



N7-15MHz-64QAM-507000-75RB#0



N7-15MHz-256QAM-507000-75RB#0



N7-15MHz-BPSK-507000-75RB#0



N7-20MHz-QPSK-507000-100RB#0



N7-20MHz-16QAM-507000-100RB#0



N7-20MHz-64QAM-507000-100RB#0



N7-20MHz-BPSK-507000-100RB#0



N7-20MHz-256QAM-507000-100RB#0



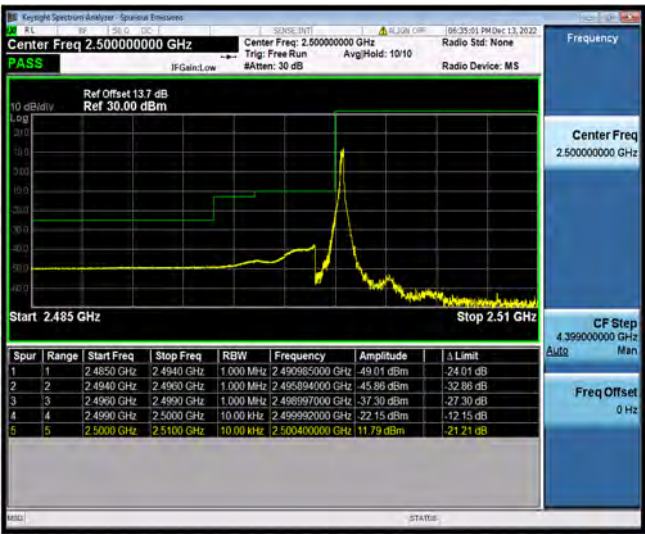
Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N7	5MHz	QPSK	500500	1RB#0	-49.01,-45.86,-37.30,-22.15	PASS
N7	5MHz	QPSK	500500	1RB#24	-49.30,-49.18,-48.51,-61.62	PASS
N7	5MHz	QPSK	500500	25RB#0	-43.75,-36.84,-30.34,-32.39	PASS
N7	5MHz	QPSK	513500	1RB#0	-62.27,-48.57,-49.17,-49.12	PASS
N7	5MHz	QPSK	513500	1RB#24	-27.27,-37.54,-48.36,-49.04	PASS
N7	5MHz	QPSK	513500	25RB#0	-30.12,-29.46,-40.31,-42.98	PASS
N7	5MHz	16QAM	500500	1RB#0	-48.85,-45.97,-38.23,-32.94	PASS
N7	5MHz	16QAM	500500	1RB#24	-49.37,-49.07,-48.61,-61.41	PASS
N7	5MHz	16QAM	500500	25RB#0	-42.12,-34.98,-30.62,-33.29	PASS
N7	5MHz	16QAM	513500	1RB#0	-60.39,-48.27,-49.22,-49.23	PASS
N7	5MHz	16QAM	513500	1RB#24	-34.04,-38.76,-47.06,-48.77	PASS
N7	5MHz	16QAM	513500	25RB#0	-32.83,-30.15,-39.23,-42.25	PASS
N7	10MHz	QPSK	501000	1RB#0	-49.21,-47.37,-38.03,-22.94	PASS
N7	10MHz	QPSK	501000	50RB#0	-46.80,-31.36,-27.98,-29.40	PASS
N7	10MHz	QPSK	513000	1RB#49	-26.58,-38.73,-48.39,-49.32	PASS
N7	10MHz	QPSK	513000	50RB#0	-29.03,-26.30,-32.39,-41.40	PASS
N7	20MHz	QPSK	502000	1RB#0	-48.91,-47.16,-39.59,-32.27	PASS
N7	20MHz	QPSK	502000	100RB#0	-35.58,-31.87,-29.31,-31.47	PASS
N7	20MHz	QPSK	512000	1RB#99	-31.78,-40.30,-48.74,-49.66	PASS
N7	20MHz	QPSK	512000	100RB#0	-32.48,-30.03,-34.65,-49.00	PASS

Test Graphs

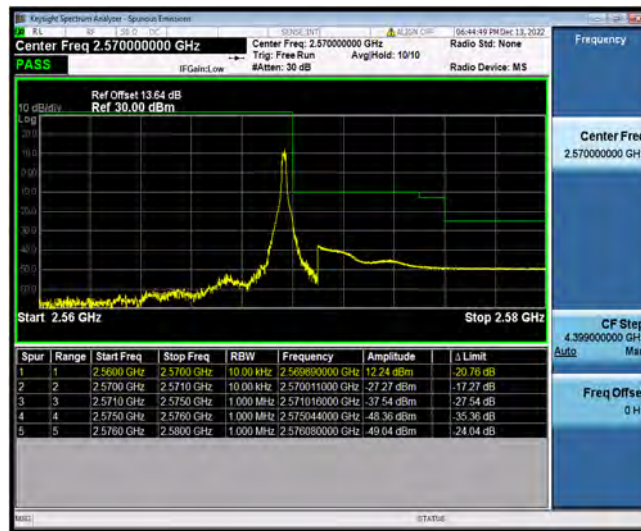
N7-5MHz-QPSK-500500-1RB#0



N7-5MHz-QPSK-500500-25RB#0



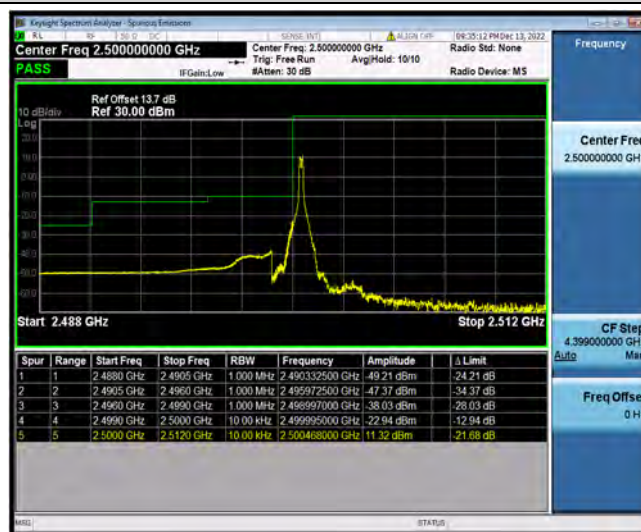
N7-5MHz-QPSK-513500-1RB#24



N7-5MHz-QPSK-513500-25RB#0



N7-10MHz-QPSK-501000-1RB#0



N7-10MHz-QPSK-501000-50RB#0



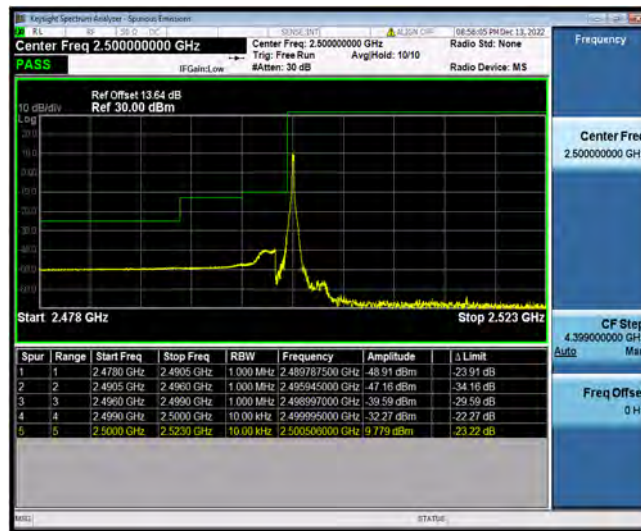
N7-10MHz-QPSK-513000-1RB#49



N7-10MHz-QPSK-513000-50RB#0



N7-20MHz-QPSK-502000-1RB#0



N7-20MHz-QPSK-502000-100RB#0



N7-20MHz-QPSK-512000-1RB#99



N7-20MHz-QPSK-512000-100RB#0



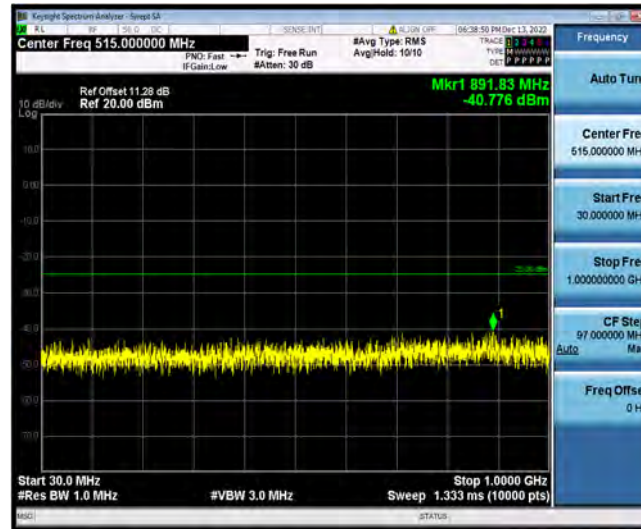
Conducted Spurious Emission

Test Result

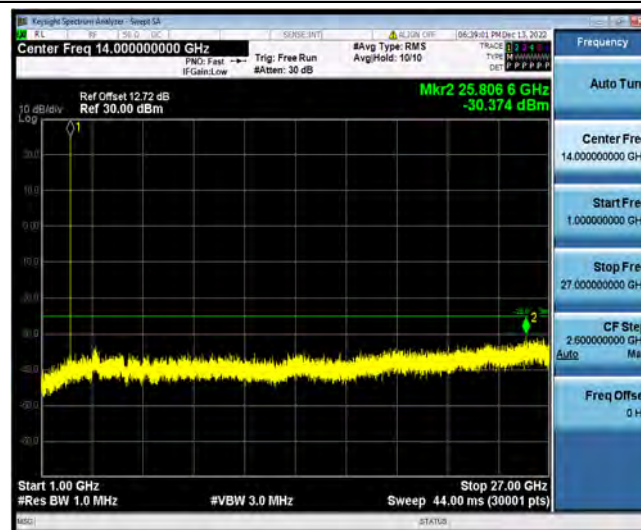
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N7	5MHz	QPSK	500500	1RB#0	Range1:30~1000MHz	-40.78	PASS
N7	5MHz	QPSK	500500	1RB#0	Range2:1000~27000MHz	-30.37	PASS
N7	5MHz	QPSK	507000	1RB#0	Range1:30~1000MHz	-40.53	PASS
N7	5MHz	QPSK	507000	1RB#0	Range2:1000~27000MHz	-30.86	PASS
N7	5MHz	QPSK	513500	1RB#0	Range1:30~1000MHz	-41.49	PASS
N7	5MHz	QPSK	513500	1RB#0	Range2:1000~27000MHz	-30.92	PASS
N7	10MHz	QPSK	501000	1RB#0	Range1:30~1000MHz	-39.89	PASS
N7	10MHz	QPSK	501000	1RB#0	Range2:1000~27000MHz	-31.01	PASS
N7	10MHz	QPSK	513000	1RB#0	Range1:30~1000MHz	-40.61	PASS
N7	10MHz	QPSK	513000	1RB#0	Range2:1000~27000MHz	-31.17	PASS
N7	20MHz	QPSK	502000	1RB#0	Range1:30~1000MHz	-41	PASS
N7	20MHz	QPSK	502000	1RB#0	Range2:1000~27000MHz	-30.81	PASS
N7	20MHz	QPSK	507000	1RB#0	Range1:30~1000MHz	-39.73	PASS
N7	20MHz	QPSK	507000	1RB#0	Range2:1000~27000MHz	-30.95	PASS
N7	20MHz	QPSK	512000	1RB#0	Range1:30~1000MHz	-40.65	PASS
N7	20MHz	QPSK	512000	1RB#0	Range2:1000~27000MHz	-30.29	PASS

Test Graphs

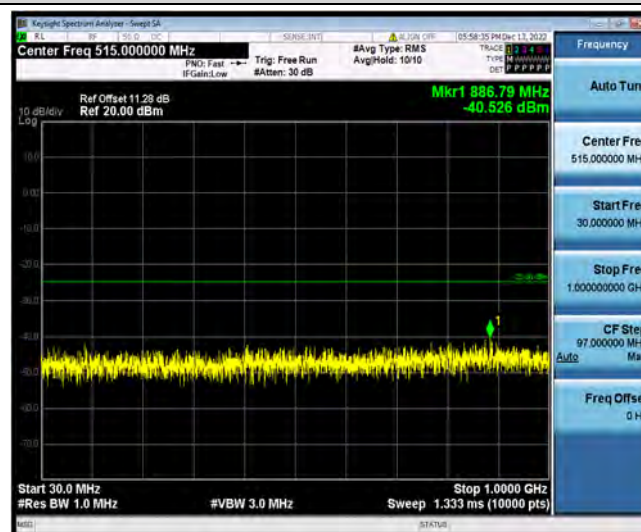
N7-5MHz-QPSK-500500-1RB#0-Range1:30~1000MHz



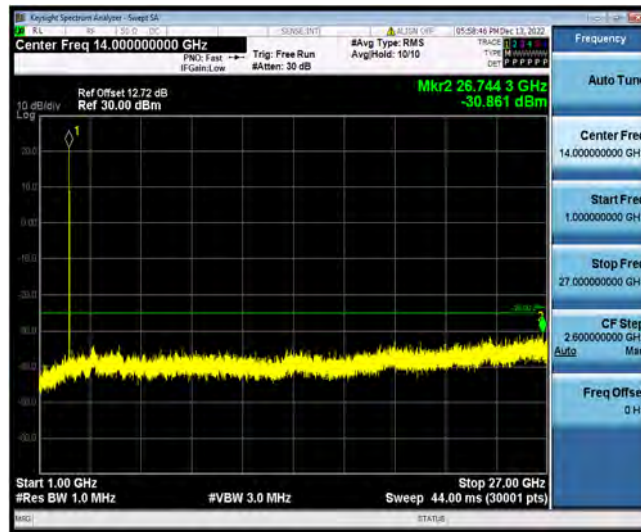
N7-5MHz-QPSK-500500-1RB#0-Range2:1000~27000MHz



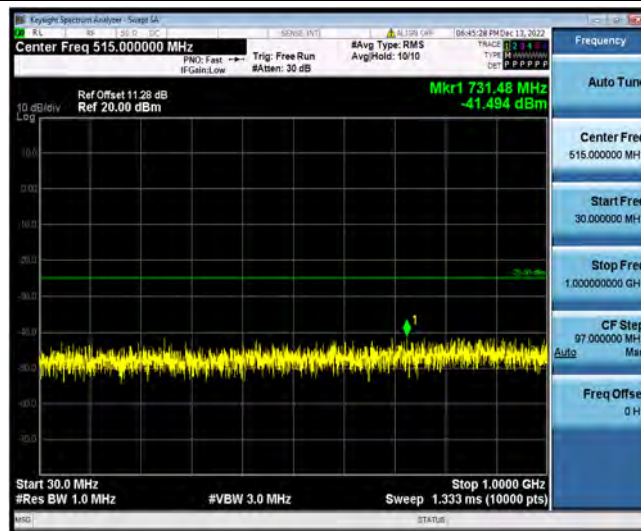
N7-5MHz-QPSK-507000-1RB#0-Range1:30~1000MHz



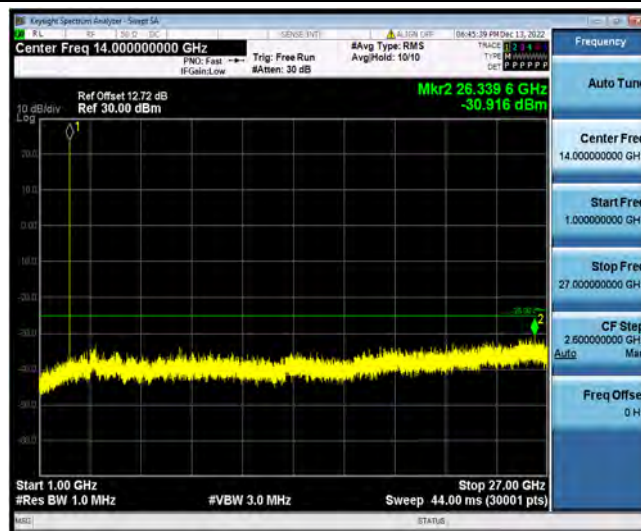
N7-5MHz-QPSK-507000-1RB#0-Range2:1000~27000MHz



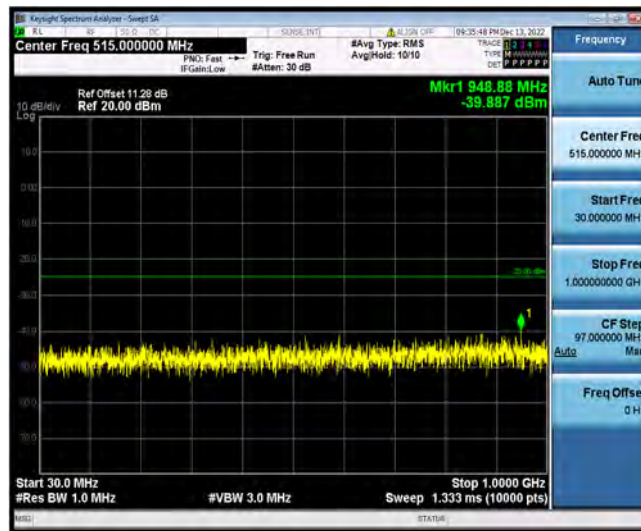
N7-5MHz-QPSK-513500-1RB#0-Range1:30~1000MHz



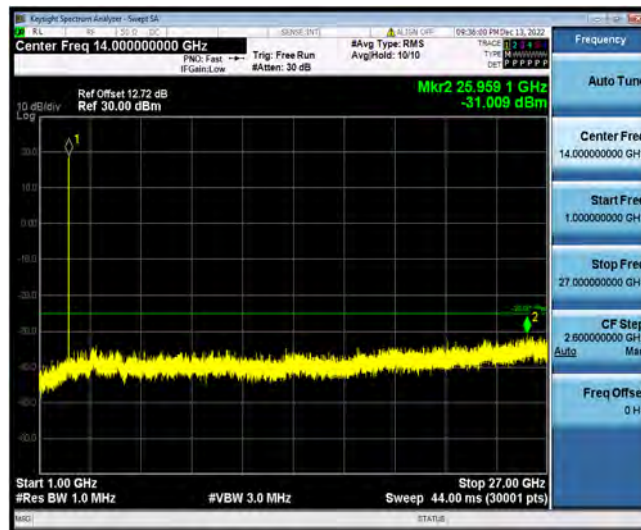
N7-5MHz-QPSK-513500-1RB#0-Range2:1000~27000MHz



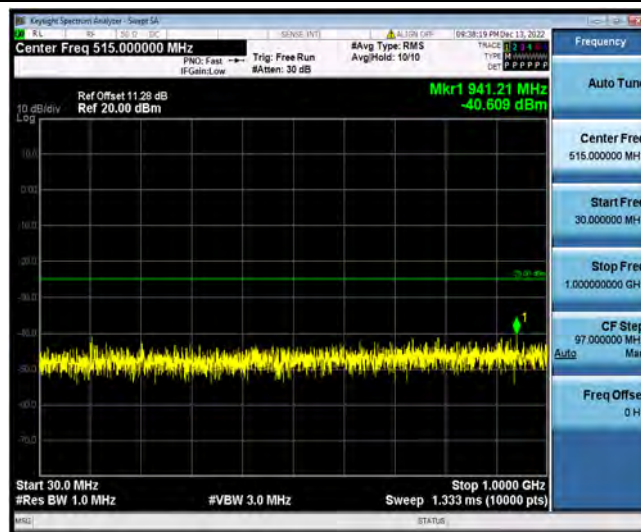
N7-10MHz-QPSK-501000-1RB#0-Range1:30~1000MHz



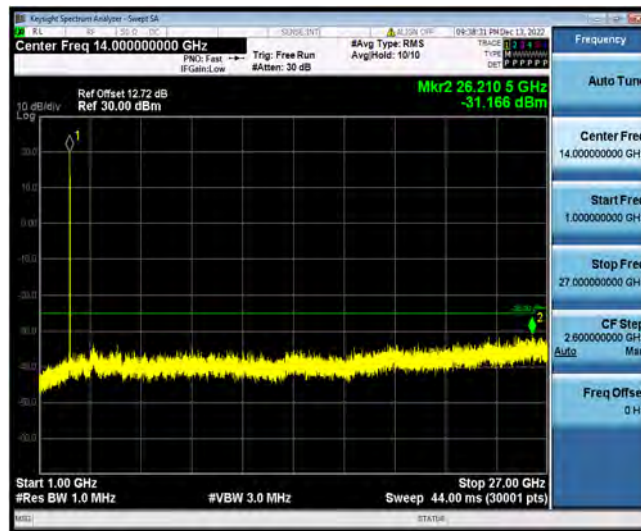
N7-10MHz-QPSK-501000-1RB#0-Range2:1000~27000MHz



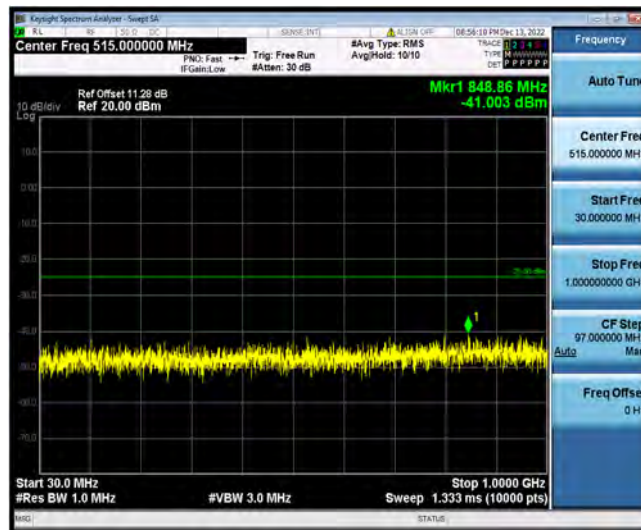
N7-10MHz-QPSK-513000-1RB#0-Range1:30~1000MHz



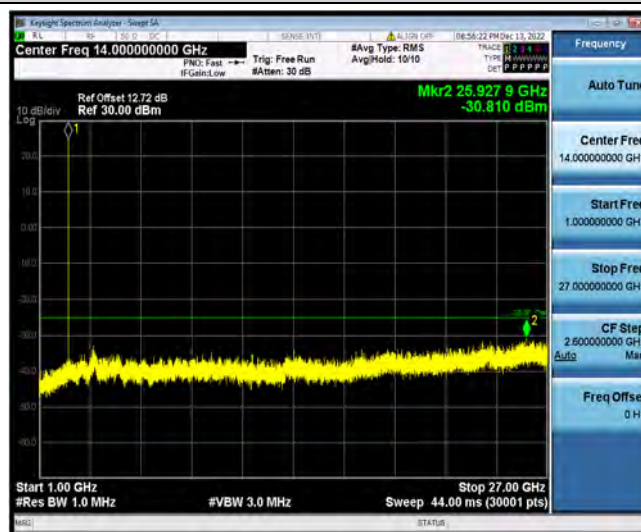
N7-10MHz-QPSK-513000-1RB#0-Range2:1000~27000MHz



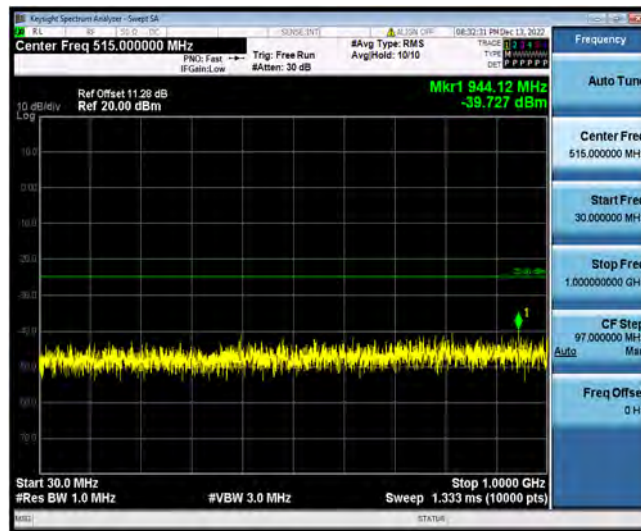
N7-20MHz-QPSK-502000-1RB#0-Range1:30~1000MHz



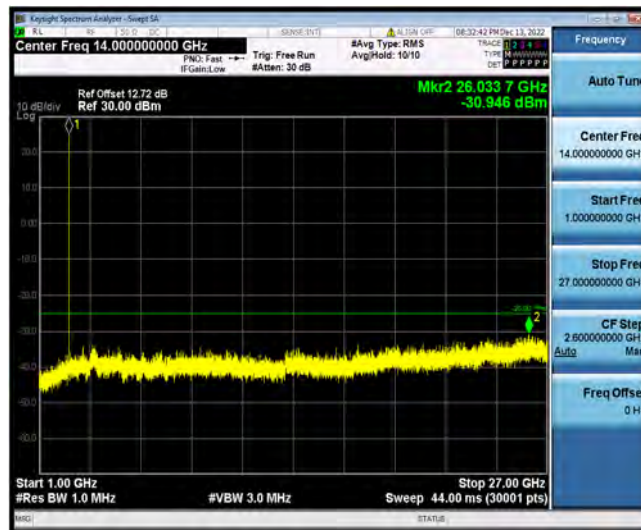
N7-20MHz-QPSK-502000-1RB#0-Range2:1000~27000MHz



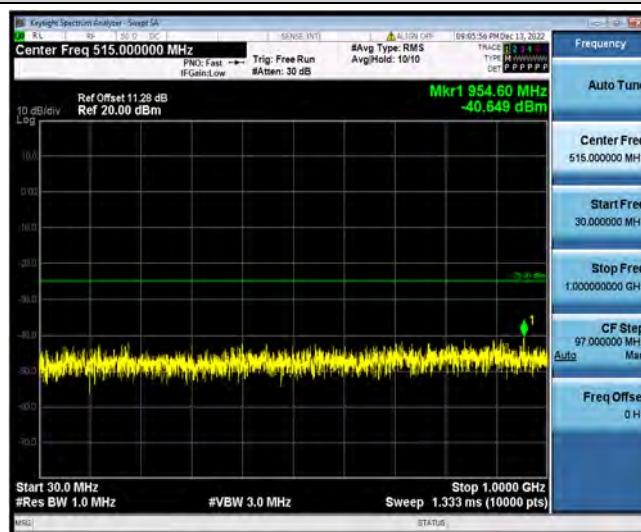
N7-20MHz-QPSK-507000-1RB#0-Range1:30~1000MHz



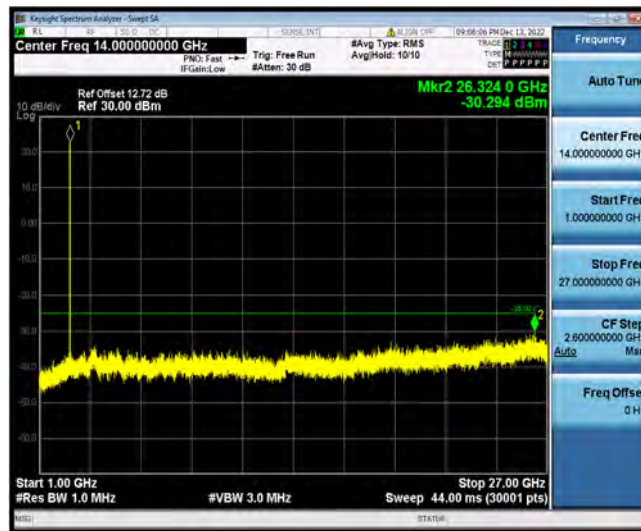
N7-20MHz-QPSK-507000-1RB#0-Range2:1000~27000MHz



N7-20MHz-QPSK-512000-1RB#0-Range1:30~1000MHz



N7-20MHz-QPSK-512000-1RB#0-Range2:1000~27000MHz



Frequency Stability

Test Result

Voltage&Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n7	20MHz	QPSK	50700 0	100RB#0	VL	NT	-7.97	-0.003145	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	VN	NT	0.80	0.000954	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	VH	NT	-0.06	-0.000066	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	-30	5.42	0.006484	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	-20	2.68	0.003201	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	0	6.68	0.007982	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	10	2.06	0.002467	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	20	1.22	0.001455	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	30	16.18	0.019342	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	40	2.07	0.002469	±2.5	PASS
n7	20MHz	QPSK	50700 0	100RB#0	NV	50	4.72	0.005648	±2.5	PASS

N12

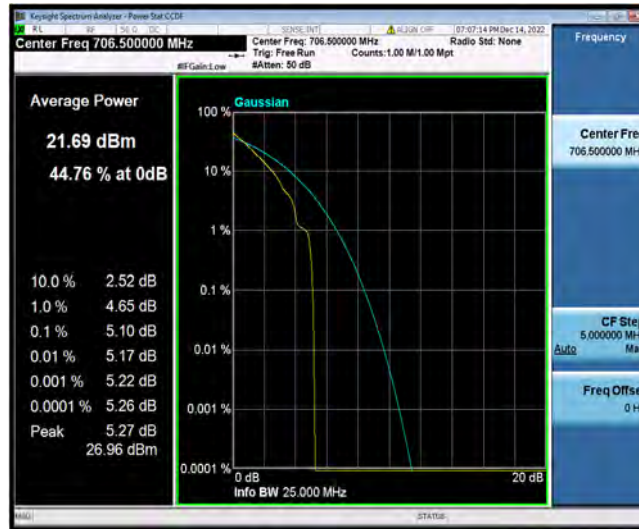
Peak-to-Average Ratio (CCDF)

Test Result

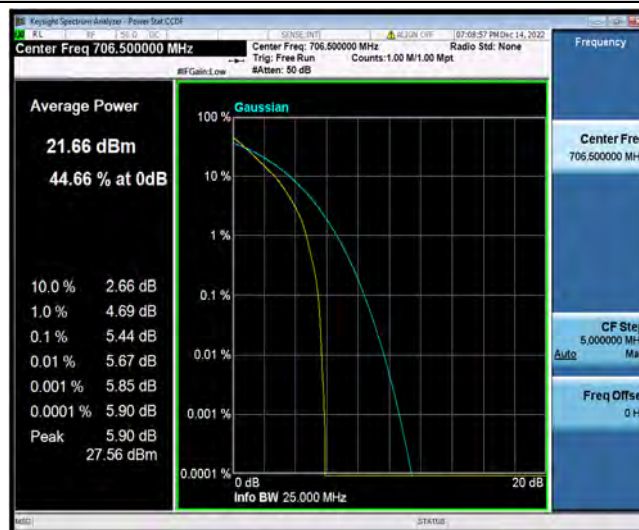
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N12	15MHz	QPSK	141300	1RB#0	5.10	13	PASS
N12	15MHz	QPSK	141300	75RB#0	5.44	13	PASS
N12	15MHz	QPSK	141500	1RB#0	5.31	13	PASS
N12	15MHz	QPSK	141500	75RB#0	4.67	13	PASS
N12	15MHz	QPSK	141700	1RB#0	5.12	13	PASS
N12	15MHz	QPSK	141700	75RB#0	4.64	13	PASS

Test Graphs

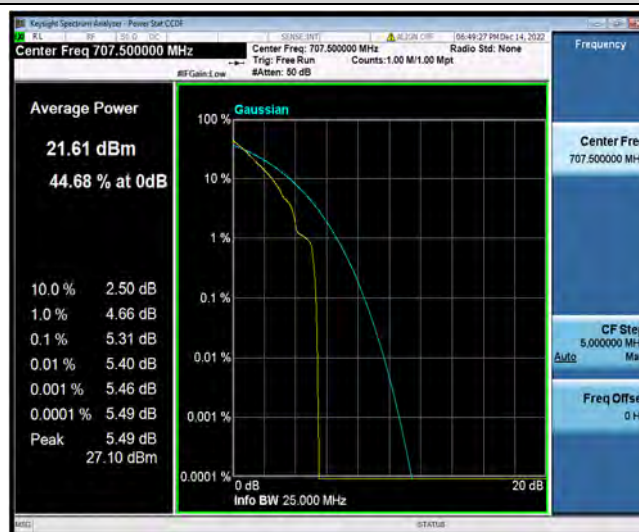
N12-15MHz-QPSK-141300-1RB#0



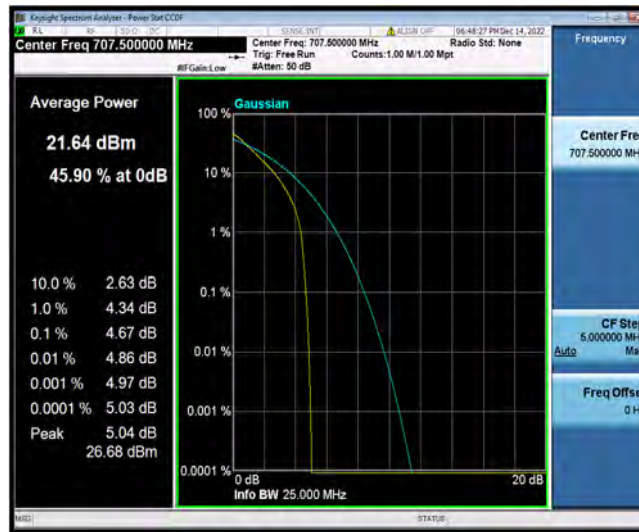
N12-15MHz-QPSK-141300-75RB#0



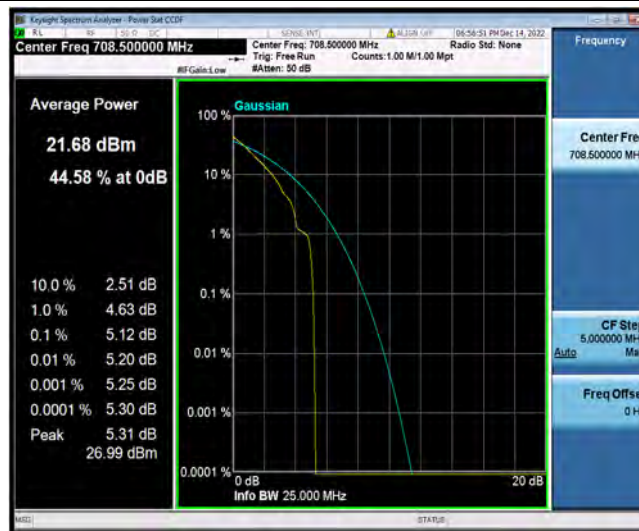
N12-15MHz-QPSK-141500-1RB#0



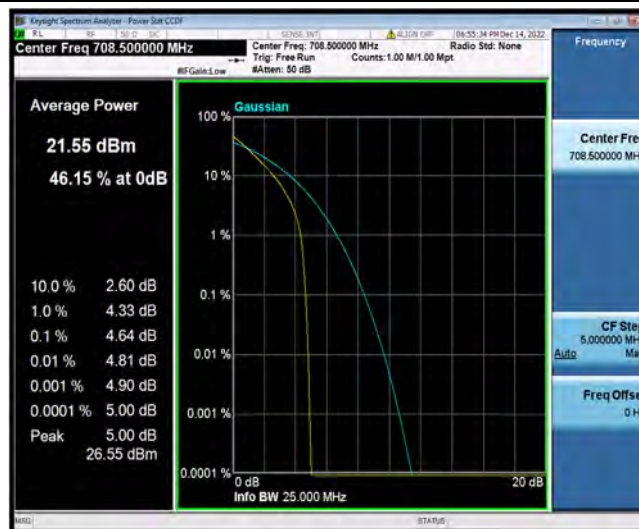
N12-15MHz-QPSK-141500-75RB#0



N12-15MHz-QPSK-141700-1RB#0



N12-15MHz-QPSK-141700-75RB#0

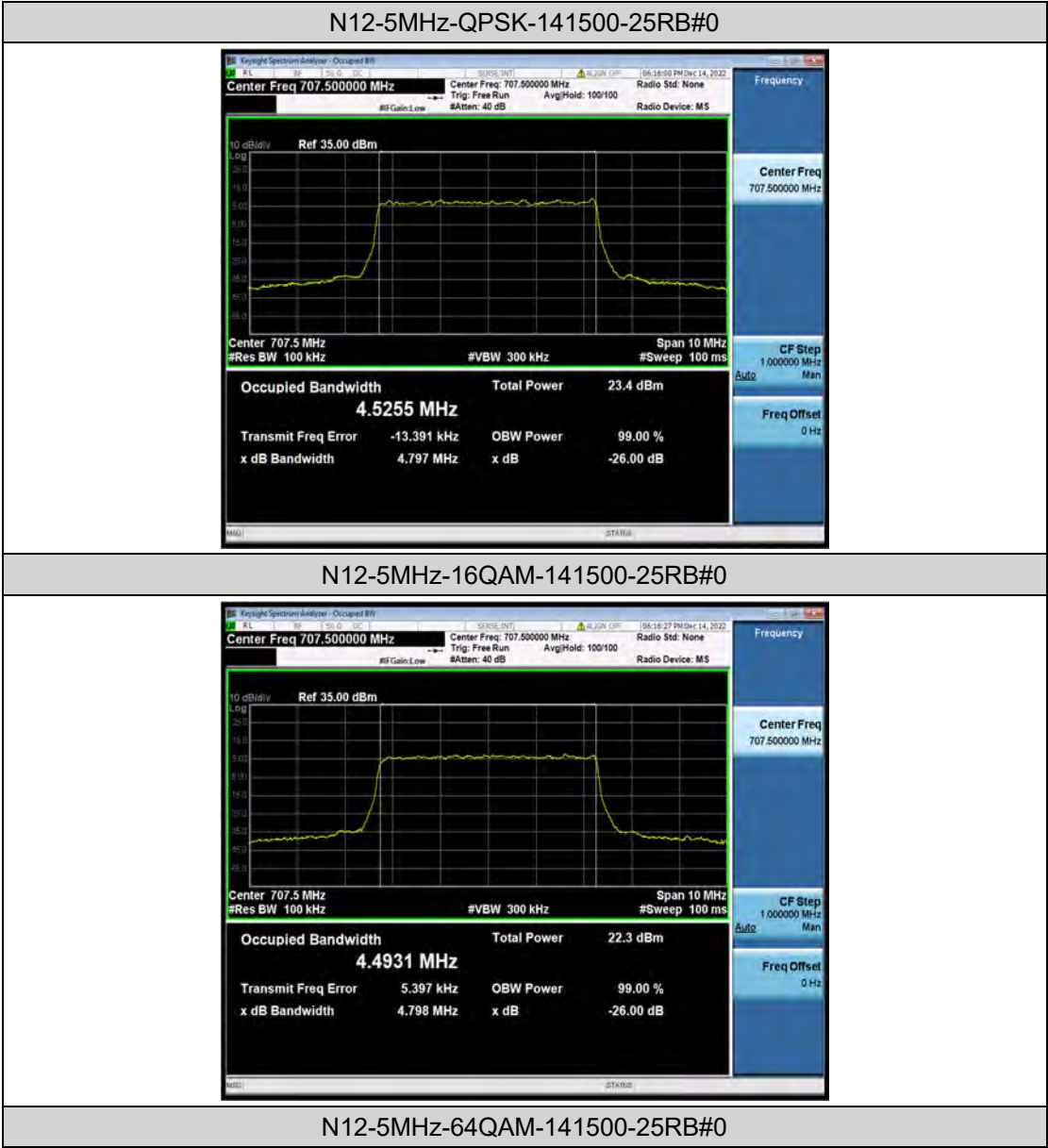


26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N12	5MHz	QPSK	141500	25RB#0	4.5255	4.797	PASS
N12	5MHz	16QAM	141500	25RB#0	4.4931	4.798	PASS
N12	5MHz	64QAM	141500	25RB#0	4.5205	4.843	PASS
N12	5MHz	256QAM	141500	25RB#0	4.5010	4.864	PASS
N12	5MHz	BPSK	141500	25RB#0	4.4953	4.790	PASS
N12	10MHz	QPSK	141500	50RB#0	8.9219	9.461	PASS
N12	10MHz	16QAM	141500	50RB#0	8.9432	9.472	PASS
N12	10MHz	64QAM	141500	50RB#0	8.9485	9.488	PASS
N12	10MHz	BPSK	141500	50RB#0	8.9269	9.459	PASS
N12	10MHz	256QAM	141500	50RB#0	8.9232	9.464	PASS
N12	15MHz	QPSK	141500	75RB#0	13.375	14.18	PASS
N12	15MHz	16QAM	141500	75RB#0	13.405	14.18	PASS
N12	15MHz	64QAM	141500	75RB#0	13.400	14.19	PASS
N12	15MHz	BPSK	141500	75RB#0	13.415	14.20	PASS
N12	15MHz	256QAM	141500	75RB#0	13.397	14.19	PASS

Test Graphs





N12-5MHz-256QAM-141500-25RB#0



N12-5MHz-BPSK-141500-25RB#0



N12-10MHz-QPSK-141500-50RB#0



N12-10MHz-16QAM-141500-50RB#0



N12-10MHz-64QAM-141500-50RB#0



N12-10MHz-BPSK-141500-50RB#0



N12-10MHz-256QAM-141500-50RB#0



N12-15MHz-QPSK-141500-75RB#0



N12-15MHz-16QAM-141500-75RB#0



N12-15MHz-64QAM-141500-75RB#0



N12-15MHz-BPSK-141500-75RB#0



N12-15MHz-256QAM-141500-75RB#0



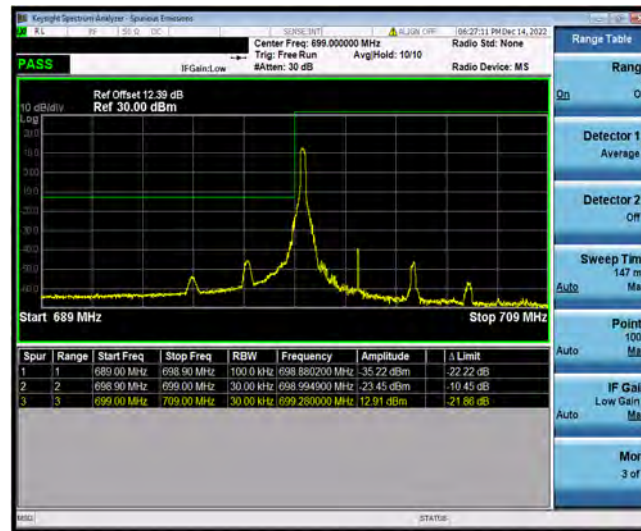
Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N12	5MHz	QPSK	140300	1RB#0	-35.22,- 23.45	PASS
N12	5MHz	QPSK	140300	25RB#0	-34.55,- 33.94	PASS
N12	5MHz	QPSK	142700	1RB#24	-24.41,- 36.61	PASS
N12	5MHz	QPSK	142700	25RB#0	-33.88,- 33.88	PASS
N12	10MHz	QPSK	140800	1RB#0	-34.50,- 22.85	PASS
N12	10MHz	QPSK	140800	50RB#0	-39.21,- 40.63	PASS
N12	10MHz	QPSK	142200	1RB#49	-26.94,- 37.24	PASS
N12	10MHz	QPSK	142200	50RB#0	-42.81,- 40.45	PASS
N12	15MHz	QPSK	141300	1RB#0	-30.87,- 27.21	PASS
N12	15MHz	QPSK	141300	75RB#0	-38.05,- 40.24	PASS
N12	15MHz	QPSK	141700	1RB#74	-29.63,- 43.13	PASS
N12	15MHz	QPSK	141700	75RB#0	-44.49,- 41.00	PASS

Test Graphs

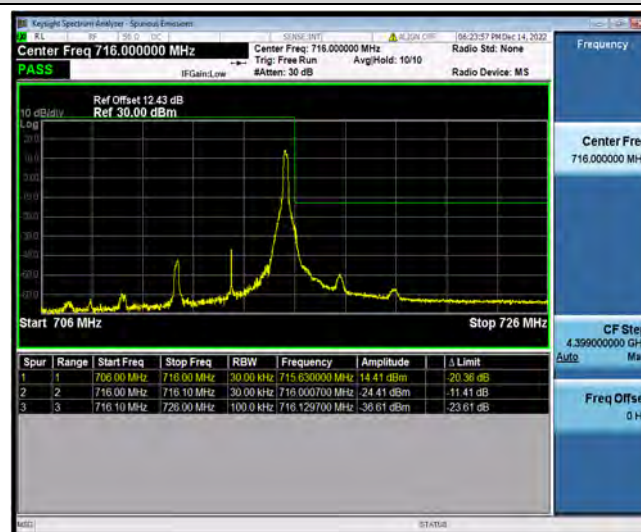
N12-5MHz-QPSK-140300-1RB#0



N12-5MHz-QPSK-140300-25RB#0



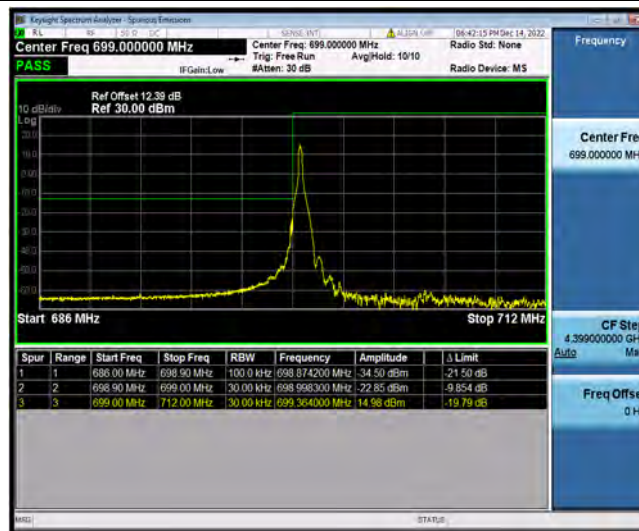
N12-5MHz-QPSK-142700-1RB#24



N12-5MHz-QPSK-142700-25RB#0



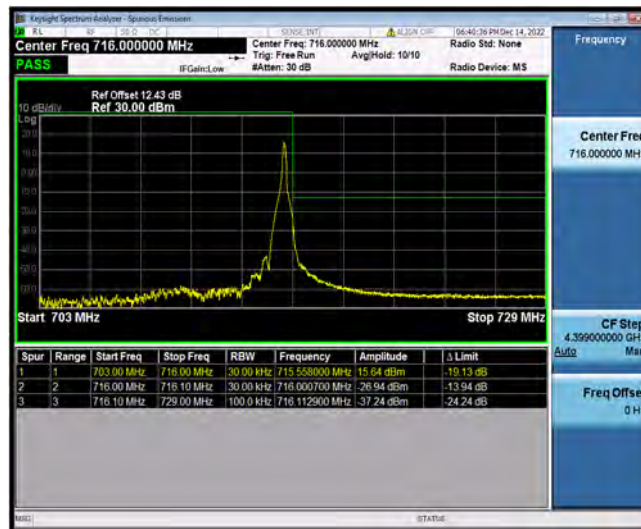
N12-10MHz-QPSK-140800-1RB#0



N12-10MHz-QPSK-140800-50RB#0



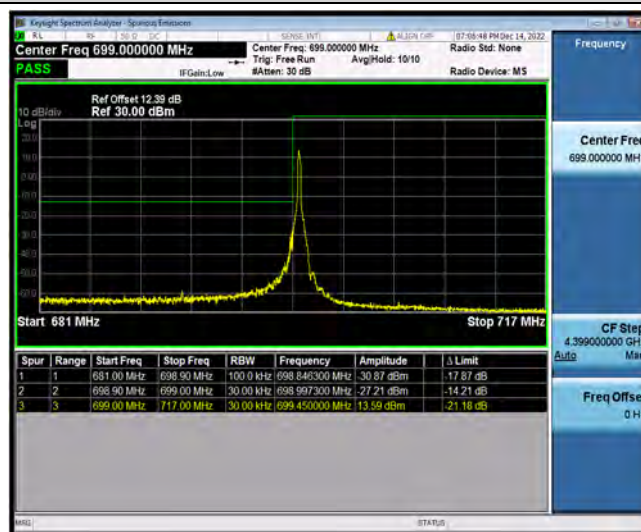
N12-10MHz-QPSK-142200-1RB#49



N12-10MHz-QPSK-142200-50RB#0



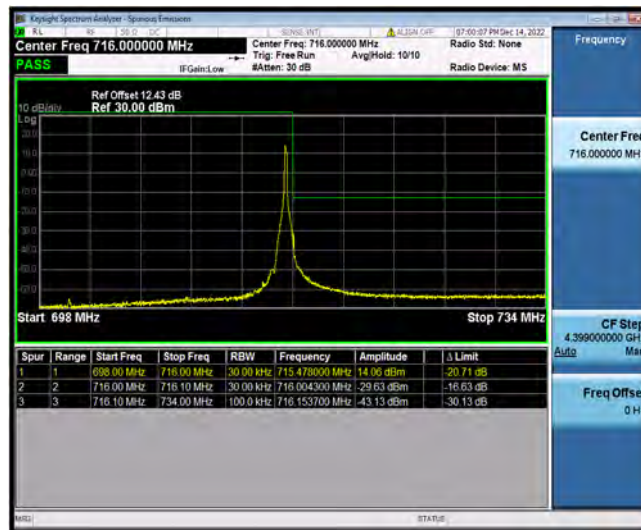
N12-15MHz-QPSK-141300-1RB#0



N12-15MHz-QPSK-141300-75RB#0



N12-15MHz-QPSK-141700-1RB#74



N12-15MHz-QPSK-141700-75RB#0

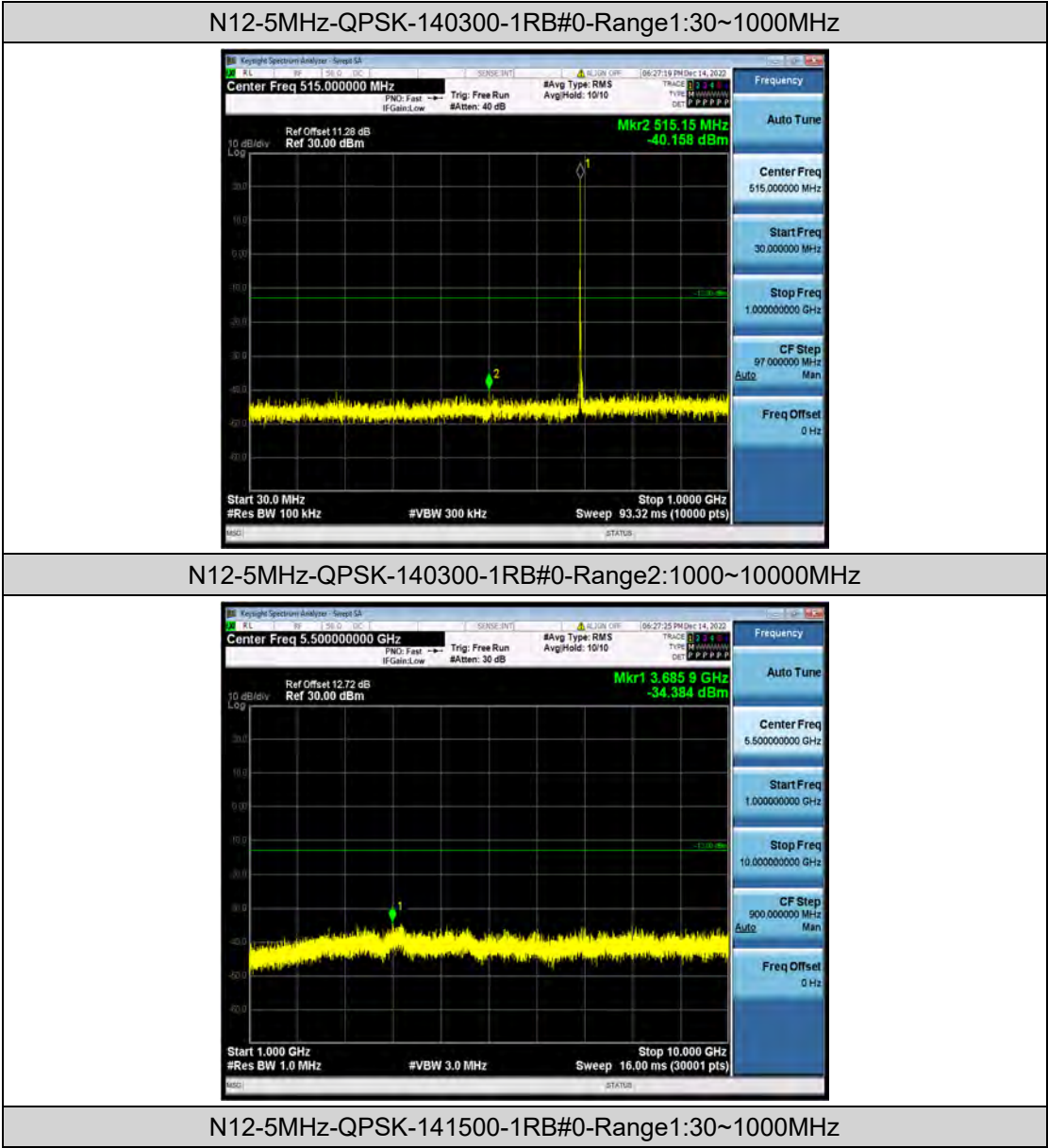


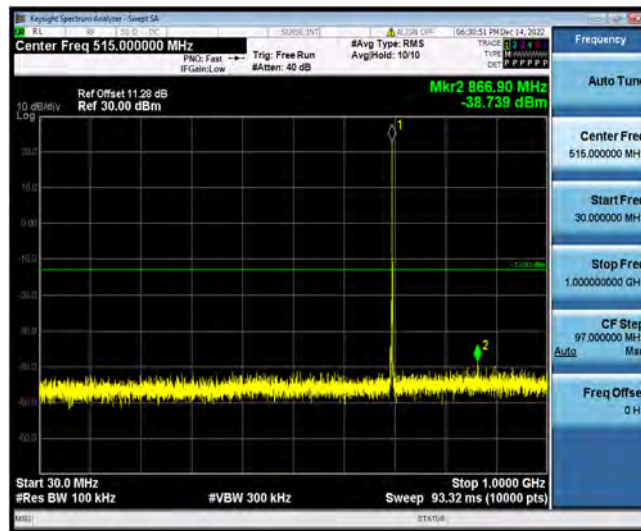
Conducted Spurious Emission

Test Result

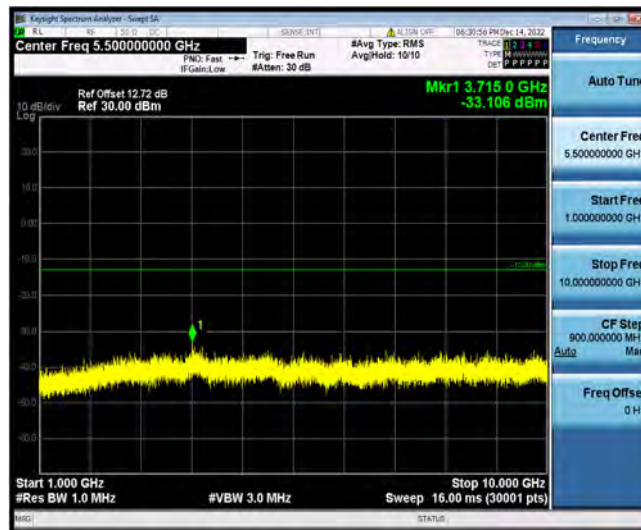
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N12	5MHz	QPSK	140300	1RB#0	Range1:30~1000MHz	- 40.16	PASS
N12	5MHz	QPSK	140300	1RB#0	Range2:1000~10000MHz	- 34.38	PASS
N12	5MHz	QPSK	141500	1RB#0	Range1:30~1000MHz	- 38.74	PASS
N12	5MHz	QPSK	141500	1RB#0	Range2:1000~10000MHz	- 33.11	PASS
N12	5MHz	QPSK	142700	1RB#0	Range1:30~1000MHz	-39.3	PASS
N12	5MHz	QPSK	142700	1RB#0	Range2:1000~10000MHz	- 34.33	PASS
N12	10MHz	QPSK	140800	1RB#0	Range1:30~1000MHz	- 39.48	PASS
N12	10MHz	QPSK	140800	1RB#0	Range2:1000~10000MHz	- 33.04	PASS
N12	10MHz	QPSK	141500	1RB#0	Range1:30~1000MHz	- 40.26	PASS
N12	10MHz	QPSK	141500	1RB#0	Range2:1000~10000MHz	- 34.26	PASS
N12	10MHz	QPSK	142200	1RB#0	Range1:30~1000MHz	- 40.39	PASS
N12	10MHz	QPSK	142200	1RB#0	Range2:1000~10000MHz	- 33.74	PASS
N12	15MHz	QPSK	141300	1RB#0	Range1:30~1000MHz	-40.5	PASS
N12	15MHz	QPSK	141300	1RB#0	Range2:1000~10000MHz	- 33.84	PASS
N12	15MHz	QPSK	141500	1RB#0	Range1:30~1000MHz	- 39.97	PASS
N12	15MHz	QPSK	141500	1RB#0	Range2:1000~10000MHz	- 34.47	PASS
N12	15MHz	QPSK	141700	1RB#0	Range1:30~1000MHz	- 40.07	PASS
N12	15MHz	QPSK	141700	1RB#0	Range2:1000~10000MHz	- 34.23	PASS

Test Graphs

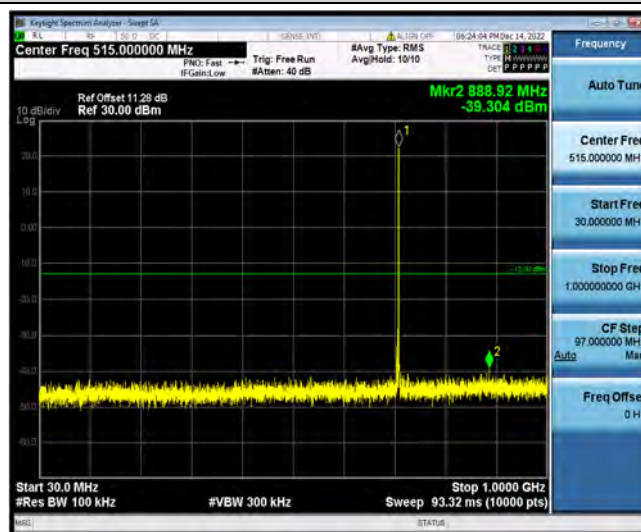




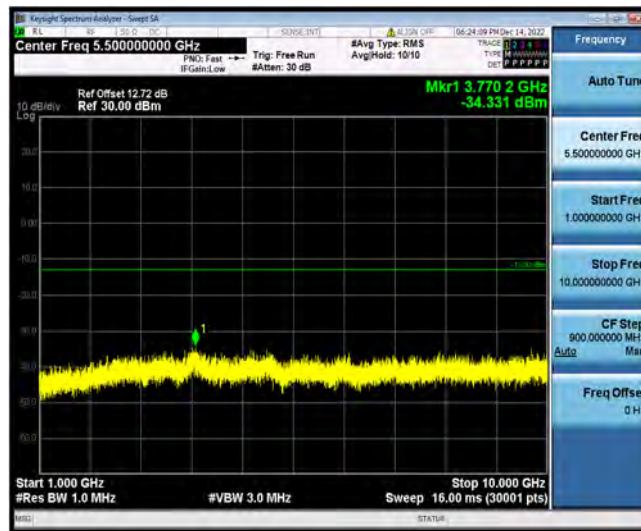
N12-5MHz-QPSK-141500-1RB#0-Range2:1000~10000MHz



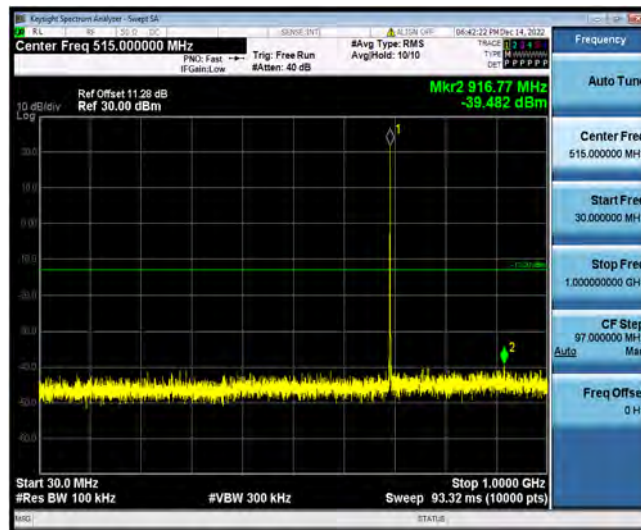
N12-5MHz-QPSK-142700-1RB#0-Range1:30~1000MHz



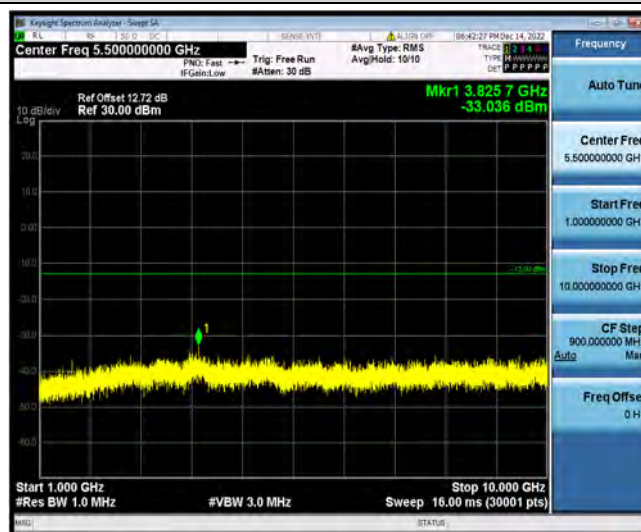
N12-5MHz-QPSK-142700-1RB#0-Range2:1000~10000MHz



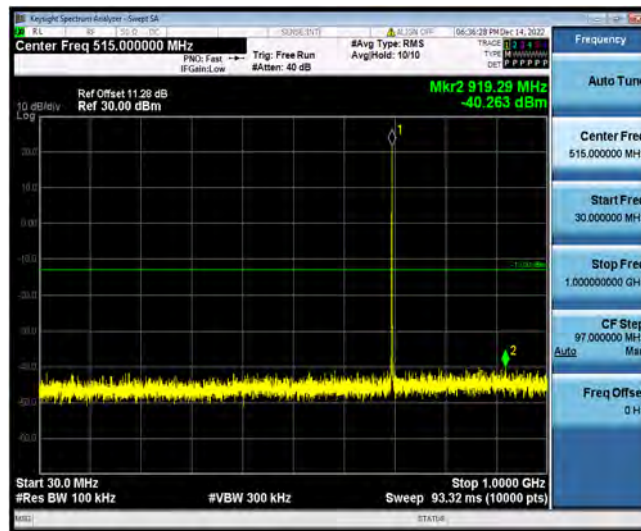
N12-10MHz-QPSK-140800-1RB#0-Range1:30~1000MHz



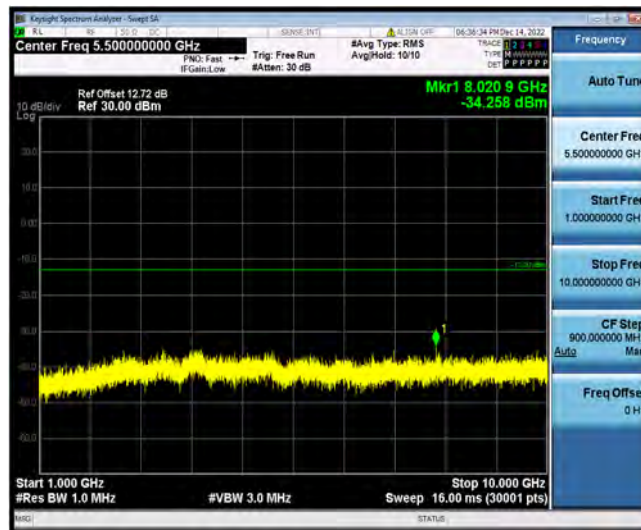
N12-10MHz-QPSK-140800-1RB#0-Range2:1000~10000MHz



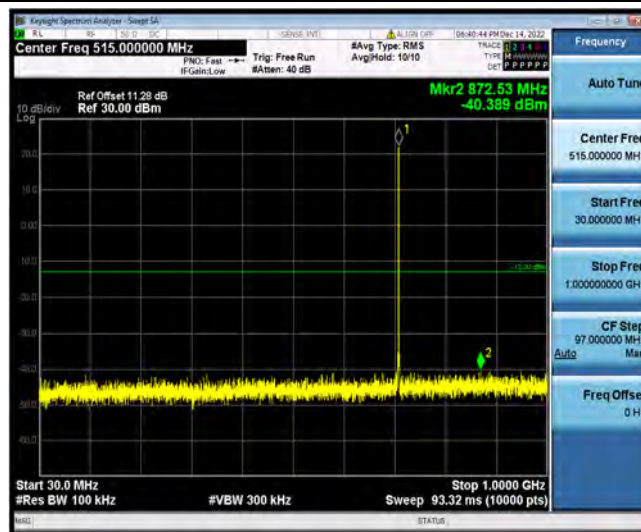
N12-10MHz-QPSK-141500-1RB#0-Range1:30~1000MHz



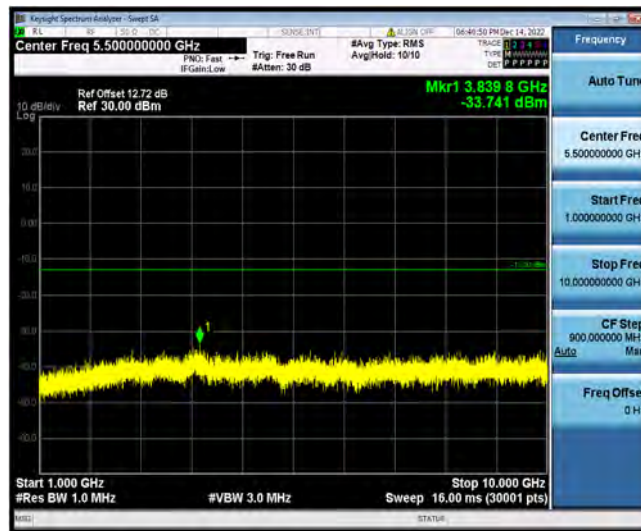
N12-10MHz-QPSK-141500-1RB#0-Range2:1000~10000MHz



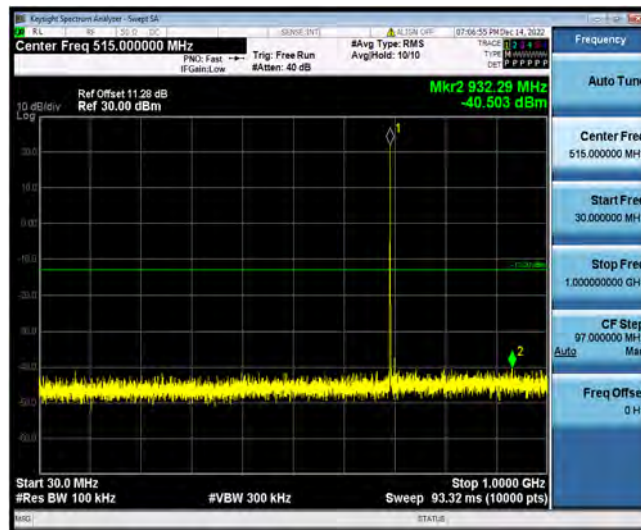
N12-10MHz-QPSK-142200-1RB#0-Range1:30~1000MHz



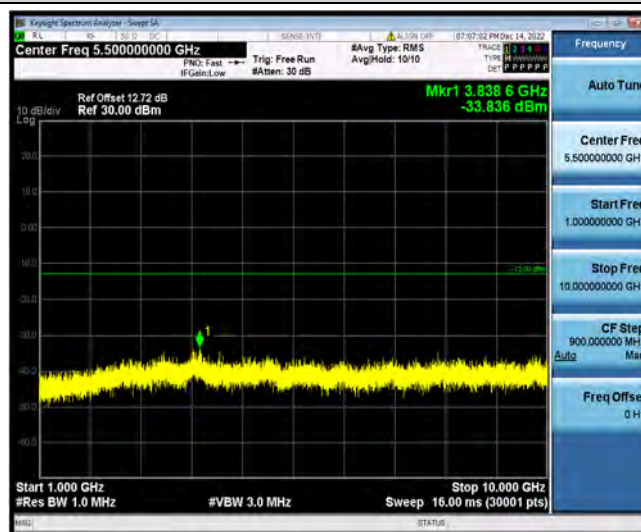
N12-10MHz-QPSK-142200-1RB#0-Range2:1000~10000MHz



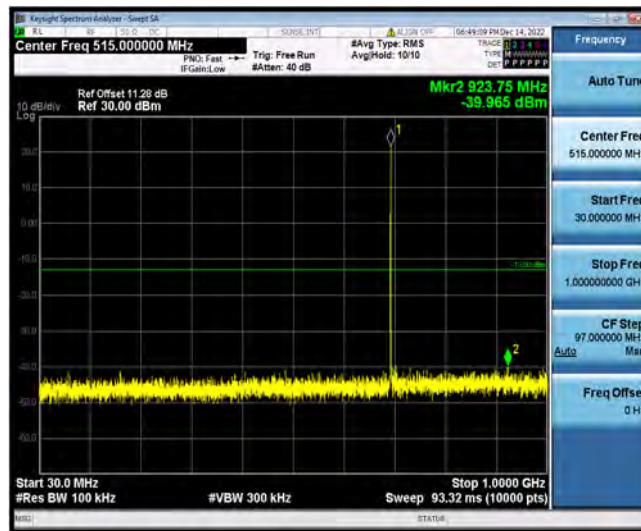
N12-15MHz-QPSK-141300-1RB#0-Range1:30~1000MHz



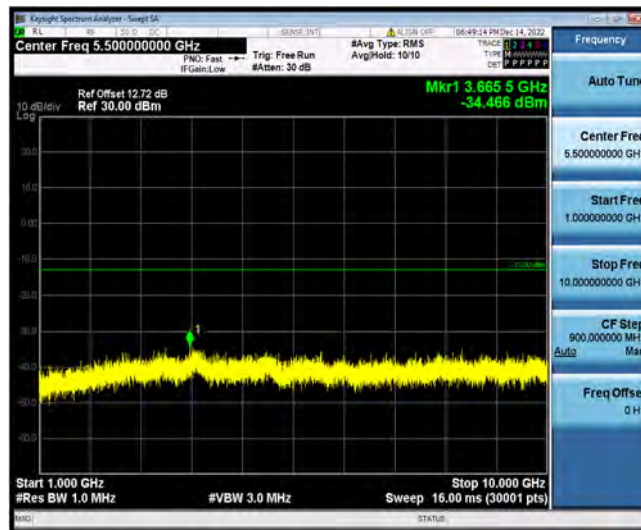
N12-15MHz-QPSK-141300-1RB#0-Range2:1000~10000MHz



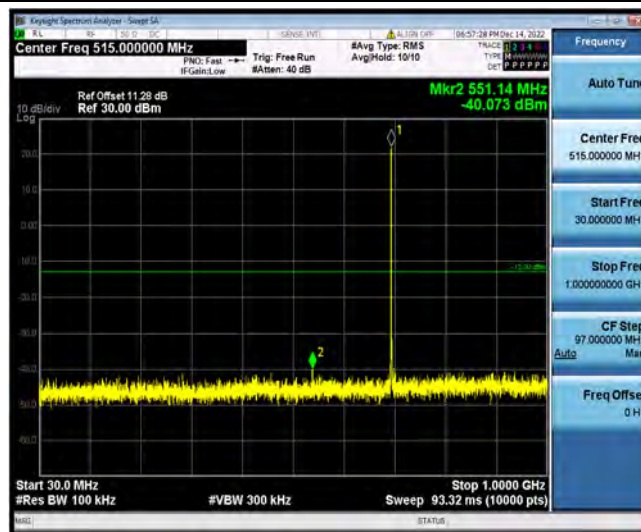
N12-15MHz-QPSK-141500-1RB#0-Range1:30~1000MHz



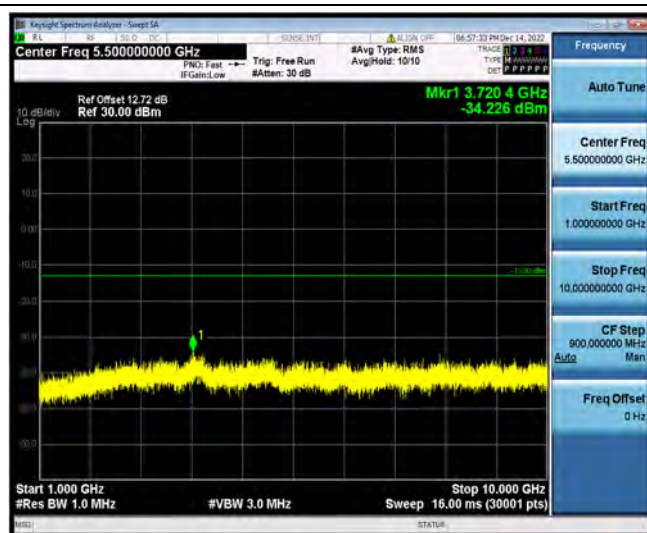
N12-15MHz-QPSK-141500-1RB#0-Range2:1000~10000MHz



N12-15MHz-QPSK-141700-1RB#0-Range1:30~1000MHz



N12-15MHz-QPSK-141700-1RB#0-Range2:1000~10000MHz



Frequency Stability

Test Result

Voltage&Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n12	15MHz	QPSK	141500	75RB#0	VL	NT	-5.88	-0.008318	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	VN	NT	2.82	0.003369	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	VH	NT	0.00	-0.000001	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	-30	7.13	0.008526	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	-20	4.28	0.005121	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	0	6.82	0.008153	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	10	4.40	0.005256	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	20	2.47	0.002955	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	30	16.51	0.019735	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	40	3.68	0.004394	±2.5	PASS
n12	15MHz	QPSK	141500	75RB#0	NV	50	6.58	0.007863	±2.5	PASS

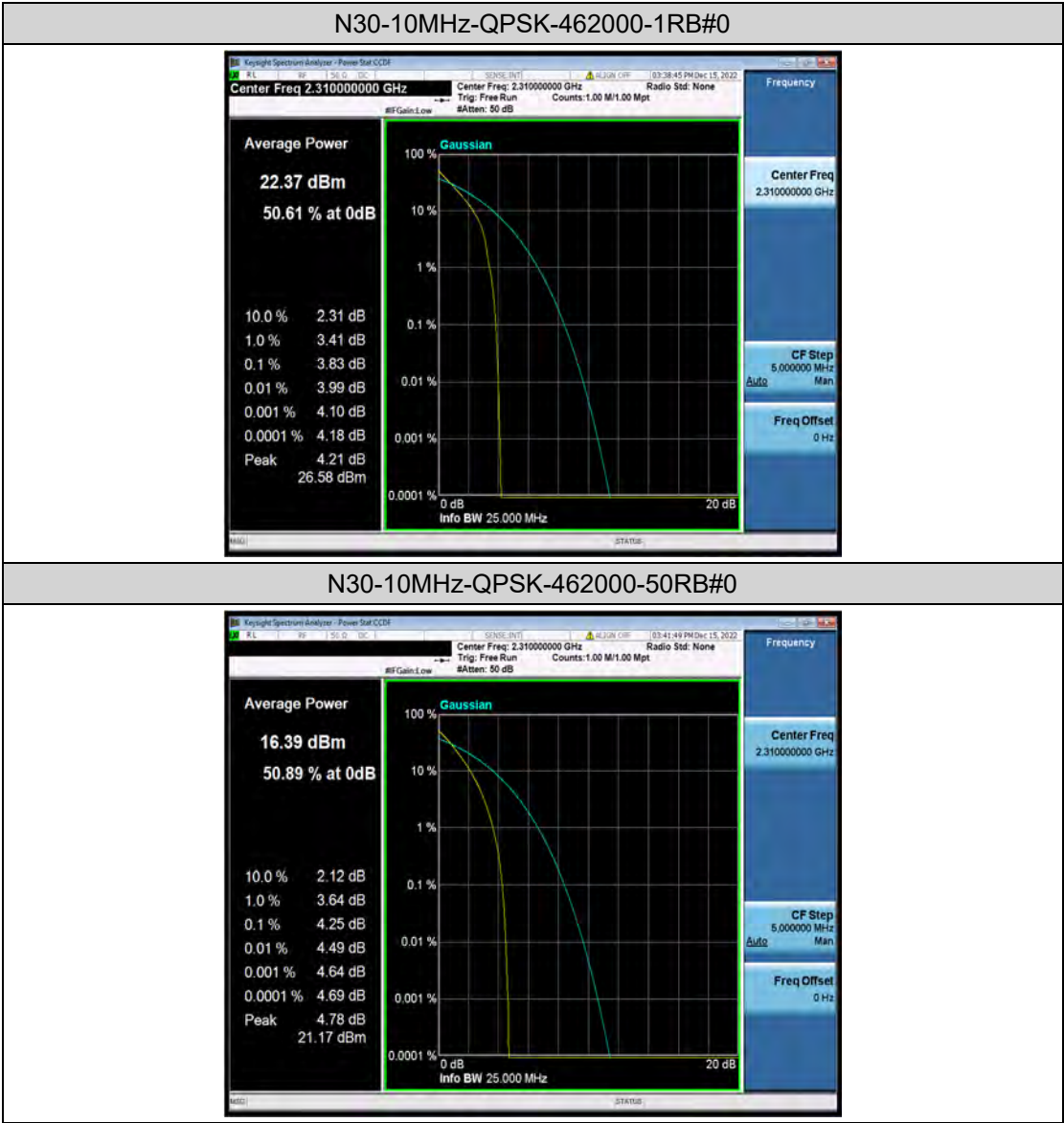
N30

Peak-to-Average Ratio (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N30	10MHz	QPSK	462000	1RB#0	3.83	13	PASS
N30	10MHz	QPSK	462000	50RB#0	4.25	13	PASS

Test Graphs



26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N30	5MHz	QPSK	462000	25RB#0	4.4899	4.890	PASS
N30	5MHz	16QAM	462000	25RB#0	4.5138	4.830	PASS
N30	5MHz	64QAM	462000	25RB#0	4.5032	4.782	PASS
N30	5MHz	256QAM	462000	25RB#0	4.4987	4.799	PASS
N30	5MHz	BPSK	462000	25RB#0	4.5086	4.872	PASS
N30	10MHz	QPSK	462000	50RB#0	8.9883	9.547	PASS
N30	10MHz	16QAM	462000	50RB#0	8.9909	9.526	PASS
N30	10MHz	64QAM	462000	50RB#0	8.9908	9.556	PASS
N30	10MHz	256QAM	462000	50RB#0	8.9740	9.508	PASS
N30	10MHz	BPSK	462000	50RB#0	8.9831	9.546	PASS

Test Graphs

N30-5MHz-QPSK-462000-25RB#0



N30-5MHz-16QAM-462000-25RB#0



N30-5MHz-64QAM-462000-25RB#0



N30-5MHz-256QAM-462000-25RB#0



N30-5MHz-BPSK-462000-25RB#0



N30-10MHz-QPSK-462000-50RB#0



N30-10MHz-16QAM-462000-50RB#0



N30-10MHz-64QAM-462000-50RB#0



N30-10MHz-256QAM-462000-50RB#0



N30-10MHz-BPSK-462000-50RB#0



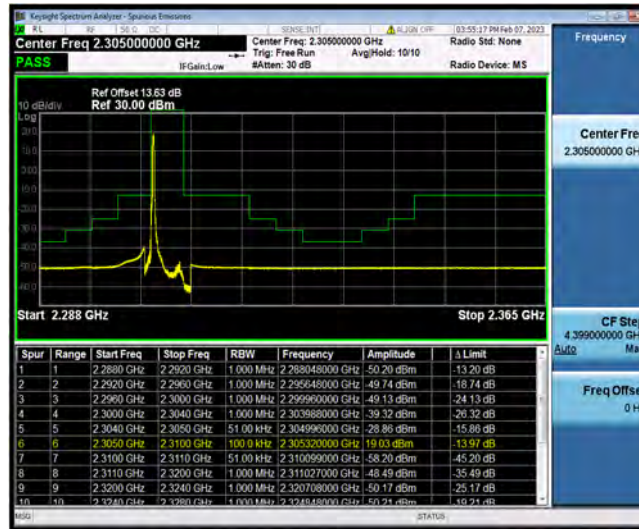
Band Edge

Test Result

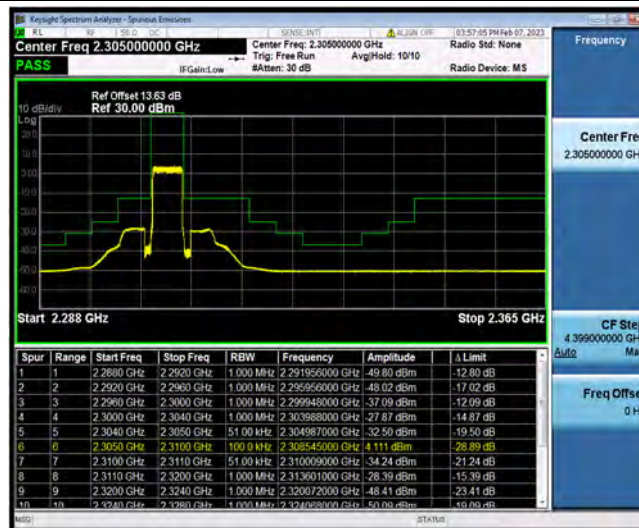
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N30	5MHz	QPSK	461500	1RB#0	-50.20,-49.74,-49.13,-39.32,-28.86	PASS
N30	5MHz	QPSK	461500	25RB#0	-49.80,-48.02,-37.09,-27.87,-32.50	PASS
N30	5MHz	QPSK	462500	1RB#24	-24.61,-38.58,-48.15,-49.90,-50.06	PASS
N30	5MHz	QPSK	462500	25RB#0	-28.90,-22.17,-33.34,-47.75,-50.14	PASS
N30	10MHz	QPSK	462000	1RB#0	-50.09,-49.56,-48.80,-41.06,-39.89	PASS
N30	10MHz	QPSK	462000	1RB#49	-50.25,-50.15,-50.21,-49.87,-57.34	PASS
N30	10MHz	QPSK	462000	50RB#0	-44.70,-39.97,-30.42,-27.55,-33.60	PASS

Test Graphs

N30-5MHz-QPSK-461500-1RB#0



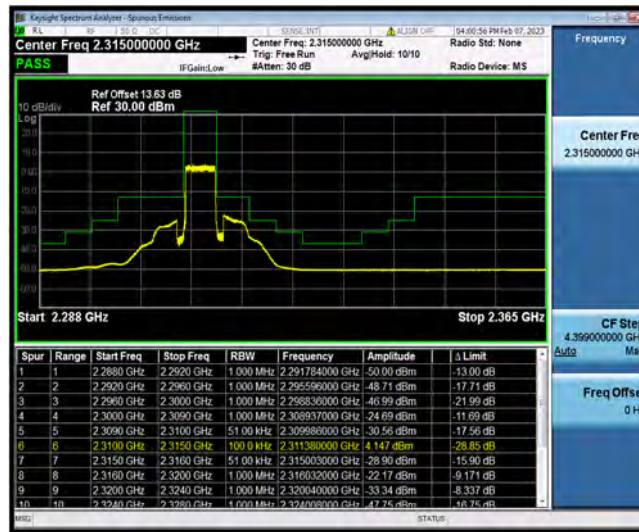
N30-5MHz-QPSK-461500-25RB#0



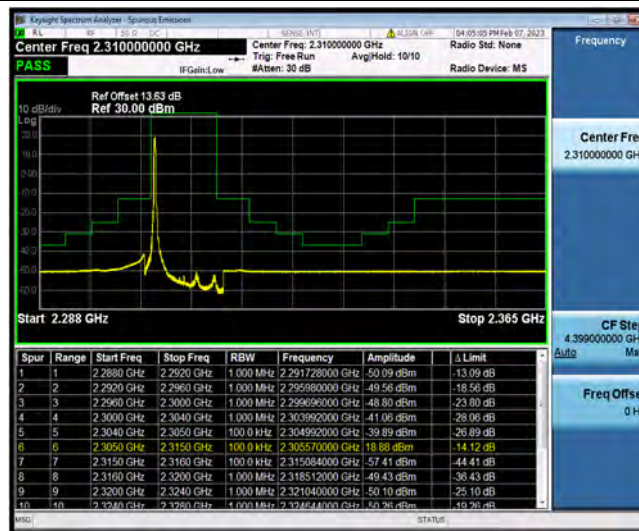
N30-5MHz-QPSK-462500-1RB#24



N30-5MHz-QPSK-462500-25RB#0



N30-10MHz-QPSK-462000-1RB#0



N30-10MHz-QPSK-462000-1RB#49



N30-10MHz-QPSK-462000-50RB#0



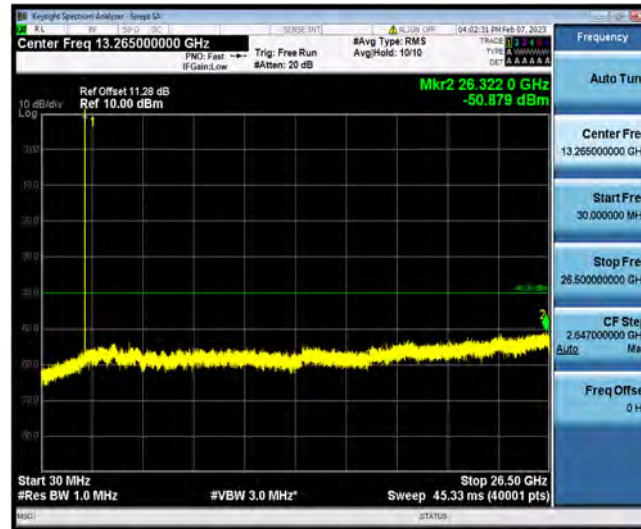
Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N30	5MHz	QPSK	461500	1RB#0	Range1:30~26500MHz	-50.88	PASS
N30	5MHz	QPSK	462000	1RB#0	Range1:30~26500MHz	-50.69	PASS
N30	5MHz	QPSK	462500	1RB#0	Range1:30~26500MHz	-50.65	PASS
N30	10MHz	QPSK	462000	1RB#0	Range1:30~26500MHz	-50.91	PASS

Test Graphs

N30-5MHz-QPSK-461500-1RB#0-Range1:30~26500MHz



N30-5MHz-QPSK-462000-1RB#0-Range1:30~26500MHz



N30-5MHz-QPSK-462500-1RB#0-Range1:30~26500MHz



N30-10MHz-QPSK-462000-1RB#0-Range1:30~26500MHz



Frequency Stability

Test Result

Voltage&Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n30	10MHz	QPSK	462000	50RB#0	VL	NT	1.89	0.000819	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	VN	NT	15.60	0.006755	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	VH	NT	12.24	0.005300	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	-30	13.40	0.005799	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	-20	18.89	0.008176	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	0	17.49	0.007571	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	10	11.16	0.004830	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	20	15.02	0.006500	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	30	23.56	0.010200	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	40	8.27	0.003580	±2.5	PASS
n30	10MHz	QPSK	462000	50RB#0	NV	50	16.83	0.007288	±2.5	PASS

N41 (including N38)

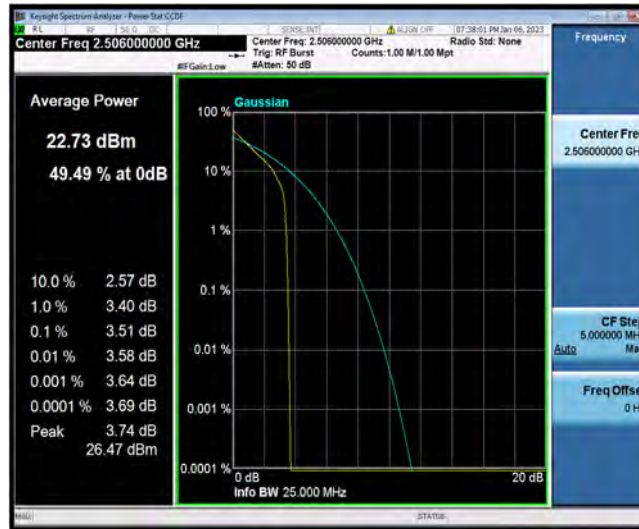
Peak-to-Average Ratio (CCDF)

Test Result

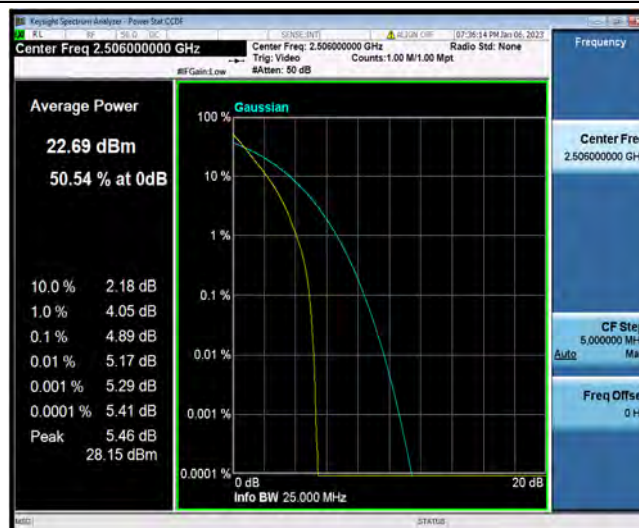
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N41	20MHz	QPSK	501204	1RB#0	3.51	13	PASS
N41	20MHz	QPSK	501204	50RB#0	4.89	13	PASS
N41	20MHz	QPSK	518598	1RB#0	3.82	13	PASS
N41	20MHz	QPSK	518598	50RB#0	5.00	13	PASS
N41	20MHz	QPSK	535998	1RB#0	4.07	13	PASS
N41	20MHz	QPSK	535998	50RB#0	4.37	13	PASS

Test Graphs

N41-20MHz-QPSK-501204-1RB#0



N41-20MHz-QPSK-501204-50RB#0



N41-20MHz-QPSK-518598-1RB#0



N41-20MHz-QPSK-518598-50RB#0



N41-20MHz-QPSK-535998-1RB#0



N41-20MHz-QPSK-535998-50RB#0



26dB Bandwidth and Occupied Bandwidth

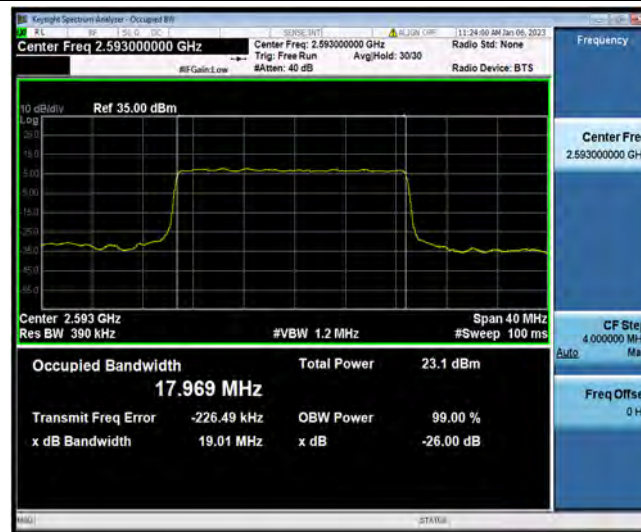
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N41	20MHz	QPSK	518598	50RB#0	17.969	19.01	PASS
N41	20MHz	16QAM	518598	50RB#0	17.967	19.00	PASS
N41	20MHz	64QAM	518598	50RB#0	17.970	19.01	PASS
N41	20MHz	256QAM	518598	50RB#0	17.921	18.98	PASS
N41	20MHz	BPSK	518598	50RB#0	17.972	19.02	PASS
N41	30MHz	QPSK	518598	75RB#0	26.783	27.81	PASS
N41	30MHz	16QAM	518598	75RB#0	26.841	27.85	PASS
N41	30MHz	64QAM	518598	75RB#0	26.838	27.85	PASS
N41	30MHz	256QAM	518598	75RB#0	26.810	27.78	PASS
N41	30MHz	BPSK	518598	75RB#0	26.788	27.83	PASS
N41	40MHz	QPSK	518598	100RB#0	35.713	37.05	PASS
N41	40MHz	16QAM	518598	100RB#0	35.709	37.04	PASS
N41	40MHz	64QAM	518598	100RB#0	35.699	37.07	PASS
N41	40MHz	256QAM	518598	100RB#0	35.662	37.05	PASS
N41	40MHz	BPSK	518598	100RB#0	35.712	37.04	PASS
N41	50MHz	QPSK	518598	128RB#0	45.767	47.42	PASS
N41	50MHz	16QAM	518598	128RB#0	45.763	47.43	PASS
N41	50MHz	64QAM	518598	128RB#0	45.757	47.44	PASS
N41	50MHz	BPSK	518598	128RB#0	45.771	47.42	PASS
N41	50MHz	256QAM	518598	128RB#0	45.753	47.41	PASS
N41	60MHz	QPSK	518598	162RB#0	57.900	59.92	PASS
N41	60MHz	16QAM	518598	162RB#0	57.907	59.91	PASS
N41	60MHz	64QAM	518598	162RB#0	57.906	59.92	PASS
N41	60MHz	BPSK	518598	162RB#0	57.904	59.91	PASS
N41	60MHz	256QAM	518598	162RB#0	57.873	59.90	PASS
N41	80MHz	QPSK	518598	216RB#0	77.343	80.27	PASS
N41	80MHz	16QAM	518598	216RB#0	77.211	80.23	PASS
N41	80MHz	64QAM	518598	216RB#0	77.214	80.20	PASS
N41	80MHz	256QAM	518598	216RB#0	77.261	80.28	PASS
N41	80MHz	BPSK	518598	216RB#0	77.346	80.29	PASS
N41	90MHz	QPSK	518598	240RB#0	85.806	88.94	PASS
N41	90MHz	16QAM	518598	240RB#0	85.754	88.92	PASS
N41	90MHz	64QAM	518598	240RB#0	85.757	88.92	PASS
N41	90MHz	256QAM	518598	240RB#0	85.849	88.96	PASS

N41	90MHz	BPSK	518598	240RB#0	85.802	88.95	PASS
N41	100MHz	QPSK	518598	270RB#0	96.561	99.61	PASS
N41	100MHz	16QAM	518598	270RB#0	96.623	99.60	PASS
N41	100MHz	64QAM	518598	270RB#0	96.619	99.60	PASS
N41	100MHz	256QAM	518598	270RB#0	96.447	99.58	PASS
N41	100MHz	BPSK	518598	270RB#0	96.560	99.61	PASS

Test Graphs

N41-20MHz-QPSK-518598-50RB#0



N41-20MHz-16QAM-518598-50RB#0



N41-20MHz-64QAM-518598-50RB#0



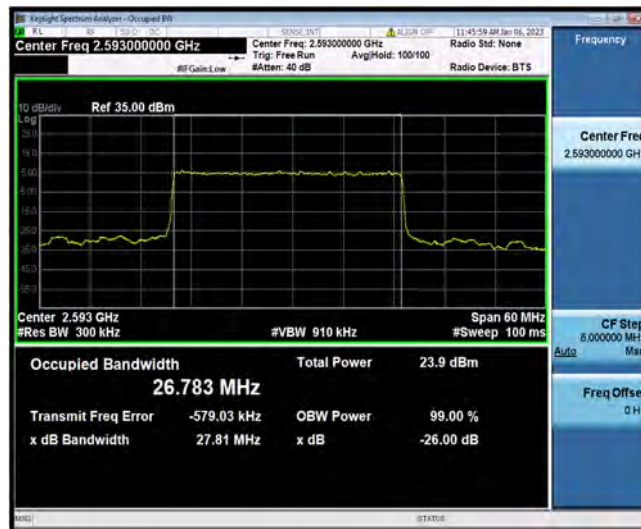
N41-20MHz-256QAM-518598-50RB#0



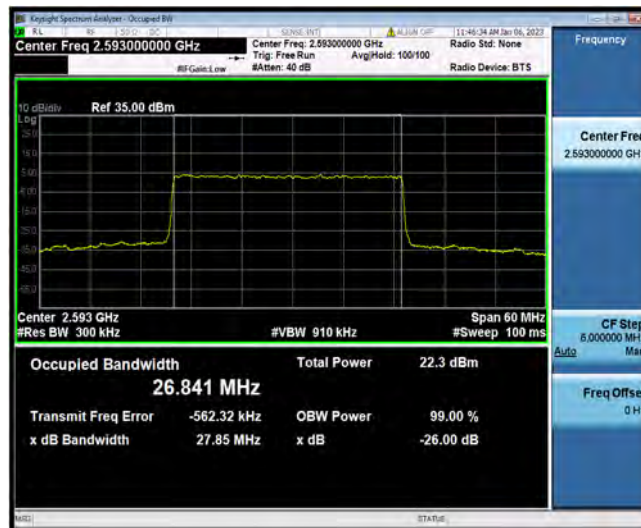
N41-20MHz-BPSK-518598-50RB#0



N41-30MHz-QPSK-518598-75RB#0



N41-30MHz-16QAM-518598-75RB#0



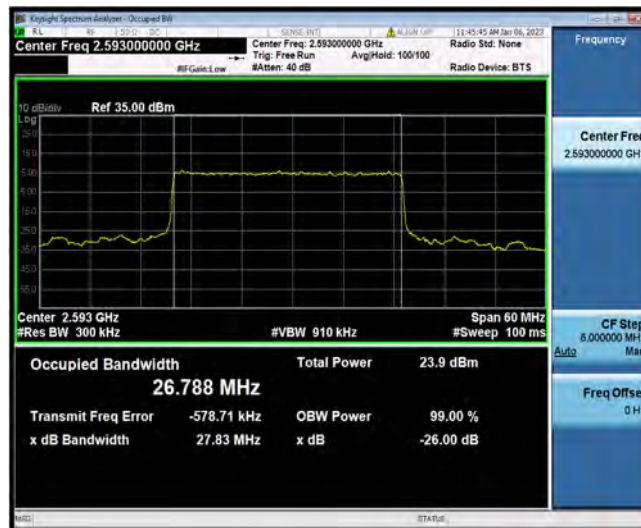
N41-30MHz-64QAM-518598-75RB#0



N41-30MHz-256QAM-518598-75RB#0



N41-30MHz-BPSK-518598-75RB#0



N41-40MHz-QPSK-518598-100RB#0



N41-40MHz-16QAM-518598-100RB#0



N41-40MHz-64QAM-518598-100RB#0



N41-40MHz-256QAM-518598-100RB#0



N41-40MHz-BPSK-518598-100RB#0



N41-50MHz-QPSK-518598-128RB#0



N41-50MHz-16QAM-518598-128RB#0



N41-50MHz-64QAM-518598-128RB#0



N41-50MHz-BPSK-518598-128RB#0



N41-50MHz-256QAM-518598-128RB#0



N41-60MHz-QPSK-518598-162RB#0



N41-60MHz-16QAM-518598-162RB#0



N41-60MHz-64QAM-518598-162RB#0



N41-60MHz-BPSK-518598-162RB#0



N41-60MHz-256QAM-518598-162RB#0



N41-80MHz-QPSK-518598-216RB#0



N41-80MHz-16QAM-518598-216RB#0



N41-80MHz-64QAM-518598-216RB#0



N41-80MHz-256QAM-518598-216RB#0



N41-80MHz-BPSK-518598-216RB#0



N41-90MHz-QPSK-518598-240RB#0



N41-90MHz-16QAM-518598-240RB#0



N41-90MHz-64QAM-518598-240RB#0



N41-90MHz-256QAM-518598-240RB#0



N41-90MHz-BPSK-518598-240RB#0



N41-100MHz-QPSK-518598-270RB#0



N41-100MHz-16QAM-518598-270RB#0



N41-100MHz-64QAM-518598-270RB#0



N41-100MHz-256QAM-518598-270RB#0



N41-100MHz-BPSK-518598-270RB#0



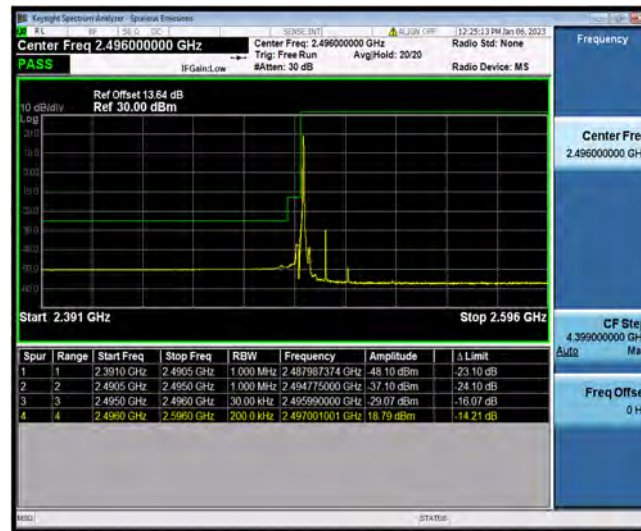
Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N41	20MHz	QPSK	501204	1RB#0	-48.10,-37.10,-29.07	PASS
N41	20MHz	QPSK	501204	50RB#0	-29.26,-25.32,-28.75	PASS
N41	20MHz	QPSK	535998	1RB#50	-32.90,-35.98,-47.47,- 49.78	PASS
N41	20MHz	QPSK	535998	50RB#0	-29.04,-24.94,-26.90,- 44.08	PASS
N41	60MHz	QPSK	505200	1RB#0	-49.36,-37.50,-29.82	PASS
N41	60MHz	QPSK	505200	162RB#0	-32.32,-31.73,-33.51	PASS
N41	60MHz	QPSK	531996	1RB#161	-30.45,-34.74,-48.26,- 49.17	PASS
N41	60MHz	QPSK	531996	162RB#0	-33.59,-31.82,-31.63,- 37.68	PASS
N41	100MHz	QPSK	509202	1RB#0	-49.28,-36.78,-31.06	PASS
N41	100MHz	QPSK	509202	270RB#0	-34.15,-33.39,-33.08	PASS
N41	100MHz	QPSK	528000	1RB#272	-32.83,-36.30,-48.32,- 49.60	PASS
N41	100MHz	QPSK	528000	270RB#0	-34.40,-34.18,-33.81,- 37.00	PASS

Test Graphs

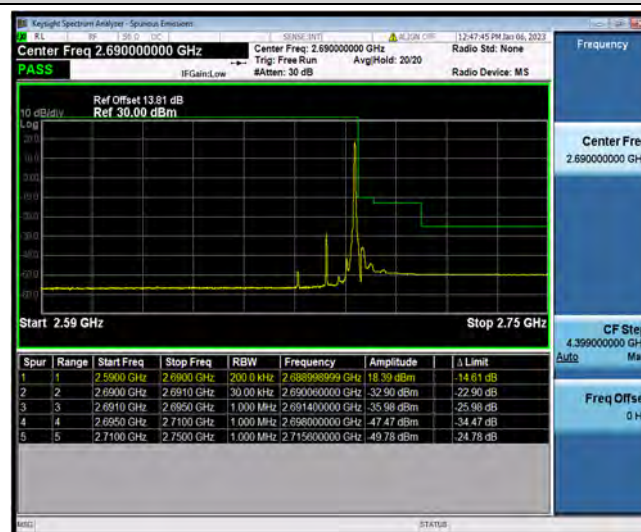
N41-20MHz-QPSK-501204-1RB#0



N41-20MHz-QPSK-501204-50RB#0



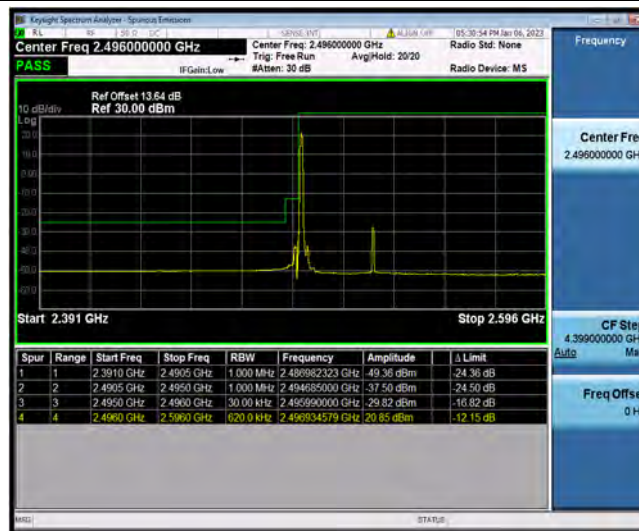
N41-20MHz-QPSK-535998-1RB#50



N41-20MHz-QPSK-535998-50RB#0



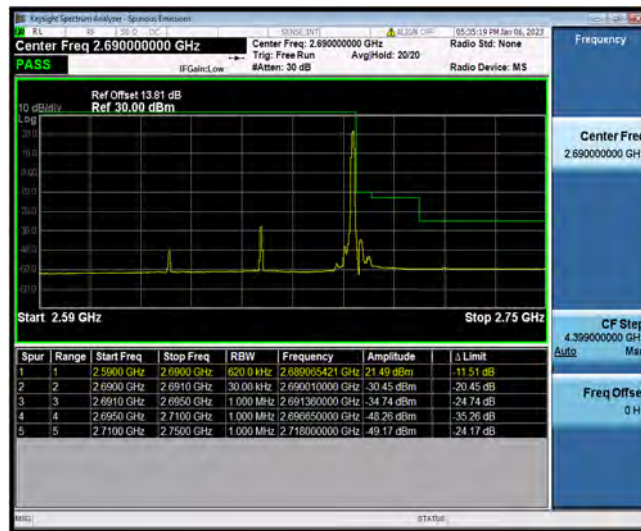
N41-60MHz-QPSK-505200-1RB#0



N41-60MHz-QPSK-505200-162RB#0



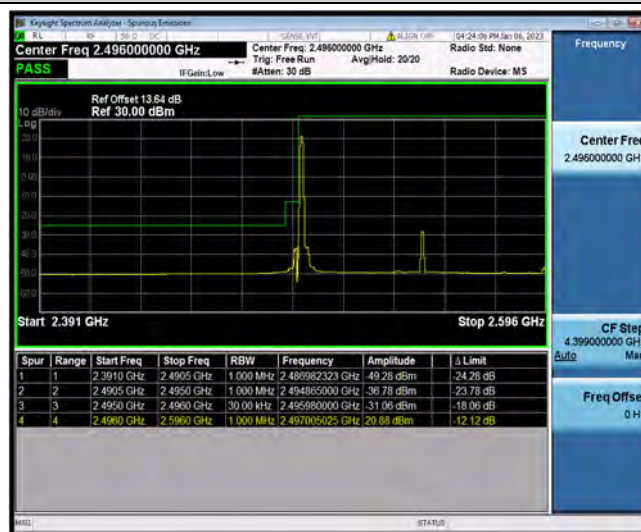
N41-60MHz-QPSK-531996-1RB#161



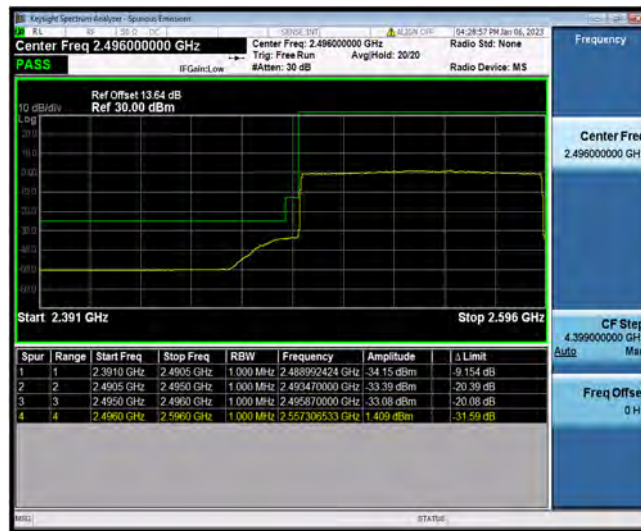
N41-60MHz-QPSK-531996-162RB#0



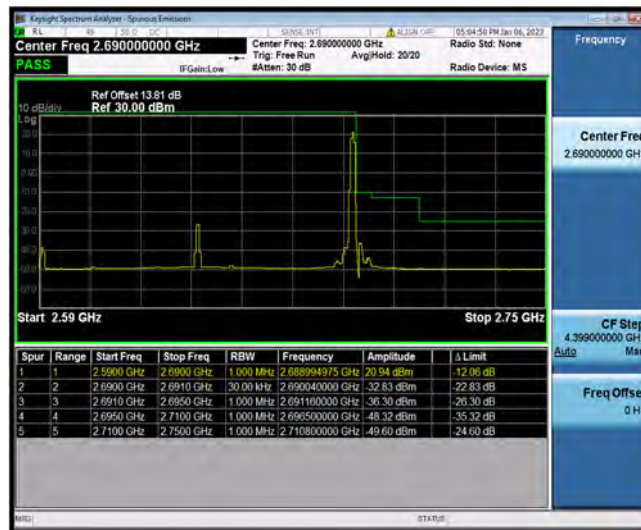
N41-100MHz-QPSK-509202-1RB#0



N41-100MHz-QPSK-509202-270RB#0



N41-100MHz-QPSK-528000-1RB#272



N41-100MHz-QPSK-528000-270RB#0



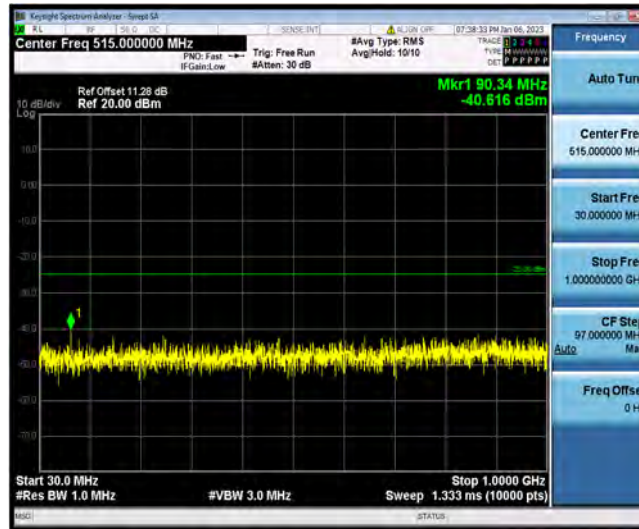
Conducted Spurious Emission

Test Result

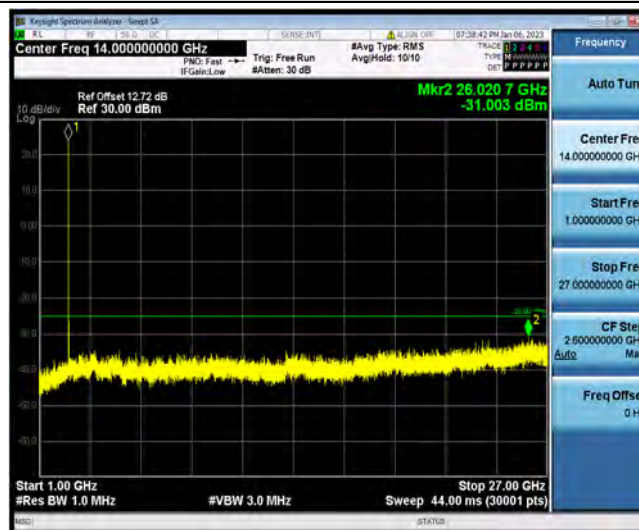
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N41	20MHz	QPSK	501204	1RB#0	Range1:30~1000MHz	-40.62	PASS
N41	20MHz	QPSK	501204	1RB#0	Range2:1000~27000MHz	-31	PASS
N41	20MHz	QPSK	518598	1RB#0	Range1:30~1000MHz	-41.29	PASS
N41	20MHz	QPSK	518598	1RB#0	Range2:1000~27000MHz	-31.02	PASS
N41	20MHz	QPSK	535998	1RB#0	Range1:30~1000MHz	-41.34	PASS
N41	20MHz	QPSK	535998	1RB#0	Range2:1000~27000MHz	-30.68	PASS
N41	60MHz	QPSK	505200	1RB#0	Range1:30~1000MHz	-40.55	PASS
N41	60MHz	QPSK	505200	1RB#0	Range2:1000~27000MHz	-31.2	PASS
N41	60MHz	QPSK	518598	1RB#0	Range1:30~1000MHz	-40.39	PASS
N41	60MHz	QPSK	518598	1RB#0	Range2:1000~27000MHz	-31.83	PASS
N41	60MHz	QPSK	531996	1RB#0	Range1:30~1000MHz	-41.08	PASS
N41	60MHz	QPSK	531996	1RB#0	Range2:1000~27000MHz	-31.07	PASS
N41	100MHz	QPSK	509202	1RB#0	Range1:30~1000MHz	-40.86	PASS
N41	100MHz	QPSK	509202	1RB#0	Range2:1000~27000MHz	-31.33	PASS
N41	100MHz	QPSK	518598	1RB#0	Range1:30~1000MHz	-38.99	PASS
N41	100MHz	QPSK	518598	1RB#0	Range2:1000~27000MHz	-31.14	PASS
N41	100MHz	QPSK	528000	1RB#0	Range1:30~1000MHz	-40.94	PASS
N41	100MHz	QPSK	528000	1RB#0	Range2:1000~27000MHz	-30.71	PASS

Test Graphs

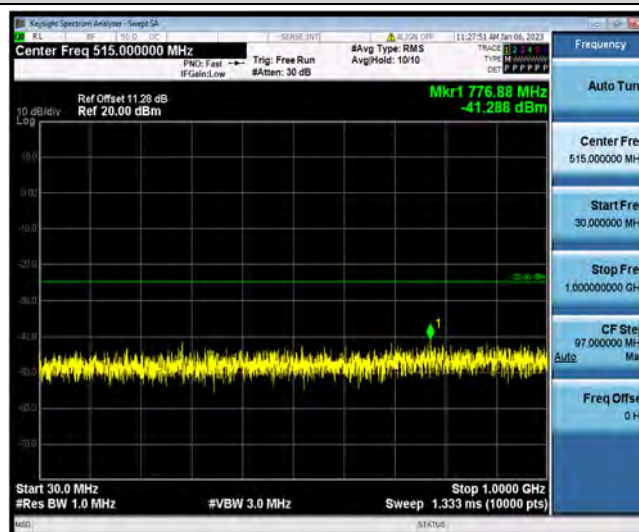
N41-20MHz-QPSK-501204-1RB#0-Range1:30~1000MHz



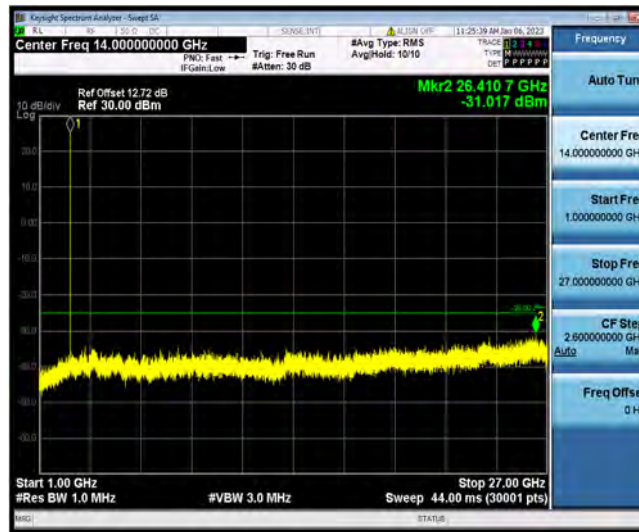
N41-20MHz-QPSK-501204-1RB#0-Range2:1000~27000MHz



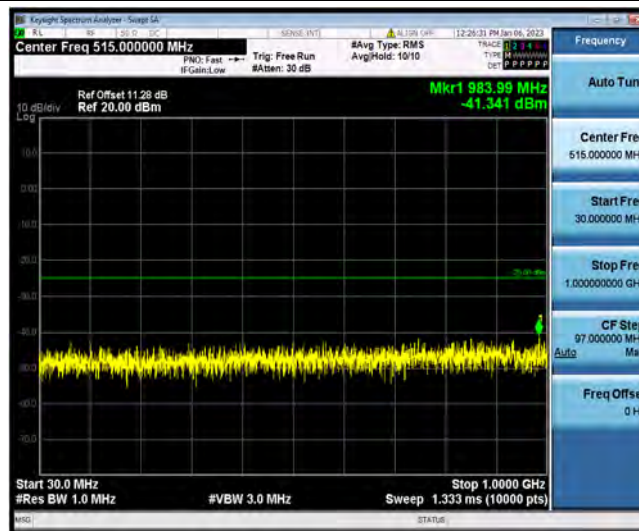
N41-20MHz-QPSK-518598-1RB#0-Range1:30~1000MHz



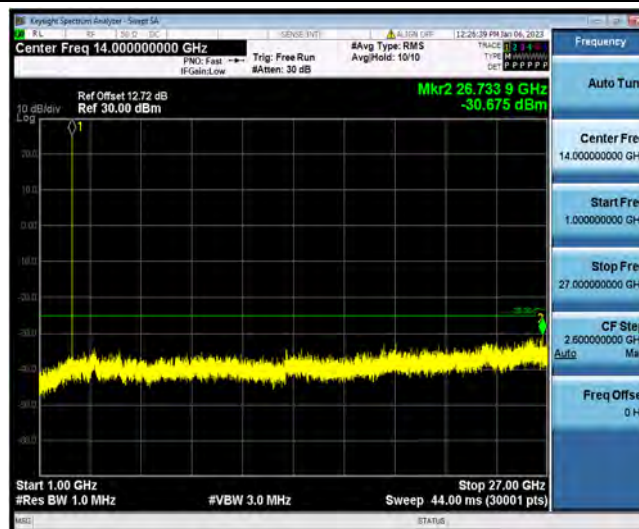
N41-20MHz-QPSK-518598-1RB#0-Range2:1000~27000MHz



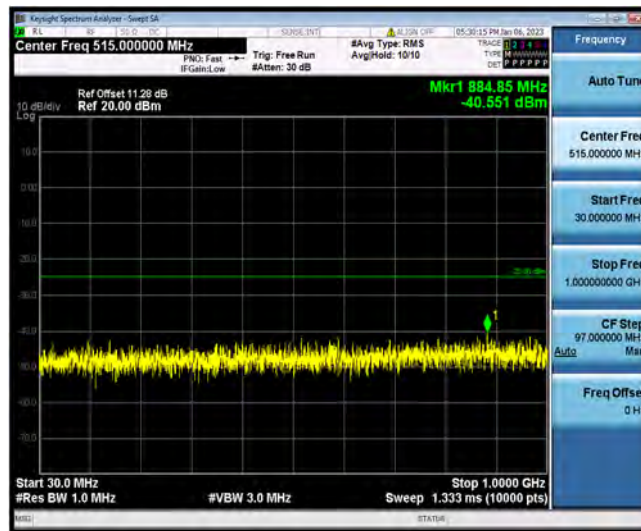
N41-20MHz-QPSK-535998-1RB#0-Range1:30~1000MHz



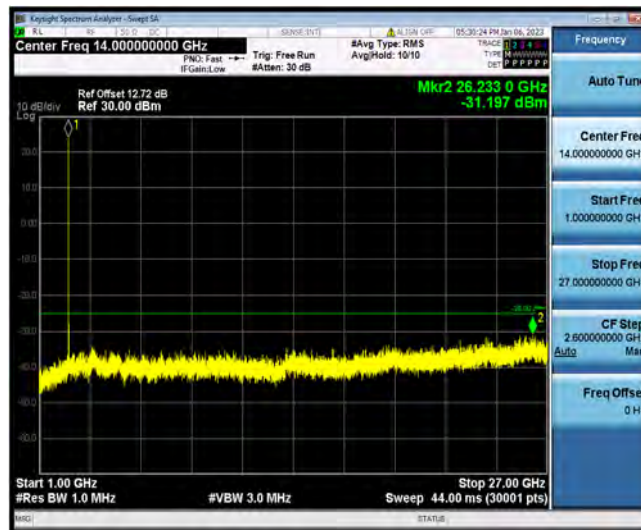
N41-20MHz-QPSK-535998-1RB#0-Range2:1000~27000MHz



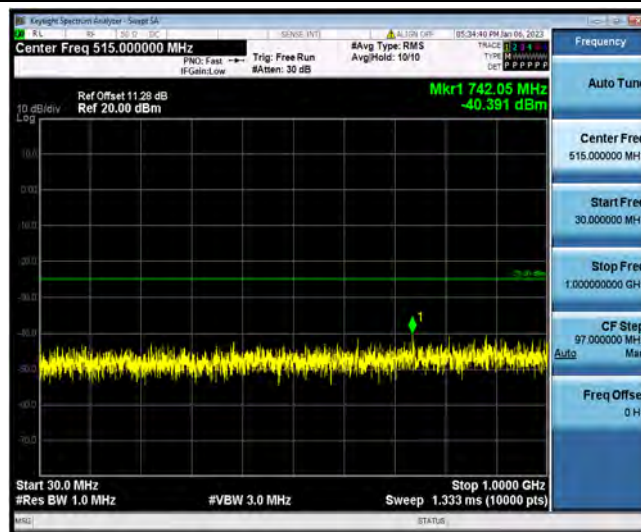
N41-60MHz-QPSK-505200-1RB#0-Range1:30~1000MHz



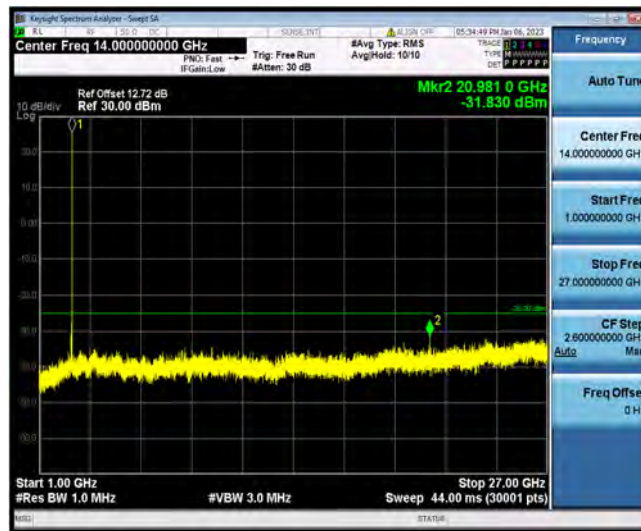
N41-60MHz-QPSK-505200-1RB#0-Range2:1000~27000MHz



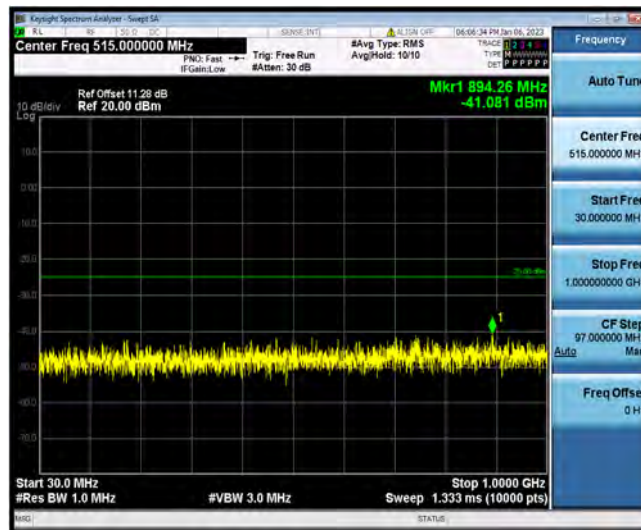
N41-60MHz-QPSK-518598-1RB#0-Range1:30~1000MHz



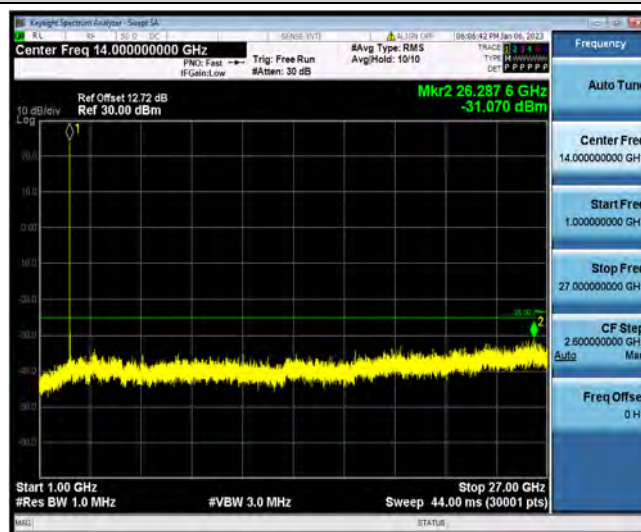
N41-60MHz-QPSK-518598-1RB#0-Range2:1000~27000MHz



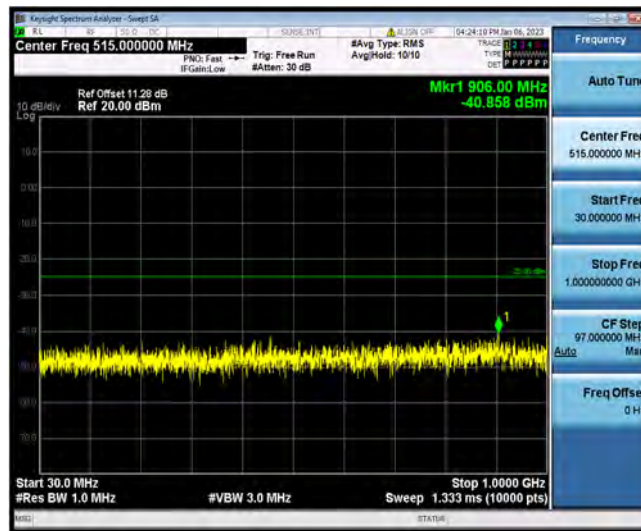
N41-60MHz-QPSK-531996-1RB#0-Range1:30~1000MHz



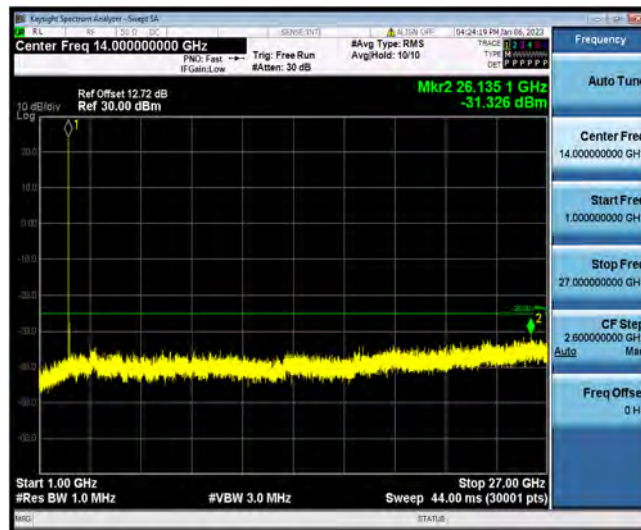
N41-60MHz-QPSK-531996-1RB#0-Range2:1000~27000MHz



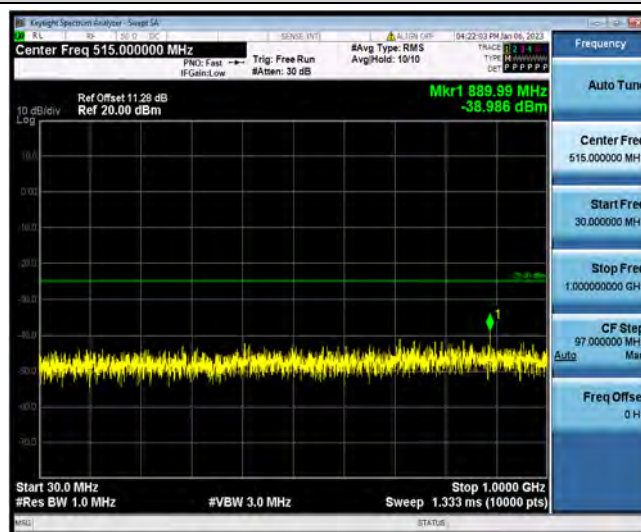
N41-100MHz-QPSK-509202-1RB#0-Range1:30~1000MHz



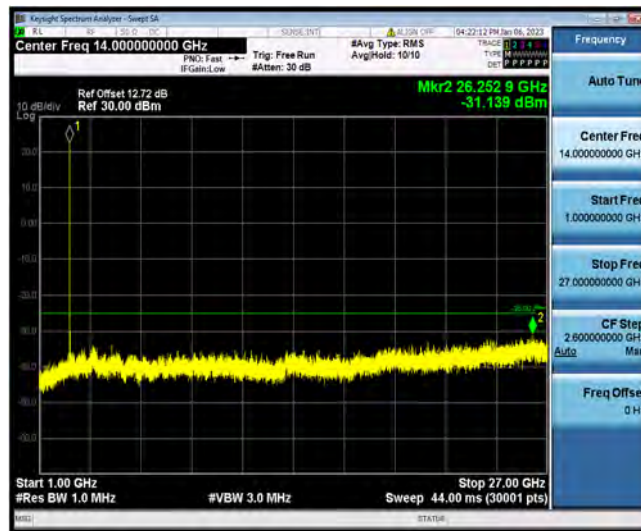
N41-100MHz-QPSK-509202-1RB#0-Range2:1000~27000MHz



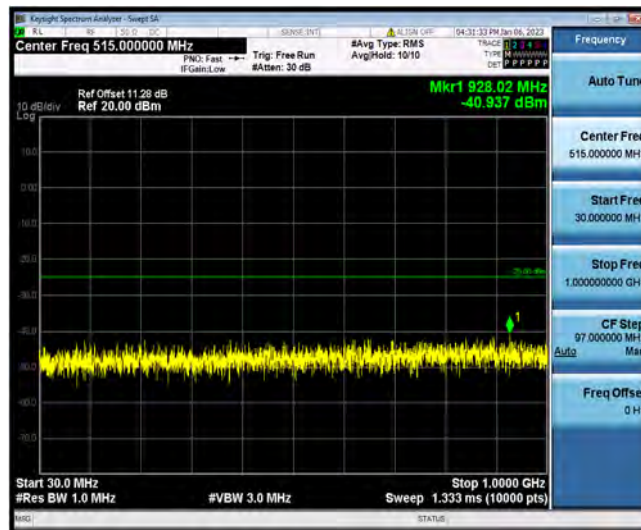
N41-100MHz-QPSK-518598-1RB#0-Range1:30~1000MHz



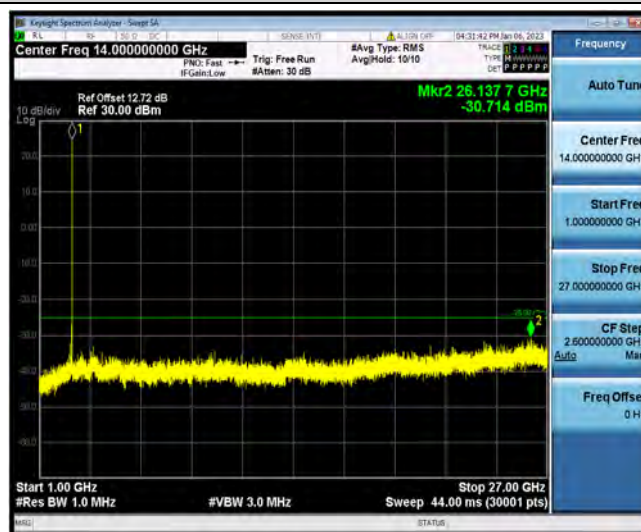
N41-100MHz-QPSK-518598-1RB#0-Range2:1000~27000MHz



N41-100MHz-QPSK-528000-1RB#0-Range1:30~1000MHz



N41-100MHz-QPSK-528000-1RB#0-Range2:1000~27000MHz



Frequency Stability

Test Result

Voltage&Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n41	20MHz	QPSK	51859 8	50RB#0	VL	NT	8.76	0.003378	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	VN	NT	20.91	0.008065	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	VH	NT	18.54	0.007151	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	-30	16.56	0.006387	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	-20	22.01	0.008487	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	0	22.89	0.008826	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	10	13.71	0.005288	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	20	15.18	0.005854	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	30	25.29	0.009755	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	40	9.09	0.003505	±2.5	PASS
n41	20MHz	QPSK	51859 8	50RB#0	NV	50	20.72	0.007990	±2.5	PASS

N66

Peak-to-Average Ratio (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N66	20MHz	QPSK	344000	1RB#0	4.15	13	PASS
N66	20MHz	QPSK	344000	100RB#0	4.85	13	PASS
N66	20MHz	QPSK	349000	1RB#0	3.45	13	PASS
N66	20MHz	QPSK	349000	100RB#0	4.69	13	PASS
N66	20MHz	QPSK	353000	1RB#0	3.83	13	PASS
N66	20MHz	QPSK	353000	100RB#0	4.82	13	PASS

Test Graphs

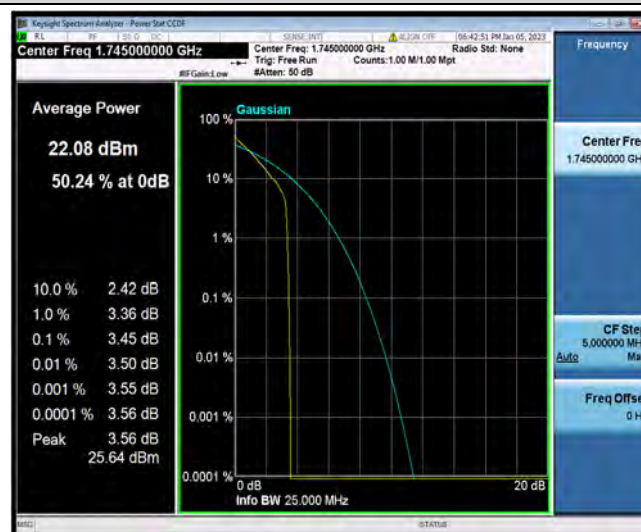
N66-20MHz-QPSK-344000-1RB#0



N66-20MHz-QPSK-344000-100RB#0



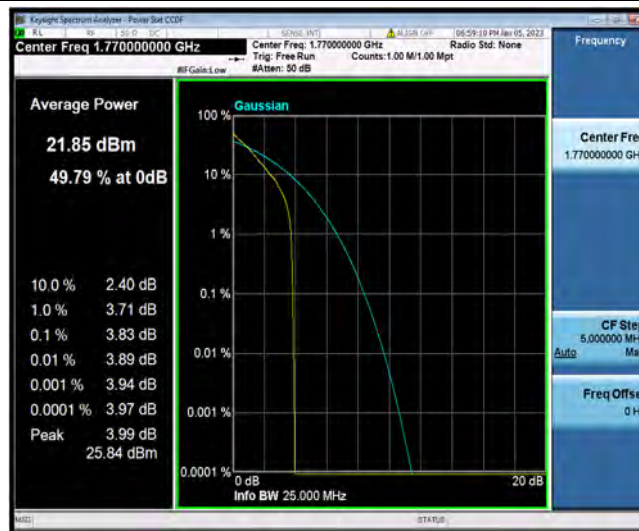
N66-20MHz-QPSK-349000-1RB#0



N66-20MHz-QPSK-349000-100RB#0



N66-20MHz-QPSK-353000-1RB#0



N66-20MHz-QPSK-353000-100RB#0

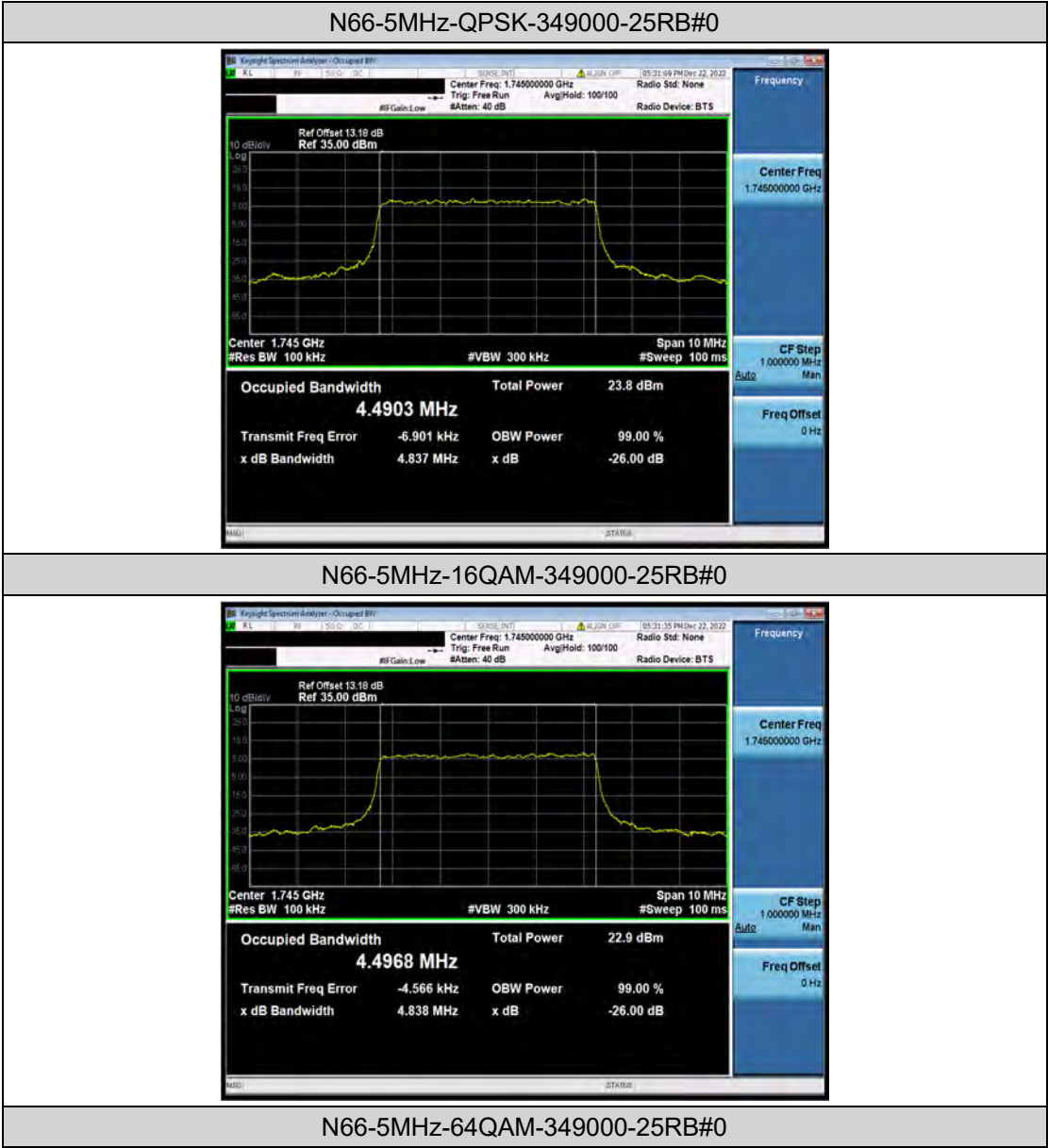


26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N66	5MHz	QPSK	349000	25RB#0	4.4903	4.837	PASS
N66	5MHz	16QAM	349000	25RB#0	4.4968	4.838	PASS
N66	5MHz	64QAM	349000	25RB#0	4.4964	4.819	PASS
N66	5MHz	BPSK	349000	25RB#0	4.5007	4.790	PASS
N66	5MHz	256QAM	349000	25RB#0	4.4969	4.801	PASS
N66	10MHz	QPSK	349000	50RB#0	8.9709	9.493	PASS
N66	10MHz	16QAM	349000	50RB#0	8.9851	9.512	PASS
N66	10MHz	64QAM	349000	50RB#0	8.9904	9.523	PASS
N66	10MHz	256QAM	349000	50RB#0	8.9818	9.523	PASS
N66	10MHz	BPSK	349000	50RB#0	8.9523	9.481	PASS
N66	15MHz	QPSK	349000	75RB#0	13.485	14.23	PASS
N66	15MHz	16QAM	349000	75RB#0	13.484	14.24	PASS
N66	15MHz	64QAM	349000	75RB#0	13.487	14.23	PASS
N66	15MHz	256QAM	349000	75RB#0	13.447	14.23	PASS
N66	15MHz	BPSK	349000	75RB#0	13.483	14.23	PASS
N66	20MHz	QPSK	349000	100RB#0	17.931	18.93	PASS
N66	20MHz	16QAM	349000	100RB#0	17.929	18.94	PASS
N66	20MHz	64QAM	349000	100RB#0	17.927	18.94	PASS
N66	20MHz	BPSK	349000	100RB#0	17.909	18.89	PASS
N66	20MHz	256QAM	349000	100RB#0	17.916	18.92	PASS
N66	30MHz	QPSK	349000	160RB#0	28.540	29.56	PASS
N66	30MHz	16QAM	349000	160RB#0	28.562	29.57	PASS
N66	30MHz	64QAM	349000	160RB#0	28.551	29.57	PASS
N66	30MHz	256QAM	349000	160RB#0	28.542	29.55	PASS
N66	30MHz	BPSK	349000	160RB#0	28.529	29.56	PASS
N66	40MHz	QPSK	349000	216RB#0	38.485	39.86	PASS
N66	40MHz	16QAM	349000	216RB#0	38.519	39.90	PASS
N66	40MHz	64QAM	349000	216RB#0	38.530	39.88	PASS
N66	40MHz	256QAM	349000	216RB#0	38.559	39.90	PASS
N66	40MHz	BPSK	349000	216RB#0	38.498	39.87	PASS

Test Graphs





N66-10MHz-16QAM-349000-50RB#0



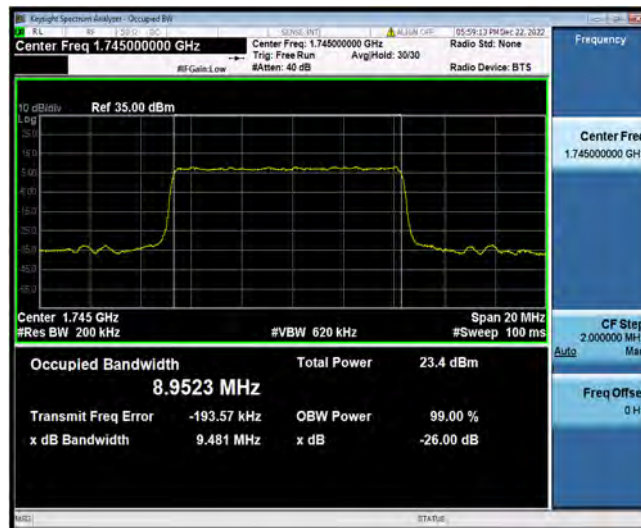
N66-10MHz-64QAM-349000-50RB#0



N66-10MHz-256QAM-349000-50RB#0



N66-10MHz-BPSK-349000-50RB#0



N66-15MHz-QPSK-349000-75RB#0



N66-15MHz-16QAM-349000-75RB#0



N66-15MHz-64QAM-349000-75RB#0



N66-15MHz-256QAM-349000-75RB#0



N66-15MHz-BPSK-349000-75RB#0



N66-20MHz-QPSK-349000-100RB#0



N66-20MHz-16QAM-349000-100RB#0



N66-20MHz-64QAM-349000-100RB#0



N66-20MHz-BPSK-349000-100RB#0



N66-20MHz-256QAM-349000-100RB#0



N66-30MHz-QPSK-349000-160RB#0



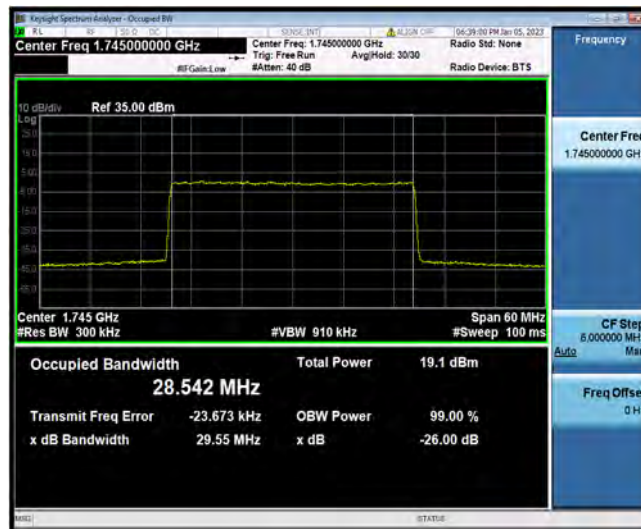
N66-30MHz-16QAM-349000-160RB#0



N66-30MHz-64QAM-349000-160RB#0



N66-30MHz-256QAM-349000-160RB#0



N66-30MHz-BPSK-349000-160RB#0



N66-40MHz-QPSK-349000-216RB#0



N66-40MHz-16QAM-349000-216RB#0



N66-40MHz-64QAM-349000-216RB#0



N66-40MHz-256QAM-349000-216RB#0



N66-40MHz-BPSK-349000-216RB#0



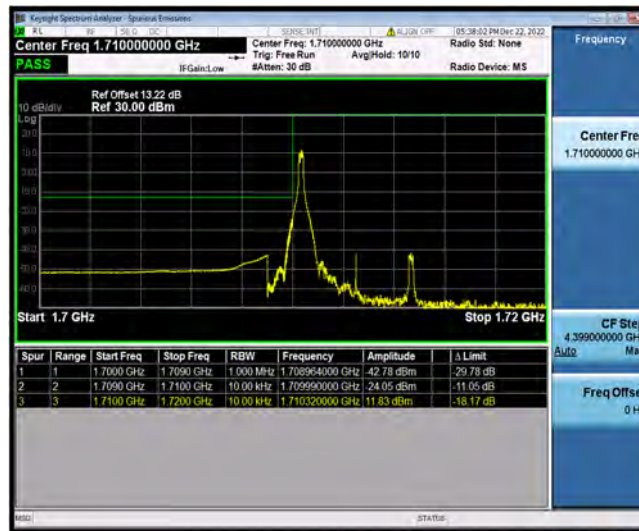
Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N66	5MHz	QPSK	342500	1RB#0	-42.78,-24.05	PASS
N66	5MHz	QPSK	342500	25RB#0	-34.16,-31.62	PASS
N66	5MHz	QPSK	355500	1RB#24	-24.56,-42.52	PASS
N66	5MHz	QPSK	355500	25RB#0	-25.39,-20.78	PASS
N66	20MHz	QPSK	344000	1RB#0	-43.50,-34.37	PASS
N66	20MHz	QPSK	344000	100RB#0	-36.33,-36.42	PASS
N66	20MHz	QPSK	353000	1RB#99	-25.36,-41.99	PASS
N66	20MHz	QPSK	353000	100RB#0	-33.50,-31.56	PASS
N66	40MHz	QPSK	346000	1RB#0	-42.12,-38.09	PASS
N66	40MHz	QPSK	346000	216RB#0	-38.70,-41.17	PASS
N66	40MHz	QPSK	352000	1RB#214	-49.71,-42.44	PASS
N66	40MHz	QPSK	352000	216RB#0	-38.02,-36.45	PASS

Test Graphs

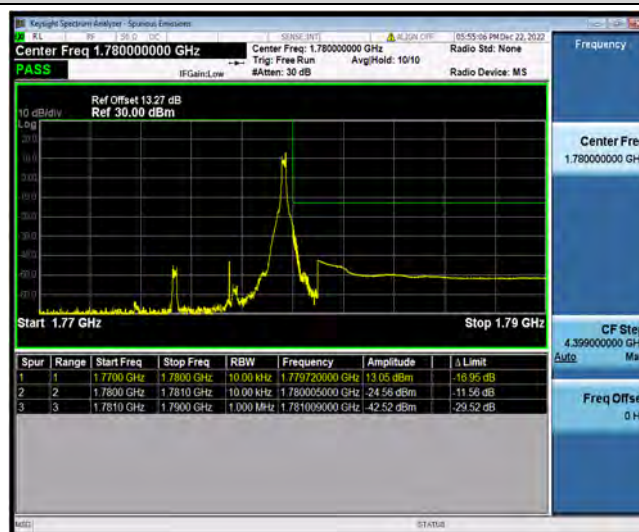
N66-5MHz-QPSK-342500-1RB#0



N66-5MHz-QPSK-342500-25RB#0



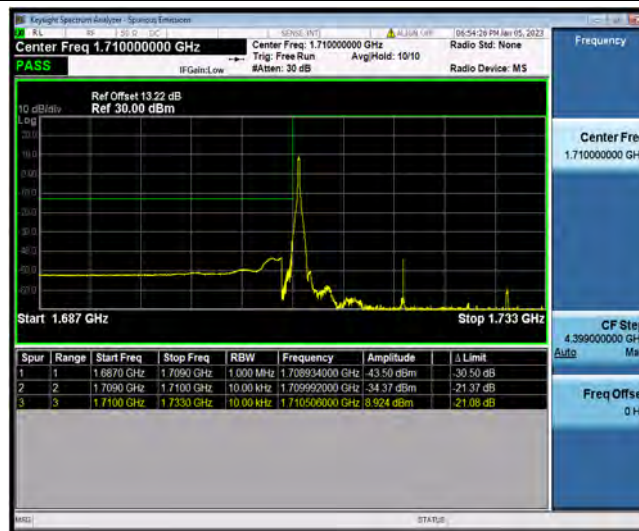
N66-5MHz-QPSK-355500-1RB#24



N66-5MHz-QPSK-355500-25RB#0



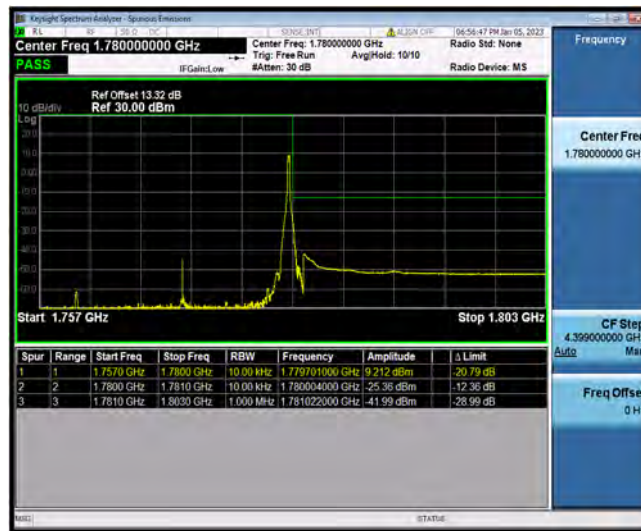
N66-20MHz-QPSK-344000-1RB#0



N66-20MHz-QPSK-344000-100RB#0



N66-20MHz-QPSK-353000-1RB#99



N66-20MHz-QPSK-353000-100RB#0



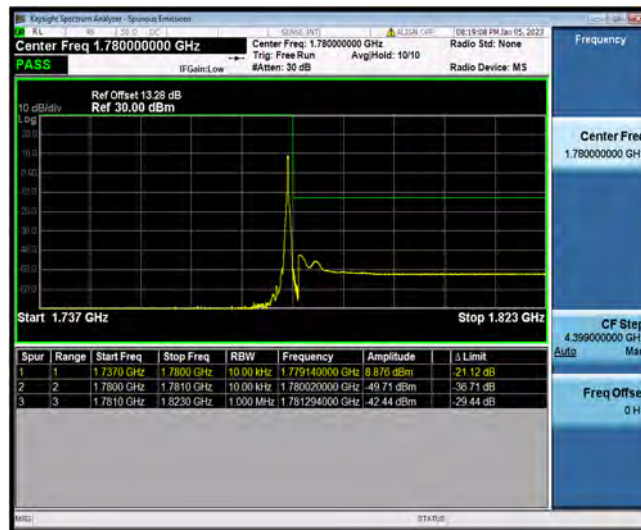
N66-40MHz-QPSK-346000-1RB#0



N66-40MHz-QPSK-346000-216RB#0



N66-40MHz-QPSK-352000-1RB#214



N66-40MHz-QPSK-352000-216RB#0



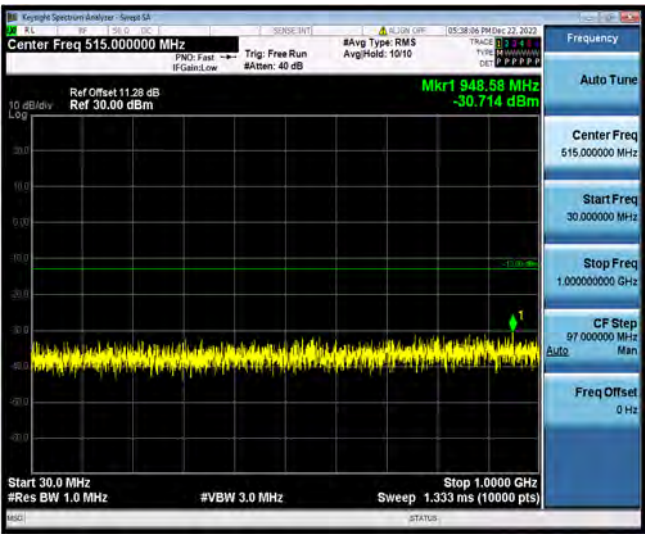
Conducted Spurious Emission

Test Result

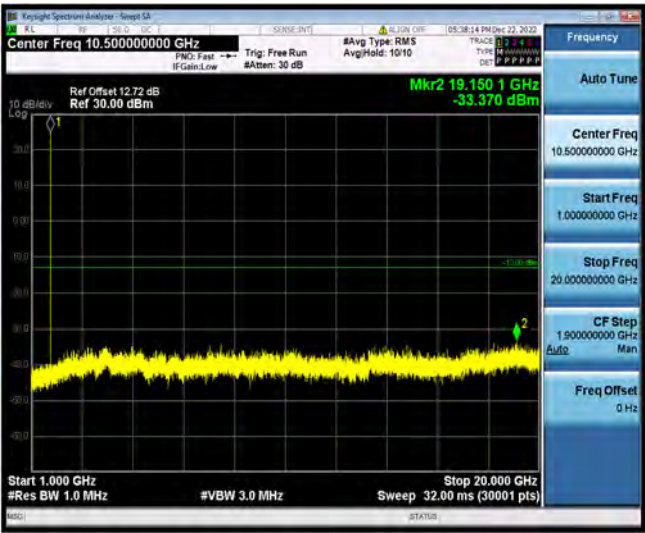
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N66	5MHz	QPSK	342500	1RB#0	Range1:30~1000MHz	- 30.71	PASS
N66	5MHz	QPSK	342500	1RB#0	Range2:1000~20000MHz	- 33.37	PASS
N66	5MHz	QPSK	349000	1RB#0	Range1:30~1000MHz	- 31.08	PASS
N66	5MHz	QPSK	349000	1RB#0	Range2:1000~20000MHz	- 33.09	PASS
N66	5MHz	QPSK	355500	1RB#0	Range1:30~1000MHz	- 30.37	PASS
N66	5MHz	QPSK	355500	1RB#0	Range2:1000~20000MHz	- 33.28	PASS
N66	20MHz	QPSK	344000	1RB#0	Range1:30~1000MHz	- 30.63	PASS
N66	20MHz	QPSK	344000	1RB#0	Range2:1000~20000MHz	- 32.62	PASS
N66	20MHz	QPSK	349000	1RB#0	Range1:30~1000MHz	- 29.72	PASS
N66	20MHz	QPSK	349000	1RB#0	Range2:1000~20000MHz	- 33.89	PASS
N66	20MHz	QPSK	353000	1RB#0	Range1:30~1000MHz	- 30.96	PASS
N66	20MHz	QPSK	353000	1RB#0	Range2:1000~20000MHz	- 32.67	PASS
N66	40MHz	QPSK	346000	1RB#0	Range1:30~1000MHz	- 30.83	PASS
N66	40MHz	QPSK	346000	1RB#0	Range2:1000~20000MHz	- 33.65	PASS
N66	40MHz	QPSK	349000	1RB#0	Range1:30~1000MHz	- 31.32	PASS
N66	40MHz	QPSK	349000	1RB#0	Range2:1000~20000MHz	- 33.47	PASS
N66	40MHz	QPSK	352000	1RB#0	Range1:30~1000MHz	-30.4	PASS
N66	40MHz	QPSK	352000	1RB#0	Range2:1000~20000MHz	- 33.71	PASS

Test Graphs

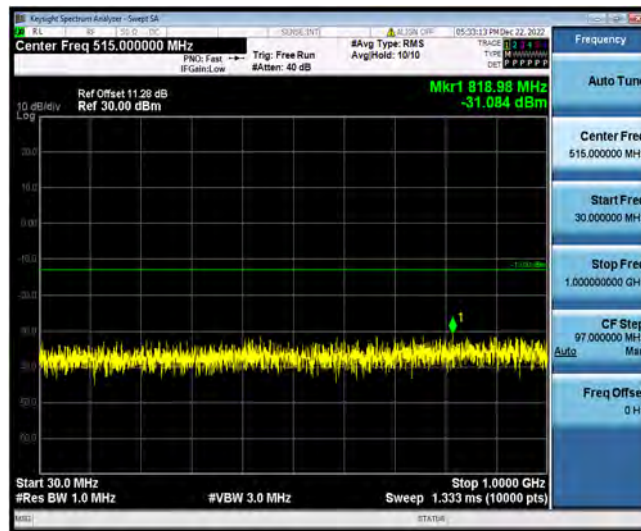
N66-5MHz-QPSK-342500-1RB#0-Range1:30~1000MHz



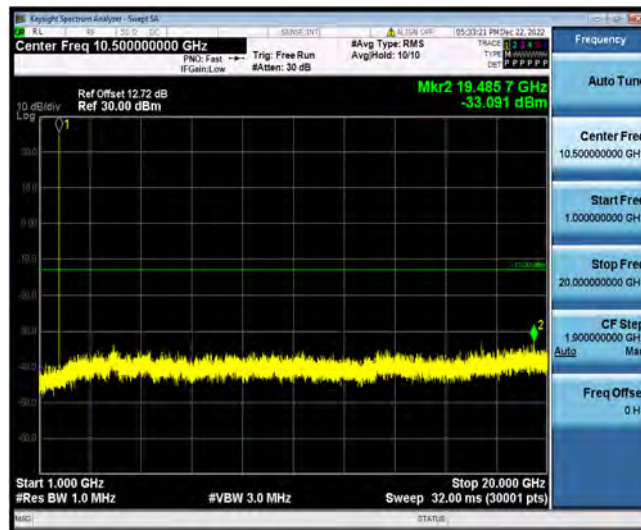
N66-5MHz-QPSK-342500-1RB#0-Range2:1000~20000MHz



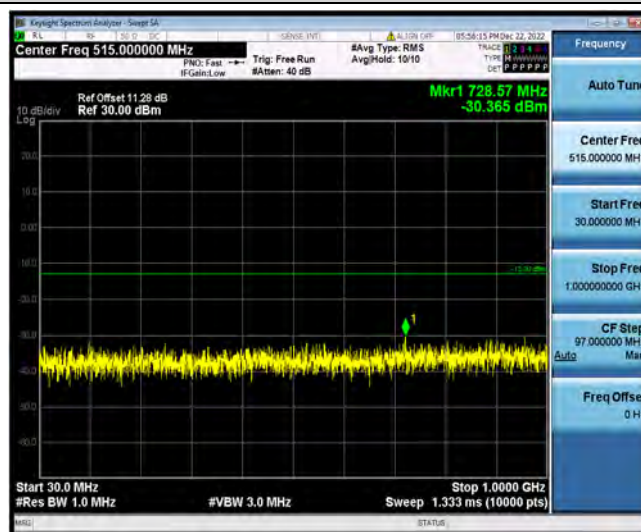
N66-5MHz-QPSK-349000-1RB#0-Range1:30~1000MHz



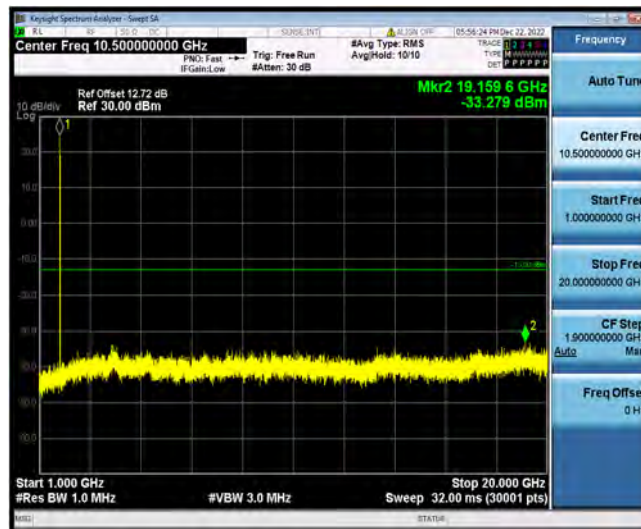
N66-5MHz-QPSK-349000-1RB#0-Range2:1000~20000MHz



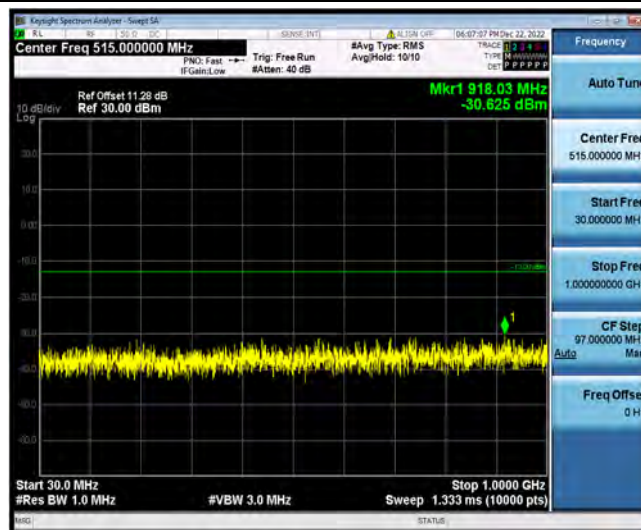
N66-5MHz-QPSK-355500-1RB#0-Range1:30~1000MHz



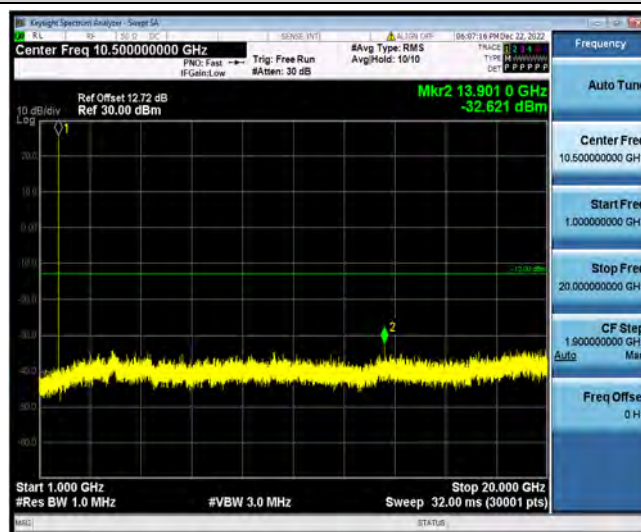
N66-5MHz-QPSK-355500-1RB#0-Range2:1000~20000MHz



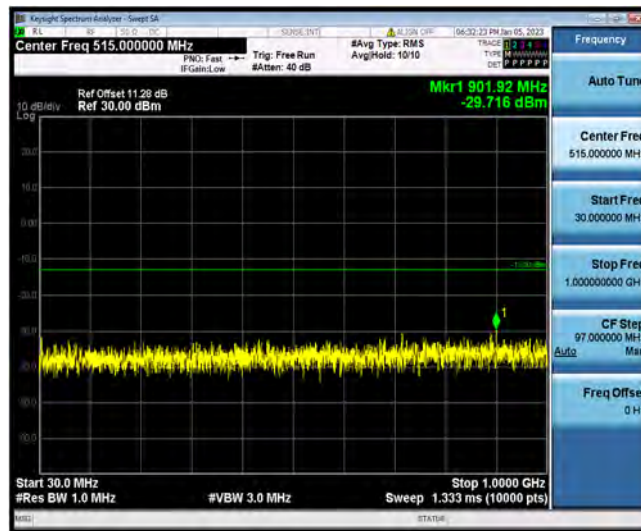
N66-20MHz-QPSK-344000-1RB#0-Range1:30~1000MHz



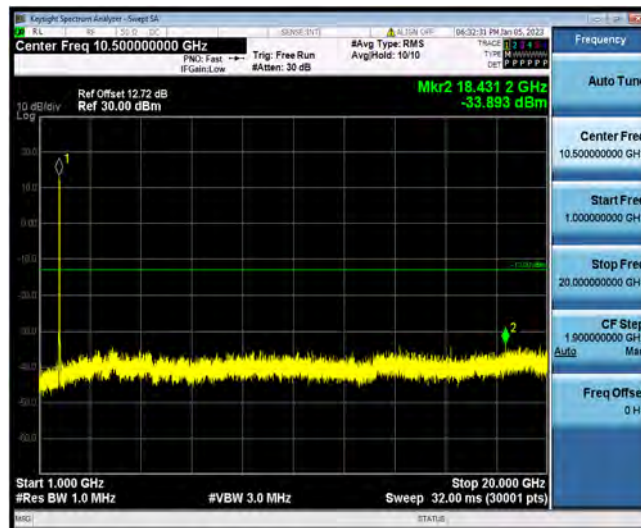
N66-20MHz-QPSK-344000-1RB#0-Range2:1000~20000MHz



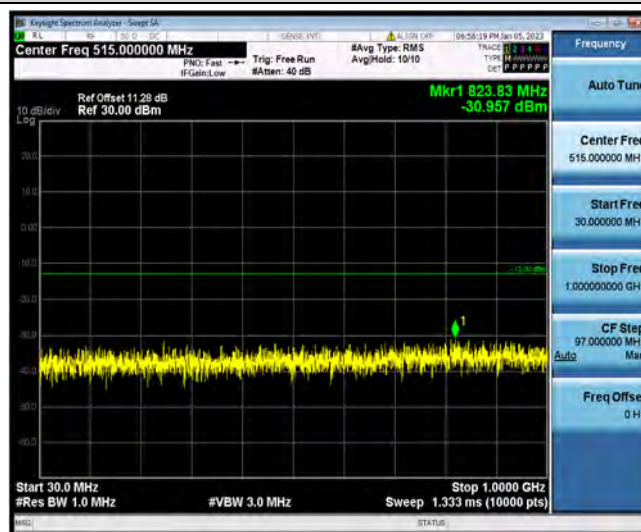
N66-20MHz-QPSK-349000-1RB#0-Range1:30~1000MHz



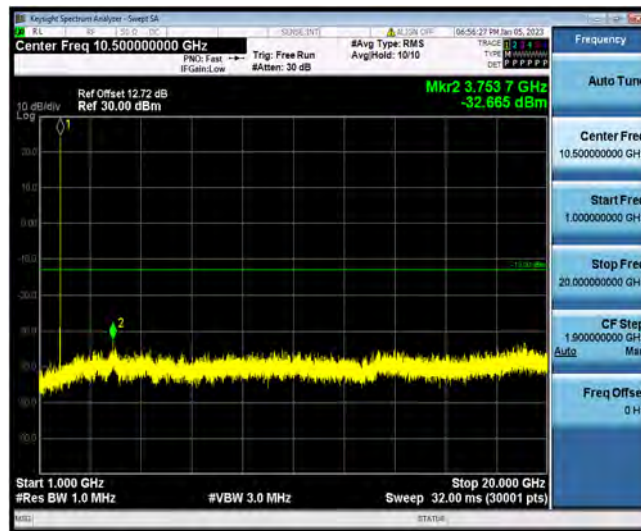
N66-20MHz-QPSK-349000-1RB#0-Range2:1000~20000MHz



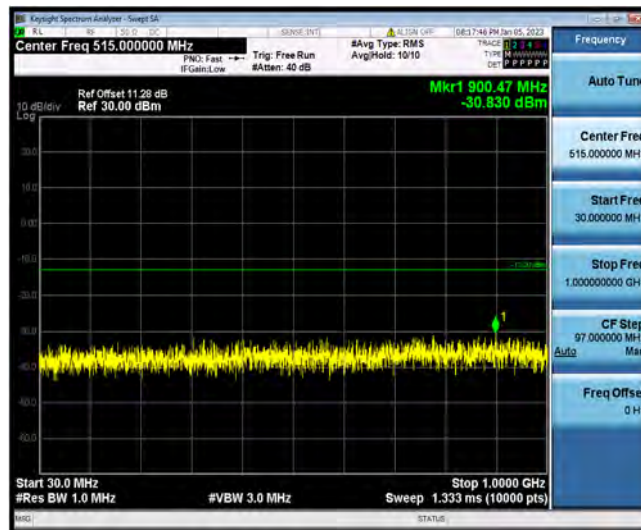
N66-20MHz-QPSK-353000-1RB#0-Range1:30~1000MHz



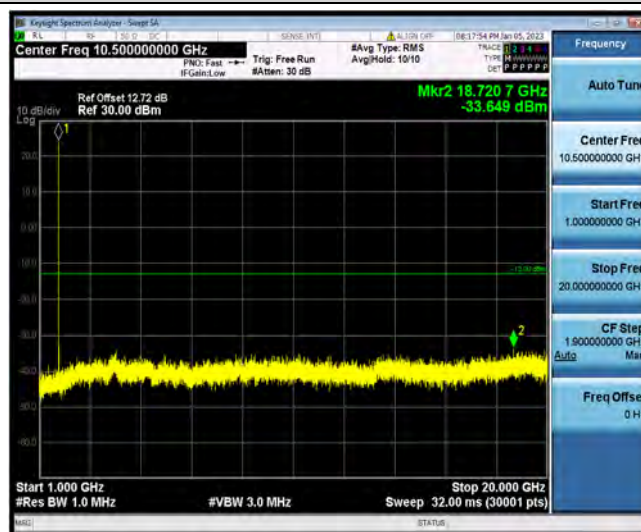
N66-20MHz-QPSK-353000-1RB#0-Range2:1000~20000MHz



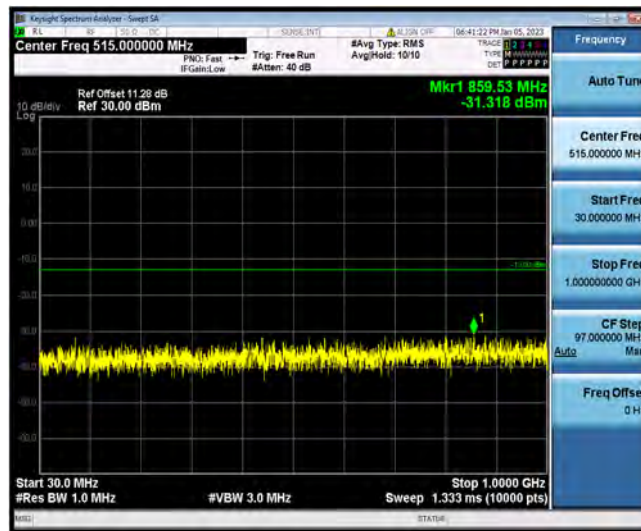
N66-40MHz-QPSK-346000-1RB#0-Range1:30~1000MHz



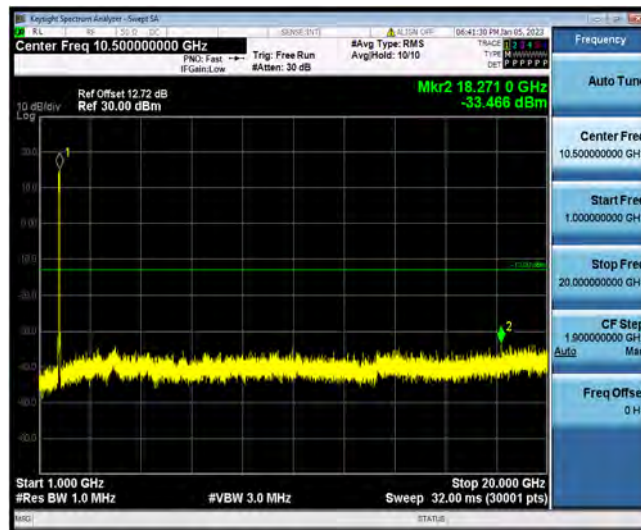
N66-40MHz-QPSK-346000-1RB#0-Range2:1000~20000MHz



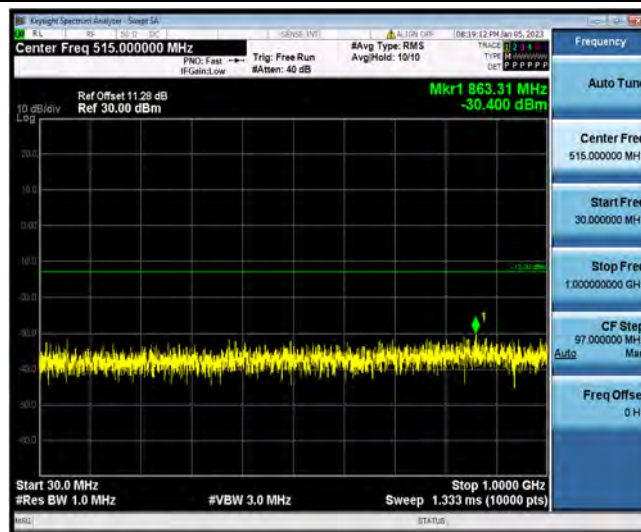
N66-40MHz-QPSK-349000-1RB#0-Range1:30~1000MHz



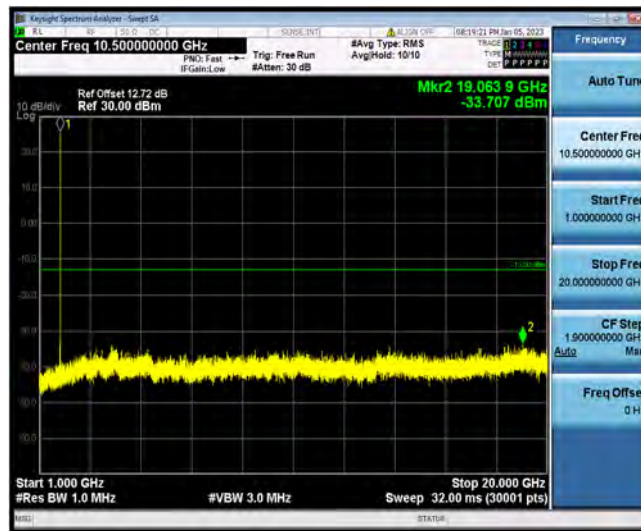
N66-40MHz-QPSK-349000-1RB#0-Range2:1000~20000MHz



N66-40MHz-QPSK-352000-1RB#0-Range1:30~1000MHz



N66-40MHz-QPSK-352000-1RB#0-Range2:1000~20000MHz



Frequency Stability

Test Result

Voltage&Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N66	20MHz	QPSK	34900 0	50RB#0	VL	NT	20.04	0.011485	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	VN	NT	42.98	0.024628	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	VH	NT	28.68	0.016434	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	-30	44.05	0.025242	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	-20	30.38	0.017410	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	0	49.30	0.028254	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	10	38.54	0.022084	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	20	38.00	0.021774	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	30	46.00	0.026363	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	40	20.52	0.011759	±2.5	PASS
N66	20MHz	QPSK	34900 0	50RB#0	NV	50	21.54	0.012346	±2.5	PASS

N71

Peak-to-Average Ratio (CCDF)

Test Result

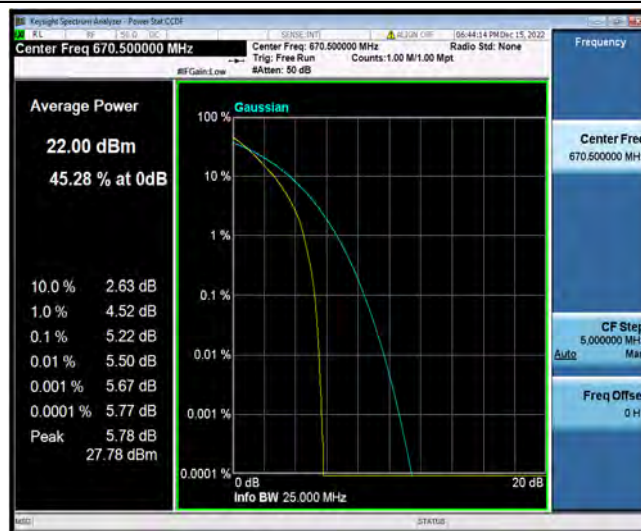
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N71	15MHz	QPSK	134100	1RB#0	4.93	13	PASS
N71	15MHz	QPSK	134100	75RB#0	5.22	13	PASS
N71	15MHz	QPSK	136100	1RB#0	4.88	13	PASS
N71	15MHz	QPSK	136100	75RB#0	5.41	13	PASS
N71	15MHz	QPSK	138100	1RB#0	4.37	13	PASS
N71	15MHz	QPSK	138100	75RB#0	4.77	13	PASS

Test Graphs

N71-15MHz-QPSK-134100-1RB#0



N71-15MHz-QPSK-134100-75RB#0



N71-15MHz-QPSK-136100-1RB#0



N71-15MHz-QPSK-136100-75RB#0



N71-15MHz-QPSK-138100-1RB#0



N71-15MHz-QPSK-138100-75RB#0



26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N71	5MHz	QPSK	136100	25RB#0	4.5001	4.839	PASS
N71	5MHz	16QAM	136100	25RB#0	4.5137	4.880	PASS
N71	5MHz	64QAM	136100	25RB#0	4.5054	4.777	PASS
N71	5MHz	256QAM	136100	25RB#0	4.4947	4.784	PASS
N71	5MHz	BPSK	136100	25RB#0	4.5064	4.828	PASS
N71	10MHz	QPSK	136100	50RB#0	8.9774	9.507	PASS
N71	10MHz	16QAM	136100	50RB#0	8.9901	9.517	PASS
N71	10MHz	64QAM	136100	50RB#0	9.0106	9.534	PASS
N71	10MHz	BPSK	136100	50RB#0	8.9743	9.496	PASS
N71	10MHz	256QAM	136100	50RB#0	8.9649	9.486	PASS
N71	15MHz	QPSK	136100	75RB#0	13.492	14.22	PASS
N71	15MHz	16QAM	136100	75RB#0	13.483	14.21	PASS
N71	15MHz	64QAM	136100	75RB#0	13.484	14.22	PASS
N71	15MHz	BPSK	136100	75RB#0	13.472	14.20	PASS
N71	15MHz	256QAM	136100	75RB#0	13.498	14.22	PASS

Test Graphs

N71-5MHz-QPSK-133100-25RB#0



N71-5MHz-QPSK-136100-25RB#0



N71-5MHz-16QAM-136100-25RB#0



N71-5MHz-64QAM-136100-25RB#0



N71-5MHz-256QAM-136100-25RB#0



N71-5MHz-BPSK-136100-25RB#0



N71-10MHz-QPSK-133600-50RB#0



N71-10MHz-QPSK-136100-50RB#0



N71-10MHz-QPSK-138600-50RB#0