

Frequency Stability

Original

	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme(50°C)	NV	8.07	0.00964	PASS
	Extreme(40°C)		3.00	0.00359	PASS
	Extreme(30°C)		8.45	0.01010	PASS
	Extreme(20°C)		5.22	0.00624	PASS
	Extreme(10°C)		14.52	0.01736	PASS
	Extreme(0°C)		16.47	0.01968	PASS
	Extreme(-10°C)		8.93	0.01067	PASS
	Extreme(-20°C)		17.07	0.02040	PASS
	Extreme(-30°C)		6.58	0.00787	PASS
	25°C	LV	9.33	0.01115	PASS
		HV	8.61	0.01029	PASS
	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
WCDMA B5	Extreme(50°C)	NV	13.23	0.01581	PASS
	Extreme(40°C)		15.06	0.01800	PASS
	Extreme(30°C)		6.64	0.00793	PASS
	Extreme(20°C)		6.51	0.00778	PASS
	Extreme(10°C)		5.68	0.00678	PASS
	Extreme(0°C)		12.66	0.01514	PASS
	Extreme(-10°C)		17.81	0.02129	PASS
	Extreme(-20°C)		4.94	0.00590	PASS
	Extreme(-30°C)		12.61	0.01507	PASS
	25°C	LV	8.62	0.01030	PASS
		HV	13.31	0.01590	PASS

Band5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	15.32	0.01831	PASS
	Extreme(40°C)		4.13	0.00494	PASS
	Extreme(30°C)		12.93	0.01545	PASS
	Extreme(20°C)		4.58	0.00548	PASS
	Extreme(10°C)		2.64	0.00315	PASS
	Extreme(0°C)		15.40	0.01841	PASS
	Extreme(-10°C)		5.04	0.00603	PASS
	Extreme(-20°C)		15.58	0.01863	PASS
	Extreme(-30°C)		4.55	0.00544	PASS
	25°C	LV	12.13	0.01450	PASS
		HV	14.66	0.01753	PASS
Band5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	1.71	0.00205	PASS
	Extreme(40°C)		13.41	0.01603	PASS
	Extreme(30°C)		16.55	0.01978	PASS
	Extreme(20°C)		7.82	0.00935	PASS
	Extreme(10°C)		6.99	0.00836	PASS
	Extreme(0°C)		16.34	0.01953	PASS
	Extreme(-10°C)		7.86	0.00940	PASS
	Extreme(-20°C)		16.95	0.02026	PASS
	Extreme(-30°C)		17.54	0.02097	PASS
	25°C	LV	7.44	0.00890	PASS
		HV	15.92	0.01904	PASS
Band5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	3.40	0.00407	PASS
	Extreme(40°C)		13.45	0.01608	PASS
	Extreme(30°C)		8.72	0.01042	PASS
	Extreme(20°C)		10.41	0.01244	PASS
	Extreme(10°C)		2.25	0.00268	PASS

	Extreme(0°C)		3.91	0.00467	PASS
	Extreme(-10°C)		14.91	0.01783	PASS
	Extreme(-20°C)		12.91	0.01544	PASS
	Extreme(-30°C)		15.58	0.01862	PASS
	25°C	LV	7.07	0.00845	PASS
		HV	16.82	0.02011	PASS
Band5	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	16.88	0.02018	PASS
	Extreme(40°C)		16.33	0.01952	PASS
	Extreme(30°C)		8.52	0.01018	PASS
	Extreme(20°C)		1.24	0.00148	PASS
	Extreme(10°C)		9.60	0.01148	PASS
	Extreme(0°C)		16.14	0.01929	PASS
	Extreme(-10°C)		17.92	0.02142	PASS
	Extreme(-20°C)		3.01	0.00360	PASS
	Extreme(-30°C)		3.30	0.00395	PASS
	25°C	LV	4.69	0.00560	PASS
		HV	3.54	0.00423	PASS
Band26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	7.45	0.00890	PASS
	Extreme(40°C)		12.74	0.01523	PASS
	Extreme(30°C)		12.04	0.01439	PASS
	Extreme(20°C)		7.72	0.00923	PASS
	Extreme(10°C)		3.26	0.00389	PASS
	Extreme(0°C)		8.31	0.00993	PASS
	Extreme(-10°C)		15.03	0.01796	PASS
	Extreme(-20°C)		9.89	0.01182	PASS
	Extreme(-30°C)		11.57	0.01383	PASS
	25°C	LV	3.69	0.00441	PASS
		HV	14.77	0.01766	PASS
Band26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme(50°C)	NV	6.98	0.00834	PASS
	Extreme(40°C)		17.48	0.02090	PASS
	Extreme(30°C)		11.79	0.01410	PASS
	Extreme(20°C)		14.55	0.01739	PASS
	Extreme(10°C)		5.91	0.00707	PASS
	Extreme(0°C)		17.00	0.02032	PASS
	Extreme(-10°C)		8.77	0.01048	PASS
	Extreme(-20°C)		3.69	0.00441	PASS
	Extreme(-30°C)		17.21	0.02058	PASS
	25°C	LV	8.69	0.01039	PASS
		HV	10.55	0.01262	PASS
Band26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	1.46	0.00175	PASS
	Extreme(40°C)		6.91	0.00826	PASS
	Extreme(30°C)		10.26	0.01226	PASS
	Extreme(20°C)		10.18	0.01217	PASS
	Extreme(10°C)		16.88	0.02018	PASS
	Extreme(0°C)		17.46	0.02088	PASS
	Extreme(-10°C)		8.44	0.01009	PASS
	Extreme(-20°C)		15.12	0.01807	PASS
	Extreme(-30°C)		14.98	0.01790	PASS
	25°C	LV	12.31	0.01472	PASS
		HV	10.49	0.01254	PASS
Band26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	2.14	0.00256	PASS
	Extreme(40°C)		11.16	0.01334	PASS
	Extreme(30°C)		14.12	0.01687	PASS
	Extreme(20°C)		17.51	0.02093	PASS
	Extreme(10°C)		11.13	0.01330	PASS
	Extreme(0°C)		3.26	0.00389	PASS
	Extreme(-10°C)		10.48	0.01253	PASS
	Extreme(-20°C)		1.44	0.00172	PASS
	Extreme(-30°C)		17.32	0.02070	PASS
	25°C	LV	3.27	0.00391	PASS
		HV	7.18	0.00859	PASS

Band26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	15MHz			
	Temperature	Voltage	QPSK	QPSK	
Band26(824-849)	Extreme(50°C)	NV	7.80	0.00932	PASS
	Extreme(40°C)		1.83	0.00219	PASS
	Extreme(30°C)		6.24	0.00746	PASS
	Extreme(20°C)		12.22	0.01460	PASS
	Extreme(10°C)		13.93	0.01665	PASS
	Extreme(0°C)		12.73	0.01522	PASS
	Extreme(-10°C)		5.61	0.00671	PASS
	Extreme(-20°C)		2.28	0.00272	PASS
	Extreme(-30°C)		13.19	0.01577	PASS
	25°C	LV	1.79	0.00214	PASS
		HV	11.18	0.01336	PASS
Band26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	9.27	0.01132	PASS
	Extreme(40°C)		4.09	0.00500	PASS
	Extreme(30°C)		9.12	0.01113	PASS
	Extreme(20°C)		16.41	0.02004	PASS
	Extreme(10°C)		2.54	0.00310	PASS
	Extreme(0°C)		6.99	0.00853	PASS
	Extreme(-10°C)		9.82	0.01200	PASS
	Extreme(-20°C)		3.05	0.00372	PASS
	Extreme(-30°C)		7.66	0.00936	PASS
	25°C	LV	4.63	0.00565	PASS
		HV	16.36	0.01998	PASS
Band26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	1.99	0.00243	PASS
	Extreme(40°C)		11.08	0.01353	PASS
	Extreme(30°C)		16.52	0.02017	PASS
	Extreme(20°C)		12.61	0.01539	PASS
	Extreme(10°C)		1.65	0.00201	PASS
	Extreme(0°C)		13.12	0.01602	PASS

	Extreme(-10°C)		10.82	0.01321	PASS
	Extreme(-20°C)		12.32	0.01504	PASS
	Extreme(-30°C)		17.73	0.02165	PASS
	25°C	LV	4.78	0.00584	PASS
		HV	4.76	0.00582	PASS
Band26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	10.04	0.01225	PASS
	Extreme(40°C)		6.43	0.00785	PASS
	Extreme(30°C)		3.82	0.00466	PASS
	Extreme(20°C)		13.44	0.01641	PASS
	Extreme(10°C)		5.47	0.00668	PASS
	Extreme(0°C)		2.86	0.00349	PASS
	Extreme(-10°C)		1.42	0.00174	PASS
	Extreme(-20°C)		7.80	0.00952	PASS
	Extreme(-30°C)		10.99	0.01342	PASS
	25°C	LV	17.06	0.02083	PASS
		HV	3.50	0.00428	PASS
Band26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability(ppm)	Verdict
	Bandwidth	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme(50°C)	NV	11.85	0.01447	PASS
	Extreme(40°C)		3.66	0.00446	PASS
	Extreme(30°C)		4.02	0.00491	PASS
	Extreme(20°C)		1.70	0.00207	PASS
	Extreme(10°C)		16.97	0.02072	PASS
	Extreme(0°C)		17.90	0.02185	PASS
	Extreme(-10°C)		14.32	0.01749	PASS
	Extreme(-20°C)		14.47	0.01767	PASS
	Extreme(-30°C)		1.64	0.00201	PASS
	25°C	LV	16.12	0.01968	PASS
		HV	14.46	0.01766	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	Bandwidth	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme(50°C)	NV	1850.067	1850.333	1850-1910	PASS
	Extreme(40°C)		1850.062	1850.338	1850-1910	PASS
	Extreme(30°C)		1850.074	1850.326	1850-1910	PASS
	Extreme(20°C)		1850.062	1850.338	1850-1910	PASS
	Extreme(10°C)		1850.063	1850.337	1850-1910	PASS
	Extreme(0°C)		1850.069	1850.331	1850-1910	PASS
	Extreme(-10°C)		1850.079	1850.321	1850-1910	PASS
	Extreme(-20°C)		1850.079	1850.321	1850-1910	PASS
	Extreme(-30°C)		1850.065	1850.335	1850-1910	PASS
	25°C	LV	1850.075	1850.325	1850-1910	PASS
		HV	1850.079	1850.321	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.8	Bandwidth	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme(50°C)	NV	1909.662	1909.938	1850-1910	PASS
	Extreme(40°C)		1909.674	1909.926	1850-1910	PASS
	Extreme(30°C)		1909.664	1909.936	1850-1910	PASS
	Extreme(20°C)		1909.679	1909.921	1850-1910	PASS
	Extreme(10°C)		1909.678	1909.922	1850-1910	PASS
	Extreme(0°C)		1909.665	1909.935	1850-1910	PASS
	Extreme(-10°C)		1909.667	1909.933	1850-1910	PASS
	Extreme(-20°C)		1909.679	1909.921	1850-1910	PASS
	Extreme(-30°C)		1909.665	1909.935	1850-1910	PASS
	25°C	LV	1909.675	1909.925	1850-1910	PASS
		HV	1909.662	1909.938	1850-1910	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	Bandwidth	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme(50°C)	NV	1850.326	1854.474	1850-1910	PASS
	Extreme(40°C)		1850.325	1854.475	1850-1910	PASS
	Extreme(30°C)		1850.325	1854.475	1850-1910	PASS
	Extreme(20°C)		1850.315	1854.485	1850-1910	PASS

	Extreme(10°C)	LV	1850.315	1854.485	1850-1910	PASS
	Extreme(0°C)		1850.317	1854.483	1850-1910	PASS
	Extreme(-10°C)		1850.322	1854.478	1850-1910	PASS
	Extreme(-20°C)		1850.325	1854.475	1850-1910	PASS
	Extreme(-30°C)		1850.322	1854.478	1850-1910	PASS
	25°C	HV	1850.329	1854.471	1850-1910	PASS
			1850.323	1854.477	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	1710.318	1714.482	1710-1755	PASS
	Extreme(40°C)		1710.325	1714.475	1710-1755	PASS
	Extreme(30°C)		1710.326	1714.474	1710-1755	PASS
	Extreme(20°C)		1710.326	1714.474	1710-1755	PASS
	Extreme(10°C)		1710.321	1714.479	1710-1755	PASS
	Extreme(0°C)		1710.321	1714.479	1710-1755	PASS
	Extreme(-10°C)		1710.326	1714.474	1710-1755	PASS
	Extreme(-20°C)		1710.328	1714.472	1710-1755	PASS
	Extreme(-30°C)		1710.315	1714.485	1710-1755	PASS
	25°C	LV	1710.325	1714.475	1710-1755	PASS
		HV	1710.316	1714.484	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	1905.520	1909.680	1850-1910	PASS
	Extreme(40°C)		1905.518	1909.682	1850-1910	PASS
	Extreme(30°C)		1905.517	1909.683	1850-1910	PASS
	Extreme(20°C)		1905.519	1909.681	1850-1910	PASS
	Extreme(10°C)		1905.524	1909.676	1850-1910	PASS
	Extreme(0°C)		1905.524	1909.676	1850-1910	PASS
	Extreme(-10°C)		1905.520	1909.680	1850-1910	PASS
	Extreme(-20°C)		1905.528	1909.672	1850-1910	PASS
	Extreme(-30°C)		1905.520	1909.680	1850-1910	PASS
	25°C	LV	1905.526	1909.674	1850-1910	PASS
		HV	1905.523	1909.677	1850-1910	PASS
WCDMA B4	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
1752.6	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1750.526	1754.674	1710-1755	PASS
	Extreme(40°C)		1750.523	1754.677	1710-1755	PASS
	Extreme(30°C)		1750.522	1754.678	1710-1755	PASS
	Extreme(20°C)		1750.523	1754.677	1710-1755	PASS
	Extreme(10°C)		1750.530	1754.670	1710-1755	PASS
	Extreme(0°C)		1750.520	1754.680	1710-1755	PASS
	Extreme(-10°C)		1750.524	1754.676	1710-1755	PASS
	Extreme(-20°C)		1750.515	1754.685	1710-1755	PASS
	Extreme(-30°C)		1750.529	1754.671	1710-1755	PASS
	25°C	LV	1750.516	1754.684	1710-1755	PASS
		HV	1750.517	1754.683	1710-1755	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	Bandwidth	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1850.145	1851.255	1850-1910	PASS
	Extreme(40°C)		1850.149	1851.251	1850-1910	PASS
	Extreme(30°C)		1850.147	1851.253	1850-1910	PASS
	Extreme(20°C)		1850.147	1851.253	1850-1910	PASS
	Extreme(10°C)		1850.147	1851.253	1850-1910	PASS
	Extreme(0°C)		1850.147	1851.253	1850-1910	PASS
	Extreme(-10°C)		1850.150	1851.250	1850-1910	PASS
	Extreme(-20°C)		1850.147	1851.253	1850-1910	PASS
	Extreme(-30°C)		1850.147	1851.253	1850-1910	PASS
	25°C	LV	1850.146	1851.254	1850-1910	PASS
		HV	1850.146	1851.254	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	Bandwidth	3MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1850.149	1852.851	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)		1850.149	1852.851	1850-1910	PASS
	Extreme(-10°C)		1850.145	1852.855	1850-1910	PASS
	Extreme(-20°C)		1850.150	1852.850	1850-1910	PASS
	Extreme(-30°C)		1850.146	1852.854	1850-1910	PASS
	25°C	LV	1850.148	1852.852	1850-1910	PASS
		HV	1850.149	1852.851	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1850.292	1854.708	1850-1910	PASS
	Extreme(40°C)		1850.298	1854.702	1850-1910	PASS
	Extreme(30°C)		1850.223	1854.777	1850-1910	PASS
	Extreme(20°C)		1850.263	1854.737	1850-1910	PASS
	Extreme(10°C)		1850.256	1854.744	1850-1910	PASS
	Extreme(0°C)		1850.207	1854.793	1850-1910	PASS

	Extreme(-10°C)		1850.274	1854.726	1850-1910	PASS
	Extreme(-20°C)		1850.240	1854.760	1850-1910	PASS
	Extreme(-30°C)		1850.202	1854.798	1850-1910	PASS
	25°C	LV	1850.290	1854.710	1850-1910	PASS
		HV	1850.237	1854.763	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	Bandwidth	10MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	1850.624	1859.376	1850-1910	PASS
	Extreme(40°C)		1850.639	1859.361	1850-1910	PASS
	Extreme(30°C)		1850.559	1859.441	1850-1910	PASS
	Extreme(20°C)		1850.500	1859.500	1850-1910	PASS
	Extreme(10°C)		1850.630	1859.370	1850-1910	PASS
	Extreme(0°C)		1850.607	1859.393	1850-1910	PASS
	Extreme(-10°C)		1850.599	1859.401	1850-1910	PASS
	Extreme(-20°C)		1850.570	1859.430	1850-1910	PASS
	Extreme(-30°C)		1850.632	1859.368	1850-1910	PASS
	25°C	LV	1850.522	1859.478	1850-1910	PASS
		HV	1850.502	1859.498	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	Bandwidth	15MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	1850.747	1864.253	1850-1910	PASS
	Extreme(40°C)		1850.768	1864.232	1850-1910	PASS
	Extreme(30°C)		1850.707	1864.293	1850-1910	PASS
	Extreme(20°C)		1850.796	1864.204	1850-1910	PASS
	Extreme(10°C)		1850.782	1864.218	1850-1910	PASS
	Extreme(0°C)		1850.770	1864.230	1850-1910	PASS
	Extreme(-10°C)		1850.793	1864.207	1850-1910	PASS
	Extreme(-20°C)		1850.781	1864.219	1850-1910	PASS
	Extreme(-30°C)		1850.715	1864.285	1850-1910	PASS
	25°C	LV	1850.704	1864.296	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	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	1851.035	1868.965	1850-1910	PASS
	Extreme(40°C)		1851.002	1868.998	1850-1910	PASS

	Extreme(30°C)		1851.038	1868.962	1850-1910	PASS
	Extreme(20°C)		1851.024	1868.976	1850-1910	PASS
	Extreme(10°C)		1851.034	1868.966	1850-1910	PASS
	Extreme(0°C)		1851.005	1868.995	1850-1910	PASS
	Extreme(-10°C)		1851.042	1868.958	1850-1910	PASS
	Extreme(-20°C)		1851.001	1868.999	1850-1910	PASS
	Extreme(-30°C)		1851.042	1868.958	1850-1910	PASS
	25°C	LV	1851.030	1868.970	1850-1910	PASS
		HV	1851.019	1868.981	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	1908.748	1909.852	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)		1908.750	1909.850	1850-1910	PASS
	Extreme(10°C)		1908.748	1909.852	1850-1910	PASS
	Extreme(0°C)		1908.749	1909.851	1850-1910	PASS
	Extreme(-10°C)		1908.748	1909.852	1850-1910	PASS
	Extreme(-20°C)		1908.745	1909.855	1850-1910	PASS
	Extreme(-30°C)		1908.749	1909.851	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			
	Temperature	Voltage				
	Extreme(50°C)	NV	1907.150	1909.850	1850-1910	PASS
	Extreme(40°C)		1907.149	1909.851	1850-1910	PASS
	Extreme(30°C)		1907.150	1909.850	1850-1910	PASS
	Extreme(20°C)		1907.147	1909.853	1850-1910	PASS
	Extreme(10°C)		1907.148	1909.852	1850-1910	PASS
	Extreme(0°C)		1907.147	1909.853	1850-1910	PASS
	Extreme(-10°C)		1907.147	1909.853	1850-1910	PASS
	Extreme(-20°C)		1907.145	1909.855	1850-1910	PASS
	Extreme(-30°C)		1907.148	1909.852	1850-1910	PASS
	25°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				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1905.203	1909.797	1850-1910	PASS
	Extreme(40°C)		1905.262	1909.738	1850-1910	PASS
	Extreme(30°C)		1905.247	1909.753	1850-1910	PASS
	Extreme(20°C)		1905.282	1909.718	1850-1910	PASS
	Extreme(10°C)		1905.243	1909.757	1850-1910	PASS
	Extreme(0°C)		1905.292	1909.708	1850-1910	PASS
	Extreme(-10°C)		1905.288	1909.712	1850-1910	PASS
	Extreme(-20°C)		1905.256	1909.744	1850-1910	PASS
	Extreme(-30°C)		1905.244	1909.756	1850-1910	PASS
	25°C	LV	1905.225	1909.775	1850-1910	PASS
		HV	1905.216	1909.784	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1900.506	1909.494	1850-1910	PASS
	Extreme(40°C)		1900.626	1909.374	1850-1910	PASS
	Extreme(30°C)		1900.597	1909.403	1850-1910	PASS
	Extreme(20°C)		1900.616	1909.384	1850-1910	PASS
	Extreme(10°C)		1900.581	1909.419	1850-1910	PASS
	Extreme(0°C)		1900.638	1909.362	1850-1910	PASS
	Extreme(-10°C)		1900.630	1909.370	1850-1910	PASS
	Extreme(-20°C)		1900.611	1909.389	1850-1910	PASS
	Extreme(-30°C)		1900.646	1909.354	1850-1910	PASS
	25°C	LV	1900.588	1909.412	1850-1910	PASS
		HV	1900.596	1909.404	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	Bandwidth	15MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1895.765	1909.235	1850-1910	PASS
	Extreme(40°C)		1895.773	1909.227	1850-1910	PASS
	Extreme(30°C)		1895.731	1909.269	1850-1910	PASS
	Extreme(20°C)		1895.709	1909.291	1850-1910	PASS
	Extreme(10°C)		1895.757	1909.243	1850-1910	PASS
	Extreme(0°C)		1895.717	1909.283	1850-1910	PASS
	Extreme(-10°C)		1895.753	1909.247	1850-1910	PASS
	Extreme(-20°C)		1895.780	1909.220	1850-1910	PASS
	Extreme(-30°C)		1895.765	1909.235	1850-1910	PASS

	25℃	LV	1895.726	1909.274	1850-1910	PASS
		HV	1895.739	1909.261	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	1890.927	1909.073	1850-1910	PASS
	Extreme(40℃)		1890.912	1909.088	1850-1910	PASS
	Extreme(30℃)		1890.971	1909.029	1850-1910	PASS
	Extreme(20℃)		1890.909	1909.091	1850-1910	PASS
	Extreme(10℃)		1890.931	1909.069	1850-1910	PASS
	Extreme(0℃)		1890.911	1909.089	1850-1910	PASS
	Extreme(-10℃)		1890.983	1909.017	1850-1910	PASS
	Extreme(-20℃)		1890.922	1909.078	1850-1910	PASS
	Extreme(-30℃)		1890.940	1909.060	1850-1910	PASS
	25℃	LV	1890.939	1909.061	1850-1910	PASS
		HV	1890.929	1909.071	1850-1910	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	Bandwidth	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme(50℃)	NV	1710.147	1711.253	1710-1755	PASS
	Extreme(40℃)		1710.149	1711.251	1710-1755	PASS
	Extreme(30℃)		1710.149	1711.251	1710-1755	PASS
	Extreme(20℃)		1710.147	1711.253	1710-1755	PASS
	Extreme(10℃)		1710.145	1711.255	1710-1755	PASS
	Extreme(0℃)		1710.149	1711.251	1710-1755	PASS
	Extreme(-10℃)		1710.146	1711.254	1710-1755	PASS
	Extreme(-20℃)		1710.149	1711.251	1710-1755	PASS
	Extreme(-30℃)		1710.149	1711.251	1710-1755	PASS
	25℃	LV	1710.146	1711.254	1710-1755	PASS
		HV	1710.150	1711.250	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	Bandwidth	3MHz				
	Temperature	Voltage	QPSK			
	Extreme(50℃)	NV	1710.147	1712.853	1710-1755	PASS
	Extreme(40℃)		1710.149	1712.851	1710-1755	PASS
	Extreme(30℃)		1710.146	1712.854	1710-1755	PASS
	Extreme(20℃)		1710.150	1712.850	1710-1755	PASS
	Extreme(10℃)		1710.147	1712.853	1710-1755	PASS

	Extreme(0°C)		1710.146	1712.854	1710-1755	PASS
	Extreme(-10°C)		1710.145	1712.855	1710-1755	PASS
	Extreme(-20°C)		1710.149	1712.851	1710-1755	PASS
	Extreme(-30°C)		1710.146	1712.854	1710-1755	PASS
	25°C	LV	1710.146	1712.854	1710-1755	PASS
		HV	1710.145	1712.855	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	Bandwidth	5MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	1710.215	1714.785	1710-1755	PASS
	Extreme(40°C)		1710.235	1714.765	1710-1755	PASS
	Extreme(30°C)		1710.249	1714.751	1710-1755	PASS
	Extreme(20°C)		1710.208	1714.792	1710-1755	PASS
	Extreme(10°C)		1710.242	1714.758	1710-1755	PASS
	Extreme(0°C)		1710.263	1714.737	1710-1755	PASS
	Extreme(-10°C)		1710.227	1714.773	1710-1755	PASS
	Extreme(-20°C)		1710.265	1714.735	1710-1755	PASS
	Extreme(-30°C)		1710.227	1714.773	1710-1755	PASS
	25°C	LV	1710.203	1714.797	1710-1755	PASS
		HV	1710.290	1714.710	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	Bandwidth	10MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	1710.561	1719.439	1710-1755	PASS
	Extreme(40°C)		1710.539	1719.461	1710-1755	PASS
	Extreme(30°C)		1710.540	1719.460	1710-1755	PASS
	Extreme(20°C)		1710.523	1719.477	1710-1755	PASS
	Extreme(10°C)		1710.649	1719.351	1710-1755	PASS
	Extreme(0°C)		1710.580	1719.420	1710-1755	PASS
	Extreme(-10°C)		1710.630	1719.370	1710-1755	PASS
	Extreme(-20°C)		1710.602	1719.398	1710-1755	PASS
	Extreme(-30°C)		1710.581	1719.419	1710-1755	PASS
	25°C	LV	1710.588	1719.412	1710-1755	PASS
		HV	1710.561	1719.439	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	Bandwidth	15MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	1710.792	1724.208	1710-1755	PASS

	Extreme(40°C)		1710.770	1724.230	1710-1755	PASS
	Extreme(30°C)		1710.792	1724.208	1710-1755	PASS
	Extreme(20°C)		1710.738	1724.262	1710-1755	PASS
	Extreme(10°C)		1710.752	1724.248	1710-1755	PASS
	Extreme(0°C)		1710.753	1724.247	1710-1755	PASS
	Extreme(-10°C)		1710.796	1724.204	1710-1755	PASS
	Extreme(-20°C)		1710.715	1724.285	1710-1755	PASS
	Extreme(-30°C)		1710.722	1724.278	1710-1755	PASS
	25°C	LV	1710.799	1724.201	1710-1755	PASS
		HV	1710.743	1724.257	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	Bandwidth	20MHz	QPSK			
	Temperature	Voltage				
	Extreme(50°C)	NV	1711.018	1728.982	1710-1755	PASS
	Extreme(40°C)		1711.027	1728.973	1710-1755	PASS
	Extreme(30°C)		1711.048	1728.952	1710-1755	PASS
	Extreme(20°C)		1711.041	1728.959	1710-1755	PASS
	Extreme(10°C)		1711.039	1728.961	1710-1755	PASS
	Extreme(0°C)		1711.001	1728.999	1710-1755	PASS
	Extreme(-10°C)		1711.040	1728.960	1710-1755	PASS
	Extreme(-20°C)		1711.022	1728.978	1710-1755	PASS
	Extreme(-30°C)		1711.029	1728.971	1710-1755	PASS
	25°C	LV	1711.015	1728.985	1710-1755	PASS
		HV	1711.013	1728.987	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	Bandwidth	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme(50°C)	NV	1753.749	1754.851	1710-1755	PASS
	Extreme(40°C)		1753.749	1754.851	1710-1755	PASS
	Extreme(30°C)		1753.747	1754.853	1710-1755	PASS
	Extreme(20°C)		1753.749	1754.851	1710-1755	PASS
	Extreme(10°C)		1753.748	1754.852	1710-1755	PASS
	Extreme(0°C)		1753.749	1754.851	1710-1755	PASS
	Extreme(-10°C)		1753.749	1754.851	1710-1755	PASS
	Extreme(-20°C)		1753.750	1754.850	1710-1755	PASS
	Extreme(-30°C)		1753.748	1754.852	1710-1755	PASS
	25°C	LV	1753.748	1754.852	1710-1755	PASS
		HV	1753.749	1754.851	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1753.5	Bandwidth	3MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1752.149	1754.851	1710-1755	PASS
	Extreme(40°C)		1752.150	1754.850	1710-1755	PASS
	Extreme(30°C)		1752.147	1754.853	1710-1755	PASS
	Extreme(20°C)		1752.145	1754.855	1710-1755	PASS
	Extreme(10°C)		1752.149	1754.851	1710-1755	PASS
	Extreme(0°C)		1752.145	1754.855	1710-1755	PASS
	Extreme(-10°C)		1752.145	1754.855	1710-1755	PASS
	Extreme(-20°C)		1752.147	1754.853	1710-1755	PASS
	Extreme(-30°C)		1752.147	1754.853	1710-1755	PASS
	25°C	LV	1752.147	1754.853	1710-1755	PASS
		HV	1752.148	1754.852	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1750.293	1754.707	1710-1755	PASS
	Extreme(40°C)		1750.263	1754.737	1710-1755	PASS
	Extreme(30°C)		1750.220	1754.780	1710-1755	PASS
	Extreme(20°C)		1750.253	1754.747	1710-1755	PASS
	Extreme(10°C)		1750.229	1754.771	1710-1755	PASS
	Extreme(0°C)		1750.280	1754.720	1710-1755	PASS
	Extreme(-10°C)		1750.283	1754.717	1710-1755	PASS
	Extreme(-20°C)		1750.220	1754.780	1710-1755	PASS
	Extreme(-30°C)		1750.275	1754.725	1710-1755	PASS
	25°C	LV	1750.242	1754.758	1710-1755	PASS
		HV	1750.217	1754.783	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1745.559	1754.441	1710-1755	PASS
	Extreme(40°C)		1745.566	1754.434	1710-1755	PASS
	Extreme(30°C)		1745.622	1754.378	1710-1755	PASS
	Extreme(20°C)		1745.537	1754.463	1710-1755	PASS
	Extreme(10°C)		1745.640	1754.360	1710-1755	PASS
	Extreme(0°C)		1745.628	1754.372	1710-1755	PASS
	Extreme(-10°C)		1745.584	1754.416	1710-1755	PASS
	Extreme(-20°C)		1745.503	1754.497	1710-1755	PASS
	Extreme(-30°C)		1745.554	1754.446	1710-1755	PASS

	25℃	LV	1745.645	1754.355	1710-1755	PASS
		HV	1745.509	1754.491	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	1740.775	1754.225	1710-1755	PASS
	Extreme(40℃)		1740.719	1754.281	1710-1755	PASS
	Extreme(30℃)		1740.703	1754.297	1710-1755	PASS
	Extreme(20℃)		1740.743	1754.257	1710-1755	PASS
	Extreme(10℃)		1740.735	1754.265	1710-1755	PASS
	Extreme(0℃)		1740.740	1754.260	1710-1755	PASS
	Extreme(-10℃)		1740.712	1754.288	1710-1755	PASS
	Extreme(-20℃)		1740.700	1754.300	1710-1755	PASS
	Extreme(-30℃)		1740.729	1754.271	1710-1755	PASS
	25℃	LV	1740.778	1754.222	1710-1755	PASS
		HV	1740.798	1754.202	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	1735.906	1754.094	1710-1755	PASS
	Extreme(40℃)		1735.919	1754.081	1710-1755	PASS
	Extreme(30℃)		1735.965	1754.035	1710-1755	PASS
	Extreme(20℃)		1735.913	1754.087	1710-1755	PASS
	Extreme(10℃)		1735.920	1754.080	1710-1755	PASS
	Extreme(0℃)		1735.957	1754.043	1710-1755	PASS
	Extreme(-10℃)		1735.939	1754.061	1710-1755	PASS
	Extreme(-20℃)		1736.000	1754.000	1710-1755	PASS
	Extreme(-30℃)		1735.943	1754.057	1710-1755	PASS
	25℃	LV	1735.908	1754.092	1710-1755	PASS
		HV	1735.957	1754.043	1710-1755	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme(50℃)	NV	2500.278	2504.722	2500-2570	PASS
	Extreme(40℃)		2500.283	2504.717	2500-2570	PASS
	Extreme(30℃)		2500.274	2504.726	2500-2570	PASS
	Extreme(20℃)		2500.267	2504.733	2500-2570	PASS
	Extreme(10℃)		2500.272	2504.728	2500-2570	PASS

	Extreme(0°C)		2500.221	2504.779	2500-2570	PASS
	Extreme(-10°C)		2500.296	2504.704	2500-2570	PASS
	Extreme(-20°C)		2500.281	2504.719	2500-2570	PASS
	Extreme(-30°C)		2500.222	2504.778	2500-2570	PASS
	25°C	LV	2500.291	2504.709	2500-2570	PASS
		HV	2500.224	2504.776	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	Bandwidth	10MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme(50°C)	NV	2500.562	2509.438	2500-2570	PASS
	Extreme(40°C)		2500.517	2509.483	2500-2570	PASS
	Extreme(30°C)		2500.513	2509.487	2500-2570	PASS
	Extreme(20°C)		2500.531	2509.469	2500-2570	PASS
	Extreme(10°C)		2500.641	2509.359	2500-2570	PASS
	Extreme(0°C)		2500.613	2509.387	2500-2570	PASS
	Extreme(-10°C)		2500.577	2509.423	2500-2570	PASS
	Extreme(-20°C)		2500.592	2509.408	2500-2570	PASS
	Extreme(-30°C)		2500.610	2509.390	2500-2570	PASS
	25°C	LV	2500.511	2509.489	2500-2570	PASS
		HV	2500.578	2509.422	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	Bandwidth	15MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme(50°C)	NV	2500.759	2514.241	2500-2570	PASS
	Extreme(40°C)		2500.722	2514.278	2500-2570	PASS
	Extreme(30°C)		2500.733	2514.267	2500-2570	PASS
	Extreme(20°C)		2500.729	2514.271	2500-2570	PASS
	Extreme(10°C)		2500.755	2514.245	2500-2570	PASS
	Extreme(0°C)		2500.700	2514.300	2500-2570	PASS
	Extreme(-10°C)		2500.729	2514.271	2500-2570	PASS
	Extreme(-20°C)		2500.748	2514.252	2500-2570	PASS
	Extreme(-30°C)		2500.800	2514.200	2500-2570	PASS
	25°C	LV	2500.725	2514.275	2500-2570	PASS
		HV	2500.796	2514.204	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2510	Bandwidth	20MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme(50°C)	NV	2501.008	2518.992	2500-2570	PASS

	Extreme(40°C)		2501.044	2518.956	2500-2570	PASS
	Extreme(30°C)		2501.034	2518.966	2500-2570	PASS
	Extreme(20°C)		2501.009	2518.991	2500-2570	PASS
	Extreme(10°C)		2501.048	2518.952	2500-2570	PASS
	Extreme(0°C)		2501.012	2518.988	2500-2570	PASS
	Extreme(-10°C)		2501.045	2518.955	2500-2570	PASS
	Extreme(-20°C)		2501.005	2518.995	2500-2570	PASS
	Extreme(-30°C)		2501.032	2518.968	2500-2570	PASS
	25°C	LV	2501.041	2518.959	2500-2570	PASS
		HV	2501.043	2518.957	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	Bandwidth	5MHz	QPSK	QPSK	QPSK	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	2565.212	2569.788	2500-2570	PASS
	Extreme(40°C)		2565.213	2569.787	2500-2570	PASS
	Extreme(30°C)		2565.241	2569.759	2500-2570	PASS
	Extreme(20°C)		2565.258	2569.742	2500-2570	PASS
	Extreme(10°C)		2565.267	2569.733	2500-2570	PASS
	Extreme(0°C)		2565.239	2569.761	2500-2570	PASS
	Extreme(-10°C)		2565.290	2569.710	2500-2570	PASS
	Extreme(-20°C)		2565.240	2569.760	2500-2570	PASS
	Extreme(-30°C)		2565.235	2569.765	2500-2570	PASS
	25°C	LV	2565.294	2569.706	2500-2570	PASS
		HV	2565.207	2569.793	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	Bandwidth	10MHz	QPSK	QPSK	QPSK	Verdict
	Temperature	Voltage				
	Extreme(50°C)	NV	2560.626	2569.374	2500-2570	PASS
	Extreme(40°C)		2560.636	2569.364	2500-2570	PASS
	Extreme(30°C)		2560.617	2569.383	2500-2570	PASS
	Extreme(20°C)		2560.506	2569.494	2500-2570	PASS
	Extreme(10°C)		2560.592	2569.408	2500-2570	PASS
	Extreme(0°C)		2560.626	2569.374	2500-2570	PASS
	Extreme(-10°C)		2560.604	2569.396	2500-2570	PASS
	Extreme(-20°C)		2560.541	2569.459	2500-2570	PASS
	Extreme(-30°C)		2560.504	2569.496	2500-2570	PASS
	25°C	LV	2560.594	2569.406	2500-2570	PASS
		HV	2560.632	2569.368	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2562.5	Bandwidth	15MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	2555.741	2569.259	2500-2570	PASS
	Extreme(40°C)		2555.745	2569.255	2500-2570	PASS
	Extreme(30°C)		2555.720	2569.280	2500-2570	PASS
	Extreme(20°C)		2555.716	2569.284	2500-2570	PASS
	Extreme(10°C)		2555.753	2569.247	2500-2570	PASS
	Extreme(0°C)		2555.754	2569.246	2500-2570	PASS
	Extreme(-10°C)		2555.711	2569.289	2500-2570	PASS
	Extreme(-20°C)		2555.721	2569.279	2500-2570	PASS
	Extreme(-30°C)		2555.703	2569.297	2500-2570	PASS
	25°C	LV	2555.759	2569.241	2500-2570	PASS
		HV	2555.761	2569.239	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2560	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	2550.907	2569.093	2500-2570	PASS
	Extreme(40°C)		2550.909	2569.091	2500-2570	PASS
	Extreme(30°C)		2550.953	2569.047	2500-2570	PASS
	Extreme(20°C)		2550.949	2569.051	2500-2570	PASS
	Extreme(10°C)		2550.920	2569.080	2500-2570	PASS
	Extreme(0°C)		2550.913	2569.087	2500-2570	PASS
	Extreme(-10°C)		2550.919	2569.081	2500-2570	PASS
	Extreme(-20°C)		2550.941	2569.059	2500-2570	PASS
	Extreme(-30°C)		2550.904	2569.096	2500-2570	PASS
	25°C	LV	2550.969	2569.031	2500-2570	PASS
		HV	2550.906	2569.094	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°C)	NV	699.148	700.252	699-716	PASS
	Extreme(40°C)		699.148	700.252	699-716	PASS
	Extreme(30°C)		699.148	700.252	699-716	PASS
	Extreme(20°C)		699.149	700.251	699-716	PASS
	Extreme(10°C)		699.147	700.253	699-716	PASS
	Extreme(0°C)		699.148	700.252	699-716	PASS
	Extreme(-10°C)		699.147	700.253	699-716	PASS
	Extreme(-20°C)		699.146	700.254	699-716	PASS

	Extreme(-30°C)		699.146	700.254	699-716	PASS
	25°C	LV	699.145	700.255	699-716	PASS
		HV	699.147	700.253	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	Bandwidth	3MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme(50°C)	NV	699.145	701.855	699-716	PASS
	Extreme(40°C)		699.148	701.852	699-716	PASS
	Extreme(30°C)		699.146	701.854	699-716	PASS
	Extreme(20°C)		699.148	701.852	699-716	PASS
	Extreme(10°C)		699.146	701.854	699-716	PASS
	Extreme(0°C)		699.149	701.851	699-716	PASS
	Extreme(-10°C)		699.146	701.854	699-716	PASS
	Extreme(-20°C)		699.147	701.853	699-716	PASS
	Extreme(-30°C)		699.146	701.854	699-716	PASS
	25°C	LV	699.146	701.854	699-716	PASS
		HV	699.150	701.850	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	Bandwidth	5MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme(50°C)	NV	699.276	703.724	699-716	PASS
	Extreme(40°C)		699.272	703.728	699-716	PASS
	Extreme(30°C)		699.250	703.750	699-716	PASS
	Extreme(20°C)		699.205	703.795	699-716	PASS
	Extreme(10°C)		699.294	703.706	699-716	PASS
	Extreme(0°C)		699.300	703.700	699-716	PASS
	Extreme(-10°C)		699.214	703.786	699-716	PASS
	Extreme(-20°C)		699.282	703.718	699-716	PASS
	Extreme(-30°C)		699.207	703.793	699-716	PASS
	25°C	LV	699.292	703.708	699-716	PASS
		HV	699.275	703.725	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	Bandwidth	10MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme(50°C)	NV	699.577	708.423	699-716	PASS

	Extreme(40°C)		699.572	708.428	699-716	PASS
	Extreme(30°C)		699.562	708.438	699-716	PASS
	Extreme(20°C)		699.594	708.406	699-716	PASS
	Extreme(10°C)		699.582	708.418	699-716	PASS
	Extreme(0°C)		699.563	708.437	699-716	PASS
	Extreme(-10°C)		699.583	708.417	699-716	PASS
	Extreme(-20°C)		699.586	708.414	699-716	PASS
	Extreme(-30°C)		699.583	708.417	699-716	PASS
	25°C	LV	699.516	708.484	699-716	PASS
		HV	699.628	708.372	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	714.748	715.852	699-716	PASS
	Extreme(40°C)		714.746	715.854	699-716	PASS
	Extreme(30°C)		714.749	715.851	699-716	PASS
	Extreme(20°C)		714.747	715.853	699-716	PASS
	Extreme(10°C)		714.748	715.852	699-716	PASS
	Extreme(0°C)		714.748	715.852	699-716	PASS
	Extreme(-10°C)		714.750	715.850	699-716	PASS
	Extreme(-20°C)		714.747	715.853	699-716	PASS
	Extreme(-30°C)		714.749	715.851	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	713.149	715.851	699-716	PASS
	Extreme(40°C)		713.147	715.853	699-716	PASS
	Extreme(30°C)		713.145	715.855	699-716	PASS
	Extreme(20°C)		713.150	715.850	699-716	PASS
	Extreme(10°C)		713.146	715.854	699-716	PASS
	Extreme(0°C)		713.147	715.853	699-716	PASS
	Extreme(-10°C)		713.145	715.855	699-716	PASS
	Extreme(-20°C)		713.150	715.850	699-716	PASS
	Extreme(-30°C)		713.149	715.851	699-716	PASS
	25°C	LV	713.149	715.851	699-716	PASS
		HV	713.149	715.851	699-716	PASS

LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	Bandwidth	5MHz	QPSK	QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme(50°C)	NV	711.278	715.722	699-716	PASS
	Extreme(40°C)		711.263	715.737	699-716	PASS
	Extreme(30°C)		711.269	715.731	699-716	PASS
	Extreme(20°C)		711.249	715.751	699-716	PASS
	Extreme(10°C)		711.297	715.703	699-716	PASS
	Extreme(0°C)		711.269	715.731	699-716	PASS
	Extreme(-10°C)		711.270	715.730	699-716	PASS
	Extreme(-20°C)		711.290	715.710	699-716	PASS
	Extreme(-30°C)		711.232	715.768	699-716	PASS
	25°C	LV	711.247	715.753	699-716	PASS
		HV	711.262	715.738	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	Bandwidth	10MHz	QPSK	QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme(50°C)	NV	706.560	715.440	699-716	PASS
	Extreme(40°C)		706.632	715.368	699-716	PASS
	Extreme(30°C)		706.501	715.499	699-716	PASS
	Extreme(20°C)		706.565	715.435	699-716	PASS
	Extreme(10°C)		706.603	715.397	699-716	PASS
	Extreme(0°C)		706.640	715.360	699-716	PASS
	Extreme(-10°C)		706.602	715.398	699-716	PASS
	Extreme(-20°C)		706.626	715.374	699-716	PASS
	Extreme(-30°C)		706.649	715.351	699-716	PASS
	25°C	LV	706.516	715.484	699-716	PASS
		HV	706.614	715.386	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	777.273	781.727	777-787	PASS
	Extreme(40°C)		777.223	781.777	777-787	PASS
	Extreme(30°C)		777.299	781.701	777-787	PASS
	Extreme(20°C)		777.298	781.702	777-787	PASS

	Extreme(10°C)		777.288	781.712	777-787	PASS
	Extreme(0°C)		777.246	781.754	777-787	PASS
	Extreme(-10°C)		777.279	781.721	777-787	PASS
	Extreme(-20°C)		777.292	781.708	777-787	PASS
	Extreme(-30°C)		777.223	781.777	777-787	PASS
	25°C	LV	777.217	781.783	777-787	PASS
		HV	777.286	781.714	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	777.598	786.402	777-787	PASS
	Extreme(40°C)		777.593	786.407	777-787	PASS
	Extreme(30°C)		777.639	786.361	777-787	PASS
	Extreme(20°C)		777.548	786.452	777-787	PASS
	Extreme(10°C)		777.594	786.406	777-787	PASS
	Extreme(0°C)		777.612	786.388	777-787	PASS
	Extreme(-10°C)		777.604	786.396	777-787	PASS
	Extreme(-20°C)		777.537	786.463	777-787	PASS
	Extreme(-30°C)		777.588	786.412	777-787	PASS
	25°C	LV	777.520	786.480	777-787	PASS
		HV	777.563	786.437	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	782.249	786.751	777-787	PASS
	Extreme(40°C)		782.229	786.771	777-787	PASS
	Extreme(30°C)		782.245	786.755	777-787	PASS
	Extreme(20°C)		782.274	786.726	777-787	PASS
	Extreme(10°C)		782.255	786.745	777-787	PASS
	Extreme(0°C)		782.241	786.759	777-787	PASS
	Extreme(-10°C)		782.293	786.707	777-787	PASS
	Extreme(-20°C)		782.258	786.742	777-787	PASS
	Extreme(-30°C)		782.286	786.714	777-787	PASS
	25°C	LV	782.201	786.799	777-787	PASS
		HV	782.255	786.745	777-787	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

706.5	Bandwidth		5MHz				
	Temperature		Voltage	QPSK			
	Extreme(50°C)		NV	704.254	708.746	704-716	PASS
	Extreme(40°C)			704.273	708.727	704-716	PASS
	Extreme(30°C)			704.299	708.701	704-716	PASS
	Extreme(20°C)			704.213	708.787	704-716	PASS
	Extreme(10°C)			704.270	708.730	704-716	PASS
	Extreme(0°C)			704.263	708.737	704-716	PASS
	Extreme(-10°C)			704.258	708.742	704-716	PASS
	Extreme(-20°C)			704.293	708.707	704-716	PASS
	Extreme(-30°C)			704.245	708.755	704-716	PASS
	25°C		LV	704.228	708.772	704-716	PASS
			HV	704.270	708.730	704-716	PASS
	LTE B17 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)
709	Bandwidth		10MHz				
	Temperature		Voltage	QPSK			
	Extreme(50°C)		NV	704.519	713.481	704-716	PASS
	Extreme(40°C)			704.512	713.488	704-716	PASS
	Extreme(30°C)			704.515	713.485	704-716	PASS
	Extreme(20°C)			704.596	713.404	704-716	PASS
	Extreme(10°C)			704.537	713.463	704-716	PASS
	Extreme(0°C)			704.601	713.399	704-716	PASS
	Extreme(-10°C)			704.630	713.370	704-716	PASS
	Extreme(-20°C)			704.550	713.450	704-716	PASS
	Extreme(-30°C)			704.531	713.469	704-716	PASS
	25°C		LV	704.518	713.482	704-716	PASS
			HV	704.576	713.424	704-716	PASS
	LTE B17 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)
713.5	Bandwidth		5MHz				
	Temperature		Voltage	QPSK			
	Extreme(50°C)		NV	711.242	715.758	704-716	PASS
	Extreme(40°C)			711.248	715.752	704-716	PASS
	Extreme(30°C)			711.279	715.721	704-716	PASS
	Extreme(20°C)			711.237	715.763	704-716	PASS
	Extreme(10°C)			711.274	715.726	704-716	PASS
	Extreme(0°C)			711.261	715.739	704-716	PASS
	Extreme(-10°C)			711.275	715.725	704-716	PASS

	Extreme(-20°C)		711.261	715.739	704-716	PASS
	Extreme(-30°C)		711.269	715.731	704-716	PASS
	25°C	LV	711.223	715.777	704-716	PASS
		HV	711.218	715.782	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	706.562	715.438	704-716	PASS
	Extreme(40°C)		706.624	715.376	704-716	PASS
	Extreme(30°C)		706.528	715.472	704-716	PASS
	Extreme(20°C)		706.550	715.450	704-716	PASS
	Extreme(10°C)		706.535	715.465	704-716	PASS
	Extreme(0°C)		706.614	715.386	704-716	PASS
	Extreme(-10°C)		706.541	715.459	704-716	PASS
	Extreme(-20°C)		706.525	715.475	704-716	PASS
	Extreme(-30°C)		706.586	715.414	704-716	PASS
	25°C	LV	706.622	715.378	704-716	PASS
		HV	706.584	715.416	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	1850.148	1851.252	1850-1915	PASS
	Extreme(40°C)		1850.149	1851.251	1850-1915	PASS
	Extreme(30°C)		1850.148	1851.252	1850-1915	PASS
	Extreme(20°C)		1850.147	1851.253	1850-1915	PASS
	Extreme(10°C)		1850.147	1851.253	1850-1915	PASS
	Extreme(0°C)		1850.150	1851.250	1850-1915	PASS
	Extreme(-10°C)		1850.148	1851.252	1850-1915	PASS
	Extreme(-20°C)		1850.148	1851.252	1850-1915	PASS
	Extreme(-30°C)		1850.149	1851.251	1850-1915	PASS
	25°C	LV	1850.149	1851.251	1850-1915	PASS
		HV	1850.146	1851.254	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	1850.147	1852.853	1850-1915	PASS
	Extreme(40°C)		1850.150	1852.850	1850-1915	PASS
	Extreme(30°C)		1850.149	1852.851	1850-1915	PASS
	Extreme(20°C)		1850.146	1852.854	1850-1915	PASS
	Extreme(10°C)		1850.147	1852.853	1850-1915	PASS
	Extreme(0°C)		1850.149	1852.851	1850-1915	PASS
	Extreme(-10°C)		1850.147	1852.853	1850-1915	PASS
	Extreme(-20°C)		1850.146	1852.854	1850-1915	PASS
	Extreme(-30°C)		1850.149	1852.851	1850-1915	PASS
	25°C	LV	1850.148	1852.852	1850-1915	PASS
		HV	1850.149	1852.851	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	1850.216	1854.784	1850-1915	PASS
	Extreme(40°C)		1850.266	1854.734	1850-1915	PASS
	Extreme(30°C)		1850.261	1854.739	1850-1915	PASS
	Extreme(20°C)		1850.284	1854.716	1850-1915	PASS
	Extreme(10°C)		1850.236	1854.764	1850-1915	PASS
	Extreme(0°C)		1850.239	1854.761	1850-1915	PASS
	Extreme(-10°C)		1850.247	1854.753	1850-1915	PASS
	Extreme(-20°C)		1850.223	1854.777	1850-1915	PASS
	Extreme(-30°C)		1850.222	1854.778	1850-1915	PASS
	25°C	LV	1850.264	1854.736	1850-1915	PASS
		HV	1850.256	1854.744	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	1850.570	1859.430	1850-1915	PASS
	Extreme(40°C)		1850.511	1859.489	1850-1915	PASS
	Extreme(30°C)		1850.512	1859.488	1850-1915	PASS
	Extreme(20°C)		1850.559	1859.441	1850-1915	PASS
	Extreme(10°C)		1850.550	1859.450	1850-1915	PASS
	Extreme(0°C)		1850.637	1859.363	1850-1915	PASS
	Extreme(-10°C)		1850.538	1859.462	1850-1915	PASS
	Extreme(-20°C)		1850.542	1859.458	1850-1915	PASS
	Extreme(-30°C)		1850.603	1859.397	1850-1915	PASS
	25°C	LV	1850.572	1859.428	1850-1915	PASS

		HV	1850.567	1859.433	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	Bandwidth	15MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme(50°C)	NV	1850.769	1864.231	1850-1915	PASS
	Extreme(40°C)		1850.787	1864.213	1850-1915	PASS
	Extreme(30°C)		1850.704	1864.296	1850-1915	PASS
	Extreme(20°C)		1850.720	1864.280	1850-1915	PASS
	Extreme(10°C)		1850.706	1864.294	1850-1915	PASS
	Extreme(0°C)		1850.773	1864.227	1850-1915	PASS
	Extreme(-10°C)		1850.712	1864.288	1850-1915	PASS
	Extreme(-20°C)		1850.741	1864.259	1850-1915	PASS
	Extreme(-30°C)		1850.799	1864.201	1850-1915	PASS
	25°C	LV	1850.729	1864.271	1850-1915	PASS
		HV	1850.768	1864.232	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	Bandwidth	20MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme(50°C)	NV	1851.029	1868.971	1850-1915	PASS
	Extreme(40°C)		1851.049	1868.951	1850-1915	PASS
	Extreme(30°C)		1851.010	1868.990	1850-1915	PASS
	Extreme(20°C)		1851.021	1868.979	1850-1915	PASS
	Extreme(10°C)		1851.039	1868.961	1850-1915	PASS
	Extreme(0°C)		1851.040	1868.960	1850-1915	PASS
	Extreme(-10°C)		1851.037	1868.963	1850-1915	PASS
	Extreme(-20°C)		1851.010	1868.990	1850-1915	PASS
	Extreme(-30°C)		1851.017	1868.983	1850-1915	PASS
	25°C	LV	1851.031	1868.969	1850-1915	PASS
		HV	1851.018	1868.982	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	1913.749	1914.851	1850-1915	PASS
	Extreme(40°C)		1913.745	1914.855	1850-1915	PASS
	Extreme(30°C)		1913.745	1914.855	1850-1915	PASS

	Extreme(20°C)		1913.746	1914.854	1850-1915	PASS
	Extreme(10°C)		1913.746	1914.854	1850-1915	PASS
	Extreme(0°C)		1913.750	1914.850	1850-1915	PASS
	Extreme(-10°C)		1913.750	1914.850	1850-1915	PASS
	Extreme(-20°C)		1913.750	1914.850	1850-1915	PASS
	Extreme(-30°C)		1913.750	1914.850	1850-1915	PASS
	25°C	LV	1913.749	1914.851	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	1912.145	1914.855	1850-1915	PASS
	Extreme(40°C)		1912.150	1914.850	1850-1915	PASS
	Extreme(30°C)		1912.147	1914.853	1850-1915	PASS
	Extreme(20°C)		1912.150	1914.850	1850-1915	PASS
	Extreme(10°C)		1912.149	1914.851	1850-1915	PASS
	Extreme(0°C)		1912.146	1914.854	1850-1915	PASS
	Extreme(-10°C)		1912.145	1914.855	1850-1915	PASS
	Extreme(-20°C)		1912.148	1914.852	1850-1915	PASS
	Extreme(-30°C)		1912.147	1914.853	1850-1915	PASS
	25°C	LV	1912.149	1914.851	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			
	Temperature	Voltage				
	Extreme(50°C)	NV	1910.201	1914.799	1850-1915	PASS
	Extreme(40°C)		1910.243	1914.757	1850-1915	PASS
	Extreme(30°C)		1910.242	1914.758	1850-1915	PASS
	Extreme(20°C)		1910.263	1914.737	1850-1915	PASS
	Extreme(10°C)		1910.208	1914.792	1850-1915	PASS
	Extreme(0°C)		1910.288	1914.712	1850-1915	PASS
	Extreme(-10°C)		1910.290	1914.710	1850-1915	PASS
	Extreme(-20°C)		1910.237	1914.763	1850-1915	PASS
	Extreme(-30°C)		1910.234	1914.766	1850-1915	PASS
	25°C	LV	1910.288	1914.712	1850-1915	PASS
		HV	1910.209	1914.791	1850-1915	PASS
LTE B25	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
1910	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	1905.555	1914.445	1850-1915	PASS
	Extreme(40°C)		1905.518	1914.482	1850-1915	PASS
	Extreme(30°C)		1905.638	1914.362	1850-1915	PASS
	Extreme(20°C)		1905.649	1914.351	1850-1915	PASS
	Extreme(10°C)		1905.649	1914.351	1850-1915	PASS
	Extreme(0°C)		1905.554	1914.446	1850-1915	PASS
	Extreme(-10°C)		1905.577	1914.423	1850-1915	PASS
	Extreme(-20°C)		1905.500	1914.500	1850-1915	PASS
	Extreme(-30°C)		1905.519	1914.481	1850-1915	PASS
	25°C	LV	1905.595	1914.405	1850-1915	PASS
		HV	1905.620	1914.380	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°C)	NV	1900.755	1914.245	1850-1915	PASS
	Extreme(40°C)		1900.793	1914.207	1850-1915	PASS
	Extreme(30°C)		1900.800	1914.200	1850-1915	PASS
	Extreme(20°C)		1900.781	1914.219	1850-1915	PASS
	Extreme(10°C)		1900.776	1914.224	1850-1915	PASS
	Extreme(0°C)		1900.779	1914.221	1850-1915	PASS
	Extreme(-10°C)		1900.708	1914.292	1850-1915	PASS
	Extreme(-20°C)		1900.718	1914.282	1850-1915	PASS
	Extreme(-30°C)		1900.744	1914.256	1850-1915	PASS
	25°C	LV	1900.779	1914.221	1850-1915	PASS
		HV	1900.794	1914.206	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°C)	NV	1895.937	1914.063	1850-1915	PASS
	Extreme(40°C)		1895.961	1914.039	1850-1915	PASS
	Extreme(30°C)		1895.995	1914.005	1850-1915	PASS
	Extreme(20°C)		1895.904	1914.096	1850-1915	PASS
	Extreme(10°C)		1895.961	1914.039	1850-1915	PASS
	Extreme(0°C)		1895.915	1914.085	1850-1915	PASS

	Extreme(-10°C)		1895.992	1914.008	1850-1915	PASS
	Extreme(-20°C)		1895.954	1914.046	1850-1915	PASS
	Extreme(-30°C)		1895.991	1914.009	1850-1915	PASS
	25°C	LV	1895.953	1914.047	1850-1915	PASS
		HV	1895.946	1914.054	1850-1915	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	2570.519	2579.481	2570-2620	PASS
	Extreme(40°C)		2570.566	2579.434	2570-2620	PASS
	Extreme(30°C)		2570.531	2579.469	2570-2620	PASS
	Extreme(20°C)		2570.569	2579.431	2570-2620	PASS
	Extreme(10°C)		2570.565	2579.435	2570-2620	PASS
	Extreme(0°C)		2570.589	2579.411	2570-2620	PASS
	Extreme(-10°C)		2570.536	2579.464	2570-2620	PASS
	Extreme(-20°C)		2570.621	2579.379	2570-2620	PASS
	Extreme(-30°C)		2570.584	2579.416	2570-2620	PASS
	25°C	LV	2570.503	2579.497	2570-2620	PASS
		HV	2570.510	2579.490	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	2570.758	2584.242	2570-2620	PASS
	Extreme(40°C)		2570.756	2584.244	2570-2620	PASS
	Extreme(30°C)		2570.768	2584.232	2570-2620	PASS
	Extreme(20°C)		2570.729	2584.271	2570-2620	PASS
	Extreme(10°C)		2570.712	2584.288	2570-2620	PASS
	Extreme(0°C)		2570.753	2584.247	2570-2620	PASS
	Extreme(-10°C)		2570.774	2584.226	2570-2620	PASS
	Extreme(-20°C)		2570.714	2584.286	2570-2620	PASS
	Extreme(-30°C)		2570.723	2584.277	2570-2620	PASS
	25°C	LV	2570.757	2584.243	2570-2620	PASS
		HV	2570.708	2584.292	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	Bandwidth	20MHz				

	Temperature	Voltage	QPSK			
	Extreme(50℃)	NV	2571.026	2588.974	2570-2620	PASS
	Extreme(40℃)		2571.035	2588.965	2570-2620	PASS
	Extreme(30℃)		2571.009	2588.991	2570-2620	PASS
	Extreme(20℃)		2571.002	2588.998	2570-2620	PASS
	Extreme(10℃)		2571.018	2588.982	2570-2620	PASS
	Extreme(0℃)		2571.018	2588.982	2570-2620	PASS
	Extreme(-10℃)		2571.003	2588.997	2570-2620	PASS
	Extreme(-20℃)		2571.030	2588.970	2570-2620	PASS
	Extreme(-30℃)		2571.005	2588.995	2570-2620	PASS
	25℃	LV	2571.039	2588.961	2570-2620	PASS
		HV	2571.044	2588.956	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme(50℃)	NV	2615.243	2619.757	2570-2620	PASS
	Extreme(40℃)		2615.233	2619.767	2570-2620	PASS
	Extreme(30℃)		2615.217	2619.783	2570-2620	PASS
	Extreme(20℃)		2615.241	2619.759	2570-2620	PASS
	Extreme(10℃)		2615.233	2619.767	2570-2620	PASS
	Extreme(0℃)		2615.261	2619.739	2570-2620	PASS
	Extreme(-10℃)		2615.287	2619.713	2570-2620	PASS
	Extreme(-20℃)		2615.279	2619.721	2570-2620	PASS
	Extreme(-30℃)		2615.262	2619.738	2570-2620	PASS
	25℃	LV	2615.288	2619.712	2570-2620	PASS
HV		2615.286	2619.714	2570-2620	PASS	
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme(50℃)	NV	2610.532	2619.468	2570-2620	PASS
	Extreme(40℃)		2610.584	2619.416	2570-2620	PASS
	Extreme(30℃)		2610.532	2619.468	2570-2620	PASS
	Extreme(20℃)		2610.541	2619.459	2570-2620	PASS
	Extreme(10℃)		2610.601	2619.399	2570-2620	PASS
	Extreme(0℃)		2610.645	2619.355	2570-2620	PASS
	Extreme(-10℃)		2610.538	2619.462	2570-2620	PASS
	Extreme(-20℃)		2610.592	2619.408	2570-2620	PASS
	Extreme(-30℃)		2610.541	2619.459	2570-2620	PASS

	25°C	LV	2610.593	2619.407	2570-2620	PASS
		HV	2610.508	2619.492	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2612.5	Bandwidth	15MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme(50°C)	NV	2605.790	2619.210	2570-2620	PASS
	Extreme(40°C)		2605.783	2619.217	2570-2620	PASS
	Extreme(30°C)		2605.715	2619.285	2570-2620	PASS
	Extreme(20°C)		2605.749	2619.251	2570-2620	PASS
	Extreme(10°C)		2605.762	2619.238	2570-2620	PASS
	Extreme(0°C)		2605.751	2619.249	2570-2620	PASS
	Extreme(-10°C)		2605.714	2619.286	2570-2620	PASS
	Extreme(-20°C)		2605.725	2619.275	2570-2620	PASS
	Extreme(-30°C)		2605.754	2619.246	2570-2620	PASS
	25°C	LV	2605.727	2619.273	2570-2620	PASS
		HV	2605.759	2619.241	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	Bandwidth	20MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme(50°C)	NV	2600.982	2619.018	2570-2620	PASS
	Extreme(40°C)		2600.994	2619.006	2570-2620	PASS
	Extreme(30°C)		2600.954	2619.046	2570-2620	PASS
	Extreme(20°C)		2600.974	2619.026	2570-2620	PASS
	Extreme(10°C)		2600.928	2619.072	2570-2620	PASS
	Extreme(0°C)		2600.907	2619.093	2570-2620	PASS
	Extreme(-10°C)		2600.923	2619.077	2570-2620	PASS
	Extreme(-20°C)		2600.941	2619.059	2570-2620	PASS
	Extreme(-30°C)		2600.933	2619.067	2570-2620	PASS
	25°C	LV	2600.953	2619.047	2570-2620	PASS
		HV	2600.993	2619.007	2570-2620	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2498.5	Bandwidth	5MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme(50°C)	NV	2496.294	2500.706	2496-2690	PASS
	Extreme(40°C)		2496.206	2500.794	2496-2690	PASS

	Extreme(30°C)		2496.289	2500.711	2496-2690	PASS
	Extreme(20°C)		2496.220	2500.780	2496-2690	PASS
	Extreme(10°C)		2496.235	2500.765	2496-2690	PASS
	Extreme(0°C)		2496.287	2500.713	2496-2690	PASS
	Extreme(-10°C)		2496.251	2500.749	2496-2690	PASS
	Extreme(-20°C)		2496.217	2500.783	2496-2690	PASS
	Extreme(-30°C)		2496.294	2500.706	2496-2690	PASS
	25°C	LV	2496.203	2500.797	2496-2690	PASS
		HV	2496.244	2500.756	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	2496.559	2505.441	2496-2690	PASS
	Extreme(40°C)		2496.582	2505.418	2496-2690	PASS
	Extreme(30°C)		2496.566	2505.434	2496-2690	PASS
	Extreme(20°C)		2496.549	2505.451	2496-2690	PASS
	Extreme(10°C)		2496.628	2505.372	2496-2690	PASS
	Extreme(0°C)		2496.632	2505.368	2496-2690	PASS
	Extreme(-10°C)		2496.511	2505.489	2496-2690	PASS
	Extreme(-20°C)		2496.535	2505.465	2496-2690	PASS
	Extreme(-30°C)		2496.555	2505.445	2496-2690	PASS
	25°C	LV	2496.639	2505.361	2496-2690	PASS
		HV	2496.549	2505.451	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	2496.790	2510.210	2496-2690	PASS
	Extreme(40°C)		2496.772	2510.228	2496-2690	PASS
	Extreme(30°C)		2496.736	2510.264	2496-2690	PASS
	Extreme(20°C)		2496.789	2510.211	2496-2690	PASS
	Extreme(10°C)		2496.733	2510.267	2496-2690	PASS
	Extreme(0°C)		2496.715	2510.285	2496-2690	PASS
	Extreme(-10°C)		2496.704	2510.296	2496-2690	PASS
	Extreme(-20°C)		2496.786	2510.214	2496-2690	PASS
	Extreme(-30°C)		2496.741	2510.259	2496-2690	PASS
	25°C	LV	2496.744	2510.256	2496-2690	PASS
		HV	2496.744	2510.256	2496-2690	PASS
LTE	Condition		F Low	F High	Limit	Verdict

B41 Fc(MHz)			(MHz)	(MHz)	(MHz)	
2506	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	2497.000	2515.000	2496-2690	PASS
	Extreme(40°C)		2497.000	2515.000	2496-2690	PASS
	Extreme(30°C)		2497.030	2514.970	2496-2690	PASS
	Extreme(20°C)		2497.048	2514.952	2496-2690	PASS
	Extreme(10°C)		2497.001	2514.999	2496-2690	PASS
	Extreme(0°C)		2497.038	2514.962	2496-2690	PASS
	Extreme(-10°C)		2497.044	2514.956	2496-2690	PASS
	Extreme(-20°C)		2497.012	2514.988	2496-2690	PASS
	Extreme(-30°C)		2497.040	2514.960	2496-2690	PASS
	25°C	LV	2497.030	2514.970	2496-2690	PASS
		HV	2497.001	2514.999	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2687.5	Bandwidth	5MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	2685.263	2689.737	2496-2690	PASS
	Extreme(40°C)		2685.242	2689.758	2496-2690	PASS
	Extreme(30°C)		2685.258	2689.742	2496-2690	PASS
	Extreme(20°C)		2685.200	2689.800	2496-2690	PASS
	Extreme(10°C)		2685.226	2689.774	2496-2690	PASS
	Extreme(0°C)		2685.260	2689.740	2496-2690	PASS
	Extreme(-10°C)		2685.215	2689.785	2496-2690	PASS
	Extreme(-20°C)		2685.216	2689.784	2496-2690	PASS
	Extreme(-30°C)		2685.235	2689.765	2496-2690	PASS
	25°C	LV	2685.263	2689.737	2496-2690	PASS
		HV	2685.275	2689.725	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2685	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	2680.639	2689.361	2496-2690	PASS
	Extreme(40°C)		2680.584	2689.416	2496-2690	PASS
	Extreme(30°C)		2680.586	2689.414	2496-2690	PASS
	Extreme(20°C)		2680.536	2689.464	2496-2690	PASS
	Extreme(10°C)		2680.544	2689.456	2496-2690	PASS

	Extreme(0℃)		2680.500	2689.500	2496-2690	PASS
	Extreme(-10℃)		2680.577	2689.423	2496-2690	PASS
	Extreme(-20℃)		2680.563	2689.437	2496-2690	PASS
	Extreme(-30℃)		2680.644	2689.356	2496-2690	PASS
	25℃	LV	2680.524	2689.476	2496-2690	PASS
		HV	2680.573	2689.427	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2682.5	Bandwidth	15MHz				
	Temperature	Voltage				
	Extreme(50℃)	NV	2675.706	2689.294	2496-2690	PASS
	Extreme(40℃)		2675.797	2689.203	2496-2690	PASS
	Extreme(30℃)		2675.777	2689.223	2496-2690	PASS
	Extreme(20℃)		2675.717	2689.283	2496-2690	PASS
	Extreme(10℃)		2675.714	2689.286	2496-2690	PASS
	Extreme(0℃)		2675.720	2689.280	2496-2690	PASS
	Extreme(-10℃)		2675.748	2689.252	2496-2690	PASS
	Extreme(-20℃)		2675.779	2689.221	2496-2690	PASS
	Extreme(-30℃)		2675.765	2689.235	2496-2690	PASS
	25℃	LV	2675.705	2689.295	2496-2690	PASS
		HV	2675.738	2689.262	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	Bandwidth	20MHz				
	Temperature	Voltage				
	Extreme(50℃)	NV	2670.903	2689.097	2496-2690	PASS
	Extreme(40℃)		2670.928	2689.072	2496-2690	PASS
	Extreme(30℃)		2670.947	2689.053	2496-2690	PASS
	Extreme(20℃)		2670.942	2689.058	2496-2690	PASS
	Extreme(10℃)		2670.994	2689.006	2496-2690	PASS
	Extreme(0℃)		2670.938	2689.062	2496-2690	PASS
	Extreme(-10℃)		2670.938	2689.062	2496-2690	PASS
	Extreme(-20℃)		2670.932	2689.068	2496-2690	PASS
	Extreme(-30℃)		2670.942	2689.058	2496-2690	PASS
	25℃	LV	2670.916	2689.084	2496-2690	PASS
		HV	2670.942	2689.058	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°C)		NV	1710.146	1711.254	1710-1780	PASS
	Extreme(40°C)			1710.145	1711.255	1710-1780	PASS
	Extreme(30°C)			1710.148	1711.252	1710-1780	PASS
	Extreme(20°C)			1710.149	1711.251	1710-1780	PASS
	Extreme(10°C)			1710.147	1711.253	1710-1780	PASS
	Extreme(0°C)			1710.145	1711.255	1710-1780	PASS
	Extreme(-10°C)			1710.148	1711.252	1710-1780	PASS
	Extreme(-20°C)			1710.149	1711.251	1710-1780	PASS
	Extreme(-30°C)			1710.147	1711.253	1710-1780	PASS
	25°C		LV	1710.147	1711.253	1710-1780	PASS
			HV	1710.146	1711.254	1710-1780	PASS
	LTE B66 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)
1711.5	Bandwidth		3MHz				
	Temperature		Voltage	QPSK			
	Extreme(50°C)		NV	1710.150	1712.850	1710-1780	PASS
	Extreme(40°C)			1710.148	1712.852	1710-1780	PASS
	Extreme(30°C)			1710.146	1712.854	1710-1780	PASS
	Extreme(20°C)			1710.147	1712.853	1710-1780	PASS
	Extreme(10°C)			1710.146	1712.854	1710-1780	PASS
	Extreme(0°C)			1710.145	1712.855	1710-1780	PASS
	Extreme(-10°C)			1710.148	1712.852	1710-1780	PASS
	Extreme(-20°C)			1710.145	1712.855	1710-1780	PASS
	Extreme(-30°C)			1710.148	1712.852	1710-1780	PASS
	25°C		LV	1710.150	1712.850	1710-1780	PASS
			HV	1710.148	1712.852	1710-1780	PASS
	LTE B66 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)
1712.5	Bandwidth		5MHz				
	Temperature		Voltage	QPSK			
	Extreme(50°C)		NV	1710.251	1714.749	1710-1780	PASS
	Extreme(40°C)			1710.219	1714.781	1710-1780	PASS
	Extreme(30°C)			1710.248	1714.752	1710-1780	PASS
	Extreme(20°C)			1710.257	1714.743	1710-1780	PASS
	Extreme(10°C)			1710.268	1714.732	1710-1780	PASS
	Extreme(0°C)			1710.229	1714.771	1710-1780	PASS
	Extreme(-10°C)			1710.213	1714.787	1710-1780	PASS

	Extreme(-20°C)		1710.230	1714.770	1710-1780	PASS
	Extreme(-30°C)		1710.260	1714.740	1710-1780	PASS
	25°C	LV	1710.237	1714.763	1710-1780	PASS
		HV	1710.257	1714.743	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°C)	NV	1710.604	1719.396	1710-1780	PASS
	Extreme(40°C)		1710.618	1719.382	1710-1780	PASS
	Extreme(30°C)		1710.501	1719.499	1710-1780	PASS
	Extreme(20°C)		1710.544	1719.456	1710-1780	PASS
	Extreme(10°C)		1710.568	1719.432	1710-1780	PASS
	Extreme(0°C)		1710.569	1719.431	1710-1780	PASS
	Extreme(-10°C)		1710.542	1719.458	1710-1780	PASS
	Extreme(-20°C)		1710.609	1719.391	1710-1780	PASS
	Extreme(-30°C)		1710.644	1719.356	1710-1780	PASS
	25°C	LV	1710.592	1719.408	1710-1780	PASS
		HV	1710.603	1719.397	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°C)	NV	1710.708	1724.292	1710-1780	PASS
	Extreme(40°C)		1710.757	1724.243	1710-1780	PASS
	Extreme(30°C)		1710.796	1724.204	1710-1780	PASS
	Extreme(20°C)		1710.763	1724.237	1710-1780	PASS
	Extreme(10°C)		1710.739	1724.261	1710-1780	PASS
	Extreme(0°C)		1710.731	1724.269	1710-1780	PASS
	Extreme(-10°C)		1710.792	1724.208	1710-1780	PASS
	Extreme(-20°C)		1710.709	1724.291	1710-1780	PASS
	Extreme(-30°C)		1710.785	1724.215	1710-1780	PASS
	25°C	LV	1710.748	1724.252	1710-1780	PASS
		HV	1710.780	1724.220	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°C)	NV	1711.042	1728.958	1710-1780	PASS
	Extreme(40°C)		1711.037	1728.963	1710-1780	PASS
	Extreme(30°C)		1711.007	1728.993	1710-1780	PASS
	Extreme(20°C)		1711.020	1728.980	1710-1780	PASS
	Extreme(10°C)		1711.038	1728.962	1710-1780	PASS
	Extreme(0°C)		1711.026	1728.974	1710-1780	PASS
	Extreme(-10°C)		1711.002	1728.998	1710-1780	PASS
	Extreme(-20°C)		1711.021	1728.979	1710-1780	PASS
	Extreme(-30°C)		1711.021	1728.979	1710-1780	PASS
	25°C	LV	1711.048	1728.952	1710-1780	PASS
		HV	1711.022	1728.978	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1779.3	Bandwidth	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme(50°C)	NV	1778.747	1779.853	1710-1780	PASS
	Extreme(40°C)		1778.749	1779.851	1710-1780	PASS
	Extreme(30°C)		1778.746	1779.854	1710-1780	PASS
	Extreme(20°C)		1778.749	1779.851	1710-1780	PASS
	Extreme(10°C)		1778.746	1779.854	1710-1780	PASS
	Extreme(0°C)		1778.748	1779.852	1710-1780	PASS
	Extreme(-10°C)		1778.747	1779.853	1710-1780	PASS
	Extreme(-20°C)		1778.746	1779.854	1710-1780	PASS
	Extreme(-30°C)		1778.745	1779.855	1710-1780	PASS
	25°C	LV	1778.747	1779.853	1710-1780	PASS
		HV	1778.746	1779.854	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1778.5	Bandwidth	3MHz	QPSK			
	Temperature	Voltage				
	Extreme(50°C)	NV	1777.149	1779.851	1710-1780	PASS
	Extreme(40°C)		1777.148	1779.852	1710-1780	PASS
	Extreme(30°C)		1777.150	1779.850	1710-1780	PASS
	Extreme(20°C)		1777.146	1779.854	1710-1780	PASS
	Extreme(10°C)		1777.149	1779.851	1710-1780	PASS
	Extreme(0°C)		1777.150	1779.850	1710-1780	PASS
	Extreme(-10°C)		1777.146	1779.854	1710-1780	PASS
	Extreme(-20°C)		1777.148	1779.852	1710-1780	PASS
	Extreme(-30°C)		1777.145	1779.855	1710-1780	PASS
	25°C	LV	1777.148	1779.852	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			
	Temperature	Voltage				
	Extreme(50°C)	NV	1775.256	1779.744	1710-1780	PASS
	Extreme(40°C)		1775.287	1779.713	1710-1780	PASS
	Extreme(30°C)		1775.270	1779.730	1710-1780	PASS
	Extreme(20°C)		1775.256	1779.744	1710-1780	PASS
	Extreme(10°C)		1775.242	1779.758	1710-1780	PASS
	Extreme(0°C)		1775.240	1779.760	1710-1780	PASS
	Extreme(-10°C)		1775.268	1779.732	1710-1780	PASS
	Extreme(-20°C)		1775.277	1779.723	1710-1780	PASS
	Extreme(-30°C)		1775.230	1779.770	1710-1780	PASS
	25°C	LV	1775.271	1779.729	1710-1780	PASS
		HV	1775.200	1779.800	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	Bandwidth	10MHz	QPSK			
	Temperature	Voltage				
	Extreme(50°C)	NV	1770.629	1779.371	1710-1780	PASS
	Extreme(40°C)		1770.562	1779.438	1710-1780	PASS
	Extreme(30°C)		1770.624	1779.376	1710-1780	PASS
	Extreme(20°C)		1770.625	1779.375	1710-1780	PASS
	Extreme(10°C)		1770.554	1779.446	1710-1780	PASS
	Extreme(0°C)		1770.508	1779.492	1710-1780	PASS
	Extreme(-10°C)		1770.606	1779.394	1710-1780	PASS
	Extreme(-20°C)		1770.528	1779.472	1710-1780	PASS
	Extreme(-30°C)		1770.645	1779.355	1710-1780	PASS
	25°C	LV	1770.626	1779.374	1710-1780	PASS
		HV	1770.553	1779.447	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	Bandwidth	15MHz	QPSK			
	Temperature	Voltage				
	Extreme(50°C)	NV	1765.799	1779.201	1710-1780	PASS
	Extreme(40°C)		1765.719	1779.281	1710-1780	PASS
	Extreme(30°C)		1765.795	1779.205	1710-1780	PASS

	Extreme(20°C)		1765.799	1779.201	1710-1780	PASS
	Extreme(10°C)		1765.729	1779.271	1710-1780	PASS
	Extreme(0°C)		1765.706	1779.294	1710-1780	PASS
	Extreme(-10°C)		1765.754	1779.246	1710-1780	PASS
	Extreme(-20°C)		1765.773	1779.227	1710-1780	PASS
	Extreme(-30°C)		1765.792	1779.208	1710-1780	PASS
	25°C	LV	1765.710	1779.290	1710-1780	PASS
		HV	1765.711	1779.289	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	1760.947	1779.053	1710-1780	PASS
	Extreme(40°C)		1760.962	1779.038	1710-1780	PASS
	Extreme(30°C)		1760.935	1779.065	1710-1780	PASS
	Extreme(20°C)		1760.933	1779.067	1710-1780	PASS
	Extreme(10°C)		1760.923	1779.077	1710-1780	PASS
	Extreme(0°C)		1760.917	1779.083	1710-1780	PASS
	Extreme(-10°C)		1760.950	1779.050	1710-1780	PASS
	Extreme(-20°C)		1760.995	1779.005	1710-1780	PASS
	Extreme(-30°C)		1760.985	1779.015	1710-1780	PASS
	25°C	LV	1760.961	1779.039	1710-1780	PASS
		HV	1760.937	1779.063	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	663.251	667.749	663-698	PASS
	Extreme(40°C)		663.257	667.743	663-698	PASS
	Extreme(30°C)		663.257	667.743	663-698	PASS
	Extreme(20°C)		663.253	667.747	663-698	PASS
	Extreme(10°C)		663.258	667.742	663-698	PASS
	Extreme(0°C)		663.256	667.744	663-698	PASS
	Extreme(-10°C)		663.252	667.748	663-698	PASS
	Extreme(-20°C)		663.252	667.748	663-698	PASS
	Extreme(-30°C)		663.255	667.745	663-698	PASS
	25°C	LV	663.257	667.743	663-698	PASS
		HV	663.250	667.750	663-698	PASS
LTE B71	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
668	Bandwidth	10MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	663.529	672.471	663-698	PASS
	Extreme(40°C)		663.521	672.479	663-698	PASS
	Extreme(30°C)		663.509	672.491	663-698	PASS
	Extreme(20°C)		663.533	672.467	663-698	PASS
	Extreme(10°C)		663.511	672.489	663-698	PASS
	Extreme(0°C)		663.510	672.490	663-698	PASS
	Extreme(-10°C)		663.520	672.480	663-698	PASS
	Extreme(-20°C)		663.531	672.469	663-698	PASS
	Extreme(-30°C)		663.528	672.472	663-698	PASS
	25°C	LV	663.513	672.487	663-698	PASS
		HV	663.511	672.489	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
670.5	Bandwidth	15MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	663.742	677.258	663-698	PASS
	Extreme(40°C)		663.786	677.214	663-698	PASS
	Extreme(30°C)		663.732	677.268	663-698	PASS
	Extreme(20°C)		663.763	677.237	663-698	PASS
	Extreme(10°C)		663.748	677.252	663-698	PASS
	Extreme(0°C)		663.761	677.239	663-698	PASS
	Extreme(-10°C)		663.714	677.286	663-698	PASS
	Extreme(-20°C)		663.759	677.241	663-698	PASS
	Extreme(-30°C)		663.778	677.222	663-698	PASS
	25°C	LV	663.743	677.257	663-698	PASS
		HV	663.738	677.262	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
673	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	664.048	681.952	663-698	PASS
	Extreme(40°C)		664.049	681.951	663-698	PASS
	Extreme(30°C)		664.047	681.953	663-698	PASS
	Extreme(20°C)		664.047	681.953	663-698	PASS
	Extreme(10°C)		664.050	681.950	663-698	PASS
	Extreme(0°C)		664.047	681.953	663-698	PASS

	Extreme(-10°C)		664.047	681.953	663-698	PASS
	Extreme(-20°C)		664.046	681.954	663-698	PASS
	Extreme(-30°C)		664.047	681.953	663-698	PASS
	25°C	LV	664.050	681.950	663-698	PASS
		HV	664.047	681.953	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	693.260	697.740	663-698	PASS
	Extreme(40°C)		693.260	697.740	663-698	PASS
	Extreme(30°C)		693.260	697.740	663-698	PASS
	Extreme(20°C)		693.250	697.750	663-698	PASS
	Extreme(10°C)		693.258	697.742	663-698	PASS
	Extreme(0°C)		693.260	697.740	663-698	PASS
	Extreme(-10°C)		693.251	697.749	663-698	PASS
	Extreme(-20°C)		693.252	697.748	663-698	PASS
	Extreme(-30°C)		693.251	697.749	663-698	PASS
	25°C	LV	693.258	697.742	663-698	PASS
		HV	693.257	697.743	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	688.519	697.481	663-698	PASS
	Extreme(40°C)		688.513	697.487	663-698	PASS
	Extreme(30°C)		688.521	697.479	663-698	PASS
	Extreme(20°C)		688.519	697.481	663-698	PASS
	Extreme(10°C)		688.522	697.478	663-698	PASS
	Extreme(0°C)		688.510	697.490	663-698	PASS
	Extreme(-10°C)		688.515	697.485	663-698	PASS
	Extreme(-20°C)		688.532	697.468	663-698	PASS
	Extreme(-30°C)		688.517	697.483	663-698	PASS
	25°C	LV	688.512	697.488	663-698	PASS
		HV	688.535	697.465	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
690.5	Bandwidth	15MHz				

	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	683.706	697.294	663-698	PASS
	Extreme(40°C)		683.706	697.294	663-698	PASS
	Extreme(30°C)		683.742	697.258	663-698	PASS
	Extreme(20°C)		683.783	697.217	663-698	PASS
	Extreme(10°C)		683.765	697.235	663-698	PASS
	Extreme(0°C)		683.761	697.239	663-698	PASS
	Extreme(-10°C)		683.770	697.230	663-698	PASS
	Extreme(-20°C)		683.760	697.240	663-698	PASS
	Extreme(-30°C)		683.762	697.238	663-698	PASS
	25°C	LV	683.711	697.289	663-698	PASS
		HV	683.748	697.252	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
688	Bandwidth	20MHz				
	Temperature	Voltage	QPSK			
	Extreme(50°C)	NV	679.049	696.951	663-698	PASS
	Extreme(40°C)		679.049	696.951	663-698	PASS
	Extreme(30°C)		679.046	696.954	663-698	PASS
	Extreme(20°C)		679.049	696.951	663-698	PASS
	Extreme(10°C)		679.047	696.953	663-698	PASS
	Extreme(0°C)		679.045	696.955	663-698	PASS
	Extreme(-10°C)		679.049	696.951	663-698	PASS
	Extreme(-20°C)		679.046	696.954	663-698	PASS
	Extreme(-30°C)		679.045	696.955	663-698	PASS
	25°C	LV	679.048	696.952	663-698	PASS
		HV	679.049	696.951	663-698	PASS

Variant

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50°C)	NV	2.02	0.00242	PASS
	Extreme (40°C)		7.76	0.00927	PASS
	Extreme (30°C)		9.95	0.01189	PASS
	Extreme (20°C)		3.76	0.00449	PASS
	Extreme (10°C)		7.30	0.00873	PASS
	Extreme (0°C)		4.33	0.00517	PASS
	Extreme (-10°C)		5.09	0.00608	PASS
	Extreme (-20°C)		3.76	0.00449	PASS
	Extreme (-30°C)		10.70	0.01279	PASS
	25°C	LV	9.55	0.01141	PASS
		HV	16.20	0.01936	PASS
WCDMA B5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	10.62	0.01269	PASS
	Extreme (40°C)		10.02	0.01197	PASS
	Extreme (30°C)		17.72	0.02118	PASS
	Extreme (20°C)		10.00	0.01195	PASS
	Extreme (10°C)		10.87	0.01299	PASS
	Extreme (0°C)		7.17	0.00857	PASS
	Extreme (-10°C)		12.65	0.01512	PASS
	Extreme (-20°C)		12.88	0.01540	PASS
	Extreme (-30°C)		9.77	0.01168	PASS
	25°C	LV	11.59	0.01386	PASS
		HV	16.40	0.01960	PASS

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
BAND5	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	4.71	0.00563	PASS
	Extreme (40°C)		6.60	0.00789	PASS
	Extreme (30°C)		15.23	0.01821	PASS
	Extreme (20°C)		7.49	0.00895	PASS
	Extreme (10°C)		16.31	0.01950	PASS
	Extreme (0°C)		1.83	0.00218	PASS

	Extreme (-10°C)		14.66	0.01753	PASS
	Extreme (-20°C)		2.73	0.00326	PASS
	Extreme (-30°C)		10.26	0.01227	PASS
	25°C	LV	12.85	0.01536	PASS
		HV	14.97	0.01790	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.27	0.02065	PASS
	Extreme (40°C)		9.82	0.01174	PASS
	Extreme (30°C)		11.01	0.01316	PASS
	Extreme (20°C)		3.51	0.00419	PASS
	Extreme (10°C)		5.11	0.00611	PASS
	Extreme (0°C)		2.19	0.00262	PASS
	Extreme (-10°C)		1.62	0.00194	PASS
	Extreme (-20°C)		4.36	0.00522	PASS
	Extreme (-30°C)		3.34	0.00399	PASS
	25°C	LV	7.31	0.00874	PASS
		HV	6.34	0.00758	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.36	0.01631	PASS
	Extreme (40°C)		9.56	0.01167	PASS
	Extreme (30°C)		5.76	0.00703	PASS
	Extreme (20°C)		3.25	0.00397	PASS
	Extreme (10°C)		12.92	0.01578	PASS
	Extreme (0°C)		17.22	0.02103	PASS
	Extreme (-10°C)		2.08	0.00254	PASS
	Extreme (-20°C)		13.81	0.01686	PASS
	Extreme (-30°C)		14.33	0.01750	PASS
	25°C	LV	16.05	0.01960	PASS
		HV	8.09	0.00988	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	BANDWIDTH	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.062	1850.338	1850-1910	PASS
	Extreme (40°C)		1850.069	1850.331	1850-1910	PASS
	Extreme (30°C)		1850.064	1850.336	1850-1910	PASS
	Extreme (20°C)		1850.072	1850.328	1850-1910	PASS
	Extreme (10°C)		1850.075	1850.325	1850-1910	PASS
	Extreme (0°C)		1850.076	1850.324	1850-1910	PASS
	Extreme (-10°C)		1850.069	1850.331	1850-1910	PASS
	Extreme (-20°C)		1850.076	1850.324	1850-1910	PASS
	Extreme (-30°C)		1850.067	1850.333	1850-1910	PASS
	25°C	LV	1850.078	1850.322	1850-1910	PASS
		HV	1850.080	1850.320	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.8	BANDWIDTH	0.2MHz	GSMK	GSMK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1909.680	1909.920	1850-1910	PASS
	Extreme (40°C)		1909.668	1909.932	1850-1910	PASS
	Extreme (30°C)		1909.663	1909.937	1850-1910	PASS
	Extreme (20°C)		1909.661	1909.939	1850-1910	PASS
	Extreme (10°C)		1909.662	1909.938	1850-1910	PASS
	Extreme (0°C)		1909.670	1909.930	1850-1910	PASS
	Extreme (-10°C)		1909.677	1909.923	1850-1910	PASS
	Extreme (-20°C)		1909.663	1909.937	1850-1910	PASS
	Extreme (-30°C)		1909.674	1909.926	1850-1910	PASS
	25°C	LV	1909.672	1909.928	1850-1910	PASS
		HV	1909.670	1909.930	1850-1910	PASS

WCDM A B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.327	1854.473	1850-1910	PASS
	Extreme (40°C)		1850.319	1854.481	1850-1910	PASS
	Extreme (30°C)		1850.326	1854.474	1850-1910	PASS
	Extreme (20°C)		1850.317	1854.483	1850-1910	PASS
	Extreme (10°C)		1850.329	1854.471	1850-1910	PASS
	Extreme (0°C)		1850.321	1854.479	1850-1910	PASS
	Extreme (-10°C)		1850.328	1854.472	1850-1910	PASS
	Extreme (-20°C)		1850.327	1854.473	1850-1910	PASS
	Extreme (-30°C)		1850.326	1854.474	1850-1910	PASS
	25°C	LV	1850.325	1854.475	1850-1910	PASS
		HV	1850.326	1854.474	1850-1910	PASS
WCDM A B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	BANDWIDTH	5MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.323	1714.477	1710-1755	PASS
	Extreme (40°C)		1710.318	1714.482	1710-1755	PASS
	Extreme (30°C)		1710.320	1714.480	1710-1755	PASS
	Extreme (20°C)		1710.318	1714.482	1710-1755	PASS
	Extreme (10°C)		1710.316	1714.484	1710-1755	PASS
	Extreme (0°C)		1710.323	1714.477	1710-1755	PASS
	Extreme (-10°C)		1710.328	1714.472	1710-1755	PASS
	Extreme (-20°C)		1710.316	1714.484	1710-1755	PASS
	Extreme (-30°C)		1710.321	1714.479	1710-1755	PASS
	25°C	LV	1710.320	1714.480	1710-1755	PASS
		HV	1710.323	1714.477	1710-1755	PASS
WCDM A B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.527	1909.673	1850-1910	PASS
	Extreme (40°C)		1905.518	1909.682	1850-1910	PASS
	Extreme (30°C)		1905.526	1909.674	1850-1910	PASS

	Extreme (20℃)		1905.521	1909.679	1850-1910	PASS
	Extreme (10℃)		1905.524	1909.676	1850-1910	PASS
	Extreme (0℃)		1905.518	1909.682	1850-1910	PASS
	Extreme (-10℃)		1905.522	1909.678	1850-1910	PASS
	Extreme (-20℃)		1905.524	1909.676	1850-1910	PASS
	Extreme (-30℃)		1905.520	1909.680	1850-1910	PASS
	25℃		LV	1905.523	1909.677	1850-1910
		HV	1905.522	1909.678	1850-1910	PASS
WCDM A B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1750.516	1754.684	1710-1755	PASS
	Extreme (40℃)		1750.529	1754.671	1710-1755	PASS
	Extreme (30℃)		1750.526	1754.674	1710-1755	PASS
	Extreme (20℃)		1750.517	1754.683	1710-1755	PASS
	Extreme (10℃)		1750.526	1754.674	1710-1755	PASS
	Extreme (0℃)		1750.520	1754.680	1710-1755	PASS
	Extreme (-10℃)		1750.521	1754.679	1710-1755	PASS
	Extreme (-20℃)		1750.527	1754.673	1710-1755	PASS
	Extreme (-30℃)		1750.517	1754.683	1710-1755	PASS
	25℃	LV	1750.516	1754.684	1710-1755	PASS
		HV	1750.522	1754.678	1710-1755	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	1851.038	1868.962	1850-1910	PASS
	Extreme (40°C)		1851.012	1868.988	1850-1910	PASS
	Extreme (30°C)		1851.020	1868.980	1850-1910	PASS
	Extreme (20°C)		1851.019	1868.981	1850-1910	PASS
	Extreme (10°C)		1851.037	1868.963	1850-1910	PASS
	Extreme (0°C)		1851.022	1868.978	1850-1910	PASS
	Extreme (-10°C)		1851.036	1868.964	1850-1910	PASS
	Extreme (-20°C)		1851.011	1868.989	1850-1910	PASS
	Extreme (-30°C)		1851.024	1868.976	1850-1910	PASS
	25°C	LV	1851.039	1868.961	1850-1910	PASS
		HV	1851.018	1868.982	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1890.953	1909.047	1850-1910	PASS
	Extreme (40°C)		1890.995	1909.005	1850-1910	PASS
	Extreme (30°C)		1890.995	1909.005	1850-1910	PASS
	Extreme (20°C)		1890.999	1909.001	1850-1910	PASS
	Extreme (10°C)		1890.978	1909.022	1850-1910	PASS
	Extreme (0°C)		1890.934	1909.066	1850-1910	PASS
	Extreme (-10°C)		1890.942	1909.058	1850-1910	PASS
	Extreme (-20°C)		1890.985	1909.015	1850-1910	PASS
	Extreme (-30°C)		1890.931	1909.069	1850-1910	PASS
	25°C	LV	1890.952	1909.048	1850-1910	PASS
		HV	1890.969	1909.031	1850-1910	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.009	1728.991	1710-1755	PASS
	Extreme (40°C)		1711.033	1728.967	1710-1755	PASS
	Extreme (30°C)		1711.016	1728.984	1710-1755	PASS
	Extreme (20°C)		1711.029	1728.971	1710-1755	PASS
	Extreme (10°C)		1711.048	1728.952	1710-1755	PASS
	Extreme (0°C)		1711.008	1728.992	1710-1755	PASS

	Extreme (-10°C)		1711.031	1728.969	1710-1755	PASS
	Extreme (-20°C)		1711.046	1728.954	1710-1755	PASS
	Extreme (-30°C)		1711.017	1728.983	1710-1755	PASS
	25°C	LV	1711.024	1728.976	1710-1755	PASS
		HV	1711.011	1728.989	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1735.969	1754.031	1710-1755	PASS
	Extreme (40°C)		1735.984	1754.016	1710-1755	PASS
	Extreme (30°C)		1735.923	1754.077	1710-1755	PASS
	Extreme (20°C)		1735.912	1754.088	1710-1755	PASS
	Extreme (10°C)		1735.915	1754.085	1710-1755	PASS
	Extreme (0°C)		1735.933	1754.067	1710-1755	PASS
	Extreme (-10°C)		1735.926	1754.074	1710-1755	PASS
	Extreme (-20°C)		1735.979	1754.021	1710-1755	PASS
	Extreme (-30°C)		1735.924	1754.076	1710-1755	PASS
	25°C	LV	1735.938	1754.062	1710-1755	PASS
		HV	1735.951	1754.049	1710-1755	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.504	2509.496	2500-2570	PASS
	Extreme (40°C)		2500.515	2509.485	2500-2570	PASS
	Extreme (30°C)		2500.612	2509.388	2500-2570	PASS
	Extreme (20°C)		2500.553	2509.447	2500-2570	PASS
	Extreme (10°C)		2500.629	2509.371	2500-2570	PASS
	Extreme (0°C)		2500.510	2509.490	2500-2570	PASS
	Extreme (-10°C)		2500.612	2509.388	2500-2570	PASS
	Extreme (-20°C)		2500.595	2509.405	2500-2570	PASS
	Extreme (-30°C)		2500.606	2509.394	2500-2570	PASS
	25°C	LV	2500.627	2509.373	2500-2570	PASS
		HV	2500.510	2509.490	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2560.546	2569.454	2500-2570	PASS
	Extreme (40°C)		2560.602	2569.398	2500-2570	PASS

	Extreme (30°C)		2560.564	2569.436	2500-2570	PASS
	Extreme (20°C)		2560.502	2569.498	2500-2570	PASS
	Extreme (10°C)		2560.521	2569.479	2500-2570	PASS
	Extreme (0°C)		2560.645	2569.355	2500-2570	PASS
	Extreme (-10°C)		2560.582	2569.418	2500-2570	PASS
	Extreme (-20°C)		2560.535	2569.465	2500-2570	PASS
	Extreme (-30°C)		2560.526	2569.474	2500-2570	PASS
	25°C	LV	2560.524	2569.476	2500-2570	PASS
		HV	2560.570	2569.430	2500-2570	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	699.535	708.465	699-716	PASS
	Extreme (40°C)		699.559	708.441	699-716	PASS
	Extreme (30°C)		699.551	708.449	699-716	PASS
	Extreme (20°C)		699.545	708.455	699-716	PASS
	Extreme (10°C)		699.557	708.443	699-716	PASS
	Extreme (0°C)		699.570	708.430	699-716	PASS
	Extreme (-10°C)		699.547	708.453	699-716	PASS
	Extreme (-20°C)		699.520	708.480	699-716	PASS
	Extreme (-30°C)		699.538	708.462	699-716	PASS
	25°C	LV	699.642	708.358	699-716	PASS
		HV	699.588	708.412	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	706.553	715.447	699-716	PASS
	Extreme (40°C)		706.646	715.354	699-716	PASS
	Extreme (30°C)		706.644	715.356	699-716	PASS
	Extreme (20°C)		706.501	715.499	699-716	PASS
	Extreme (10°C)		706.563	715.437	699-716	PASS
	Extreme (0°C)		706.530	715.470	699-716	PASS
	Extreme (-10°C)		706.574	715.426	699-716	PASS
	Extreme (-20°C)		706.526	715.474	699-716	PASS
	Extreme (-30°C)		706.647	715.353	699-716	PASS
	25°C	LV	706.550	715.450	699-716	PASS
		HV	706.536	715.464	699-716	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

782	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	777.575	786.425	777-787	PASS
	Extreme (40°C)		777.586	786.414	777-787	PASS
	Extreme (30°C)		777.546	786.454	777-787	PASS
	Extreme (20°C)		777.598	786.402	777-787	PASS
	Extreme (10°C)		777.583	786.417	777-787	PASS
	Extreme (0°C)		777.541	786.459	777-787	PASS
	Extreme (-10°C)		777.532	786.468	777-787	PASS
	Extreme (-20°C)		777.543	786.457	777-787	PASS
	Extreme (-30°C)		777.580	786.420	777-787	PASS
	25°C	LV	777.511	786.489	777-787	PASS
		HV	777.604	786.396	777-787	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
709	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	704.595	713.405	704-716	PASS
	Extreme (40°C)		704.638	713.362	704-716	PASS
	Extreme (30°C)		704.567	713.433	704-716	PASS
	Extreme (20°C)		704.618	713.382	704-716	PASS
	Extreme (10°C)		704.556	713.444	704-716	PASS
	Extreme (0°C)		704.617	713.383	704-716	PASS
	Extreme (-10°C)		704.522	713.478	704-716	PASS
	Extreme (-20°C)		704.637	713.363	704-716	PASS
	Extreme (-30°C)		704.576	713.424	704-716	PASS
	25°C	LV	704.594	713.406	704-716	PASS
		HV	704.607	713.393	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	706.500	715.500	704-716	PASS
	Extreme (40°C)		706.590	715.410	704-716	PASS
	Extreme (30°C)		706.549	715.451	704-716	PASS
	Extreme (20°C)		706.587	715.413	704-716	PASS
	Extreme (10°C)		706.559	715.441	704-716	PASS
	Extreme (0°C)		706.607	715.393	704-716	PASS
	Extreme (-10°C)		706.575	715.425	704-716	PASS
	Extreme (-20°C)		706.515	715.485	704-716	PASS
	Extreme (-30°C)		706.527	715.473	704-716	PASS

	25℃	LV	706.531	715.469	704-716	PASS
		HV	706.624	715.376	704-716	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.562	1859.438	1850-1915	PASS
	Extreme (40℃)		1850.558	1859.442	1850-1915	PASS
	Extreme (30℃)		1850.602	1859.398	1850-1915	PASS
	Extreme (20℃)		1850.629	1859.371	1850-1915	PASS
	Extreme (10℃)		1850.541	1859.459	1850-1915	PASS
	Extreme (0℃)		1850.638	1859.362	1850-1915	PASS
	Extreme (-10℃)		1850.605	1859.395	1850-1915	PASS
	Extreme (-20℃)		1850.574	1859.426	1850-1915	PASS
	Extreme (-30℃)		1850.601	1859.399	1850-1915	PASS
	25℃	LV	1850.610	1859.390	1850-1915	PASS
		HV	1850.596	1859.404	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	1905.599	1914.401	1850-1915	PASS
	Extreme (40℃)		1905.567	1914.433	1850-1915	PASS
	Extreme (30℃)		1905.625	1914.375	1850-1915	PASS
	Extreme (20℃)		1905.512	1914.488	1850-1915	PASS
	Extreme (10℃)		1905.548	1914.452	1850-1915	PASS
	Extreme (0℃)		1905.548	1914.452	1850-1915	PASS
	Extreme (-10℃)		1905.555	1914.445	1850-1915	PASS
	Extreme (-20℃)		1905.614	1914.386	1850-1915	PASS
	Extreme (-30℃)		1905.538	1914.462	1850-1915	PASS
	25℃	LV	1905.520	1914.480	1850-1915	PASS
		HV	1905.538	1914.462	1850-1915	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2571.037	2588.963	2570-2620	PASS
	Extreme (40℃)		2571.010	2588.990	2570-2620	PASS
	Extreme (30℃)		2571.002	2588.998	2570-2620	PASS
	Extreme (20℃)		2571.014	2588.986	2570-2620	PASS
	Extreme (10℃)		2571.015	2588.985	2570-2620	PASS

	Extreme (0°C)		2571.022	2588.978	2570-2620	PASS
	Extreme (-10°C)		2571.037	2588.963	2570-2620	PASS
	Extreme (-20°C)		2571.004	2588.996	2570-2620	PASS
	Extreme (-30°C)		2571.017	2588.983	2570-2620	PASS
	25°C	LV	2571.018	2588.982	2570-2620	PASS
		HV	2571.040	2588.960	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2600.944	2619.056	2570-2620	PASS
	Extreme (40°C)		2600.990	2619.010	2570-2620	PASS
	Extreme (30°C)		2600.943	2619.057	2570-2620	PASS
	Extreme (20°C)		2600.985	2619.015	2570-2620	PASS
	Extreme (10°C)		2600.954	2619.046	2570-2620	PASS
	Extreme (0°C)		2600.954	2619.046	2570-2620	PASS
	Extreme (-10°C)		2600.942	2619.058	2570-2620	PASS
	Extreme (-20°C)		2600.954	2619.046	2570-2620	PASS
	Extreme (-30°C)		2600.970	2619.030	2570-2620	PASS
	25°C	LV	2600.984	2619.016	2570-2620	PASS
		HV	2600.920	2619.080	2570-2620	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2506	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.044	2514.956	2496-2690	PASS
	Extreme (40°C)		2497.020	2514.980	2496-2690	PASS
	Extreme (30°C)		2497.004	2514.996	2496-2690	PASS
	Extreme (20°C)		2497.032	2514.968	2496-2690	PASS
	Extreme (10°C)		2497.022	2514.978	2496-2690	PASS
	Extreme (0°C)		2497.035	2514.965	2496-2690	PASS
	Extreme (-10°C)		2497.022	2514.978	2496-2690	PASS
	Extreme (-20°C)		2497.018	2514.982	2496-2690	PASS
	Extreme (-30°C)		2497.047	2514.953	2496-2690	PASS
	25°C	LV	2497.033	2514.967	2496-2690	PASS
		HV	2497.027	2514.973	2496-2690	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2670.988	2689.012	2496-2690	PASS

	Extreme (40°C)		2670.905	2689.095	2496-2690	PASS
	Extreme (30°C)		2670.993	2689.007	2496-2690	PASS
	Extreme (20°C)		2670.986	2689.014	2496-2690	PASS
	Extreme (10°C)		2670.922	2689.078	2496-2690	PASS
	Extreme (0°C)		2670.915	2689.085	2496-2690	PASS
	Extreme (-10°C)		2670.985	2689.015	2496-2690	PASS
	Extreme (-20°C)		2670.920	2689.080	2496-2690	PASS
	Extreme (-30°C)		2670.931	2689.069	2496-2690	PASS
	25°C	LV	2670.958	2689.042	2496-2690	PASS
		HV	2670.904	2689.096	2496-2690	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	1711.013	1728.987	1710-1780	PASS
	Extreme (40°C)		1711.001	1728.999	1710-1780	PASS
	Extreme (30°C)		1711.036	1728.964	1710-1780	PASS
	Extreme (20°C)		1711.003	1728.997	1710-1780	PASS
	Extreme (10°C)		1711.025	1728.975	1710-1780	PASS
	Extreme (0°C)		1711.007	1728.993	1710-1780	PASS
	Extreme (-10°C)		1711.027	1728.973	1710-1780	PASS
	Extreme (-20°C)		1711.045	1728.955	1710-1780	PASS
	Extreme (-30°C)		1711.004	1728.996	1710-1780	PASS
	25°C	LV	1711.047	1728.953	1710-1780	PASS
		HV	1711.016	1728.984	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	1760.907	1779.093	1710-1780	PASS
	Extreme (40°C)		1760.994	1779.006	1710-1780	PASS
	Extreme (30°C)		1760.986	1779.014	1710-1780	PASS
	Extreme (20°C)		1760.934	1779.066	1710-1780	PASS
	Extreme (10°C)		1760.948	1779.052	1710-1780	PASS
	Extreme (0°C)		1760.970	1779.030	1710-1780	PASS
	Extreme (-10°C)		1760.976	1779.024	1710-1780	PASS
	Extreme (-20°C)		1760.981	1779.019	1710-1780	PASS
	Extreme (-30°C)		1760.979	1779.021	1710-1780	PASS
	25°C	LV	1760.986	1779.014	1710-1780	PASS
		HV	1760.971	1779.029	1710-1780	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

673	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	664.050	681.950	663-698	PASS
	Extreme (40°C)		664.046	681.954	663-698	PASS
	Extreme (30°C)		664.048	681.952	663-698	PASS
	Extreme (20°C)		664.046	681.954	663-698	PASS
	Extreme (10°C)		664.050	681.950	663-698	PASS
	Extreme (0°C)		664.046	681.954	663-698	PASS
	Extreme (-10°C)		664.049	681.951	663-698	PASS
	Extreme (-20°C)		664.046	681.954	663-698	PASS
	Extreme (-30°C)		664.049	681.951	663-698	PASS
	25°C	LV	664.046	681.954	663-698	PASS
		HV	664.045	681.955	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
688	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	679.048	696.952	663-698	PASS
	Extreme (40°C)		679.045	696.955	663-698	PASS
	Extreme (30°C)		679.049	696.951	663-698	PASS
	Extreme (20°C)		679.048	696.952	663-698	PASS
	Extreme (10°C)		679.046	696.954	663-698	PASS
	Extreme (0°C)		679.050	696.950	663-698	PASS
	Extreme (-10°C)		679.049	696.951	663-698	PASS
	Extreme (-20°C)		679.050	696.950	663-698	PASS
	Extreme (-30°C)		679.047	696.953	663-698	PASS
	25°C	LV	679.046	696.954	663-698	PASS
		HV	679.047	696.953	663-698	PASS