASS
	Extreme (-20°C)		1775.273	1779.727	1710-1780	PASS
	Extreme (-30°C)		1775.221	1779.779	1710-1780	PASS
	25°C	LV	1775.219	1779.781	1710-1780	PASS
		HV	1775.225	1779.775	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	BANDWIDTH	10MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1770.527	1779.473	1710-1780	PASS
	Extreme (40°C)		1770.515	1779.485	1710-1780	PASS
	Extreme (30°C)		1770.616	1779.384	1710-1780	PASS
	Extreme (20°C)		1770.601	1779.399	1710-1780	PASS
	Extreme (10°C)		1770.513	1779.487	1710-1780	PASS
	Extreme (0°C)		1770.574	1779.426	1710-1780	PASS
	Extreme (-10°C)		1770.555	1779.445	1710-1780	PASS
	Extreme (-20°C)		1770.614	1779.386	1710-1780	PASS
	Extreme (-30°C)		1770.544	1779.456	1710-1780	PASS
	25°C	LV	1770.516	1779.484	1710-1780	PASS
		HV	1770.632	1779.368	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1765.723	1779.277	1710-1780	PASS
	Extreme (40°C)		1765.764	1779.236	1710-1780	PASS
	Extreme (30°C)		1765.729	1779.271	1710-1780	PASS
	Extreme (20°C)		1765.721	1779.279	1710-1780	PASS
	Extreme (10°C)		1765.738	1779.262	1710-1780	PASS
	Extreme (0°C)		1765.712	1779.288	1710-1780	PASS
	Extreme (-10°C)		1765.703	1779.297	1710-1780	PASS
	Extreme (-20°C)		1765.753	1779.247	1710-1780	PASS
	Extreme (-30°C)		1765.706	1779.294	1710-1780	PASS
	25°C	LV	1765.726	1779.274	1710-1780	PASS
		HV	1765.764	1779.236	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	1760.931	1779.069	1710-1780	PASS
	Extreme (40°C)		1760.986	1779.014	1710-1780	PASS
	Extreme (30°C)		1760.948	1779.052	1710-1780	PASS
	Extreme (20°C)		1760.966	1779.034	1710-1780	PASS
	Extreme (10°C)		1760.956	1779.044	1710-1780	PASS
	Extreme (0°C)		1760.978	1779.022	1710-1780	PASS
	Extreme (-10°C)		1760.955	1779.045	1710-1780	PASS
	Extreme (-20°C)		1760.970	1779.030	1710-1780	PASS
	Extreme (-30°C)		1760.901	1779.099	1710-1780	PASS
	25°C	LV	1760.968	1779.032	1710-1780	PASS
		HV	1760.928	1779.072	1710-1780	PASS