

Frequency Stability

N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	12.79	0.01529	
	Extreme (40°C)		5.28	0.00631	PASS
	Extreme (30°C)		7.64	0.00913	PASS
	Extreme (20°C)		1.48	0.00177	PASS
	Extreme (10°C)		12.30	0.01470	PASS
	Extreme (0°C)		15.69	0.01876	PASS
	Extreme (-10°C)		5.68	0.00680	PASS
	Extreme (-20°C)		15.85	0.01895	PASS
	Extreme (-30°C)		6.75	0.00807	PASS
	25°C	LV	17.45	0.02087	PASS
		HV	11.40	0.01363	PASS
N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	3.09	0.00370	PASS
	Extreme (40°C)		8.99	0.01074	PASS
	Extreme (30°C)		15.03	0.01797	PASS
	Extreme (20°C)		6.65	0.00796	PASS
	Extreme (10°C)		16.08	0.01922	PASS
	Extreme (0°C)		9.03	0.01080	PASS
	Extreme (-10°C)		6.62	0.00792	PASS
	Extreme (-20°C)		5.32	0.00636	PASS
	Extreme (-30°C)		14.48	0.01731	PASS
	25°C	LV	7.12	0.00851	PASS
		HV	15.03	0.01797	PASS
N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.96	0.00832	PASS
	Extreme (40°C)		2.39	0.00286	PASS
	Extreme (30°C)		2.75	0.00328	PASS
	Extreme (20°C)		2.70	0.00323	PASS
	Extreme (10°C)		9.50	0.01135	PASS

	Extreme (0°C)		12.10	0.01447	PASS
	Extreme (-10°C)		12.87	0.01538	PASS
	Extreme (-20°C)		16.18	0.01935	PASS
	Extreme (-30°C)		7.79	0.00931	PASS
	25°C	LV	2.16	0.00258	PASS
		HV	12.59	0.01505	PASS
N5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	20MHz			
	Temperature	Voltage			
	Extreme (50°C)	NV	3.44	0.00412	PASS
	Extreme (40°C)		17.72	0.02119	PASS
	Extreme (30°C)		13.33	0.01593	PASS
	Extreme (20°C)		3.76	0.00450	PASS
	Extreme (10°C)		12.23	0.01462	PASS
	Extreme (0°C)		12.98	0.01551	PASS
	Extreme (-10°C)		3.34	0.00399	PASS
	Extreme (-20°C)		3.35	0.00401	PASS
	Extreme (-30°C)		10.63	0.01271	PASS
	25°C	LV	14.32	0.01712	PASS
		HV	9.55	0.01142	PASS

NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.287	2504.713	2500-2570	PASS
	Extreme (40°C)		2500.278	2504.722	2500-2570	PASS
	Extreme (30°C)		2500.236	2504.764	2500-2570	PASS
	Extreme (20°C)		2500.267	2504.733	2500-2570	PASS
	Extreme (10°C)		2500.246	2504.754	2500-2570	PASS
	Extreme (0°C)		2500.226	2504.774	2500-2570	PASS
	Extreme (-10°C)		2500.246	2504.754	2500-2570	PASS
	Extreme (-20°C)		2500.222	2504.778	2500-2570	PASS
	Extreme (-30°C)		2500.288	2504.712	2500-2570	PASS
	25°C	LV	2500.286	2504.714	2500-2570	PASS
		HV	2500.203	2504.797	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz				

	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2500.660	2509.340	2500-2570	PASS
	Extreme (40℃)		2500.698	2509.302	2500-2570	PASS
	Extreme (30℃)		2500.623	2509.377	2500-2570	PASS
	Extreme (20℃)		2500.606	2509.394	2500-2570	PASS
	Extreme (10℃)		2500.643	2509.357	2500-2570	PASS
	Extreme (0℃)		2500.676	2509.324	2500-2570	PASS
	Extreme (-10℃)		2500.681	2509.319	2500-2570	PASS
	Extreme (-20℃)		2500.678	2509.322	2500-2570	PASS
	Extreme (-30℃)		2500.680	2509.320	2500-2570	PASS
	25℃	LV	2500.641	2509.359	2500-2570	PASS
	HV	2500.654	2509.346	2500-2570	PASS	
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2500.601	2514.399	2500-2570	PASS
	Extreme (40℃)		2500.683	2514.317	2500-2570	PASS
	Extreme (30℃)		2500.639	2514.361	2500-2570	PASS
	Extreme (20℃)		2500.634	2514.366	2500-2570	PASS
	Extreme (10℃)		2500.688	2514.312	2500-2570	PASS
	Extreme (0℃)		2500.629	2514.371	2500-2570	PASS
	Extreme (-10℃)		2500.697	2514.303	2500-2570	PASS
	Extreme (-20℃)		2500.617	2514.383	2500-2570	PASS
	Extreme (-30℃)		2500.636	2514.364	2500-2570	PASS
	25℃	LV	2500.612	2514.388	2500-2570	PASS
	HV	2500.680	2514.320	2500-2570	PASS	
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2510	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2500.849	2519.151	2500-2570	PASS
	Extreme (40℃)		2500.821	2519.179	2500-2570	PASS
	Extreme (30℃)		2500.818	2519.182	2500-2570	PASS
	Extreme (20℃)		2500.862	2519.138	2500-2570	PASS
	Extreme (10℃)		2500.851	2519.149	2500-2570	PASS
	Extreme (0℃)		2500.840	2519.160	2500-2570	PASS
	Extreme (-10℃)		2500.894	2519.106	2500-2570	PASS
	Extreme (-20℃)		2500.827	2519.173	2500-2570	PASS
	Extreme (-30℃)		2500.856	2519.144	2500-2570	PASS

	25°C	LV	2500.847	2519.153	2500-2570	PASS
		HV	2500.883	2519.117	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2512.5	BANDWIDTH	25MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2500.662	2524.338	2500-2570	PASS
	Extreme (40°C)		2500.761	2524.239	2500-2570	PASS
	Extreme (30°C)		2500.607	2524.393	2500-2570	PASS
	Extreme (20°C)		2500.769	2524.231	2500-2570	PASS
	Extreme (10°C)		2500.749	2524.251	2500-2570	PASS
	Extreme (0°C)		2500.615	2524.385	2500-2570	PASS
	Extreme (-10°C)		2500.733	2524.267	2500-2570	PASS
	Extreme (-20°C)		2500.712	2524.288	2500-2570	PASS
	Extreme (-30°C)		2500.753	2524.247	2500-2570	PASS
	25°C	LV	2500.731	2524.269	2500-2570	PASS
		HV	2500.614	2524.386	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2515	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2500.658	2529.342	2500-2570	PASS
	Extreme (40°C)		2500.672	2529.328	2500-2570	PASS
	Extreme (30°C)		2500.741	2529.259	2500-2570	PASS
	Extreme (20°C)		2500.663	2529.337	2500-2570	PASS
	Extreme (10°C)		2500.732	2529.268	2500-2570	PASS
	Extreme (0°C)		2500.674	2529.326	2500-2570	PASS
	Extreme (-10°C)		2500.730	2529.270	2500-2570	PASS
	Extreme (-20°C)		2500.700	2529.300	2500-2570	PASS
	Extreme (-30°C)		2500.650	2529.350	2500-2570	PASS
	25°C	LV	2500.671	2529.329	2500-2570	PASS
		HV	2500.716	2529.284	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2520	BANDWIDTH	40MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2500.596	2539.404	2500-2570	PASS
	Extreme (40°C)		2500.553	2539.447	2500-2570	PASS

	Extreme (30℃)		2500.696	2539.304	2500-2570	PASS
	Extreme (20℃)		2500.578	2539.422	2500-2570	PASS
	Extreme (10℃)		2500.647	2539.353	2500-2570	PASS
	Extreme (0℃)		2500.640	2539.360	2500-2570	PASS
	Extreme (-10℃)		2500.556	2539.444	2500-2570	PASS
	Extreme (-20℃)		2500.577	2539.423	2500-2570	PASS
	Extreme (-30℃)		2500.690	2539.310	2500-2570	PASS
	25℃	LV	2500.598	2539.402	2500-2570	PASS
HV		2500.653	2539.347	2500-2570	PASS	
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2525	BANDWIDTH	50MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2500.870	2549.130	2500-2570	PASS
	Extreme (40℃)		2500.814	2549.186	2500-2570	PASS
	Extreme (30℃)		2500.888	2549.112	2500-2570	PASS
	Extreme (20℃)		2500.881	2549.119	2500-2570	PASS
	Extreme (10℃)		2500.816	2549.184	2500-2570	PASS
	Extreme (0℃)		2500.858	2549.142	2500-2570	PASS
	Extreme (-10℃)		2500.814	2549.186	2500-2570	PASS
	Extreme (-20℃)		2500.802	2549.198	2500-2570	PASS
	Extreme (-30℃)		2500.813	2549.187	2500-2570	PASS
	20℃	LV	2500.853	2549.147	2500-2570	PASS
HV		2500.870	2549.130	2500-2570	PASS	
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	BANDWIDTH	5MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2565.233	2569.767	2500-2570	PASS
	Extreme (40℃)		2565.243	2569.757	2500-2570	PASS
	Extreme (30℃)		2565.277	2569.723	2500-2570	PASS
	Extreme (20℃)		2565.246	2569.754	2500-2570	PASS
	Extreme (10℃)		2565.265	2569.735	2500-2570	PASS
	Extreme (0℃)		2565.243	2569.757	2500-2570	PASS
	Extreme (-10℃)		2565.203	2569.797	2500-2570	PASS
	Extreme (-20℃)		2565.259	2569.741	2500-2570	PASS
	Extreme (-30℃)		2565.241	2569.759	2500-2570	PASS
	25℃	LV	2565.295	2569.705	2500-2570	PASS
HV		2565.224	2569.776	2500-2570	PASS	

NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2560.661	2569.339	2500-2570	PASS
	Extreme (40°C)		2560.686	2569.314	2500-2570	PASS
	Extreme (30°C)		2560.633	2569.367	2500-2570	PASS
	Extreme (20°C)		2560.655	2569.345	2500-2570	PASS
	Extreme (10°C)		2560.687	2569.313	2500-2570	PASS
	Extreme (0°C)		2560.609	2569.391	2500-2570	PASS
	Extreme (-10°C)		2560.623	2569.377	2500-2570	PASS
	Extreme (-20°C)		2560.611	2569.389	2500-2570	PASS
	Extreme (-30°C)		2560.621	2569.379	2500-2570	PASS
	25°C	LV	2560.625	2569.375	2500-2570	PASS
		HV	2560.624	2569.376	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2562.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2555.687	2569.313	2500-2570	PASS
	Extreme (40°C)		2555.602	2569.398	2500-2570	PASS
	Extreme (30°C)		2555.628	2569.372	2500-2570	PASS
	Extreme (20°C)		2555.607	2569.393	2500-2570	PASS
	Extreme (10°C)		2555.608	2569.392	2500-2570	PASS
	Extreme (0°C)		2555.690	2569.310	2500-2570	PASS
	Extreme (-10°C)		2555.691	2569.309	2500-2570	PASS
	Extreme (-20°C)		2555.637	2569.363	2500-2570	PASS
	Extreme (-30°C)		2555.694	2569.306	2500-2570	PASS
	25°C	LV	2555.665	2569.335	2500-2570	PASS
		HV	2555.636	2569.364	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2560	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2550.815	2569.185	2500-2570	PASS
	Extreme (40°C)		2550.844	2569.156	2500-2570	PASS
	Extreme (30°C)		2550.824	2569.176	2500-2570	PASS
	Extreme (20°C)		2550.888	2569.112	2500-2570	PASS
	Extreme (10°C)		2550.889	2569.111	2500-2570	PASS

	Extreme (0℃)		2550.863	2569.137	2500-2570	PASS
	Extreme (-10℃)		2550.854	2569.146	2500-2570	PASS
	Extreme (-20℃)		2550.810	2569.190	2500-2570	PASS
	Extreme (-30℃)		2550.882	2569.118	2500-2570	PASS
	25℃	LV	2550.881	2569.119	2500-2570	PASS
		HV	2550.887	2569.113	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2557.5	BANDWIDTH	25MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2545.810	2569.190	2500-2570	PASS
	Extreme (40℃)		2545.629	2569.371	2500-2570	PASS
	Extreme (30℃)		2545.661	2569.339	2500-2570	PASS
	Extreme (20℃)		2545.780	2569.220	2500-2570	PASS
	Extreme (10℃)		2545.662	2569.338	2500-2570	PASS
	Extreme (0℃)		2545.675	2569.325	2500-2570	PASS
	Extreme (-10℃)		2545.626	2569.374	2500-2570	PASS
	Extreme (-20℃)		2545.638	2569.362	2500-2570	PASS
	Extreme (-30℃)		2545.805	2569.195	2500-2570	PASS
	25℃	LV	2545.646	2569.354	2500-2570	PASS
		HV	2545.732	2569.268	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2555	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2540.743	2569.257	2500-2570	PASS
	Extreme (40℃)		2540.735	2569.265	2500-2570	PASS
	Extreme (30℃)		2540.710	2569.290	2500-2570	PASS
	Extreme (20℃)		2540.720	2569.280	2500-2570	PASS
	Extreme (10℃)		2540.701	2569.299	2500-2570	PASS
	Extreme (0℃)		2540.729	2569.271	2500-2570	PASS
	Extreme (-10℃)		2540.660	2569.340	2500-2570	PASS
	Extreme (-20℃)		2540.655	2569.345	2500-2570	PASS
	Extreme (-30℃)		2540.688	2569.312	2500-2570	PASS
	25℃	LV	2540.735	2569.265	2500-2570	PASS
		HV	2540.680	2569.320	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2550	BANDWIDTH	40MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2530.619	2569.381	2500-2570	PASS
	Extreme (40℃)		2530.627	2569.373	2500-2570	PASS
	Extreme (30℃)		2530.618	2569.382	2500-2570	PASS
	Extreme (20℃)		2530.558	2569.442	2500-2570	PASS
	Extreme (10℃)		2530.678	2569.322	2500-2570	PASS
	Extreme (0℃)		2530.608	2569.392	2500-2570	PASS
	Extreme (-10℃)		2530.688	2569.312	2500-2570	PASS
	Extreme (-20℃)		2530.562	2569.438	2500-2570	PASS
	Extreme (-30℃)		2530.564	2569.436	2500-2570	PASS
	25℃	LV	2530.616	2569.384	2500-2570	PASS
		HV	2530.583	2569.417	2500-2570	PASS
NR N7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2545	BANDWIDTH	50MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2520.841	2569.159	2500-2570	PASS
	Extreme (40℃)		2520.879	2569.121	2500-2570	PASS
	Extreme (30℃)		2520.808	2569.192	2500-2570	PASS
	Extreme (20℃)		2520.881	2569.119	2500-2570	PASS
	Extreme (10℃)		2520.822	2569.178	2500-2570	PASS
	Extreme (0℃)		2520.811	2569.189	2500-2570	PASS
	Extreme (-10℃)		2520.868	2569.132	2500-2570	PASS
	Extreme (-20℃)		2520.892	2569.108	2500-2570	PASS
	Extreme (-30℃)		2520.848	2569.152	2500-2570	PASS
	20℃	LV	2520.865	2569.135	2500-2570	PASS
		HV	2520.840	2569.160	2500-2570	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2501.01	BANDWIDTH	10MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2496.732	2505.288	2496-2690	PASS
	Extreme (40℃)		2496.636	2505.384	2496-2690	PASS
	Extreme (30℃)		2496.653	2505.367	2496-2690	PASS
	Extreme (20℃)		2496.708	2505.312	2496-2690	PASS
	Extreme (10℃)		2496.713	2505.307	2496-2690	PASS
	Extreme (0℃)		2496.704	2505.316	2496-2690	PASS
	Extreme (-10℃)		2496.680	2505.340	2496-2690	PASS

	Extreme (-20℃)		2496.671	2505.349	2496-2690	PASS
	Extreme (-30℃)		2496.696	2505.324	2496-2690	PASS
	25℃	LV	2496.689	2505.331	2496-2690	PASS
		HV	2496.663	2505.357	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2503.5	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2496.655	2510.345	2496-2690	PASS
	Extreme (40℃)		2496.678	2510.322	2496-2690	PASS
	Extreme (30℃)		2496.586	2510.414	2496-2690	PASS
	Extreme (20℃)		2496.591	2510.409	2496-2690	PASS
	Extreme (10℃)		2496.636	2510.364	2496-2690	PASS
	Extreme (0℃)		2496.696	2510.304	2496-2690	PASS
	Extreme (-10℃)		2496.566	2510.434	2496-2690	PASS
	Extreme (-20℃)		2496.693	2510.307	2496-2690	PASS
	Extreme (-30℃)		2496.641	2510.359	2496-2690	PASS
	25℃	LV	2496.600	2510.400	2496-2690	PASS
		HV	2496.577	2510.423	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2506	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2496.899	2515.101	2496-2690	PASS
	Extreme (40℃)		2496.880	2515.120	2496-2690	PASS
	Extreme (30℃)		2496.888	2515.112	2496-2690	PASS
	Extreme (20℃)		2496.831	2515.169	2496-2690	PASS
	Extreme (10℃)		2496.808	2515.192	2496-2690	PASS
	Extreme (0℃)		2496.817	2515.183	2496-2690	PASS
	Extreme (-10℃)		2496.851	2515.149	2496-2690	PASS
	Extreme (-20℃)		2496.846	2515.154	2496-2690	PASS
	Extreme (-30℃)		2496.815	2515.185	2496-2690	PASS
	25℃	LV	2496.884	2515.116	2496-2690	PASS
		HV	2496.891	2515.109	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2511	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			

	Extreme (50°C)	NV	2497.046	2524.954	2496-2690	PASS
	Extreme (40°C)		2497.009	2524.991	2496-2690	PASS
	Extreme (30°C)		2497.006	2524.994	2496-2690	PASS
	Extreme (20°C)		2497.029	2524.971	2496-2690	PASS
	Extreme (10°C)		2497.014	2524.986	2496-2690	PASS
	Extreme (0°C)		2497.009	2524.991	2496-2690	PASS
	Extreme (-10°C)		2497.026	2524.974	2496-2690	PASS
	Extreme (-20°C)		2497.048	2524.952	2496-2690	PASS
	Extreme (-30°C)		2497.038	2524.962	2496-2690	PASS
	25°C	LV	2497.006	2524.994	2496-2690	PASS
		HV	2497.036	2524.964	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2516	BANDWIDTH	40MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2498.058	2533.942	2496-2690	PASS
	Extreme (40°C)		2498.074	2533.926	2496-2690	PASS
	Extreme (30°C)		2498.022	2533.978	2496-2690	PASS
	Extreme (20°C)		2498.043	2533.957	2496-2690	PASS
	Extreme (10°C)		2498.071	2533.929	2496-2690	PASS
	Extreme (0°C)		2498.073	2533.927	2496-2690	PASS
	Extreme (-10°C)		2498.089	2533.911	2496-2690	PASS
	Extreme (-20°C)		2498.035	2533.965	2496-2690	PASS
	Extreme (-30°C)		2498.025	2533.975	2496-2690	PASS
	25°C	LV	2498.041	2533.959	2496-2690	PASS
		HV	2498.057	2533.943	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2521	BANDWIDTH	50MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	2497.251	2544.749	2496-2690	PASS
	Extreme (40°C)		2497.279	2544.721	2496-2690	PASS
	Extreme (30°C)		2497.296	2544.704	2496-2690	PASS
	Extreme (20°C)		2497.277	2544.723	2496-2690	PASS
	Extreme (10°C)		2497.288	2544.712	2496-2690	PASS
	Extreme (0°C)		2497.251	2544.749	2496-2690	PASS
	Extreme (-10°C)		2497.282	2544.718	2496-2690	PASS
	Extreme (-20°C)		2497.275	2544.725	2496-2690	PASS
	Extreme (-30°C)		2497.281	2544.719	2496-2690	PASS
	25°C	LV	2497.295	2544.705	2496-2690	PASS

		HV	2497.295	2544.705	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2526	BANDWIDTH	60MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2497.004	2554.996	2496-2690	PASS
	Extreme (40℃)		2497.011	2554.989	2496-2690	PASS
	Extreme (30℃)		2497.010	2554.990	2496-2690	PASS
	Extreme (20℃)		2497.026	2554.974	2496-2690	PASS
	Extreme (10℃)		2497.031	2554.969	2496-2690	PASS
	Extreme (0℃)		2497.026	2554.974	2496-2690	PASS
	Extreme (-10℃)		2497.038	2554.962	2496-2690	PASS
	Extreme (-20℃)		2497.030	2554.970	2496-2690	PASS
	Extreme (-30℃)		2497.001	2554.999	2496-2690	PASS
	25℃	LV	2497.003	2554.997	2496-2690	PASS
		HV	2497.031	2554.969	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2531	BANDWIDTH	70MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2497.223	2564.777	2496-2690	PASS
	Extreme (40℃)		2497.230	2564.770	2496-2690	PASS
	Extreme (30℃)		2497.196	2564.804	2496-2690	PASS
	Extreme (20℃)		2497.249	2564.751	2496-2690	PASS
	Extreme (10℃)		2497.194	2564.806	2496-2690	PASS
	Extreme (0℃)		2497.155	2564.845	2496-2690	PASS
	Extreme (-10℃)		2497.191	2564.809	2496-2690	PASS
	Extreme (-20℃)		2497.160	2564.840	2496-2690	PASS
	Extreme (-30℃)		2497.237	2564.763	2496-2690	PASS
	25℃	LV	2497.217	2564.783	2496-2690	PASS
		HV	2497.182	2564.818	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2536	BANDWIDTH	80MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2497.193	2574.807	2496-2690	PASS
	Extreme (40℃)		2497.157	2574.843	2496-2690	PASS
	Extreme (30℃)		2497.155	2574.845	2496-2690	PASS

	Extreme (20℃)		2497.178	2574.822	2496-2690	PASS
	Extreme (10℃)		2497.249	2574.751	2496-2690	PASS
	Extreme (0℃)		2497.236	2574.764	2496-2690	PASS
	Extreme (-10℃)		2497.250	2574.750	2496-2690	PASS
	Extreme (-20℃)		2497.239	2574.761	2496-2690	PASS
	Extreme (-30℃)		2497.229	2574.771	2496-2690	PASS
	25℃	LV	2497.241	2574.759	2496-2690	PASS
		HV	2497.158	2574.842	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2541	BANDWIDTH	90MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2497.150	2584.850	2496-2690	PASS
	Extreme (40℃)		2497.144	2584.856	2496-2690	PASS
	Extreme (30℃)		2497.193	2584.807	2496-2690	PASS
	Extreme (20℃)		2497.134	2584.866	2496-2690	PASS
	Extreme (10℃)		2497.178	2584.822	2496-2690	PASS
	Extreme (0℃)		2497.121	2584.879	2496-2690	PASS
	Extreme (-10℃)		2497.128	2584.872	2496-2690	PASS
	Extreme (-20℃)		2497.142	2584.858	2496-2690	PASS
	Extreme (-30℃)		2497.102	2584.898	2496-2690	PASS
	25℃	LV	2497.159	2584.841	2496-2690	PASS
		HV	2497.139	2584.861	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2546	BANDWIDTH	100MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2497.130	2594.870	2496-2690	PASS
	Extreme (40℃)		2497.108	2594.892	2496-2690	PASS
	Extreme (30℃)		2497.113	2594.887	2496-2690	PASS
	Extreme (20℃)		2497.114	2594.886	2496-2690	PASS
	Extreme (10℃)		2497.146	2594.854	2496-2690	PASS
	Extreme (0℃)		2497.102	2594.898	2496-2690	PASS
	Extreme (-10℃)		2497.125	2594.875	2496-2690	PASS
	Extreme (-20℃)		2497.131	2594.869	2496-2690	PASS
	Extreme (-30℃)		2497.119	2594.881	2496-2690	PASS
	25℃	LV	2497.110	2594.890	2496-2690	PASS
		HV	2497.143	2594.857	2496-2690	PASS
NR N41	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
2685	BANDWIDTH	10MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2680.656	2689.344	2496-2690	PASS
	Extreme (40℃)		2680.736	2689.264	2496-2690	PASS
	Extreme (30℃)		2680.742	2689.258	2496-2690	PASS
	Extreme (20℃)		2680.615	2689.385	2496-2690	PASS
	Extreme (10℃)		2680.633	2689.367	2496-2690	PASS
	Extreme (0℃)		2680.612	2689.388	2496-2690	PASS
	Extreme (-10℃)		2680.664	2689.336	2496-2690	PASS
	Extreme (-20℃)		2680.745	2689.255	2496-2690	PASS
	Extreme (-30℃)		2680.735	2689.265	2496-2690	PASS
	25℃	LV	2680.691	2689.309	2496-2690	PASS
		HV	2680.688	2689.312	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2682.48	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	2675.680	2689.280	2496-2690	PASS
	Extreme (40℃)		2675.590	2689.370	2496-2690	PASS
	Extreme (30℃)		2675.661	2689.299	2496-2690	PASS
	Extreme (20℃)		2675.583	2689.377	2496-2690	PASS
	Extreme (10℃)		2675.663	2689.297	2496-2690	PASS
	Extreme (0℃)		2675.611	2689.349	2496-2690	PASS
	Extreme (-10℃)		2675.662	2689.298	2496-2690	PASS
	Extreme (-20℃)		2675.646	2689.314	2496-2690	PASS
	Extreme (-30℃)		2675.637	2689.323	2496-2690	PASS
	25℃	LV	2675.599	2689.361	2496-2690	PASS
		HV	2675.533	2689.427	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	2670.837	2689.163	2496-2690	PASS
	Extreme (40℃)		2670.865	2689.135	2496-2690	PASS
	Extreme (30℃)		2670.824	2689.176	2496-2690	PASS
	Extreme (20℃)		2670.838	2689.162	2496-2690	PASS
	Extreme (10℃)		2670.848	2689.152	2496-2690	PASS
	Extreme (0℃)		2670.880	2689.120	2496-2690	PASS

	Extreme (-10°C)		2670.867	2689.133	2496-2690	PASS
	Extreme (-20°C)		2670.886	2689.114	2496-2690	PASS
	Extreme (-30°C)		2670.807	2689.193	2496-2690	PASS
	25°C	LV	2670.874	2689.126	2496-2690	PASS
		HV	2670.836	2689.164	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°C)	NV	2661.003	2688.997	2496-2690	PASS
	Extreme (40°C)		2661.046	2688.954	2496-2690	PASS
	Extreme (30°C)		2661.024	2688.976	2496-2690	PASS
	Extreme (20°C)		2661.006	2688.994	2496-2690	PASS
	Extreme (10°C)		2661.019	2688.981	2496-2690	PASS
	Extreme (0°C)		2661.044	2688.956	2496-2690	PASS
	Extreme (-10°C)		2661.011	2688.989	2496-2690	PASS
	Extreme (-20°C)		2661.046	2688.954	2496-2690	PASS
	Extreme (-30°C)		2661.008	2688.992	2496-2690	PASS
	25°C	LV	2661.016	2688.984	2496-2690	PASS
		HV	2661.047	2688.953	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°C)	NV	2652.033	2687.967	2496-2690	PASS
	Extreme (40°C)		2652.059	2687.941	2496-2690	PASS
	Extreme (30°C)		2652.074	2687.926	2496-2690	PASS
	Extreme (20°C)		2652.042	2687.958	2496-2690	PASS
	Extreme (10°C)		2652.096	2687.904	2496-2690	PASS
	Extreme (0°C)		2652.056	2687.944	2496-2690	PASS
	Extreme (-10°C)		2652.008	2687.992	2496-2690	PASS
	Extreme (-20°C)		2652.058	2687.942	2496-2690	PASS
	Extreme (-30°C)		2652.080	2687.920	2496-2690	PASS
	25°C	LV	2652.037	2687.963	2496-2690	PASS
		HV	2652.059	2687.941	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°C)	NV	2641.297	2688.703	2496-2690	PASS
	Extreme (40°C)		2641.299	2688.701	2496-2690	PASS
	Extreme (30°C)		2641.256	2688.744	2496-2690	PASS
	Extreme (20°C)		2641.253	2688.747	2496-2690	PASS
	Extreme (10°C)		2641.288	2688.712	2496-2690	PASS
	Extreme (0°C)		2641.295	2688.705	2496-2690	PASS
	Extreme (-10°C)		2641.285	2688.715	2496-2690	PASS
	Extreme (-20°C)		2641.284	2688.716	2496-2690	PASS
	Extreme (-30°C)		2641.261	2688.739	2496-2690	PASS
	25°C	LV	2641.257	2688.743	2496-2690	PASS
		HV	2641.297	2688.703	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	2631.039	2688.961	2496-2690	PASS
	Extreme (40°C)		2631.001	2688.999	2496-2690	PASS
	Extreme (30°C)		2631.026	2688.974	2496-2690	PASS
	Extreme (20°C)		2631.007	2688.993	2496-2690	PASS
	Extreme (10°C)		2631.013	2688.987	2496-2690	PASS
	Extreme (0°C)		2631.022	2688.978	2496-2690	PASS
	Extreme (-10°C)		2631.007	2688.993	2496-2690	PASS
	Extreme (-20°C)		2631.049	2688.951	2496-2690	PASS
	Extreme (-30°C)		2631.001	2688.999	2496-2690	PASS
	25°C	LV	2631.009	2688.991	2496-2690	PASS
		HV	2631.047	2688.953	2496-2690	PASS
NR N41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2655	BANDWIDTH	70MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	2621.239	2688.761	2496-2690	PASS
	Extreme (40°C)		2621.238	2688.762	2496-2690	PASS
	Extreme (30°C)		2621.191	2688.809	2496-2690	PASS
	Extreme (20°C)		2621.162	2688.838	2496-2690	PASS
	Extreme (10°C)		2621.177	2688.823	2496-2690	PASS
	Extreme (0°C)		2621.206	2688.794	2496-2690	PASS
	Extreme (-10°C)		2621.161	2688.839	2496-2690	PASS
	Extreme (-20°C)		2621.206	2688.794	2496-2690	PASS
	Extreme (-30°C)		2621.165	2688.835	2496-2690	PASS

	25°C	LV	2621.225	2688.775	2496-2690	PASS
		HV	2621.226	2688.774	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	2611.182	2688.818	2496-2690	PASS
	Extreme (40°C)		2611.228	2688.772	2496-2690	PASS
	Extreme (30°C)		2611.224	2688.776	2496-2690	PASS
	Extreme (20°C)		2611.154	2688.846	2496-2690	PASS
	Extreme (10°C)		2611.178	2688.822	2496-2690	PASS
	Extreme (0°C)		2611.169	2688.831	2496-2690	PASS
	Extreme (-10°C)		2611.184	2688.816	2496-2690	PASS
	Extreme (-20°C)		2611.237	2688.763	2496-2690	PASS
	Extreme (-30°C)		2611.158	2688.842	2496-2690	PASS
	25°C	LV	2611.220	2688.780	2496-2690	PASS
		HV	2611.211	2688.789	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	2601.138	2688.862	2496-2690	PASS
	Extreme (40°C)		2601.177	2688.823	2496-2690	PASS
	Extreme (30°C)		2601.127	2688.873	2496-2690	PASS
	Extreme (20°C)		2601.199	2688.801	2496-2690	PASS
	Extreme (10°C)		2601.107	2688.893	2496-2690	PASS
	Extreme (0°C)		2601.116	2688.884	2496-2690	PASS
	Extreme (-10°C)		2601.196	2688.804	2496-2690	PASS
	Extreme (-20°C)		2601.145	2688.855	2496-2690	PASS
	Extreme (-30°C)		2601.170	2688.830	2496-2690	PASS
	25°C	LV	2601.190	2688.810	2496-2690	PASS
		HV	2601.151	2688.849	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	2591.130	2688.870	2496-2690	PASS
	Extreme (40°C)		2591.117	2688.883	2496-2690	PASS

	Extreme (30°C)		2591.136	2688.864	2496-2690	PASS
	Extreme (20°C)		2591.119	2688.881	2496-2690	PASS
	Extreme (10°C)		2591.148	2688.852	2496-2690	PASS
	Extreme (0°C)		2591.134	2688.866	2496-2690	PASS
	Extreme (-10°C)		2591.110	2688.890	2496-2690	PASS
	Extreme (-20°C)		2591.102	2688.898	2496-2690	PASS
	Extreme (-30°C)		2591.111	2688.889	2496-2690	PASS
	25°C	LV	2591.125	2688.875	2496-2690	PASS
		HV	2591.146	2688.854	2496-2690	PASS

NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz	DFT-QPSK	DFT-QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.233	1714.767	1710-1780	PASS
	Extreme (40°C)		1710.234	1714.766	1710-1780	PASS
	Extreme (30°C)		1710.280	1714.720	1710-1780	PASS
	Extreme (20°C)		1710.291	1714.709	1710-1780	PASS
	Extreme (10°C)		1710.294	1714.706	1710-1780	PASS
	Extreme (0°C)		1710.247	1714.753	1710-1780	PASS
	Extreme (-10°C)		1710.280	1714.720	1710-1780	PASS
	Extreme (-20°C)		1710.214	1714.786	1710-1780	PASS
	Extreme (-30°C)		1710.213	1714.787	1710-1780	PASS
	25°C	LV	1710.238	1714.762	1710-1780	PASS
		HV	1710.296	1714.704	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	DFT-QPSK	DFT-QPSK	1710-1780	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.686	1719.314	1710-1780	PASS
	Extreme (40°C)		1710.689	1719.311	1710-1780	PASS
	Extreme (30°C)		1710.648	1719.352	1710-1780	PASS
	Extreme (20°C)		1710.672	1719.328	1710-1780	PASS
	Extreme (10°C)		1710.614	1719.386	1710-1780	PASS
	Extreme (0°C)		1710.662	1719.338	1710-1780	PASS
	Extreme (-10°C)		1710.629	1719.371	1710-1780	PASS
	Extreme (-20°C)		1710.675	1719.325	1710-1780	PASS
	Extreme (-30°C)		1710.699	1719.301	1710-1780	PASS
	25°C	LV	1710.670	1719.330	1710-1780	PASS
		HV	1710.614	1719.386	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	1710.692	1724.308	1710-1780	PASS
	Extreme (40°C)		1710.626	1724.374	1710-1780	PASS
	Extreme (30°C)		1710.682	1724.318	1710-1780	PASS
	Extreme (20°C)		1710.688	1724.312	1710-1780	PASS
	Extreme (10°C)		1710.687	1724.313	1710-1780	PASS
	Extreme (0°C)		1710.660	1724.340	1710-1780	PASS
	Extreme (-10°C)		1710.646	1724.354	1710-1780	PASS
	Extreme (-20°C)		1710.688	1724.312	1710-1780	PASS
	Extreme (-30°C)		1710.691	1724.309	1710-1780	PASS
	25°C	LV	1710.695	1724.305	1710-1780	PASS
		HV	1710.628	1724.372	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	1710.806	1729.194	1710-1780	PASS
	Extreme (40°C)		1710.815	1729.185	1710-1780	PASS
	Extreme (30°C)		1710.815	1729.185	1710-1780	PASS
	Extreme (20°C)		1710.834	1729.166	1710-1780	PASS
	Extreme (10°C)		1710.840	1729.160	1710-1780	PASS
	Extreme (0°C)		1710.899	1729.101	1710-1780	PASS
	Extreme (-10°C)		1710.866	1729.134	1710-1780	PASS
	Extreme (-20°C)		1710.847	1729.153	1710-1780	PASS
	Extreme (-30°C)		1710.852	1729.148	1710-1780	PASS
	25°C	LV	1710.809	1729.191	1710-1780	PASS
		HV	1710.858	1729.142	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1722.5	BANDWIDTH	25MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.076	1733.924	1710-1780	PASS
	Extreme (40°C)		1711.019	1733.981	1710-1780	PASS
	Extreme (30°C)		1711.018	1733.982	1710-1780	PASS
	Extreme (20°C)		1711.006	1733.994	1710-1780	PASS
	Extreme (10°C)		1711.085	1733.915	1710-1780	PASS

	Extreme (0℃)		1711.091	1733.909	1710-1780	PASS
	Extreme (-10℃)		1711.014	1733.986	1710-1780	PASS
	Extreme (-20℃)		1711.076	1733.924	1710-1780	PASS
	Extreme (-30℃)		1711.047	1733.953	1710-1780	PASS
	25℃	LV	1711.017	1733.983	1710-1780	PASS
		HV	1711.044	1733.956	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1725	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1710.695	1739.305	1710-1780	PASS
	Extreme (40℃)		1710.614	1739.386	1710-1780	PASS
	Extreme (30℃)		1710.721	1739.279	1710-1780	PASS
	Extreme (20℃)		1710.726	1739.274	1710-1780	PASS
	Extreme (10℃)		1710.657	1739.343	1710-1780	PASS
	Extreme (0℃)		1710.604	1739.396	1710-1780	PASS
	Extreme (-10℃)		1710.666	1739.334	1710-1780	PASS
	Extreme (-20℃)		1710.600	1739.400	1710-1780	PASS
	Extreme (-30℃)		1710.655	1739.345	1710-1780	PASS
	25℃	LV	1710.654	1739.346	1710-1780	PASS
		HV	1710.667	1739.333	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1730	BANDWIDTH	40MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1710.745	1749.255	1710-1780	PASS
	Extreme (40℃)		1710.659	1749.341	1710-1780	PASS
	Extreme (30℃)		1710.684	1749.316	1710-1780	PASS
	Extreme (20℃)		1710.739	1749.261	1710-1780	PASS
	Extreme (10℃)		1710.633	1749.367	1710-1780	PASS
	Extreme (0℃)		1710.647	1749.353	1710-1780	PASS
	Extreme (-10℃)		1710.764	1749.236	1710-1780	PASS
	Extreme (-20℃)		1710.625	1749.375	1710-1780	PASS
	Extreme (-30℃)		1710.795	1749.205	1710-1780	PASS
	25℃	LV	1710.647	1749.353	1710-1780	PASS
		HV	1710.721	1749.279	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1777.5	BANDWIDTH	5MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	1775.271	1779.729	1710-1780	PASS
	Extreme (40°C)		1775.261	1779.739	1710-1780	PASS
	Extreme (30°C)		1775.263	1779.737	1710-1780	PASS
	Extreme (20°C)		1775.219	1779.781	1710-1780	PASS
	Extreme (10°C)		1775.238	1779.762	1710-1780	PASS
	Extreme (0°C)		1775.233	1779.767	1710-1780	PASS
	Extreme (-10°C)		1775.293	1779.707	1710-1780	PASS
	Extreme (-20°C)		1775.292	1779.708	1710-1780	PASS
	Extreme (-30°C)		1775.245	1779.755	1710-1780	PASS
	25°C	LV	1775.273	1779.727	1710-1780	PASS
		HV	1775.239	1779.761	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	BANDWIDTH	10MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	1770.664	1779.336	1710-1780	PASS
	Extreme (40°C)		1770.660	1779.340	1710-1780	PASS
	Extreme (30°C)		1770.639	1779.361	1710-1780	PASS
	Extreme (20°C)		1770.637	1779.363	1710-1780	PASS
	Extreme (10°C)		1770.615	1779.385	1710-1780	PASS
	Extreme (0°C)		1770.657	1779.343	1710-1780	PASS
	Extreme (-10°C)		1770.666	1779.334	1710-1780	PASS
	Extreme (-20°C)		1770.629	1779.371	1710-1780	PASS
	Extreme (-30°C)		1770.628	1779.372	1710-1780	PASS
	25°C	LV	1770.646	1779.354	1710-1780	PASS
		HV	1770.617	1779.383	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	1765.655	1779.345	1710-1780	PASS
	Extreme (40°C)		1765.675	1779.325	1710-1780	PASS
	Extreme (30°C)		1765.625	1779.375	1710-1780	PASS
	Extreme (20°C)		1765.603	1779.397	1710-1780	PASS
	Extreme (10°C)		1765.689	1779.311	1710-1780	PASS
	Extreme (0°C)		1765.688	1779.312	1710-1780	PASS
	Extreme (-10°C)		1765.613	1779.387	1710-1780	PASS

	Extreme (-20℃)		1765.683	1779.317	1710-1780	PASS
	Extreme (-30℃)		1765.614	1779.386	1710-1780	PASS
	25℃	LV	1765.675	1779.325	1710-1780	PASS
		HV	1765.648	1779.352	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℃)	NV	1760.801	1779.199	1710-1780	PASS
	Extreme (40℃)		1760.876	1779.124	1710-1780	PASS
	Extreme (30℃)		1760.821	1779.179	1710-1780	PASS
	Extreme (20℃)		1760.881	1779.119	1710-1780	PASS
	Extreme (10℃)		1760.824	1779.176	1710-1780	PASS
	Extreme (0℃)		1760.831	1779.169	1710-1780	PASS
	Extreme (-10℃)		1760.830	1779.170	1710-1780	PASS
	Extreme (-20℃)		1760.887	1779.113	1710-1780	PASS
	Extreme (-30℃)		1760.809	1779.191	1710-1780	PASS
	25℃	LV	1760.887	1779.113	1710-1780	PASS
		HV	1760.816	1779.184	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1767.5	BANDWIDTH	25MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	1756.041	1778.959	1710-1780	PASS
	Extreme (40℃)		1756.061	1778.939	1710-1780	PASS
	Extreme (30℃)		1756.043	1778.957	1710-1780	PASS
	Extreme (20℃)		1756.044	1778.956	1710-1780	PASS
	Extreme (10℃)		1756.046	1778.954	1710-1780	PASS
	Extreme (0℃)		1756.022	1778.978	1710-1780	PASS
	Extreme (-10℃)		1756.003	1778.997	1710-1780	PASS
	Extreme (-20℃)		1756.080	1778.920	1710-1780	PASS
	Extreme (-30℃)		1756.016	1778.984	1710-1780	PASS
	25℃	LV	1756.093	1778.907	1710-1780	PASS
		HV	1756.064	1778.936	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1765	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			

	Extreme (50°C)	NV	1750.725	1779.275	1710-1780	PASS
	Extreme (40°C)		1750.681	1779.319	1710-1780	PASS
	Extreme (30°C)		1750.646	1779.354	1710-1780	PASS
	Extreme (20°C)		1750.645	1779.355	1710-1780	PASS
	Extreme (10°C)		1750.640	1779.360	1710-1780	PASS
	Extreme (0°C)		1750.617	1779.383	1710-1780	PASS
	Extreme (-10°C)		1750.747	1779.253	1710-1780	PASS
	Extreme (-20°C)		1750.643	1779.357	1710-1780	PASS
	Extreme (-30°C)		1750.748	1779.252	1710-1780	PASS
	25°C	LV	1750.684	1779.316	1710-1780	PASS
		HV	1750.734	1779.266	1710-1780	PASS
NR N66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1760	BANDWIDTH	40MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1740.683	1779.317	1710-1780	PASS
	Extreme (40°C)		1740.727	1779.273	1710-1780	PASS
	Extreme (30°C)		1740.612	1779.388	1710-1780	PASS
	Extreme (20°C)		1740.620	1779.380	1710-1780	PASS
	Extreme (10°C)		1740.777	1779.223	1710-1780	PASS
	Extreme (0°C)		1740.674	1779.326	1710-1780	PASS
	Extreme (-10°C)		1740.600	1779.400	1710-1780	PASS
	Extreme (-20°C)		1740.792	1779.208	1710-1780	PASS
	Extreme (-30°C)		1740.664	1779.336	1710-1780	PASS
	25°C	LV	1740.707	1779.293	1710-1780	PASS
		HV	1740.796	1779.204	1710-1780	PASS

NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3455	BANDWIDTH	10MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3450.688	3459.312	3450-3550	PASS
	Extreme (40°C)		3450.638	3459.362	3450-3550	PASS
	Extreme (30°C)		3450.673	3459.327	3450-3550	PASS
	Extreme (20°C)		3450.638	3459.362	3450-3550	PASS
	Extreme (10°C)		3450.651	3459.349	3450-3550	PASS
	Extreme (0°C)		3450.620	3459.380	3450-3550	PASS
	Extreme (-10°C)		3450.662	3459.338	3450-3550	PASS
	Extreme (-20°C)		3450.639	3459.361	3450-3550	PASS
	Extreme (-30°C)		3450.601	3459.399	3450-3550	PASS
	25°C	LV	3450.621	3459.379	3450-3550	PASS

		HV	3450.624	3459.376	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3457.5	BANDWIDTH	15MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3450.694	3464.306	3450-3550	PASS
	Extreme (40°C)		3450.646	3464.354	3450-3550	PASS
	Extreme (30°C)		3450.634	3464.366	3450-3550	PASS
	Extreme (20°C)		3450.677	3464.323	3450-3550	PASS
	Extreme (10°C)		3450.691	3464.309	3450-3550	PASS
	Extreme (0°C)		3450.654	3464.346	3450-3550	PASS
	Extreme (-10°C)		3450.680	3464.320	3450-3550	PASS
	Extreme (-20°C)		3450.671	3464.329	3450-3550	PASS
	Extreme (-30°C)		3450.631	3464.369	3450-3550	PASS
	25°C	LV	3450.666	3464.334	3450-3550	PASS
		HV	3450.640	3464.360	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3460	BANDWIDTH	20MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3450.820	3469.180	3450-3550	PASS
	Extreme (40°C)		3450.806	3469.194	3450-3550	PASS
	Extreme (30°C)		3450.831	3469.169	3450-3550	PASS
	Extreme (20°C)		3450.807	3469.193	3450-3550	PASS
	Extreme (10°C)		3450.895	3469.105	3450-3550	PASS
	Extreme (0°C)		3450.806	3469.194	3450-3550	PASS
	Extreme (-10°C)		3450.825	3469.175	3450-3550	PASS
	Extreme (-20°C)		3450.873	3469.127	3450-3550	PASS
	Extreme (-30°C)		3450.889	3469.111	3450-3550	PASS
	25°C	LV	3450.860	3469.140	3450-3550	PASS
		HV	3450.865	3469.135	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3462.51	BANDWIDTH	25MHz	DFT-QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	3450.908	3474.112	3450-3550	PASS
	Extreme (40°C)		3450.822	3474.198	3450-3550	PASS
	Extreme (30°C)		3450.874	3474.146	3450-3550	PASS

	Extreme (20℃)		3450.994	3474.026	3450-3550	PASS
	Extreme (10℃)		3450.840	3474.180	3450-3550	PASS
	Extreme (0℃)		3450.964	3474.056	3450-3550	PASS
	Extreme (-10℃)		3450.879	3474.141	3450-3550	PASS
	Extreme (-20℃)		3450.943	3474.077	3450-3550	PASS
	Extreme (-30℃)		3450.979	3474.041	3450-3550	PASS
	25℃	LV	3450.942	3474.078	3450-3550	PASS
		HV	3450.975	3474.045	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3465	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3451.008	3478.992	3450-3550	PASS
	Extreme (40℃)		3451.008	3478.992	3450-3550	PASS
	Extreme (30℃)		3451.047	3478.953	3450-3550	PASS
	Extreme (20℃)		3451.002	3478.998	3450-3550	PASS
	Extreme (10℃)		3451.027	3478.973	3450-3550	PASS
	Extreme (0℃)		3451.019	3478.981	3450-3550	PASS
	Extreme (-10℃)		3451.011	3478.989	3450-3550	PASS
	Extreme (-20℃)		3451.040	3478.960	3450-3550	PASS
	Extreme (-30℃)		3451.004	3478.996	3450-3550	PASS
	25℃	LV	3451.012	3478.988	3450-3550	PASS
	HV	3451.034	3478.966	3450-3550	PASS	
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3470	BANDWIDTH	40MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3452.049	3487.951	3450-3550	PASS
	Extreme (40℃)		3452.100	3487.900	3450-3550	PASS
	Extreme (30℃)		3452.062	3487.938	3450-3550	PASS
	Extreme (20℃)		3452.007	3487.993	3450-3550	PASS
	Extreme (10℃)		3452.089	3487.911	3450-3550	PASS
	Extreme (0℃)		3452.032	3487.968	3450-3550	PASS
	Extreme (-10℃)		3452.096	3487.904	3450-3550	PASS
	Extreme (-20℃)		3452.045	3487.955	3450-3550	PASS
	Extreme (-30℃)		3452.093	3487.907	3450-3550	PASS
	25℃	LV	3452.046	3487.954	3450-3550	PASS
	HV	3452.071	3487.929	3450-3550	PASS	
NR N78	Condition		F Low	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)	(MHz)		
3475	BANDWIDTH	50MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3451.286	3498.714	3450-3550	PASS
	Extreme (40℃)		3451.252	3498.748	3450-3550	PASS
	Extreme (30℃)		3451.254	3498.746	3450-3550	PASS
	Extreme (20℃)		3451.261	3498.739	3450-3550	PASS
	Extreme (10℃)		3451.252	3498.748	3450-3550	PASS
	Extreme (0℃)		3451.271	3498.729	3450-3550	PASS
	Extreme (-10℃)		3451.260	3498.740	3450-3550	PASS
	Extreme (-20℃)		3451.285	3498.715	3450-3550	PASS
	Extreme (-30℃)		3451.285	3498.715	3450-3550	PASS
	25℃	LV	3451.261	3498.739	3450-3550	PASS
		HV	3451.279	3498.721	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3480	BANDWIDTH	60MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3451.031	3508.969	3450-3550	PASS
	Extreme (40℃)		3451.000	3509.000	3450-3550	PASS
	Extreme (30℃)		3451.018	3508.982	3450-3550	PASS
	Extreme (20℃)		3451.037	3508.963	3450-3550	PASS
	Extreme (10℃)		3451.032	3508.968	3450-3550	PASS
	Extreme (0℃)		3451.021	3508.979	3450-3550	PASS
	Extreme (-10℃)		3451.041	3508.959	3450-3550	PASS
	Extreme (-20℃)		3451.049	3508.951	3450-3550	PASS
	Extreme (-30℃)		3451.012	3508.988	3450-3550	PASS
	25℃	LV	3451.020	3508.980	3450-3550	PASS
		HV	3451.040	3508.960	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3485	BANDWIDTH	70MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3451.200	3518.800	3450-3550	PASS
	Extreme (40℃)		3451.168	3518.832	3450-3550	PASS
	Extreme (30℃)		3451.243	3518.757	3450-3550	PASS
	Extreme (20℃)		3451.175	3518.825	3450-3550	PASS
	Extreme (10℃)		3451.222	3518.778	3450-3550	PASS
	Extreme (0℃)		3451.216	3518.784	3450-3550	PASS

	Extreme (-10°C)		3451.219	3518.781	3450-3550	PASS
	Extreme (-20°C)		3451.181	3518.819	3450-3550	PASS
	Extreme (-30°C)		3451.188	3518.812	3450-3550	PASS
	25°C	LV	3451.173	3518.827	3450-3550	PASS
		HV	3451.155	3518.845	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3490	BANDWIDTH	80MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3451.181	3528.819	3450-3550	PASS
	Extreme (40°C)		3451.226	3528.774	3450-3550	PASS
	Extreme (30°C)		3451.175	3528.825	3450-3550	PASS
	Extreme (20°C)		3451.183	3528.817	3450-3550	PASS
	Extreme (10°C)		3451.188	3528.812	3450-3550	PASS
	Extreme (0°C)		3451.159	3528.841	3450-3550	PASS
	Extreme (-10°C)		3451.235	3528.765	3450-3550	PASS
	Extreme (-20°C)		3451.159	3528.841	3450-3550	PASS
	Extreme (-30°C)		3451.206	3528.794	3450-3550	PASS
	25°C	LV	3451.182	3528.818	3450-3550	PASS
		HV	3451.211	3528.789	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3495	BANDWIDTH	90MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3451.149	3538.851	3450-3550	PASS
	Extreme (40°C)		3451.109	3538.891	3450-3550	PASS
	Extreme (30°C)		3451.197	3538.803	3450-3550	PASS
	Extreme (20°C)		3451.132	3538.868	3450-3550	PASS
	Extreme (10°C)		3451.170	3538.830	3450-3550	PASS
	Extreme (0°C)		3451.112	3538.888	3450-3550	PASS
	Extreme (-10°C)		3451.146	3538.854	3450-3550	PASS
	Extreme (-20°C)		3451.185	3538.815	3450-3550	PASS
	Extreme (-30°C)		3451.173	3538.827	3450-3550	PASS
	25°C	LV	3451.146	3538.854	3450-3550	PASS
		HV	3451.119	3538.881	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3500	BANDWIDTH	100MHz				

	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3451.122	3548.878	3450-3550	PASS
	Extreme (40℃)		3451.114	3548.886	3450-3550	PASS
	Extreme (30℃)		3451.133	3548.867	3450-3550	PASS
	Extreme (20℃)		3451.140	3548.860	3450-3550	PASS
	Extreme (10℃)		3451.137	3548.863	3450-3550	PASS
	Extreme (0℃)		3451.150	3548.850	3450-3550	PASS
	Extreme (-10℃)		3451.102	3548.898	3450-3550	PASS
	Extreme (-20℃)		3451.132	3548.868	3450-3550	PASS
	Extreme (-30℃)		3451.121	3548.879	3450-3550	PASS
25℃	LV	3451.110	3548.890	3450-3550	PASS	
	HV	3451.141	3548.859	3450-3550	PASS	
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3545	BANDWIDTH	10MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3540.690	3549.310	3450-3550	PASS
	Extreme (40℃)		3540.651	3549.349	3450-3550	PASS
	Extreme (30℃)		3540.638	3549.362	3450-3550	PASS
	Extreme (20℃)		3540.648	3549.352	3450-3550	PASS
	Extreme (10℃)		3540.611	3549.389	3450-3550	PASS
	Extreme (0℃)		3540.664	3549.336	3450-3550	PASS
	Extreme (-10℃)		3540.666	3549.334	3450-3550	PASS
	Extreme (-20℃)		3540.674	3549.326	3450-3550	PASS
	Extreme (-30℃)		3540.642	3549.358	3450-3550	PASS
	25℃	LV	3540.681	3549.319	3450-3550	PASS
HV		3540.683	3549.317	3450-3550	PASS	
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3542.5	BANDWIDTH	15MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3535.681	3549.319	3450-3550	PASS
	Extreme (40℃)		3535.635	3549.365	3450-3550	PASS
	Extreme (30℃)		3535.606	3549.394	3450-3550	PASS
	Extreme (20℃)		3535.666	3549.334	3450-3550	PASS
	Extreme (10℃)		3535.603	3549.397	3450-3550	PASS
	Extreme (0℃)		3535.609	3549.391	3450-3550	PASS
	Extreme (-10℃)		3535.687	3549.313	3450-3550	PASS
	Extreme (-20℃)		3535.666	3549.334	3450-3550	PASS
	Extreme (-30℃)		3535.633	3549.367	3450-3550	PASS

	25°C	LV	3535.661	3549.339	3450-3550	PASS
		HV	3535.601	3549.399	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3540	BANDWIDTH	20MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3530.813	3549.187	3450-3550	PASS
	Extreme (40°C)		3530.892	3549.108	3450-3550	PASS
	Extreme (30°C)		3530.892	3549.108	3450-3550	PASS
	Extreme (20°C)		3530.899	3549.101	3450-3550	PASS
	Extreme (10°C)		3530.860	3549.140	3450-3550	PASS
	Extreme (0°C)		3530.839	3549.161	3450-3550	PASS
	Extreme (-10°C)		3530.858	3549.142	3450-3550	PASS
	Extreme (-20°C)		3530.858	3549.142	3450-3550	PASS
	Extreme (-30°C)		3530.875	3549.125	3450-3550	PASS
	25°C	LV	3530.857	3549.143	3450-3550	PASS
		HV	3530.833	3549.167	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3537.48	BANDWIDTH	25MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3525.951	3549.009	3450-3550	PASS
	Extreme (40°C)		3525.798	3549.162	3450-3550	PASS
	Extreme (30°C)		3525.887	3549.073	3450-3550	PASS
	Extreme (20°C)		3525.966	3548.994	3450-3550	PASS
	Extreme (10°C)		3525.914	3549.046	3450-3550	PASS
	Extreme (0°C)		3525.934	3549.026	3450-3550	PASS
	Extreme (-10°C)		3525.802	3549.158	3450-3550	PASS
	Extreme (-20°C)		3525.806	3549.154	3450-3550	PASS
	Extreme (-30°C)		3525.816	3549.144	3450-3550	PASS
	25°C	LV	3525.875	3549.085	3450-3550	PASS
		HV	3525.889	3549.071	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3535	BANDWIDTH	30MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50°C)	NV	3521.046	3548.954	3450-3550	PASS
	Extreme (40°C)		3521.024	3548.976	3450-3550	PASS

	Extreme (30°C)		3521.022	3548.978	3450-3550	PASS
	Extreme (20°C)		3521.040	3548.960	3450-3550	PASS
	Extreme (10°C)		3521.004	3548.996	3450-3550	PASS
	Extreme (0°C)		3521.006	3548.994	3450-3550	PASS
	Extreme (-10°C)		3521.042	3548.958	3450-3550	PASS
	Extreme (-20°C)		3521.039	3548.961	3450-3550	PASS
	Extreme (-30°C)		3521.018	3548.982	3450-3550	PASS
	25°C	LV	3521.033	3548.967	3450-3550	PASS
		HV	3521.006	3548.994	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3530	BANDWIDTH	40MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3512.096	3547.904	3450-3550	PASS
	Extreme (40°C)		3512.096	3547.904	3450-3550	PASS
	Extreme (30°C)		3512.069	3547.931	3450-3550	PASS
	Extreme (20°C)		3512.037	3547.963	3450-3550	PASS
	Extreme (10°C)		3512.052	3547.948	3450-3550	PASS
	Extreme (0°C)		3512.042	3547.958	3450-3550	PASS
	Extreme (-10°C)		3512.085	3547.915	3450-3550	PASS
	Extreme (-20°C)		3512.015	3547.985	3450-3550	PASS
	Extreme (-30°C)		3512.043	3547.957	3450-3550	PASS
	25°C	LV	3512.025	3547.975	3450-3550	PASS
		HV	3512.092	3547.908	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3525	BANDWIDTH	50MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3501.259	3548.741	3450-3550	PASS
	Extreme (40°C)		3501.265	3548.735	3450-3550	PASS
	Extreme (30°C)		3501.259	3548.741	3450-3550	PASS
	Extreme (20°C)		3501.279	3548.721	3450-3550	PASS
	Extreme (10°C)		3501.271	3548.729	3450-3550	PASS
	Extreme (0°C)		3501.298	3548.702	3450-3550	PASS
	Extreme (-10°C)		3501.253	3548.747	3450-3550	PASS
	Extreme (-20°C)		3501.261	3548.739	3450-3550	PASS
	Extreme (-30°C)		3501.274	3548.726	3450-3550	PASS
	25°C	LV	3501.260	3548.740	3450-3550	PASS
		HV	3501.287	3548.713	3450-3550	PASS

NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3520	BANDWIDTH	60MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3491.026	3548.974	3450-3550	PASS
	Extreme (40°C)		3491.016	3548.984	3450-3550	PASS
	Extreme (30°C)		3491.012	3548.988	3450-3550	PASS
	Extreme (20°C)		3491.004	3548.996	3450-3550	PASS
	Extreme (10°C)		3491.025	3548.975	3450-3550	PASS
	Extreme (0°C)		3491.041	3548.959	3450-3550	PASS
	Extreme (-10°C)		3491.039	3548.961	3450-3550	PASS
	Extreme (-20°C)		3491.036	3548.964	3450-3550	PASS
	Extreme (-30°C)		3491.010	3548.990	3450-3550	PASS
	25°C	LV	3491.044	3548.956	3450-3550	PASS
		HV	3491.042	3548.958	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3515	BANDWIDTH	70MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3481.182	3548.818	3450-3550	PASS
	Extreme (40°C)		3481.203	3548.797	3450-3550	PASS
	Extreme (30°C)		3481.209	3548.791	3450-3550	PASS
	Extreme (20°C)		3481.246	3548.754	3450-3550	PASS
	Extreme (10°C)		3481.247	3548.753	3450-3550	PASS
	Extreme (0°C)		3481.217	3548.783	3450-3550	PASS
	Extreme (-10°C)		3481.175	3548.825	3450-3550	PASS
	Extreme (-20°C)		3481.231	3548.769	3450-3550	PASS
	Extreme (-30°C)		3481.183	3548.817	3450-3550	PASS
	25°C	LV	3481.210	3548.790	3450-3550	PASS
		HV	3481.208	3548.792	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3510	BANDWIDTH	80MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	3471.231	3548.769	3450-3550	PASS
	Extreme (40°C)		3471.216	3548.784	3450-3550	PASS
	Extreme (30°C)		3471.227	3548.773	3450-3550	PASS
	Extreme (20°C)		3471.206	3548.794	3450-3550	PASS
	Extreme (10°C)		3471.168	3548.832	3450-3550	PASS

	Extreme (0℃)		3471.232	3548.768	3450-3550	PASS
	Extreme (-10℃)		3471.235	3548.765	3450-3550	PASS
	Extreme (-20℃)		3471.216	3548.784	3450-3550	PASS
	Extreme (-30℃)		3471.164	3548.836	3450-3550	PASS
	25℃	LV	3471.171	3548.829	3450-3550	PASS
		HV	3471.208	3548.792	3450-3550	PASS
NR N78 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
3505	BANDWIDTH	90MHz				
	Temperature	Voltage	DFT-QPSK			
	Extreme (50℃)	NV	3461.148	3548.852	3450-3550	PASS
	Extreme (40℃)		3461.183	3548.817	3450-3550	PASS
	Extreme (30℃)		3461.149	3548.851	3450-3550	PASS
	Extreme (20℃)		3461.101	3548.899	3450-3550	PASS
	Extreme (10℃)		3461.161	3548.839	3450-3550	PASS
	Extreme (0℃)		3461.172	3548.828	3450-3550	PASS
	Extreme (-10℃)		3461.106	3548.894	3450-3550	PASS
	Extreme (-20℃)		3461.107	3548.893	3450-3550	PASS
	Extreme (-30℃)		3461.152	3548.848	3450-3550	PASS
	25℃	LV	3461.153	3548.847	3450-3550	PASS
		HV	3461.112	3548.888	3450-3550	PASS