

Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50°C)	NV	1.65	0.00197	PASS
	Extreme (40°C)		7.58	0.00907	PASS
	Extreme (30°C)		1.80	0.00215	PASS
	Extreme (20°C)		7.40	0.00884	PASS
	Extreme (10°C)		6.02	0.00719	PASS
	Extreme (0°C)		16.37	0.01957	PASS
	Extreme (-10°C)		4.38	0.00524	PASS
	Extreme (-20°C)		12.45	0.01489	PASS
	25°C	LV	16.92	0.02022	PASS
		HV	11.02	0.01318	PASS
WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.04	0.00722	PASS
	Extreme (40°C)		6.18	0.00739	PASS
	Extreme (30°C)		15.37	0.01837	PASS
	Extreme (20°C)		2.26	0.00270	PASS
	Extreme (10°C)		14.66	0.01753	PASS
	Extreme (0°C)		6.64	0.00794	PASS
	Extreme (-10°C)		2.38	0.00284	PASS
	Extreme (-20°C)		14.82	0.01772	PASS
	25°C	LV	10.24	0.01224	PASS
		HV	13.87	0.01658	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
BAND5	Extreme (50°C)	NV	9.03	0.01080	PASS
	Extreme (40°C)		4.63	0.00553	PASS
	Extreme (30°C)		8.70	0.01040	PASS
	Extreme (20°C)		1.52	0.00182	PASS
	Extreme (10°C)		9.75	0.01165	PASS
	Extreme (0°C)		1.16	0.00138	PASS
	Extreme (-10°C)		8.72	0.01043	PASS
	Extreme (-20°C)		4.71	0.00563	PASS
	25°C	LV	17.35	0.02074	PASS
		HV	6.99	0.00836	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	5.00	0.00597	PASS
	Extreme (40°C)		1.65	0.00197	PASS
	Extreme (30°C)		9.89	0.01182	PASS
	Extreme (20°C)		8.99	0.01075	PASS
	Extreme (10°C)		2.51	0.00300	PASS
	Extreme (0°C)		13.58	0.01623	PASS
	Extreme (-10°C)		17.82	0.02131	PASS
	Extreme (-20°C)		11.97	0.01431	PASS
	25°C	LV	10.94	0.01308	PASS
		HV	15.55	0.01859	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.74	0.00806	PASS
	Extreme (40°C)		5.92	0.00708	PASS
	Extreme (30°C)		12.59	0.01505	PASS
	Extreme (20°C)		1.77	0.00212	PASS
	Extreme (10°C)		12.40	0.01482	PASS
	Extreme (0°C)		5.54	0.00662	PASS
	Extreme (-10°C)		6.46	0.00772	PASS

	Extreme (-20°C)		4.36	0.00521	PASS
	25°C	LV	7.07	0.00845	PASS
		HV	6.48	0.00775	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.97	0.01669	PASS
	Extreme (40°C)		8.32	0.00995	PASS
	Extreme (30°C)		2.97	0.00355	PASS
	Extreme (20°C)		14.93	0.01785	PASS
	Extreme (10°C)		5.19	0.00620	PASS
	Extreme (0°C)		1.72	0.00206	PASS
	Extreme (-10°C)		8.86	0.01059	PASS
	Extreme (-20°C)		14.57	0.01742	PASS
	25°C	LV	14.13	0.01689	PASS
		HV	2.22	0.00265	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	12.72	0.01521	PASS
	Extreme (40°C)		8.72	0.01043	PASS
	Extreme (30°C)		11.77	0.01408	PASS
	Extreme (20°C)		14.07	0.01682	PASS
	Extreme (10°C)		5.14	0.00615	PASS
	Extreme (0°C)		8.00	0.00956	PASS
	Extreme (-10°C)		4.20	0.00502	PASS
	Extreme (-20°C)		3.50	0.00418	PASS
	25°C	LV	3.56	0.00425	PASS
		HV	3.36	0.00402	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	1.55	0.00185	PASS
	Extreme (40°C)		17.85	0.02134	PASS
	Extreme (30°C)		12.78	0.01527	PASS
	Extreme (20°C)		7.43	0.00888	PASS
	Extreme (10°C)		12.79	0.01529	PASS

	Extreme (0°C)		14.42	0.01724	PASS
	Extreme (-10°C)		1.18	0.00141	PASS
	Extreme (-20°C)		17.67	0.02113	PASS
	25°C	LV	1.27	0.00152	PASS
		HV	3.67	0.00439	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	7.95	0.00951	PASS
	Extreme (40°C)		6.67	0.00797	PASS
	Extreme (30°C)		2.91	0.00347	PASS
	Extreme (20°C)		8.53	0.01020	PASS
	Extreme (10°C)		10.62	0.01269	PASS
	Extreme (0°C)		6.27	0.00750	PASS
	Extreme (-10°C)		9.15	0.01094	PASS
	Extreme (-20°C)		1.40	0.00167	PASS
	25°C	LV	16.40	0.01961	PASS
		HV	4.51	0.00539	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.58	0.01146	PASS
	Extreme (40°C)		17.01	0.02034	PASS
	Extreme (30°C)		8.65	0.01034	PASS
	Extreme (20°C)		16.28	0.01946	PASS
	Extreme (10°C)		7.14	0.00853	PASS
	Extreme (0°C)		10.70	0.01279	PASS
	Extreme (-10°C)		16.41	0.01962	PASS
	Extreme (-20°C)		9.61	0.01149	PASS
	25°C	LV	1.79	0.00214	PASS
		HV	10.16	0.01215	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.52	0.02094	PASS
	Extreme (40°C)		5.48	0.00655	PASS
	Extreme (30°C)		16.49	0.01971	PASS

	Extreme (20°C)		14.49	0.01732	PASS
	Extreme (10°C)		11.96	0.01430	PASS
	Extreme (0°C)		13.96	0.01669	PASS
	Extreme (-10°C)		11.80	0.01410	PASS
	Extreme (-20°C)		17.70	0.02116	PASS
	25°C	LV	4.32	0.00517	PASS
		HV	14.08	0.01684	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.26	0.01131	PASS
	Extreme (40°C)		5.21	0.00636	PASS
	Extreme (30°C)		11.36	0.01387	PASS
	Extreme (20°C)		4.73	0.00578	PASS
	Extreme (10°C)		11.82	0.01444	PASS
	Extreme (0°C)		11.80	0.01440	PASS
	Extreme (-10°C)		10.89	0.01330	PASS
	Extreme (-20°C)		3.63	0.00443	PASS
	25°C	LV	2.67	0.00326	PASS
		HV	5.59	0.00682	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	4.76	0.00581	PASS
	Extreme (40°C)		13.75	0.01678	PASS
	Extreme (30°C)		1.21	0.00148	PASS
	Extreme (20°C)		9.01	0.01101	PASS
	Extreme (10°C)		16.52	0.02017	PASS
	Extreme (0°C)		14.39	0.01757	PASS
	Extreme (-10°C)		8.76	0.01070	PASS
	Extreme (-20°C)		5.74	0.00701	PASS
	25°C	LV	7.70	0.00940	PASS
		HV	2.63	0.00321	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.02	0.01102	PASS

	Extreme (40°C)		6.65	0.00811	PASS
	Extreme (30°C)		6.88	0.00840	PASS
	Extreme (20°C)		11.86	0.01448	PASS
	Extreme (10°C)		7.51	0.00917	PASS
	Extreme (0°C)		16.83	0.02054	PASS
	Extreme (-10°C)		8.37	0.01022	PASS
	Extreme (-20°C)		5.24	0.00640	PASS
	25°C	LV	15.15	0.01849	PASS
		HV	11.90	0.01453	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.57	0.01412	PASS
	Extreme (40°C)		16.70	0.02039	PASS
	Extreme (30°C)		15.86	0.01937	PASS
	Extreme (20°C)		12.01	0.01466	PASS
	Extreme (10°C)		12.00	0.01466	PASS
	Extreme (0°C)		9.58	0.01170	PASS
	Extreme (-10°C)		13.66	0.01668	PASS
	Extreme (-20°C)		14.14	0.01727	PASS
	25°C	LV	2.51	0.00306	PASS
		HV	11.45	0.01398	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	Bandwidth	0.2MHz	GMSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.067	1850.333	1850-1910	PASS
	Extreme (40°C)		1850.066	1850.334	1850-1910	PASS
	Extreme (30°C)		1850.063	1850.337	1850-1910	PASS
	Extreme (20°C)		1850.068	1850.332	1850-1910	PASS
	Extreme (10°C)		1850.064	1850.336	1850-1910	PASS
	Extreme (0°C)		1850.077	1850.323	1850-1910	PASS
	Extreme (-10°C)		1850.063	1850.337	1850-1910	PASS
	Extreme (-20°C)		1850.073	1850.327	1850-1910	PASS
	25°C	LV	1850.061	1850.339	1850-1910	PASS
		HV	1850.072	1850.328	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.8	Bandwidth	0.2MHz	GMSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1909.666	1909.934	1850-1910	PASS
	Extreme (40°C)		1909.668	1909.932	1850-1910	PASS
	Extreme (30°C)		1909.667	1909.933	1850-1910	PASS
	Extreme (20°C)		1909.661	1909.939	1850-1910	PASS
	Extreme (10°C)		1909.677	1909.923	1850-1910	PASS
	Extreme (0°C)		1909.667	1909.933	1850-1910	PASS
	Extreme (-10°C)		1909.672	1909.928	1850-1910	PASS
	Extreme (-20°C)		1909.674	1909.926	1850-1910	PASS
	25°C	LV	1909.665	1909.935	1850-1910	PASS
		HV	1909.661	1909.939	1850-1910	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	Bandwidth	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.322	1854.478	1850-1910	PASS
	Extreme (40°C)		1850.324	1854.476	1850-1910	PASS
	Extreme (30°C)		1850.322	1854.478	1850-1910	PASS
	Extreme (20°C)		1850.322	1854.478	1850-1910	PASS
	Extreme (10°C)		1850.318	1854.482	1850-1910	PASS
	Extreme (0°C)		1850.318	1854.482	1850-1910	PASS

	Extreme (-10°C)		1850.315	1854.485	1850-1910	PASS
	Extreme (-20°C)		1850.329	1854.471	1850-1910	PASS
	25°C	LV	1850.327	1854.473	1850-1910	PASS
		HV	1850.320	1854.480	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	Bandwidth	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.325	1714.475	1710-1755	PASS
	Extreme (40°C)		1710.324	1714.476	1710-1755	PASS
	Extreme (30°C)		1710.318	1714.482	1710-1755	PASS
	Extreme (20°C)		1710.324	1714.476	1710-1755	PASS
	Extreme (10°C)		1710.324	1714.476	1710-1755	PASS
	Extreme (0°C)		1710.327	1714.473	1710-1755	PASS
	Extreme (-10°C)		1710.329	1714.471	1710-1755	PASS
	Extreme (-20°C)		1710.327	1714.473	1710-1755	PASS
	25°C	LV	1710.320	1714.480	1710-1755	PASS
		HV	1710.320	1714.480	1710-1755	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	Bandwidth	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.530	1909.670	1850-1910	PASS
	Extreme (40°C)		1905.528	1909.672	1850-1910	PASS
	Extreme (30°C)		1905.529	1909.671	1850-1910	PASS
	Extreme (20°C)		1905.519	1909.681	1850-1910	PASS
	Extreme (10°C)		1905.523	1909.677	1850-1910	PASS
	Extreme (0°C)		1905.516	1909.684	1850-1910	PASS
	Extreme (-10°C)		1905.525	1909.675	1850-1910	PASS
	Extreme (-20°C)		1905.520	1909.680	1850-1910	PASS
	25°C	LV	1905.515	1909.685	1850-1910	PASS
		HV	1905.524	1909.676	1850-1910	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	1750.527	1754.673	1710-1755	PASS

	Extreme (40°C)		1750.520	1754.680	1710-1755	PASS
	Extreme (30°C)		1750.526	1754.674	1710-1755	PASS
	Extreme (20°C)		1750.518	1754.682	1710-1755	PASS
	Extreme (10°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (0°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (-10°C)		1750.516	1754.684	1710-1755	PASS
	Extreme (-20°C)		1750.523	1754.677	1710-1755	PASS
	25°C	LV	1750.522	1754.678	1710-1755	PASS
		HV	1750.530	1754.670	1710-1755	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)2535-26 55	Verdict2535-26 55
1850.7	Bandwidth	1.4MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.146	1851.254	1850-1910	PASS
	Extreme (40°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (30°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (20°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (10°C)		1850.150	1851.250	1850-1910	PASS
	Extreme (0°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (-10°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (-20°C)		1850.148	1851.252	1850-1910	PASS
	25°C	LV	1850.149	1851.251	1850-1910	PASS
		HV	1850.150	1851.250	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	Bandwidth	3MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.146	1852.854	1850-1910	PASS
	Extreme (40°C)		1850.150	1852.850	1850-1910	PASS
	Extreme (30°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (20°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (10°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (0°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (-10°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (-20°C)		1850.147	1852.853	1850-1910	PASS
	25°C	LV	1850.147	1852.853	1850-1910	PASS
		HV	1850.149	1852.851	1850-1910	PASS
LTE B2	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
1852.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1850.230	1854.770	1850-1910	PASS
	Extreme (40°C)		1850.289	1854.711	1850-1910	PASS
	Extreme (30°C)		1850.271	1854.729	1850-1910	PASS
	Extreme (20°C)		1850.285	1854.715	1850-1910	PASS
	Extreme (10°C)		1850.299	1854.701	1850-1910	PASS
	Extreme (0°C)		1850.298	1854.702	1850-1910	PASS
	Extreme (-10°C)		1850.218	1854.782	1850-1910	PASS
	Extreme (-20°C)		1850.276	1854.724	1850-1910	PASS
	25°C	LV	1850.275	1854.725	1850-1910	PASS
		HV	1850.241	1854.759	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°C)	NV	1850.603	1859.397	1850-1910	PASS
	Extreme (40°C)		1850.596	1859.404	1850-1910	PASS
	Extreme (30°C)		1850.511	1859.489	1850-1910	PASS
	Extreme (20°C)		1850.529	1859.471	1850-1910	PASS
	Extreme (10°C)		1850.630	1859.370	1850-1910	PASS
	Extreme (0°C)		1850.515	1859.485	1850-1910	PASS
	Extreme (-10°C)		1850.528	1859.472	1850-1910	PASS
	Extreme (-20°C)		1850.641	1859.359	1850-1910	PASS
	25°C	LV	1850.556	1859.444	1850-1910	PASS
		HV	1850.572	1859.428	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°C)	NV	1850.780	1864.220	1850-1910	PASS
	Extreme (40°C)		1850.718	1864.282	1850-1910	PASS
	Extreme (30°C)		1850.754	1864.246	1850-1910	PASS
	Extreme (20°C)		1850.771	1864.229	1850-1910	PASS
	Extreme (10°C)		1850.716	1864.284	1850-1910	PASS
	Extreme (0°C)		1850.743	1864.257	1850-1910	PASS
	Extreme (-10°C)		1850.753	1864.247	1850-1910	PASS

	Extreme (-20°C)		1850.748	1864.252	1850-1910	PASS
	25°C	LV	1850.763	1864.237	1850-1910	PASS
		HV	1850.765	1864.235	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	Bandwidth	20MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1851.009	1868.991	1850-1910	PASS
	Extreme (40°C)		1851.014	1868.986	1850-1910	PASS
	Extreme (30°C)		1851.002	1868.998	1850-1910	PASS
	Extreme (20°C)		1851.021	1868.979	1850-1910	PASS
	Extreme (10°C)		1851.034	1868.966	1850-1910	PASS
	Extreme (0°C)		1851.028	1868.972	1850-1910	PASS
	Extreme (-10°C)		1851.010	1868.990	1850-1910	PASS
	Extreme (-20°C)		1851.047	1868.953	1850-1910	PASS
	25°C	LV	1851.004	1868.996	1850-1910	PASS
		HV	1851.017	1868.983	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	Bandwidth	1.4MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1908.749	1909.851	1850-1910	PASS
	Extreme (40°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (30°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (20°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (10°C)		1908.746	1909.854	1850-1910	PASS
	Extreme (0°C)		1908.749	1909.851	1850-1910	PASS
	Extreme (-10°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (-20°C)		1908.748	1909.852	1850-1910	PASS
	25°C	LV	1908.746	1909.854	1850-1910	PASS
		HV	1908.747	1909.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	Bandwidth	3MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1907.148	1909.852	1850-1910	PASS
	Extreme (40°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (30°C)		1907.149	1909.851	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)		1907.150	1909.850	1850-1910	PASS
	Extreme (-10°C)		1907.147	1909.853	1850-1910	PASS
	Extreme (-20°C)		1907.146	1909.854	1850-1910	PASS
	25°C	LV	1907.149	1909.851	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	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.267	1909.733	1850-1910	PASS
	Extreme (40°C)		1905.244	1909.756	1850-1910	PASS
	Extreme (30°C)		1905.257	1909.743	1850-1910	PASS
	Extreme (20°C)		1905.279	1909.721	1850-1910	PASS
	Extreme (10°C)		1905.232	1909.768	1850-1910	PASS
	Extreme (0°C)		1905.255	1909.745	1850-1910	PASS
	Extreme (-10°C)		1905.209	1909.791	1850-1910	PASS
	Extreme (-20°C)		1905.256	1909.744	1850-1910	PASS
	25°C	LV	1905.272	1909.728	1850-1910	PASS
		HV	1905.284	1909.716	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	Bandwidth	10MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	1900.609	1909.391	1850-1910	PASS
	Extreme (40°C)		1900.571	1909.429	1850-1910	PASS
	Extreme (30°C)		1900.608	1909.392	1850-1910	PASS
	Extreme (20°C)		1900.598	1909.402	1850-1910	PASS
	Extreme (10°C)		1900.586	1909.414	1850-1910	PASS
	Extreme (0°C)		1900.510	1909.490	1850-1910	PASS
	Extreme (-10°C)		1900.599	1909.401	1850-1910	PASS
	Extreme (-20°C)		1900.586	1909.414	1850-1910	PASS
	25°C	LV	1900.638	1909.362	1850-1910	PASS
		HV	1900.589	1909.411	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	1895.746	1909.254	1850-1910	PASS
	Extreme（40℃）		1895.722	1909.278	1850-1910	PASS
	Extreme（30℃）		1895.775	1909.225	1850-1910	PASS
	Extreme（20℃）		1895.746	1909.254	1850-1910	PASS
	Extreme（10℃）		1895.769	1909.231	1850-1910	PASS
	Extreme（0℃）		1895.737	1909.263	1850-1910	PASS
	Extreme（-10℃）		1895.748	1909.252	1850-1910	PASS
	Extreme（-20℃）		1895.704	1909.296	1850-1910	PASS
	25℃		LV	1895.745	1909.255	1850-1910
		HV	1895.764	1909.236	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	1890.954	1909.046	1850-1910	PASS
	Extreme（40℃）		1890.905	1909.095	1850-1910	PASS
	Extreme（30℃）		1890.965	1909.035	1850-1910	PASS
	Extreme（20℃）		1890.920	1909.080	1850-1910	PASS
	Extreme（10℃）		1890.935	1909.065	1850-1910	PASS
	Extreme（0℃）		1890.901	1909.099	1850-1910	PASS
	Extreme（-10℃）		1890.938	1909.062	1850-1910	PASS
	Extreme（-20℃）		1890.969	1909.031	1850-1910	PASS
	25℃		LV	1890.999	1909.001	1850-1910
HV		1890.975	1909.025	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	1710.149	1711.251	1710-1755	PASS
	Extreme（40℃）		1710.145	1711.255	1710-1755	PASS
	Extreme（30℃）		1710.148	1711.252	1710-1755	PASS
	Extreme（20℃）		1710.147	1711.253	1710-1755	PASS
	Extreme（10℃）		1710.147	1711.253	1710-1755	PASS
	Extreme（0℃）		1710.145	1711.255	1710-1755	PASS
	Extreme（-10℃）		1710.146	1711.254	1710-1755	PASS
	Extreme（-20℃）		1710.148	1711.252	1710-1755	PASS
	25℃		LV	1710.146	1711.254	1710-1755
HV		1710.149	1711.251	1710-1755	PASS	
LTE B4	Condition		F Low	F High	Limit（MHz）	Verdict

Fc(MHz)			(MHz)	(MHz)		
1711.5	Bandwidth	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.147	1712.853	1710-1755	PASS
	Extreme (40°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (30°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (20°C)		1710.150	1712.850	1710-1755	PASS
	Extreme (10°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (0°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (-10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (-20°C)		1710.147	1712.853	1710-1755	PASS
	25°C	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°C)	NV	1710.216	1714.784	1710-1755	PASS
	Extreme (40°C)		1710.295	1714.705	1710-1755	PASS
	Extreme (30°C)		1710.236	1714.764	1710-1755	PASS
	Extreme (20°C)		1710.231	1714.769	1710-1755	PASS
	Extreme (10°C)		1710.220	1714.780	1710-1755	PASS
	Extreme (0°C)		1710.219	1714.781	1710-1755	PASS
	Extreme (-10°C)		1710.217	1714.783	1710-1755	PASS
	Extreme (-20°C)		1710.203	1714.797	1710-1755	PASS
	25°C	LV	1710.280	1714.720	1710-1755	PASS
		HV	1710.298	1714.702	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°C)	NV	1710.539	1719.461	1710-1755	PASS
	Extreme (40°C)		1710.607	1719.393	1710-1755	PASS
	Extreme (30°C)		1710.573	1719.427	1710-1755	PASS
	Extreme (20°C)		1710.568	1719.432	1710-1755	PASS
	Extreme (10°C)		1710.593	1719.407	1710-1755	PASS
	Extreme (0°C)		1710.511	1719.489	1710-1755	PASS
	Extreme (-10°C)		1710.571	1719.429	1710-1755	PASS

	Extreme (-20°C)		1710.614	1719.386	1710-1755	PASS
	25°C	LV	1710.595	1719.405	1710-1755	PASS
		HV	1710.579	1719.421	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	Bandwidth	15MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.777	1724.223	1710-1755	PASS
	Extreme (40°C)		1710.756	1724.244	1710-1755	PASS
	Extreme (30°C)		1710.724	1724.276	1710-1755	PASS
	Extreme (20°C)		1710.792	1724.208	1710-1755	PASS
	Extreme (10°C)		1710.800	1724.200	1710-1755	PASS
	Extreme (0°C)		1710.771	1724.229	1710-1755	PASS
	Extreme (-10°C)		1710.795	1724.205	1710-1755	PASS
	Extreme (-20°C)		1710.705	1724.295	1710-1755	PASS
	25°C	LV	1710.788	1724.212	1710-1755	PASS
		HV	1710.723	1724.277	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	Bandwidth	20MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.041	1728.959	1710-1755	PASS
	Extreme (40°C)		1711.041	1728.959	1710-1755	PASS
	Extreme (30°C)		1711.020	1728.980	1710-1755	PASS
	Extreme (20°C)		1711.041	1728.959	1710-1755	PASS
	Extreme (10°C)		1711.002	1728.998	1710-1755	PASS
	Extreme (0°C)		1711.030	1728.970	1710-1755	PASS
	Extreme (-10°C)		1711.040	1728.960	1710-1755	PASS
	Extreme (-20°C)		1711.005	1728.995	1710-1755	PASS
	25°C	LV	1711.036	1728.964	1710-1755	PASS
		HV	1711.020	1728.980	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	Bandwidth	1.4MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1753.748	1754.852	1710-1755	PASS
	Extreme (40°C)		1753.749	1754.851	1710-1755	PASS
	Extreme (30°C)		1753.745	1754.855	1710-1755	PASS

	Extreme (20°C)		1753.750	1754.850	1710-1755	PASS
	Extreme (10°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (0°C)		1753.749	1754.851	1710-1755	PASS
	Extreme (-10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-20°C)		1753.747	1754.853	1710-1755	PASS
	25°C	LV	1753.748	1754.852	1710-1755	PASS
		HV	1753.750	1754.850	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1753.5	Bandwidth	3MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1752.149	1754.851	1710-1755	PASS
	Extreme (40°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (30°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (20°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (10°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (0°C)		1752.145	1754.855	1710-1755	PASS
	Extreme (-10°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (-20°C)		1752.145	1754.855	1710-1755	PASS
	25°C	LV	1752.148	1754.852	1710-1755	PASS
		HV	1752.146	1754.854	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	Bandwidth	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.234	1754.766	1710-1755	PASS
	Extreme (40°C)		1750.243	1754.757	1710-1755	PASS
	Extreme (30°C)		1750.236	1754.764	1710-1755	PASS
	Extreme (20°C)		1750.290	1754.710	1710-1755	PASS
	Extreme (10°C)		1750.207	1754.793	1710-1755	PASS
	Extreme (0°C)		1750.272	1754.728	1710-1755	PASS
	Extreme (-10°C)		1750.284	1754.716	1710-1755	PASS
	Extreme (-20°C)		1750.214	1754.786	1710-1755	PASS
	25°C	LV	1750.203	1754.797	1710-1755	PASS
		HV	1750.262	1754.738	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	1745.586	1754.414	1710-1755	PASS
	Extreme (40℃)		1745.642	1754.358	1710-1755	PASS
	Extreme (30℃)		1745.621	1754.379	1710-1755	PASS
	Extreme (20℃)		1745.572	1754.428	1710-1755	PASS
	Extreme (10℃)		1745.558	1754.442	1710-1755	PASS
	Extreme (0℃)		1745.613	1754.387	1710-1755	PASS
	Extreme (-10℃)		1745.646	1754.354	1710-1755	PASS
	Extreme (-20℃)		1745.649	1754.351	1710-1755	PASS
	25℃		LV	1745.555	1754.445	1710-1755
		HV	1745.580	1754.420	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℃)	NV	1740.709	1754.291	1710-1755	PASS
	Extreme (40℃)		1740.740	1754.260	1710-1755	PASS
	Extreme (30℃)		1740.720	1754.280	1710-1755	PASS
	Extreme (20℃)		1740.700	1754.300	1710-1755	PASS
	Extreme (10℃)		1740.781	1754.219	1710-1755	PASS
	Extreme (0℃)		1740.765	1754.235	1710-1755	PASS
	Extreme (-10℃)		1740.760	1754.240	1710-1755	PASS
	Extreme (-20℃)		1740.765	1754.235	1710-1755	PASS
	25℃		LV	1740.707	1754.293	1710-1755
		HV	1740.799	1754.201	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1735.916	1754.084	1710-1755	PASS
	Extreme (40℃)		1735.953	1754.047	1710-1755	PASS
	Extreme (30℃)		1735.976	1754.024	1710-1755	PASS
	Extreme (20℃)		1735.961	1754.039	1710-1755	PASS
	Extreme (10℃)		1735.904	1754.096	1710-1755	PASS
	Extreme (0℃)		1735.926	1754.074	1710-1755	PASS
	Extreme (-10℃)		1735.929	1754.071	1710-1755	PASS
	Extreme (-20℃)		1735.957	1754.043	1710-1755	PASS
	25℃		LV	1735.974	1754.026	1710-1755
		HV	1735.987	1754.013	1710-1755	PASS
LTE B7	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
2502.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2500.256	2504.744	2500-2570	PASS
	Extreme (40°C)		2500.200	2504.800	2500-2570	PASS
	Extreme (30°C)		2500.274	2504.726	2500-2570	PASS
	Extreme (20°C)		2500.247	2504.753	2500-2570	PASS
	Extreme (10°C)		2500.266	2504.734	2500-2570	PASS
	Extreme (0°C)		2500.261	2504.739	2500-2570	PASS
	Extreme (-10°C)		2500.225	2504.775	2500-2570	PASS
	Extreme (-20°C)		2500.271	2504.729	2500-2570	PASS
	25°C	LV	2500.258	2504.742	2500-2570	PASS
		HV	2500.282	2504.718	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°C)	NV	2500.525	2509.475	2500-2570	PASS
	Extreme (40°C)		2500.562	2509.438	2500-2570	PASS
	Extreme (30°C)		2500.557	2509.443	2500-2570	PASS
	Extreme (20°C)		2500.595	2509.405	2500-2570	PASS
	Extreme (10°C)		2500.624	2509.376	2500-2570	PASS
	Extreme (0°C)		2500.536	2509.464	2500-2570	PASS
	Extreme (-10°C)		2500.519	2509.481	2500-2570	PASS
	Extreme (-20°C)		2500.589	2509.411	2500-2570	PASS
	25°C	LV	2500.574	2509.426	2500-2570	PASS
		HV	2500.595	2509.405	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°C)	NV	2500.773	2514.227	2500-2570	PASS
	Extreme (40°C)		2500.768	2514.232	2500-2570	PASS
	Extreme (30°C)		2500.735	2514.265	2500-2570	PASS
	Extreme (20°C)		2500.758	2514.242	2500-2570	PASS
	Extreme (10°C)		2500.726	2514.274	2500-2570	PASS
	Extreme (0°C)		2500.758	2514.242	2500-2570	PASS
	Extreme (-10°C)		2500.736	2514.264	2500-2570	PASS

	Extreme (-20°C)		2500.783	2514.217	2500-2570	PASS
	25°C	LV	2500.760	2514.240	2500-2570	PASS
		HV	2500.715	2514.285	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2510	Bandwidth	20MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	2501.022	2518.978	2500-2570	PASS
	Extreme (40°C)		2501.027	2518.973	2500-2570	PASS
	Extreme (30°C)		2501.020	2518.980	2500-2570	PASS
	Extreme (20°C)		2501.017	2518.983	2500-2570	PASS
	Extreme (10°C)		2501.016	2518.984	2500-2570	PASS
	Extreme (0°C)		2501.035	2518.965	2500-2570	PASS
	Extreme (-10°C)		2501.026	2518.974	2500-2570	PASS
	Extreme (-20°C)		2501.040	2518.960	2500-2570	PASS
	25°C	LV	2501.018	2518.982	2500-2570	PASS
		HV	2501.026	2518.974	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	Bandwidth	5MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	2565.232	2569.768	2500-2570	PASS
	Extreme (40°C)		2565.213	2569.787	2500-2570	PASS
	Extreme (30°C)		2565.248	2569.752	2500-2570	PASS
	Extreme (20°C)		2565.241	2569.759	2500-2570	PASS
	Extreme (10°C)		2565.269	2569.731	2500-2570	PASS
	Extreme (0°C)		2565.288	2569.712	2500-2570	PASS
	Extreme (-10°C)		2565.223	2569.777	2500-2570	PASS
	Extreme (-20°C)		2565.288	2569.712	2500-2570	PASS
	25°C	LV	2565.203	2569.797	2500-2570	PASS
		HV	2565.260	2569.740	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	Bandwidth	10MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50°C)	NV	2560.535	2569.465	2500-2570	PASS
	Extreme (40°C)		2560.502	2569.498	2500-2570	PASS
	Extreme (30°C)		2560.566	2569.434	2500-2570	PASS

	Extreme (20°C)		2560.624	2569.376	2500-2570	PASS
	Extreme (10°C)		2560.527	2569.473	2500-2570	PASS
	Extreme (0°C)		2560.577	2569.423	2500-2570	PASS
	Extreme (-10°C)		2560.508	2569.492	2500-2570	PASS
	Extreme (-20°C)		2560.526	2569.474	2500-2570	PASS
	25°C	LV	2560.645	2569.355	2500-2570	PASS
		HV	2560.515	2569.485	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2562.5	Bandwidth	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2555.786	2569.214	2500-2570	PASS
	Extreme (40°C)		2555.738	2569.262	2500-2570	PASS
	Extreme (30°C)		2555.778	2569.222	2500-2570	PASS
	Extreme (20°C)		2555.717	2569.283	2500-2570	PASS
	Extreme (10°C)		2555.718	2569.282	2500-2570	PASS
	Extreme (0°C)		2555.739	2569.261	2500-2570	PASS
	Extreme (-10°C)		2555.739	2569.261	2500-2570	PASS
	Extreme (-20°C)		2555.723	2569.277	2500-2570	PASS
	25°C	LV	2555.788	2569.212	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2550.975	2569.025	2500-2570	PASS
	Extreme (40°C)		2550.918	2569.082	2500-2570	PASS
	Extreme (30°C)		2550.904	2569.096	2500-2570	PASS
	Extreme (20°C)		2550.926	2569.074	2500-2570	PASS
	Extreme (10°C)		2550.989	2569.011	2500-2570	PASS
	Extreme (0°C)		2550.995	2569.005	2500-2570	PASS
	Extreme (-10°C)		2550.986	2569.014	2500-2570	PASS
	Extreme (-20°C)		2550.965	2569.035	2500-2570	PASS
	25°C	LV	2550.973	2569.027	2500-2570	PASS
		HV	2550.945	2569.055	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	699.149	700.251	699-716	PASS
	Extreme（40℃）		699.149	700.251	699-716	PASS
	Extreme（30℃）		699.149	700.251	699-716	PASS
	Extreme（20℃）		699.150	700.250	699-716	PASS
	Extreme（10℃）		699.149	700.251	699-716	PASS
	Extreme（0℃）		699.145	700.255	699-716	PASS
	Extreme（-10℃）		699.146	700.254	699-716	PASS
	Extreme（-20℃）		699.149	700.251	699-716	PASS
	25℃	LV	699.146	700.254	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℃）	NV	699.147	701.853	699-716	PASS
	Extreme（40℃）		699.148	701.852	699-716	PASS
	Extreme（30℃）		699.148	701.852	699-716	PASS
	Extreme（20℃）		699.149	701.851	699-716	PASS
	Extreme（10℃）		699.145	701.855	699-716	PASS
	Extreme（0℃）		699.149	701.851	699-716	PASS
	Extreme（-10℃）		699.148	701.852	699-716	PASS
	Extreme（-20℃）		699.148	701.852	699-716	PASS
	25℃	LV	699.148	701.852	699-716	PASS
		HV	699.146	701.854	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℃）	NV	699.246	703.754	699-716	PASS
	Extreme（40℃）		699.204	703.796	699-716	PASS
	Extreme（30℃）		699.279	703.721	699-716	PASS
	Extreme（20℃）		699.201	703.799	699-716	PASS
	Extreme（10℃）		699.289	703.711	699-716	PASS
	Extreme（0℃）		699.219	703.781	699-716	PASS
	Extreme（-10℃）		699.285	703.715	699-716	PASS

	Extreme (-20°C)		699.290	703.710	699-716	PASS
	25°C	LV	699.271	703.729	699-716	PASS
		HV	699.244	703.756	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	Bandwidth	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.574	708.426	699-716	PASS
	Extreme (40°C)		699.574	708.426	699-716	PASS
	Extreme (30°C)		699.563	708.437	699-716	PASS
	Extreme (20°C)		699.513	708.487	699-716	PASS
	Extreme (10°C)		699.613	708.387	699-716	PASS
	Extreme (0°C)		699.548	708.452	699-716	PASS
	Extreme (-10°C)		699.537	708.463	699-716	PASS
	Extreme (-20°C)		699.635	708.365	699-716	PASS
	25°C	LV	699.588	708.412	699-716	PASS
		HV	699.601	708.399	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	Bandwidth	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	714.747	715.853	699-716	PASS
	Extreme (40°C)		714.747	715.853	699-716	PASS
	Extreme (30°C)		714.747	715.853	699-716	PASS
	Extreme (20°C)		714.746	715.854	699-716	PASS
	Extreme (10°C)		714.749	715.851	699-716	PASS
	Extreme (0°C)		714.748	715.852	699-716	PASS
	Extreme (-10°C)		714.747	715.853	699-716	PASS
	Extreme (-20°C)		714.747	715.853	699-716	PASS
	25°C	LV	714.748	715.852	699-716	PASS
		HV	714.746	715.854	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
714.5	Bandwidth	3MHz	QPSK			
	Temperature	Voltage				

	Extreme (50°C)	NV	713.147	715.853	699-716	PASS
	Extreme (40°C)		713.148	715.852	699-716	PASS
	Extreme (30°C)		713.149	715.851	699-716	PASS
	Extreme (20°C)		713.149	715.851	699-716	PASS
	Extreme (10°C)		713.149	715.851	699-716	PASS
	Extreme (0°C)		713.146	715.854	699-716	PASS
	Extreme (-10°C)		713.148	715.852	699-716	PASS
	Extreme (-20°C)		713.145	715.855	699-716	PASS
	25°C	LV	713.149	715.851	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	711.207	715.793	699-716	PASS
	Extreme (40°C)		711.299	715.701	699-716	PASS
	Extreme (30°C)		711.241	715.759	699-716	PASS
	Extreme (20°C)		711.296	715.704	699-716	PASS
	Extreme (10°C)		711.272	715.728	699-716	PASS
	Extreme (0°C)		711.292	715.708	699-716	PASS
	Extreme (-10°C)		711.294	715.706	699-716	PASS
	Extreme (-20°C)		711.271	715.729	699-716	PASS
	25°C	LV	711.219	715.781	699-716	PASS
		HV	711.212	715.788	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	706.632	715.368	699-716	PASS
	Extreme (40°C)		706.613	715.387	699-716	PASS
	Extreme (30°C)		706.511	715.489	699-716	PASS
	Extreme (20°C)		706.597	715.403	699-716	PASS
	Extreme (10°C)		706.558	715.442	699-716	PASS
	Extreme (0°C)		706.551	715.449	699-716	PASS
	Extreme (-10°C)		706.574	715.426	699-716	PASS
	Extreme (-20°C)		706.507	715.493	699-716	PASS
	25°C	LV	706.610	715.390	699-716	PASS
		HV	706.523	715.477	699-716	PASS

LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	Bandwidth	5MHz	QPSK	QPSK	777-787	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	777.226	781.774	777-787	PASS
	Extreme (40°C)		777.221	781.779	777-787	PASS
	Extreme (30°C)		777.277	781.723	777-787	PASS
	Extreme (20°C)		777.223	781.777	777-787	PASS
	Extreme (10°C)		777.218	781.782	777-787	PASS
	Extreme (0°C)		777.202	781.798	777-787	PASS
	Extreme (-10°C)		777.234	781.766	777-787	PASS
	Extreme (-20°C)		777.220	781.780	777-787	PASS
	25°C	LV	777.201	781.799	777-787	PASS
		HV	777.244	781.756	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
782	Bandwidth	10MHz	QPSK	QPSK	777-787	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	777.640	786.360	777-787	PASS
	Extreme (40°C)		777.567	786.433	777-787	PASS
	Extreme (30°C)		777.612	786.388	777-787	PASS
	Extreme (20°C)		777.512	786.488	777-787	PASS
	Extreme (10°C)		777.507	786.493	777-787	PASS
	Extreme (0°C)		777.593	786.407	777-787	PASS
	Extreme (-10°C)		777.529	786.471	777-787	PASS
	Extreme (-20°C)		777.535	786.465	777-787	PASS
	25°C	LV	777.501	786.499	777-787	PASS
		HV	777.534	786.466	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
784.5	Bandwidth	5MHz	QPSK	QPSK	777-787	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	782.208	786.792	777-787	PASS
	Extreme (40°C)		782.221	786.779	777-787	PASS
	Extreme (30°C)		782.262	786.738	777-787	PASS

	Extreme (20°C)		782.250	786.750	777-787	PASS
	Extreme (10°C)		782.300	786.700	777-787	PASS
	Extreme (0°C)		782.262	786.738	777-787	PASS
	Extreme (-10°C)		782.243	786.757	777-787	PASS
	Extreme (-20°C)		782.241	786.759	777-787	PASS
	25°C	LV	782.229	786.771	777-787	PASS
		HV	782.234	786.766	777-787	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
706.5	Bandwidth	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	704.270	708.730	704-716	PASS
	Extreme (40°C)		704.253	708.747	704-716	PASS
	Extreme (30°C)		704.207	708.793	704-716	PASS
	Extreme (20°C)		704.237	708.763	704-716	PASS
	Extreme (10°C)		704.268	708.732	704-716	PASS
	Extreme (0°C)		704.287	708.713	704-716	PASS
	Extreme (-10°C)		704.249	708.751	704-716	PASS
	Extreme (-20°C)		704.276	708.724	704-716	PASS
	25°C	LV	704.280	708.720	704-716	PASS
		HV	704.204	708.796	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
709	Bandwidth	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	704.587	713.413	704-716	PASS
	Extreme (40°C)		704.557	713.443	704-716	PASS
	Extreme (30°C)		704.520	713.480	704-716	PASS
	Extreme (20°C)		704.631	713.369	704-716	PASS
	Extreme (10°C)		704.530	713.470	704-716	PASS
	Extreme (0°C)		704.520	713.480	704-716	PASS
	Extreme (-10°C)		704.583	713.417	704-716	PASS
	Extreme (-20°C)		704.622	713.378	704-716	PASS
	25°C	LV	704.558	713.442	704-716	PASS
		HV	704.625	713.375	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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713.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	711.281	715.719	704-716	PASS
	Extreme (40℃)		711.224	715.776	704-716	PASS
	Extreme (30℃)		711.238	715.762	704-716	PASS
	Extreme (20℃)		711.238	715.762	704-716	PASS
	Extreme (10℃)		711.252	715.748	704-716	PASS
	Extreme (0℃)		711.226	715.774	704-716	PASS
	Extreme (-10℃)		711.259	715.741	704-716	PASS
	Extreme (-20℃)		711.232	715.768	704-716	PASS
	25℃	LV	711.228	715.772	704-716	PASS
		HV	711.224	715.776	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℃)	NV	706.632	715.368	704-716	PASS
	Extreme (40℃)		706.620	715.380	704-716	PASS
	Extreme (30℃)		706.624	715.376	704-716	PASS
	Extreme (20℃)		706.541	715.459	704-716	PASS
	Extreme (10℃)		706.637	715.363	704-716	PASS
	Extreme (0℃)		706.588	715.412	704-716	PASS
	Extreme (-10℃)		706.635	715.365	704-716	PASS
	Extreme (-20℃)		706.628	715.372	704-716	PASS
	25℃	LV	706.586	715.414	704-716	PASS
		HV	706.610	715.390	704-716	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	Bandwidth	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.150	1851.250	1850-1915	PASS
	Extreme (40℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (30℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (20℃)		1850.149	1851.251	1850-1915	PASS
	Extreme (10℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (0℃)		1850.148	1851.252	1850-1915	PASS

	Extreme (-10°C)		1850.149	1851.251	1850-1915	PASS
	Extreme (-20°C)		1850.146	1851.254	1850-1915	PASS
	25°C	LV	1850.148	1851.252	1850-1915	PASS
		HV	1850.145	1851.255	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	Bandwidth	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.150	1852.850	1850-1915	PASS
	Extreme (40°C)		1850.146	1852.854	1850-1915	PASS
	Extreme (30°C)		1850.148	1852.852	1850-1915	PASS
	Extreme (20°C)		1850.148	1852.852	1850-1915	PASS
	Extreme (10°C)		1850.150	1852.850	1850-1915	PASS
	Extreme (0°C)		1850.149	1852.851	1850-1915	PASS
	Extreme (-10°C)		1850.148	1852.852	1850-1915	PASS
	Extreme (-20°C)		1850.145	1852.855	1850-1915	PASS
	25°C	LV	1850.146	1852.854	1850-1915	PASS
		HV	1850.148	1852.852	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	Bandwidth	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.269	1854.731	1850-1915	PASS
	Extreme (40°C)		1850.233	1854.767	1850-1915	PASS
	Extreme (30°C)		1850.213	1854.787	1850-1915	PASS
	Extreme (20°C)		1850.248	1854.752	1850-1915	PASS
	Extreme (10°C)		1850.270	1854.730	1850-1915	PASS
	Extreme (0°C)		1850.209	1854.791	1850-1915	PASS
	Extreme (-10°C)		1850.285	1854.715	1850-1915	PASS
	Extreme (-20°C)		1850.243	1854.757	1850-1915	PASS
	25°C	LV	1850.245	1854.755	1850-1915	PASS
		HV	1850.287	1854.713	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	Bandwidth	10MHz				

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	Extreme (50℃)		NV	1850.570	1859.430	1850-1915	PASS
	Extreme (40℃)			1850.626	1859.374	1850-1915	PASS
	Extreme (30℃)			1850.594	1859.406	1850-1915	PASS
	Extreme (20℃)			1850.569	1859.431	1850-1915	PASS
	Extreme (10℃)			1850.515	1859.485	1850-1915	PASS
	Extreme (0℃)			1850.552	1859.448	1850-1915	PASS
	Extreme (-10℃)			1850.589	1859.411	1850-1915	PASS
	Extreme (-20℃)			1850.615	1859.385	1850-1915	PASS
	25℃			LV	1850.602	1859.398	1850-1915
			HV	1850.517	1859.483	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict	
1857.5	Bandwidth	15MHz					
	Temperature	Voltage	QPSK				
	Extreme (50℃)	NV	1850.781	1864.219	1850-1915	PASS	
	Extreme (40℃)		1850.710	1864.290	1850-1915	PASS	
	Extreme (30℃)		1850.753	1864.247	1850-1915	PASS	
	Extreme (20℃)		1850.760	1864.240	1850-1915	PASS	
	Extreme (10℃)		1850.729	1864.271	1850-1915	PASS	
	Extreme (0℃)		1850.799	1864.201	1850-1915	PASS	
	Extreme (-10℃)		1850.706	1864.294	1850-1915	PASS	
	Extreme (-20℃)		1850.714	1864.286	1850-1915	PASS	
	25℃		LV	1850.750	1864.250	1850-1915	PASS
		HV	1850.789	1864.211	1850-1915	PASS	
LTE B25 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	1850-1915	PASS	
	Extreme (40℃)		1851.000	1869.000	1850-1915	PASS	
	Extreme (30℃)		1851.022	1868.978	1850-1915	PASS	
	Extreme (20℃)		1851.018	1868.982	1850-1915	PASS	
	Extreme (10℃)		1851.036	1868.964	1850-1915	PASS	
	Extreme (0℃)		1851.046	1868.954	1850-1915	PASS	
	Extreme (-10℃)		1851.028	1868.972	1850-1915	PASS	
	Extreme (-20℃)		1851.028	1868.972	1850-1915	PASS	
	25℃		LV	1851.044	1868.956	1850-1915	PASS

		HV	1851.010	1868.990	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1914.3	Bandwidth	1.4MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1913.747	1914.853	1850-1915	PASS
	Extreme (40°C)		1913.747	1914.853	1850-1915	PASS
	Extreme (30°C)		1913.746	1914.854	1850-1915	PASS
	Extreme (20°C)		1913.748	1914.852	1850-1915	PASS
	Extreme (10°C)		1913.750	1914.850	1850-1915	PASS
	Extreme (0°C)		1913.747	1914.853	1850-1915	PASS
	Extreme (-10°C)		1913.748	1914.852	1850-1915	PASS
	Extreme (-20°C)		1913.746	1914.854	1850-1915	PASS
	25°C	LV	1913.748	1914.852	1850-1915	PASS
		HV	1913.746	1914.854	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1913.5	Bandwidth	3MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1912.149	1914.851	1850-1915	PASS
	Extreme (40°C)		1912.148	1914.852	1850-1915	PASS
	Extreme (30°C)		1912.149	1914.851	1850-1915	PASS
	Extreme (20°C)		1912.146	1914.854	1850-1915	PASS
	Extreme (10°C)		1912.146	1914.854	1850-1915	PASS
	Extreme (0°C)		1912.148	1914.852	1850-1915	PASS
	Extreme (-10°C)		1912.147	1914.853	1850-1915	PASS
	Extreme (-20°C)		1912.150	1914.850	1850-1915	PASS
	25°C	LV	1912.145	1914.855	1850-1915	PASS
		HV	1912.145	1914.855	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1912.5	Bandwidth	5MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1910.247	1914.753	1850-1915	PASS
	Extreme (40°C)		1910.274	1914.726	1850-1915	PASS

	Extreme (30°C)		1910.237	1914.763	1850-1915	PASS
	Extreme (20°C)		1910.255	1914.745	1850-1915	PASS
	Extreme (10°C)		1910.273	1914.727	1850-1915	PASS
	Extreme (0°C)		1910.208	1914.792	1850-1915	PASS
	Extreme (-10°C)		1910.283	1914.717	1850-1915	PASS
	Extreme (-20°C)		1910.289	1914.711	1850-1915	PASS
	25°C	LV	1910.287	1914.713	1850-1915	PASS
		HV	1910.259	1914.741	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	Bandwidth	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.516	1914.484	1850-1915	PASS
	Extreme (40°C)		1905.503	1914.497	1850-1915	PASS
	Extreme (30°C)		1905.520	1914.480	1850-1915	PASS
	Extreme (20°C)		1905.515	1914.485	1850-1915	PASS
	Extreme (10°C)		1905.521	1914.479	1850-1915	PASS
	Extreme (0°C)		1905.536	1914.464	1850-1915	PASS
	Extreme (-10°C)		1905.606	1914.394	1850-1915	PASS
	Extreme (-20°C)		1905.649	1914.351	1850-1915	PASS
	25°C	LV	1905.623	1914.377	1850-1915	PASS
		HV	1905.546	1914.454	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	Bandwidth	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1900.723	1914.277	1850-1915	PASS
	Extreme (40°C)		1900.730	1914.270	1850-1915	PASS
	Extreme (30°C)		1900.759	1914.241	1850-1915	PASS
	Extreme (20°C)		1900.795	1914.205	1850-1915	PASS
	Extreme (10°C)		1900.797	1914.203	1850-1915	PASS
	Extreme (0°C)		1900.742	1914.258	1850-1915	PASS
	Extreme (-10°C)		1900.725	1914.275	1850-1915	PASS
	Extreme (-20°C)		1900.725	1914.275	1850-1915	PASS
	25°C	LV	1900.718	1914.282	1850-1915	PASS
		HV	1900.730	1914.270	1850-1915	PASS
LTE B25	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
1905	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1895.981	1914.019	1850-1915	PASS
	Extreme (40°C)		1895.968	1914.032	1850-1915	PASS
	Extreme (30°C)		1895.910	1914.090	1850-1915	PASS
	Extreme (20°C)		1895.936	1914.064	1850-1915	PASS
	Extreme (10°C)		1895.968	1914.032	1850-1915	PASS
	Extreme (0°C)		1895.919	1914.081	1850-1915	PASS
	Extreme (-10°C)		1895.986	1914.014	1850-1915	PASS
	Extreme (-20°C)		1895.901	1914.099	1850-1915	PASS
	25°C	LV	1895.977	1914.023	1850-1915	PASS
		HV	1895.933	1914.067	1850-1915	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2570.260	2574.740	2570-2620	PASS
	Extreme (40°C)		2570.273	2574.727	2570-2620	PASS
	Extreme (30°C)		2570.288	2574.712	2570-2620	PASS
	Extreme (20°C)		2570.279	2574.721	2570-2620	PASS
	Extreme (10°C)		2570.203	2574.797	2570-2620	PASS
	Extreme (0°C)		2570.251	2574.749	2570-2620	PASS
	Extreme (-10°C)		2570.220	2574.780	2570-2620	PASS
	Extreme (-20°C)		2570.206	2574.794	2570-2620	PASS
	25°C	LV	2570.244	2574.756	2570-2620	PASS
		HV	2570.212	2574.788	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2570.627	2579.373	2570-2620	PASS
	Extreme (40°C)		2570.510	2579.490	2570-2620	PASS
	Extreme (30°C)		2570.562	2579.438	2570-2620	PASS
	Extreme (20°C)		2570.645	2579.355	2570-2620	PASS
	Extreme (10°C)		2570.534	2579.466	2570-2620	PASS

	Extreme (0°C)		2570.565	2579.435	2570-2620	PASS
	Extreme (-10°C)		2570.548	2579.452	2570-2620	PASS
	Extreme (-20°C)		2570.546	2579.454	2570-2620	PASS
	25°C	LV	2570.635	2579.365	2570-2620	PASS
		HV	2570.548	2579.452	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2577.5	Bandwidth	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.711	2584.289	2570-2620	PASS
	Extreme (40°C)		2570.735	2584.265	2570-2620	PASS
	Extreme (30°C)		2570.734	2584.266	2570-2620	PASS
	Extreme (20°C)		2570.745	2584.255	2570-2620	PASS
	Extreme (10°C)		2570.774	2584.226	2570-2620	PASS
	Extreme (0°C)		2570.781	2584.219	2570-2620	PASS
	Extreme (-10°C)		2570.776	2584.224	2570-2620	PASS
	Extreme (-20°C)		2570.704	2584.296	2570-2620	PASS
	25°C	LV	2570.732	2584.268	2570-2620	PASS
		HV	2570.701	2584.299	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2571.002	2588.998	2570-2620	PASS
	Extreme (40°C)		2571.046	2588.954	2570-2620	PASS
	Extreme (30°C)		2571.029	2588.971	2570-2620	PASS
	Extreme (20°C)		2571.010	2588.990	2570-2620	PASS
	Extreme (10°C)		2571.012	2588.988	2570-2620	PASS
	Extreme (0°C)		2571.009	2588.991	2570-2620	PASS
	Extreme (-10°C)		2571.000	2589.000	2570-2620	PASS
	Extreme (-20°C)		2571.047	2588.953	2570-2620	PASS
	25°C	LV	2571.002	2588.998	2570-2620	PASS
		HV	2571.027	2588.973	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°C)	NV	2615.269	2619.731	2570-2620	PASS
	Extreme (40°C)		2615.243	2619.757	2570-2620	PASS
	Extreme (30°C)		2615.282	2619.718	2570-2620	PASS
	Extreme (20°C)		2615.244	2619.756	2570-2620	PASS
	Extreme (10°C)		2615.265	2619.735	2570-2620	PASS
	Extreme (0°C)		2615.292	2619.708	2570-2620	PASS
	Extreme (-10°C)		2615.271	2619.729	2570-2620	PASS
	Extreme (-20°C)		2615.274	2619.726	2570-2620	PASS
	25°C	LV	2615.291	2619.709	2570-2620	PASS
		HV	2615.285	2619.715	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°C)	NV	2610.541	2619.459	2570-2620	PASS
	Extreme (40°C)		2610.614	2619.386	2570-2620	PASS
	Extreme (30°C)		2610.633	2619.367	2570-2620	PASS
	Extreme (20°C)		2610.645	2619.355	2570-2620	PASS
	Extreme (10°C)		2610.614	2619.386	2570-2620	PASS
	Extreme (0°C)		2610.590	2619.410	2570-2620	PASS
	Extreme (-10°C)		2610.539	2619.461	2570-2620	PASS
	Extreme (-20°C)		2610.524	2619.476	2570-2620	PASS
	25°C	LV	2610.500	2619.500	2570-2620	PASS
		HV	2610.598	2619.402	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°C)	NV	2605.790	2619.210	2570-2620	PASS
	Extreme (40°C)		2605.746	2619.254	2570-2620	PASS
	Extreme (30°C)		2605.781	2619.219	2570-2620	PASS
	Extreme (20°C)		2605.789	2619.211	2570-2620	PASS
	Extreme (10°C)		2605.716	2619.284	2570-2620	PASS
	Extreme (0°C)		2605.765	2619.235	2570-2620	PASS
	Extreme (-10°C)		2605.703	2619.297	2570-2620	PASS

	Extreme (-20°C)		2605.784	2619.216	2570-2620	PASS
	25°C	LV	2605.753	2619.247	2570-2620	PASS
		HV	2605.788	2619.212	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2600.933	2619.067	2570-2620	PASS
	Extreme (40°C)		2600.983	2619.017	2570-2620	PASS
	Extreme (30°C)		2600.913	2619.087	2570-2620	PASS
	Extreme (20°C)		2600.990	2619.010	2570-2620	PASS
	Extreme (10°C)		2600.999	2619.001	2570-2620	PASS
	Extreme (0°C)		2600.968	2619.032	2570-2620	PASS
	Extreme (-10°C)		2600.975	2619.025	2570-2620	PASS
	Extreme (-20°C)		2600.948	2619.052	2570-2620	PASS
	25°C	LV	2600.948	2619.052	2570-2620	PASS
		HV	2600.972	2619.028	2570-2620	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2537.5	Bandwidth	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2535.230	2539.770	2535-2655	PASS
	Extreme (40°C)		2535.274	2539.726	2535-2655	PASS
	Extreme (30°C)		2535.276	2539.724	2535-2655	PASS
	Extreme (20°C)		2535.271	2539.729	2535-2655	PASS
	Extreme (10°C)		2535.297	2539.703	2535-2655	PASS
	Extreme (0°C)		2535.265	2539.735	2535-2655	PASS
	Extreme (-10°C)		2535.218	2539.782	2535-2655	PASS
	Extreme (-20°C)		2535.227	2539.773	2535-2655	PASS
	25°C	LV	2535.275	2539.725	2535-2655	PASS
		HV	2535.263	2539.737	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2540	Bandwidth	10MHz	QPSK			
	Temperature	Voltage				

	Extreme (50°C)	NV	2535.604	2544.396	2535-2655	PASS
	Extreme (40°C)		2535.601	2544.399	2535-2655	PASS
	Extreme (30°C)		2535.603	2544.397	2535-2655	PASS
	Extreme (20°C)		2535.573	2544.427	2535-2655	PASS
	Extreme (10°C)		2535.617	2544.383	2535-2655	PASS
	Extreme (0°C)		2535.646	2544.354	2535-2655	PASS
	Extreme (-10°C)		2535.566	2544.434	2535-2655	PASS
	Extreme (-20°C)		2535.615	2544.385	2535-2655	PASS
	25°C	LV	2535.555	2544.445	2535-2655	PASS
		HV	2535.579	2544.421	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2542.5	Bandwidth	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2535.783	2549.217	2535-2655	PASS
	Extreme (40°C)		2535.721	2549.279	2535-2655	PASS
	Extreme (30°C)		2535.749	2549.251	2535-2655	PASS
	Extreme (20°C)		2535.784	2549.216	2535-2655	PASS
	Extreme (10°C)		2535.736	2549.264	2535-2655	PASS
	Extreme (0°C)		2535.770	2549.230	2535-2655	PASS
	Extreme (-10°C)		2535.714	2549.286	2535-2655	PASS
	Extreme (-20°C)		2535.754	2549.246	2535-2655	PASS
	25°C	LV	2535.787	2549.213	2535-2655	PASS
		HV	2535.709	2549.291	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	2535-2655 2535-2655
2545	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2536.037	2553.963	2535-2655	PASS
	Extreme (40°C)		2536.043	2553.957	2535-2655	PASS
	Extreme (30°C)		2536.018	2553.982	2535-2655	PASS
	Extreme (20°C)		2536.005	2553.995	2535-2655	PASS
	Extreme (10°C)		2536.036	2553.964	2535-2655	PASS
	Extreme (0°C)		2536.028	2553.972	2535-2655	PASS
	Extreme (-10°C)		2536.005	2553.995	2535-2655	PASS
	Extreme (-20°C)		2536.039	2553.961	2535-2655	PASS
	25°C	LV	2536.030	2553.970	2535-2655	PASS
		HV	2536.005	2553.995	2535-2655	PASS

LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2652.5	Bandwidth	5MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2650.267	2654.733	2535-2655	PASS
	Extreme (40°C)		2650.235	2654.765	2535-2655	PASS
	Extreme (30°C)		2650.235	2654.765	2535-2655	PASS
	Extreme (20°C)		2650.290	2654.710	2535-2655	PASS
	Extreme (10°C)		2650.211	2654.789	2535-2655	PASS
	Extreme (0°C)		2650.232	2654.768	2535-2655	PASS
	Extreme (-10°C)		2650.202	2654.798	2535-2655	PASS
	Extreme (-20°C)		2650.291	2654.709	2535-2655	PASS
	25°C	LV	2650.250	2654.750	2535-2655	PASS
		HV	2650.297	2654.703	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2650	Bandwidth	10MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2645.527	2654.473	2535-2655	PASS
	Extreme (40°C)		2645.515	2654.485	2535-2655	PASS
	Extreme (30°C)		2645.537	2654.463	2535-2655	PASS
	Extreme (20°C)		2645.561	2654.439	2535-2655	PASS
	Extreme (10°C)		2645.604	2654.396	2535-2655	PASS
	Extreme (0°C)		2645.617	2654.383	2535-2655	PASS
	Extreme (-10°C)		2645.503	2654.497	2535-2655	PASS
	Extreme (-20°C)		2645.645	2654.355	2535-2655	PASS
	25°C	LV	2645.641	2654.359	2535-2655	PASS
		HV	2645.514	2654.486	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2647.5	Bandwidth	15MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2640.744	2654.256	2535-2655	PASS
	Extreme (40°C)		2640.717	2654.283	2535-2655	PASS
	Extreme (30°C)		2640.744	2654.256	2535-2655	PASS

	Extreme (20°C)		2640.796	2654.204	2535-2655	PASS
	Extreme (10°C)		2640.776	2654.224	2535-2655	PASS
	Extreme (0°C)		2640.746	2654.254	2535-2655	PASS
	Extreme (-10°C)		2640.728	2654.272	2535-2655	PASS
	Extreme (-20°C)		2640.710	2654.290	2535-2655	PASS
	25°C	LV	2640.748	2654.252	2535-2655	PASS
		HV	2640.741	2654.259	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2645	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2635.944	2654.056	2535-2655	PASS
	Extreme (40°C)		2635.986	2654.014	2535-2655	PASS
	Extreme (30°C)		2635.978	2654.022	2535-2655	PASS
	Extreme (20°C)		2635.923	2654.077	2535-2655	PASS
	Extreme (10°C)		2635.915	2654.085	2535-2655	PASS
	Extreme (0°C)		2635.919	2654.081	2535-2655	PASS
	Extreme (-10°C)		2635.902	2654.098	2535-2655	PASS
	Extreme (-20°C)		2635.927	2654.073	2535-2655	PASS
	25°C	LV	2635.931	2654.069	2535-2655	PASS
		HV	2635.994	2654.006	2535-2655	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	Bandwidth	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.146	1711.254	1710-1780	PASS
	Extreme (40°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (30°C)		1710.145	1711.255	1710-1780	PASS
	Extreme (20°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (10°C)		1710.149	1711.251	1710-1780	PASS
	Extreme (0°C)		1710.150	1711.250	1710-1780	PASS
	Extreme (-10°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (-20°C)		1710.145	1711.255	1710-1780	PASS
	25°C	LV	1710.145	1711.255	1710-1780	PASS
		HV	1710.150	1711.250	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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1711.5	Bandwidth	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.148	1712.852	1710-1780	PASS
	Extreme (40℃)		1710.150	1712.850	1710-1780	PASS
	Extreme (30℃)		1710.147	1712.853	1710-1780	PASS
	Extreme (20℃)		1710.146	1712.854	1710-1780	PASS
	Extreme (10℃)		1710.145	1712.855	1710-1780	PASS
	Extreme (0℃)		1710.147	1712.853	1710-1780	PASS
	Extreme (-10℃)		1710.150	1712.850	1710-1780	PASS
	Extreme (-20℃)		1710.149	1712.851	1710-1780	PASS
	25℃	LV	1710.148	1712.852	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	1710.208	1714.792	1710-1780	PASS
	Extreme (40℃)		1710.263	1714.737	1710-1780	PASS
	Extreme (30℃)		1710.261	1714.739	1710-1780	PASS
	Extreme (20℃)		1710.221	1714.779	1710-1780	PASS
	Extreme (10℃)		1710.203	1714.797	1710-1780	PASS
	Extreme (0℃)		1710.208	1714.792	1710-1780	PASS
	Extreme (-10℃)		1710.217	1714.783	1710-1780	PASS
	Extreme (-20℃)		1710.236	1714.764	1710-1780	PASS
	25℃	LV	1710.219	1714.781	1710-1780	PASS
		HV	1710.288	1714.712	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	1710.576	1719.424	1710-1780	PASS
	Extreme (40℃)		1710.522	1719.478	1710-1780	PASS
	Extreme (30℃)		1710.517	1719.483	1710-1780	PASS
	Extreme (20℃)		1710.604	1719.396	1710-1780	PASS
	Extreme (10℃)		1710.572	1719.428	1710-1780	PASS
	Extreme (0℃)		1710.601	1719.399	1710-1780	PASS

	Extreme (-10°C)		1710.622	1719.378	1710-1780	PASS
	Extreme (-20°C)		1710.613	1719.387	1710-1780	PASS
	25°C	LV	1710.535	1719.465	1710-1780	PASS
		HV	1710.637	1719.363	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	Bandwidth	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.750	1724.250	1710-1780	PASS
	Extreme (40°C)		1710.767	1724.233	1710-1780	PASS
	Extreme (30°C)		1710.748	1724.252	1710-1780	PASS
	Extreme (20°C)		1710.709	1724.291	1710-1780	PASS
	Extreme (10°C)		1710.796	1724.204	1710-1780	PASS
	Extreme (0°C)		1710.794	1724.206	1710-1780	PASS
	Extreme (-10°C)		1710.754	1724.246	1710-1780	PASS
	Extreme (-20°C)		1710.702	1724.298	1710-1780	PASS
	25°C	LV	1710.707	1724.293	1710-1780	PASS
		HV	1710.784	1724.216	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.005	1728.995	1710-1780	PASS
	Extreme (40°C)		1711.001	1728.999	1710-1780	PASS
	Extreme (30°C)		1711.040	1728.960	1710-1780	PASS
	Extreme (20°C)		1711.003	1728.997	1710-1780	PASS
	Extreme (10°C)		1711.000	1729.000	1710-1780	PASS
	Extreme (0°C)		1711.031	1728.969	1710-1780	PASS
	Extreme (-10°C)		1711.044	1728.956	1710-1780	PASS
	Extreme (-20°C)		1711.025	1728.975	1710-1780	PASS
	25°C	LV	1711.043	1728.957	1710-1780	PASS
		HV	1711.047	1728.953	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	1778.748	1779.852	1710-1780	PASS
	Extreme（40℃）		1778.748	1779.852	1710-1780	PASS
	Extreme（30℃）		1778.748	1779.852	1710-1780	PASS
	Extreme（20℃）		1778.748	1779.852	1710-1780	PASS
	Extreme（10℃）		1778.745	1779.855	1710-1780	PASS
	Extreme（0℃）		1778.749	1779.851	1710-1780	PASS
	Extreme（-10℃）		1778.747	1779.853	1710-1780	PASS
	Extreme（-20℃）		1778.750	1779.850	1710-1780	PASS
	25℃	LV	1778.750	1779.850	1710-1780	PASS
		HV	1778.748	1779.852	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	1777.148	1779.852	1710-1780	PASS
	Extreme（40℃）		1777.146	1779.854	1710-1780	PASS
	Extreme（30℃）		1777.146	1779.854	1710-1780	PASS
	Extreme（20℃）		1777.146	1779.854	1710-1780	PASS
	Extreme（10℃）		1777.149	1779.851	1710-1780	PASS
	Extreme（0℃）		1777.149	1779.851	1710-1780	PASS
	Extreme（-10℃）		1777.149	1779.851	1710-1780	PASS
	Extreme（-20℃）		1777.149	1779.851	1710-1780	PASS
	25℃	LV	1777.149	1779.851	1710-1780	PASS
HV		1777.148	1779.852	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	1775.220	1779.780	1710-1780	PASS
	Extreme（40℃）		1775.226	1779.774	1710-1780	PASS
	Extreme（30℃）		1775.205	1779.795	1710-1780	PASS
	Extreme（20℃）		1775.258	1779.742	1710-1780	PASS
	Extreme（10℃）		1775.222	1779.778	1710-1780	PASS
	Extreme（0℃）		1775.227	1779.773	1710-1780	PASS
	Extreme（-10℃）		1775.218	1779.782	1710-1780	PASS
	Extreme（-20℃）		1775.214	1779.786	1710-1780	PASS
	25℃	LV	1775.270	1779.730	1710-1780	PASS

		HV	1775.232	1779.768	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	Bandwidth	10MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1770.613	1779.387	1710-1780	PASS
	Extreme (40°C)		1770.631	1779.369	1710-1780	PASS
	Extreme (30°C)		1770.584	1779.416	1710-1780	PASS
	Extreme (20°C)		1770.575	1779.425	1710-1780	PASS
	Extreme (10°C)		1770.613	1779.387	1710-1780	PASS
	Extreme (0°C)		1770.581	1779.419	1710-1780	PASS
	Extreme (-10°C)		1770.640	1779.360	1710-1780	PASS
	Extreme (-20°C)		1770.642	1779.358	1710-1780	PASS
	25°C	LV	1770.515	1779.485	1710-1780	PASS
		HV	1770.610	1779.390	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	Bandwidth	15MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1765.746	1779.254	1710-1780	PASS
	Extreme (40°C)		1765.782	1779.218	1710-1780	PASS
	Extreme (30°C)		1765.712	1779.288	1710-1780	PASS
	Extreme (20°C)		1765.725	1779.275	1710-1780	PASS
	Extreme (10°C)		1765.722	1779.278	1710-1780	PASS
	Extreme (0°C)		1765.714	1779.286	1710-1780	PASS
	Extreme (-10°C)		1765.768	1779.232	1710-1780	PASS
	Extreme (-20°C)		1765.778	1779.222	1710-1780	PASS
	25°C	LV	1765.794	1779.206	1710-1780	PASS
		HV	1765.776	1779.224	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1770	Bandwidth	20MHz	QPSK	QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1760.962	1779.038	1710-1780	PASS
	Extreme (40°C)		1760.941	1779.059	1710-1780	PASS

	Extreme (30°C)		1760.975	1779.025	1710-1780	PASS
	Extreme (20°C)		1760.992	1779.008	1710-1780	PASS
	Extreme (10°C)		1760.910	1779.090	1710-1780	PASS
	Extreme (0°C)		1760.907	1779.093	1710-1780	PASS
	Extreme (-10°C)		1760.959	1779.041	1710-1780	PASS
	Extreme (-20°C)		1760.995	1779.005	1710-1780	PASS
	25°C	LV	1760.921	1779.079	1710-1780	PASS
		HV	1760.984	1779.016	1710-1780	PASS