

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain(dBi)	EIRP(dBm)	Limit(dBm)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#0-0RB#0	22.65	2	24.65	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#0-1RB#74	10.77	2	12.77	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#74-0RB#0	22.48	2	24.48	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	20.76	2	22.76	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#0-0RB#0	22.77	2	24.77	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#0-1RB#74	10.86	2	12.86	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#74-0RB#0	22.47	2	24.47	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	20.76	2	22.76	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#0-0RB#0	22.66	2	24.66	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#0-1RB#74	10.79	2	12.79	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#74-0RB#0	22.49	2	24.49	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	20.68	2	22.68	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#0-0RB#0	21.37	2	23.37	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#0-1RB#74	15.48	2	17.48	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#74-0RB#0	21.15	2	23.15	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	20.84	2	22.84	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#0-0RB#0	21.43	2	23.43	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#0-1RB#74	15.46	2	17.46	33	PASS

38-3 8	15MHz-15M Hz	64QAM-64QAM	37925-380 75	1RB#74-0RB#0	21.14	2	23.14	33	PASS
38-3 8	15MHz-15M Hz	64QAM-64QAM	37925-380 75	75RB#0-75RB#0	20.82	2	22.82	33	PASS
38-3 8	15MHz-15M Hz	64QAM-64QAM	38025-381 75	1RB#0-0RB#0	21.42	2	23.42	33	PASS
38-3 8	15MHz-15M Hz	64QAM-64QAM	38025-381 75	1RB#0-1RB#74	15.45	2	17.45	33	PASS
38-3 8	15MHz-15M Hz	64QAM-64QAM	38025-381 75	1RB#74-0RB#0	21.04	2	23.04	33	PASS
38-3 8	15MHz-15M Hz	64QAM-64QAM	38025-381 75	75RB#0-75RB#0	20.75	2	22.75	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37825-379 75	1RB#0-0RB#0	15.56	2	17.56	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37825-379 75	1RB#0-1RB#74	15.51	2	17.51	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37825-379 75	1RB#74-0RB#0	15.88	2	17.88	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37825-379 75	75RB#0-75RB#0	18.79	2	20.79	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37925-380 75	1RB#0-0RB#0	15.59	2	17.59	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37925-380 75	1RB#0-1RB#74	15.56	2	17.56	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37925-380 75	1RB#74-0RB#0	15.82	2	17.82	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	37925-380 75	75RB#0-75RB#0	18.78	2	20.78	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	38025-381 75	1RB#0-0RB#0	15.32	2	17.32	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	38025-381 75	1RB#0-1RB#74	15.35	2	17.35	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	38025-381 75	1RB#74-0RB#0	15.53	2	17.53	33	PASS
38-3 8	15MHz-15M Hz	256QAM-256Q AM	38025-381 75	75RB#0-75RB#0	18.75	2	20.75	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	37825-379 75	1RB#0-0RB#0	22.07	2	24.07	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	37825-379 75	1RB#0-1RB#74	15.25	2	17.25	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	37825-379 75	1RB#74-0RB#0	21.93	2	23.93	33	PASS

38-3 8	15MHz-15M Hz	16QAM-16QAM	37825-379 75	75RB#0-75RB#0	19.82	2	21.82	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	37925-380 75	1RB#0-0RB#0	22.21	2	24.21	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	37925-380 75	1RB#0-1RB#74	15.26	2	17.26	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	37925-380 75	1RB#74-0RB#0	21.94	2	23.94	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	37925-380 75	75RB#0-75RB#0	19.81	2	21.81	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	38025-381 75	1RB#0-0RB#0	22.15	2	24.15	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	38025-381 75	1RB#0-1RB#74	15.68	2	17.68	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	38025-381 75	1RB#74-0RB#0	21.87	2	23.87	33	PASS
38-3 8	15MHz-15M Hz	16QAM-16QAM	38025-381 75	75RB#0-75RB#0	19.75	2	21.75	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37850-380 48	1RB#0-0RB#0	22.66	2	24.66	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37850-380 48	1RB#0-1RB#99	15.31	2	17.31	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37850-380 48	1RB#99-0RB#0	22.56	2	24.56	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37850-380 48	100RB#0-100RB #0	21.75	2	23.75	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37901-380 99	1RB#0-0RB#0	22.79	2	24.79	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37901-380 99	1RB#0-1RB#99	15.34	2	17.34	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37901-380 99	1RB#99-0RB#0	22.54	2	24.54	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37901-380 99	100RB#0-100RB #0	21.77	2	23.77	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37952-381 50	1RB#0-0RB#0	22.85	2	24.85	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37952-381 50	1RB#0-1RB#99	15.37	2	17.37	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37952-381 50	1RB#99-0RB#0	22.51	2	24.51	33	PASS
38-3 8	20MHz-20M Hz	QPSK-QPSK	37952-381 50	100RB#0-100RB #0	21.79	2	23.79	33	PASS

38-3 8	20MHz-20M Hz	64QAM-64QAM	37850-380 48	1RB#0-0RB#0	21.25	2	23.25	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37850-380 48	1RB#0-1RB#99	15.22	2	17.22	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37850-380 48	1RB#99-0RB#0	21.07	2	23.07	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37850-380 48	100RB#0-100RB #0	20.76	2	22.76	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37901-380 99	1RB#0-0RB#0	21.27	2	23.27	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37901-380 99	1RB#0-1RB#99	15.24	2	17.24	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37901-380 99	1RB#99-0RB#0	21.01	2	23.01	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37901-380 99	100RB#0-100RB #0	20.83	2	22.83	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37952-381 50	1RB#0-0RB#0	21.33	2	23.33	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37952-381 50	1RB#0-1RB#99	15.3	2	17.3	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37952-381 50	1RB#99-0RB#0	20.95	2	22.95	33	PASS
38-3 8	20MHz-20M Hz	64QAM-64QAM	37952-381 50	100RB#0-100RB #0	20.78	2	22.78	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37850-380 48	1RB#0-0RB#0	15.82	2	17.82	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37850-380 48	1RB#0-1RB#99	15.42	2	17.42	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37850-380 48	1RB#99-0RB#0	16.07	2	18.07	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37850-380 48	100RB#0-100RB #0	18.78	2	20.78	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37901-380 99	1RB#0-0RB#0	15.85	2	17.85	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37901-380 99	1RB#0-1RB#99	15.44	2	17.44	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37901-380 99	1RB#99-0RB#0	16.09	2	18.09	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37901-380 99	100RB#0-100RB #0	18.81	2	20.81	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37952-381 50	1RB#0-0RB#0	15.9	2	17.9	33	PASS

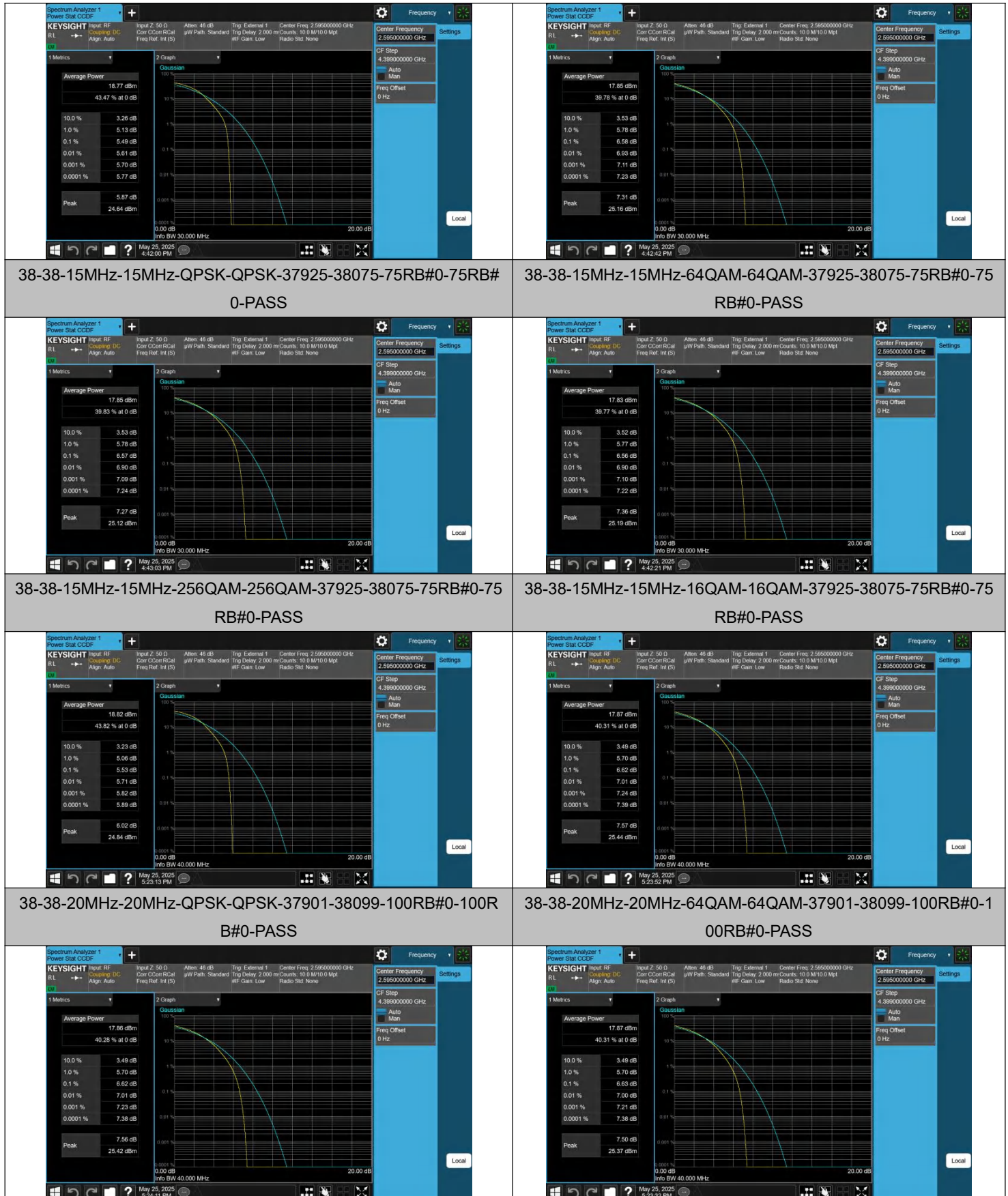
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37952-381 50	1RB#0-1RB#99	15.5	2	17.5	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37952-381 50	1RB#99-0RB#0	16.02	2	18.02	33	PASS
38-3 8	20MHz-20M Hz	256QAM-256Q AM	37952-381 50	100RB#0-100RB #0	18.79	2	20.79	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37850-380 48	1RB#0-0RB#0	22.07	2	24.07	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37850-380 48	1RB#0-1RB#99	15.16	2	17.16	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37850-380 48	1RB#99-0RB#0	21.63	2	23.63	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37850-380 48	100RB#0-100RB #0	20.79	2	22.79	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37901-380 99	1RB#0-0RB#0	21.85	2	23.85	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37901-380 99	1RB#0-1RB#99	15.18	2	17.18	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37901-380 99	1RB#99-0RB#0	21.65	2	23.65	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37901-380 99	100RB#0-100RB #0	20.81	2	22.81	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37952-381 50	1RB#0-0RB#0	21.93	2	23.93	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37952-381 50	1RB#0-1RB#99	15.24	2	17.24	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37952-381 50	1RB#99-0RB#0	21.65	2	23.65	33	PASS
38-3 8	20MHz-20M Hz	16QAM-16QAM	37952-381 50	100RB#0-100RB #0	20.82	2	22.82	33	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	5.49	13	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	6.58	13	PASS
38-38	15MHz-15MHz	256QAM-256QAM	37925-38075	75RB#0-75RB#0	6.57	13	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	6.56	13	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	5.53	13	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	6.62	13	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37901-38099	100RB#0-100RB#0	6.62	13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	6.63	13	PASS

Test Graphs



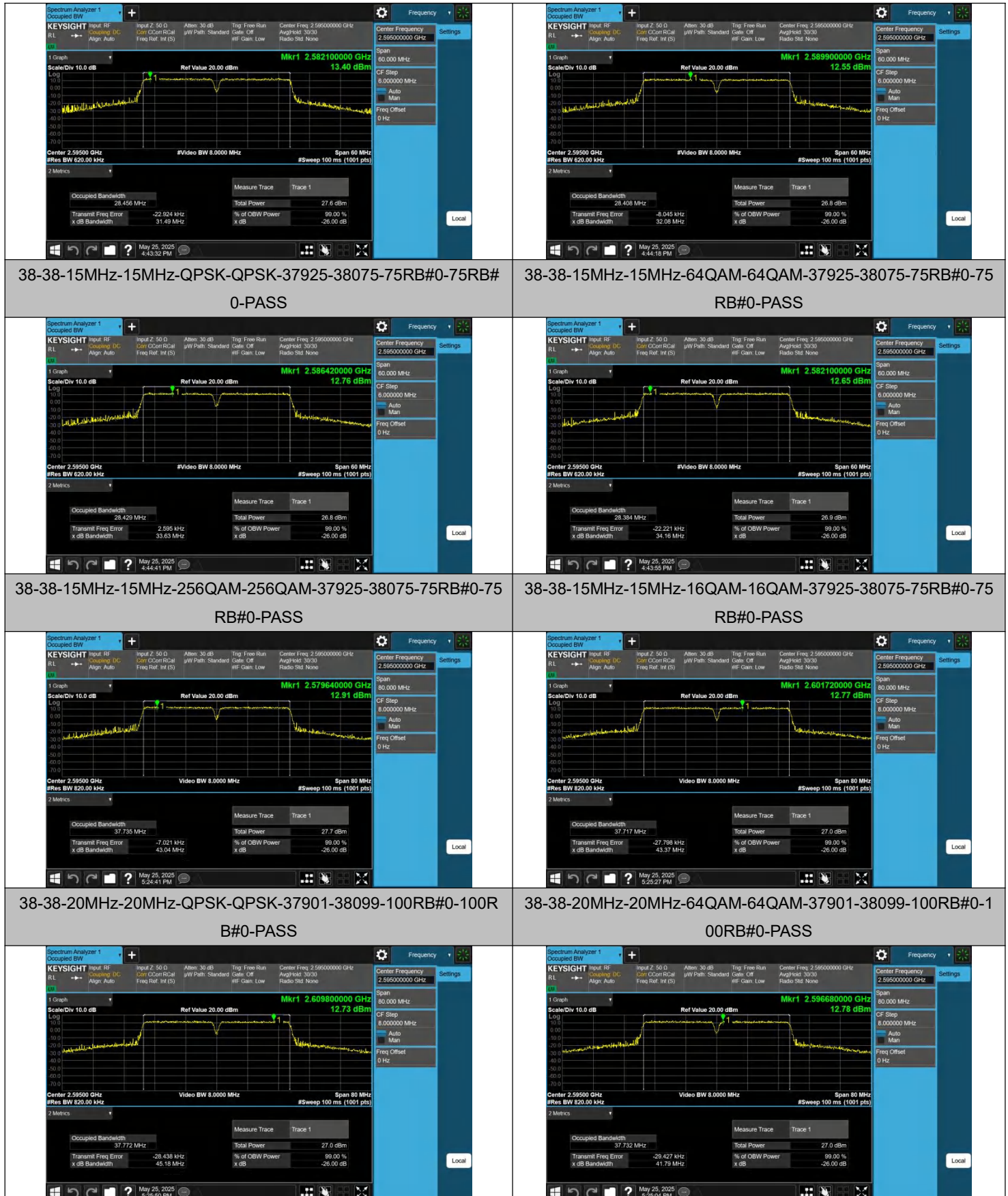
38-38-20MHz-20MHz-256QAM-256QAM-37901-38099-100RB#0-1 00RB#0-PASS	38-38-20MHz-20MHz-16QAM-16QAM-37901-38099-100RB#0-1 00RB#0-PASS
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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	28.456	31.49	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	28.408	32.08	PASS
38-38	15MHz-15MHz	256QAM-256QAM	37925-38075	75RB#0-75RB#0	28.429	33.63	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	28.384	34.16	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	37.735	43.04	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	37.717	43.37	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37901-38099	100RB#0-100RB#0	37.772	45.18	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	37.732	41.79	PASS

Test Graphs

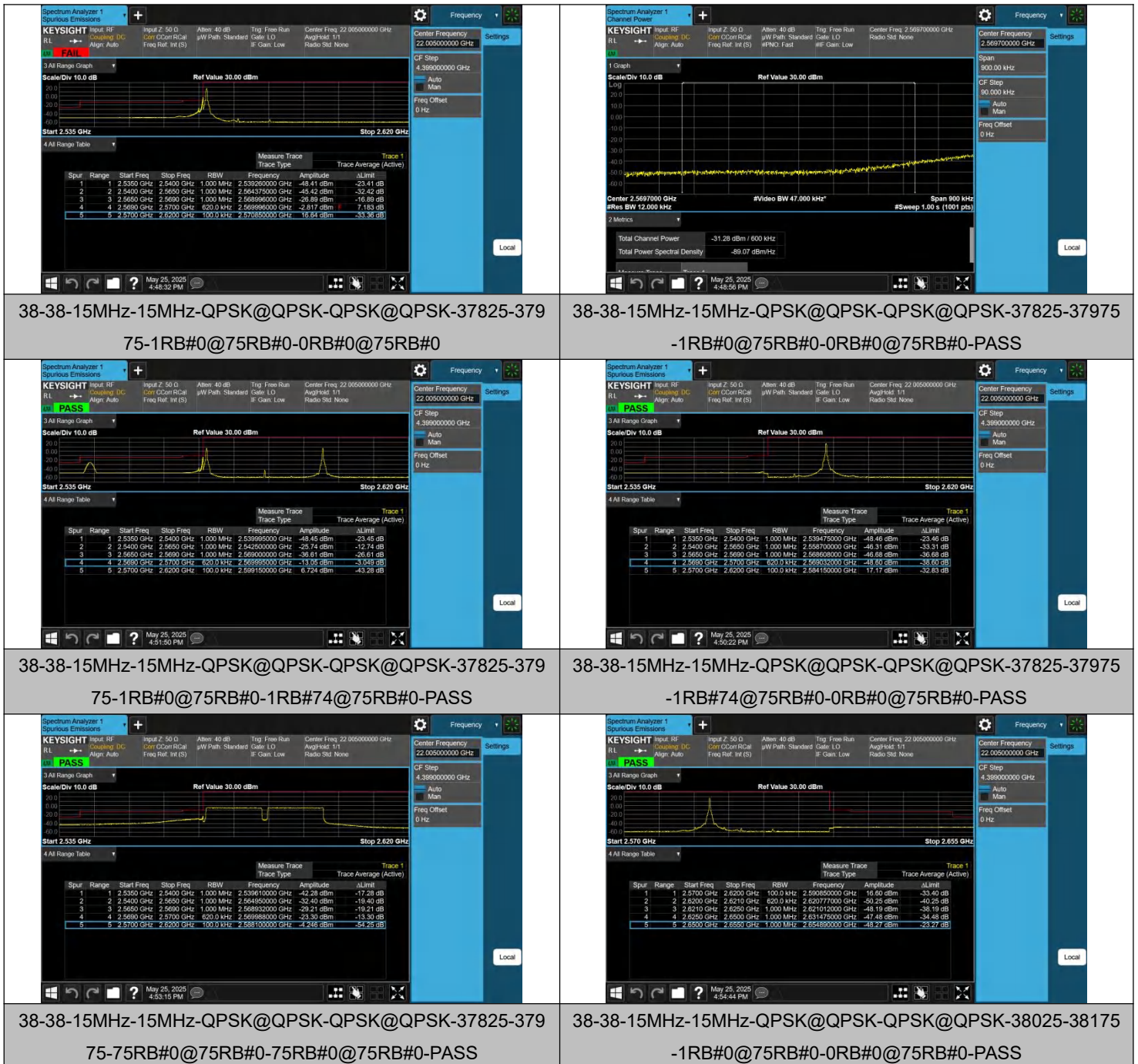


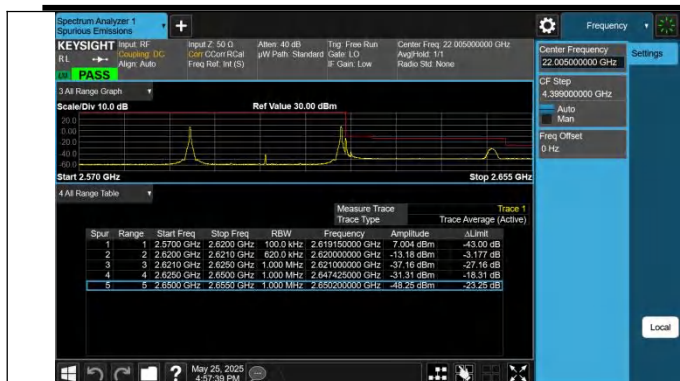
38-38-20MHz-20MHz-256QAM-256QAM-37901-38099-100RB#0-1
00RB#0-PASS

38-38-20MHz-20MHz-16QAM-16QAM-37901-38099-100RB#0-1
00RB#0-PASS

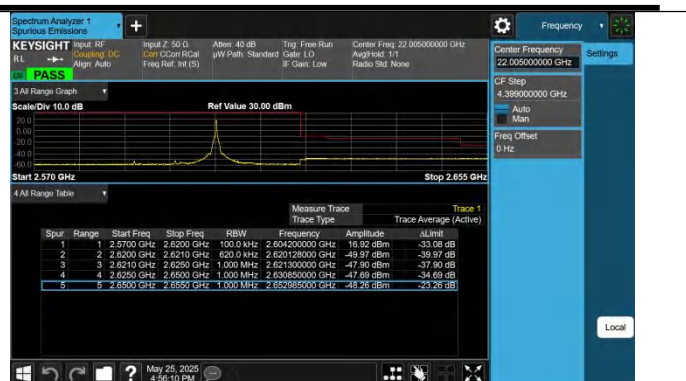
Band Edge

Test Graphs

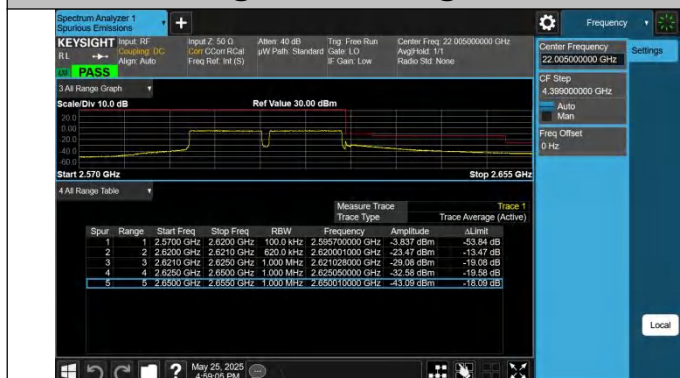




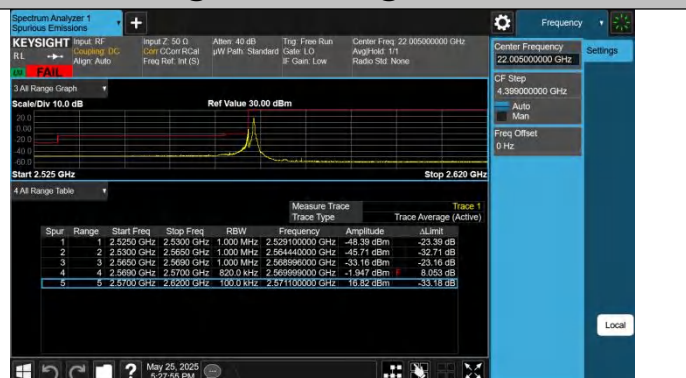
38-38-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-38025-381
75-1RB#0@75RB#0-1RB#74@75RB#0-PASS



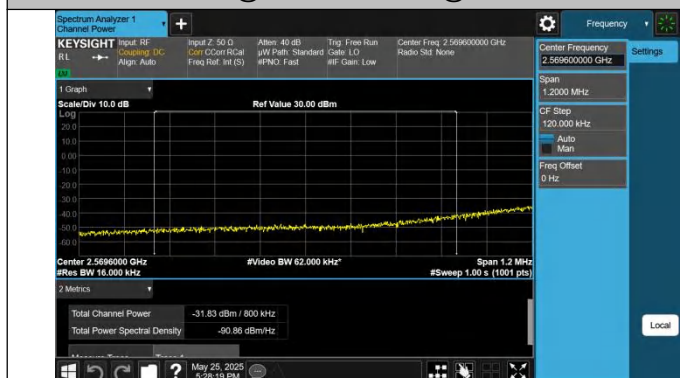
38-38-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-38025-38175
-1RB#74@75RB#0-0RB#0@75RB#0-PASS



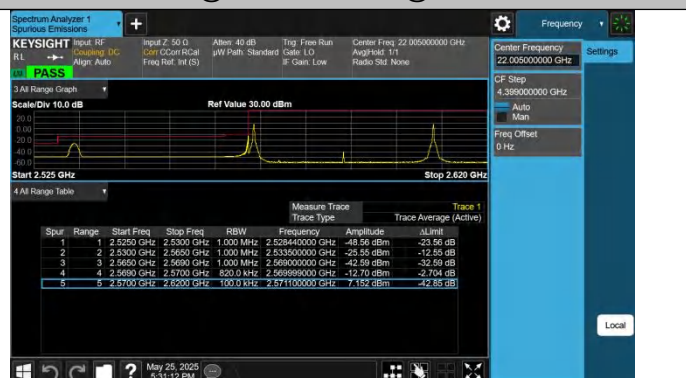
38-38-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-38025-381
75-75RB#0@75RB#0-75RB#0@75RB#0-PASS



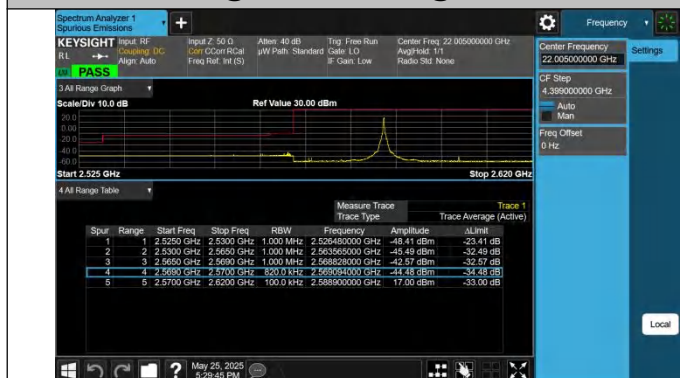
38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37850-38048
-1RB#0@100RB#0-0RB#0@100RB#0



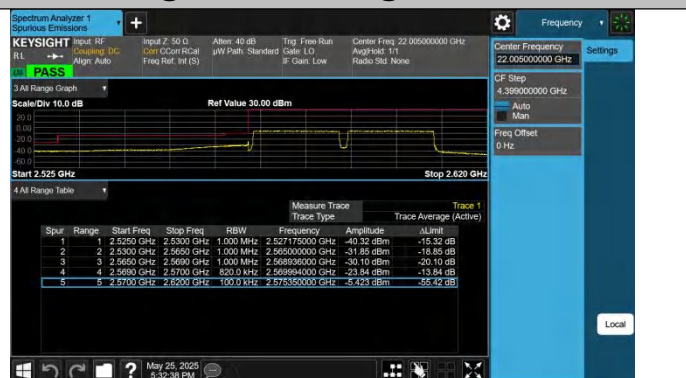
38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37850-380
48-1RB#0@100RB#0-0RB#0@100RB#0-PASS



38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37850-38048
-1RB#0@100RB#0-1RB#99@100RB#0-PASS



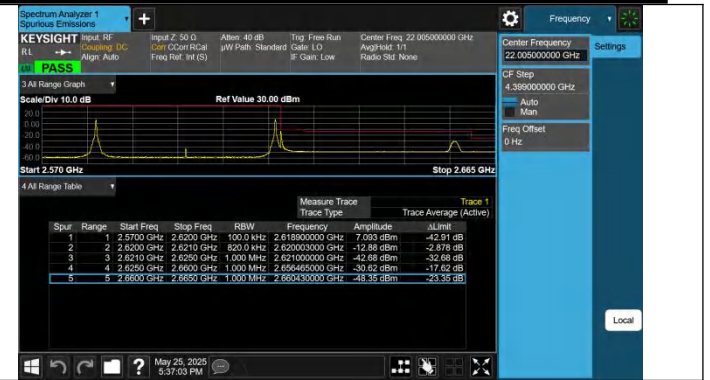
38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37850-380
48-1RB#99@100RB#0-0RB#0@100RB#0-PASS



38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37850-38048
-100RB#0@100RB#0-100RB#0@100RB#0-PASS



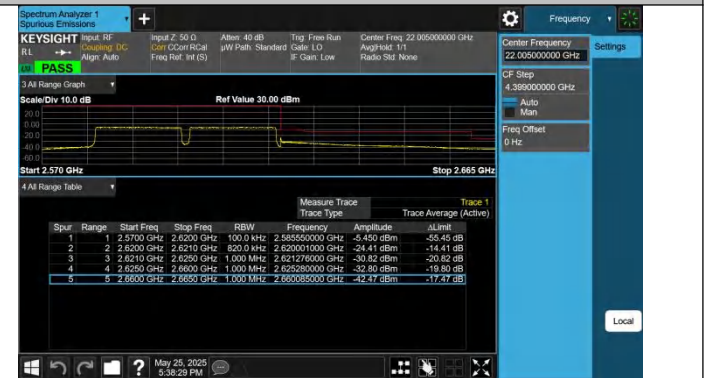
38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37952-381
50-1RB#0@100RB#0-0RB#0@100RB#0-PASS



38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37952-38150
-1RB#0@100RB#0-1RB#99@100RB#0-PASS



38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37952-381
50-1RB#99@100RB#0-0RB#0@100RB#0-PASS



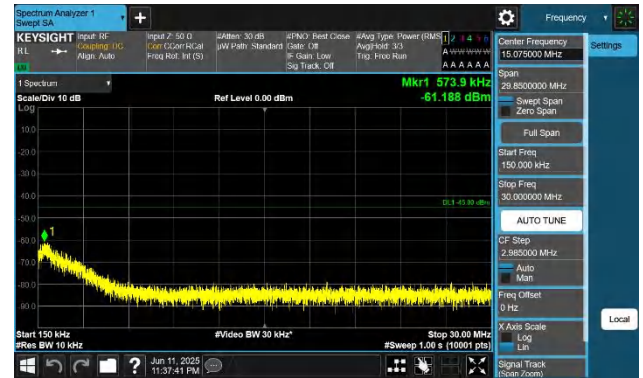
38-38-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-37952-38150
-100RB#0@100RB#0-100RB#0@100RB#0-PASS

Conducted Spurious Emission

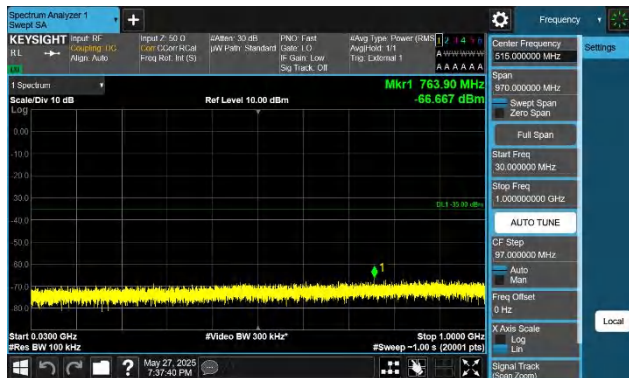
Test Graphs



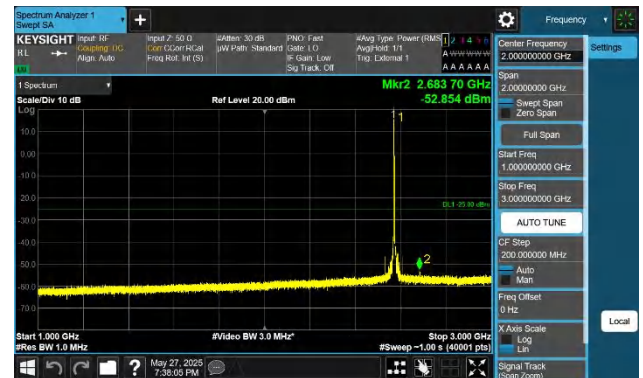
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-0RB#0
-0.009~0.15MHz-PASS



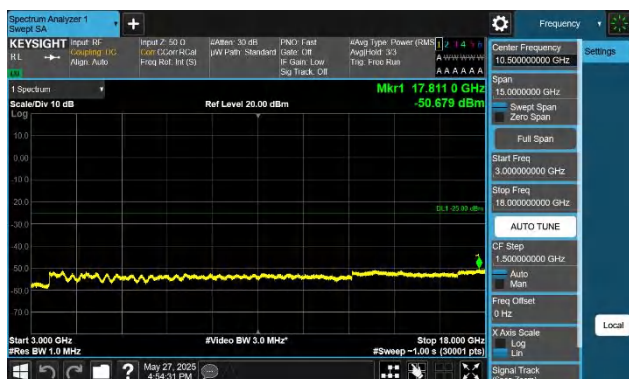
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-0RB#0
0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-0RB#0
-30~1000MHz-PASS



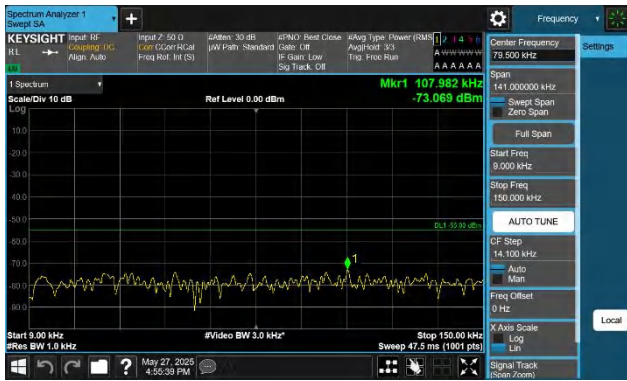
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-0RB#0
1000~3000MHz-PASS



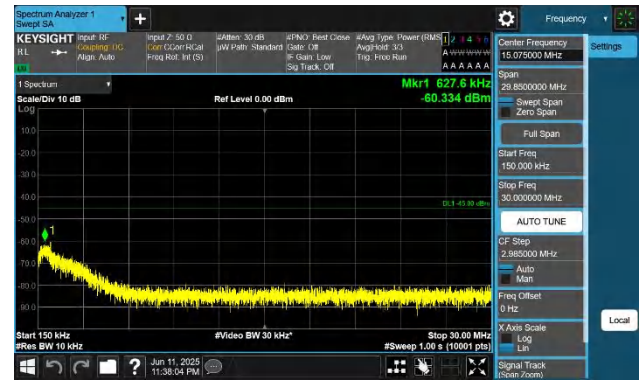
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-0RB#0
-3000~18000MHz-PASS



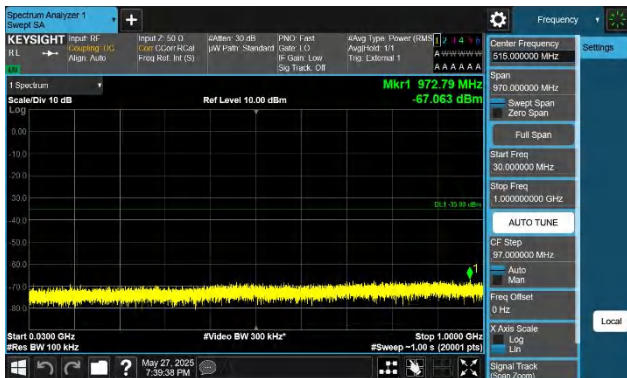
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-0RB#0
18000~27000MHz-PASS



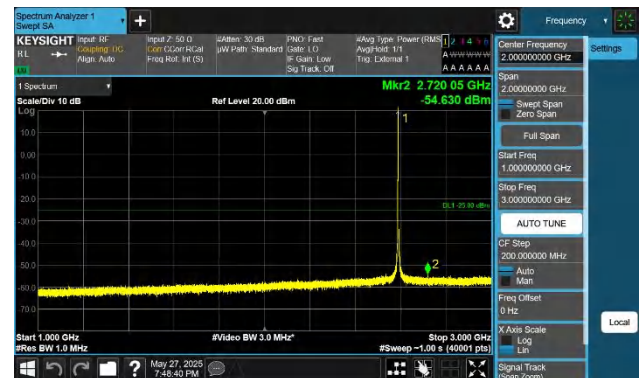
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-1RB#7
4-0.009~0.15MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-1RB#74
-0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-1RB#7
4-30~1000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-1RB#74
-1000~3000MHz-PASS



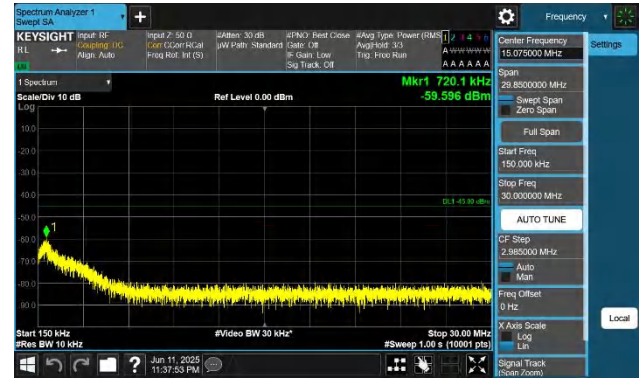
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-1RB#7
4-3000~18000MHz-PASS



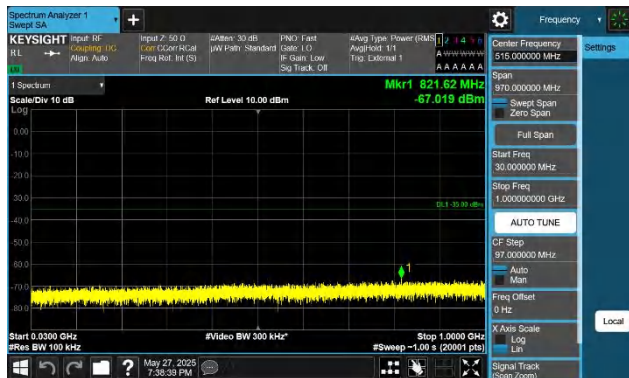
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-1RB#74
-18000~27000MHz-PASS



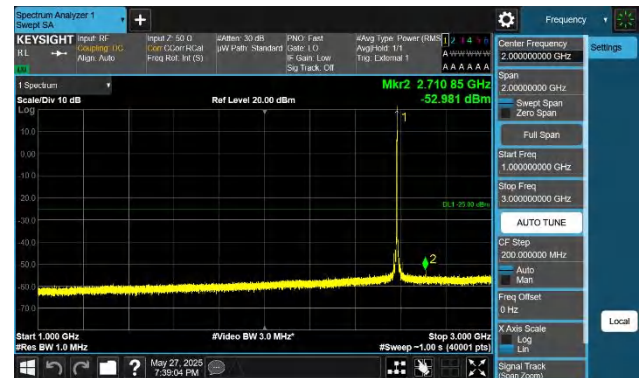
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#74-0RB#
0-0.009~0.15MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#74-0RB#0
-0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#74-0RB#
0-30~1000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#74-0RB#0
-1000~3000MHz-PASS



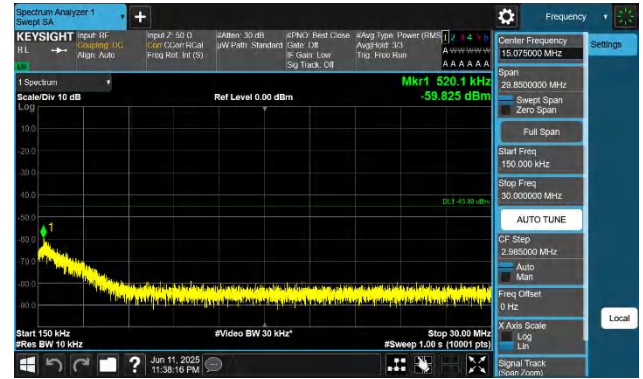
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#74-0RB#
0-3000~18000MHz-PASS



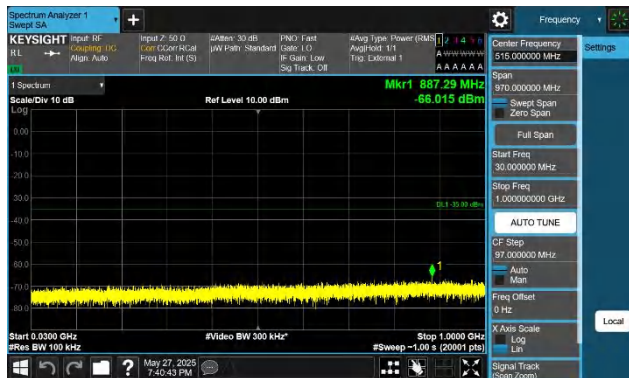
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#74-0RB#0
-18000~27000MHz-PASS



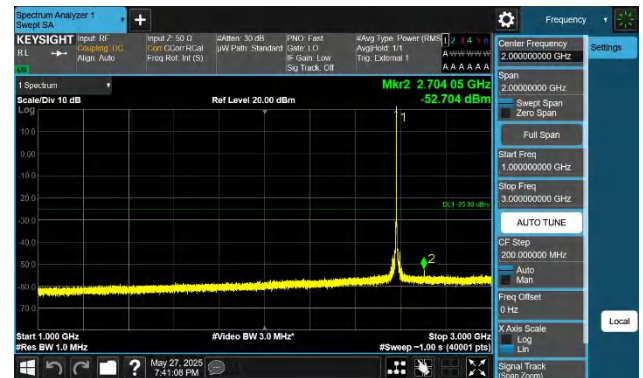
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-0RB#0
-0.009~0.15MHz-PASS



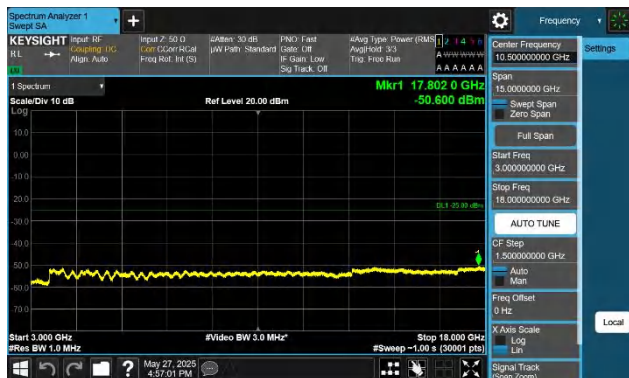
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-0RB#0
0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-0RB#0
-30~1000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-0RB#0
1000~3000MHz-PASS



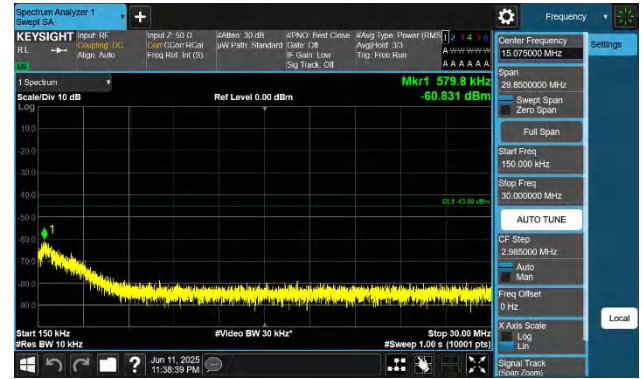
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-0RB#0
-3000~18000MHz-PASS



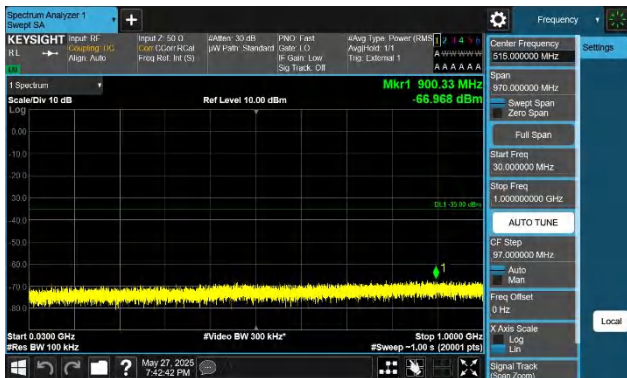
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-0RB#0
18000~27000MHz-PASS



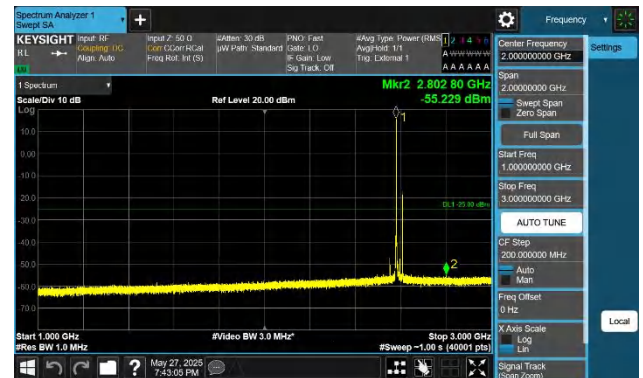
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-1RB#7
4-0.009~0.15MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-1RB#74
-0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-1RB#7
4-30~1000MHz-PASS



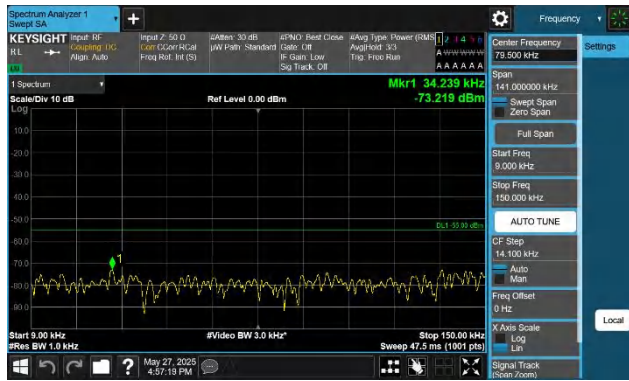
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-1RB#74
-1000~3000MHz-PASS



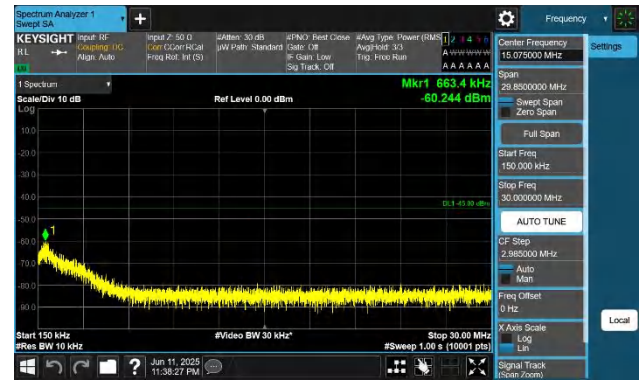
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-1RB#7
4-3000~18000MHz-PASS



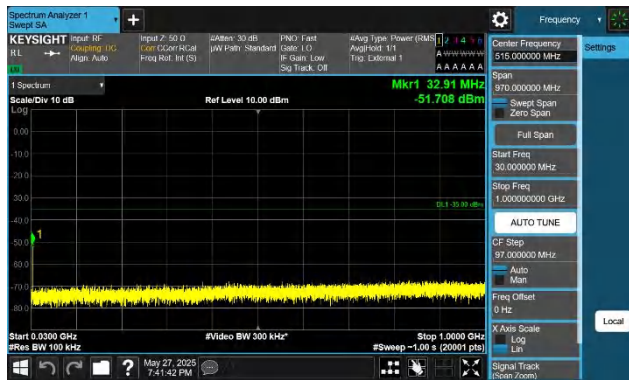
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#0-1RB#74
-18000~27000MHz-PASS



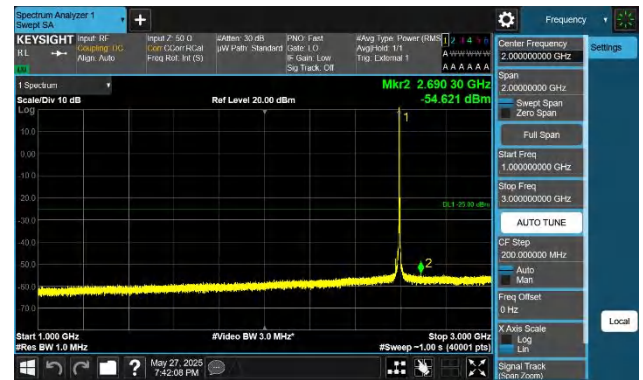
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#74-0RB#
0-0.009~0.15MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#74-0RB#0
-0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#74-0RB#
0-30~1000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#74-0RB#0
-1000~3000MHz-PASS



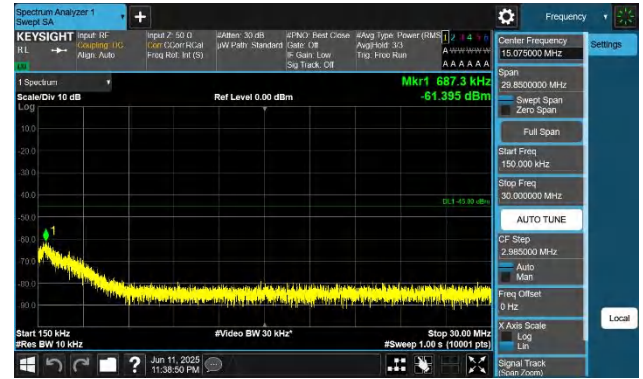
38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#74-0RB#
0-3000~18000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-1RB#74-0RB#0
-18000~27000MHz-PASS



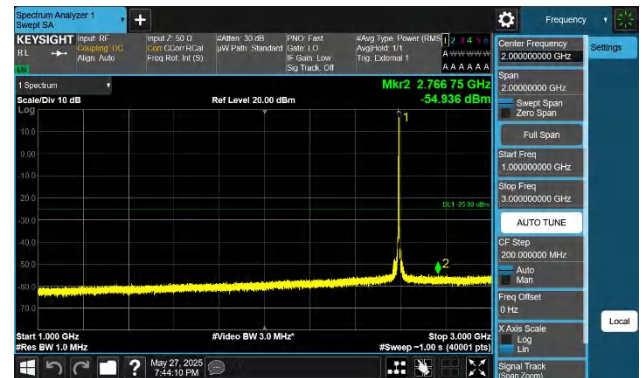
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-0RB#0
-0.009~0.15MHz-PASS



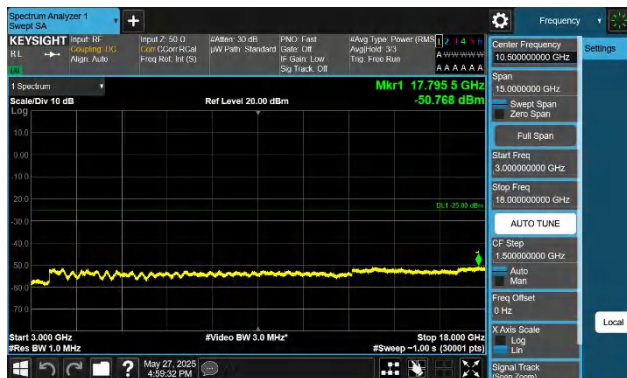
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-0RB#0
0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-0RB#0
-30~1000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-0RB#0
1000~3000MHz-PASS



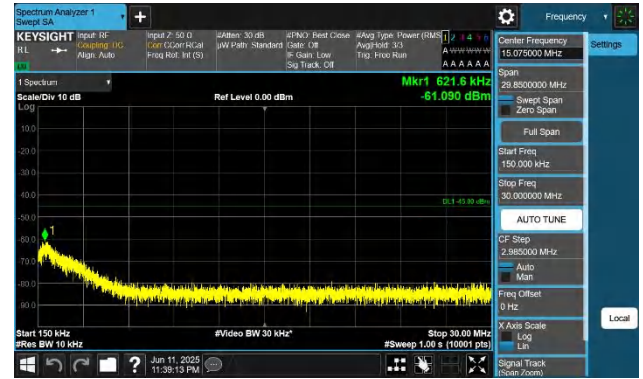
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-0RB#0
-3000~18000MHz-PASS



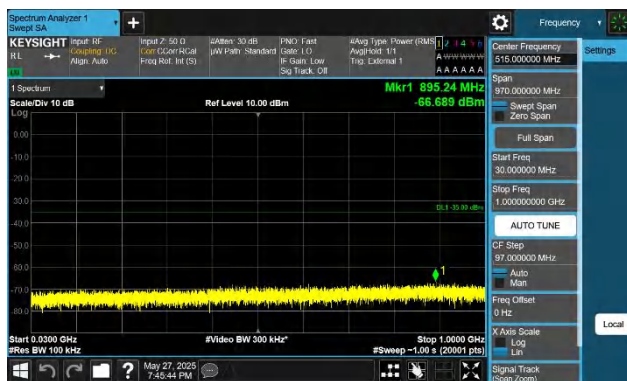
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-0RB#0
18000~27000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-1RB#7
4-0.009~0.15MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-1RB#74
-0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-1RB#7
4-30~1000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-1RB#74
-1000~3000MHz-PASS



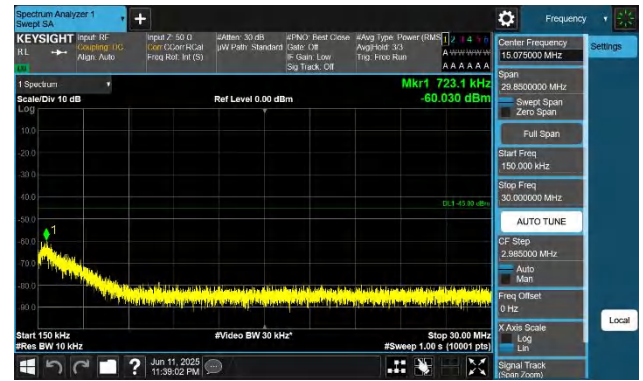
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-1RB#7
4-3000~18000MHz-PASS



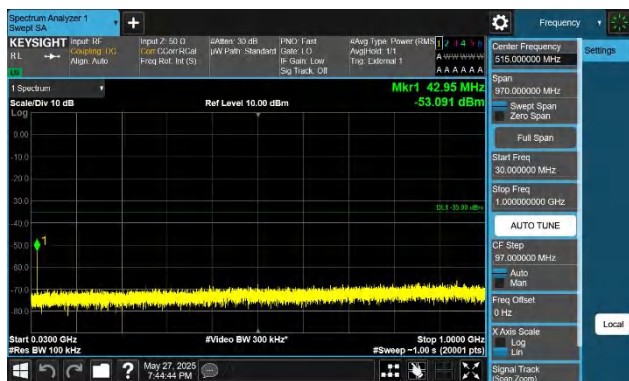
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#0-1RB#74
-18000~27000MHz-PASS



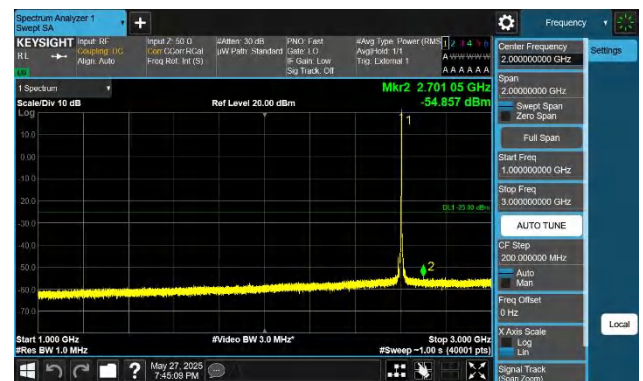
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#74-0RB#
0-0.009~0.15MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#74-0RB#0
-0.15~30MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#74-0RB#
0-30~1000MHz-PASS



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#74-0RB#0
-1000~3000MHz-PASS



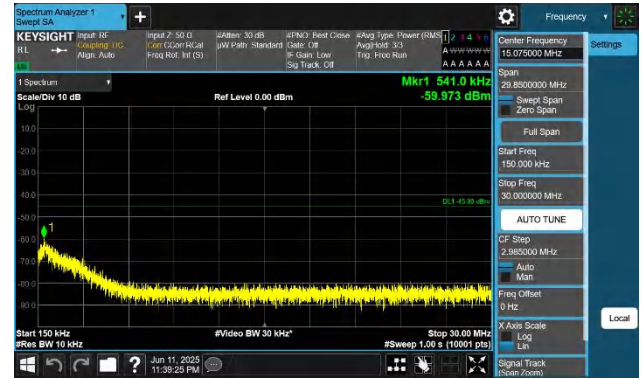
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#74-0RB#
0-3000~18000MHz-PASS



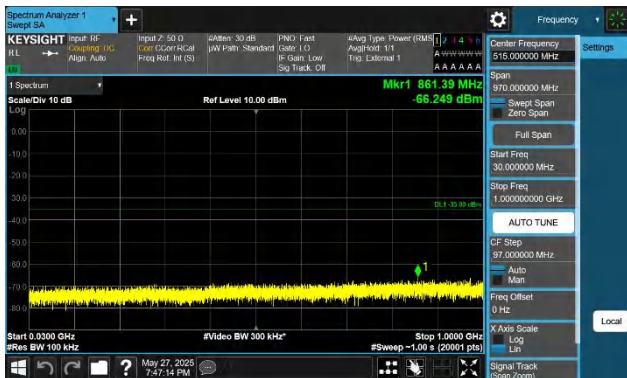
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-1RB#74-0RB#0
-18000~27000MHz-PASS



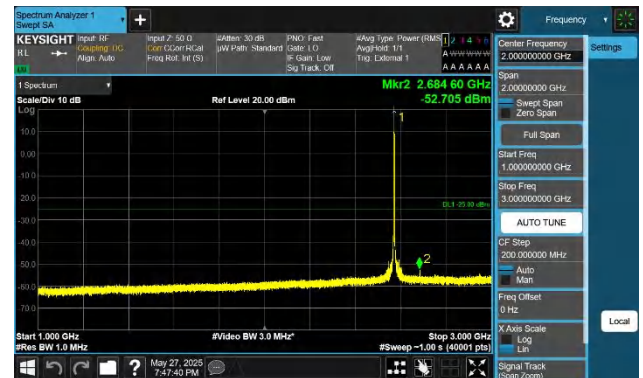
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-0RB#0
-0.009~0.15MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-0RB#0
0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-0RB#0
-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-0RB#0
1000~3000MHz-PASS



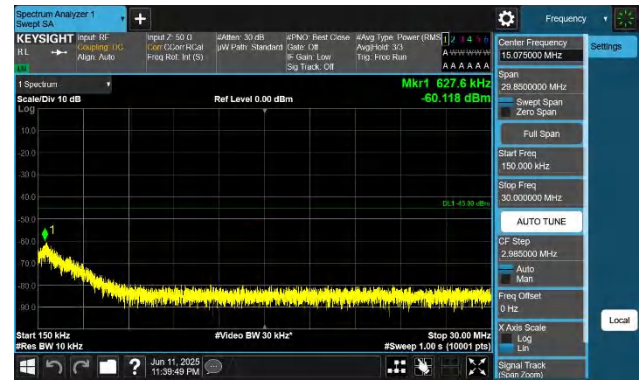
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-0RB#0
-3000~18000MHz-PASS



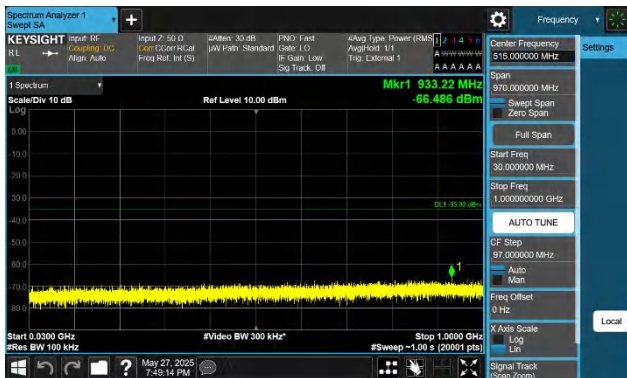
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-0RB#0
18000~27000MHz-PASS



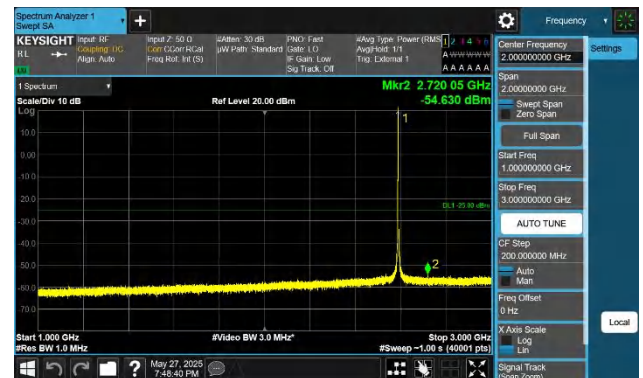
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-1RB#9
9-0.009~0.15MHz-PASS



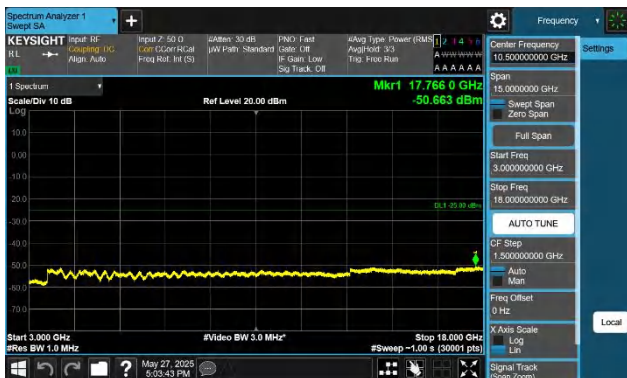
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-1RB#99
-0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-1RB#9
9-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-1RB#99
-1000~3000MHz-PASS



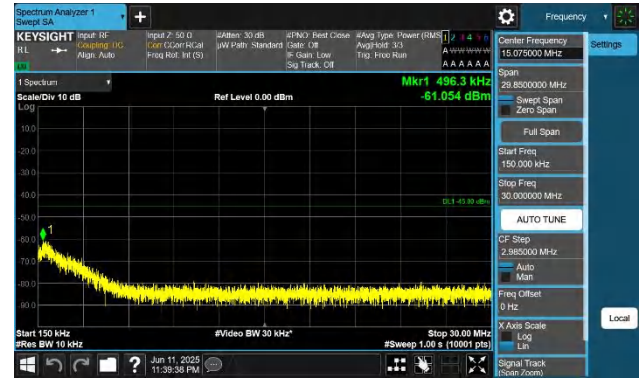
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-1RB#9
9-3000~18000MHz-PASS



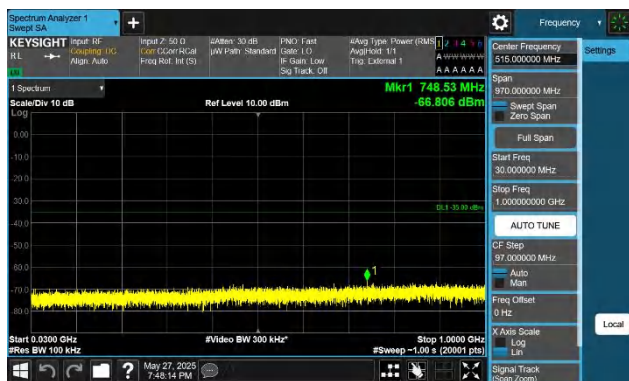
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-1RB#99
-18000~27000MHz-PASS



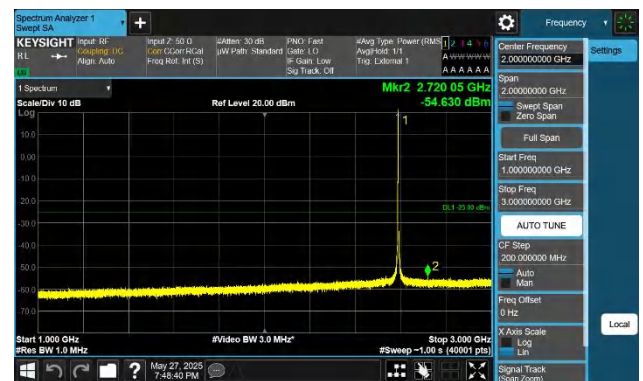
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#99-ORB#
0-0.009~0.15MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#99-ORB#0
-0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#99-ORB#
0-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#99-ORB#0
-1000~3000MHz-PASS



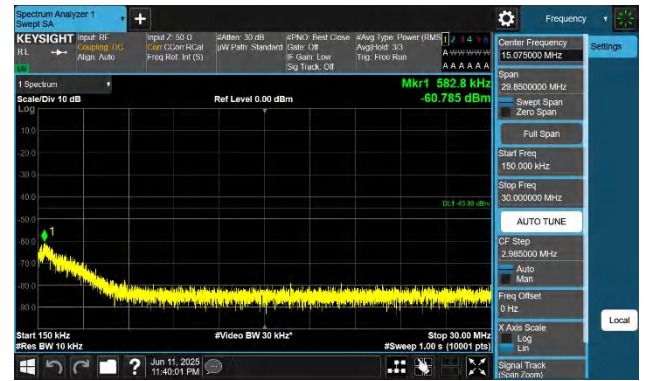
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#99-ORB#
0-3000~18000MHz-PASS



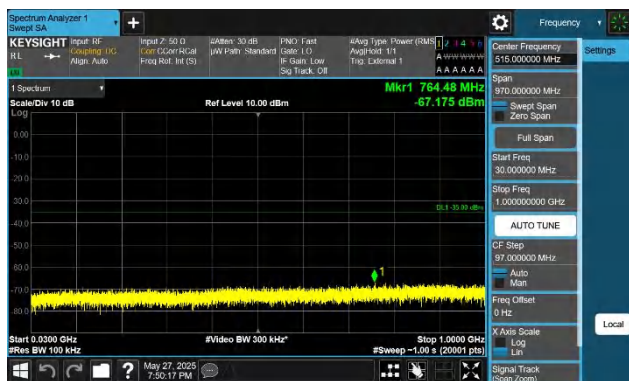
38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#99-ORB#0
-18000~27000MHz-PASS



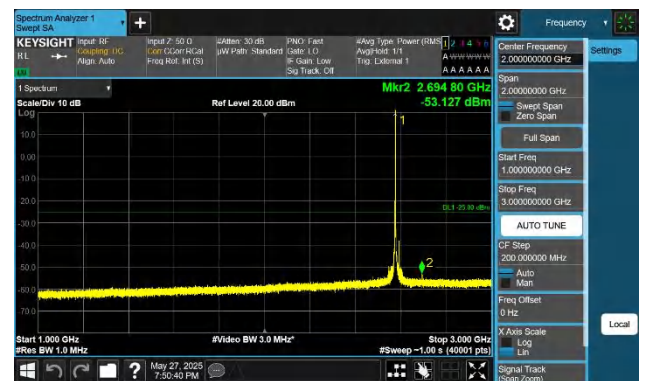
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-0RB#0
-0.009~0.15MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-0RB#0-
0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-0RB#0
-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-0RB#0-
1000~3000MHz-PASS



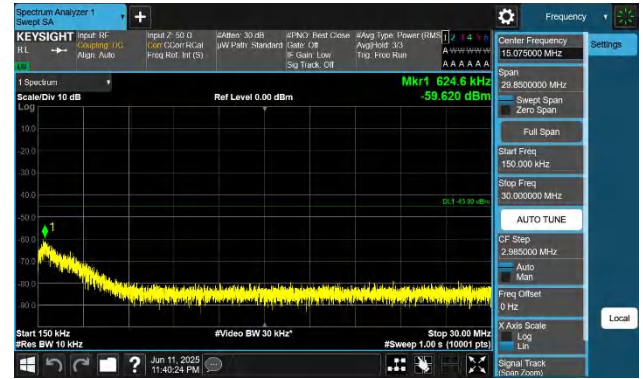
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-0RB#0
-3000~18000MHz-PASS



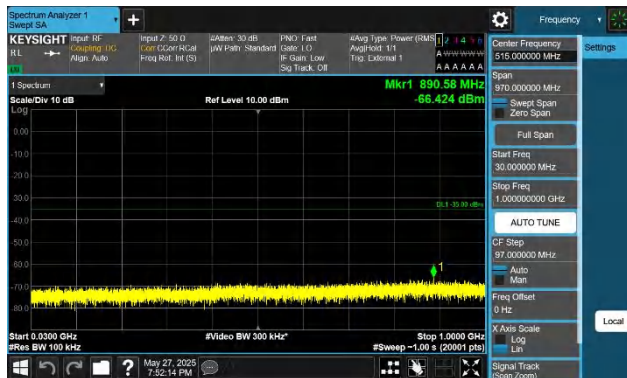
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-0RB#0-
18000~27000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-1RB#9
9-0.009~0.15MHz-PASS



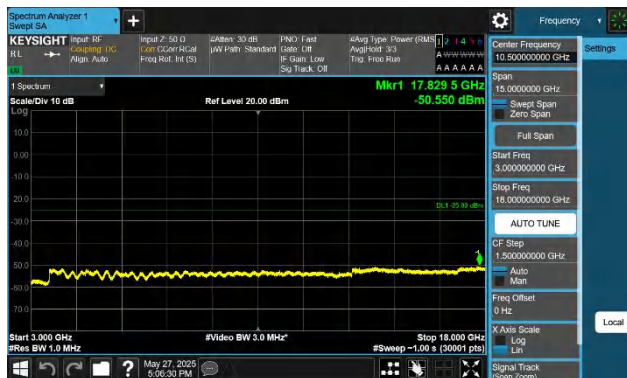
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-1RB#99
-0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-1RB#9
9-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-1RB#99
-1000~3000MHz-PASS



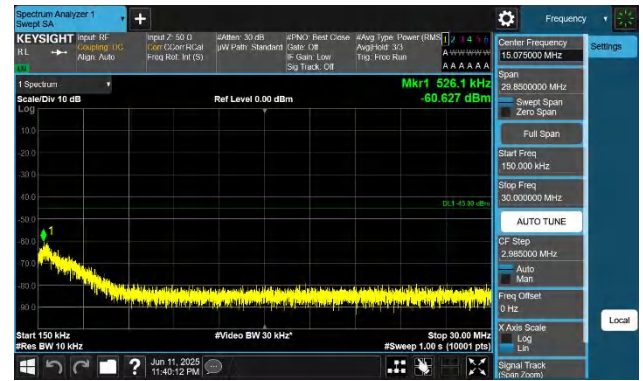
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-1RB#9
9-3000~18000MHz-PASS



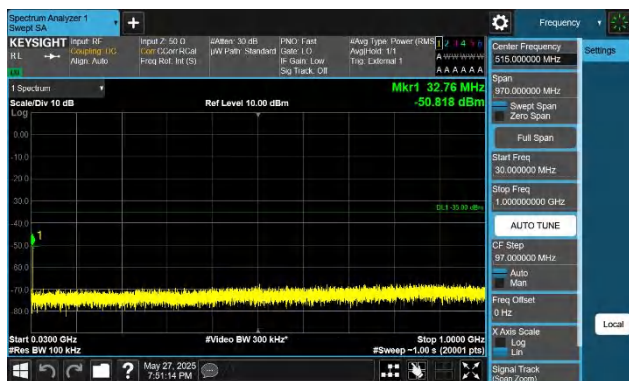
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#0-1RB#99
-18000~27000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#99-ORB#
0-0.009~0.15MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#99-ORB#0
-0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#99-ORB#
0-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#99-ORB#0
-1000~3000MHz-PASS



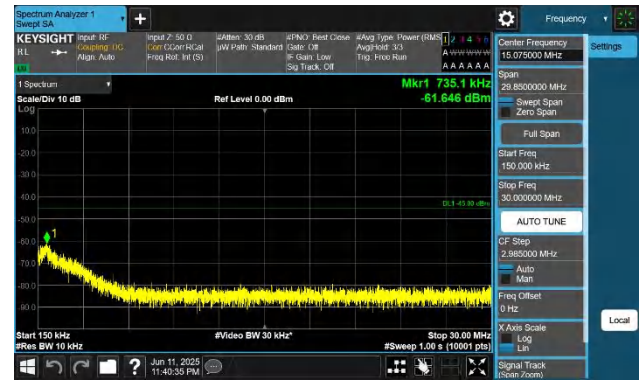
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#99-ORB#
0-3000~18000MHz-PASS



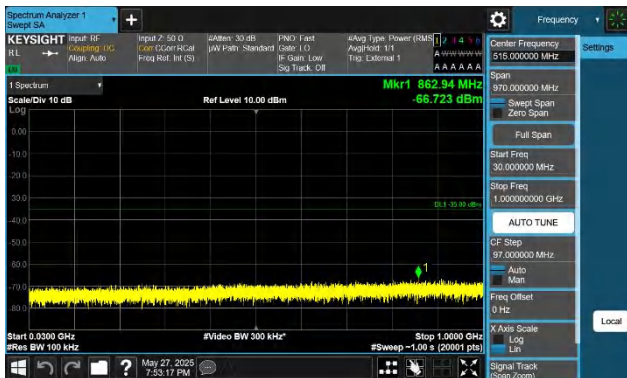
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-1RB#99-ORB#0
-18000~27000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0
-0.009~0.15MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-
0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0
-30~1000MHz-PASS



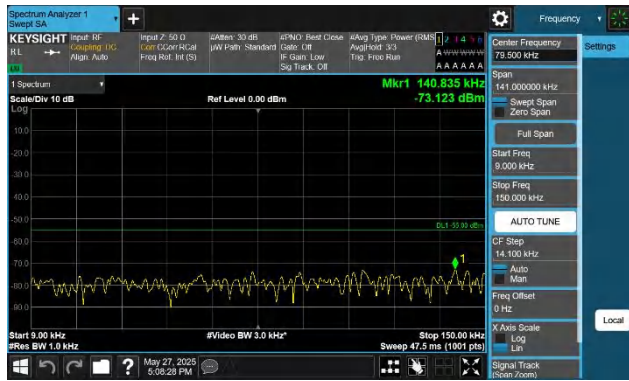
38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-
1000~3000MHz-PASS



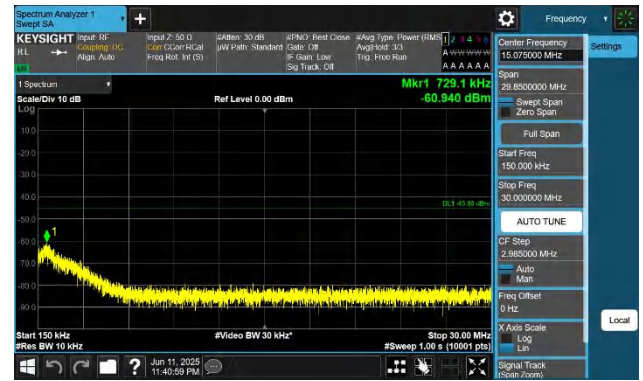
38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0
-3000~18000MHz-PASS



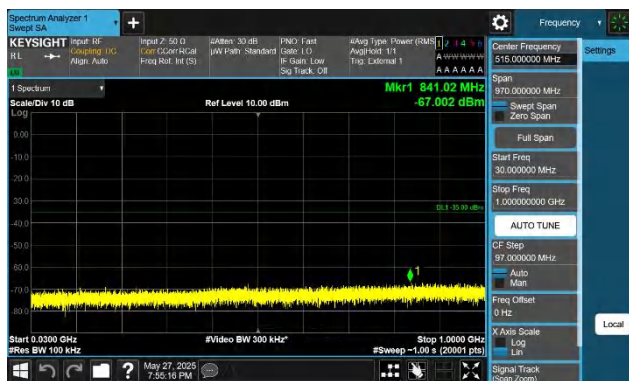
38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-
18000~27000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-1RB#9
9-0.009~0.15MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-1RB#99
-0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-1RB#9
9-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-1RB#99
-1000~3000MHz-PASS



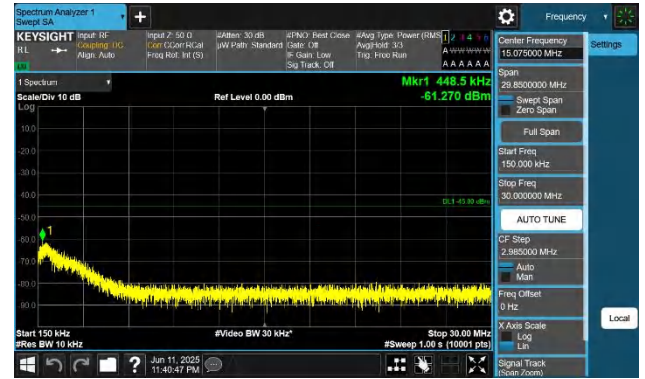
38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-1RB#9
9-3000~18000MHz-PASS



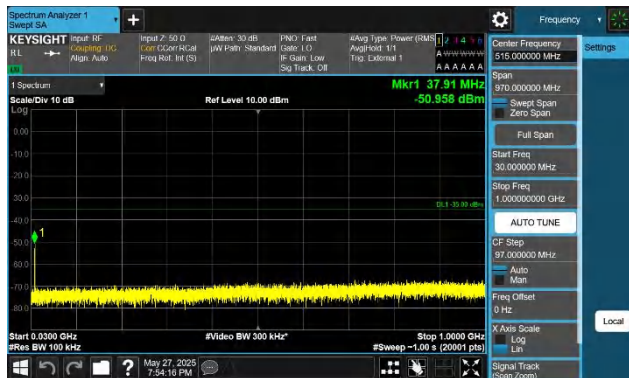
38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-1RB#99
-18000~27000MHz-PASS



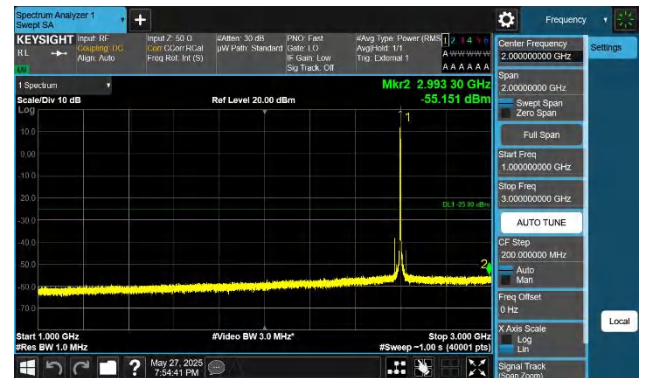
38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#99-ORB#
0-0.009~0.15MHz-PASS



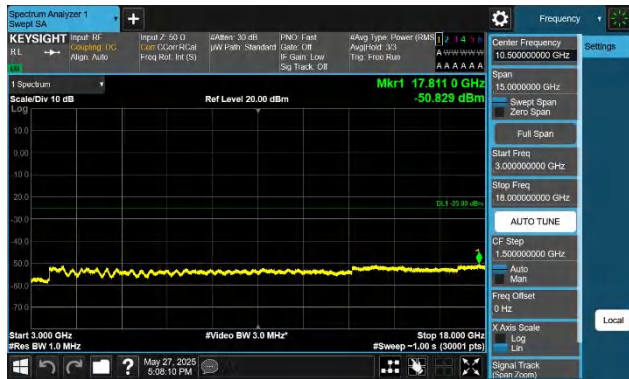
38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#99-ORB#0
-0.15~30MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#99-ORB#
0-30~1000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#99-ORB#0
-1000~3000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#99-ORB#
0-3000~18000MHz-PASS



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#99-ORB#0
-18000~27000MHz-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	VN	NT	-7590.00	-2.924855	±NA	2576.22241	2613.76241	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	VL	NT	-11310.00	-4.358382	±NA	2576.21519	2613.76219	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	VH	NT	-1827.00	-7.040462	±NA	2576.22873	2613.73473	2570-2620	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	-30	-20610.00	-7.942197	±NA	2576.21589	2613.74289	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	-20	-29390.00	-11.325626	±NA	2576.18911	2613.75211	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	-10	-39090.00	-15.063584	±NA	2576.19441	2613.72741	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	0	-12350.00	-4.759152	±NA	2576.23065	2613.74465	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	10	-11210.00	-4.319846	±NA	2576.22679	2613.75079	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	20	-3780.00	-1.456647	±NA	2576.22472	2613.76772	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	30	-9070.00	-3.495183	±NA	2576.22393	2613.75793	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	40	-11300.00	-4.354528	±NA	2576.2237	2613.7537	2570-2620	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	50	-11560.00	-4.454721	±NA	2576.19844	2613.77844	2570-2620	PASS

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