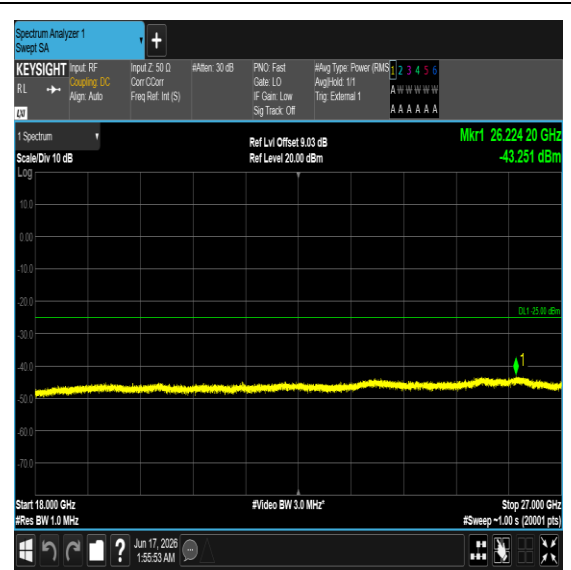
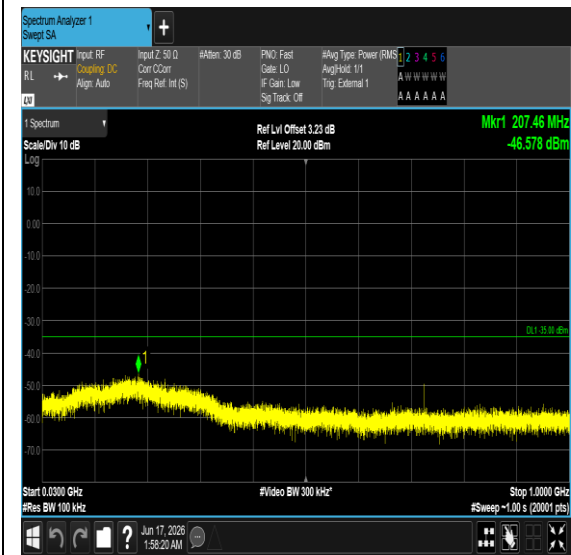




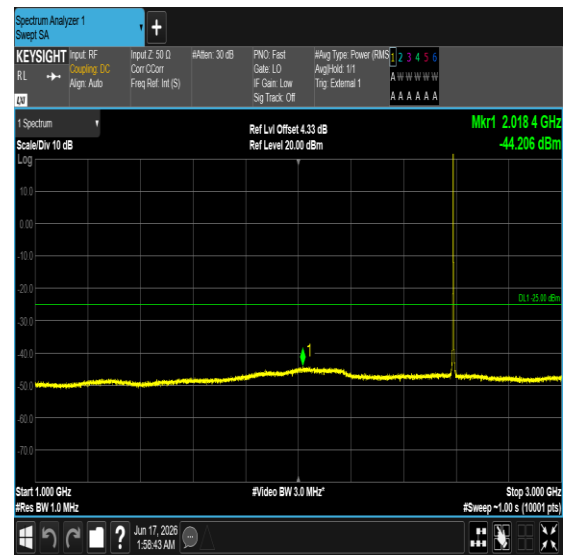
Band41-10MHz-QPSK-40620-1RB#0-30~1000-
PASS



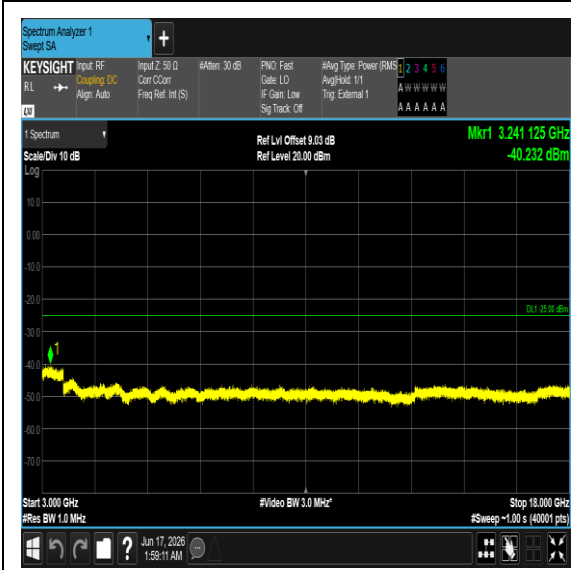
Band41-10MHz-QPSK-40620-1RB#0-1000~3000-
PASS



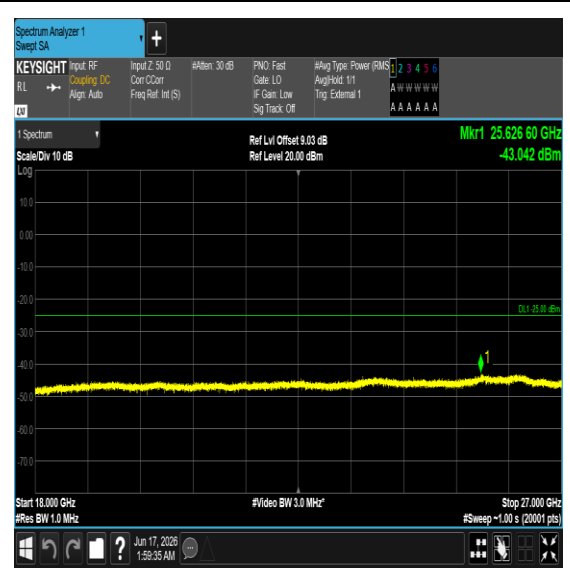
Band41-10MHz-QPSK-40620-1RB#0-3000~18000-
PASS



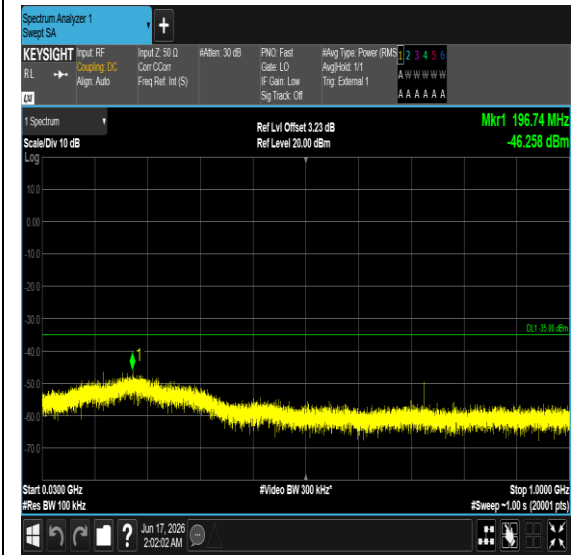
Band41-10MHz-QPSK-40620-1RB#0-
18000~27000-PASS



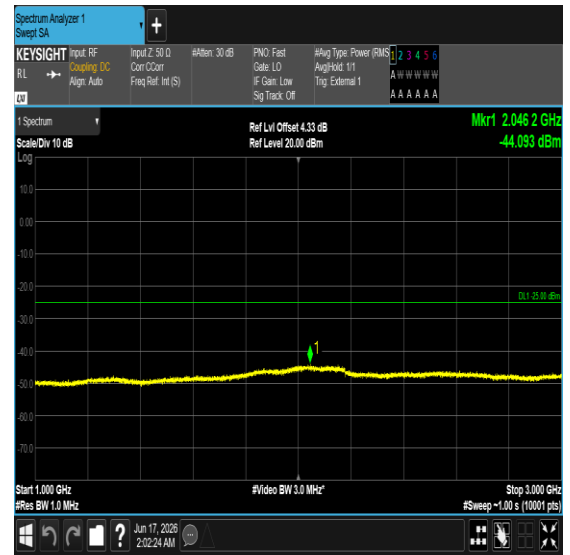
Band41-10MHz-QPSK-41540-1RB#0-30~1000-
PASS



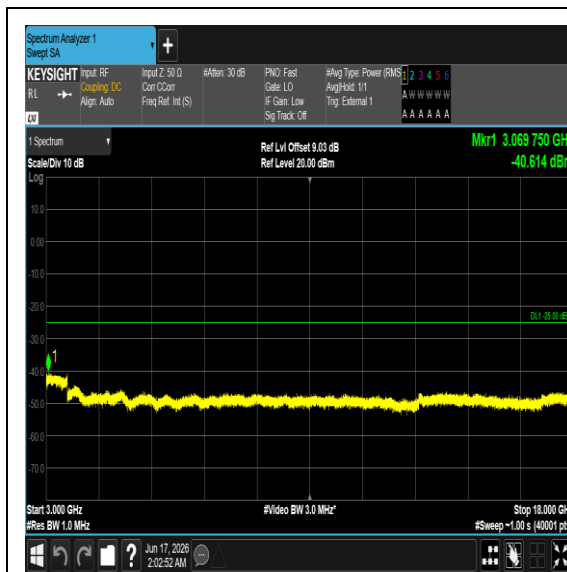
Band41-10MHz-QPSK-41540-1RB#0-1000~3000-
PASS



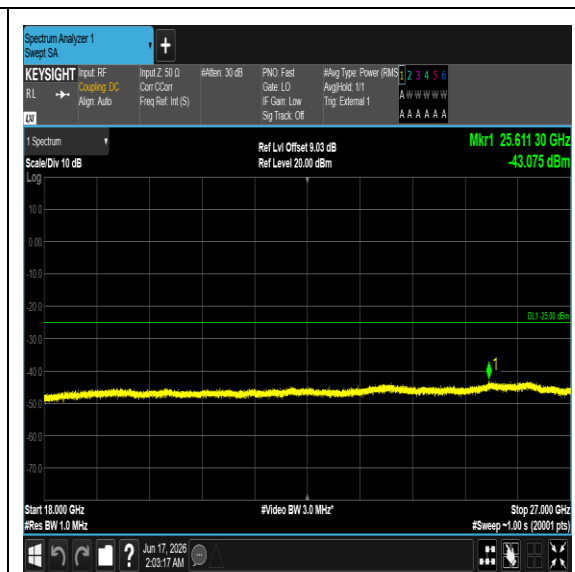
Band41-10MHz-QPSK-41540-1RB#0-3000~18000-
PASS



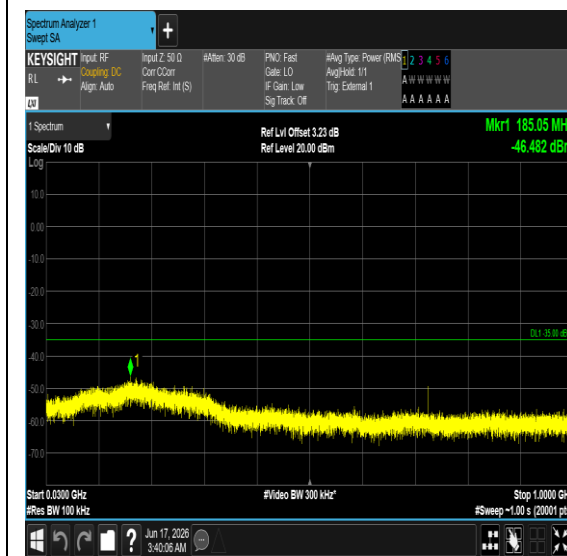
Band41-10MHz-QPSK-41540-1RB#0-
18000~27000-PASS



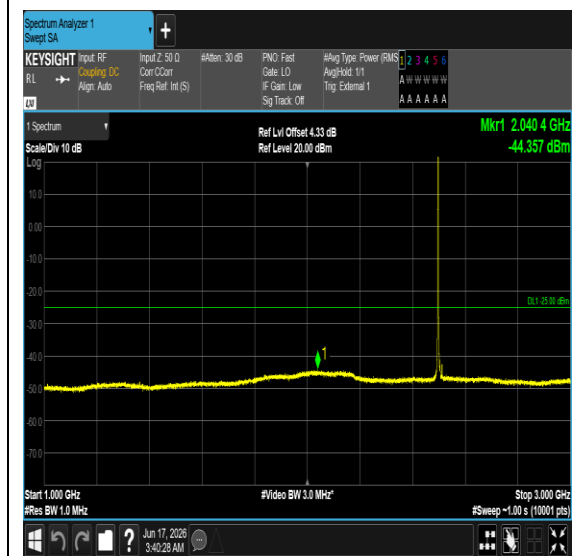
Band41-15MHz-QPSK-39725-1RB#0-30~1000-
PASS



Band41-15MHz-QPSK-39725-1RB#0-1000~3000-
PASS



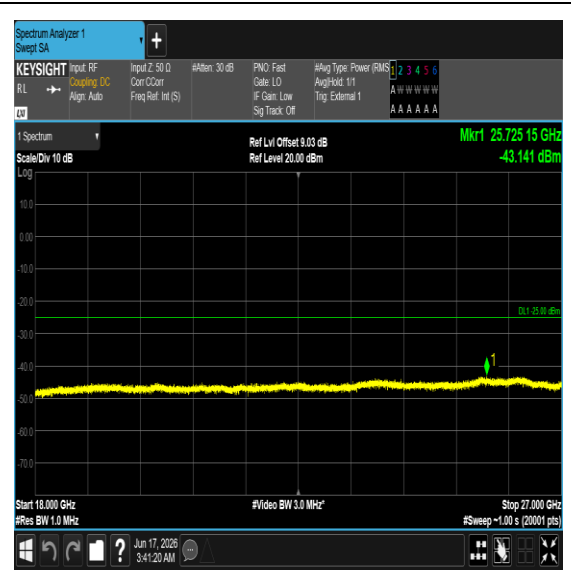
Band41-15MHz-QPSK-39725-1RB#0-3000~18000-
PASS



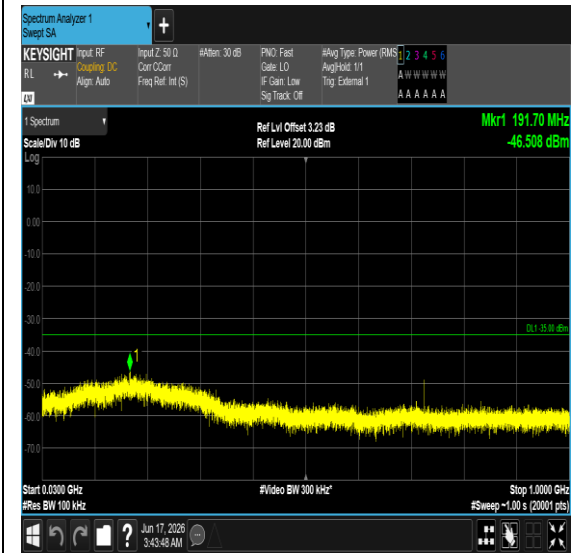
Band41-15MHz-QPSK-39725-1RB#0-
18000~27000-PASS



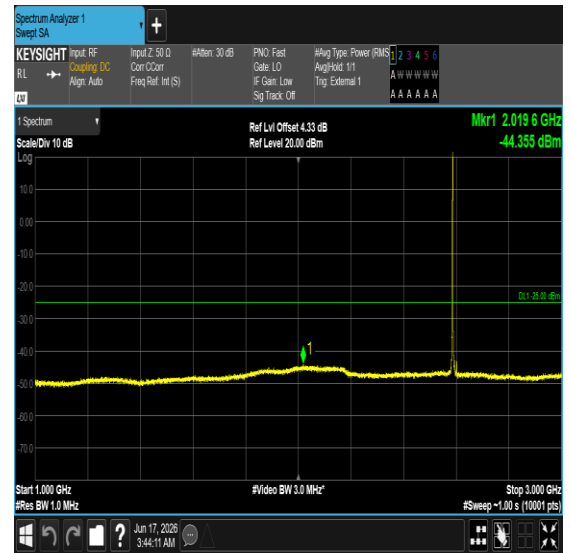
Band41-15MHz-QPSK-40620-1RB#0-30~1000-
PASS



Band41-15MHz-QPSK-40620-1RB#0-1000~3000-
PASS



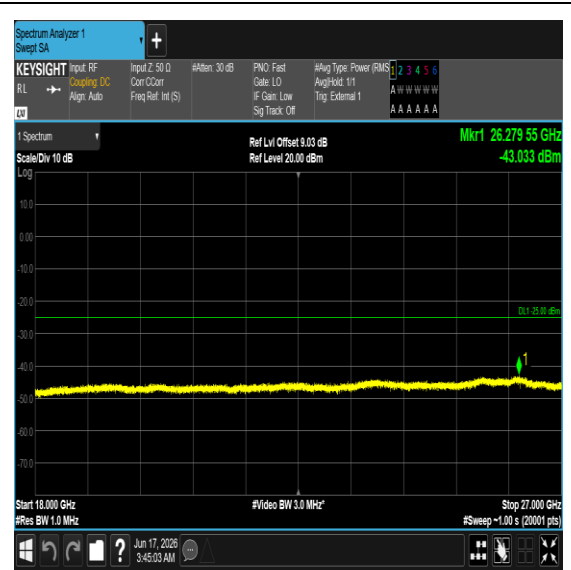
Band41-15MHz-QPSK-40620-1RB#0-3000~18000-
PASS



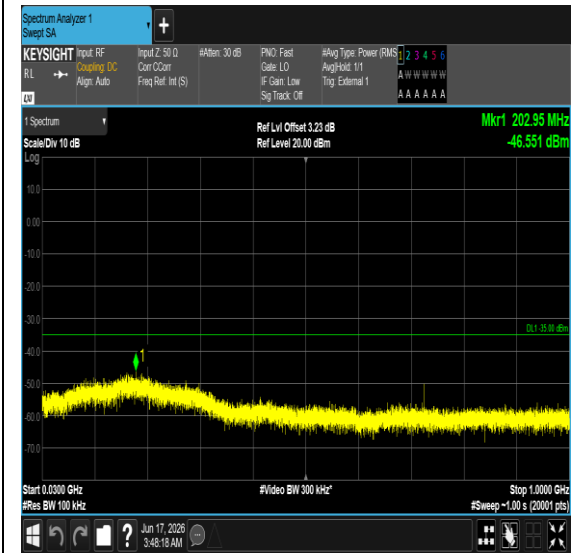
Band41-15MHz-QPSK-40620-1RB#0-
18000~27000-PASS



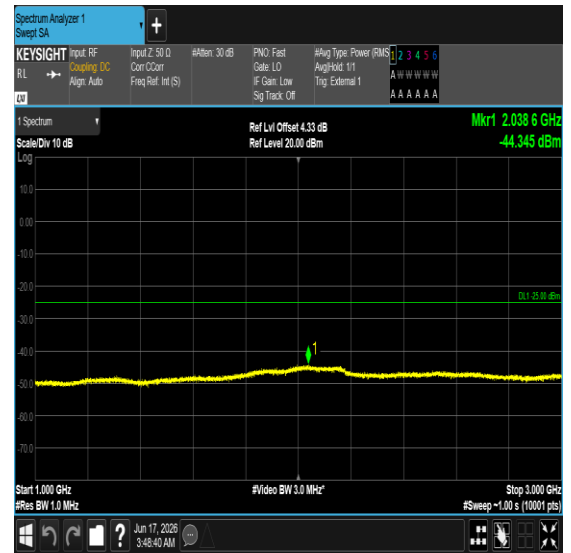
Band41-15MHz-QPSK-41515-1RB#0-30~1000-
PASS



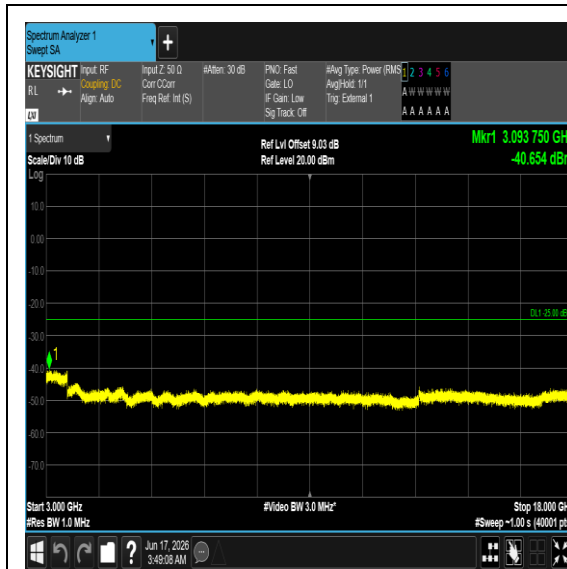
Band41-15MHz-QPSK-41515-1RB#0-1000~3000-
PASS



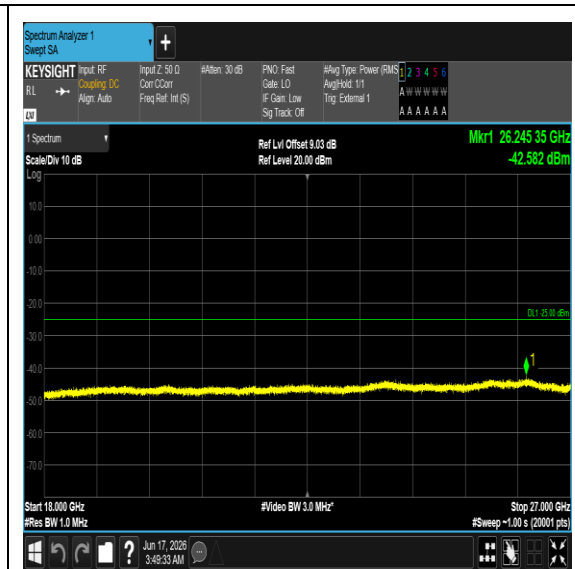
Band41-15MHz-QPSK-41515-1RB#0-3000~18000-
PASS



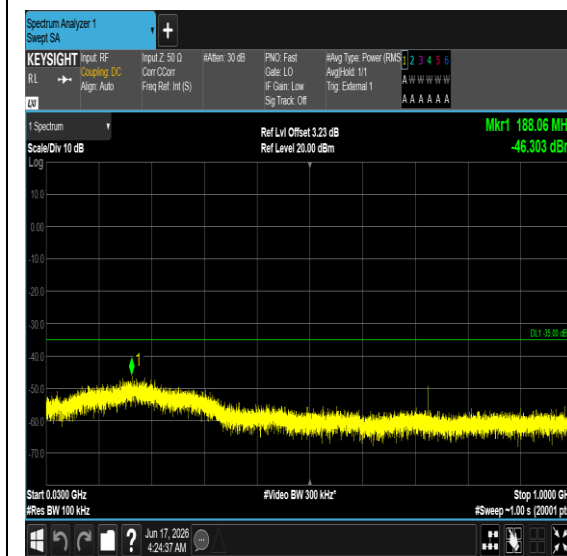
Band41-15MHz-QPSK-41515-1RB#0-
18000~27000-PASS



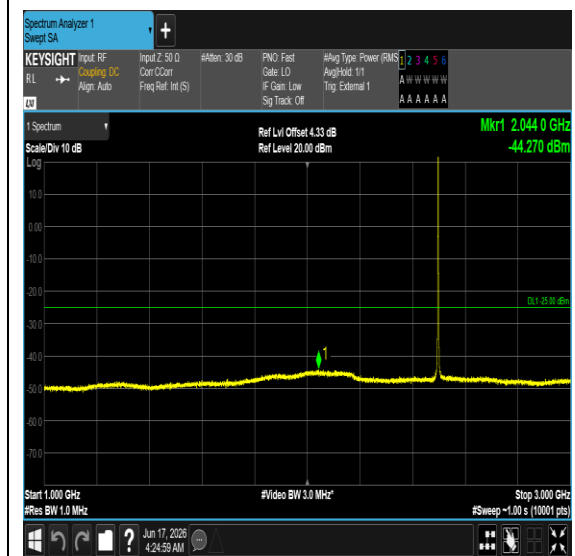
Band41-20MHz-QPSK-39750-1RB#0-30~1000-
PASS



Band41-20MHz-QPSK-39750-1RB#0-1000~3000-
PASS



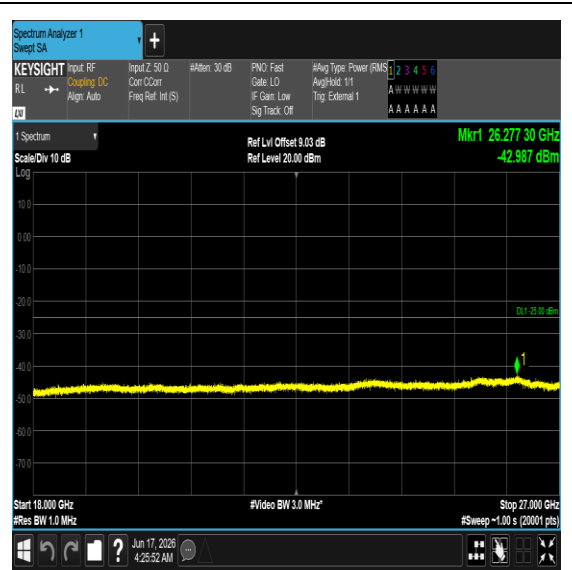
Band41-20MHz-QPSK-39750-1RB#0-3000~18000-
PASS



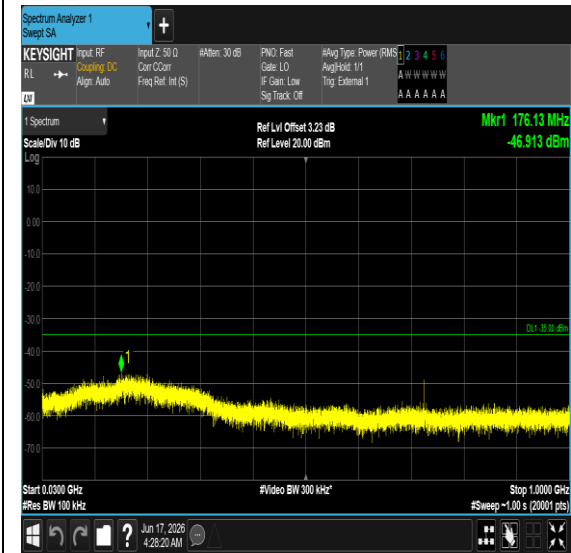
Band41-20MHz-QPSK-39750-1RB#0-
18000~27000-PASS



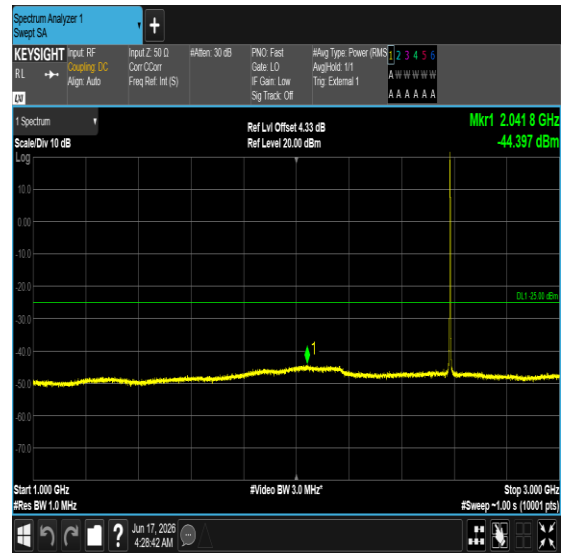
Band41-20MHz-QPSK-40620-1RB#0-30~1000-
PASS



Band41-20MHz-QPSK-40620-1RB#0-1000~3000-
PASS



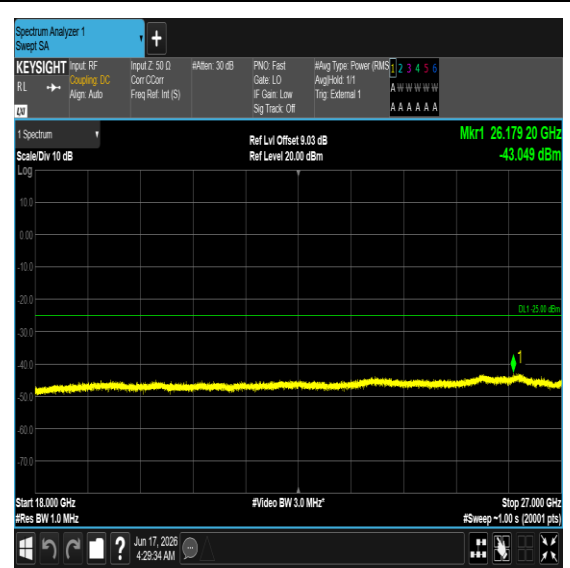
Band41-20MHz-QPSK-40620-1RB#0-3000~18000-
PASS



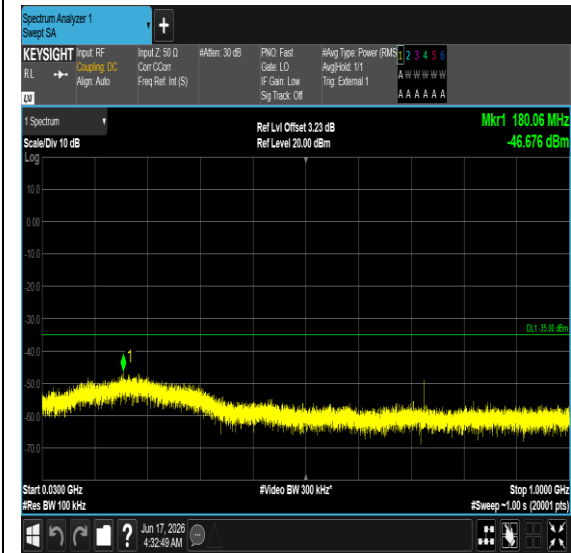
Band41-20MHz-QPSK-40620-1RB#0-
18000~27000-PASS



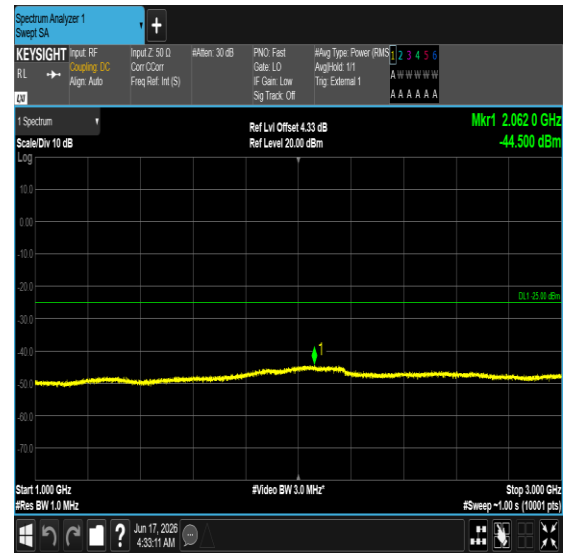
Band41-20MHz-QPSK-41490-1RB#0-30~1000-
PASS



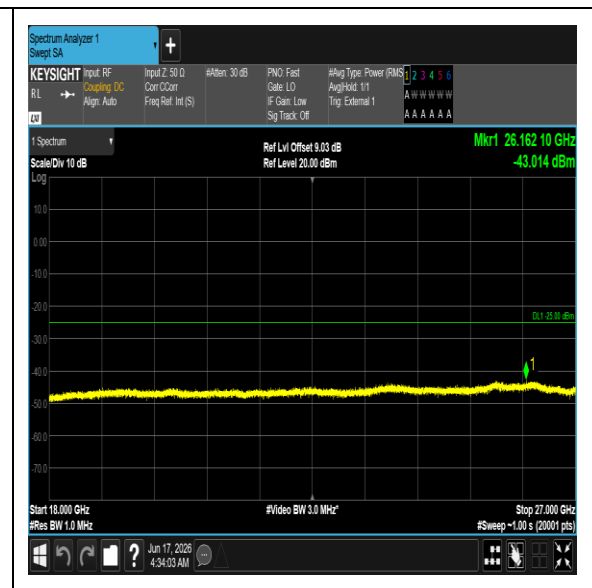
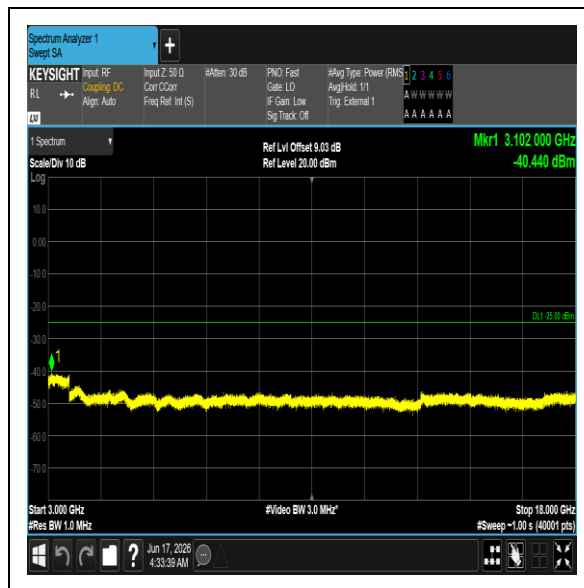
Band41-20MHz-QPSK-41490-1RB#0-1000~3000-
PASS



Band41-20MHz-QPSK-41490-1RB#0-3000~18000-
PASS



Band41-20MHz-QPSK-41490-1RB#0-
18000~27000-PASS



Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	3140.59	1.255734	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	3200.93	1.279861	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	4050.77	1.619659	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	-1529.84	-0.589989	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-1409.67	-0.543643	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	-1439.41	-0.555114	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	4090.68	1.635618	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	4330.65	1.731566	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	3580.02	1.431436	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	4460.57	1.783513	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	4390.13	1.755348	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	3860.82	1.543709	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	3430.34	1.371585	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	4360.87	1.743650	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	4260.98	1.703712	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-1429.90	-0.551447	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	-1669.91	-0.644006	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-2119.86	-0.817531	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-1499.42	-0.578258	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-1729.80	-0.667105	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-1709.21	-0.659161	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-1929.82	-0.744243	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	-1699.01	-0.655231	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	-1719.48	-0.663125	±2.5	PASS

LTE BAND 42

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	8.66	13	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	9.63	13	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	8.63	13	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	9.03	13	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	8.65	13	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	9.67	13	PASS
42(3450-3550)	5MHz	64QAM	42115	1RB#0	10.02	13	PASS
42(3450-3550)	5MHz	64QAM	42115	25RB#0	10.12	13	PASS
42(3450-3550)	5MHz	64QAM	42590	1RB#0	10.12	13	PASS
42(3450-3550)	5MHz	64QAM	42590	25RB#0	10.25	13	PASS
42(3450-3550)	5MHz	64QAM	43065	1RB#0	10.72	13	PASS
42(3450-3550)	5MHz	64QAM	43065	25RB#0	10.86	13	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	9.23	13	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	9.77	13	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	9.65	13	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	10.05	13	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	9.25	13	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	10.44	13	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	8.58	13	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	9.47	13	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	8.67	13	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	9.50	13	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	8.72	13	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	9.69	13	PASS
42(3450-3550)	10MHz	64QAM	42140	1RB#0	10.29	13	PASS
42(3450-3550)	10MHz	64QAM	42140	50RB#0	9.96	13	PASS
42(3450-3550)	10MHz	64QAM	42590	1RB#0	10.11	13	PASS
42(3450-3550)	10MHz	64QAM	42590	50RB#0	10.48	13	PASS
42(3450-3550)	10MHz	64QAM	43040	1RB#0	10.68	13	PASS
42(3450-3550)	10MHz	64QAM	43040	50RB#0	9.98	13	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	9.84	13	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	10.08	13	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	9.67	13	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	10.22	13	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	9.75	13	PASS

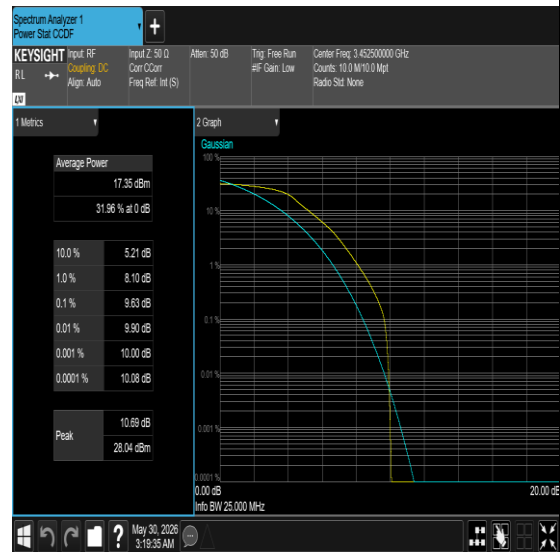
42(3450-3550)	10MHz	16QAM	43040	50RB#0	10.45	13	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	8.31	13	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	9.59	13	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	7.99	13	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	9.50	13	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	8.59	13	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	9.65	13	PASS
42(3450-3550)	15MHz	64QAM	42165	1RB#0	9.96	13	PASS
42(3450-3550)	15MHz	64QAM	42165	75RB#0	10.59	13	PASS
42(3450-3550)	15MHz	64QAM	42590	1RB#0	10.53	13	PASS
42(3450-3550)	15MHz	64QAM	42590	75RB#0	10.77	13	PASS
42(3450-3550)	15MHz	64QAM	43015	1RB#0	10.40	13	PASS
42(3450-3550)	15MHz	64QAM	43015	75RB#0	10.53	13	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	9.49	13	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	10.35	13	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	9.76	13	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	10.49	13	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	9.70	13	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	10.35	13	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	8.65	13	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	9.21	13	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	8.77	13	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	9.34	13	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	8.55	13	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	9.39	13	PASS
42(3450-3550)	20MHz	64QAM	42190	1RB#0	10.35	13	PASS
42(3450-3550)	20MHz	64QAM	42190	100RB#0	10.29	13	PASS
42(3450-3550)	20MHz	64QAM	42590	1RB#0	10.15	13	PASS
42(3450-3550)	20MHz	64QAM	42590	100RB#0	10.46	13	PASS
42(3450-3550)	20MHz	64QAM	42990	1RB#0	10.57	13	PASS
42(3450-3550)	20MHz	64QAM	42990	100RB#0	10.48	13	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	9.73	13	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	10.07	13	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	8.89	13	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	10.26	13	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	9.79	13	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	10.16	13	PASS

Test Graphs

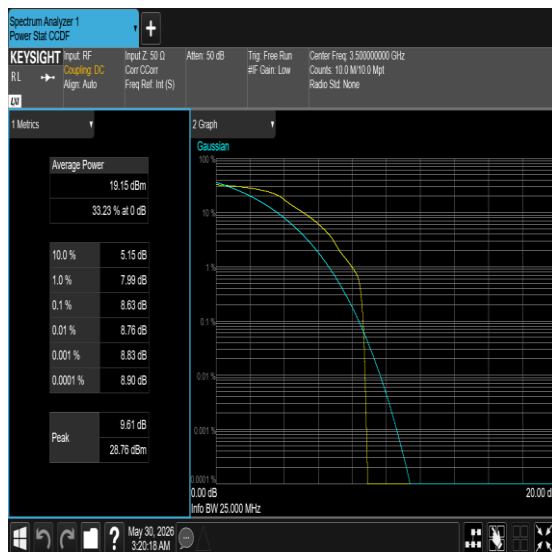
42(3450-3550)-5MHz-QPSK-42115-1RB#0-PASS



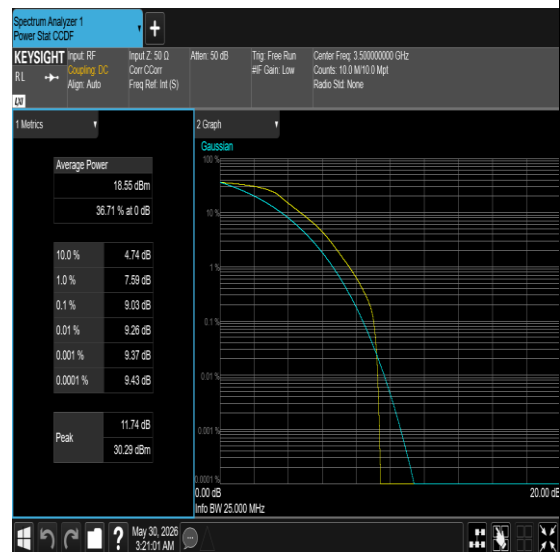
42(3450-3550)-5MHz-QPSK-42115-25RB#0-PASS



42(3450-3550)-5MHz-QPSK-42590-1RB#0-PASS



42(3450-3550)-5MHz-QPSK-42590-25RB#0-PASS



42(3450-3550)-5MHz-QPSK-43065-1RB#0-PASS



42(3450-3550)-5MHz-QPSK-43065-25RB#0-PASS

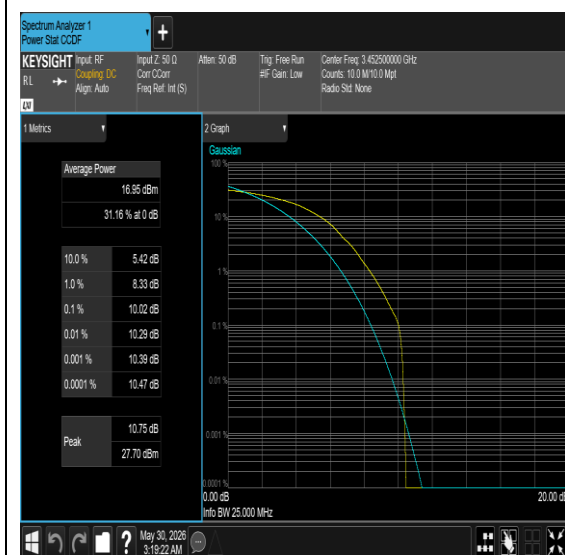




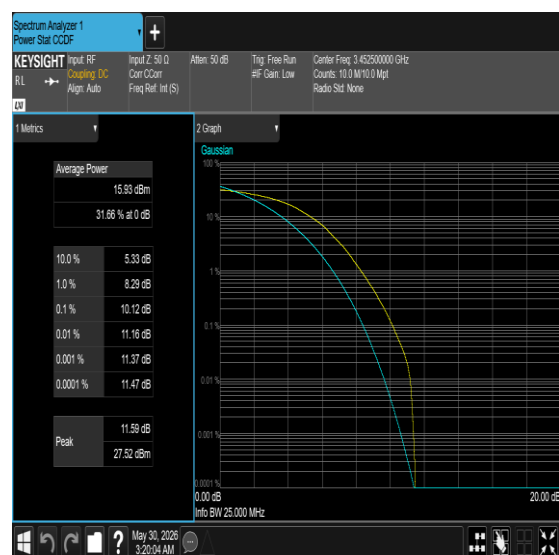
42(3450-3550)-5MHz-64QAM-42115-1RB#0-PASS



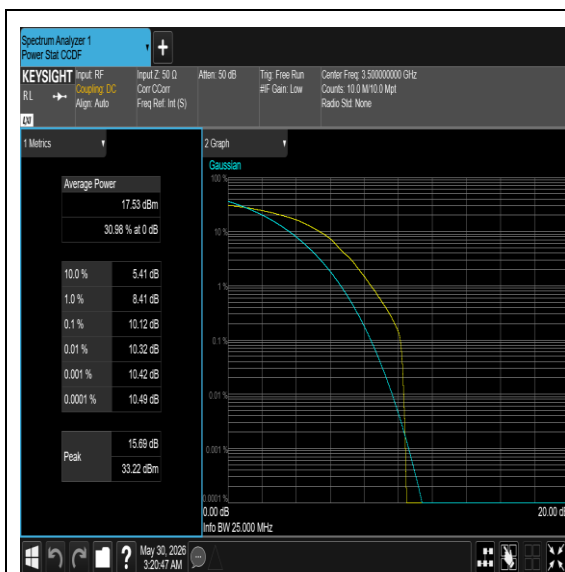
42(3450-3550)-5MHz-64QAM-42115-25RB#0-PASS



42(3450-3550)-5MHz-64QAM-42590-1RB#0-PASS



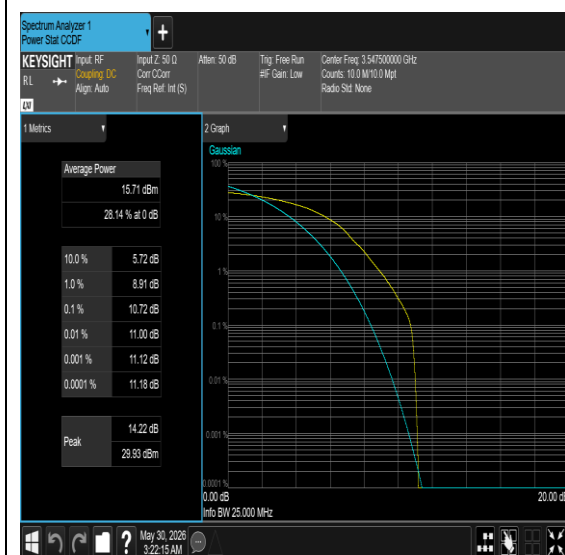
42(3450-3550)-5MHz-64QAM-42590-25RB#0-PASS



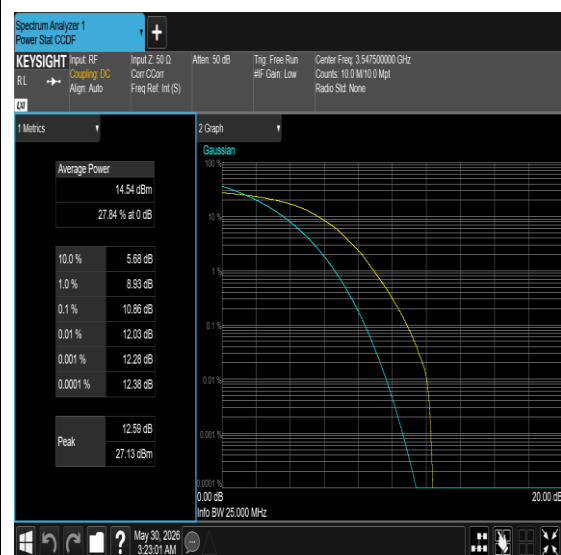
42(3450-3550)-5MHz-64QAM-43065-1RB#0-PASS



42(3450-3550)-5MHz-64QAM-43065-25RB#0-PASS



42(3450-3550)-5MHz-16QAM-42115-1RB#0-PASS



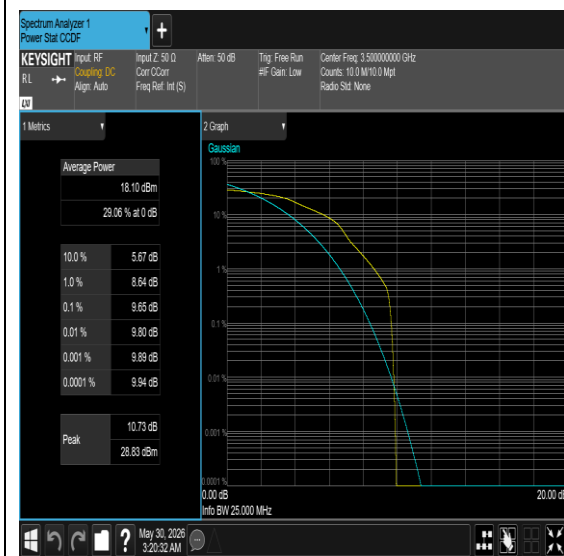
42(3450-3550)-5MHz-16QAM-42115-25RB#0-PASS



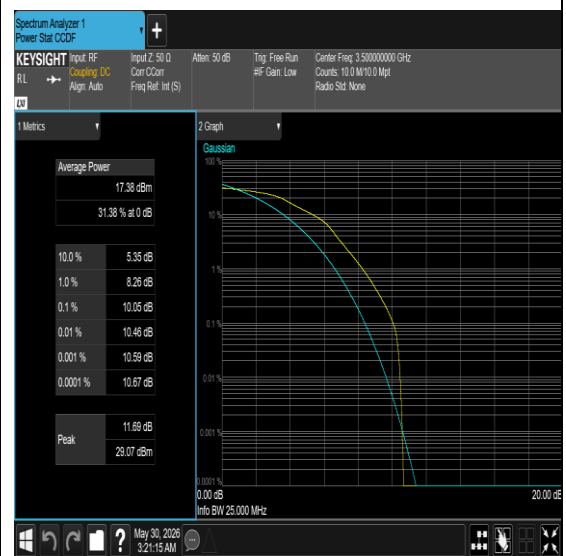
42(3450-3550)-5MHz-16QAM-42590-1RB#0-PASS



42(3450-3550)-5MHz-16QAM-42590-25RB#0-PASS



42(3450-3550)-5MHz-16QAM-43065-1RB#0-PASS



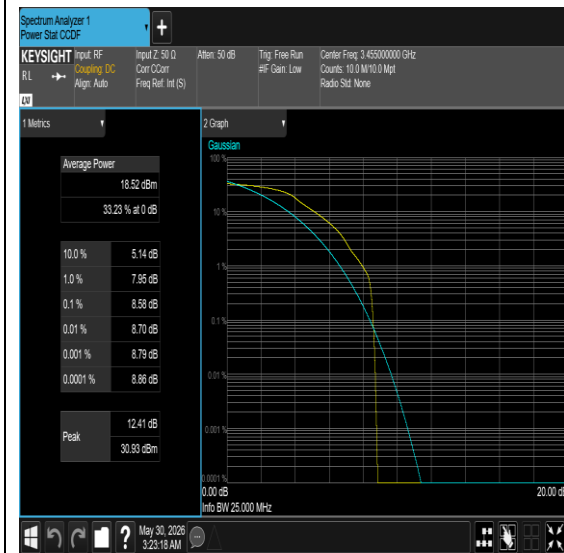
42(3450-3550)-5MHz-16QAM-43065-25RB#0-PASS



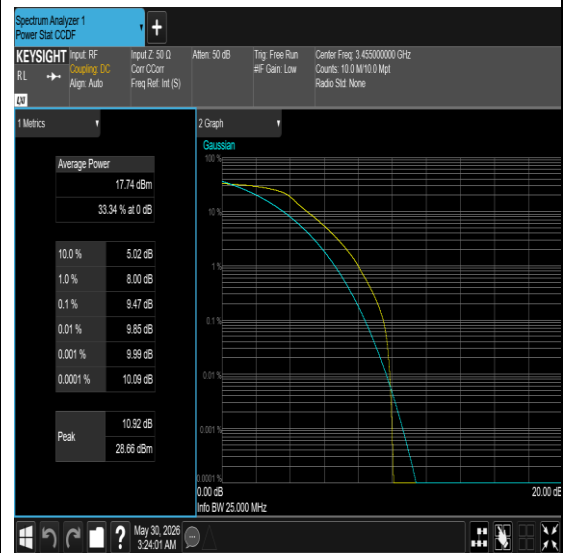
42(3450-3550)-10MHz-QPSK-42140-1RB#0-PASS



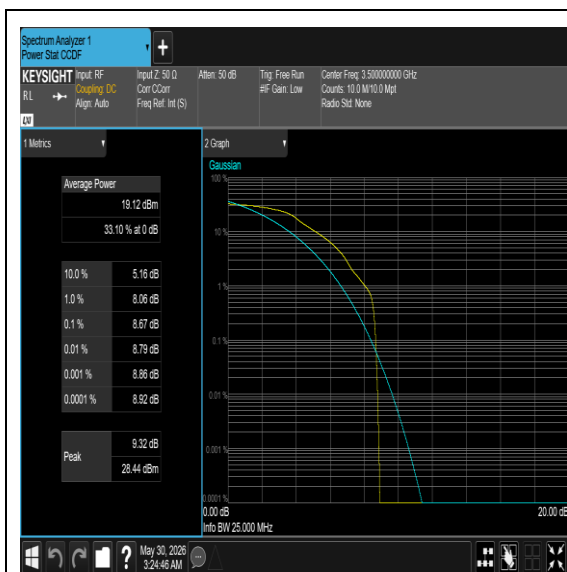
42(3450-3550)-10MHz-QPSK-42140-50RB#0-PASS



42(3450-3550)-10MHz-QPSK-42590-1RB#0-PASS



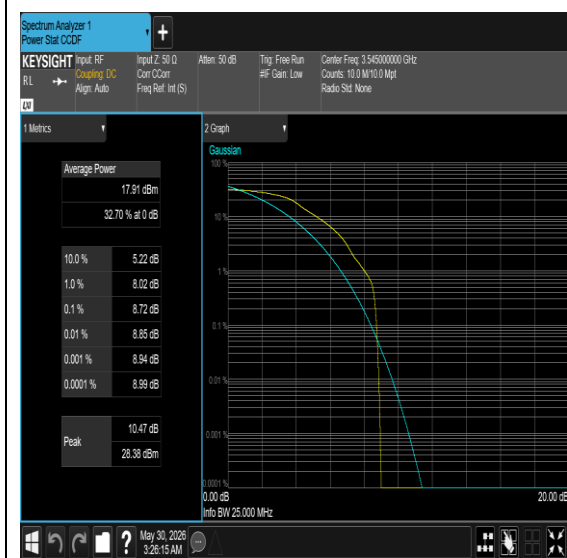
42(3450-3550)-10MHz-QPSK-42590-50RB#0-PASS



42(3450-3550)-10MHz-QPSK-43040-1RB#0-PASS



42(3450-3550)-10MHz-QPSK-43040-50RB#0-PASS



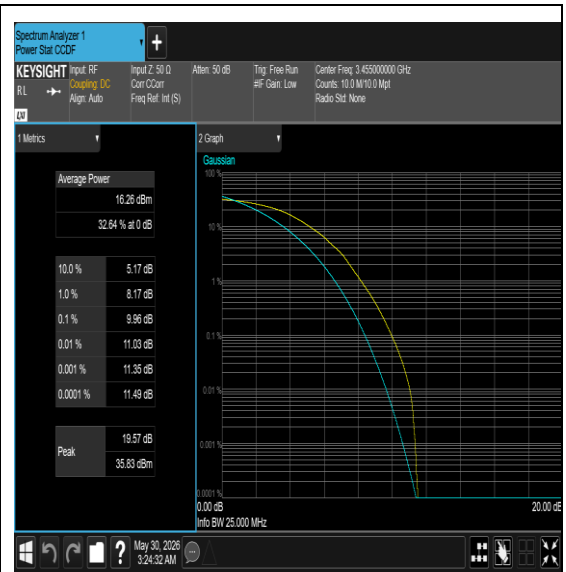
42(3450-3550)-10MHz-64QAM-42140-1RB#0-PASS



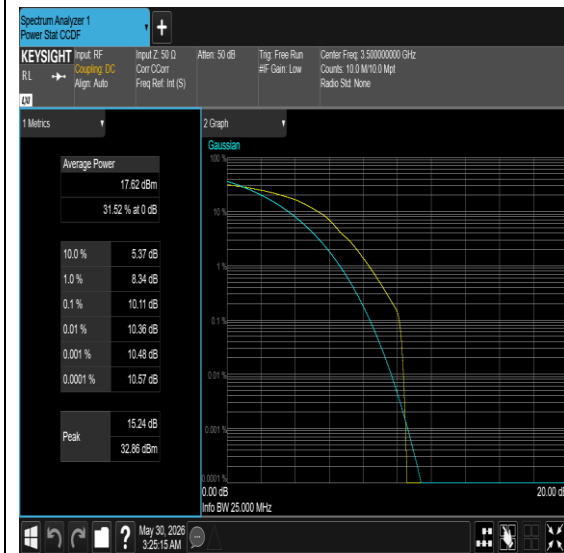
42(3450-3550)-10MHz-64QAM-42140-50RB#0-PASS



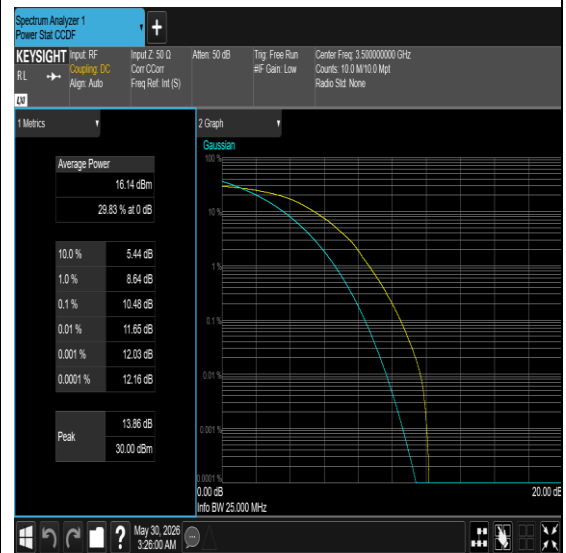
42(3450-3550)-10MHz-64QAM-42590-1RB#0-
PASS



42(3450-3550)-10MHz-64QAM-42590-50RB#0-
PASS



42(3450-3550)-10MHz-64QAM-43040-1RB#0-
PASS



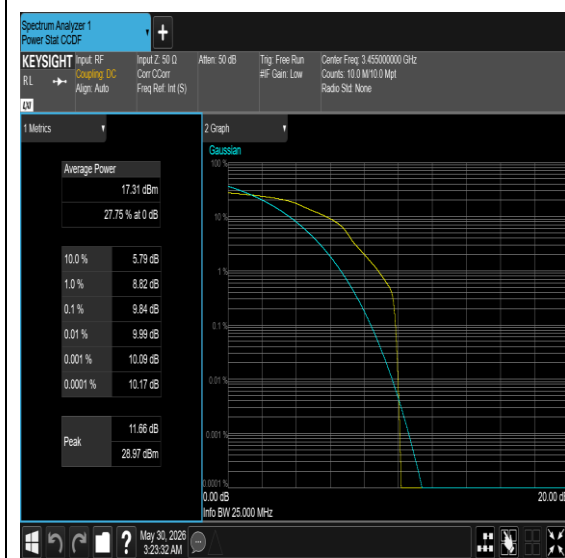
42(3450-3550)-10MHz-64QAM-43040-50RB#0-
PASS



42(3450-3550)-10MHz-16QAM-42140-1RB#0-
PASS



42(3450-3550)-10MHz-16QAM-42140-50RB#0-
PASS



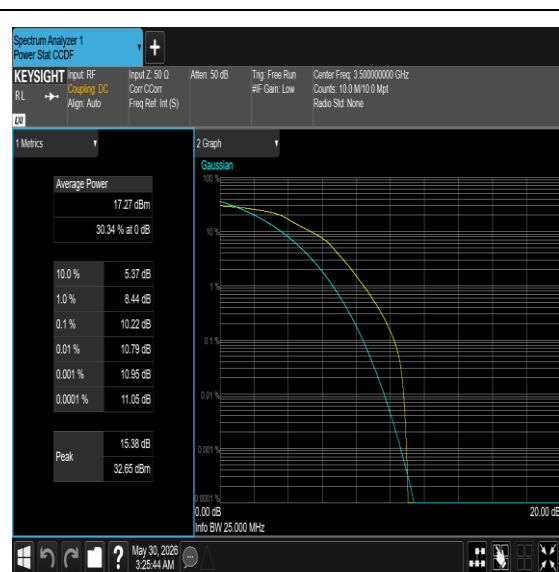
42(3450-3550)-10MHz-16QAM-42590-1RB#0-
PASS



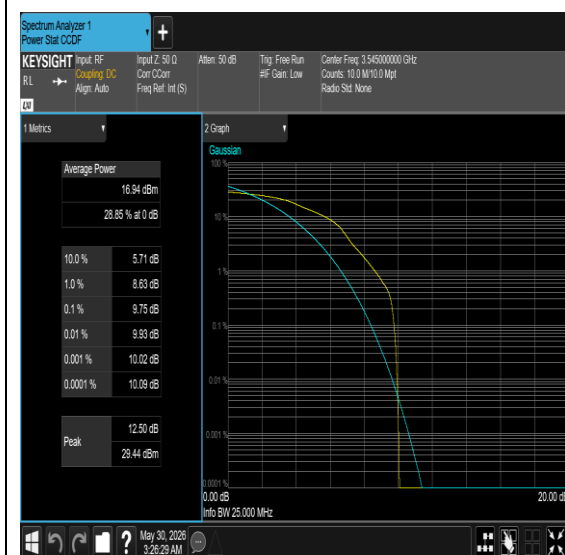
42(3450-3550)-10MHz-16QAM-42590-50RB#0-
PASS



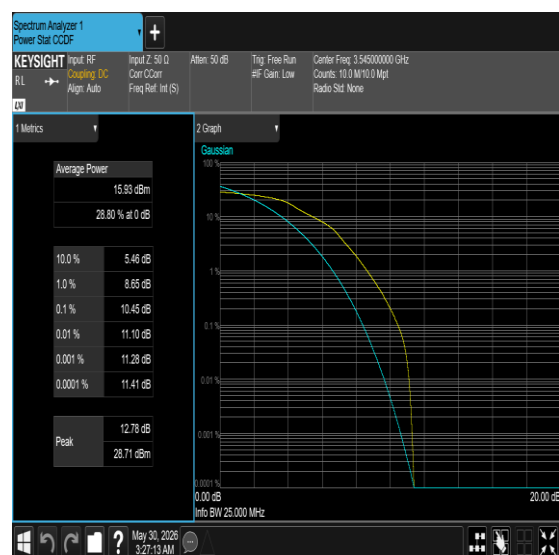
42(3450-3550)-10MHz-16QAM-43040-1RB#0-
PASS



42(3450-3550)-10MHz-16QAM-43040-50RB#0-
PASS



42(3450-3550)-15MHz-QPSK-42165-1RB#0-PASS



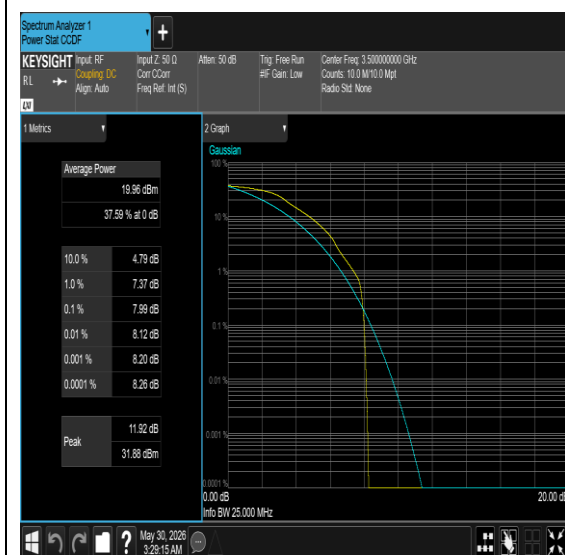
42(3450-3550)-15MHz-QPSK-42165-75RB#0-
PASS



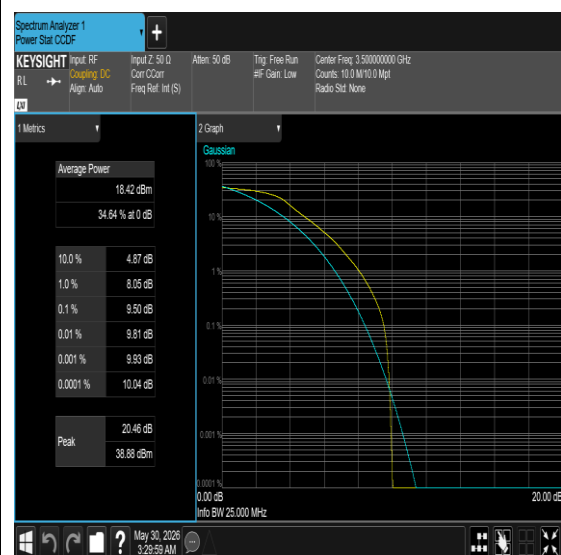
42(3450-3550)-15MHz-QPSK-42590-1RB#0-PASS



42(3450-3550)-15MHz-QPSK-42590-75RB#0-PASS



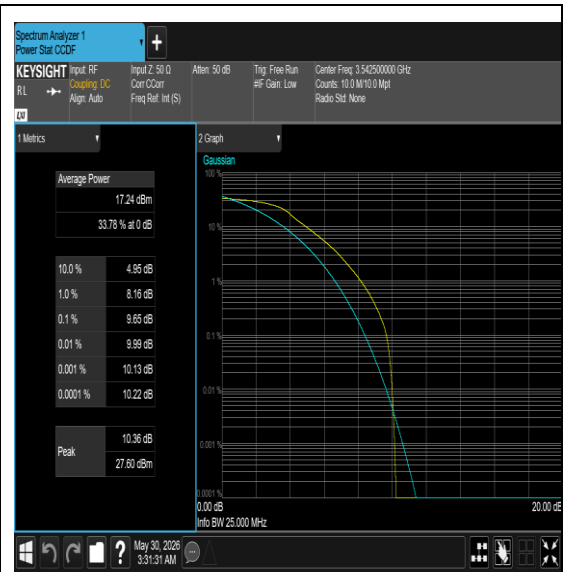
42(3450-3550)-15MHz-QPSK-43015-1RB#0-PASS



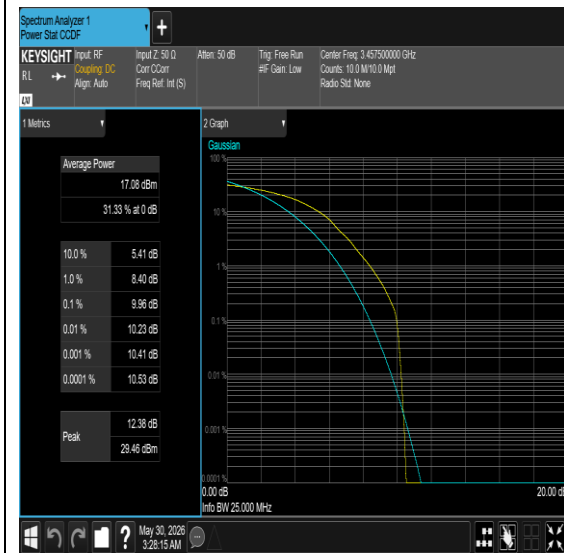
42(3450-3550)-15MHz-QPSK-43015-75RB#0-PASS



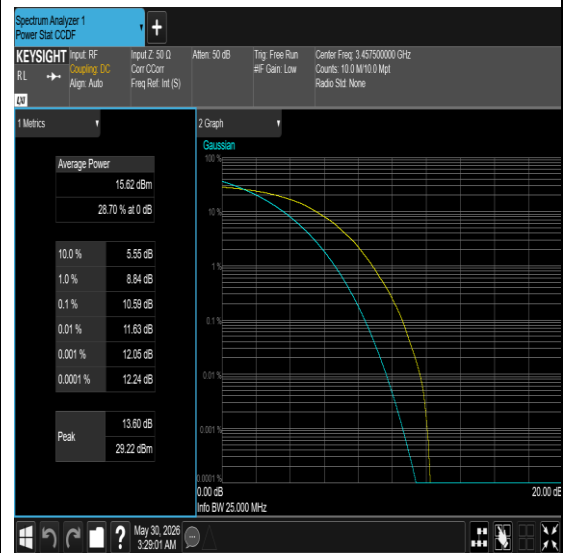
42(3450-3550)-15MHz-64QAM-42165-1RB#0-
PASS



42(3450-3550)-15MHz-64QAM-42165-75RB#0-
PASS



42(3450-3550)-15MHz-64QAM-42590-1RB#0-
PASS



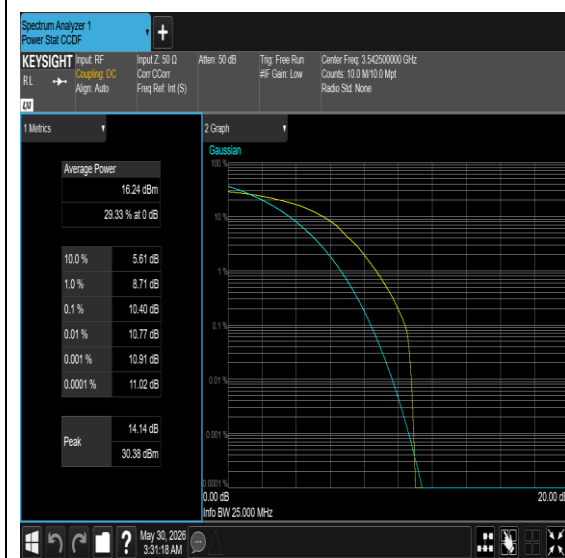
42(3450-3550)-15MHz-64QAM-42590-75RB#0-
PASS



42(3450-3550)-15MHz-64QAM-43015-1RB#0-
PASS



42(3450-3550)-15MHz-64QAM-43015-75RB#0-
PASS



42(3450-3550)-15MHz-16QAM-42165-1RB#0-
PASS



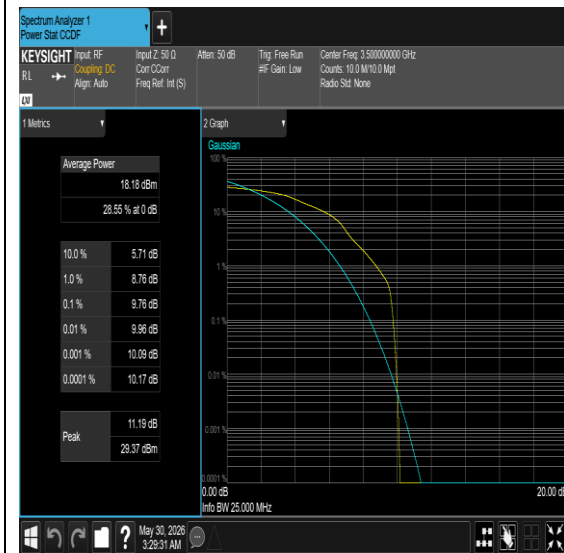
42(3450-3550)-15MHz-16QAM-42165-75RB#0-
PASS



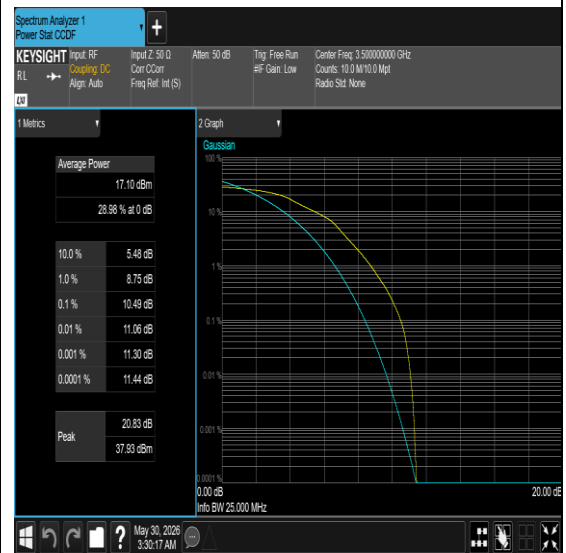
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PASS



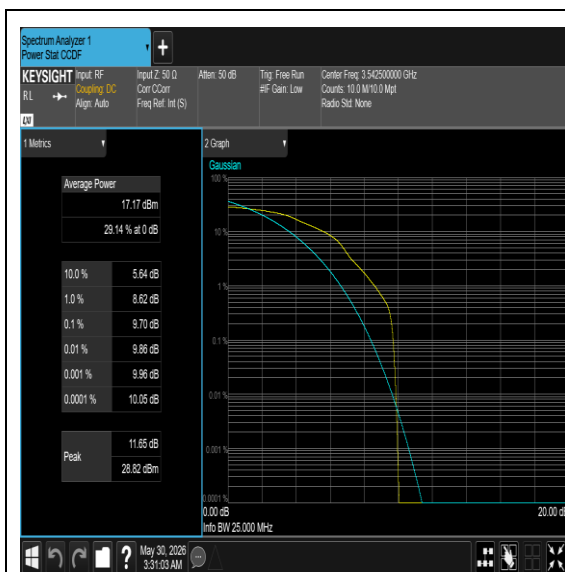
42(3450-3550)-15MHz-16QAM-42590-75RB#0-
PASS



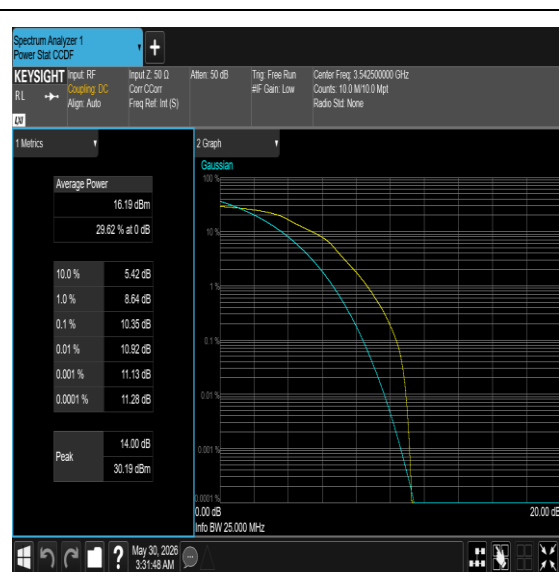
42(3450-3550)-15MHz-16QAM-43015-1RB#0-
PASS



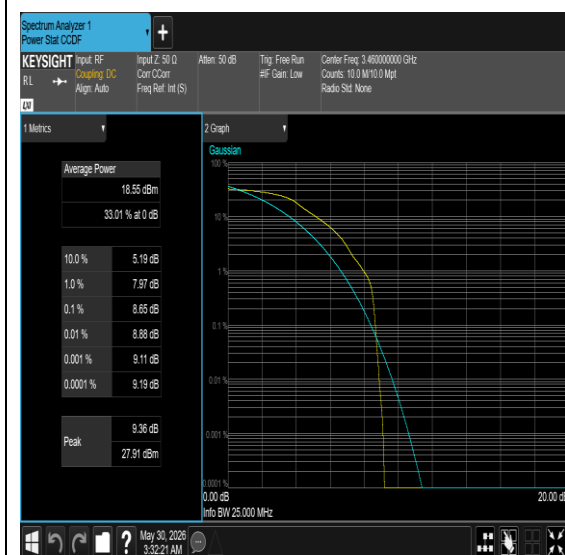
42(3450-3550)-15MHz-16QAM-43015-75RB#0-
PASS



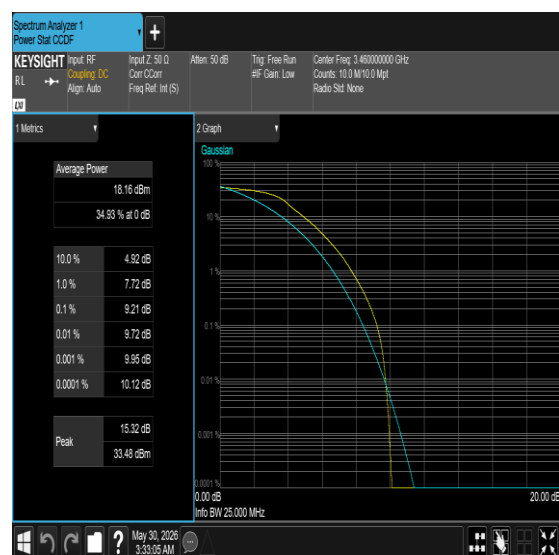
42(3450-3550)-20MHz-QPSK-42190-1RB#0-PASS



42(3450-3550)-20MHz-QPSK-42190-100RB#0-PASS



42(3450-3550)-20MHz-QPSK-42590-1RB#0-PASS



42(3450-3550)-20MHz-QPSK-42590-100RB#0-PASS