

Frequency Stability

WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	13.74	0.01642	PASS
	Extreme (40℃)		1.54	0.00184	PASS
	Extreme (30℃)		3.39	0.00405	PASS
	Extreme (20℃)		15.99	0.01911	PASS
	Extreme (10℃)		11.84	0.01415	PASS
	Extreme (0℃)		4.01	0.00479	PASS
	Extreme (-10℃)		8.01	0.00957	PASS
	20℃	LV	16.71	0.01998	PASS
HV		4.99	0.00597	PASS	
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	4.99	0.00596	PASS
	Extreme (40℃)		11.52	0.01377	PASS
	Extreme (30℃)		9.06	0.01083	PASS
	Extreme (20℃)		17.38	0.02077	PASS
	Extreme (10℃)		2.65	0.00317	PASS
	Extreme (0℃)		16.52	0.01974	PASS
	Extreme (-10℃)		2.22	0.00265	PASS
	20℃	LV	5.47	0.00654	PASS
		HV	12.88	0.01540	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	5.32	0.00636	PASS
	Extreme (40℃)		12.46	0.01489	PASS
	Extreme (30℃)		12.90	0.01542	PASS
	Extreme (20℃)		8.61	0.01030	PASS
	Extreme (10℃)		3.08	0.00368	PASS
	Extreme (0℃)		3.51	0.00420	PASS
	Extreme (-10℃)		17.67	0.02113	PASS
	20℃	LV	17.32	0.02070	PASS
		HV	6.61	0.00791	PASS
BAND5	Condition		Freq.Error	Frequency	Verdict

			(Hz)	Stability (ppm)	
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	2.35	0.00281	PASS
	Extreme (40°C)		15.30	0.01829	PASS
	Extreme (30°C)		14.65	0.01751	PASS
	Extreme (20°C)		8.90	0.01064	PASS
	Extreme (10°C)		7.34	0.00877	PASS
	Extreme (0°C)		3.91	0.00467	PASS
	Extreme (-10°C)		13.64	0.01631	PASS
	20°C	LV	6.63	0.00793	PASS
		HV	12.52	0.01496	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	10.22	0.01222	PASS
	Extreme (40°C)		4.43	0.00529	PASS
	Extreme (30°C)		3.93	0.00469	PASS
	Extreme (20°C)		11.19	0.01338	PASS
	Extreme (10°C)		16.63	0.01988	PASS
	Extreme (0°C)		3.10	0.00370	PASS
	Extreme (-10°C)		14.28	0.01708	PASS
	20°C	LV	9.49	0.01134	PASS
		HV	12.67	0.01515	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	5.99	0.00716	PASS
	Extreme (40°C)		15.88	0.01899	PASS
	Extreme (30°C)		3.76	0.00450	PASS
	Extreme (20°C)		9.54	0.01141	PASS
	Extreme (10°C)		9.32	0.01114	PASS
	Extreme (0°C)		8.23	0.00984	PASS
	Extreme (-10°C)		6.01	0.00718	PASS
	20°C	LV	16.79	0.02007	PASS
		HV	13.64	0.01631	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability	Verdict

	BANDWIDTH	3MHz		(ppm)	
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	16.27	0.01945	PASS
	Extreme (40°C)		6.82	0.00815	PASS
	Extreme (30°C)		12.47	0.01490	PASS
	Extreme (20°C)		8.37	0.01001	PASS
	Extreme (10°C)		9.95	0.01190	PASS
	Extreme (0°C)		8.27	0.00989	PASS
	Extreme (-10°C)		14.92	0.01784	PASS
	20°C	LV	11.14	0.01332	PASS
		HV	1.20	0.00144	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	9.63	0.01152	PASS
	Extreme (40°C)		7.83	0.00936	PASS
	Extreme (30°C)		12.64	0.01512	PASS
	Extreme (20°C)		9.49	0.01134	PASS
	Extreme (10°C)		6.42	0.00768	PASS
	Extreme (0°C)		10.06	0.01203	PASS
	Extreme (-10°C)		12.35	0.01477	PASS
	20°C	LV	17.29	0.02067	PASS
		HV	7.19	0.00859	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.36	0.02075	PASS
	Extreme (40°C)		2.44	0.00292	PASS
	Extreme (30°C)		15.50	0.01853	PASS
	Extreme (20°C)		14.46	0.01728	PASS
	Extreme (10°C)		4.16	0.00498	PASS
	Extreme (0°C)		10.23	0.01223	PASS
	Extreme (-10°C)		10.33	0.01235	PASS
	20°C	LV	15.72	0.01880	PASS
		HV	11.08	0.01324	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			

	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	8.11	0.00969	PASS
	Extreme (40°C)		6.66	0.00796	PASS
	Extreme (30°C)		15.89	0.01899	PASS
	Extreme (20°C)		6.61	0.00791	PASS
	Extreme (10°C)		13.48	0.01612	PASS
	Extreme (0°C)		1.67	0.00200	PASS
	Extreme (-10°C)		15.76	0.01884	PASS
	20°C	LV	3.04	0.00363	PASS
		HV	7.80	0.00933	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	14.79	0.01806	PASS
	Extreme (40°C)		16.21	0.01980	PASS
	Extreme (30°C)		5.67	0.00693	PASS
	Extreme (20°C)		5.96	0.00728	PASS
	Extreme (10°C)		1.51	0.00185	PASS
	Extreme (0°C)		4.85	0.00593	PASS
	Extreme (-10°C)		9.59	0.01171	PASS
	20°C	LV	1.64	0.00200	PASS
		HV	16.77	0.02048	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	8.46	0.01033	PASS
	Extreme (40°C)		2.04	0.00249	PASS
	Extreme (30°C)		4.67	0.00570	PASS
	Extreme (20°C)		14.22	0.01736	PASS
	Extreme (10°C)		16.65	0.02033	PASS
	Extreme (0°C)		17.81	0.02175	PASS
	Extreme (-10°C)		10.61	0.01296	PASS
	20°C	LV	14.38	0.01756	PASS
		HV	8.27	0.01010	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	10.54	0.01287	PASS

	Extreme (40°C)		10.97	0.01339	PASS
	Extreme (30°C)		8.84	0.01079	PASS
	Extreme (20°C)		1.07	0.00131	PASS
	Extreme (10°C)		11.21	0.01369	PASS
	Extreme (0°C)		8.36	0.01020	PASS
	Extreme (-10°C)		11.40	0.01392	PASS
	20°C	LV	4.18	0.00511	PASS
		HV	10.93	0.01334	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	4.96	0.00605	
	Extreme (40°C)		11.36	0.01388	PASS
	Extreme (30°C)		14.79	0.01806	PASS
	Extreme (20°C)		8.01	0.00978	PASS
	Extreme (10°C)		9.36	0.01142	PASS
	Extreme (0°C)		12.31	0.01502	PASS
	Extreme (-10°C)		7.54	0.00920	PASS
	20°C	LV	7.05	0.00860	PASS
		HV	12.40	0.01514	PASS

WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.329	1854.471	1850-1910	PASS
	Extreme (40°C)		1850.320	1854.480	1850-1910	PASS
	Extreme (30°C)		1850.318	1854.482	1850-1910	PASS
	Extreme (20°C)		1850.323	1854.477	1850-1910	PASS
	Extreme (10°C)		1850.317	1854.483	1850-1910	PASS
	Extreme (0°C)		1850.322	1854.478	1850-1910	PASS
	Extreme (-10°C)		1850.326	1854.474	1850-1910	PASS
	20°C	LV	1850.316	1854.484	1850-1910	PASS
		HV	1850.321	1854.479	1850-1910	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.515	1909.685	1850-1910	PASS
	Extreme (40°C)		1905.518	1909.682	1850-1910	PASS
	Extreme (30°C)		1905.521	1909.679	1850-1910	PASS
	Extreme (20°C)		1905.524	1909.676	1850-1910	PASS
	Extreme (10°C)		1905.524	1909.676	1850-1910	PASS
	Extreme (0°C)		1905.516	1909.684	1850-1910	PASS
	Extreme (-10°C)		1905.516	1909.684	1850-1910	PASS
	20°C	LV	1905.520	1909.680	1850-1910	PASS
		HV	1905.515	1909.685	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.317	1714.483	1710-1755	PASS
	Extreme (40°C)		1710.315	1714.485	1710-1755	PASS
	Extreme (30°C)		1710.319	1714.481	1710-1755	PASS
	Extreme (20°C)		1710.328	1714.472	1710-1755	PASS
	Extreme (10°C)		1710.316	1714.484	1710-1755	PASS
	Extreme (0°C)		1710.320	1714.480	1710-1755	PASS

	Extreme (-10°C)		1710.319	1714.481	1710-1755	PASS
	20°C	LV	1710.324	1714.476	1710-1755	PASS
		HV	1710.321	1714.479	1710-1755	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.528	1754.672	1710-1755	PASS
	Extreme (40°C)		1750.527	1754.673	1710-1755	PASS
	Extreme (30°C)		1750.526	1754.674	1710-1755	PASS
	Extreme (20°C)		1750.525	1754.675	1710-1755	PASS
	Extreme (10°C)		1750.522	1754.678	1710-1755	PASS
	Extreme (0°C)		1750.515	1754.685	1710-1755	PASS
	Extreme (-10°C)		1750.522	1754.678	1710-1755	PASS
	20°C	LV	1750.516	1754.684	1710-1755	PASS
		HV	1750.520	1754.680	1710-1755	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz	QPSK			
	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)		1850.145	1851.255	1850-1910	PASS
	Extreme (20°C)		1850.150	1851.250	1850-1910	PASS
	Extreme (10°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (0°C)		1850.149	1851.251	1850-1910	PASS
	Extreme (-10°C)		1850.150	1851.250	1850-1910	PASS
	20°C	LV	1850.148	1851.252	1850-1910	PASS
		HV	1850.147	1851.253	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz	QPSK			
	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)		1850.150	1852.850	1850-1910	PASS
	Extreme (20°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (10°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (0°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (-10°C)		1850.148	1852.852	1850-1910	PASS
	20°C	LV	1850.146	1852.854	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	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.271	1854.729	1850-1910	PASS
	Extreme (40°C)		1850.254	1854.746	1850-1910	PASS
	Extreme (30°C)		1850.296	1854.704	1850-1910	PASS
	Extreme (20°C)		1850.237	1854.763	1850-1910	PASS
	Extreme (10°C)		1850.250	1854.750	1850-1910	PASS
	Extreme (0°C)		1850.248	1854.752	1850-1910	PASS
	Extreme (-10°C)		1850.244	1854.756	1850-1910	PASS
	20°C	LV	1850.239	1854.761	1850-1910	PASS
		HV	1850.238	1854.762	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.521	1859.479	1850-1910	PASS
	Extreme (40°C)		1850.591	1859.409	1850-1910	PASS
	Extreme (30°C)		1850.627	1859.373	1850-1910	PASS
	Extreme (20°C)		1850.556	1859.444	1850-1910	PASS
	Extreme (10°C)		1850.525	1859.475	1850-1910	PASS
	Extreme (0°C)		1850.519	1859.481	1850-1910	PASS
	Extreme (-10°C)		1850.577	1859.423	1850-1910	PASS
	20°C	LV	1850.603	1859.397	1850-1910	PASS
		HV	1850.598	1859.402	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.773	1864.227	1850-1910	PASS
	Extreme (40°C)		1850.718	1864.282	1850-1910	PASS
	Extreme (30°C)		1850.709	1864.291	1850-1910	PASS
	Extreme (20°C)		1850.705	1864.295	1850-1910	PASS
	Extreme (10°C)		1850.742	1864.258	1850-1910	PASS
	Extreme (0°C)		1850.738	1864.262	1850-1910	PASS
	Extreme (-10°C)		1850.743	1864.257	1850-1910	PASS
	20°C	LV	1850.708	1864.292	1850-1910	PASS
		HV	1850.749	1864.251	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				

	Extreme (50°C)	NV	1851.009	1868.991	1850-1910	PASS
	Extreme (40°C)		1851.048	1868.952	1850-1910	PASS
	Extreme (30°C)		1851.002	1868.998	1850-1910	PASS
	Extreme (20°C)		1851.006	1868.994	1850-1910	PASS
	Extreme (10°C)		1851.015	1868.985	1850-1910	PASS
	Extreme (0°C)		1851.035	1868.965	1850-1910	PASS
	Extreme (-10°C)		1851.049	1868.951	1850-1910	PASS
	20°C	LV	1851.034	1868.966	1850-1910	PASS
		HV	1851.015	1868.985	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1908.745	1909.855	1850-1910	PASS
	Extreme (40°C)		1908.745	1909.855	1850-1910	PASS
	Extreme (30°C)		1908.747	1909.853	1850-1910	PASS
	Extreme (20°C)		1908.750	1909.850	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)		1908.746	1909.854	1850-1910	PASS
	20°C	LV	1908.749	1909.851	1850-1910	PASS
		HV	1908.750	1909.850	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1907.147	1909.853	1850-1910	PASS
	Extreme (40°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (30°C)		1907.147	1909.853	1850-1910	PASS
	Extreme (20°C)		1907.150	1909.850	1850-1910	PASS
	Extreme (10°C)		1907.146	1909.854	1850-1910	PASS
	Extreme (0°C)		1907.148	1909.852	1850-1910	PASS
	Extreme (-10°C)		1907.149	1909.851	1850-1910	PASS
	20°C	LV	1907.149	1909.851	1850-1910	PASS
		HV	1907.146	1909.854	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.211	1909.789	1850-1910	PASS
	Extreme (40°C)		1905.299	1909.701	1850-1910	PASS
	Extreme (30°C)		1905.266	1909.734	1850-1910	PASS
	Extreme (20°C)		1905.231	1909.769	1850-1910	PASS

	Extreme (10°C)		1905.203	1909.797	1850-1910	PASS
	Extreme (0°C)		1905.217	1909.783	1850-1910	PASS
	Extreme (-10°C)		1905.281	1909.719	1850-1910	PASS
	20°C	LV	1905.295	1909.705	1850-1910	PASS
		HV	1905.221	1909.779	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1900.649	1909.351	1850-1910	PASS
	Extreme (40°C)		1900.524	1909.476	1850-1910	PASS
	Extreme (30°C)		1900.585	1909.415	1850-1910	PASS
	Extreme (20°C)		1900.517	1909.483	1850-1910	PASS
	Extreme (10°C)		1900.628	1909.372	1850-1910	PASS
	Extreme (0°C)		1900.522	1909.478	1850-1910	PASS
	Extreme (-10°C)		1900.638	1909.362	1850-1910	PASS
	20°C	LV	1900.553	1909.447	1850-1910	PASS
		HV	1900.634	1909.366	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1895.756	1909.244	1850-1910	PASS
	Extreme (40°C)		1895.717	1909.283	1850-1910	PASS
	Extreme (30°C)		1895.732	1909.268	1850-1910	PASS
	Extreme (20°C)		1895.726	1909.274	1850-1910	PASS
	Extreme (10°C)		1895.703	1909.297	1850-1910	PASS
	Extreme (0°C)		1895.756	1909.244	1850-1910	PASS
	Extreme (-10°C)		1895.782	1909.218	1850-1910	PASS
	20°C	LV	1895.700	1909.300	1850-1910	PASS
		HV	1895.765	1909.235	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1890.976	1909.024	1850-1910	PASS
	Extreme (40°C)		1890.980	1909.020	1850-1910	PASS
	Extreme (30°C)		1890.958	1909.042	1850-1910	PASS
	Extreme (20°C)		1890.926	1909.074	1850-1910	PASS
	Extreme (10°C)		1890.911	1909.089	1850-1910	PASS
	Extreme (0°C)		1890.951	1909.049	1850-1910	PASS
	Extreme (-10°C)		1890.955	1909.045	1850-1910	PASS
	20°C	LV	1890.906	1909.094	1850-1910	PASS

		HV	1890.924	1909.076	1850-1910	PASS
LTE B4 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	1710-1755	PASS
	Extreme (40°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (30°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (20°C)		1710.150	1711.250	1710-1755	PASS
	Extreme (10°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (0°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (-10°C)		1710.147	1711.253	1710-1755	PASS
	20°C	LV	1710.150	1711.250	1710-1755	PASS
		HV	1710.148	1711.252	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.149	1712.851	1710-1755	PASS
	Extreme (40°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (30°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (20°C)		1710.150	1712.850	1710-1755	PASS
	Extreme (10°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (0°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (-10°C)		1710.148	1712.852	1710-1755	PASS
	20°C	LV	1710.147	1712.853	1710-1755	PASS
		HV	1710.148	1712.852	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.232	1714.768	1710-1755	PASS
	Extreme (40°C)		1710.222	1714.778	1710-1755	PASS
	Extreme (30°C)		1710.243	1714.757	1710-1755	PASS
	Extreme (20°C)		1710.286	1714.714	1710-1755	PASS
	Extreme (10°C)		1710.241	1714.759	1710-1755	PASS
	Extreme (0°C)		1710.273	1714.727	1710-1755	PASS
	Extreme (-10°C)		1710.290	1714.710	1710-1755	PASS
	20°C	LV	1710.283	1714.717	1710-1755	PASS
		HV	1710.251	1714.749	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz				

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	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.531	1719.469	1710-1755	PASS
	Extreme (40℃)		1710.542	1719.458	1710-1755	PASS
	Extreme (30℃)		1710.550	1719.450	1710-1755	PASS
	Extreme (20℃)		1710.523	1719.477	1710-1755	PASS
	Extreme (10℃)		1710.576	1719.424	1710-1755	PASS
	Extreme (0℃)		1710.646	1719.354	1710-1755	PASS
	Extreme (-10℃)		1710.537	1719.463	1710-1755	PASS
	20℃	LV	1710.533	1719.467	1710-1755	PASS
		HV	1710.517	1719.483	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	1710.711	1724.289	1710-1755	PASS
	Extreme (40℃)		1710.763	1724.237	1710-1755	PASS
	Extreme (30℃)		1710.728	1724.272	1710-1755	PASS
	Extreme (20℃)		1710.728	1724.272	1710-1755	PASS
	Extreme (10℃)		1710.797	1724.203	1710-1755	PASS
	Extreme (0℃)		1710.757	1724.243	1710-1755	PASS
	Extreme (-10℃)		1710.717	1724.283	1710-1755	PASS
	20℃	LV	1710.726	1724.274	1710-1755	PASS
HV		1710.720	1724.280	1710-1755	PASS	
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.013	1728.987	1710-1755	PASS
	Extreme (40℃)		1711.018	1728.982	1710-1755	PASS
	Extreme (30℃)		1711.015	1728.985	1710-1755	PASS
	Extreme (20℃)		1711.020	1728.980	1710-1755	PASS
	Extreme (10℃)		1711.000	1729.000	1710-1755	PASS
	Extreme (0℃)		1711.033	1728.967	1710-1755	PASS
	Extreme (-10℃)		1711.026	1728.974	1710-1755	PASS
	20℃	LV	1711.018	1728.982	1710-1755	PASS
HV		1711.029	1728.971	1710-1755	PASS	
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1753.748	1754.852	1710-1755	PASS
	Extreme (40℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (30℃)		1753.746	1754.854	1710-1755	PASS

	Extreme (20°C)		1753.749	1754.851	1710-1755	PASS
	Extreme (10°C)		1753.747	1754.853	1710-1755	PASS
	Extreme (0°C)		1753.748	1754.852	1710-1755	PASS
	Extreme (-10°C)		1753.750	1754.850	1710-1755	PASS
	20°C	LV	1753.747	1754.853	1710-1755	PASS
		HV	1753.747	1754.853	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1753.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1752.146	1754.854	1710-1755	PASS
	Extreme (40°C)		1752.149	1754.851	1710-1755	PASS
	Extreme (30°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (20°C)		1752.147	1754.853	1710-1755	PASS
	Extreme (10°C)		1752.150	1754.850	1710-1755	PASS
	Extreme (0°C)		1752.146	1754.854	1710-1755	PASS
	Extreme (-10°C)		1752.149	1754.851	1710-1755	PASS
	20°C	LV	1752.150	1754.850	1710-1755	PASS
		HV	1752.149	1754.851	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.246	1754.754	1710-1755	PASS
	Extreme (40°C)		1750.221	1754.779	1710-1755	PASS
	Extreme (30°C)		1750.247	1754.753	1710-1755	PASS
	Extreme (20°C)		1750.236	1754.764	1710-1755	PASS
	Extreme (10°C)		1750.236	1754.764	1710-1755	PASS
	Extreme (0°C)		1750.292	1754.708	1710-1755	PASS
	Extreme (-10°C)		1750.248	1754.752	1710-1755	PASS
	20°C	LV	1750.285	1754.715	1710-1755	PASS
		HV	1750.297	1754.703	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1745.555	1754.445	1710-1755	PASS
	Extreme (40°C)		1745.564	1754.436	1710-1755	PASS
	Extreme (30°C)		1745.572	1754.428	1710-1755	PASS
	Extreme (20°C)		1745.530	1754.470	1710-1755	PASS
	Extreme (10°C)		1745.563	1754.437	1710-1755	PASS
	Extreme (0°C)		1745.625	1754.375	1710-1755	PASS
	Extreme (-10°C)		1745.645	1754.355	1710-1755	PASS

	20°C	LV	1745.626	1754.374	1710-1755	PASS
		HV	1745.638	1754.362	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1740.743	1754.257	1710-1755	PASS
	Extreme (40°C)		1740.799	1754.201	1710-1755	PASS
	Extreme (30°C)		1740.797	1754.203	1710-1755	PASS
	Extreme (20°C)		1740.768	1754.232	1710-1755	PASS
	Extreme (10°C)		1740.728	1754.272	1710-1755	PASS
	Extreme (0°C)		1740.785	1754.215	1710-1755	PASS
	Extreme (-10°C)		1740.787	1754.213	1710-1755	PASS
	20°C	LV	1740.767	1754.233	1710-1755	PASS
		HV	1740.721	1754.279	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1735.935	1754.065	1710-1755	PASS
	Extreme (40°C)		1735.913	1754.087	1710-1755	PASS
	Extreme (30°C)		1735.989	1754.011	1710-1755	PASS
	Extreme (20°C)		1735.982	1754.018	1710-1755	PASS
	Extreme (10°C)		1735.990	1754.010	1710-1755	PASS
	Extreme (0°C)		1735.914	1754.086	1710-1755	PASS
	Extreme (-10°C)		1735.940	1754.060	1710-1755	PASS
	20°C	LV	1735.974	1754.026	1710-1755	PASS
		HV	1735.919	1754.081	1710-1755	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.244	2504.756	2500-2570	PASS
	Extreme (40°C)		2500.242	2504.758	2500-2570	PASS
	Extreme (30°C)		2500.234	2504.766	2500-2570	PASS
	Extreme (20°C)		2500.279	2504.721	2500-2570	PASS
	Extreme (10°C)		2500.227	2504.773	2500-2570	PASS
	Extreme (0°C)		2500.268	2504.732	2500-2570	PASS
	Extreme (-10°C)		2500.282	2504.718	2500-2570	PASS
	20°C	LV	2500.226	2504.774	2500-2570	PASS
		HV	2500.247	2504.753	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	2500.508	2509.492	2500-2570	PASS
	Extreme (40°C)		2500.644	2509.356	2500-2570	PASS
	Extreme (30°C)		2500.586	2509.414	2500-2570	PASS
	Extreme (20°C)		2500.503	2509.497	2500-2570	PASS
	Extreme (10°C)		2500.615	2509.385	2500-2570	PASS
	Extreme (0°C)		2500.614	2509.386	2500-2570	PASS
	Extreme (-10°C)		2500.593	2509.407	2500-2570	PASS
	20°C	LV	2500.596	2509.404	2500-2570	PASS
		HV	2500.507	2509.493	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	2500.727	2514.273	2500-2570	PASS
	Extreme (40°C)		2500.791	2514.209	2500-2570	PASS
	Extreme (30°C)		2500.780	2514.220	2500-2570	PASS
	Extreme (20°C)		2500.765	2514.235	2500-2570	PASS
	Extreme (10°C)		2500.799	2514.201	2500-2570	PASS
	Extreme (0°C)		2500.787	2514.213	2500-2570	PASS
	Extreme (-10°C)		2500.711	2514.289	2500-2570	PASS
	20°C	LV	2500.765	2514.235	2500-2570	PASS
		HV	2500.742	2514.258	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°C)	NV	2501.050	2518.950	2500-2570	PASS
	Extreme (40°C)		2501.038	2518.962	2500-2570	PASS
	Extreme (30°C)		2501.010	2518.990	2500-2570	PASS
	Extreme (20°C)		2501.031	2518.969	2500-2570	PASS
	Extreme (10°C)		2501.028	2518.972	2500-2570	PASS
	Extreme (0°C)		2501.044	2518.956	2500-2570	PASS
	Extreme (-10°C)		2501.026	2518.974	2500-2570	PASS
	20°C	LV	2501.041	2518.959	2500-2570	PASS
		HV	2501.046	2518.954	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°C)	NV	2565.227	2569.773	2500-2570	PASS
	Extreme (40°C)		2565.263	2569.737	2500-2570	PASS

	Extreme (30°C)		2565.230	2569.770	2500-2570	PASS
	Extreme (20°C)		2565.267	2569.733	2500-2570	PASS
	Extreme (10°C)		2565.249	2569.751	2500-2570	PASS
	Extreme (0°C)		2565.273	2569.727	2500-2570	PASS
	Extreme (-10°C)		2565.204	2569.796	2500-2570	PASS
	20°C	LV	2565.208	2569.792	2500-2570	PASS
		HV	2565.202	2569.798	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2560.550	2569.450	2500-2570	PASS
	Extreme (40°C)		2560.518	2569.482	2500-2570	PASS
	Extreme (30°C)		2560.595	2569.405	2500-2570	PASS
	Extreme (20°C)		2560.540	2569.460	2500-2570	PASS
	Extreme (10°C)		2560.629	2569.371	2500-2570	PASS
	Extreme (0°C)		2560.516	2569.484	2500-2570	PASS
	Extreme (-10°C)		2560.612	2569.388	2500-2570	PASS
	20°C	LV	2560.581	2569.419	2500-2570	PASS
		HV	2560.601	2569.399	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	2555.734	2569.266	2500-2570	PASS
	Extreme (40°C)		2555.731	2569.269	2500-2570	PASS
	Extreme (30°C)		2555.732	2569.268	2500-2570	PASS
	Extreme (20°C)		2555.750	2569.250	2500-2570	PASS
	Extreme (10°C)		2555.786	2569.214	2500-2570	PASS
	Extreme (0°C)		2555.764	2569.236	2500-2570	PASS
	Extreme (-10°C)		2555.746	2569.254	2500-2570	PASS
	20°C	LV	2555.758	2569.242	2500-2570	PASS
		HV	2555.721	2569.279	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	2550.970	2569.030	2500-2570	PASS
	Extreme (40°C)		2550.911	2569.089	2500-2570	PASS
	Extreme (30°C)		2550.920	2569.080	2500-2570	PASS
	Extreme (20°C)		2550.944	2569.056	2500-2570	PASS
	Extreme (10°C)		2550.928	2569.072	2500-2570	PASS
	Extreme (0°C)		2550.987	2569.013	2500-2570	PASS

	Extreme (-10°C)		2550.939	2569.061	2500-2570	PASS
	20°C	LV	2550.977	2569.023	2500-2570	PASS
		HV	2550.943	2569.057	2500-2570	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.149	700.251	699-716	PASS
	Extreme (40°C)		699.147	700.253	699-716	PASS
	Extreme (30°C)		699.148	700.252	699-716	PASS
	Extreme (20°C)		699.146	700.254	699-716	PASS
	Extreme (10°C)		699.146	700.254	699-716	PASS
	Extreme (0°C)		699.147	700.253	699-716	PASS
	Extreme (-10°C)		699.150	700.250	699-716	PASS
	20°C	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.145	701.855	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)		699.145	701.855	699-716	PASS
	Extreme (10°C)		699.146	701.854	699-716	PASS
	Extreme (0°C)		699.148	701.852	699-716	PASS
	Extreme (-10°C)		699.146	701.854	699-716	PASS
	20°C	LV	699.147	701.853	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.234	703.766	699-716	PASS
	Extreme (40°C)		699.218	703.782	699-716	PASS
	Extreme (30°C)		699.224	703.776	699-716	PASS
	Extreme (20°C)		699.227	703.773	699-716	PASS
	Extreme (10°C)		699.240	703.760	699-716	PASS
	Extreme (0°C)		699.203	703.797	699-716	PASS
	Extreme (-10°C)		699.297	703.703	699-716	PASS
	20°C	LV	699.214	703.786	699-716	PASS
		HV	699.227	703.773	699-716	PASS
LTE B12	Condition		F Low (MHz)	F High (MHz)	Limit	Verdict

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Fc(MHz)					(MHz)	
704	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.515	708.485	699-716	PASS
	Extreme (40℃)		699.611	708.389	699-716	PASS
	Extreme (30℃)		699.587	708.413	699-716	PASS
	Extreme (20℃)		699.545	708.455	699-716	PASS
	Extreme (10℃)		699.515	708.485	699-716	PASS
	Extreme (0℃)		699.570	708.430	699-716	PASS
	Extreme (-10℃)		699.609	708.391	699-716	PASS
	20℃	LV	699.561	708.439	699-716	PASS
		HV	699.580	708.420	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	714.745	715.855	699-716	PASS
	Extreme (40℃)		714.748	715.852	699-716	PASS
	Extreme (30℃)		714.748	715.852	699-716	PASS
	Extreme (20℃)		714.746	715.854	699-716	PASS
	Extreme (10℃)		714.746	715.854	699-716	PASS
	Extreme (0℃)		714.746	715.854	699-716	PASS
	Extreme (-10℃)		714.746	715.854	699-716	PASS
	20℃	LV	714.745	715.855	699-716	PASS
		HV	714.747	715.853	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	713.148	715.852	699-716	PASS
	Extreme (40℃)		713.146	715.854	699-716	PASS
	Extreme (30℃)		713.146	715.854	699-716	PASS
	Extreme (20℃)		713.147	715.853	699-716	PASS
	Extreme (10℃)		713.149	715.851	699-716	PASS
	Extreme (0℃)		713.146	715.854	699-716	PASS
	Extreme (-10℃)		713.148	715.852	699-716	PASS
	20℃	LV	713.145	715.855	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	711.201	715.799	699-716	PASS

	Extreme (40°C)		711.222	715.778	699-716	PASS
	Extreme (30°C)		711.202	715.798	699-716	PASS
	Extreme (20°C)		711.257	715.743	699-716	PASS
	Extreme (10°C)		711.252	715.748	699-716	PASS
	Extreme (0°C)		711.299	715.701	699-716	PASS
	Extreme (-10°C)		711.275	715.725	699-716	PASS
	20°C	LV	711.247	715.753	699-716	PASS
		HV	711.234	715.766	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	706.584	715.416	699-716	PASS
	Extreme (40°C)		706.605	715.395	699-716	PASS
	Extreme (30°C)		706.509	715.491	699-716	PASS
	Extreme (20°C)		706.561	715.439	699-716	PASS
	Extreme (10°C)		706.621	715.379	699-716	PASS
	Extreme (0°C)		706.557	715.443	699-716	PASS
	Extreme (-10°C)		706.592	715.408	699-716	PASS
	20°C	LV	706.508	715.492	699-716	PASS
		HV	706.633	715.367	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	777.274	781.726	777-787	PASS
	Extreme (40°C)		777.290	781.710	777-787	PASS
	Extreme (30°C)		777.234	781.766	777-787	PASS
	Extreme (20°C)		777.283	781.717	777-787	PASS
	Extreme (10°C)		777.279	781.721	777-787	PASS
	Extreme (0°C)		777.300	781.700	777-787	PASS
	Extreme (-10°C)		777.209	781.791	777-787	PASS
	20°C	LV	777.223	781.777	777-787	PASS
		HV	777.246	781.754	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
782	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	777.536	786.464	777-787	PASS
	Extreme (40°C)		777.532	786.468	777-787	PASS
	Extreme (30°C)		777.598	786.402	777-787	PASS
	Extreme (20°C)		777.530	786.470	777-787	PASS
	Extreme (10°C)		777.589	786.411	777-787	PASS

	Extreme (0°C)		777.517	786.483	777-787	PASS
	Extreme (-10°C)		777.591	786.409	777-787	PASS
	20°C	LV	777.576	786.424	777-787	PASS
		HV	777.600	786.400	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
784.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	782.241	786.759	777-787	PASS
	Extreme (40°C)		782.232	786.768	777-787	PASS
	Extreme (30°C)		782.285	786.715	777-787	PASS
	Extreme (20°C)		782.242	786.758	777-787	PASS
	Extreme (10°C)		782.252	786.748	777-787	PASS
	Extreme (0°C)		782.213	786.787	777-787	PASS
	Extreme (-10°C)		782.240	786.760	777-787	PASS
	20°C	LV	782.242	786.758	777-787	PASS
		HV	782.290	786.710	777-787	PASS
LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
790.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	788.265	792.735	788-798	PASS
	Extreme (40°C)		788.298	792.702	788-798	PASS
	Extreme (30°C)		788.216	792.784	788-798	PASS
	Extreme (20°C)		788.235	792.765	788-798	PASS
	Extreme (10°C)		788.282	792.718	788-798	PASS
	Extreme (0°C)		788.286	792.714	788-798	PASS
	Extreme (-10°C)		788.204	792.796	788-798	PASS
	20°C	LV	788.293	792.707	788-798	PASS
		HV	788.204	792.796	788-798	PASS
LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
793	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	788.571	797.429	788-798	PASS
	Extreme (40°C)		788.586	797.414	788-798	PASS
	Extreme (30°C)		788.572	797.428	788-798	PASS
	Extreme (20°C)		788.532	797.468	788-798	PASS
	Extreme (10°C)		788.503	797.497	788-798	PASS
	Extreme (0°C)		788.580	797.420	788-798	PASS
	Extreme (-10°C)		788.517	797.483	788-798	PASS
	20°C	LV	788.507	797.493	788-798	PASS
		HV	788.559	797.441	788-798	PASS

LTE B14 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
795.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	793.242	797.758	788-798	PASS
	Extreme (40°C)		793.296	797.704	788-798	PASS
	Extreme (30°C)		793.239	797.761	788-798	PASS
	Extreme (20°C)		793.224	797.776	788-798	PASS
	Extreme (10°C)		793.238	797.762	788-798	PASS
	Extreme (0°C)		793.211	797.789	788-798	PASS
	Extreme (-10°C)		793.259	797.741	788-798	PASS
	20°C	LV	793.241	797.759	788-798	PASS
		HV	793.267	797.733	788-798	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	704.225	708.775	704-716	PASS
	Extreme (40°C)		704.283	708.717	704-716	PASS
	Extreme (30°C)		704.273	708.727	704-716	PASS
	Extreme (20°C)		704.239	708.761	704-716	PASS
	Extreme (10°C)		704.262	708.738	704-716	PASS
	Extreme (0°C)		704.240	708.760	704-716	PASS
	Extreme (-10°C)		704.264	708.736	704-716	PASS
	20°C	LV	704.284	708.716	704-716	PASS
		HV	704.235	708.765	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	704.641	713.359	704-716	PASS
	Extreme (40°C)		704.581	713.419	704-716	PASS
	Extreme (30°C)		704.639	713.361	704-716	PASS
	Extreme (20°C)		704.570	713.430	704-716	PASS
	Extreme (10°C)		704.546	713.454	704-716	PASS
	Extreme (0°C)		704.596	713.404	704-716	PASS
	Extreme (-10°C)		704.591	713.409	704-716	PASS
	20°C	LV	704.586	713.414	704-716	PASS
		HV	704.629	713.371	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				

	Extreme (50°C)	NV	711.254	715.746	704-716	PASS
	Extreme (40°C)		711.274	715.726	704-716	PASS
	Extreme (30°C)		711.236	715.764	704-716	PASS
	Extreme (20°C)		711.287	715.713	704-716	PASS
	Extreme (10°C)		711.230	715.770	704-716	PASS
	Extreme (0°C)		711.254	715.746	704-716	PASS
	Extreme (-10°C)		711.299	715.701	704-716	PASS
	20°C	LV	711.216	715.784	704-716	PASS
		HV	711.299	715.701	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	706.641	715.359	704-716	PASS
	Extreme (40°C)		706.611	715.389	704-716	PASS
	Extreme (30°C)		706.553	715.447	704-716	PASS
	Extreme (20°C)		706.608	715.392	704-716	PASS
	Extreme (10°C)		706.609	715.391	704-716	PASS
	Extreme (0°C)		706.634	715.366	704-716	PASS
	Extreme (-10°C)		706.557	715.443	704-716	PASS
	20°C	LV	706.510	715.490	704-716	PASS
		HV	706.634	715.366	704-716	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.147	1851.253	1850-1915	PASS
	Extreme (40°C)		1850.149	1851.251	1850-1915	PASS
	Extreme (30°C)		1850.149	1851.251	1850-1915	PASS
	Extreme (20°C)		1850.147	1851.253	1850-1915	PASS
	Extreme (10°C)		1850.149	1851.251	1850-1915	PASS
	Extreme (0°C)		1850.150	1851.250	1850-1915	PASS
	Extreme (-10°C)		1850.149	1851.251	1850-1915	PASS
	20°C	LV	1850.147	1851.253	1850-1915	PASS
		HV	1850.148	1851.252	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	1850.146	1852.854	1850-1915	PASS
	Extreme (40°C)		1850.149	1852.851	1850-1915	PASS
	Extreme (30°C)		1850.147	1852.853	1850-1915	PASS
	Extreme (20°C)		1850.146	1852.854	1850-1915	PASS

	Extreme (10°C)		1850.148	1852.852	1850-1915	PASS
	Extreme (0°C)		1850.150	1852.850	1850-1915	PASS
	Extreme (-10°C)		1850.147	1852.853	1850-1915	PASS
	20°C	LV	1850.150	1852.850	1850-1915	PASS
		HV	1850.146	1852.854	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	1850.274	1854.726	1850-1915	PASS
	Extreme (40°C)		1850.275	1854.725	1850-1915	PASS
	Extreme (30°C)		1850.246	1854.754	1850-1915	PASS
	Extreme (20°C)		1850.289	1854.711	1850-1915	PASS
	Extreme (10°C)		1850.227	1854.773	1850-1915	PASS
	Extreme (0°C)		1850.280	1854.720	1850-1915	PASS
	Extreme (-10°C)		1850.285	1854.715	1850-1915	PASS
	20°C	LV	1850.290	1854.710	1850-1915	PASS
		HV	1850.253	1854.747	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.503	1859.497	1850-1915	PASS
	Extreme (40°C)		1850.620	1859.380	1850-1915	PASS
	Extreme (30°C)		1850.640	1859.360	1850-1915	PASS
	Extreme (20°C)		1850.548	1859.452	1850-1915	PASS
	Extreme (10°C)		1850.567	1859.433	1850-1915	PASS
	Extreme (0°C)		1850.589	1859.411	1850-1915	PASS
	Extreme (-10°C)		1850.539	1859.461	1850-1915	PASS
	20°C	LV	1850.611	1859.389	1850-1915	PASS
		HV	1850.607	1859.393	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.757	1864.243	1850-1915	PASS
	Extreme (40°C)		1850.738	1864.262	1850-1915	PASS
	Extreme (30°C)		1850.743	1864.257	1850-1915	PASS
	Extreme (20°C)		1850.720	1864.280	1850-1915	PASS
	Extreme (10°C)		1850.793	1864.207	1850-1915	PASS
	Extreme (0°C)		1850.788	1864.212	1850-1915	PASS
	Extreme (-10°C)		1850.715	1864.285	1850-1915	PASS
	20°C	LV	1850.722	1864.278	1850-1915	PASS

		HV	1850.734	1864.266	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1851.038	1868.962	1850-1915	PASS
	Extreme (40°C)		1851.036	1868.964	1850-1915	PASS
	Extreme (30°C)		1851.042	1868.958	1850-1915	PASS
	Extreme (20°C)		1851.045	1868.955	1850-1915	PASS
	Extreme (10°C)		1851.045	1868.955	1850-1915	PASS
	Extreme (0°C)		1851.041	1868.959	1850-1915	PASS
	Extreme (-10°C)		1851.001	1868.999	1850-1915	PASS
	20°C	LV	1851.046	1868.954	1850-1915	PASS
		HV	1851.027	1868.973	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1914.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1913.745	1914.855	1850-1915	PASS
	Extreme (40°C)		1913.749	1914.851	1850-1915	PASS
	Extreme (30°C)		1913.750	1914.850	1850-1915	PASS
	Extreme (20°C)		1913.748	1914.852	1850-1915	PASS
	Extreme (10°C)		1913.749	1914.851	1850-1915	PASS
	Extreme (0°C)		1913.745	1914.855	1850-1915	PASS
	Extreme (-10°C)		1913.745	1914.855	1850-1915	PASS
	20°C	LV	1913.748	1914.852	1850-1915	PASS
		HV	1913.747	1914.853	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1913.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1912.146	1914.854	1850-1915	PASS
	Extreme (40°C)		1912.147	1914.853	1850-1915	PASS
	Extreme (30°C)		1912.146	1914.854	1850-1915	PASS
	Extreme (20°C)		1912.148	1914.852	1850-1915	PASS
	Extreme (10°C)		1912.148	1914.852	1850-1915	PASS
	Extreme (0°C)		1912.146	1914.854	1850-1915	PASS
	Extreme (-10°C)		1912.147	1914.853	1850-1915	PASS
	20°C	LV	1912.147	1914.853	1850-1915	PASS
		HV	1912.149	1914.851	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1912.5	BANDWIDTH	5MHz				

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	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1910.218	1914.782	1850-1915	PASS
	Extreme (40℃)		1910.260	1914.740	1850-1915	PASS
	Extreme (30℃)		1910.268	1914.732	1850-1915	PASS
	Extreme (20℃)		1910.255	1914.745	1850-1915	PASS
	Extreme (10℃)		1910.209	1914.791	1850-1915	PASS
	Extreme (0℃)		1910.271	1914.729	1850-1915	PASS
	Extreme (-10℃)		1910.237	1914.763	1850-1915	PASS
	20℃	LV	1910.297	1914.703	1850-1915	PASS
		HV	1910.298	1914.702	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.530	1914.470	1850-1915	PASS
	Extreme (40℃)		1905.526	1914.474	1850-1915	PASS
	Extreme (30℃)		1905.540	1914.460	1850-1915	PASS
	Extreme (20℃)		1905.545	1914.455	1850-1915	PASS
	Extreme (10℃)		1905.604	1914.396	1850-1915	PASS
	Extreme (0℃)		1905.508	1914.492	1850-1915	PASS
	Extreme (-10℃)		1905.569	1914.431	1850-1915	PASS
	20℃	LV	1905.593	1914.407	1850-1915	PASS
HV		1905.612	1914.388	1850-1915	PASS	
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1900.730	1914.270	1850-1915	PASS
	Extreme (40℃)		1900.776	1914.224	1850-1915	PASS
	Extreme (30℃)		1900.741	1914.259	1850-1915	PASS
	Extreme (20℃)		1900.702	1914.298	1850-1915	PASS
	Extreme (10℃)		1900.719	1914.281	1850-1915	PASS
	Extreme (0℃)		1900.776	1914.224	1850-1915	PASS
	Extreme (-10℃)		1900.761	1914.239	1850-1915	PASS
	20℃	LV	1900.735	1914.265	1850-1915	PASS
HV		1900.787	1914.213	1850-1915	PASS	
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1895.941	1914.059	1850-1915	PASS
	Extreme (40℃)		1895.993	1914.007	1850-1915	PASS
	Extreme (30℃)		1895.978	1914.022	1850-1915	PASS

	Extreme (20°C)		1895.910	1914.090	1850-1915	PASS
	Extreme (10°C)		1895.909	1914.091	1850-1915	PASS
	Extreme (0°C)		1895.953	1914.047	1850-1915	PASS
	Extreme (-10°C)		1895.969	1914.031	1850-1915	PASS
	20°C	LV	1895.901	1914.099	1850-1915	PASS
		HV	1895.961	1914.039	1850-1915	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.269	2574.731	2570-2620	PASS
	Extreme (40°C)		2570.296	2574.704	2570-2620	PASS
	Extreme (30°C)		2570.296	2574.704	2570-2620	PASS
	Extreme (20°C)		2570.243	2574.757	2570-2620	PASS
	Extreme (10°C)		2570.245	2574.755	2570-2620	PASS
	Extreme (0°C)		2570.273	2574.727	2570-2620	PASS
	Extreme (-10°C)		2570.283	2574.717	2570-2620	PASS
	20°C	LV	2570.242	2574.758	2570-2620	PASS
		HV	2570.208	2574.792	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.528	2579.472	2570-2620	PASS
	Extreme (40°C)		2570.562	2579.438	2570-2620	PASS
	Extreme (30°C)		2570.599	2579.401	2570-2620	PASS
	Extreme (20°C)		2570.637	2579.363	2570-2620	PASS
	Extreme (10°C)		2570.577	2579.423	2570-2620	PASS
	Extreme (0°C)		2570.567	2579.433	2570-2620	PASS
	Extreme (-10°C)		2570.583	2579.417	2570-2620	PASS
	20°C	LV	2570.632	2579.368	2570-2620	PASS
		HV	2570.513	2579.487	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	2570.731	2584.269	2570-2620	PASS
	Extreme (40°C)		2570.716	2584.284	2570-2620	PASS
	Extreme (30°C)		2570.796	2584.204	2570-2620	PASS
	Extreme (20°C)		2570.762	2584.238	2570-2620	PASS
	Extreme (10°C)		2570.761	2584.239	2570-2620	PASS
	Extreme (0°C)		2570.776	2584.224	2570-2620	PASS
	Extreme (-10°C)		2570.796	2584.204	2570-2620	PASS

	20°C	LV	2570.758	2584.242	2570-2620	PASS
		HV	2570.764	2584.236	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	2571.007	2588.993	2570-2620	PASS
	Extreme (40°C)		2571.004	2588.996	2570-2620	PASS
	Extreme (30°C)		2571.032	2588.968	2570-2620	PASS
	Extreme (20°C)		2571.030	2588.970	2570-2620	PASS
	Extreme (10°C)		2571.004	2588.996	2570-2620	PASS
	Extreme (0°C)		2571.015	2588.985	2570-2620	PASS
	Extreme (-10°C)		2571.049	2588.951	2570-2620	PASS
	20°C	LV	2571.026	2588.974	2570-2620	PASS
		HV	2571.046	2588.954	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2615.238	2619.762	2570-2620	PASS
	Extreme (40°C)		2615.226	2619.774	2570-2620	PASS
	Extreme (30°C)		2615.225	2619.775	2570-2620	PASS
	Extreme (20°C)		2615.270	2619.730	2570-2620	PASS
	Extreme (10°C)		2615.231	2619.769	2570-2620	PASS
	Extreme (0°C)		2615.272	2619.728	2570-2620	PASS
	Extreme (-10°C)		2615.266	2619.734	2570-2620	PASS
	20°C	LV	2615.225	2619.775	2570-2620	PASS
		HV	2615.246	2619.754	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2610.547	2619.453	2570-2620	PASS
	Extreme (40°C)		2610.505	2619.495	2570-2620	PASS
	Extreme (30°C)		2610.558	2619.442	2570-2620	PASS
	Extreme (20°C)		2610.636	2619.364	2570-2620	PASS
	Extreme (10°C)		2610.569	2619.431	2570-2620	PASS
	Extreme (0°C)		2610.585	2619.415	2570-2620	PASS
	Extreme (-10°C)		2610.501	2619.499	2570-2620	PASS
	20°C	LV	2610.603	2619.397	2570-2620	PASS
		HV	2610.644	2619.356	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	2605.779	2619.221	2570-2620	PASS
	Extreme (40°C)		2605.707	2619.293	2570-2620	PASS
	Extreme (30°C)		2605.777	2619.223	2570-2620	PASS
	Extreme (20°C)		2605.752	2619.248	2570-2620	PASS
	Extreme (10°C)		2605.771	2619.229	2570-2620	PASS
	Extreme (0°C)		2605.773	2619.227	2570-2620	PASS
	Extreme (-10°C)		2605.769	2619.231	2570-2620	PASS
	20°C	LV	2605.724	2619.276	2570-2620	PASS
		HV	2605.739	2619.261	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°C)	NV	2600.926	2619.074	2570-2620	PASS
	Extreme (40°C)		2600.963	2619.037	2570-2620	PASS
	Extreme (30°C)		2600.983	2619.017	2570-2620	PASS
	Extreme (20°C)		2600.958	2619.042	2570-2620	PASS
	Extreme (10°C)		2600.904	2619.096	2570-2620	PASS
	Extreme (0°C)		2600.948	2619.052	2570-2620	PASS
	Extreme (-10°C)		2600.937	2619.063	2570-2620	PASS
	20°C	LV	2600.930	2619.070	2570-2620	PASS
		HV	2600.993	2619.007	2570-2620	PASS
LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2307.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2305.247	2309.753	2305-2315	PASS
	Extreme (40°C)		2305.274	2309.726	2305-2315	PASS
	Extreme (30°C)		2305.277	2309.723	2305-2315	PASS
	Extreme (20°C)		2305.201	2309.799	2305-2315	PASS
	Extreme (10°C)		2305.234	2309.766	2305-2315	PASS
	Extreme (0°C)		2305.235	2309.765	2305-2315	PASS
	Extreme (-10°C)		2305.212	2309.788	2305-2315	PASS
	20°C	LV	2305.240	2309.760	2305-2315	PASS
		HV	2305.229	2309.771	2305-2315	PASS
LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2310	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	2305.524	2314.476	2305-2315	PASS
	Extreme (40°C)		2305.587	2314.413	2305-2315	PASS

	Extreme (30°C)		2305.500	2314.500	2305-2315	PASS
	Extreme (20°C)		2305.518	2314.482	2305-2315	PASS
	Extreme (10°C)		2305.556	2314.444	2305-2315	PASS
	Extreme (0°C)		2305.591	2314.409	2305-2315	PASS
	Extreme (-10°C)		2305.508	2314.492	2305-2315	PASS
	20°C	LV	2305.595	2314.405	2305-2315	PASS
		HV	2305.594	2314.406	2305-2315	PASS
LTE B30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2312.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2310.211	2314.789	2305-2315	PASS
	Extreme (40°C)		2310.292	2314.708	2305-2315	PASS
	Extreme (30°C)		2310.220	2314.780	2305-2315	PASS
	Extreme (20°C)		2310.241	2314.759	2305-2315	PASS
	Extreme (10°C)		2310.280	2314.720	2305-2315	PASS
	Extreme (0°C)		2310.218	2314.782	2305-2315	PASS
	Extreme (-10°C)		2310.290	2314.710	2305-2315	PASS
	20°C	LV	2310.288	2314.712	2305-2315	PASS
		HV	2310.262	2314.738	2305-2315	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2498.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.275	2500.725	2496-2690	PASS
	Extreme (40°C)		2496.208	2500.792	2496-2690	PASS
	Extreme (30°C)		2496.299	2500.701	2496-2690	PASS
	Extreme (20°C)		2496.242	2500.758	2496-2690	PASS
	Extreme (10°C)		2496.253	2500.747	2496-2690	PASS
	Extreme (0°C)		2496.260	2500.740	2496-2690	PASS
	Extreme (-10°C)		2496.288	2500.712	2496-2690	PASS
	20°C	LV	2496.240	2500.760	2496-2690	PASS
		HV	2496.296	2500.704	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2501	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.638	2505.362	2496-2690	PASS
	Extreme (40°C)		2496.519	2505.481	2496-2690	PASS
	Extreme (30°C)		2496.503	2505.497	2496-2690	PASS
	Extreme (20°C)		2496.614	2505.386	2496-2690	PASS
	Extreme (10°C)		2496.541	2505.459	2496-2690	PASS
	Extreme (0°C)		2496.630	2505.370	2496-2690	PASS

	Extreme (-10°C)		2496.584	2505.416	2496-2690	PASS
	20°C	LV	2496.616	2505.384	2496-2690	PASS
		HV	2496.550	2505.450	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2503.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.793	2510.207	2496-2690	PASS
	Extreme (40°C)		2496.705	2510.295	2496-2690	PASS
	Extreme (30°C)		2496.791	2510.209	2496-2690	PASS
	Extreme (20°C)		2496.722	2510.278	2496-2690	PASS
	Extreme (10°C)		2496.763	2510.237	2496-2690	PASS
	Extreme (0°C)		2496.725	2510.275	2496-2690	PASS
	Extreme (-10°C)		2496.779	2510.221	2496-2690	PASS
	20°C	LV	2496.775	2510.225	2496-2690	PASS
		HV	2496.751	2510.249	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2506	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.008	2514.992	2496-2690	PASS
	Extreme (40°C)		2497.044	2514.956	2496-2690	PASS
	Extreme (30°C)		2497.009	2514.991	2496-2690	PASS
	Extreme (20°C)		2497.040	2514.960	2496-2690	PASS
	Extreme (10°C)		2497.016	2514.984	2496-2690	PASS
	Extreme (0°C)		2497.041	2514.959	2496-2690	PASS
	Extreme (-10°C)		2497.018	2514.982	2496-2690	PASS
	20°C	LV	2497.031	2514.969	2496-2690	PASS
		HV	2497.000	2515.000	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2687.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2685.230	2689.770	2496-2690	PASS
	Extreme (40°C)		2685.248	2689.752	2496-2690	PASS
	Extreme (30°C)		2685.270	2689.730	2496-2690	PASS
	Extreme (20°C)		2685.209	2689.791	2496-2690	PASS
	Extreme (10°C)		2685.284	2689.716	2496-2690	PASS
	Extreme (0°C)		2685.297	2689.703	2496-2690	PASS
	Extreme (-10°C)		2685.255	2689.745	2496-2690	PASS
	20°C	LV	2685.271	2689.729	2496-2690	PASS
		HV	2685.208	2689.792	2496-2690	PASS
LTE B41	Condition		F Low (MHz)	F High (MHz)	Limit	Verdict

Fc(MHz)					(MHz)	
2685	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2680.595	2689.405	2496-2690	PASS
	Extreme (40℃)		2680.583	2689.417	2496-2690	PASS
	Extreme (30℃)		2680.576	2689.424	2496-2690	PASS
	Extreme (20℃)		2680.621	2689.379	2496-2690	PASS
	Extreme (10℃)		2680.585	2689.415	2496-2690	PASS
	Extreme (0℃)		2680.566	2689.434	2496-2690	PASS
	Extreme (-10℃)		2680.510	2689.490	2496-2690	PASS
	20℃	LV	2680.509	2689.491	2496-2690	PASS
		HV	2680.619	2689.381	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2682.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2675.723	2689.277	2496-2690	PASS
	Extreme (40℃)		2675.756	2689.244	2496-2690	PASS
	Extreme (30℃)		2675.799	2689.201	2496-2690	PASS
	Extreme (20℃)		2675.714	2689.286	2496-2690	PASS
	Extreme (10℃)		2675.776	2689.224	2496-2690	PASS
	Extreme (0℃)		2675.763	2689.237	2496-2690	PASS
	Extreme (-10℃)		2675.775	2689.225	2496-2690	PASS
	20℃	LV	2675.706	2689.294	2496-2690	PASS
		HV	2675.713	2689.287	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2670.938	2689.062	2496-2690	PASS
	Extreme (40℃)		2670.903	2689.097	2496-2690	PASS
	Extreme (30℃)		2670.940	2689.060	2496-2690	PASS
	Extreme (20℃)		2670.976	2689.024	2496-2690	PASS
	Extreme (10℃)		2670.995	2689.005	2496-2690	PASS
	Extreme (0℃)		2670.926	2689.074	2496-2690	PASS
	Extreme (-10℃)		2670.918	2689.082	2496-2690	PASS
	20℃	LV	2670.974	2689.026	2496-2690	PASS
		HV	2670.950	2689.050	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	1710.145	1711.255	1710-1780	PASS

	Extreme (40°C)		1710.147	1711.253	1710-1780	PASS
	Extreme (30°C)		1710.145	1711.255	1710-1780	PASS
	Extreme (20°C)		1710.149	1711.251	1710-1780	PASS
	Extreme (10°C)		1710.145	1711.255	1710-1780	PASS
	Extreme (0°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (-10°C)		1710.149	1711.251	1710-1780	PASS
	20°C	LV	1710.147	1711.253	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	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.145	1712.855	1710-1780	PASS
	Extreme (40°C)		1710.146	1712.854	1710-1780	PASS
	Extreme (30°C)		1710.149	1712.851	1710-1780	PASS
	Extreme (20°C)		1710.148	1712.852	1710-1780	PASS
	Extreme (10°C)		1710.145	1712.855	1710-1780	PASS
	Extreme (0°C)		1710.148	1712.852	1710-1780	PASS
	Extreme (-10°C)		1710.147	1712.853	1710-1780	PASS
	20°C	LV	1710.149	1712.851	1710-1780	PASS
		HV	1710.146	1712.854	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.245	1714.755	1710-1780	PASS
	Extreme (40°C)		1710.269	1714.731	1710-1780	PASS
	Extreme (30°C)		1710.236	1714.764	1710-1780	PASS
	Extreme (20°C)		1710.222	1714.778	1710-1780	PASS
	Extreme (10°C)		1710.215	1714.785	1710-1780	PASS
	Extreme (0°C)		1710.282	1714.718	1710-1780	PASS
	Extreme (-10°C)		1710.298	1714.702	1710-1780	PASS
	20°C	LV	1710.252	1714.748	1710-1780	PASS
		HV	1710.231	1714.769	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.578	1719.422	1710-1780	PASS
	Extreme (40°C)		1710.592	1719.408	1710-1780	PASS
	Extreme (30°C)		1710.597	1719.403	1710-1780	PASS
	Extreme (20°C)		1710.538	1719.462	1710-1780	PASS
	Extreme (10°C)		1710.533	1719.467	1710-1780	PASS

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	Extreme (0℃)		1710.634	1719.366	1710-1780	PASS
	Extreme (-10℃)		1710.590	1719.410	1710-1780	PASS
	20℃	LV	1710.598	1719.402	1710-1780	PASS
		HV	1710.533	1719.467	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.795	1724.205	1710-1780	PASS
	Extreme (40℃)		1710.720	1724.280	1710-1780	PASS
	Extreme (30℃)		1710.734	1724.266	1710-1780	PASS
	Extreme (20℃)		1710.798	1724.202	1710-1780	PASS
	Extreme (10℃)		1710.758	1724.242	1710-1780	PASS
	Extreme (0℃)		1710.709	1724.291	1710-1780	PASS
	Extreme (-10℃)		1710.735	1724.265	1710-1780	PASS
	20℃	LV	1710.751	1724.249	1710-1780	PASS
		HV	1710.735	1724.265	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.012	1728.988	1710-1780	PASS
	Extreme (40℃)		1711.014	1728.986	1710-1780	PASS
	Extreme (30℃)		1711.038	1728.962	1710-1780	PASS
	Extreme (20℃)		1711.028	1728.972	1710-1780	PASS
	Extreme (10℃)		1711.029	1728.971	1710-1780	PASS
	Extreme (0℃)		1711.024	1728.976	1710-1780	PASS
	Extreme (-10℃)		1711.036	1728.964	1710-1780	PASS
	20℃	LV	1711.000	1729.000	1710-1780	PASS
HV		1711.001	1728.999	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℃)		1778.745	1779.855	1710-1780	PASS
	Extreme (20℃)		1778.748	1779.852	1710-1780	PASS
	Extreme (10℃)		1778.749	1779.851	1710-1780	PASS
	Extreme (0℃)		1778.750	1779.850	1710-1780	PASS
	Extreme (-10℃)		1778.750	1779.850	1710-1780	PASS
	20℃	LV	1778.745	1779.855	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	QPSK		1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1777.149	1779.851	1710-1780	PASS
	Extreme (40°C)		1777.147	1779.853	1710-1780	PASS
	Extreme (30°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (20°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (10°C)		1777.148	1779.852	1710-1780	PASS
	Extreme (0°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (-10°C)		1777.146	1779.854	1710-1780	PASS
	20°C	LV	1777.146	1779.854	1710-1780	PASS
		HV	1777.146	1779.854	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1777.5	BANDWIDTH	5MHz	QPSK		1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1775.221	1779.779	1710-1780	PASS
	Extreme (40°C)		1775.223	1779.777	1710-1780	PASS
	Extreme (30°C)		1775.271	1779.729	1710-1780	PASS
	Extreme (20°C)		1775.263	1779.737	1710-1780	PASS
	Extreme (10°C)		1775.216	1779.784	1710-1780	PASS
	Extreme (0°C)		1775.271	1779.729	1710-1780	PASS
	Extreme (-10°C)		1775.205	1779.795	1710-1780	PASS
	20°C	LV	1775.276	1779.724	1710-1780	PASS
		HV	1775.279	1779.721	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	BANDWIDTH	10MHz	QPSK		1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1770.552	1779.448	1710-1780	PASS
	Extreme (40°C)		1770.617	1779.383	1710-1780	PASS
	Extreme (30°C)		1770.558	1779.442	1710-1780	PASS
	Extreme (20°C)		1770.526	1779.474	1710-1780	PASS
	Extreme (10°C)		1770.542	1779.458	1710-1780	PASS
	Extreme (0°C)		1770.529	1779.471	1710-1780	PASS
	Extreme (-10°C)		1770.580	1779.420	1710-1780	PASS
	20°C	LV	1770.555	1779.445	1710-1780	PASS
		HV	1770.608	1779.392	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz	QPSK		1710-1780	PASS
	Temperature	Voltage				

	Extreme (50°C)	NV	1765.737	1779.263	1710-1780	PASS
	Extreme (40°C)		1765.728	1779.272	1710-1780	PASS
	Extreme (30°C)		1765.742	1779.258	1710-1780	PASS
	Extreme (20°C)		1765.733	1779.267	1710-1780	PASS
	Extreme (10°C)		1765.797	1779.203	1710-1780	PASS
	Extreme (0°C)		1765.752	1779.248	1710-1780	PASS
	Extreme (-10°C)		1765.795	1779.205	1710-1780	PASS
	20°C	LV	1765.727	1779.273	1710-1780	PASS
		HV	1765.705	1779.295	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1770	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1760.924	1779.076	1710-1780	PASS
	Extreme (40°C)		1760.903	1779.097	1710-1780	PASS
	Extreme (30°C)		1760.945	1779.055	1710-1780	PASS
	Extreme (20°C)		1760.930	1779.070	1710-1780	PASS
	Extreme (10°C)		1760.978	1779.022	1710-1780	PASS
	Extreme (0°C)		1760.924	1779.076	1710-1780	PASS
	Extreme (-10°C)		1760.963	1779.037	1710-1780	PASS
	20°C	LV	1760.924	1779.076	1710-1780	PASS
		HV	1760.954	1779.046	1710-1780	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
665.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	663.250	667.750	663-698	PASS
	Extreme (40°C)		663.257	667.743	663-698	PASS
	Extreme (30°C)		663.255	667.745	663-698	PASS
	Extreme (20°C)		663.250	667.750	663-698	PASS
	Extreme (10°C)		663.256	667.744	663-698	PASS
	Extreme (0°C)		663.258	667.742	663-698	PASS
	Extreme (-10°C)		663.258	667.742	663-698	PASS
	20°C	LV	663.259	667.741	663-698	PASS
		HV	663.254	667.746	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
668	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	663.515	672.485	663-698	PASS
	Extreme (40°C)		663.514	672.486	663-698	PASS
	Extreme (30°C)		663.515	672.485	663-698	PASS
	Extreme (20°C)		663.533	672.467	663-698	PASS

	Extreme (10°C)		663.512	672.488	663-698	PASS
	Extreme (0°C)		663.526	672.474	663-698	PASS
	Extreme (-10°C)		663.517	672.483	663-698	PASS
	20°C	LV	663.532	672.468	663-698	PASS
		HV	663.509	672.491	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
670.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	663.739	677.261	663-698	PASS
	Extreme (40°C)		663.739	677.261	663-698	PASS
	Extreme (30°C)		663.792	677.208	663-698	PASS
	Extreme (20°C)		663.712	677.288	663-698	PASS
	Extreme (10°C)		663.735	677.265	663-698	PASS
	Extreme (0°C)		663.710	677.290	663-698	PASS
	Extreme (-10°C)		663.700	677.300	663-698	PASS
	20°C	LV	663.776	677.224	663-698	PASS
		HV	663.714	677.286	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
673	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	664.047	681.953	663-698	PASS
	Extreme (40°C)		664.046	681.954	663-698	PASS
	Extreme (30°C)		664.049	681.951	663-698	PASS
	Extreme (20°C)		664.048	681.952	663-698	PASS
	Extreme (10°C)		664.047	681.953	663-698	PASS
	Extreme (0°C)		664.049	681.951	663-698	PASS
	Extreme (-10°C)		664.046	681.954	663-698	PASS
	20°C	LV	664.047	681.953	663-698	PASS
		HV	664.049	681.951	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
695.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	693.251	697.749	663-698	PASS
	Extreme (40°C)		693.253	697.747	663-698	PASS
	Extreme (30°C)		693.251	697.749	663-698	PASS
	Extreme (20°C)		693.254	697.746	663-698	PASS
	Extreme (10°C)		693.251	697.749	663-698	PASS
	Extreme (0°C)		693.253	697.747	663-698	PASS
	Extreme (-10°C)		693.255	697.745	663-698	PASS
	20°C	LV	693.256	697.744	663-698	PASS

		HV	693.254	697.746	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
693	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	688.510	697.490	663-698	PASS
	Extreme (40°C)		688.533	697.467	663-698	PASS
	Extreme (30°C)		688.510	697.490	663-698	PASS
	Extreme (20°C)		688.509	697.491	663-698	PASS
	Extreme (10°C)		688.526	697.474	663-698	PASS
	Extreme (0°C)		688.516	697.484	663-698	PASS
	Extreme (-10°C)		688.518	697.482	663-698	PASS
	20°C	LV	688.528	697.472	663-698	PASS
		HV	688.531	697.469	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
690.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	683.748	697.252	663-698	PASS
	Extreme (40°C)		683.795	697.205	663-698	PASS
	Extreme (30°C)		683.795	697.205	663-698	PASS
	Extreme (20°C)		683.752	697.248	663-698	PASS
	Extreme (10°C)		683.779	697.221	663-698	PASS
	Extreme (0°C)		683.718	697.282	663-698	PASS
	Extreme (-10°C)		683.723	697.277	663-698	PASS
	20°C	LV	683.718	697.282	663-698	PASS
		HV	683.776	697.224	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
688	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	679.049	696.951	663-698	PASS
	Extreme (40°C)		679.050	696.950	663-698	PASS
	Extreme (30°C)		679.045	696.955	663-698	PASS
	Extreme (20°C)		679.049	696.951	663-698	PASS
	Extreme (10°C)		679.048	696.952	663-698	PASS
	Extreme (0°C)		679.046	696.954	663-698	PASS
	Extreme (-10°C)		679.049	696.951	663-698	PASS
	20°C	LV	679.048	696.952	663-698	PASS
		HV	679.048	696.952	663-698	PASS