

Frequency Stability

NR N2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	DFT-QPSK	DFT-QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.295	1854.705	1850-1910	PASS
	Extreme (40°C)		1850.216	1854.784	1850-1910	PASS
	Extreme (30°C)		1850.273	1854.727	1850-1910	PASS
	Extreme (20°C)		1850.214	1854.786	1850-1910	PASS
	Extreme (10°C)		1850.263	1854.737	1850-1910	PASS
	Extreme (0°C)		1850.237	1854.763	1850-1910	PASS
	Extreme (-10°C)		1850.259	1854.741	1850-1910	PASS
	Extreme (-20°C)		1850.237	1854.763	1850-1910	PASS
	Extreme (-30°C)		1850.244	1854.756	1850-1910	PASS
	25°C	LV	1850.201	1854.799	1850-1910	PASS
		HV	1850.276	1854.724	1850-1910	PASS
NR N2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	DFT-QPSK	DFT-QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.646	1859.354	1850-1910	PASS
	Extreme (40°C)		1850.606	1859.394	1850-1910	PASS
	Extreme (30°C)		1850.651	1859.349	1850-1910	PASS
	Extreme (20°C)		1850.613	1859.387	1850-1910	PASS
	Extreme (10°C)		1850.630	1859.370	1850-1910	PASS
	Extreme (0°C)		1850.646	1859.354	1850-1910	PASS
	Extreme (-10°C)		1850.655	1859.345	1850-1910	PASS
	Extreme (-20°C)		1850.623	1859.377	1850-1910	PASS
	Extreme (-30°C)		1850.684	1859.316	1850-1910	PASS
	25°C	LV	1850.636	1859.364	1850-1910	PASS
		HV	1850.618	1859.382	1850-1910	PASS
NR N2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	DFT-QPSK	DFT-QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.627	1864.373	1850-1910	PASS
	Extreme (40°C)		1850.621	1864.379	1850-1910	PASS
	Extreme (30°C)		1850.662	1864.338	1850-1910	PASS

	Extreme (20°C)		1850.633	1864.367	1850-1910	PASS
	Extreme (10°C)		1850.681	1864.319	1850-1910	PASS
	Extreme (0°C)		1850.699	1864.301	1850-1910	PASS
	Extreme (-10°C)		1850.635	1864.365	1850-1910	PASS
	Extreme (-20°C)		1850.676	1864.324	1850-1910	PASS
	Extreme (-30°C)		1850.652	1864.348	1850-1910	PASS
	25°C	LV	1850.666	1864.334	1850-1910	PASS
		HV	1850.669	1864.331	1850-1910	PASS
NR N2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.872	1869.128	1850-1910	PASS
	Extreme (40°C)		1850.840	1869.160	1850-1910	PASS
	Extreme (30°C)		1850.871	1869.129	1850-1910	PASS
	Extreme (20°C)		1850.864	1869.136	1850-1910	PASS
	Extreme (10°C)		1850.887	1869.113	1850-1910	PASS
	Extreme (0°C)		1850.819	1869.181	1850-1910	PASS
	Extreme (-10°C)		1850.812	1869.188	1850-1910	PASS
	Extreme (-20°C)		1850.843	1869.157	1850-1910	PASS
	Extreme (-30°C)		1850.881	1869.119	1850-1910	PASS
	25°C	LV	1850.869	1869.131	1850-1910	PASS
		HV	1850.850	1869.150	1850-1910	PASS
NR N2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.299	1909.701	1850-1910	PASS
	Extreme (40°C)		1905.229	1909.771	1850-1910	PASS
	Extreme (30°C)		1905.224	1909.776	1850-1910	PASS
	Extreme (20°C)		1905.281	1909.719	1850-1910	PASS
	Extreme (10°C)		1905.271	1909.729	1850-1910	PASS
	Extreme (0°C)		1905.249	1909.751	1850-1910	PASS
	Extreme (-10°C)		1905.282	1909.718	1850-1910	PASS
	Extreme (-20°C)		1905.253	1909.747	1850-1910	PASS
	Extreme (-30°C)		1905.273	1909.727	1850-1910	PASS
	25°C	LV	1905.228	1909.772	1850-1910	PASS
		HV	1905.239	1909.761	1850-1910	PASS
NR N2	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
1905	BANDWIDTH	10MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1900.693	1909.307	1850-1910	PASS
	Extreme (40℃)		1900.697	1909.303	1850-1910	PASS
	Extreme (30℃)		1900.674	1909.326	1850-1910	PASS
	Extreme (20℃)		1900.643	1909.357	1850-1910	PASS
	Extreme (10℃)		1900.699	1909.301	1850-1910	PASS
	Extreme (0℃)		1900.618	1909.382	1850-1910	PASS
	Extreme (-10℃)		1900.652	1909.348	1850-1910	PASS
	Extreme (-20℃)		1900.614	1909.386	1850-1910	PASS
	Extreme (-30℃)		1900.661	1909.339	1850-1910	PASS
	25℃	LV	1900.655	1909.345	1850-1910	PASS
		HV	1900.676	1909.324	1850-1910	PASS
NR N2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1895.645	1909.355	1850-1910	PASS
	Extreme (40℃)		1895.600	1909.400	1850-1910	PASS
	Extreme (30℃)		1895.648	1909.352	1850-1910	PASS
	Extreme (20℃)		1895.647	1909.353	1850-1910	PASS
	Extreme (10℃)		1895.642	1909.358	1850-1910	PASS
	Extreme (0℃)		1895.682	1909.318	1850-1910	PASS
	Extreme (-10℃)		1895.627	1909.373	1850-1910	PASS
	Extreme (-20℃)		1895.679	1909.321	1850-1910	PASS
	Extreme (-30℃)		1895.604	1909.396	1850-1910	PASS
	25℃	LV	1895.696	1909.304	1850-1910	PASS
		HV	1895.614	1909.386	1850-1910	PASS
NR N2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1890.898	1909.102	1850-1910	PASS
	Extreme (40℃)		1890.847	1909.153	1850-1910	PASS
	Extreme (30℃)		1890.831	1909.169	1850-1910	PASS
	Extreme (20℃)		1890.848	1909.152	1850-1910	PASS
	Extreme (10℃)		1890.825	1909.175	1850-1910	PASS
	Extreme (0℃)		1890.865	1909.135	1850-1910	PASS

	Extreme (-10°C)		1890.849	1909.151	1850-1910	PASS
	Extreme (-20°C)		1890.828	1909.172	1850-1910	PASS
	Extreme (-30°C)		1890.845	1909.155	1850-1910	PASS
	25°C	LV	1890.868	1909.132	1850-1910	PASS
		HV	1890.887	1909.113	1850-1910	PASS

N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	16.18	0.01935	PASS
	Extreme (40°C)		16.34	0.01954	PASS
	Extreme (30°C)		18.00	0.02152	PASS
	Extreme (20°C)		14.77	0.01765	PASS
	Extreme (10°C)		12.16	0.01454	PASS
	Extreme (0°C)		7.74	0.00926	PASS
	Extreme (-10°C)		17.45	0.02086	PASS
	Extreme (-20°C)		1.08	0.00129	PASS
	Extreme (-30°C)		5.72	0.00684	PASS
	25°C	LV	13.07	0.01563	PASS
		HV	7.03	0.00841	PASS
N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	10.96	0.01310	PASS
	Extreme (40°C)		13.83	0.01653	PASS
	Extreme (30°C)		5.44	0.00650	PASS
	Extreme (20°C)		14.44	0.01727	PASS
	Extreme (10°C)		5.49	0.00656	PASS
	Extreme (0°C)		10.87	0.01300	PASS
	Extreme (-10°C)		14.78	0.01767	PASS
	Extreme (-20°C)		5.35	0.00640	PASS
	Extreme (-30°C)		6.82	0.00816	PASS
	25°C	LV	12.00	0.01435	PASS
		HV	11.12	0.01330	PASS
N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	4.93	0.00589	PASS

	Extreme (40°C)		13.65	0.01632	PASS
	Extreme (30°C)		10.19	0.01218	PASS
	Extreme (20°C)		3.83	0.00458	PASS
	Extreme (10°C)		5.76	0.00688	PASS
	Extreme (0°C)		12.32	0.01473	PASS
	Extreme (-10°C)		13.60	0.01625	PASS
	Extreme (-20°C)		6.89	0.00823	PASS
	Extreme (-30°C)		8.42	0.01006	PASS
	25°C	LV	1.19	0.00142	PASS
		HV	16.26	0.01943	PASS
N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	20MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	5.53	0.00661	PASS
	Extreme (40°C)		13.53	0.01618	PASS
	Extreme (30°C)		11.88	0.01420	PASS
	Extreme (20°C)		8.16	0.00975	PASS
	Extreme (10°C)		6.87	0.00822	PASS
	Extreme (0°C)		1.82	0.00217	PASS
	Extreme (-10°C)		12.81	0.01531	PASS
	Extreme (-20°C)		15.49	0.01852	PASS
	Extreme (-30°C)		7.74	0.00925	PASS
	25°C	LV	17.47	0.02088	PASS
		HV	17.25	0.02062	PASS

NR N12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz	DFT-QPSK	DFT-QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	699.226	703.774	699-716	PASS
	Extreme (40°C)		699.274	703.726	699-716	PASS
	Extreme (30°C)		699.259	703.741	699-716	PASS
	Extreme (20°C)		699.201	703.799	699-716	PASS
	Extreme (10°C)		699.219	703.781	699-716	PASS
	Extreme (0°C)		699.298	703.702	699-716	PASS
	Extreme (-10°C)		699.298	703.702	699-716	PASS
	Extreme (-20°C)		699.259	703.741	699-716	PASS
	Extreme (-30°C)		699.289	703.711	699-716	PASS
	25°C	LV	699.291	703.709	699-716	PASS
		HV	699.203	703.797	699-716	PASS
NR N12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz	DFT-QPSK	DFT-QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	699.573	708.427	699-716	PASS
	Extreme (40°C)		699.525	708.475	699-716	PASS
	Extreme (30°C)		699.536	708.464	699-716	PASS
	Extreme (20°C)		699.516	708.484	699-716	PASS
	Extreme (10°C)		699.589	708.411	699-716	PASS
	Extreme (0°C)		699.513	708.487	699-716	PASS
	Extreme (-10°C)		699.506	708.494	699-716	PASS
	Extreme (-20°C)		699.562	708.438	699-716	PASS
	Extreme (-30°C)		699.536	708.464	699-716	PASS
	25°C	LV	699.576	708.424	699-716	PASS
		HV	699.501	708.499	699-716	PASS
NR N12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
706.5	BANDWIDTH	15MHz	DFT-QPSK	DFT-QPSK	699-716	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	699.769	713.231	699-716	PASS
	Extreme (40°C)		699.758	713.242	699-716	PASS
	Extreme (30°C)		699.754	713.246	699-716	PASS
	Extreme (20°C)		699.740	713.260	699-716	PASS

	Extreme (10°C)		699.771	713.229	699-716	PASS
	Extreme (0°C)		699.733	713.267	699-716	PASS
	Extreme (-10°C)		699.774	713.226	699-716	PASS
	Extreme (-20°C)		699.763	713.237	699-716	PASS
	Extreme (-30°C)		699.758	713.242	699-716	PASS
	25°C	LV	699.765	713.235	699-716	PASS
		HV	699.746	713.254	699-716	PASS
NR N12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	711.294	715.706	699-716	PASS
	Extreme (40°C)		711.231	715.769	699-716	PASS
	Extreme (30°C)		711.231	715.769	699-716	PASS
	Extreme (20°C)		711.249	715.751	699-716	PASS
	Extreme (10°C)		711.250	715.750	699-716	PASS
	Extreme (0°C)		711.212	715.788	699-716	PASS
	Extreme (-10°C)		711.228	715.772	699-716	PASS
	Extreme (-20°C)		711.201	715.799	699-716	PASS
	Extreme (-30°C)		711.298	715.702	699-716	PASS
	25°C	LV	711.250	715.750	699-716	PASS
		HV	711.226	715.774	699-716	PASS
NR N12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
71	BANDWIDTH	10MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	66.564	75.436	699-716	PASS
	Extreme (40°C)		66.510	75.490	699-716	PASS
	Extreme (30°C)		66.541	75.459	699-716	PASS
	Extreme (20°C)		66.586	75.414	699-716	PASS
	Extreme (10°C)		66.573	75.427	699-716	PASS
	Extreme (0°C)		66.592	75.408	699-716	PASS
	Extreme (-10°C)		66.537	75.463	699-716	PASS
	Extreme (-20°C)		66.537	75.463	699-716	PASS
	Extreme (-30°C)		66.540	75.460	699-716	PASS
	25°C	LV	66.574	75.426	699-716	PASS
		HV	66.542	75.458	699-716	PASS
NR N12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

708.5	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	701.775	715.225	699-716	PASS
	Extreme (40°C)		701.791	715.209	699-716	PASS
	Extreme (30°C)		701.787	715.213	699-716	PASS
	Extreme (20°C)		701.786	715.214	699-716	PASS
	Extreme (10°C)		701.778	715.222	699-716	PASS
	Extreme (0°C)		701.766	715.234	699-716	PASS
	Extreme (-10°C)		701.705	715.295	699-716	PASS
	Extreme (-20°C)		701.794	715.206	699-716	PASS
	Extreme (-30°C)		701.734	715.266	699-716	PASS
	25°C	LV	701.736	715.264	699-716	PASS
		HV	701.700	715.300	699-716	PASS
NR N13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	BANDWIDTH	5MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	777.270	781.730	777-787	PASS
	Extreme (40°C)		777.280	781.720	777-787	PASS
	Extreme (30°C)		777.285	781.715	777-787	PASS
	Extreme (20°C)		777.201	781.799	777-787	PASS
	Extreme (10°C)		777.290	781.710	777-787	PASS
	Extreme (0°C)		777.211	781.789	777-787	PASS
	Extreme (-10°C)		777.251	781.749	777-787	PASS
	Extreme (-20°C)		777.209	781.791	777-787	PASS
	Extreme (-30°C)		777.234	781.766	777-787	PASS
	25°C	LV	777.203	781.797	777-787	PASS
		HV	777.201	781.799	777-787	PASS
NR N13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
782	BANDWIDTH	10MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	777.523	786.477	777-787	PASS
	Extreme (40°C)		777.574	786.426	777-787	PASS
	Extreme (30°C)		777.581	786.419	777-787	PASS
	Extreme (20°C)		777.594	786.406	777-787	PASS
	Extreme (10°C)		777.560	786.440	777-787	PASS
	Extreme (0°C)		777.551	786.449	777-787	PASS
	Extreme (-10°C)		777.539	786.461	777-787	PASS

	Extreme (-20°C)		777.530	786.470	777-787	PASS
	Extreme (-30°C)		777.541	786.459	777-787	PASS
	25°C	LV	777.504	786.496	777-787	PASS
		HV	777.551	786.449	777-787	PASS
NR N13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
784.5	BANDWIDTH	5MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	782.218	786.782	777-787	PASS
	Extreme (40°C)		782.216	786.784	777-787	PASS
	Extreme (30°C)		782.290	786.710	777-787	PASS
	Extreme (20°C)		782.240	786.760	777-787	PASS
	Extreme (10°C)		782.208	786.792	777-787	PASS
	Extreme (0°C)		782.263	786.737	777-787	PASS
	Extreme (-10°C)		782.263	786.737	777-787	PASS
	Extreme (-20°C)		782.249	786.751	777-787	PASS
	Extreme (-30°C)		782.250	786.750	777-787	PASS
	25°C	LV	782.231	786.769	777-787	PASS
		HV	782.225	786.775	777-787	PASS
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.262	1854.738	1850-1915	PASS
	Extreme (40°C)		1850.223	1854.777	1850-1915	PASS
	Extreme (30°C)		1850.226	1854.774	1850-1915	PASS
	Extreme (20°C)		1850.282	1854.718	1850-1915	PASS
	Extreme (10°C)		1850.223	1854.777	1850-1915	PASS
	Extreme (0°C)		1850.296	1854.704	1850-1915	PASS
	Extreme (-10°C)		1850.295	1854.705	1850-1915	PASS
	Extreme (-20°C)		1850.282	1854.718	1850-1915	PASS
	Extreme (-30°C)		1850.216	1854.784	1850-1915	PASS
	25°C	LV	1850.286	1854.714	1850-1915	PASS
		HV	1850.237	1854.763	1850-1915	PASS
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	DFT-QPSK			
	Temperature	Voltage				

	Extreme (50℃)	NV	1850.519	1859.481	1850-1915	PASS
	Extreme (40℃)		1850.514	1859.486	1850-1915	PASS
	Extreme (30℃)		1850.549	1859.451	1850-1915	PASS
	Extreme (20℃)		1850.502	1859.498	1850-1915	PASS
	Extreme (10℃)		1850.588	1859.412	1850-1915	PASS
	Extreme (0℃)		1850.588	1859.412	1850-1915	PASS
	Extreme (-10℃)		1850.577	1859.423	1850-1915	PASS
	Extreme (-20℃)		1850.556	1859.444	1850-1915	PASS
	Extreme (-30℃)		1850.548	1859.452	1850-1915	PASS
	25℃	LV	1850.534	1859.466	1850-1915	PASS
		HV	1850.518	1859.482	1850-1915	PASS
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1850.701	1864.299	1850-1915	PASS
	Extreme (40℃)		1850.766	1864.234	1850-1915	PASS
	Extreme (30℃)		1850.751	1864.249	1850-1915	PASS
	Extreme (20℃)		1850.702	1864.298	1850-1915	PASS
	Extreme (10℃)		1850.740	1864.260	1850-1915	PASS
	Extreme (0℃)		1850.771	1864.229	1850-1915	PASS
	Extreme (-10℃)		1850.773	1864.227	1850-1915	PASS
	Extreme (-20℃)		1850.726	1864.274	1850-1915	PASS
	Extreme (-30℃)		1850.742	1864.258	1850-1915	PASS
	25℃	LV	1850.722	1864.278	1850-1915	PASS
	HV	1850.712	1864.288	1850-1915	PASS	
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1851.005	1868.995	1850-1915	PASS
	Extreme (40℃)		1851.037	1868.963	1850-1915	PASS
	Extreme (30℃)		1851.040	1868.960	1850-1915	PASS
	Extreme (20℃)		1851.041	1868.959	1850-1915	PASS
	Extreme (10℃)		1851.010	1868.990	1850-1915	PASS
	Extreme (0℃)		1851.030	1868.970	1850-1915	PASS
	Extreme (-10℃)		1851.038	1868.962	1850-1915	PASS
	Extreme (-20℃)		1851.046	1868.954	1850-1915	PASS
	Extreme (-30℃)		1851.030	1868.970	1850-1915	PASS
	25℃	LV	1851.012	1868.988	1850-1915	PASS

		HV	1851.039	1868.961	1850-1915	PASS
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1912.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1910.215	1914.785	1850-1915	PASS
	Extreme (40°C)		1910.265	1914.735	1850-1915	PASS
	Extreme (30°C)		1910.205	1914.795	1850-1915	PASS
	Extreme (20°C)		1910.280	1914.720	1850-1915	PASS
	Extreme (10°C)		1910.258	1914.742	1850-1915	PASS
	Extreme (0°C)		1910.263	1914.737	1850-1915	PASS
	Extreme (-10°C)		1910.224	1914.776	1850-1915	PASS
	Extreme (-20°C)		1910.296	1914.704	1850-1915	PASS
	Extreme (-30°C)		1910.260	1914.740	1850-1915	PASS
	25°C	LV	1910.289	1914.711	1850-1915	PASS
		HV	1910.268	1914.732	1850-1915	PASS
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1905.356	1914.644	1850-1915	PASS
	Extreme (40°C)		1905.358	1914.642	1850-1915	PASS
	Extreme (30°C)		1905.351	1914.649	1850-1915	PASS
	Extreme (20°C)		1905.252	1914.748	1850-1915	PASS
	Extreme (10°C)		1905.390	1914.610	1850-1915	PASS
	Extreme (0°C)		1905.314	1914.686	1850-1915	PASS
	Extreme (-10°C)		1905.320	1914.680	1850-1915	PASS
	Extreme (-20°C)		1905.312	1914.688	1850-1915	PASS
	Extreme (-30°C)		1905.346	1914.654	1850-1915	PASS
	25°C	LV	1905.267	1914.733	1850-1915	PASS
		HV	1905.314	1914.686	1850-1915	PASS
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1900.377	1914.623	1850-1915	PASS
	Extreme (40°C)		1900.420	1914.580	1850-1915	PASS
	Extreme (30°C)		1900.386	1914.614	1850-1915	PASS

	Extreme (20°C)		1900.354	1914.646	1850-1915	PASS
	Extreme (10°C)		1900.396	1914.604	1850-1915	PASS
	Extreme (0°C)		1900.421	1914.579	1850-1915	PASS
	Extreme (-10°C)		1900.445	1914.555	1850-1915	PASS
	Extreme (-20°C)		1900.392	1914.608	1850-1915	PASS
	Extreme (-30°C)		1900.389	1914.611	1850-1915	PASS
	25°C	LV	1900.414	1914.586	1850-1915	PASS
		HV	1900.410	1914.590	1850-1915	PASS
NR N25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1896.006	1913.994	1850-1915	PASS
	Extreme (40°C)		1896.023	1913.977	1850-1915	PASS
	Extreme (30°C)		1896.030	1913.970	1850-1915	PASS
	Extreme (20°C)		1896.042	1913.958	1850-1915	PASS
	Extreme (10°C)		1896.020	1913.980	1850-1915	PASS
	Extreme (0°C)		1896.039	1913.961	1850-1915	PASS
	Extreme (-10°C)		1896.048	1913.952	1850-1915	PASS
	Extreme (-20°C)		1896.044	1913.956	1850-1915	PASS
	Extreme (-30°C)		1896.038	1913.962	1850-1915	PASS
	25°C	LV	1896.016	1913.984	1850-1915	PASS
		HV	1896.047	1913.953	1850-1915	PASS

N26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.91	0.02187	PASS
	Extreme (40°C)		17.41	0.02126	PASS
	Extreme (30°C)		13.15	0.01606	PASS
	Extreme (20°C)		17.51	0.02138	PASS
	Extreme (10°C)		16.98	0.02073	PASS
	Extreme (0°C)		16.13	0.01970	PASS
	Extreme (-10°C)		1.98	0.00242	PASS
	Extreme (-20°C)		3.82	0.00466	PASS
	Extreme (-30°C)		10.75	0.01313	PASS
	25°C	LV	2.52	0.00307	PASS
		HV	3.46	0.00422	PASS
N26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict

	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	13.18	0.01609	PASS
	Extreme (40°C)		14.23	0.01737	PASS
	Extreme (30°C)		14.69	0.01794	PASS
	Extreme (20°C)		1.74	0.00213	PASS
	Extreme (10°C)		15.69	0.01916	PASS
	Extreme (0°C)		17.36	0.02119	PASS
	Extreme (-10°C)		1.10	0.00134	PASS
	Extreme (-20°C)		4.41	0.00539	PASS
	Extreme (-30°C)		2.31	0.00282	PASS
	25°C	LV	14.81	0.01808	PASS
		HV	13.18	0.01609	PASS
N26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	17.86	0.02135	PASS
	Extreme (40°C)		5.04	0.00603	PASS
	Extreme (30°C)		16.80	0.02008	PASS
	Extreme (20°C)		16.47	0.01969	PASS
	Extreme (10°C)		17.94	0.02144	PASS
	Extreme (0°C)		14.69	0.01756	PASS
	Extreme (-10°C)		5.98	0.00715	PASS
	Extreme (-20°C)		15.57	0.01862	PASS
	Extreme (-30°C)		4.07	0.00487	PASS
	25°C	LV	16.85	0.02015	PASS
		HV	2.33	0.00278	PASS
N26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.13	0.01331	PASS
	Extreme (40°C)		5.20	0.00622	PASS
	Extreme (30°C)		5.27	0.00631	PASS
	Extreme (20°C)		2.50	0.00299	PASS
	Extreme (10°C)		8.80	0.01052	PASS
	Extreme (0°C)		7.99	0.00955	PASS
	Extreme (-10°C)		8.01	0.00958	PASS
	Extreme (-20°C)		10.11	0.01209	PASS
	Extreme (-30°C)		14.69	0.01757	PASS

	25°C	LV	10.90	0.01303	PASS
		HV	15.79	0.01888	PASS
N26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	4.66	0.00558	PASS
	Extreme (40°C)		17.76	0.02123	PASS
	Extreme (30°C)		13.95	0.01668	PASS
	Extreme (20°C)		17.61	0.02105	PASS
	Extreme (10°C)		1.74	0.00209	PASS
	Extreme (0°C)		14.15	0.01691	PASS
	Extreme (-10°C)		7.98	0.00954	PASS
	Extreme (-20°C)		4.61	0.00551	PASS
	Extreme (-30°C)		12.04	0.01439	PASS
	25°C	LV	7.36	0.00880	PASS
		HV	14.88	0.01779	PASS
N26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	20MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	15.14	0.01810	PASS
	Extreme (40°C)		10.07	0.01204	PASS
	Extreme (30°C)		3.37	0.00403	PASS
	Extreme (20°C)		12.14	0.01451	PASS
	Extreme (10°C)		4.97	0.00594	PASS
	Extreme (0°C)		10.63	0.01271	PASS
	Extreme (-10°C)		7.75	0.00927	PASS
	Extreme (-20°C)		6.81	0.00815	PASS
	Extreme (-30°C)		2.01	0.00240	PASS
	25°C	LV	10.35	0.01238	PASS
		HV	7.24	0.00865	PASS

NR N30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2307.5	BANDWIDTH	5MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2305.209	2309.791	2305-2315	PASS
	Extreme (40°C)		2305.262	2309.738	2305-2315	PASS
	Extreme (30°C)		2305.286	2309.714	2305-2315	PASS
	Extreme (20°C)		2305.251	2309.749	2305-2315	PASS

	Extreme (10°C)		2305.201	2309.799	2305-2315	PASS
	Extreme (0°C)		2305.278	2309.722	2305-2315	PASS
	Extreme (-10°C)		2305.279	2309.721	2305-2315	PASS
	Extreme (-20°C)		2305.284	2309.716	2305-2315	PASS
	Extreme (-30°C)		2305.260	2309.740	2305-2315	PASS
	25°C	LV	2305.203	2309.797	2305-2315	PASS
		HV	2305.258	2309.742	2305-2315	PASS
NR N30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2310	BANDWIDTH	10MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2305.578	2314.422	2305-2315	PASS
	Extreme (40°C)		2305.595	2314.405	2305-2315	PASS
	Extreme (30°C)		2305.510	2314.490	2305-2315	PASS
	Extreme (20°C)		2305.518	2314.482	2305-2315	PASS
	Extreme (10°C)		2305.549	2314.451	2305-2315	PASS
	Extreme (0°C)		2305.557	2314.443	2305-2315	PASS
	Extreme (-10°C)		2305.506	2314.494	2305-2315	PASS
	Extreme (-20°C)		2305.584	2314.416	2305-2315	PASS
	Extreme (-30°C)		2305.563	2314.437	2305-2315	PASS
	25°C	LV	2305.571	2314.429	2305-2315	PASS
		HV	2305.517	2314.483	2305-2315	PASS
NR N30 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2312.25	BANDWIDTH	5MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2309.983	2314.517	2305-2315	PASS
	Extreme (40°C)		2309.955	2314.545	2305-2315	PASS
	Extreme (30°C)		2310.015	2314.485	2305-2315	PASS
	Extreme (20°C)		2310.044	2314.456	2305-2315	PASS
	Extreme (10°C)		2310.030	2314.470	2305-2315	PASS
	Extreme (0°C)		2309.969	2314.531	2305-2315	PASS
	Extreme (-10°C)		2310.032	2314.468	2305-2315	PASS
	Extreme (-20°C)		2310.003	2314.497	2305-2315	PASS
	Extreme (-30°C)		2310.011	2314.489	2305-2315	PASS
	25°C	LV	2309.962	2314.538	2305-2315	PASS
		HV	2310.036	2314.464	2305-2315	PASS
NR N38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2580	BANDWIDTH		20MHz				
	Temperature		Voltage	DFT-QPSK			
	Extreme (50℃)		NV	2570.866	2589.134	2570-2620	PASS
	Extreme (40℃)			2570.844	2589.156	2570-2620	PASS
	Extreme (30℃)			2570.874	2589.126	2570-2620	PASS
	Extreme (20℃)			2570.869	2589.131	2570-2620	PASS
	Extreme (10℃)			2570.801	2589.199	2570-2620	PASS
	Extreme (0℃)			2570.873	2589.127	2570-2620	PASS
	Extreme (-10℃)			2570.848	2589.152	2570-2620	PASS
	Extreme (-20℃)			2570.855	2589.145	2570-2620	PASS
	Extreme (-30℃)			2570.837	2589.163	2570-2620	PASS
	25℃		LV	2570.884	2589.116	2570-2620	PASS
			HV	2570.808	2589.192	2570-2620	PASS
NR N38 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2585	BANDWIDTH	30MHz					
	Temperature	Voltage	DFT-QPSK				
	Extreme (50℃)		NV	2571.045	2598.955	2570-2620	PASS
	Extreme (40℃)			2571.043	2598.957	2570-2620	PASS
	Extreme (30℃)			2571.037	2598.963	2570-2620	PASS
	Extreme (20℃)			2571.028	2598.972	2570-2620	PASS
	Extreme (10℃)			2571.001	2598.999	2570-2620	PASS
	Extreme (0℃)			2571.019	2598.981	2570-2620	PASS
	Extreme (-10℃)			2571.016	2598.984	2570-2620	PASS
	Extreme (-20℃)			2571.017	2598.983	2570-2620	PASS
	Extreme (-30℃)			2571.047	2598.953	2570-2620	PASS
	25℃		LV	2571.023	2598.977	2570-2620	PASS
			HV	2571.046	2598.954	2570-2620	PASS
NR N38 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2590	BANDWIDTH	40MHz					
	Temperature	Voltage	DFT-QPSK				
	Extreme (50℃)		NV	2571.031	2608.969	2570-2620	PASS
	Extreme (40℃)			2571.071	2608.929	2570-2620	PASS
	Extreme (30℃)			2571.060	2608.940	2570-2620	PASS
	Extreme (20℃)			2571.096	2608.904	2570-2620	PASS
	Extreme (10℃)			2571.048	2608.952	2570-2620	PASS
	Extreme (0℃)			2571.066	2608.934	2570-2620	PASS
	Extreme (-10℃)			2571.046	2608.954	2570-2620	PASS

	Extreme (-20°C)		2571.092	2608.908	2570-2620	PASS
	Extreme (-30°C)		2571.018	2608.982	2570-2620	PASS
	25°C	LV	2571.068	2608.932	2570-2620	PASS
		HV	2571.014	2608.986	2570-2620	PASS
NR N38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2600.895	2619.105	2570-2620	PASS
	Extreme (40°C)		2600.846	2619.154	2570-2620	PASS
	Extreme (30°C)		2600.842	2619.158	2570-2620	PASS
	Extreme (20°C)		2600.868	2619.132	2570-2620	PASS
	Extreme (10°C)		2600.848	2619.152	2570-2620	PASS
	Extreme (0°C)		2600.830	2619.170	2570-2620	PASS
	Extreme (-10°C)		2600.805	2619.195	2570-2620	PASS
	Extreme (-20°C)		2600.830	2619.170	2570-2620	PASS
	Extreme (-30°C)		2600.841	2619.159	2570-2620	PASS
	25°C	LV	2600.867	2619.133	2570-2620	PASS
		HV	2600.813	2619.187	2570-2620	PASS
NR N38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2605	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2591.016	2618.984	2570-2620	PASS
	Extreme (40°C)		2591.017	2618.983	2570-2620	PASS
	Extreme (30°C)		2591.013	2618.987	2570-2620	PASS
	Extreme (20°C)		2591.046	2618.954	2570-2620	PASS
	Extreme (10°C)		2591.047	2618.953	2570-2620	PASS
	Extreme (0°C)		2591.011	2618.989	2570-2620	PASS
	Extreme (-10°C)		2591.001	2618.999	2570-2620	PASS
	Extreme (-20°C)		2591.013	2618.987	2570-2620	PASS
	Extreme (-30°C)		2591.018	2618.982	2570-2620	PASS
	25°C	LV	2591.040	2618.960	2570-2620	PASS
		HV	2591.000	2619.000	2570-2620	PASS
NR N38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2600	BANDWIDTH	40MHz				
	Temperature	Voltage	DFT-QPSK			

	Extreme (50°C)	NV	2581.071	2618.929	2570-2620	PASS
	Extreme (40°C)		2581.099	2618.901	2570-2620	PASS
	Extreme (30°C)		2581.087	2618.913	2570-2620	PASS
	Extreme (20°C)		2581.083	2618.917	2570-2620	PASS
	Extreme (10°C)		2581.004	2618.996	2570-2620	PASS
	Extreme (0°C)		2581.063	2618.937	2570-2620	PASS
	Extreme (-10°C)		2581.072	2618.928	2570-2620	PASS
	Extreme (-20°C)		2581.053	2618.947	2570-2620	PASS
	Extreme (-30°C)		2581.037	2618.963	2570-2620	PASS
	25°C	LV	2581.036	2618.964	2570-2620	PASS
		HV	2581.083	2618.917	2570-2620	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2506	BANDWIDTH	20MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2496.814	2515.186	2496-2690	PASS
	Extreme (40°C)		2496.814	2515.186	2496-2690	PASS
	Extreme (30°C)		2496.838	2515.162	2496-2690	PASS
	Extreme (20°C)		2496.871	2515.129	2496-2690	PASS
	Extreme (10°C)		2496.885	2515.115	2496-2690	PASS
	Extreme (0°C)		2496.899	2515.101	2496-2690	PASS
	Extreme (-10°C)		2496.829	2515.171	2496-2690	PASS
	Extreme (-20°C)		2496.866	2515.134	2496-2690	PASS
	Extreme (-30°C)		2496.887	2515.113	2496-2690	PASS
	25°C	LV	2496.878	2515.122	2496-2690	PASS
		HV	2496.804	2515.196	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2511	BANDWIDTH	30MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.000	2525.000	2496-2690	PASS
	Extreme (40°C)		2497.012	2524.988	2496-2690	PASS
	Extreme (30°C)		2497.044	2524.956	2496-2690	PASS
	Extreme (20°C)		2497.026	2524.974	2496-2690	PASS
	Extreme (10°C)		2497.028	2524.972	2496-2690	PASS
	Extreme (0°C)		2497.029	2524.971	2496-2690	PASS
	Extreme (-10°C)		2497.029	2524.971	2496-2690	PASS
	Extreme (-20°C)		2497.016	2524.984	2496-2690	PASS
	Extreme (-30°C)		2497.048	2524.952	2496-2690	PASS
	25°C	LV	2497.020	2524.980	2496-2690	PASS

		HV	2497.010	2524.990	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2516	BANDWIDTH	40MHz	DFT-QPSK	DFT-QPSK	2496-2690	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2498.086	2533.914	2496-2690	PASS
	Extreme (40°C)		2498.075	2533.925	2496-2690	PASS
	Extreme (30°C)		2498.044	2533.956	2496-2690	PASS
	Extreme (20°C)		2498.095	2533.905	2496-2690	PASS
	Extreme (10°C)		2498.047	2533.953	2496-2690	PASS
	Extreme (0°C)		2498.043	2533.957	2496-2690	PASS
	Extreme (-10°C)		2498.000	2534.000	2496-2690	PASS
	Extreme (-20°C)		2498.001	2533.999	2496-2690	PASS
	Extreme (-30°C)		2498.070	2533.930	2496-2690	PASS
	25°C	LV	2498.077	2533.923	2496-2690	PASS
		HV	2498.042	2533.958	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2521	BANDWIDTH	50MHz	DFT-QPSK	DFT-QPSK	2496-2690	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.278	2544.722	2496-2690	PASS
	Extreme (40°C)		2497.299	2544.701	2496-2690	PASS
	Extreme (30°C)		2497.257	2544.743	2496-2690	PASS
	Extreme (20°C)		2497.281	2544.719	2496-2690	PASS
	Extreme (10°C)		2497.297	2544.703	2496-2690	PASS
	Extreme (0°C)		2497.280	2544.720	2496-2690	PASS
	Extreme (-10°C)		2497.296	2544.704	2496-2690	PASS
	Extreme (-20°C)		2497.277	2544.723	2496-2690	PASS
	Extreme (-30°C)		2497.289	2544.711	2496-2690	PASS
	25°C	LV	2497.269	2544.731	2496-2690	PASS
		HV	2497.272	2544.728	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2526	BANDWIDTH	60MHz	DFT-QPSK	DFT-QPSK	2496-2690	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.024	2554.976	2496-2690	PASS
	Extreme (40°C)		2497.018	2554.982	2496-2690	PASS
	Extreme (30°C)		2497.023	2554.977	2496-2690	PASS

	Extreme (20°C)		2497.010	2554.990	2496-2690	PASS
	Extreme (10°C)		2497.003	2554.997	2496-2690	PASS
	Extreme (0°C)		2497.029	2554.971	2496-2690	PASS
	Extreme (-10°C)		2497.036	2554.964	2496-2690	PASS
	Extreme (-20°C)		2497.016	2554.984	2496-2690	PASS
	Extreme (-30°C)		2497.037	2554.963	2496-2690	PASS
	25°C	LV	2497.016	2554.984	2496-2690	PASS
		HV	2497.018	2554.982	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2536	BANDWIDTH	80MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.232	2574.768	2496-2690	PASS
	Extreme (40°C)		2497.226	2574.774	2496-2690	PASS
	Extreme (30°C)		2497.232	2574.768	2496-2690	PASS
	Extreme (20°C)		2497.240	2574.760	2496-2690	PASS
	Extreme (10°C)		2497.239	2574.761	2496-2690	PASS
	Extreme (0°C)		2497.207	2574.793	2496-2690	PASS
	Extreme (-10°C)		2497.160	2574.840	2496-2690	PASS
	Extreme (-20°C)		2497.195	2574.805	2496-2690	PASS
	Extreme (-30°C)		2497.224	2574.776	2496-2690	PASS
	25°C	LV	2497.190	2574.810	2496-2690	PASS
		HV	2497.152	2574.848	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2541	BANDWIDTH	90MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.183	2584.817	2496-2690	PASS
	Extreme (40°C)		2497.152	2584.848	2496-2690	PASS
	Extreme (30°C)		2497.158	2584.842	2496-2690	PASS
	Extreme (20°C)		2497.149	2584.851	2496-2690	PASS
	Extreme (10°C)		2497.106	2584.894	2496-2690	PASS
	Extreme (0°C)		2497.172	2584.828	2496-2690	PASS
	Extreme (-10°C)		2497.102	2584.898	2496-2690	PASS
	Extreme (-20°C)		2497.118	2584.882	2496-2690	PASS
	Extreme (-30°C)		2497.131	2584.869	2496-2690	PASS
	25°C	LV	2497.128	2584.872	2496-2690	PASS
		HV	2497.187	2584.813	2496-2690	PASS
NR N41	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
2546	BANDWIDTH	100MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2497.112	2594.888	2496-2690	PASS
	Extreme (40℃)		2497.141	2594.859	2496-2690	PASS
	Extreme (30℃)		2497.130	2594.870	2496-2690	PASS
	Extreme (20℃)		2497.133	2594.867	2496-2690	PASS
	Extreme (10℃)		2497.103	2594.897	2496-2690	PASS
	Extreme (0℃)		2497.116	2594.884	2496-2690	PASS
	Extreme (-10℃)		2497.101	2594.899	2496-2690	PASS
	Extreme (-20℃)		2497.127	2594.873	2496-2690	PASS
	Extreme (-30℃)		2497.117	2594.883	2496-2690	PASS
	25℃	LV	2497.137	2594.863	2496-2690	PASS
HV		2497.112	2594.888	2496-2690	PASS	
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2680	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2670.854	2689.146	2496-2690	PASS
	Extreme (40℃)		2670.835	2689.165	2496-2690	PASS
	Extreme (30℃)		2670.830	2689.170	2496-2690	PASS
	Extreme (20℃)		2670.882	2689.118	2496-2690	PASS
	Extreme (10℃)		2670.814	2689.186	2496-2690	PASS
	Extreme (0℃)		2670.811	2689.189	2496-2690	PASS
	Extreme (-10℃)		2670.824	2689.176	2496-2690	PASS
	Extreme (-20℃)		2670.851	2689.149	2496-2690	PASS
	Extreme (-30℃)		2670.822	2689.178	2496-2690	PASS
	25℃	LV	2670.872	2689.128	2496-2690	PASS
HV		2670.867	2689.133	2496-2690	PASS	
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2675	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2661.048	2688.952	2496-2690	PASS
	Extreme (40℃)		2661.013	2688.987	2496-2690	PASS
	Extreme (30℃)		2661.002	2688.998	2496-2690	PASS
	Extreme (20℃)		2661.047	2688.953	2496-2690	PASS
	Extreme (10℃)		2661.040	2688.960	2496-2690	PASS
	Extreme (0℃)		2661.017	2688.983	2496-2690	PASS

	Extreme (-10℃)		2661.027	2688.973	2496-2690	PASS
	Extreme (-20℃)		2661.004	2688.996	2496-2690	PASS
	Extreme (-30℃)		2661.001	2688.999	2496-2690	PASS
	25℃	LV	2661.043	2688.957	2496-2690	PASS
HV		2661.036	2688.964	2496-2690	PASS	
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2670	BANDWIDTH	40MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2652.040	2687.960	2496-2690	PASS
	Extreme (40℃)		2652.049	2687.951	2496-2690	PASS
	Extreme (30℃)		2652.017	2687.983	2496-2690	PASS
	Extreme (20℃)		2652.040	2687.960	2496-2690	PASS
	Extreme (10℃)		2652.033	2687.967	2496-2690	PASS
	Extreme (0℃)		2652.055	2687.945	2496-2690	PASS
	Extreme (-10℃)		2652.065	2687.935	2496-2690	PASS
	Extreme (-20℃)		2652.024	2687.976	2496-2690	PASS
	Extreme (-30℃)		2652.070	2687.930	2496-2690	PASS
	25℃	LV	2652.008	2687.992	2496-2690	PASS
		HV	2652.022	2687.978	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2665	BANDWIDTH	50MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2641.276	2688.724	2496-2690	PASS
	Extreme (40℃)		2641.274	2688.726	2496-2690	PASS
	Extreme (30℃)		2641.282	2688.718	2496-2690	PASS
	Extreme (20℃)		2641.292	2688.708	2496-2690	PASS
	Extreme (10℃)		2641.285	2688.715	2496-2690	PASS
	Extreme (0℃)		2641.287	2688.713	2496-2690	PASS
	Extreme (-10℃)		2641.257	2688.743	2496-2690	PASS
	Extreme (-20℃)		2641.286	2688.714	2496-2690	PASS
	Extreme (-30℃)		2641.287	2688.713	2496-2690	PASS
	25℃	LV	2641.294	2688.706	2496-2690	PASS
		HV	2641.262	2688.738	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2660	BANDWIDTH	60MHz				

	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2631.026	2688.974	2496-2690	PASS
	Extreme (40°C)		2631.023	2688.977	2496-2690	PASS
	Extreme (30°C)		2631.046	2688.954	2496-2690	PASS
	Extreme (20°C)		2631.009	2688.991	2496-2690	PASS
	Extreme (10°C)		2631.005	2688.995	2496-2690	PASS
	Extreme (0°C)		2631.023	2688.977	2496-2690	PASS
	Extreme (-10°C)		2631.015	2688.985	2496-2690	PASS
	Extreme (-20°C)		2631.042	2688.958	2496-2690	PASS
	Extreme (-30°C)		2631.002	2688.998	2496-2690	PASS
	25°C	LV	2631.044	2688.956	2496-2690	PASS
		HV	2631.032	2688.968	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2650	BANDWIDTH	80MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2611.216	2688.784	2496-2690	PASS
	Extreme (40°C)		2611.193	2688.807	2496-2690	PASS
	Extreme (30°C)		2611.227	2688.773	2496-2690	PASS
	Extreme (20°C)		2611.154	2688.846	2496-2690	PASS
	Extreme (10°C)		2611.157	2688.843	2496-2690	PASS
	Extreme (0°C)		2611.244	2688.756	2496-2690	PASS
	Extreme (-10°C)		2611.174	2688.826	2496-2690	PASS
	Extreme (-20°C)		2611.209	2688.791	2496-2690	PASS
	Extreme (-30°C)		2611.249	2688.751	2496-2690	PASS
	25°C	LV	2611.235	2688.765	2496-2690	PASS
HV		2611.243	2688.757	2496-2690	PASS	
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2645	BANDWIDTH	90MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2601.187	2688.813	2496-2690	PASS
	Extreme (40°C)		2601.129	2688.871	2496-2690	PASS
	Extreme (30°C)		2601.195	2688.805	2496-2690	PASS
	Extreme (20°C)		2601.154	2688.846	2496-2690	PASS
	Extreme (10°C)		2601.158	2688.842	2496-2690	PASS
	Extreme (0°C)		2601.199	2688.801	2496-2690	PASS
	Extreme (-10°C)		2601.193	2688.807	2496-2690	PASS
	Extreme (-20°C)		2601.174	2688.826	2496-2690	PASS
	Extreme (-30°C)		2601.199	2688.801	2496-2690	PASS

	25°C	LV	2601.110	2688.890	2496-2690	PASS
		HV	2601.190	2688.810	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2640	BANDWIDTH	100MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2591.147	2688.853	2496-2690	PASS
	Extreme (40°C)		2591.146	2688.854	2496-2690	PASS
	Extreme (30°C)		2591.147	2688.853	2496-2690	PASS
	Extreme (20°C)		2591.128	2688.872	2496-2690	PASS
	Extreme (10°C)		2591.119	2688.881	2496-2690	PASS
	Extreme (0°C)		2591.117	2688.883	2496-2690	PASS
	Extreme (-10°C)		2591.114	2688.886	2496-2690	PASS
	Extreme (-20°C)		2591.118	2688.882	2496-2690	PASS
	Extreme (-30°C)		2591.107	2688.893	2496-2690	PASS
	25°C	LV	2591.129	2688.871	2496-2690	PASS
		HV	2591.123	2688.877	2496-2690	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	1710.235	1714.765	1710-1780	PASS
	Extreme (40°C)		1710.277	1714.723	1710-1780	PASS
	Extreme (30°C)		1710.248	1714.752	1710-1780	PASS
	Extreme (20°C)		1710.242	1714.758	1710-1780	PASS
	Extreme (10°C)		1710.278	1714.722	1710-1780	PASS
	Extreme (0°C)		1710.223	1714.777	1710-1780	PASS
	Extreme (-10°C)		1710.217	1714.783	1710-1780	PASS
	Extreme (-20°C)		1710.217	1714.783	1710-1780	PASS
	Extreme (-30°C)		1710.248	1714.752	1710-1780	PASS
	25°C	LV	1710.280	1714.720	1710-1780	PASS
		HV	1710.230	1714.770	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	1710.657	1719.343	1710-1780	PASS
	Extreme (40°C)		1710.655	1719.345	1710-1780	PASS

	Extreme (30°C)		1710.625	1719.375	1710-1780	PASS
	Extreme (20°C)		1710.633	1719.367	1710-1780	PASS
	Extreme (10°C)		1710.628	1719.372	1710-1780	PASS
	Extreme (0°C)		1710.628	1719.372	1710-1780	PASS
	Extreme (-10°C)		1710.643	1719.357	1710-1780	PASS
	Extreme (-20°C)		1710.623	1719.377	1710-1780	PASS
	Extreme (-30°C)		1710.603	1719.397	1710-1780	PASS
	25°C	LV	1710.613	1719.387	1710-1780	PASS
		HV	1710.618	1719.382	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.646	1724.354	1710-1780	PASS
	Extreme (40°C)		1710.612	1724.388	1710-1780	PASS
	Extreme (30°C)		1710.676	1724.324	1710-1780	PASS
	Extreme (20°C)		1710.671	1724.329	1710-1780	PASS
	Extreme (10°C)		1710.690	1724.310	1710-1780	PASS
	Extreme (0°C)		1710.649	1724.351	1710-1780	PASS
	Extreme (-10°C)		1710.600	1724.400	1710-1780	PASS
	Extreme (-20°C)		1710.681	1724.319	1710-1780	PASS
	Extreme (-30°C)		1710.660	1724.340	1710-1780	PASS
	25°C	LV	1710.688	1724.312	1710-1780	PASS
		HV	1710.685	1724.315	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.867	1729.133	1710-1780	PASS
	Extreme (40°C)		1710.830	1729.170	1710-1780	PASS
	Extreme (30°C)		1710.894	1729.106	1710-1780	PASS
	Extreme (20°C)		1710.899	1729.101	1710-1780	PASS
	Extreme (10°C)		1710.845	1729.155	1710-1780	PASS
	Extreme (0°C)		1710.860	1729.140	1710-1780	PASS
	Extreme (-10°C)		1710.862	1729.138	1710-1780	PASS
	Extreme (-20°C)		1710.802	1729.198	1710-1780	PASS
	Extreme (-30°C)		1710.840	1729.160	1710-1780	PASS
	25°C	LV	1710.826	1729.174	1710-1780	PASS
		HV	1710.856	1729.144	1710-1780	PASS

NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1777.5	BANDWIDTH	5MHz	DFT-QPSK	DFT-QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1775.210	1779.790	1710-1780	PASS
	Extreme (40°C)		1775.237	1779.763	1710-1780	PASS
	Extreme (30°C)		1775.230	1779.770	1710-1780	PASS
	Extreme (20°C)		1775.241	1779.759	1710-1780	PASS
	Extreme (10°C)		1775.253	1779.747	1710-1780	PASS
	Extreme (0°C)		1775.225	1779.775	1710-1780	PASS
	Extreme (-10°C)		1775.285	1779.715	1710-1780	PASS
	Extreme (-20°C)		1775.300	1779.700	1710-1780	PASS
	Extreme (-30°C)		1775.222	1779.778	1710-1780	PASS
	25°C	LV	1775.216	1779.784	1710-1780	PASS
		HV	1775.249	1779.751	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	BANDWIDTH	10MHz	DFT-QPSK	DFT-QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1770.674	1779.326	1710-1780	PASS
	Extreme (40°C)		1770.639	1779.361	1710-1780	PASS
	Extreme (30°C)		1770.669	1779.331	1710-1780	PASS
	Extreme (20°C)		1770.662	1779.338	1710-1780	PASS
	Extreme (10°C)		1770.612	1779.388	1710-1780	PASS
	Extreme (0°C)		1770.694	1779.306	1710-1780	PASS
	Extreme (-10°C)		1770.696	1779.304	1710-1780	PASS
	Extreme (-20°C)		1770.667	1779.333	1710-1780	PASS
	Extreme (-30°C)		1770.649	1779.351	1710-1780	PASS
	25°C	LV	1770.620	1779.380	1710-1780	PASS
		HV	1770.670	1779.330	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz	DFT-QPSK	DFT-QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1765.621	1779.379	1710-1780	PASS
	Extreme (40°C)		1765.614	1779.386	1710-1780	PASS
	Extreme (30°C)		1765.613	1779.387	1710-1780	PASS
	Extreme (20°C)		1765.696	1779.304	1710-1780	PASS
	Extreme (10°C)		1765.609	1779.391	1710-1780	PASS

	Extreme (0°C)		1765.607	1779.393	1710-1780	PASS
	Extreme (-10°C)		1765.616	1779.384	1710-1780	PASS
	Extreme (-20°C)		1765.694	1779.306	1710-1780	PASS
	Extreme (-30°C)		1765.657	1779.343	1710-1780	PASS
	25°C	LV	1765.655	1779.345	1710-1780	PASS
		HV	1765.687	1779.313	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1770	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	1760.829	1779.171	1710-1780	PASS
	Extreme (40°C)		1760.848	1779.152	1710-1780	PASS
	Extreme (30°C)		1760.896	1779.104	1710-1780	PASS
	Extreme (20°C)		1760.893	1779.107	1710-1780	PASS
	Extreme (10°C)		1760.887	1779.113	1710-1780	PASS
	Extreme (0°C)		1760.822	1779.178	1710-1780	PASS
	Extreme (-10°C)		1760.862	1779.138	1710-1780	PASS
	Extreme (-20°C)		1760.842	1779.158	1710-1780	PASS
	Extreme (-30°C)		1760.800	1779.200	1710-1780	PASS
	25°C	LV	1760.818	1779.182	1710-1780	PASS
		HV	1760.842	1779.158	1710-1780	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3460	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3450.855	3469.145	3450-3550	PASS
	Extreme (40°C)		3450.899	3469.101	3450-3550	PASS
	Extreme (30°C)		3450.847	3469.153	3450-3550	PASS
	Extreme (20°C)		3450.844	3469.156	3450-3550	PASS
	Extreme (10°C)		3450.861	3469.139	3450-3550	PASS
	Extreme (0°C)		3450.857	3469.143	3450-3550	PASS
	Extreme (-10°C)		3450.874	3469.126	3450-3550	PASS
	Extreme (-20°C)		3450.864	3469.136	3450-3550	PASS
	Extreme (-30°C)		3450.885	3469.115	3450-3550	PASS
	25°C	LV	3450.829	3469.171	3450-3550	PASS
		HV	3450.811	3469.189	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

3465	BANDWIDTH		30MHz				
	Temperature		Voltage	DFT-QPSK			
	Extreme (50℃)		NV	3451.005	3478.995	3450-3550	PASS
	Extreme (40℃)			3451.017	3478.983	3450-3550	PASS
	Extreme (30℃)			3451.049	3478.951	3450-3550	PASS
	Extreme (20℃)			3451.017	3478.983	3450-3550	PASS
	Extreme (10℃)			3451.048	3478.952	3450-3550	PASS
	Extreme (0℃)			3451.007	3478.993	3450-3550	PASS
	Extreme (-10℃)			3451.043	3478.957	3450-3550	PASS
	Extreme (-20℃)			3451.015	3478.985	3450-3550	PASS
	Extreme (-30℃)			3451.032	3478.968	3450-3550	PASS
	25℃		LV	3451.021	3478.979	3450-3550	PASS
			HV	3451.040	3478.960	3450-3550	PASS
NR N77 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3470	BANDWIDTH	40MHz					
	Temperature	Voltage	DFT-QPSK				
	Extreme (50℃)		NV	3452.048	3487.952	3450-3550	PASS
	Extreme (40℃)			3452.008	3487.992	3450-3550	PASS
	Extreme (30℃)			3452.040	3487.960	3450-3550	PASS
	Extreme (20℃)			3452.092	3487.908	3450-3550	PASS
	Extreme (10℃)			3452.032	3487.968	3450-3550	PASS
	Extreme (0℃)			3452.081	3487.919	3450-3550	PASS
	Extreme (-10℃)			3452.067	3487.933	3450-3550	PASS
	Extreme (-20℃)			3452.053	3487.947	3450-3550	PASS
	Extreme (-30℃)			3452.030	3487.970	3450-3550	PASS
	25℃		LV	3452.085	3487.915	3450-3550	PASS
			HV	3452.044	3487.956	3450-3550	PASS
NR N77 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3480	BANDWIDTH	60MHz					
	Temperature	Voltage	DFT-QPSK				
	Extreme (50℃)		NV	3451.017	3508.983	3450-3550	PASS
	Extreme (40℃)			3451.021	3508.979	3450-3550	PASS
	Extreme (30℃)			3451.026	3508.974	3450-3550	PASS
	Extreme (20℃)			3451.009	3508.991	3450-3550	PASS
	Extreme (10℃)			3451.019	3508.981	3450-3550	PASS
	Extreme (0℃)			3451.039	3508.961	3450-3550	PASS
	Extreme (-10℃)			3451.010	3508.990	3450-3550	PASS

	Extreme (-20°C)		3451.001	3508.999	3450-3550	PASS
	Extreme (-30°C)		3451.043	3508.957	3450-3550	PASS
	25°C	LV	3451.015	3508.985	3450-3550	PASS
		HV	3451.014	3508.986	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3490	BANDWIDTH	80MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3451.151	3528.849	3450-3550	PASS
	Extreme (40°C)		3451.200	3528.800	3450-3550	PASS
	Extreme (30°C)		3451.184	3528.816	3450-3550	PASS
	Extreme (20°C)		3451.229	3528.771	3450-3550	PASS
	Extreme (10°C)		3451.210	3528.790	3450-3550	PASS
	Extreme (0°C)		3451.202	3528.798	3450-3550	PASS
	Extreme (-10°C)		3451.159	3528.841	3450-3550	PASS
	Extreme (-20°C)		3451.187	3528.813	3450-3550	PASS
	Extreme (-30°C)		3451.187	3528.813	3450-3550	PASS
	25°C	LV	3451.186	3528.814	3450-3550	PASS
		HV	3451.152	3528.848	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3500	BANDWIDTH	100MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3451.114	3548.886	3450-3550	PASS
	Extreme (40°C)		3451.103	3548.897	3450-3550	PASS
	Extreme (30°C)		3451.145	3548.855	3450-3550	PASS
	Extreme (20°C)		3451.150	3548.850	3450-3550	PASS
	Extreme (10°C)		3451.130	3548.870	3450-3550	PASS
	Extreme (0°C)		3451.101	3548.899	3450-3550	PASS
	Extreme (-10°C)		3451.139	3548.861	3450-3550	PASS
	Extreme (-20°C)		3451.104	3548.896	3450-3550	PASS
	Extreme (-30°C)		3451.103	3548.897	3450-3550	PASS
	25°C	LV	3451.103	3548.897	3450-3550	PASS
		HV	3451.122	3548.878	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3540	BANDWIDTH	20MHz				
	Temperature	Voltage				

	Extreme (50°C)	NV	3530.877	3549.123	3450-3550	PASS
	Extreme (40°C)		3530.832	3549.168	3450-3550	PASS
	Extreme (30°C)		3530.822	3549.178	3450-3550	PASS
	Extreme (20°C)		3530.880	3549.120	3450-3550	PASS
	Extreme (10°C)		3530.807	3549.193	3450-3550	PASS
	Extreme (0°C)		3530.803	3549.197	3450-3550	PASS
	Extreme (-10°C)		3530.802	3549.198	3450-3550	PASS
	Extreme (-20°C)		3530.898	3549.102	3450-3550	PASS
	Extreme (-30°C)		3530.833	3549.167	3450-3550	PASS
	25°C	LV	3530.821	3549.179	3450-3550	PASS
		HV	3530.815	3549.185	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3535	BANDWIDTH	30MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3521.004	3548.996	3450-3550	PASS
	Extreme (40°C)		3521.044	3548.956	3450-3550	PASS
	Extreme (30°C)		3521.042	3548.958	3450-3550	PASS
	Extreme (20°C)		3521.002	3548.998	3450-3550	PASS
	Extreme (10°C)		3521.033	3548.967	3450-3550	PASS
	Extreme (0°C)		3521.023	3548.977	3450-3550	PASS
	Extreme (-10°C)		3521.029	3548.971	3450-3550	PASS
	Extreme (-20°C)		3521.004	3548.996	3450-3550	PASS
	Extreme (-30°C)		3521.003	3548.997	3450-3550	PASS
	25°C	LV	3521.048	3548.952	3450-3550	PASS
		HV	3521.009	3548.991	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3530	BANDWIDTH	40MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3512.079	3547.921	3450-3550	PASS
	Extreme (40°C)		3512.069	3547.931	3450-3550	PASS
	Extreme (30°C)		3512.027	3547.973	3450-3550	PASS
	Extreme (20°C)		3512.069	3547.931	3450-3550	PASS
	Extreme (10°C)		3512.016	3547.984	3450-3550	PASS
	Extreme (0°C)		3512.072	3547.928	3450-3550	PASS
	Extreme (-10°C)		3512.009	3547.991	3450-3550	PASS
	Extreme (-20°C)		3512.054	3547.946	3450-3550	PASS
	Extreme (-30°C)		3512.100	3547.900	3450-3550	PASS
	25°C	LV	3512.021	3547.979	3450-3550	PASS

		HV	3512.098	3547.902	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3520	BANDWIDTH	60MHz	DFT-QPSK	DFT-QPSK	3450-3550	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	3491.027	3548.973	3450-3550	PASS
	Extreme (40°C)		3491.035	3548.965	3450-3550	PASS
	Extreme (30°C)		3491.033	3548.967	3450-3550	PASS
	Extreme (20°C)		3491.024	3548.976	3450-3550	PASS
	Extreme (10°C)		3491.003	3548.997	3450-3550	PASS
	Extreme (0°C)		3491.032	3548.968	3450-3550	PASS
	Extreme (-10°C)		3491.009	3548.991	3450-3550	PASS
	Extreme (-20°C)		3491.025	3548.975	3450-3550	PASS
	Extreme (-30°C)		3491.020	3548.980	3450-3550	PASS
	25°C	LV	3491.037	3548.963	3450-3550	PASS
		HV	3491.001	3548.999	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3510	BANDWIDTH	80MHz	DFT-QPSK	DFT-QPSK	3450-3550	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	3471.235	3548.765	3450-3550	PASS
	Extreme (40°C)		3471.167	3548.833	3450-3550	PASS
	Extreme (30°C)		3471.234	3548.766	3450-3550	PASS
	Extreme (20°C)		3471.232	3548.768	3450-3550	PASS
	Extreme (10°C)		3471.192	3548.808	3450-3550	PASS
	Extreme (0°C)		3471.217	3548.783	3450-3550	PASS
	Extreme (-10°C)		3471.208	3548.792	3450-3550	PASS
	Extreme (-20°C)		3471.229	3548.771	3450-3550	PASS
	Extreme (-30°C)		3471.177	3548.823	3450-3550	PASS
	25°C	LV	3471.171	3548.829	3450-3550	PASS
		HV	3471.185	3548.815	3450-3550	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3710	BANDWIDTH	20MHz	DFT-QPSK	DFT-QPSK	3700-3980	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	3700.986	3719.014	3700-3980	PASS
	Extreme (40°C)		3700.991	3719.009	3700-3980	PASS
	Extreme (30°C)		3700.978	3719.022	3700-3980	PASS

	Extreme (20°C)		3700.966	3719.034	3700-3980	PASS
	Extreme (10°C)		3701.006	3718.994	3700-3980	PASS
	Extreme (0°C)		3700.978	3719.022	3700-3980	PASS
	Extreme (-10°C)		3700.983	3719.017	3700-3980	PASS
	Extreme (-20°C)		3700.977	3719.023	3700-3980	PASS
	Extreme (-30°C)		3700.999	3719.001	3700-3980	PASS
	25°C	LV	3700.993	3719.007	3700-3980	PASS
		HV	3700.984	3719.016	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3715	BANDWIDTH	30MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3701.493	3728.507	3700-3980	PASS
	Extreme (40°C)		3701.456	3728.544	3700-3980	PASS
	Extreme (30°C)		3701.485	3728.515	3700-3980	PASS
	Extreme (20°C)		3701.472	3728.528	3700-3980	PASS
	Extreme (10°C)		3701.499	3728.501	3700-3980	PASS
	Extreme (0°C)		3701.483	3728.517	3700-3980	PASS
	Extreme (-10°C)		3701.489	3728.511	3700-3980	PASS
	Extreme (-20°C)		3701.475	3728.525	3700-3980	PASS
	Extreme (-30°C)		3701.496	3728.504	3700-3980	PASS
	25°C	LV	3701.471	3728.529	3700-3980	PASS
		HV	3701.511	3728.489	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3720	BANDWIDTH	40MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3702.047	3737.953	3700-3980	PASS
	Extreme (40°C)		3702.091	3737.909	3700-3980	PASS
	Extreme (30°C)		3702.038	3737.962	3700-3980	PASS
	Extreme (20°C)		3702.041	3737.959	3700-3980	PASS
	Extreme (10°C)		3702.086	3737.914	3700-3980	PASS
	Extreme (0°C)		3702.026	3737.974	3700-3980	PASS
	Extreme (-10°C)		3702.001	3737.999	3700-3980	PASS
	Extreme (-20°C)		3702.017	3737.983	3700-3980	PASS
	Extreme (-30°C)		3702.075	3737.925	3700-3980	PASS
	25°C	LV	3702.001	3737.999	3700-3980	PASS
		HV	3702.036	3737.964	3700-3980	PASS
NR N77	Condition		F Low	F High	Limit	Verdict

Fc(MHz)			(MHz)	(MHz)	(MHz)	
3730	BANDWIDTH	60MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3700.994	3759.006	3700-3980	PASS
	Extreme (40°C)		3700.965	3759.035	3700-3980	PASS
	Extreme (30°C)		3700.970	3759.030	3700-3980	PASS
	Extreme (20°C)		3700.980	3759.020	3700-3980	PASS
	Extreme (10°C)		3700.985	3759.015	3700-3980	PASS
	Extreme (0°C)		3700.973	3759.027	3700-3980	PASS
	Extreme (-10°C)		3700.990	3759.010	3700-3980	PASS
	Extreme (-20°C)		3701.025	3758.975	3700-3980	PASS
	Extreme (-30°C)		3701.002	3758.998	3700-3980	PASS
	25°C	LV	3700.972	3759.028	3700-3980	PASS
		HV	3700.994	3759.006	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3740	BANDWIDTH	80MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3701.449	3778.551	3700-3980	PASS
	Extreme (40°C)		3701.449	3778.551	3700-3980	PASS
	Extreme (30°C)		3701.436	3778.564	3700-3980	PASS
	Extreme (20°C)		3701.351	3778.649	3700-3980	PASS
	Extreme (10°C)		3701.424	3778.576	3700-3980	PASS
	Extreme (0°C)		3701.426	3778.574	3700-3980	PASS
	Extreme (-10°C)		3701.430	3778.570	3700-3980	PASS
	Extreme (-20°C)		3701.402	3778.598	3700-3980	PASS
	Extreme (-30°C)		3701.382	3778.618	3700-3980	PASS
	25°C	LV	3701.387	3778.613	3700-3980	PASS
		HV	3701.403	3778.597	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3750	BANDWIDTH	100MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3701.609	3798.391	3700-3980	PASS
	Extreme (40°C)		3701.628	3798.372	3700-3980	PASS
	Extreme (30°C)		3701.816	3798.184	3700-3980	PASS
	Extreme (20°C)		3701.726	3798.274	3700-3980	PASS
	Extreme (10°C)		3701.820	3798.180	3700-3980	PASS
	Extreme (0°C)		3701.818	3798.182	3700-3980	PASS

	Extreme (-10℃)		3701.806	3798.194	3700-3980	PASS
	Extreme (-20℃)		3701.706	3798.294	3700-3980	PASS
	Extreme (-30℃)		3701.806	3798.194	3700-3980	PASS
	25℃	LV	3701.625	3798.375	3700-3980	PASS
HV		3701.713	3798.287	3700-3980	PASS	
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3970	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3961.008	3978.992	3700-3980	PASS
	Extreme (40℃)		3960.955	3979.045	3700-3980	PASS
	Extreme (30℃)		3961.002	3978.998	3700-3980	PASS
	Extreme (20℃)		3960.982	3979.018	3700-3980	PASS
	Extreme (10℃)		3960.988	3979.012	3700-3980	PASS
	Extreme (0℃)		3961.007	3978.993	3700-3980	PASS
	Extreme (-10℃)		3960.968	3979.032	3700-3980	PASS
	Extreme (-20℃)		3960.967	3979.033	3700-3980	PASS
	Extreme (-30℃)		3960.974	3979.026	3700-3980	PASS
	25℃	LV	3960.980	3979.020	3700-3980	PASS
		HV	3960.996	3979.004	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3965	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3951.470	3978.530	3700-3980	PASS
	Extreme (40℃)		3951.496	3978.504	3700-3980	PASS
	Extreme (30℃)		3951.470	3978.530	3700-3980	PASS
	Extreme (20℃)		3951.481	3978.519	3700-3980	PASS
	Extreme (10℃)		3951.506	3978.494	3700-3980	PASS
	Extreme (0℃)		3951.495	3978.505	3700-3980	PASS
	Extreme (-10℃)		3951.470	3978.530	3700-3980	PASS
	Extreme (-20℃)		3951.498	3978.502	3700-3980	PASS
	Extreme (-30℃)		3951.480	3978.520	3700-3980	PASS
	25℃	LV	3951.495	3978.505	3700-3980	PASS
		HV	3951.506	3978.494	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3960	BANDWIDTH	40MHz				

	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3942.069	3977.931	3700-3980	PASS
	Extreme (40°C)		3942.022	3977.978	3700-3980	PASS
	Extreme (30°C)		3942.076	3977.924	3700-3980	PASS
	Extreme (20°C)		3942.034	3977.966	3700-3980	PASS
	Extreme (10°C)		3942.042	3977.958	3700-3980	PASS
	Extreme (0°C)		3942.077	3977.923	3700-3980	PASS
	Extreme (-10°C)		3942.047	3977.953	3700-3980	PASS
	Extreme (-20°C)		3942.007	3977.993	3700-3980	PASS
	Extreme (-30°C)		3942.027	3977.973	3700-3980	PASS
	25°C	LV	3942.011	3977.989	3700-3980	PASS
		HV	3942.014	3977.986	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3950	BANDWIDTH	60MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3921.005	3978.995	3700-3980	PASS
	Extreme (40°C)		3921.003	3978.997	3700-3980	PASS
	Extreme (30°C)		3921.014	3978.986	3700-3980	PASS
	Extreme (20°C)		3921.011	3978.989	3700-3980	PASS
	Extreme (10°C)		3920.984	3979.016	3700-3980	PASS
	Extreme (0°C)		3920.964	3979.036	3700-3980	PASS
	Extreme (-10°C)		3920.955	3979.045	3700-3980	PASS
	Extreme (-20°C)		3921.024	3978.976	3700-3980	PASS
	Extreme (-30°C)		3920.970	3979.030	3700-3980	PASS
	25°C	LV	3920.967	3979.033	3700-3980	PASS
HV		3920.994	3979.006	3700-3980	PASS	
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3940	BANDWIDTH	80MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3901.371	3978.629	3700-3980	PASS
	Extreme (40°C)		3901.368	3978.632	3700-3980	PASS
	Extreme (30°C)		3901.427	3978.573	3700-3980	PASS
	Extreme (20°C)		3901.423	3978.577	3700-3980	PASS
	Extreme (10°C)		3901.372	3978.628	3700-3980	PASS
	Extreme (0°C)		3901.415	3978.585	3700-3980	PASS
	Extreme (-10°C)		3901.449	3978.551	3700-3980	PASS
	Extreme (-20°C)		3901.415	3978.585	3700-3980	PASS
	Extreme (-30°C)		3901.449	3978.551	3700-3980	PASS

	25°C	LV	3901.369	3978.631	3700-3980	PASS
		HV	3901.432	3978.568	3700-3980	PASS
NR N77 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3930	BANDWIDTH	100MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3881.807	3978.193	3700-3980	PASS
	Extreme (40°C)		3881.698	3978.302	3700-3980	PASS
	Extreme (30°C)		3881.715	3978.285	3700-3980	PASS
	Extreme (20°C)		3881.625	3978.375	3700-3980	PASS
	Extreme (10°C)		3881.847	3978.153	3700-3980	PASS
	Extreme (0°C)		3881.799	3978.201	3700-3980	PASS
	Extreme (-10°C)		3881.753	3978.247	3700-3980	PASS
	Extreme (-20°C)		3881.645	3978.355	3700-3980	PASS
	Extreme (-30°C)		3881.726	3978.274	3700-3980	PASS
	25°C	LV	3881.798	3978.202	3700-3980	PASS
		HV	3881.610	3978.390	3700-3980	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3710	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3701.011	3718.989	3700-3800	PASS
	Extreme (40°C)		3701.004	3718.996	3700-3800	PASS
	Extreme (30°C)		3700.989	3719.011	3700-3800	PASS
	Extreme (20°C)		3700.971	3719.029	3700-3800	PASS
	Extreme (10°C)		3700.981	3719.019	3700-3800	PASS
	Extreme (0°C)		3701.008	3718.992	3700-3800	PASS
	Extreme (-10°C)		3700.976	3719.024	3700-3800	PASS
	Extreme (-20°C)		3700.993	3719.007	3700-3800	PASS
	Extreme (-30°C)		3700.963	3719.037	3700-3800	PASS
	25°C	LV	3700.998	3719.002	3700-3800	PASS
		HV	3701.009	3718.991	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3715	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3701.482	3728.518	3700-3800	PASS
	Extreme (40°C)		3701.495	3728.505	3700-3800	PASS

	Extreme (30°C)		3701.485	3728.515	3700-3800	PASS
	Extreme (20°C)		3701.469	3728.531	3700-3800	PASS
	Extreme (10°C)		3701.502	3728.498	3700-3800	PASS
	Extreme (0°C)		3701.473	3728.527	3700-3800	PASS
	Extreme (-10°C)		3701.488	3728.512	3700-3800	PASS
	Extreme (-20°C)		3701.485	3728.515	3700-3800	PASS
	Extreme (-30°C)		3701.507	3728.493	3700-3800	PASS
	25°C	LV	3701.466	3728.534	3700-3800	PASS
		HV	3701.504	3728.496	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3720	BANDWIDTH	40MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3702.073	3737.927	3700-3800	PASS
	Extreme (40°C)		3702.054	3737.946	3700-3800	PASS
	Extreme (30°C)		3702.017	3737.983	3700-3800	PASS
	Extreme (20°C)		3702.067	3737.933	3700-3800	PASS
	Extreme (10°C)		3702.087	3737.913	3700-3800	PASS
	Extreme (0°C)		3702.058	3737.942	3700-3800	PASS
	Extreme (-10°C)		3702.059	3737.941	3700-3800	PASS
	Extreme (-20°C)		3702.017	3737.983	3700-3800	PASS
	Extreme (-30°C)		3702.014	3737.986	3700-3800	PASS
	25°C	LV	3702.028	3737.972	3700-3800	PASS
		HV	3702.084	3737.916	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3725	BANDWIDTH	50MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3702.086	3747.914	3700-3800	PASS
	Extreme (40°C)		3702.018	3747.982	3700-3800	PASS
	Extreme (30°C)		3702.096	3747.904	3700-3800	PASS
	Extreme (20°C)		3702.006	3747.994	3700-3800	PASS
	Extreme (10°C)		3702.044	3747.956	3700-3800	PASS
	Extreme (0°C)		3702.057	3747.943	3700-3800	PASS
	Extreme (-10°C)		3702.065	3747.935	3700-3800	PASS
	Extreme (-20°C)		3702.052	3747.948	3700-3800	PASS
	Extreme (-30°C)		3702.057	3747.943	3700-3800	PASS
	25°C	LV	3702.084	3747.916	3700-3800	PASS
		HV	3702.030	3747.970	3700-3800	PASS

NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3730	BANDWIDTH	60MHz	DFT-QPSK	DFT-QPSK	3700-3800	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	3700.994	3759.006	3700-3800	PASS
	Extreme (40°C)		3701.018	3758.982	3700-3800	PASS
	Extreme (30°C)		3701.045	3758.955	3700-3800	PASS
	Extreme (20°C)		3700.904	3759.096	3700-3800	PASS
	Extreme (10°C)		3701.015	3758.985	3700-3800	PASS
	Extreme (0°C)		3700.955	3759.045	3700-3800	PASS
	Extreme (-10°C)		3700.869	3759.131	3700-3800	PASS
	Extreme (-20°C)		3700.876	3759.124	3700-3800	PASS
	Extreme (-30°C)		3700.869	3759.131	3700-3800	PASS
	25°C	LV	3700.910	3759.090	3700-3800	PASS
		HV	3701.005	3758.995	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3735	BANDWIDTH	70MHz	DFT-QPSK	DFT-QPSK	3700-3800	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	3702.681	3767.319	3700-3800	PASS
	Extreme (40°C)		3702.773	3767.227	3700-3800	PASS
	Extreme (30°C)		3702.778	3767.222	3700-3800	PASS
	Extreme (20°C)		3702.718	3767.282	3700-3800	PASS
	Extreme (10°C)		3702.757	3767.243	3700-3800	PASS
	Extreme (0°C)		3702.797	3767.203	3700-3800	PASS
	Extreme (-10°C)		3702.703	3767.297	3700-3800	PASS
	Extreme (-20°C)		3702.724	3767.276	3700-3800	PASS
	Extreme (-30°C)		3702.768	3767.232	3700-3800	PASS
	25°C	LV	3702.669	3767.331	3700-3800	PASS
		HV	3702.725	3767.275	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3740	BANDWIDTH	80MHz	DFT-QPSK	DFT-QPSK	3700-3800	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	3701.386	3778.614	3700-3800	PASS
	Extreme (40°C)		3701.336	3778.664	3700-3800	PASS
	Extreme (30°C)		3701.366	3778.634	3700-3800	PASS
	Extreme (20°C)		3701.355	3778.645	3700-3800	PASS
	Extreme (10°C)		3701.305	3778.695	3700-3800	PASS

	Extreme (0℃)		3701.397	3778.603	3700-3800	PASS
	Extreme (-10℃)		3701.329	3778.671	3700-3800	PASS
	Extreme (-20℃)		3701.320	3778.680	3700-3800	PASS
	Extreme (-30℃)		3701.386	3778.614	3700-3800	PASS
	25℃	LV	3701.302	3778.698	3700-3800	PASS
		HV	3701.376	3778.624	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3745	BANDWIDTH	90MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3702.125	3787.875	3700-3800	PASS
	Extreme (40℃)		3702.058	3787.942	3700-3800	PASS
	Extreme (30℃)		3702.112	3787.888	3700-3800	PASS
	Extreme (20℃)		3702.113	3787.887	3700-3800	PASS
	Extreme (10℃)		3702.089	3787.911	3700-3800	PASS
	Extreme (0℃)		3702.148	3787.852	3700-3800	PASS
	Extreme (-10℃)		3702.085	3787.915	3700-3800	PASS
	Extreme (-20℃)		3702.107	3787.893	3700-3800	PASS
	Extreme (-30℃)		3702.127	3787.873	3700-3800	PASS
	25℃	LV	3702.053	3787.947	3700-3800	PASS
		HV	3702.060	3787.940	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3750	BANDWIDTH	100MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3701.620	3798.380	3700-3800	PASS
	Extreme (40℃)		3701.617	3798.383	3700-3800	PASS
	Extreme (30℃)		3701.582	3798.418	3700-3800	PASS
	Extreme (20℃)		3701.558	3798.442	3700-3800	PASS
	Extreme (10℃)		3701.624	3798.376	3700-3800	PASS
	Extreme (0℃)		3701.631	3798.369	3700-3800	PASS
	Extreme (-10℃)		3701.567	3798.433	3700-3800	PASS
	Extreme (-20℃)		3701.578	3798.422	3700-3800	PASS
	Extreme (-30℃)		3701.606	3798.394	3700-3800	PASS
	25℃	LV	3701.592	3798.408	3700-3800	PASS
		HV	3701.616	3798.384	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

3790	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3780.974	3799.026	3700-3800	PASS
	Extreme (40°C)		3780.966	3799.034	3700-3800	PASS
	Extreme (30°C)		3781.018	3798.982	3700-3800	PASS
	Extreme (20°C)		3781.020	3798.980	3700-3800	PASS
	Extreme (10°C)		3780.982	3799.018	3700-3800	PASS
	Extreme (0°C)		3781.012	3798.988	3700-3800	PASS
	Extreme (-10°C)		3780.963	3799.037	3700-3800	PASS
	Extreme (-20°C)		3780.999	3799.001	3700-3800	PASS
	Extreme (-30°C)		3781.000	3799.000	3700-3800	PASS
	25°C	LV	3780.984	3799.016	3700-3800	PASS
		HV	3780.983	3799.017	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3785	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3771.487	3798.513	3700-3800	PASS
	Extreme (40°C)		3771.484	3798.516	3700-3800	PASS
	Extreme (30°C)		3771.480	3798.520	3700-3800	PASS
	Extreme (20°C)		3771.504	3798.496	3700-3800	PASS
	Extreme (10°C)		3771.489	3798.511	3700-3800	PASS
	Extreme (0°C)		3771.489	3798.511	3700-3800	PASS
	Extreme (-10°C)		3771.504	3798.496	3700-3800	PASS
	Extreme (-20°C)		3771.464	3798.536	3700-3800	PASS
	Extreme (-30°C)		3771.493	3798.507	3700-3800	PASS
	25°C	LV	3771.466	3798.534	3700-3800	PASS
		HV	3771.481	3798.519	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3780	BANDWIDTH	40MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3762.078	3797.922	3700-3800	PASS
	Extreme (40°C)		3762.065	3797.935	3700-3800	PASS
	Extreme (30°C)		3762.055	3797.945	3700-3800	PASS
	Extreme (20°C)		3762.004	3797.996	3700-3800	PASS
	Extreme (10°C)		3762.090	3797.910	3700-3800	PASS
	Extreme (0°C)		3762.070	3797.930	3700-3800	PASS
	Extreme (-10°C)		3762.092	3797.908	3700-3800	PASS

	Extreme (-20°C)		3762.074	3797.926	3700-3800	PASS
	Extreme (-30°C)		3762.089	3797.911	3700-3800	PASS
	25°C	LV	3762.019	3797.981	3700-3800	PASS
		HV	3762.018	3797.982	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3775	BANDWIDTH	50MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3752.045	3797.955	3700-3800	PASS
	Extreme (40°C)		3752.031	3797.969	3700-3800	PASS
	Extreme (30°C)		3752.015	3797.985	3700-3800	PASS
	Extreme (20°C)		3752.029	3797.971	3700-3800	PASS
	Extreme (10°C)		3752.044	3797.956	3700-3800	PASS
	Extreme (0°C)		3752.037	3797.963	3700-3800	PASS
	Extreme (-10°C)		3752.042	3797.958	3700-3800	PASS
	Extreme (-20°C)		3752.095	3797.905	3700-3800	PASS
	Extreme (-30°C)		3752.037	3797.963	3700-3800	PASS
	25°C	LV	3752.018	3797.982	3700-3800	PASS
		HV	3752.069	3797.931	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3770	BANDWIDTH	60MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3740.959	3799.041	3700-3800	PASS
	Extreme (40°C)		3740.875	3799.125	3700-3800	PASS
	Extreme (30°C)		3741.024	3798.976	3700-3800	PASS
	Extreme (20°C)		3740.930	3799.070	3700-3800	PASS
	Extreme (10°C)		3740.991	3799.009	3700-3800	PASS
	Extreme (0°C)		3741.022	3798.978	3700-3800	PASS
	Extreme (-10°C)		3740.937	3799.063	3700-3800	PASS
	Extreme (-20°C)		3740.921	3799.079	3700-3800	PASS
	Extreme (-30°C)		3741.002	3798.998	3700-3800	PASS
	25°C	LV	3740.954	3799.046	3700-3800	PASS
		HV	3741.006	3798.994	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3765	BANDWIDTH	70MHz				
	Temperature	Voltage	DFT-QPSK			

	Extreme (50°C)	NV	3732.738	3797.262	3700-3800	PASS
	Extreme (40°C)		3732.736	3797.264	3700-3800	PASS
	Extreme (30°C)		3732.704	3797.296	3700-3800	PASS
	Extreme (20°C)		3732.663	3797.337	3700-3800	PASS
	Extreme (10°C)		3732.755	3797.245	3700-3800	PASS
	Extreme (0°C)		3732.747	3797.253	3700-3800	PASS
	Extreme (-10°C)		3732.656	3797.344	3700-3800	PASS
	Extreme (-20°C)		3732.691	3797.309	3700-3800	PASS
	Extreme (-30°C)		3732.749	3797.251	3700-3800	PASS
	25°C	LV	3732.750	3797.250	3700-3800	PASS
		HV	3732.708	3797.292	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3760	BANDWIDTH	80MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3721.386	3798.614	3700-3800	PASS
	Extreme (40°C)		3721.360	3798.640	3700-3800	PASS
	Extreme (30°C)		3721.360	3798.640	3700-3800	PASS
	Extreme (20°C)		3721.370	3798.630	3700-3800	PASS
	Extreme (10°C)		3721.388	3798.612	3700-3800	PASS
	Extreme (0°C)		3721.313	3798.687	3700-3800	PASS
	Extreme (-10°C)		3721.307	3798.693	3700-3800	PASS
	Extreme (-20°C)		3721.390	3798.610	3700-3800	PASS
	Extreme (-30°C)		3721.300	3798.700	3700-3800	PASS
	25°C	LV	3721.395	3798.605	3700-3800	PASS
		HV	3721.368	3798.632	3700-3800	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3755	BANDWIDTH	90MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3712.140	3797.860	3700-3800	PASS
	Extreme (40°C)		3712.062	3797.938	3700-3800	PASS
	Extreme (30°C)		3712.126	3797.874	3700-3800	PASS
	Extreme (20°C)		3712.087	3797.913	3700-3800	PASS
	Extreme (10°C)		3712.139	3797.861	3700-3800	PASS
	Extreme (0°C)		3712.141	3797.859	3700-3800	PASS
	Extreme (-10°C)		3712.137	3797.863	3700-3800	PASS
	Extreme (-20°C)		3712.050	3797.950	3700-3800	PASS
	Extreme (-30°C)		3712.091	3797.909	3700-3800	PASS
	25°C	LV	3712.103	3797.897	3700-3800	PASS

		HV	3712.148	3797.852	3700-3800	PASS
--	--	----	----------	----------	-----------	------