

LTE Band41 Test Data

General Description of EUT	
Product Name:	Smartphone
Test Model:	HiBreak
Sample ID:	HC-C-202406-0078-01-01-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.8V
Test Engineer:	ZKN ZHOU
Note: For a more detailed features description, please refer to the report TBR-C-202406-0078-35 . The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
41(2555-2655)	5MHz	QPSK	40265	1RB#0	18.01	PASS
41(2555-2655)	5MHz	QPSK	40265	1RB#12	18.20	PASS
41(2555-2655)	5MHz	QPSK	40265	1RB#24	18.13	PASS
41(2555-2655)	5MHz	QPSK	40265	12RB#0	17.11	PASS
41(2555-2655)	5MHz	QPSK	40265	12RB#6	17.16	PASS
41(2555-2655)	5MHz	QPSK	40265	12RB#13	17.14	PASS
41(2555-2655)	5MHz	QPSK	40265	25RB#0	17.14	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#0	18.56	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#12	18.75	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#24	18.65	PASS
41(2555-2655)	5MHz	QPSK	40690	12RB#0	17.60	PASS
41(2555-2655)	5MHz	QPSK	40690	12RB#6	17.64	PASS
41(2555-2655)	5MHz	QPSK	40690	12RB#13	17.71	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	17.67	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	18.44	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#12	18.52	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#24	18.32	PASS
41(2555-2655)	5MHz	QPSK	41215	12RB#0	17.43	PASS
41(2555-2655)	5MHz	QPSK	41215	12RB#6	17.48	PASS
41(2555-2655)	5MHz	QPSK	41215	12RB#13	17.41	PASS
41(2555-2655)	5MHz	QPSK	41215	25RB#0	17.44	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	17.30	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#12	17.50	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#24	17.44	PASS
41(2555-2655)	5MHz	16QAM	40265	12RB#0	16.11	PASS
41(2555-2655)	5MHz	16QAM	40265	12RB#6	16.09	PASS
41(2555-2655)	5MHz	16QAM	40265	12RB#13	16.14	PASS
41(2555-2655)	5MHz	16QAM	40265	25RB#0	16.21	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#0	17.77	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#12	17.93	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#24	17.86	PASS
41(2555-2655)	5MHz	16QAM	40690	12RB#0	16.54	PASS
41(2555-2655)	5MHz	16QAM	40690	12RB#6	16.59	PASS
41(2555-2655)	5MHz	16QAM	40690	12RB#13	16.58	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	16.68	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	17.60	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#12	17.67	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#24	17.59	PASS
41(2555-2655)	5MHz	16QAM	41215	12RB#0	16.37	PASS

41(2555-2655)	5MHz	16QAM	41215	12RB#6	16.40	PASS
41(2555-2655)	5MHz	16QAM	41215	12RB#13	16.27	PASS
41(2555-2655)	5MHz	16QAM	41215	25RB#0	16.36	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	18.10	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#24	18.47	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#49	18.30	PASS
41(2555-2655)	10MHz	QPSK	40290	25RB#0	17.26	PASS
41(2555-2655)	10MHz	QPSK	40290	25RB#12	17.25	PASS
41(2555-2655)	10MHz	QPSK	40290	25RB#25	17.28	PASS
41(2555-2655)	10MHz	QPSK	40290	50RB#0	17.24	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#0	18.59	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#24	18.97	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#49	18.84	PASS
41(2555-2655)	10MHz	QPSK	40690	25RB#0	17.64	PASS
41(2555-2655)	10MHz	QPSK	40690	25RB#12	17.62	PASS
41(2555-2655)	10MHz	QPSK	40690	25RB#25	17.77	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	17.66	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	18.54	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#24	18.74	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#49	18.43	PASS
41(2555-2655)	10MHz	QPSK	41190	25RB#0	17.49	PASS
41(2555-2655)	10MHz	QPSK	41190	25RB#12	17.47	PASS
41(2555-2655)	10MHz	QPSK	41190	25RB#25	17.43	PASS
41(2555-2655)	10MHz	QPSK	41190	50RB#0	17.39	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	16.79	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#24	17.09	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#49	16.91	PASS
41(2555-2655)	10MHz	16QAM	40290	25RB#0	16.30	PASS
41(2555-2655)	10MHz	16QAM	40290	25RB#12	16.31	PASS
41(2555-2655)	10MHz	16QAM	40290	25RB#25	16.30	PASS
41(2555-2655)	10MHz	16QAM	40290	50RB#0	16.35	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#0	17.66	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#24	18.00	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#49	17.93	PASS
41(2555-2655)	10MHz	16QAM	40690	25RB#0	16.65	PASS
41(2555-2655)	10MHz	16QAM	40690	25RB#12	16.69	PASS
41(2555-2655)	10MHz	16QAM	40690	25RB#25	16.79	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	16.63	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	17.51	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#24	17.72	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#49	17.47	PASS
41(2555-2655)	10MHz	16QAM	41190	25RB#0	16.53	PASS
41(2555-2655)	10MHz	16QAM	41190	25RB#12	16.52	PASS
41(2555-2655)	10MHz	16QAM	41190	25RB#25	16.42	PASS

41(2555-2655)	10MHz	16QAM	41190	50RB#0	16.36	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	18.12	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#38	18.31	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#74	18.17	PASS
41(2555-2655)	15MHz	QPSK	40315	38RB#0	17.29	PASS
41(2555-2655)	15MHz	QPSK	40315	38RB#18	17.25	PASS
41(2555-2655)	15MHz	QPSK	40315	38RB#37	17.26	PASS
41(2555-2655)	15MHz	QPSK	40315	75RB#0	17.28	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#0	18.43	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#38	18.81	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#74	18.78	PASS
41(2555-2655)	15MHz	QPSK	40690	38RB#0	17.74	PASS
41(2555-2655)	15MHz	QPSK	40690	38RB#18	17.74	PASS
41(2555-2655)	15MHz	QPSK	40690	38RB#37	17.75	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	17.73	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	18.38	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#38	18.59	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#74	18.31	PASS
41(2555-2655)	15MHz	QPSK	41165	38RB#0	17.56	PASS
41(2555-2655)	15MHz	QPSK	41165	38RB#18	17.55	PASS
41(2555-2655)	15MHz	QPSK	41165	38RB#37	17.57	PASS
41(2555-2655)	15MHz	QPSK	41165	75RB#0	17.56	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	17.20	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#38	17.42	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#74	17.38	PASS
41(2555-2655)	15MHz	16QAM	40315	38RB#0	17.26	PASS
41(2555-2655)	15MHz	16QAM	40315	38RB#18	17.26	PASS
41(2555-2655)	15MHz	16QAM	40315	38RB#37	17.25	PASS
41(2555-2655)	15MHz	16QAM	40315	75RB#0	16.30	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#0	17.50	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#38	17.82	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#74	17.85	PASS
41(2555-2655)	15MHz	16QAM	40690	38RB#0	17.74	PASS
41(2555-2655)	15MHz	16QAM	40690	38RB#18	17.71	PASS
41(2555-2655)	15MHz	16QAM	40690	38RB#37	17.74	PASS
41(2555-2655)	15MHz	16QAM	40690	75RB#0	16.71	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	17.46	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#38	17.56	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#74	17.40	PASS
41(2555-2655)	15MHz	16QAM	41165	38RB#0	17.54	PASS
41(2555-2655)	15MHz	16QAM	41165	38RB#18	17.55	PASS
41(2555-2655)	15MHz	16QAM	41165	38RB#37	17.55	PASS
41(2555-2655)	15MHz	16QAM	41165	75RB#0	16.49	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	18.10	PASS

41(2555-2655)	20MHz	QPSK	40340	1RB#49	18.49	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#99	18.20	PASS
41(2555-2655)	20MHz	QPSK	40340	50RB#0	17.25	PASS
41(2555-2655)	20MHz	QPSK	40340	50RB#25	17.33	PASS
41(2555-2655)	20MHz	QPSK	40340	50RB#50	17.27	PASS
41(2555-2655)	20MHz	QPSK	40340	100RB#0	17.32	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#0	18.30	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#49	18.92	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#99	18.72	PASS
41(2555-2655)	20MHz	QPSK	40690	50RB#0	17.43	PASS
41(2555-2655)	20MHz	QPSK	40690	50RB#25	17.48	PASS
41(2555-2655)	20MHz	QPSK	40690	50RB#50	17.75	PASS
41(2555-2655)	20MHz	QPSK	40690	100RB#0	17.58	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#0	18.19	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#49	18.75	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#99	18.29	PASS
41(2555-2655)	20MHz	QPSK	41140	50RB#0	17.42	PASS
41(2555-2655)	20MHz	QPSK	41140	50RB#25	17.43	PASS
41(2555-2655)	20MHz	QPSK	41140	50RB#50	17.35	PASS
41(2555-2655)	20MHz	QPSK	41140	100RB#0	17.34	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	16.71	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#49	17.05	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#99	16.85	PASS
41(2555-2655)	20MHz	16QAM	40340	50RB#0	16.36	PASS
41(2555-2655)	20MHz	16QAM	40340	50RB#25	16.34	PASS
41(2555-2655)	20MHz	16QAM	40340	50RB#50	16.36	PASS
41(2555-2655)	20MHz	16QAM	40340	100RB#0	16.40	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#0	17.24	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#49	17.83	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#99	17.68	PASS
41(2555-2655)	20MHz	16QAM	40690	50RB#0	16.51	PASS
41(2555-2655)	20MHz	16QAM	40690	50RB#25	16.51	PASS
41(2555-2655)	20MHz	16QAM	40690	50RB#50	16.67	PASS
41(2555-2655)	20MHz	16QAM	40690	100RB#0	16.55	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	17.27	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#49	17.60	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#99	17.26	PASS
41(2555-2655)	20MHz	16QAM	41140	50RB#0	16.53	PASS
41(2555-2655)	20MHz	16QAM	41140	50RB#25	16.50	PASS
41(2555-2655)	20MHz	16QAM	41140	50RB#50	16.35	PASS
41(2555-2655)	20MHz	16QAM	41140	100RB#0	16.39	PASS

2: Peak-to-Average Ratio(CCDF)

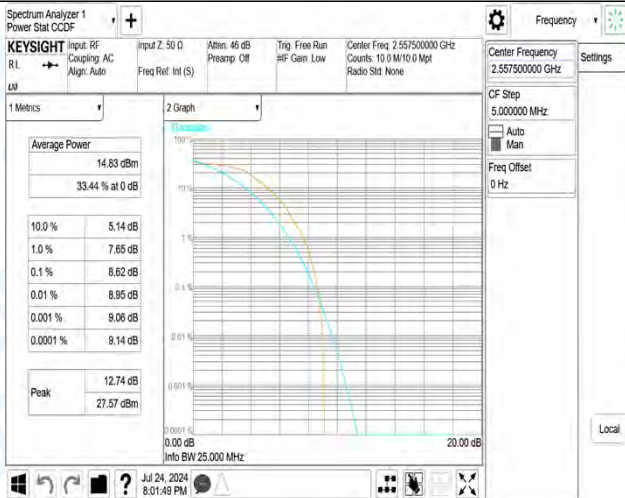
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41(2555-2655)	5MHz	QPSK	40265	1RB#0	8.62	13	PASS
41(2555-2655)	5MHz	QPSK	40265	25RB#0	9.65	13	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#0	7.55	13	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	8.25	13	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	7.21	13	PASS
41(2555-2655)	5MHz	QPSK	41215	25RB#0	8.12	13	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	9.28	13	PASS
41(2555-2655)	5MHz	16QAM	40265	25RB#0	10.12	13	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#0	7.94	13	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	9.13	13	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	7.88	13	PASS
41(2555-2655)	5MHz	16QAM	41215	25RB#0	8.88	13	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	8.37	13	PASS
41(2555-2655)	10MHz	QPSK	40290	50RB#0	9.29	13	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#0	7.64	13	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	8.23	13	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	6.78	13	PASS
41(2555-2655)	10MHz	QPSK	41190	50RB#0	8.31	13	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	9.49	13	PASS
41(2555-2655)	10MHz	16QAM	40290	50RB#0	9.61	13	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#0	8.26	13	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	9.21	13	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	8.15	13	PASS
41(2555-2655)	10MHz	16QAM	41190	50RB#0	8.77	13	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	8.36	13	PASS
41(2555-2655)	15MHz	QPSK	40315	75RB#0	9.54	13	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#0	7.90	13	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	8.78	13	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	7.40	13	PASS
41(2555-2655)	15MHz	QPSK	41165	75RB#0	8.02	13	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	9.30	13	PASS
41(2555-2655)	15MHz	16QAM	40315	75RB#0	10.27	13	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#0	8.65	13	PASS
41(2555-2655)	15MHz	16QAM	40690	75RB#0	9.27	13	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	8.47	13	PASS
41(2555-2655)	15MHz	16QAM	41165	75RB#0	9.14	13	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	7.66	13	PASS
41(2555-2655)	20MHz	QPSK	40340	100RB#0	9.27	13	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#0	7.73	13	PASS

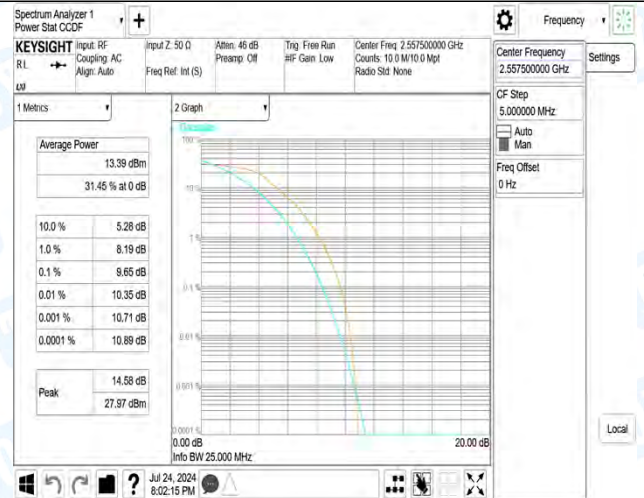
41(2555-2655)	20MHz	QPSK	40690	100RB#0	8.47	13	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#0	7.95	13	PASS
41(2555-2655)	20MHz	QPSK	41140	100RB#0	8.41	13	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	9.07	13	PASS
41(2555-2655)	20MHz	16QAM	40340	100RB#0	10.15	13	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#0	8.20	13	PASS
41(2555-2655)	20MHz	16QAM	40690	100RB#0	9.02	13	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	9.14	13	PASS
41(2555-2655)	20MHz	16QAM	41140	100RB#0	9.33	13	PASS

Test Graphs

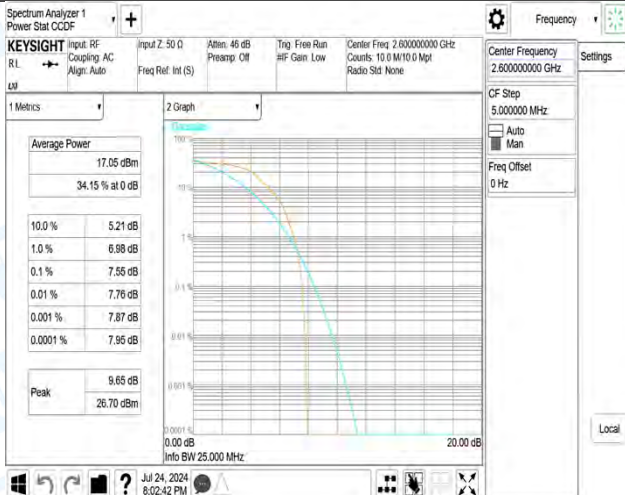
41(2555-2655)-5MHz-QPSK-40265-1RB#0-PASS



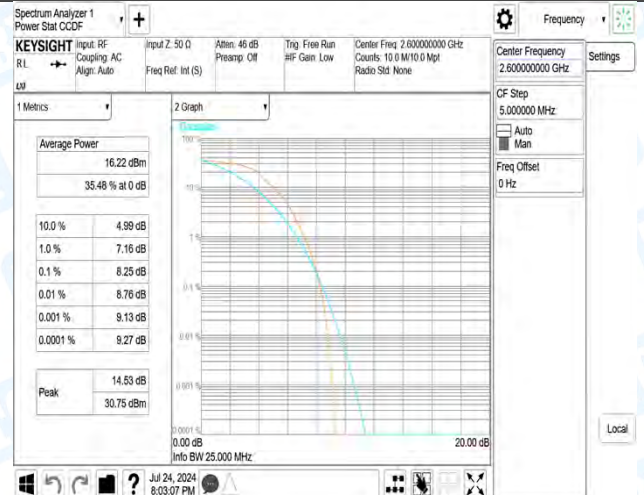
41(2555-2655)-5MHz-QPSK-40265-25RB#0-PASS



41(2555-2655)-5MHz-QPSK-40690-1RB#0-PASS



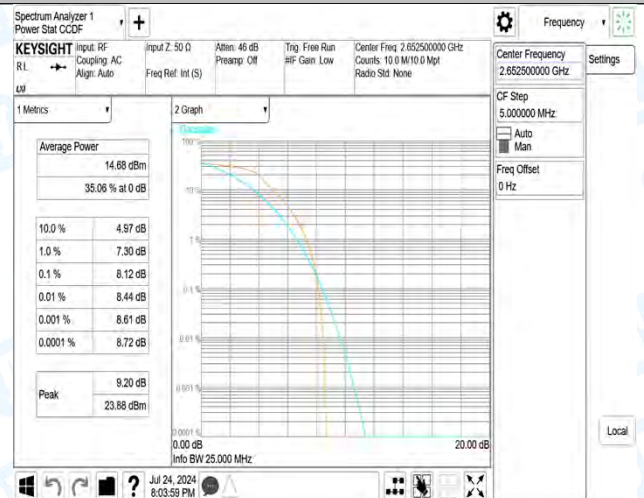
41(2555-2655)-5MHz-QPSK-40690-25RB#0-PASS



41(2555-2655)-5MHz-QPSK-41215-1RB#0-PASS

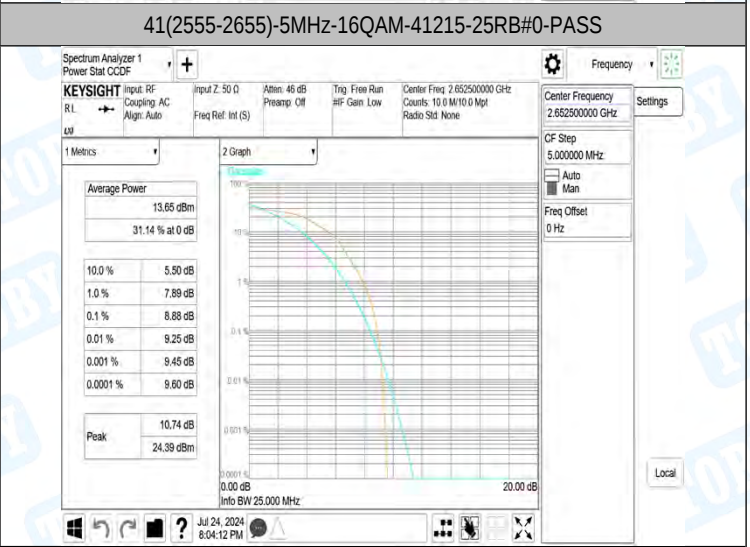
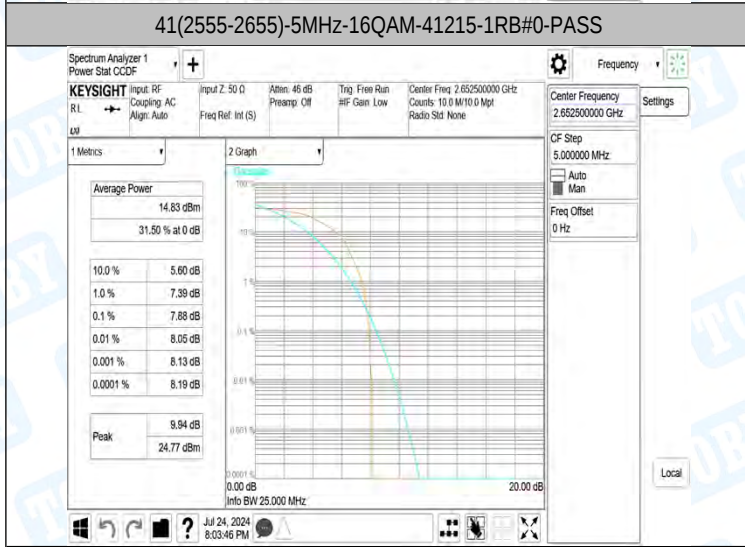
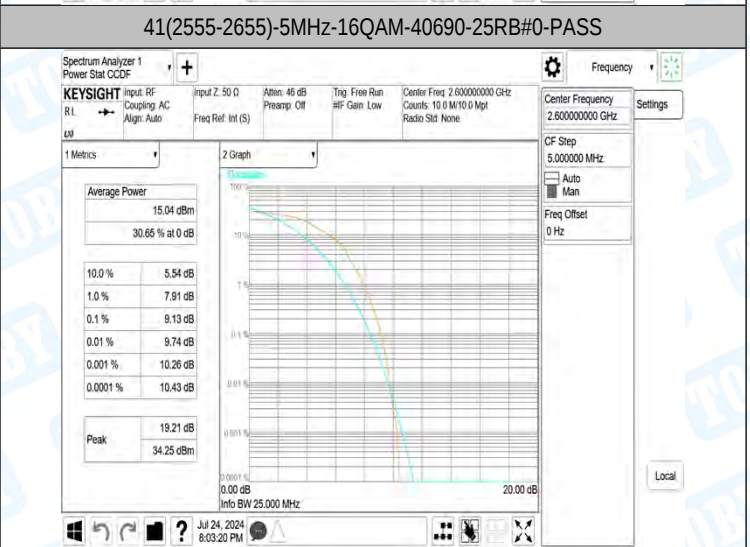
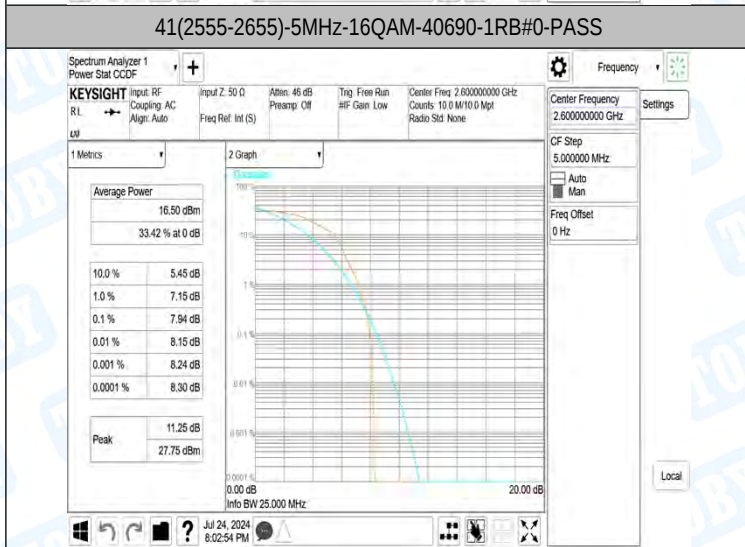
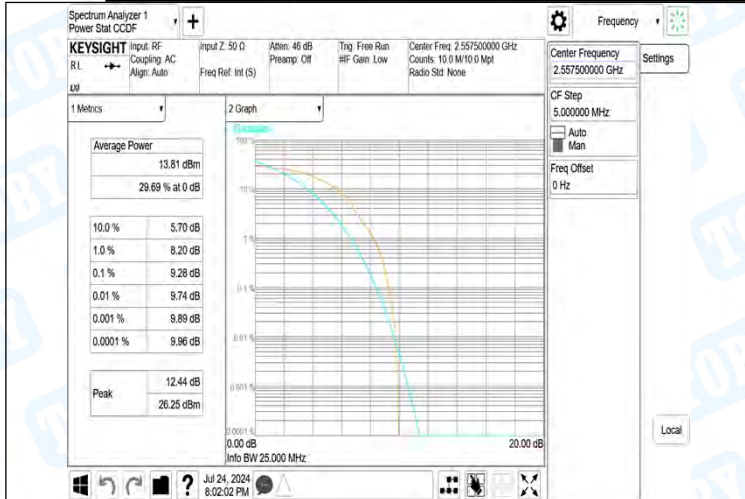


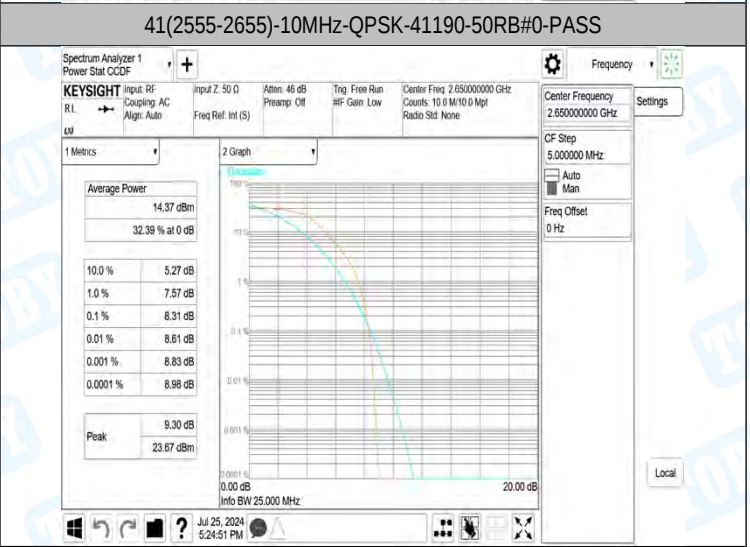
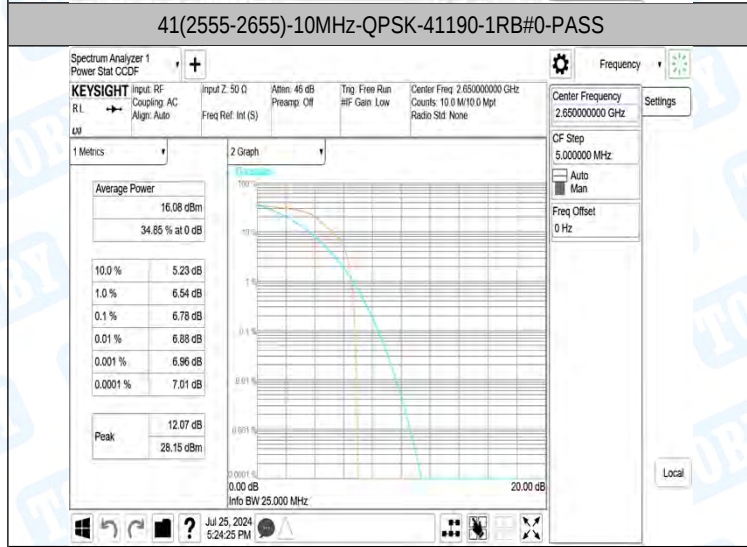
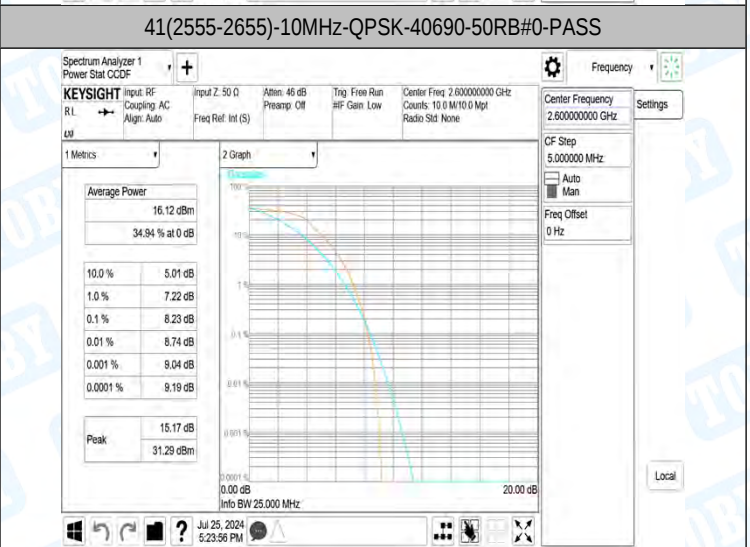
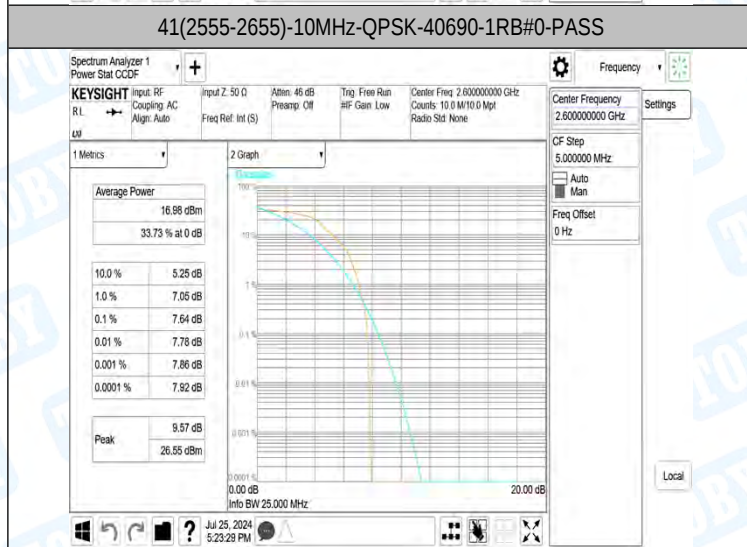
41(2555-2655)-5MHz-QPSK-41215-25RB#0-PASS

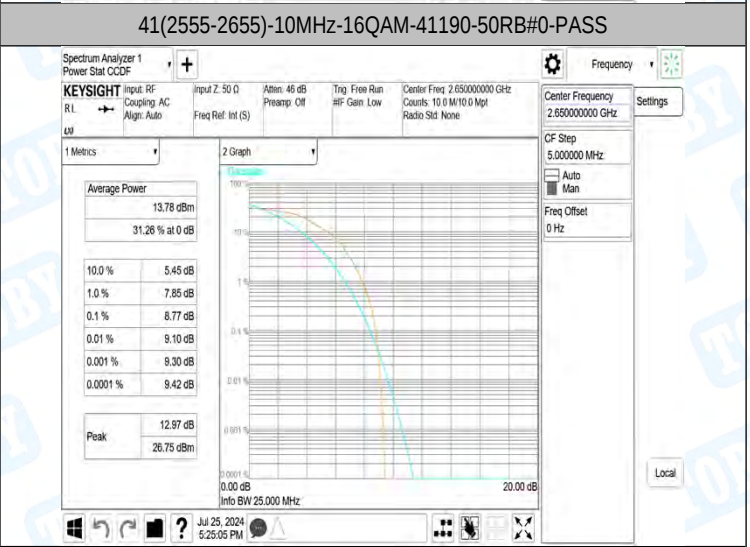
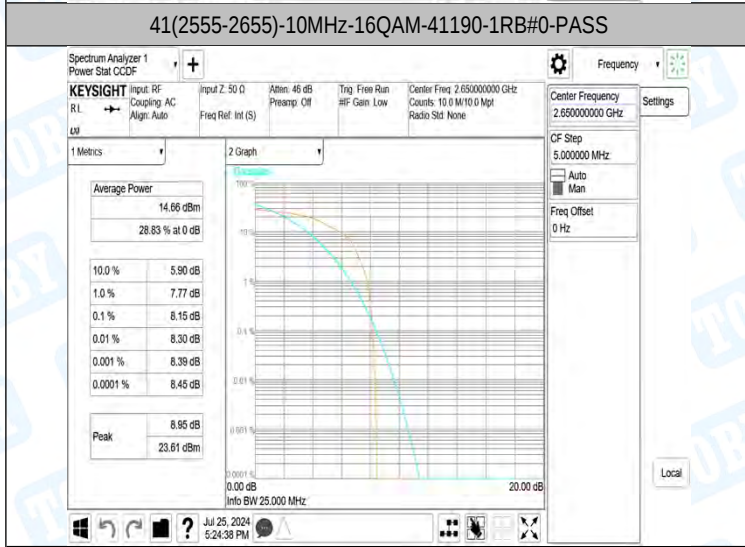
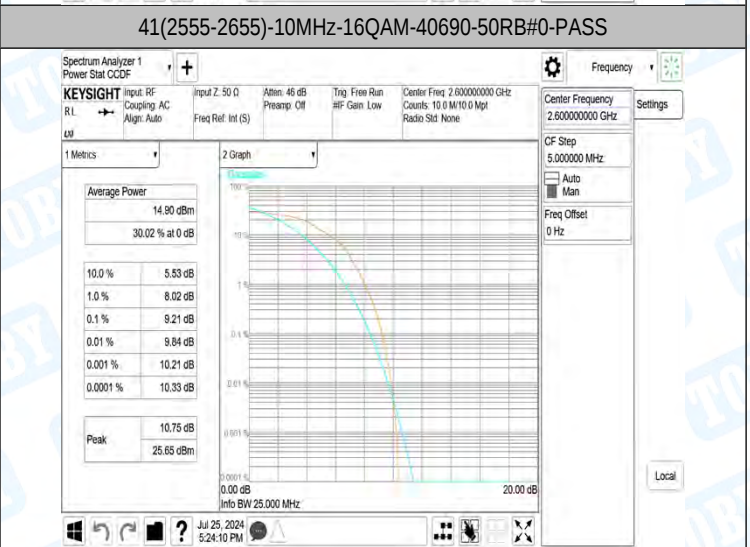
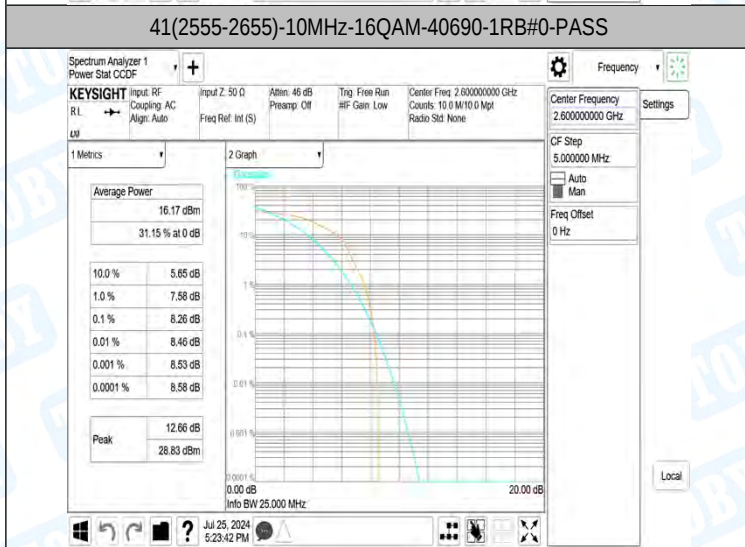


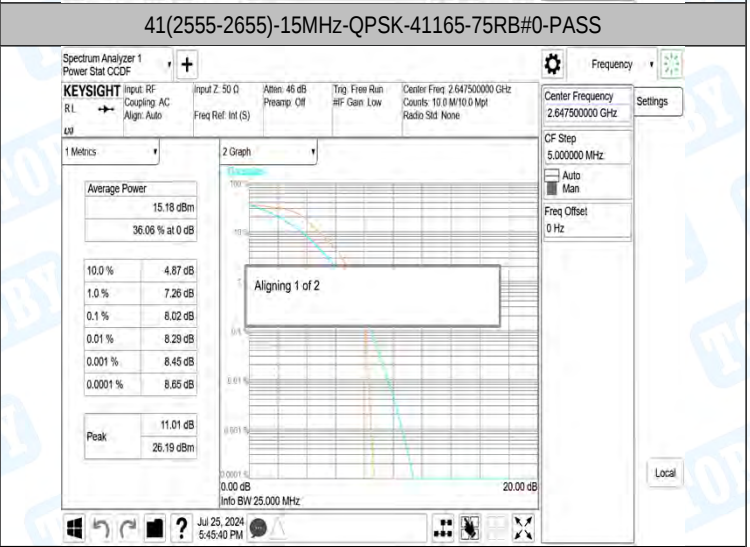
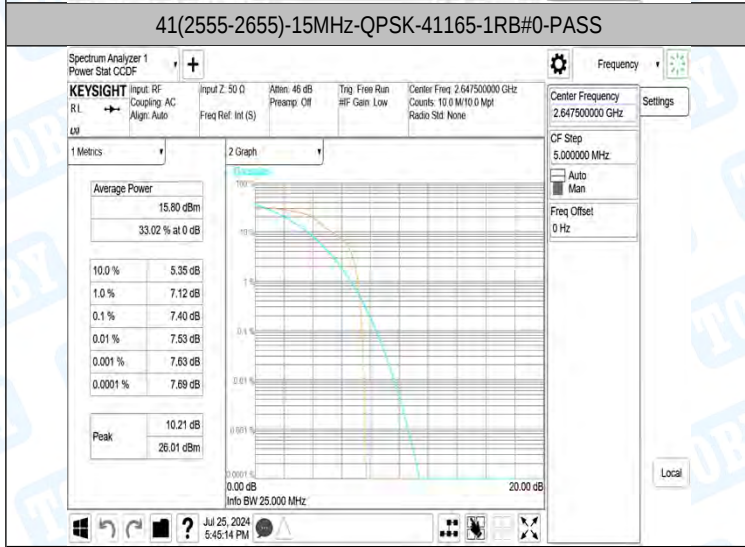
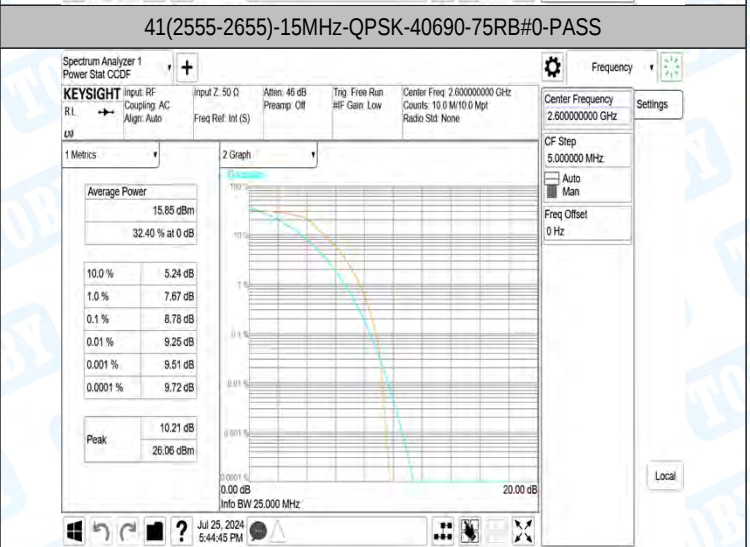
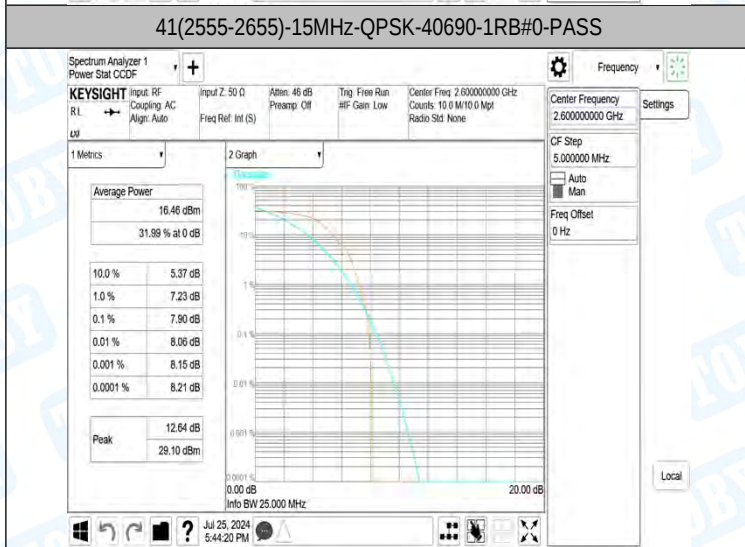
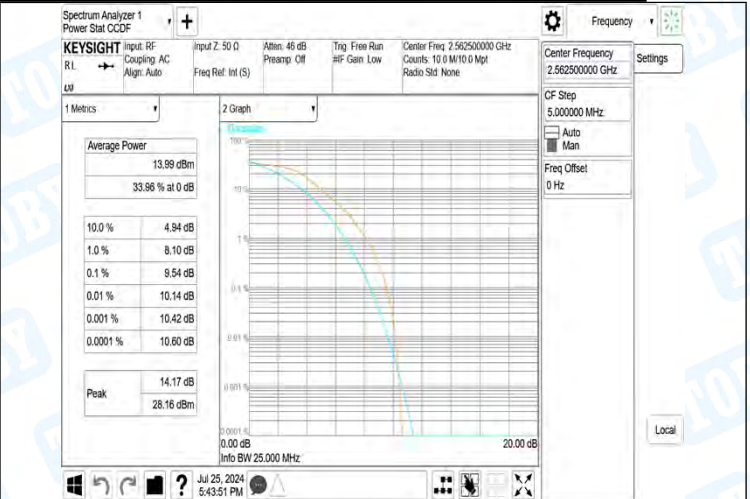
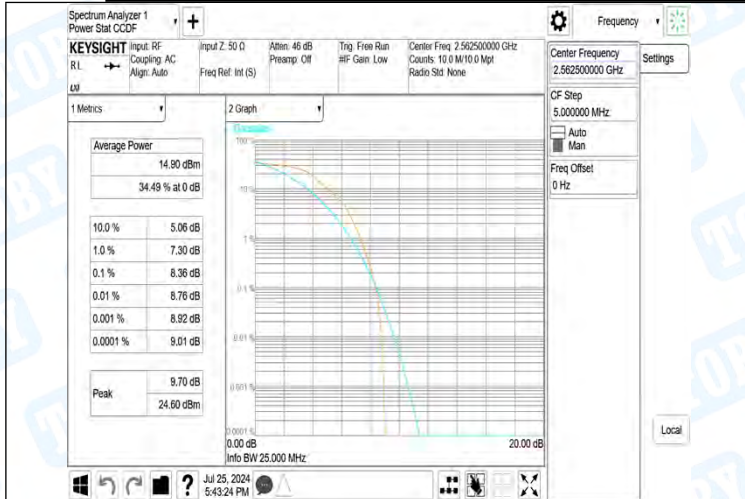
41(2555-2655)-5MHz-16QAM-40265-1RB#0-PASS

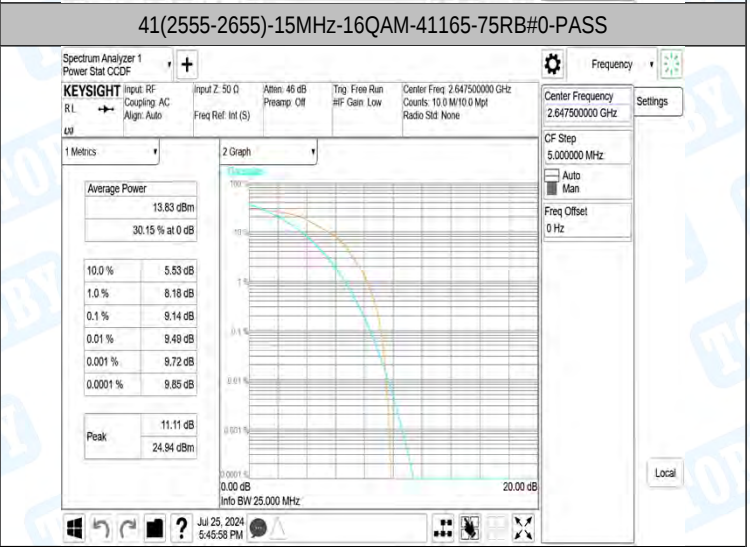
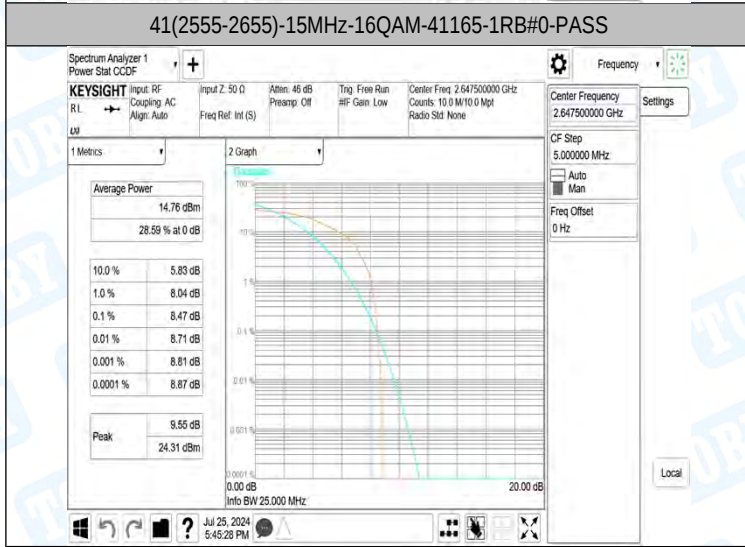
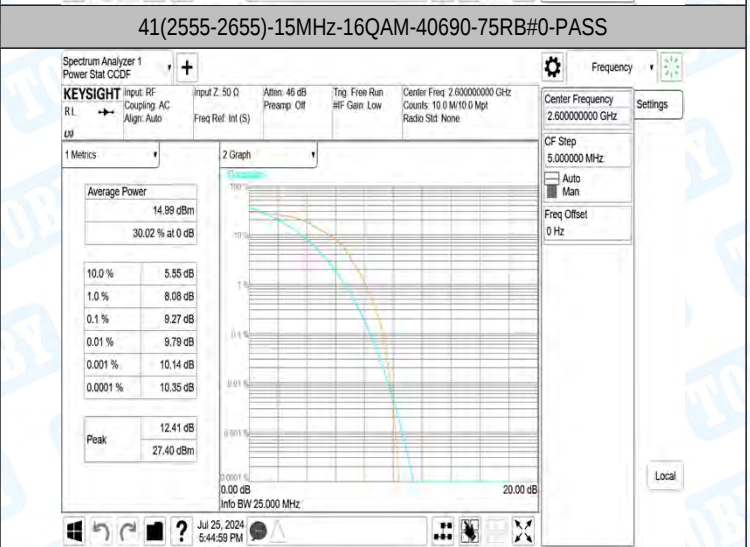
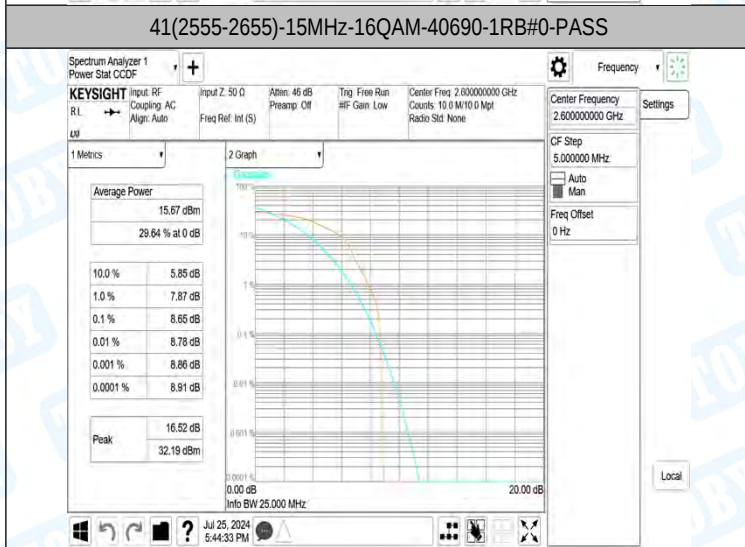
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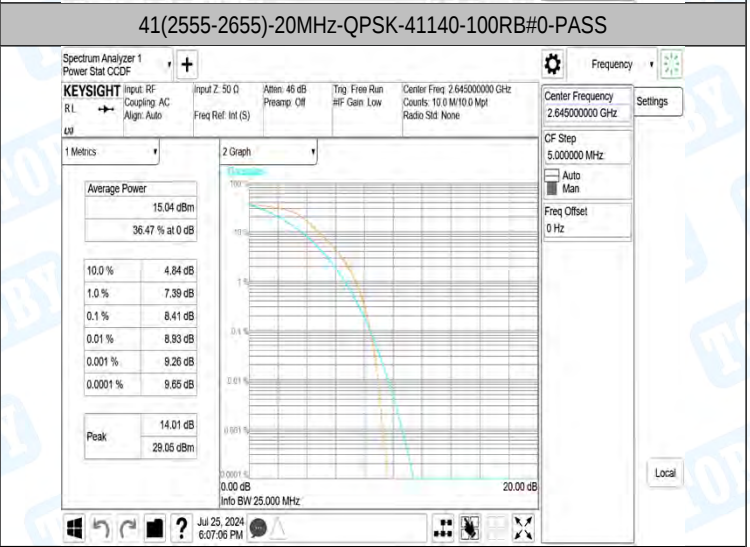
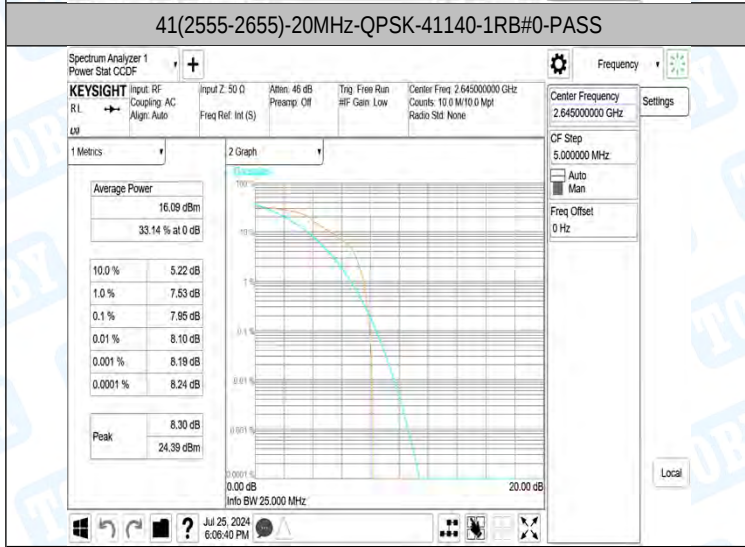
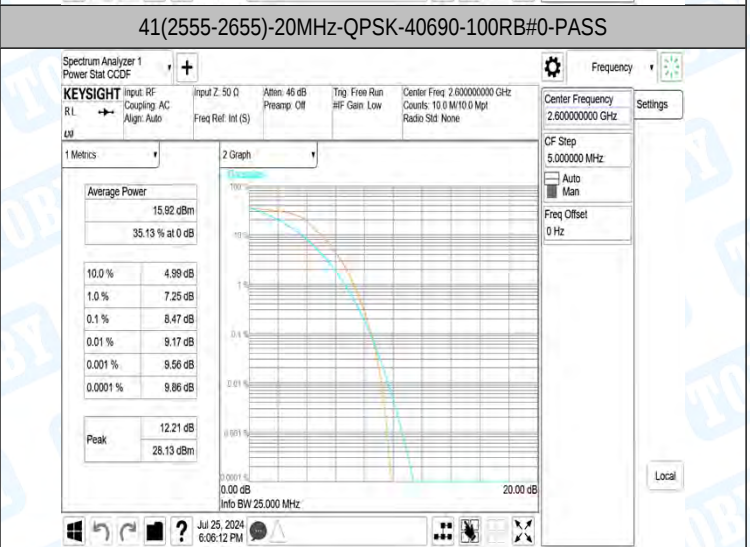
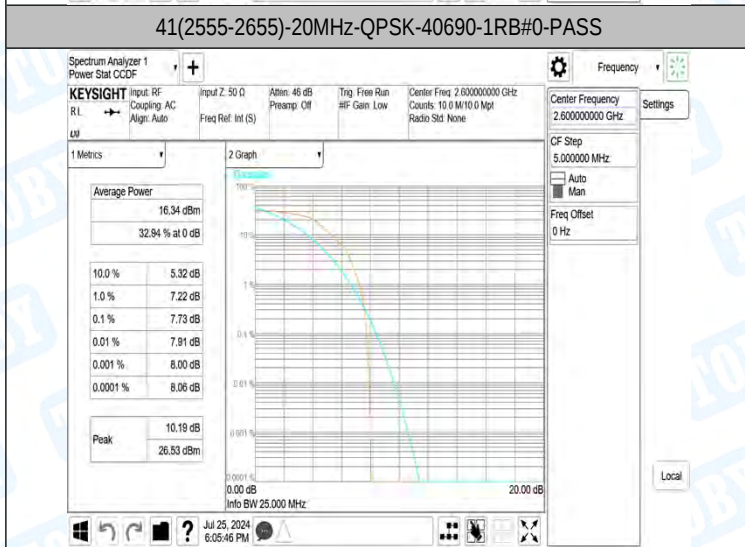
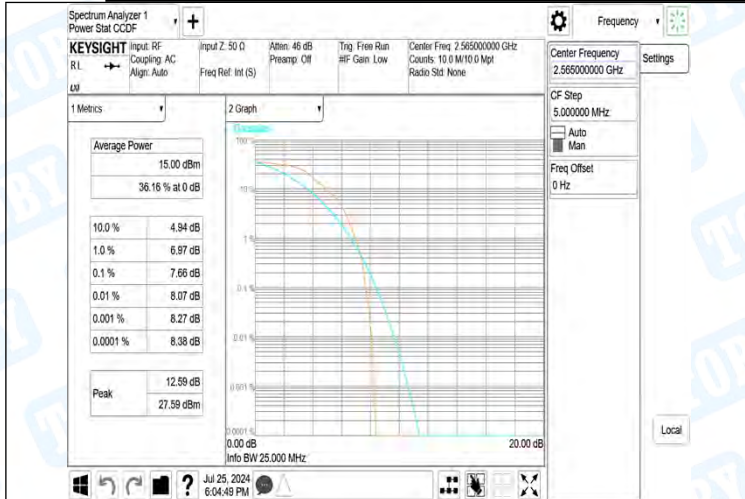


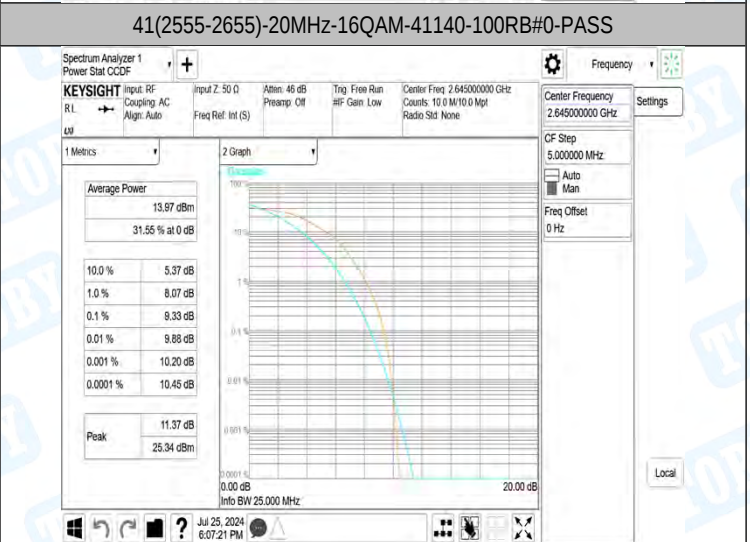
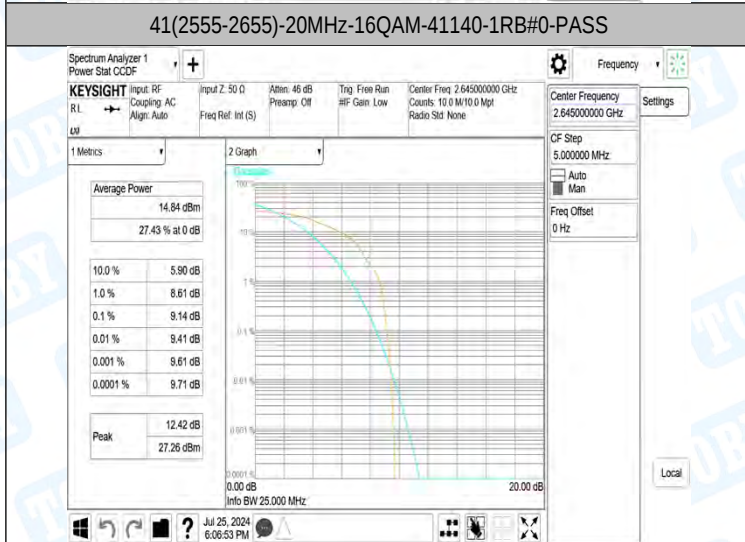
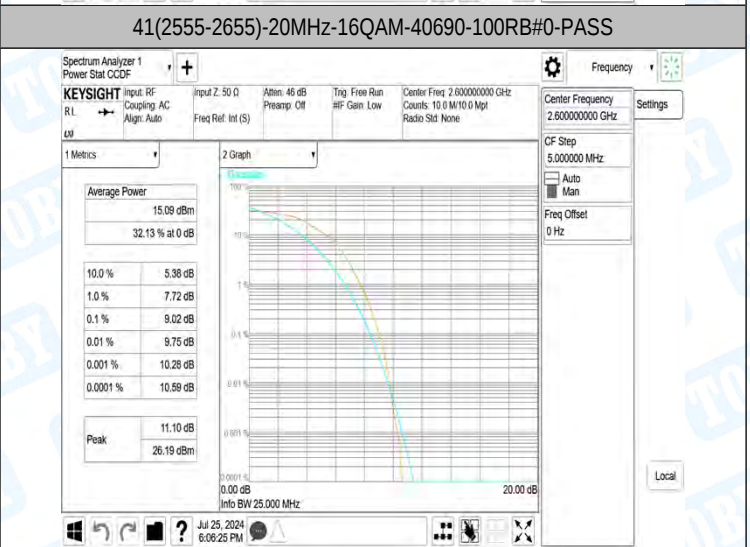
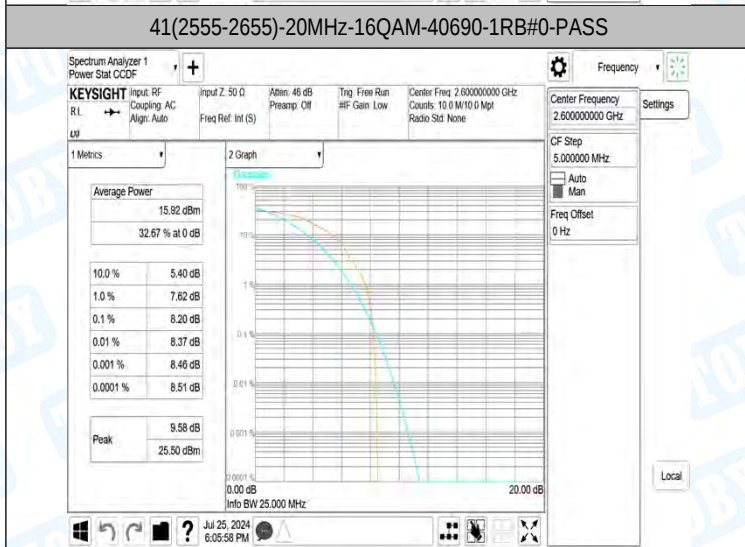
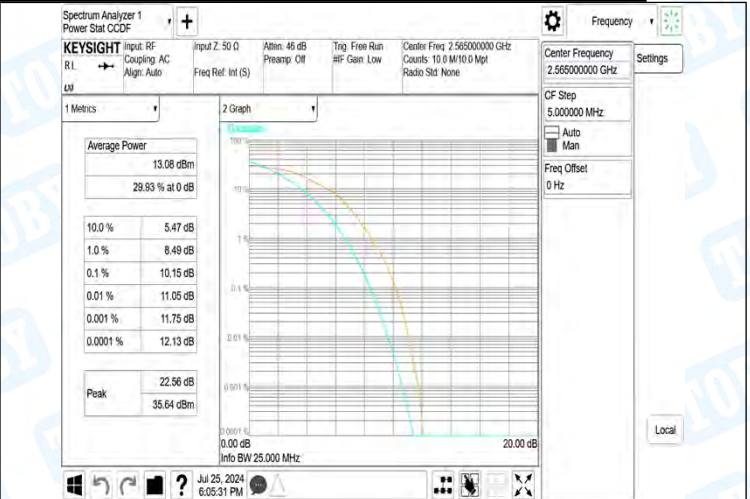
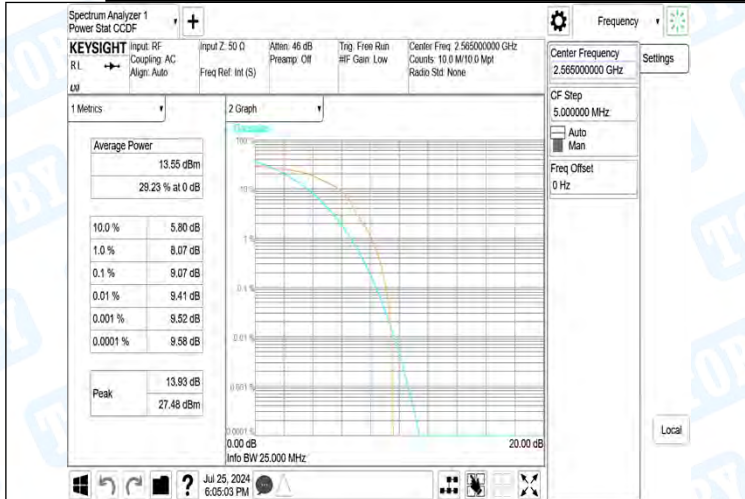












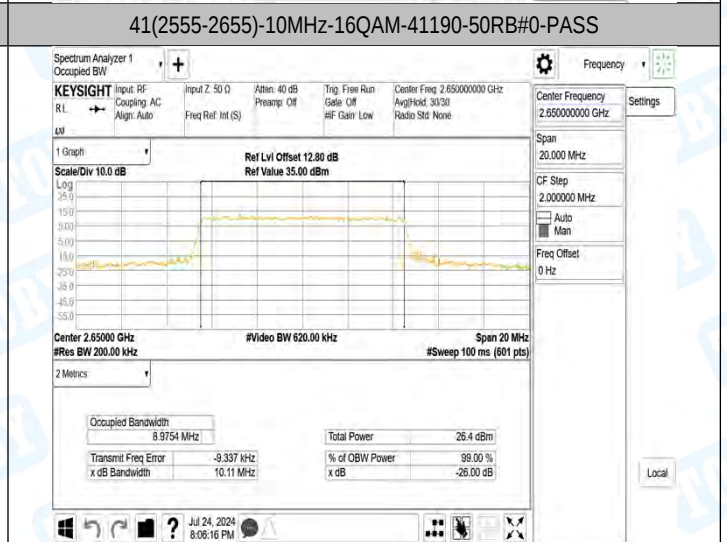
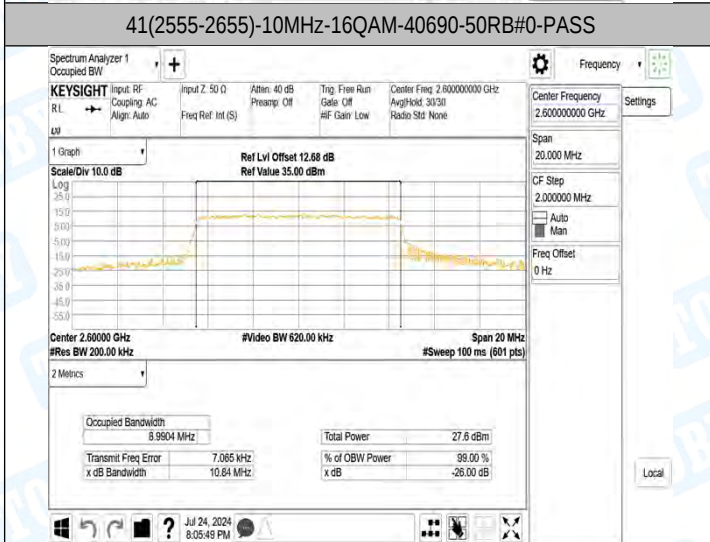
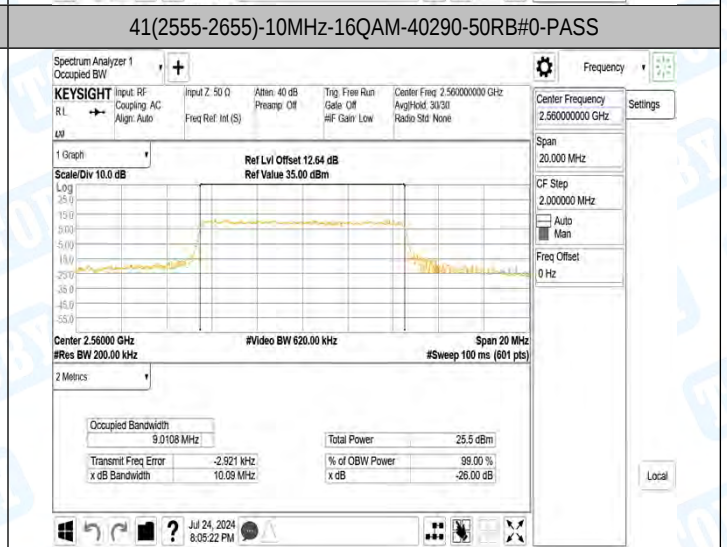
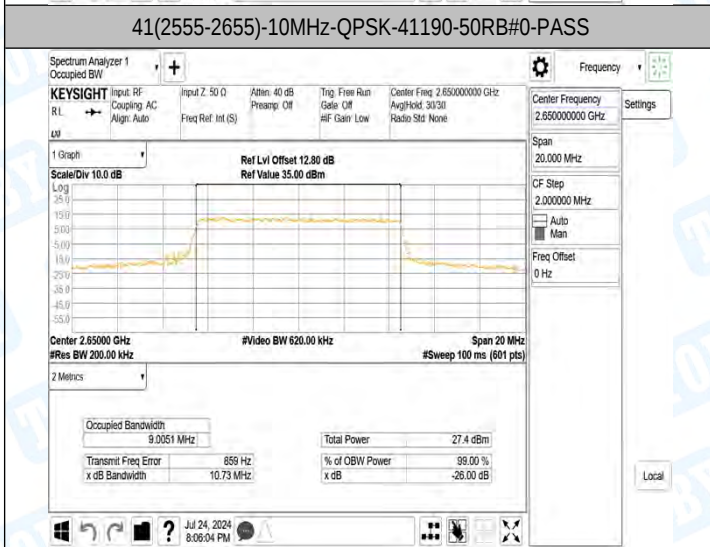
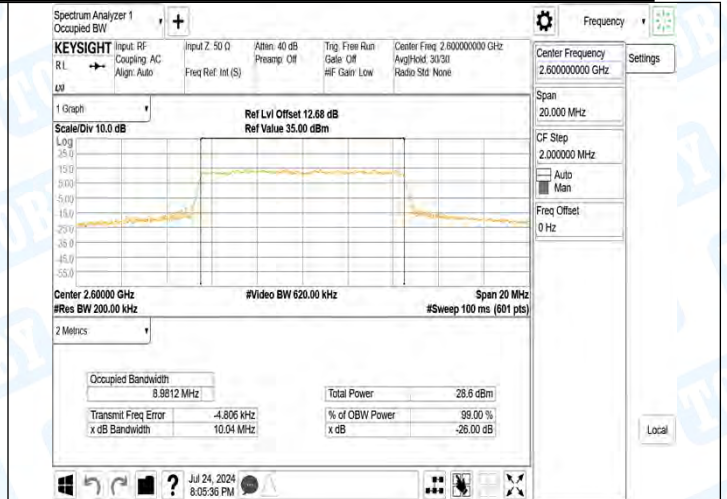
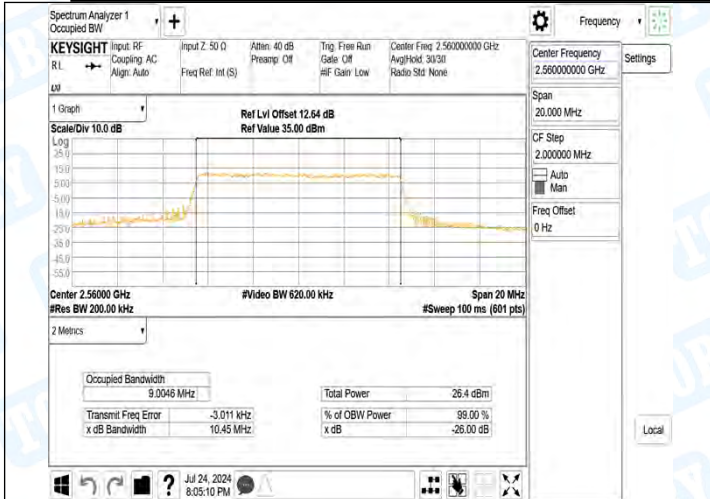
3: 26dB Bandwidth and Occupied Bandwidth

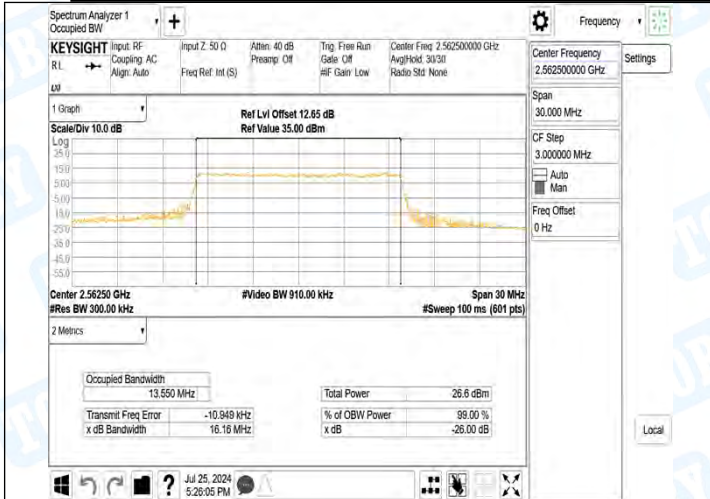
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
41(2555-2655)	5MHz	QPSK	40265	25RB#0	4.5039	5.255	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	4.4912	4.958	PASS
41(2555-2655)	5MHz	QPSK	41215	25RB#0	4.4928	5.081	PASS
41(2555-2655)	5MHz	16QAM	40265	25RB#0	4.4926	5.191	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	4.4936	5.189	PASS
41(2555-2655)	5MHz	16QAM	41215	25RB#0	4.4971	5.176	PASS
41(2555-2655)	10MHz	QPSK	40290	50RB#0	9.0046	10.45	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	8.9812	10.04	PASS
41(2555-2655)	10MHz	QPSK	41190	50RB#0	9.0051	10.73	PASS
41(2555-2655)	10MHz	16QAM	40290	50RB#0	9.0108	10.09	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	8.9904	10.84	PASS
41(2555-2655)	10MHz	16QAM	41190	50RB#0	8.9754	10.11	PASS
41(2555-2655)	15MHz	QPSK	40315	75RB#0	13.550	16.16	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	13.448	15.03	PASS
41(2555-2655)	15MHz	QPSK	41165	75RB#0	13.520	15.25	PASS
41(2555-2655)	15MHz	16QAM	40315	75RB#0	13.529	16.48	PASS
41(2555-2655)	15MHz	16QAM	40690	75RB#0	13.507	16.35	PASS
41(2555-2655)	15MHz	16QAM	41165	75RB#0	13.503	15.52	PASS
41(2555-2655)	20MHz	QPSK	40340	100RB#0	18.034	21.17	PASS
41(2555-2655)	20MHz	QPSK	40690	100RB#0	17.935	19.97	PASS
41(2555-2655)	20MHz	QPSK	41140	100RB#0	17.987	20.36	PASS
41(2555-2655)	20MHz	16QAM	40340	100RB#0	17.990	20.19	PASS
41(2555-2655)	20MHz	16QAM	40690	100RB#0	17.919	19.64	PASS
41(2555-2655)	20MHz	16QAM	41140	100RB#0	17.945	20.21	PASS

Test Graphs

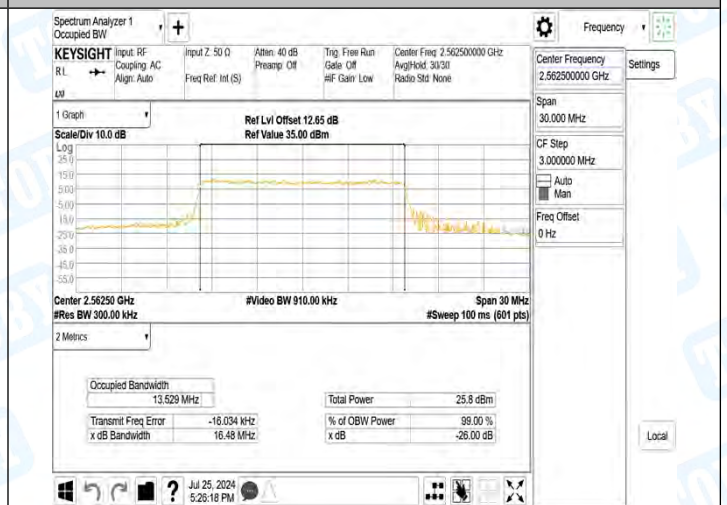
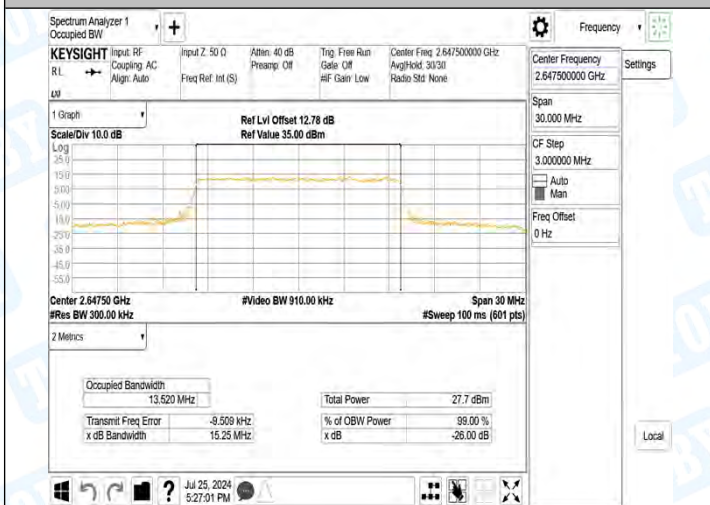






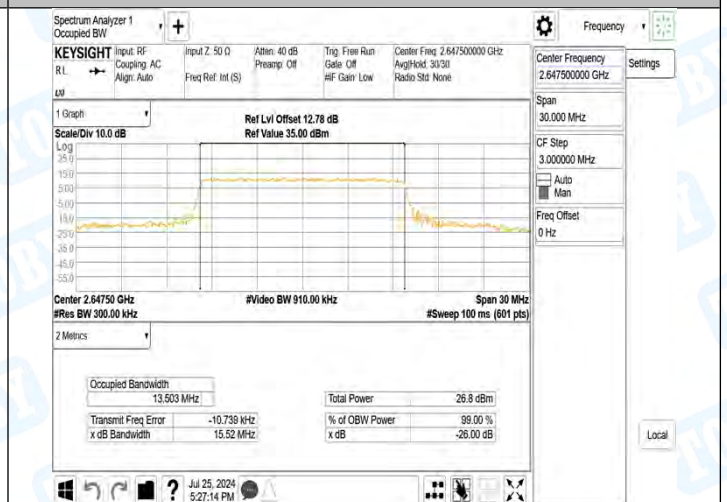
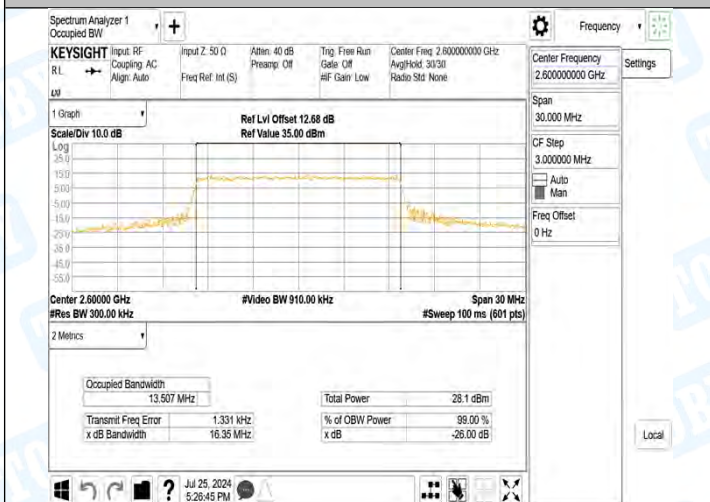
41(2555-2655)-15MHz-QPSK-41165-75RB#0-PASS

41(2555-2655)-15MHz-16QAM-40315-75RB#0-PASS



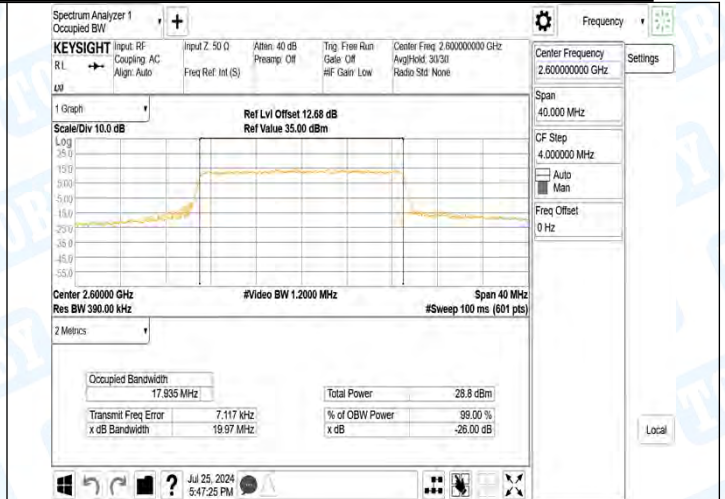
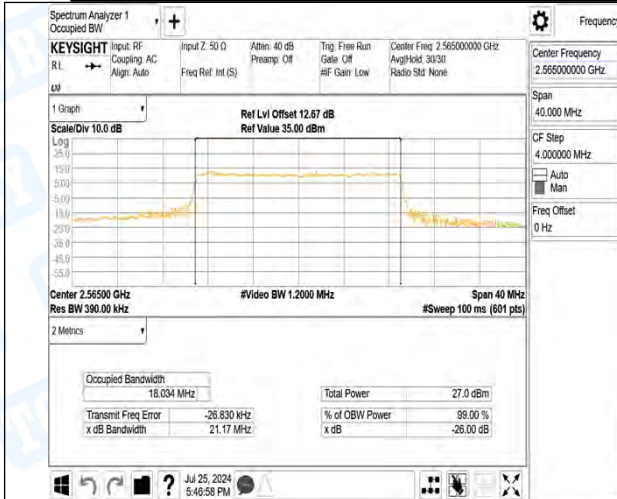
41(2555-2655)-15MHz-16QAM-40690-75RB#0-PASS

41(2555-2655)-15MHz-16QAM-41165-75RB#0-PASS



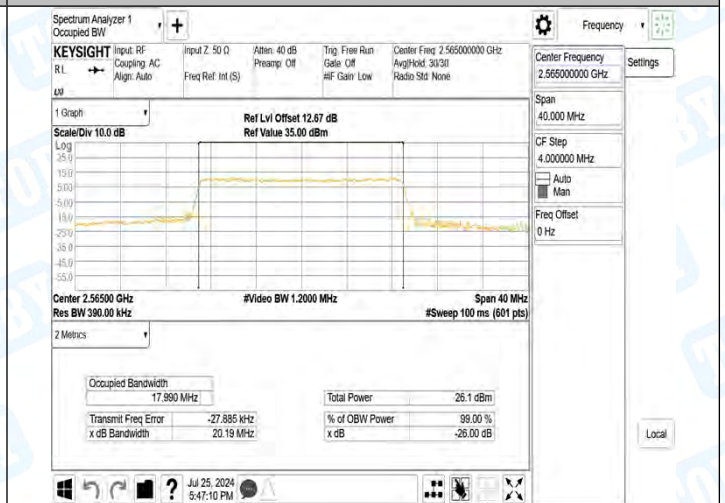
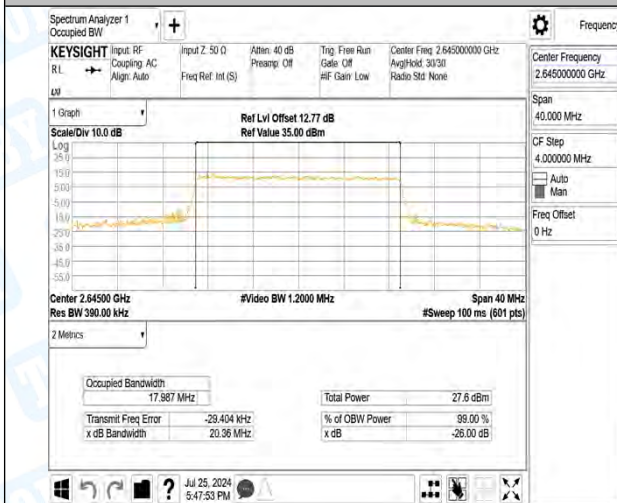
41(2555-2655)-20MHz-QPSK-40340-100RB#0-PASS

41(2555-2655)-20MHz-QPSK-40690-100RB#0-PASS



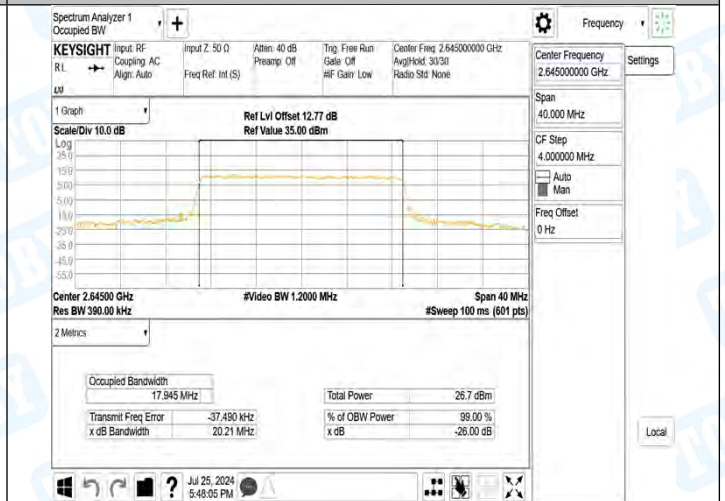
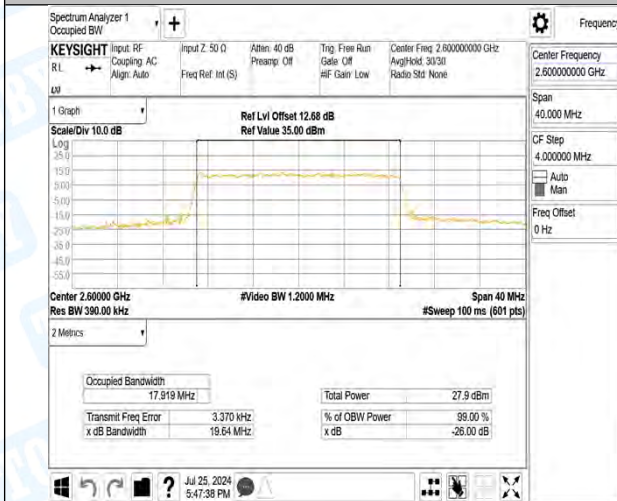
41(2555-2655)-20MHz-QPSK-41140-100RB#0-PASS

41(2555-2655)-20MHz-16QAM-40340-100RB#0-PASS



41(2555-2655)-20MHz-16QAM-40690-100RB#0-PASS

41(2555-2655)-20MHz-16QAM-41140-100RB#0-PASS



4: Band Edge

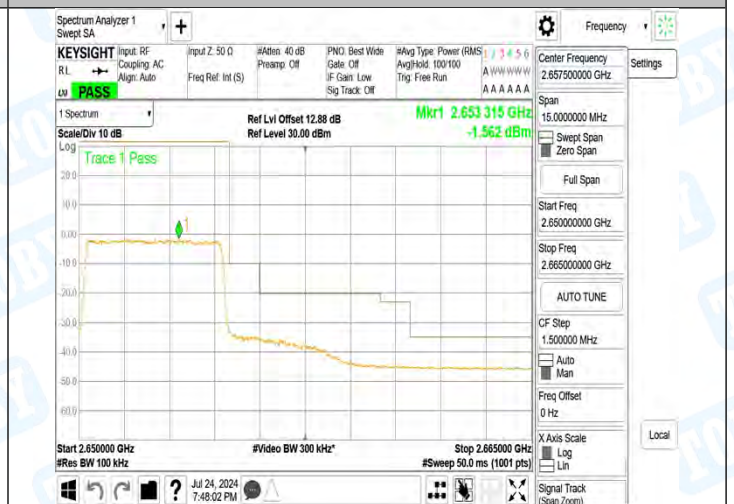
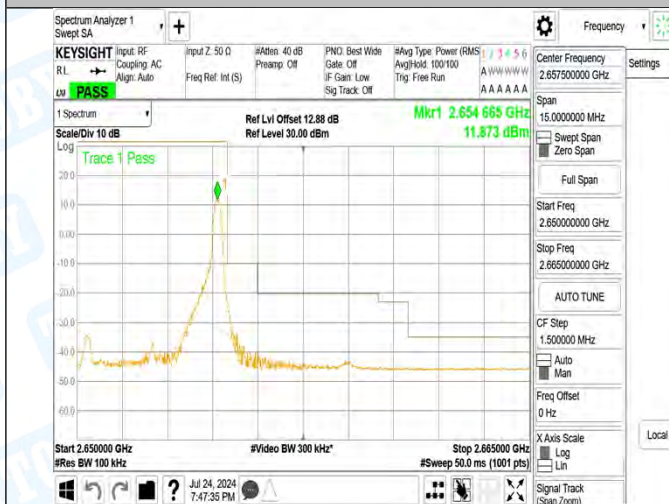
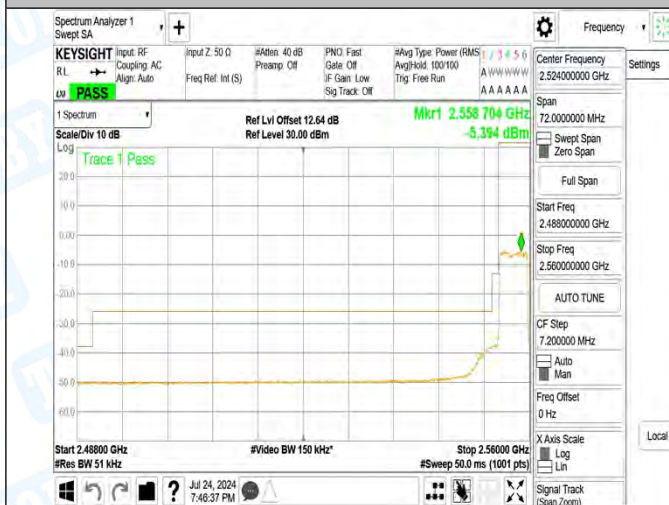
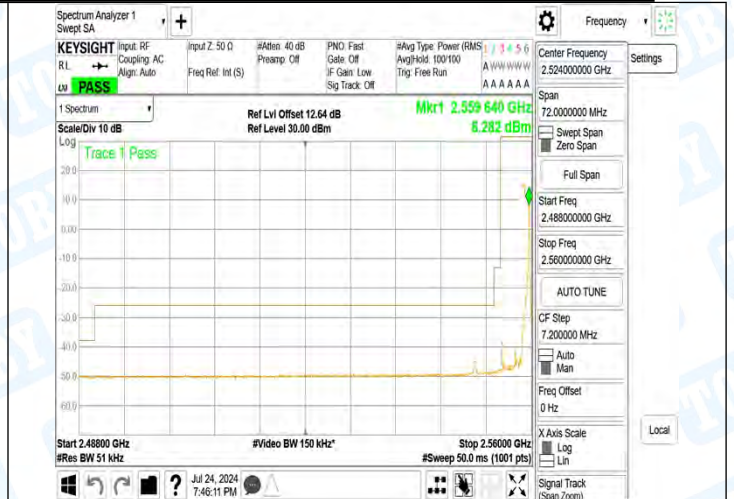
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Level_dBm	Margin	Verdict
41(2555-2655)	5MHz	QPSK	40265	1RB#0	-49.74	11.84	PASS
41(2555-2655)	5MHz	QPSK	40265	1RB#24	-49.86	11.96	PASS
41(2555-2655)	5MHz	QPSK	40265	25RB#0	-50.01	12.11	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	-45.51	10.51	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#24	-45.41	10.41	PASS
41(2555-2655)	5MHz	QPSK	41215	25RB#0	-45.04	10.04	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	-49.87	11.97	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#24	-49.85	11.95	PASS
41(2555-2655)	5MHz	16QAM	40265	25RB#0	-37.61	11.71	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	-45.52	10.52	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#24	-45.44	10.44	PASS
41(2555-2655)	5MHz	16QAM	41215	25RB#0	-44.99	9.99	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	-47.16	12.16	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#49	-47.01	12.01	PASS
41(2555-2655)	10MHz	QPSK	40290	50RB#0	-46.87	11.87	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	-42.56	10.56	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#49	-42.55	10.55	PASS
41(2555-2655)	10MHz	QPSK	41190	50RB#0	-42.04	10.04	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	-47.15	12.15	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#49	-47.03	12.03	PASS
41(2555-2655)	10MHz	16QAM	40290	50RB#0	-47.00	12.00	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	-42.56	10.56	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#49	-42.38	10.38	PASS
41(2555-2655)	10MHz	16QAM	41190	50RB#0	-42.16	10.16	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	-45.31	12.11	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#74	-45.49	12.29	PASS
41(2555-2655)	15MHz	QPSK	40315	75RB#0	-33.35	12.15	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	-40.96	10.76	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#74	-40.97	10.77	PASS
41(2555-2655)	15MHz	QPSK	41165	75RB#0	-40.14	9.94	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	-45.43	12.23	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#74	-45.45	12.25	PASS
41(2555-2655)	15MHz	16QAM	40315	75RB#0	-45.42	12.22	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	-40.89	10.69	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#74	-40.96	10.76	PASS
41(2555-2655)	15MHz	16QAM	41165	75RB#0	-40.34	10.14	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	-44.26	12.26	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#99	-44.39	12.39	PASS
41(2555-2655)	20MHz	QPSK	40340	100RB#0	-44.17	12.17	PASS

41(2555-2655)	20MHz	QPSK	41140	1RB#0	-39.80	10.70	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#99	-39.75	10.65	PASS
41(2555-2655)	20MHz	QPSK	41140	100RB#0	-39.46	10.36	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	-44.22	12.22	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#99	-44.33	12.33	PASS
41(2555-2655)	20MHz	16QAM	40340	100RB#0	-44.32	12.32	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	-39.73	10.63	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#99	-39.79	10.69	PASS
41(2555-2655)	20MHz	16QAM	41140	100RB#0	-39.42	10.32	PASS

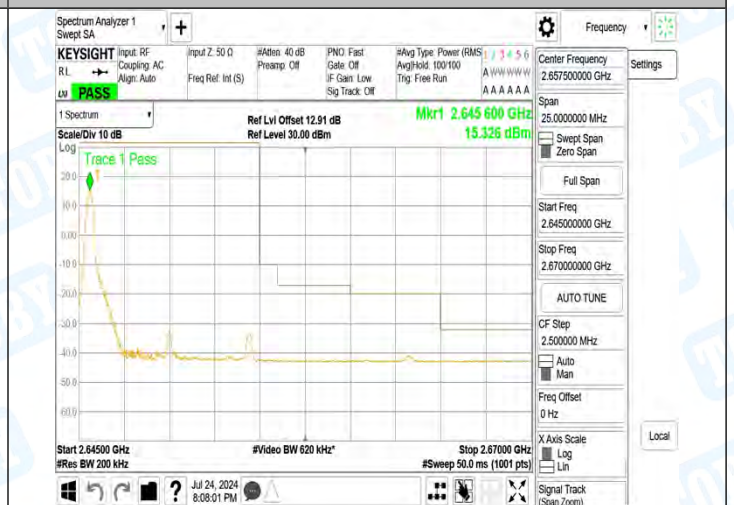
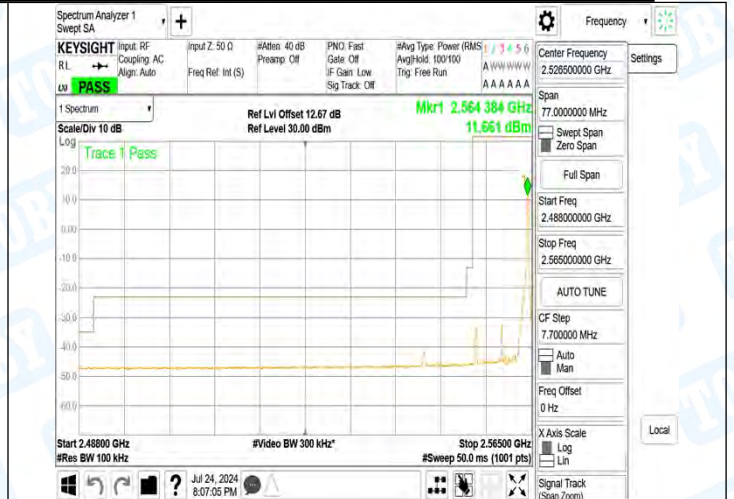
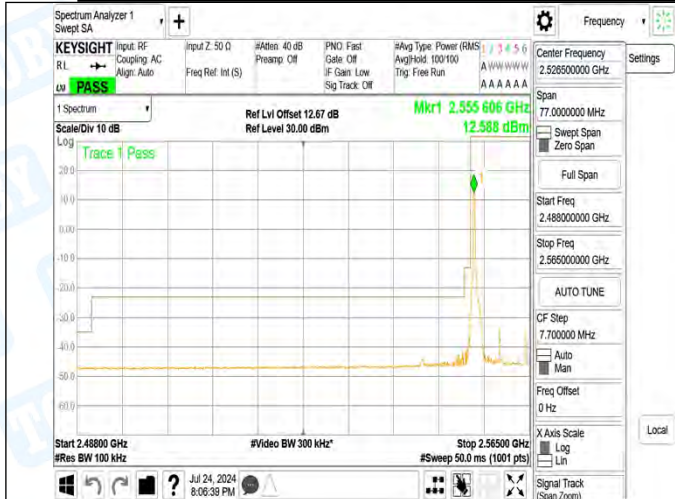
Test Graphs





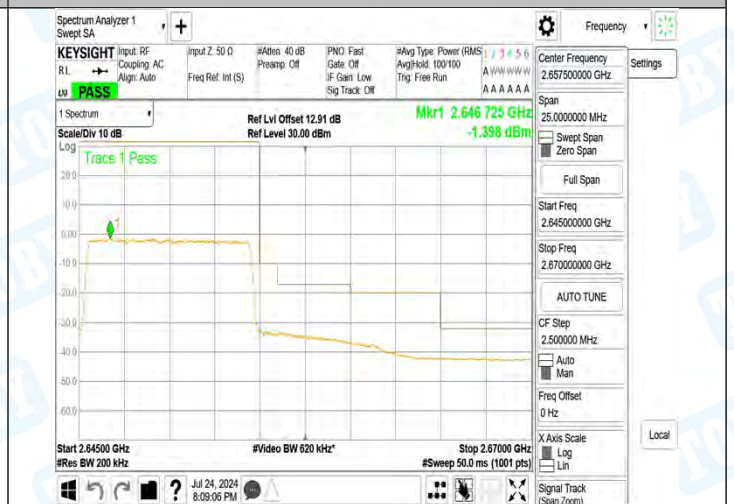
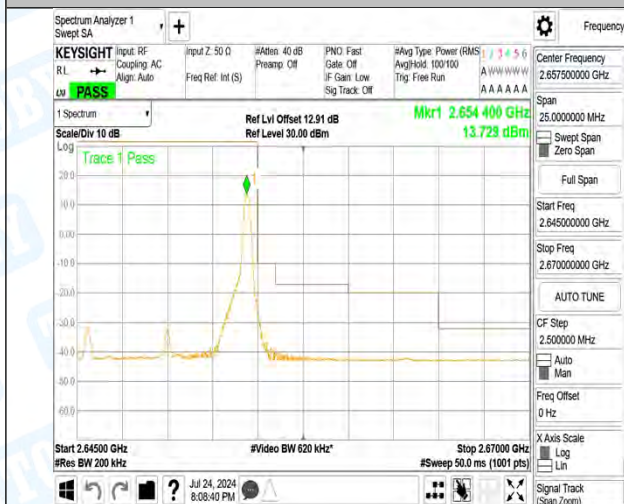
Band41_10MHz_QPSK_40290_1RB#0

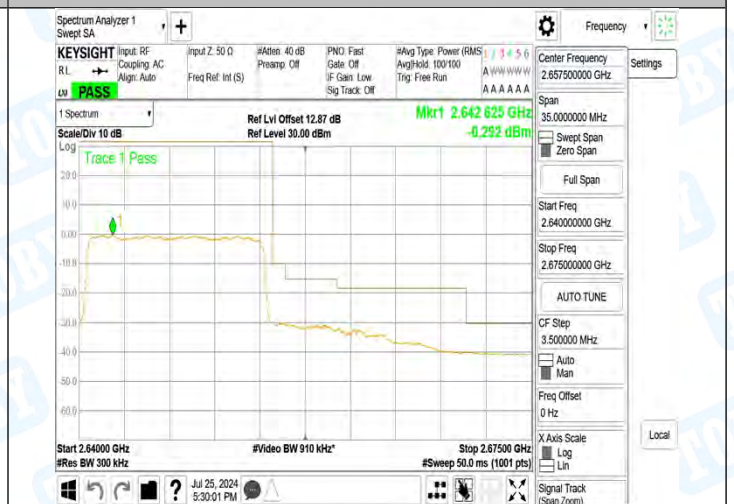
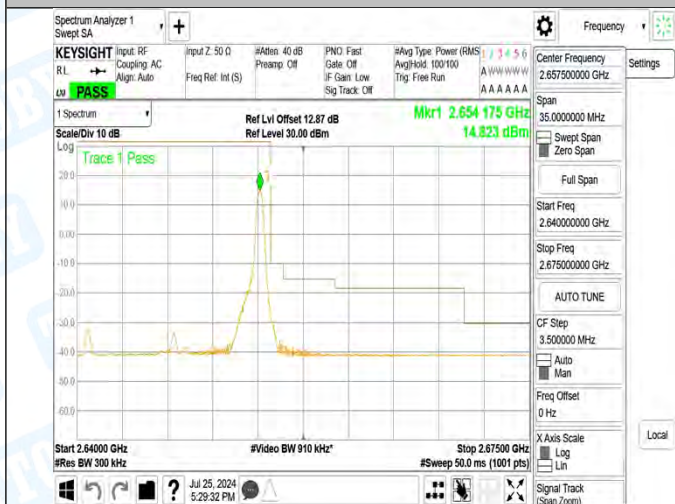
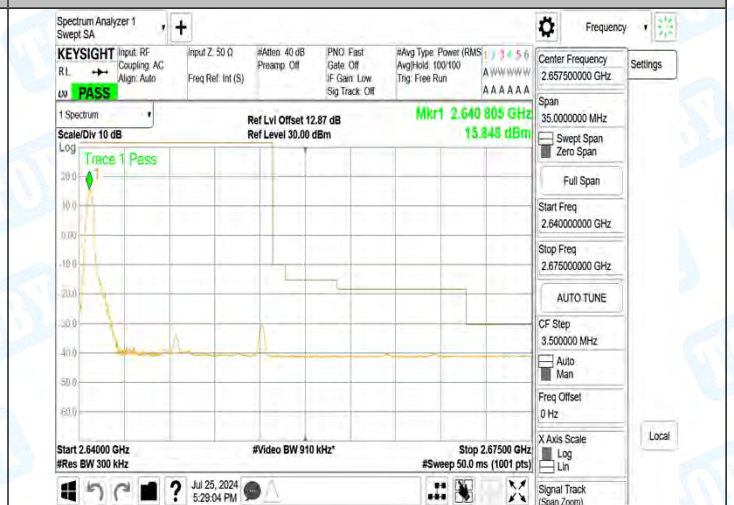
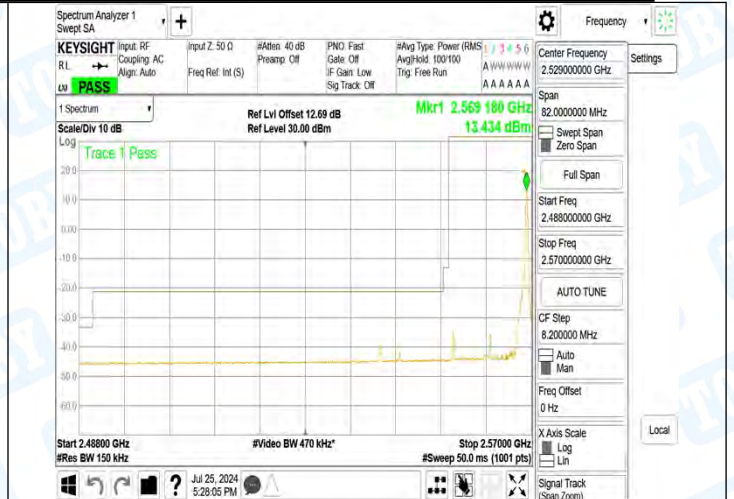
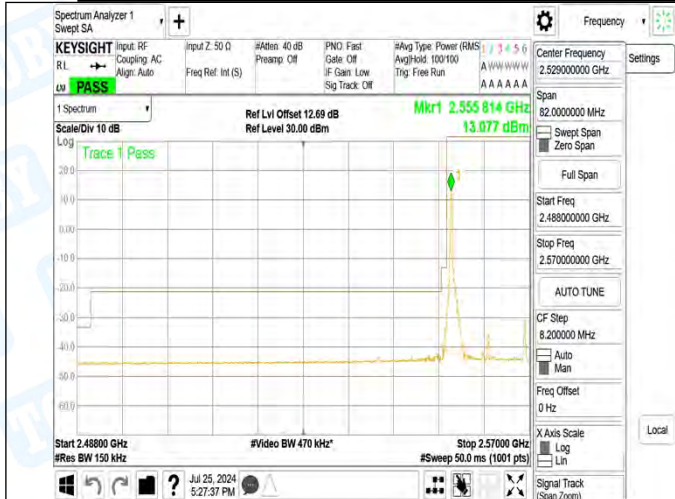
Band41_10MHz_QPSK_40290_1RB#49



Band41_10MHz_16QAM_40290_1RB#0

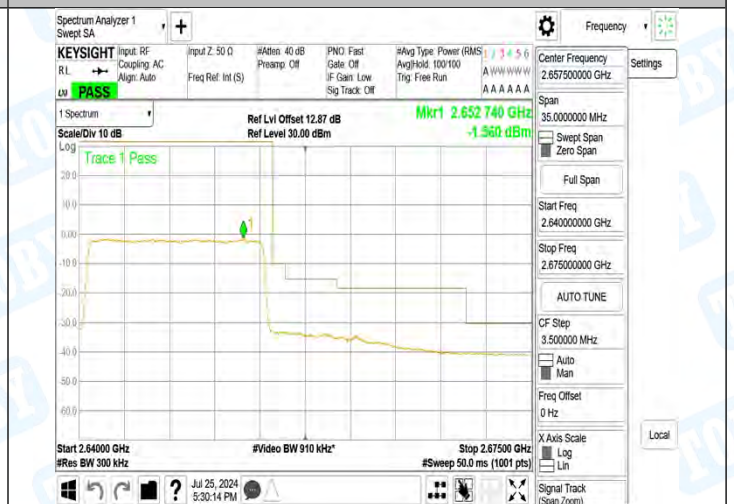
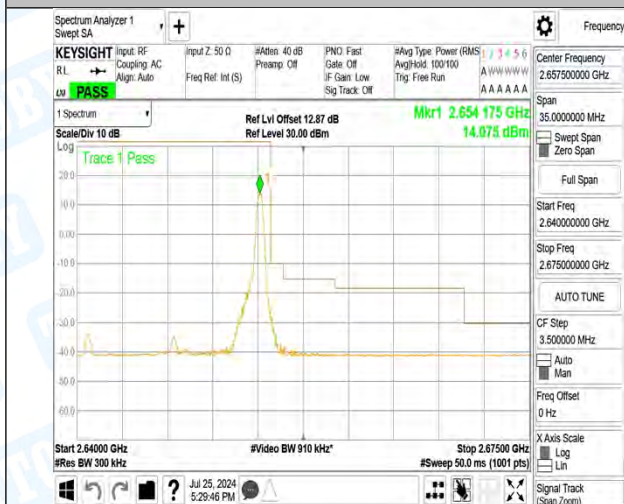
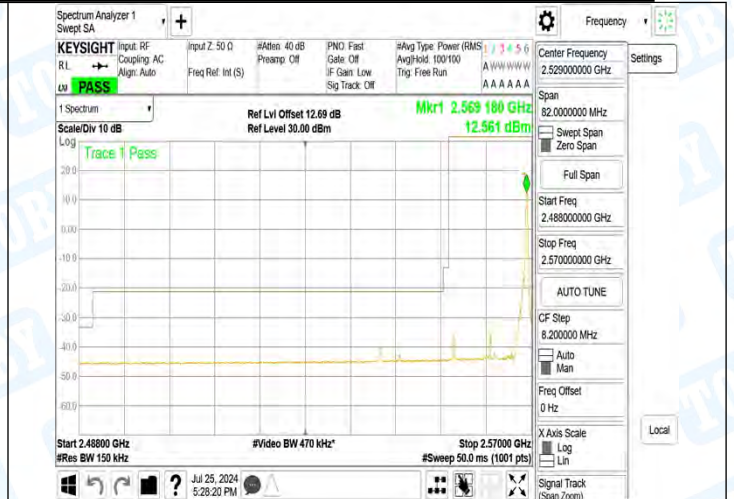
Band41_10MHz_16QAM_40290_1RB#49

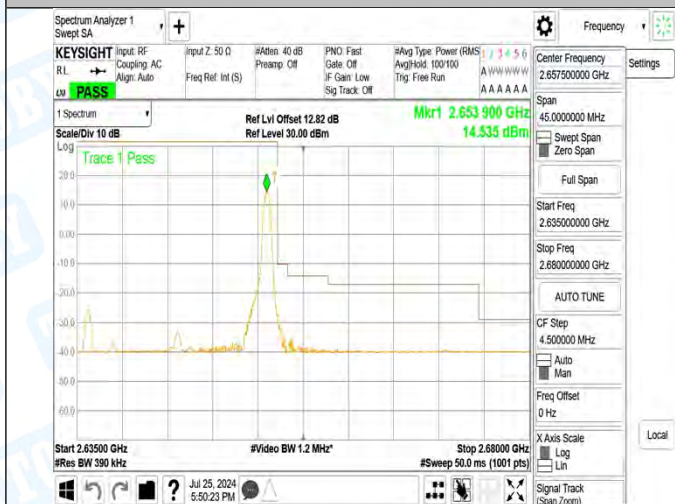
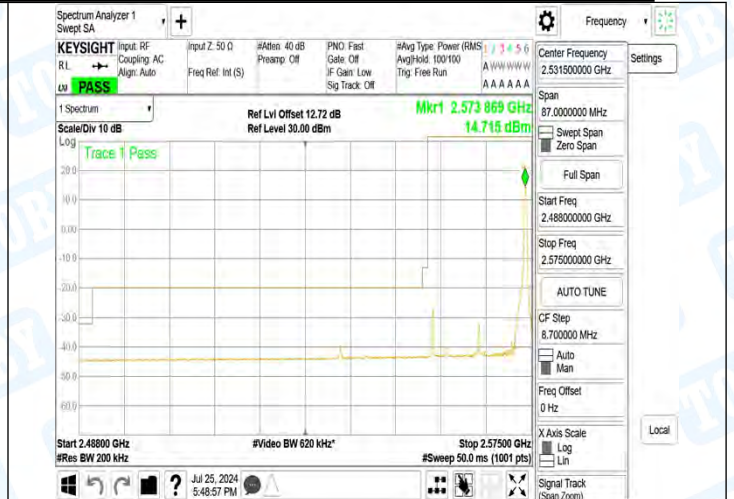
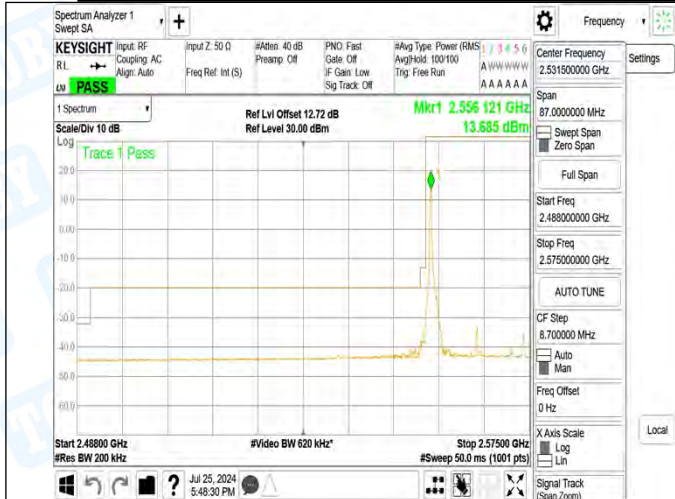




Band41_15MHz_16QAM_40315_1RB#0

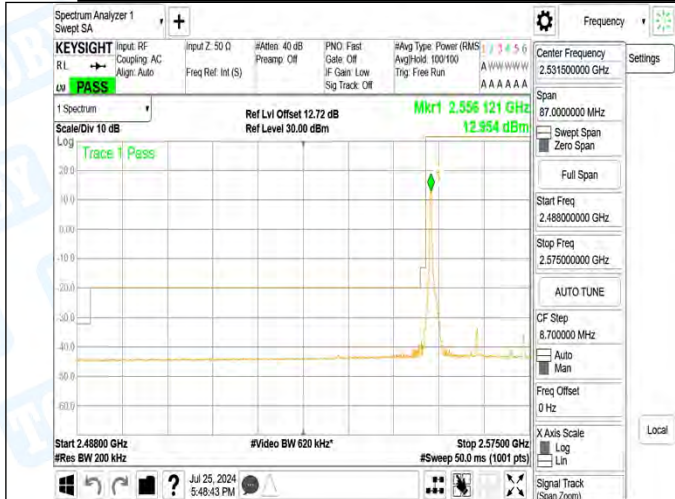
Band41_15MHz_16QAM_40315_1RB#74



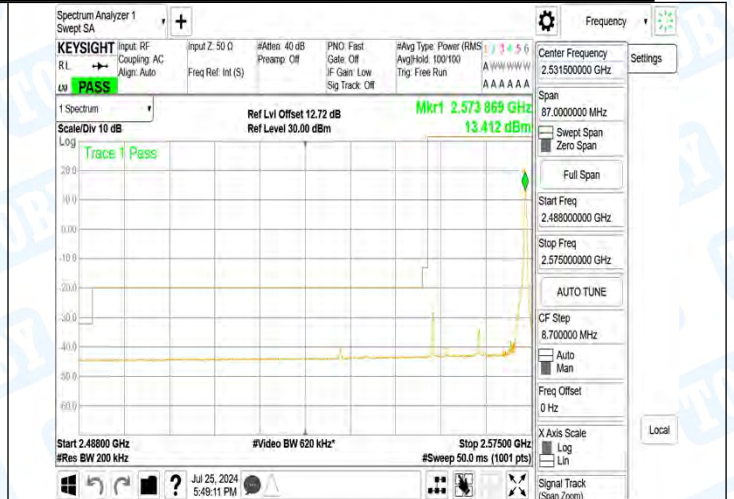


Band41_20MHz_16QAM_40340_1RB#0

Band41_20MHz_16QAM_40340_1RB#99



Band41_20MHz_16QAM_40340_100RB#0



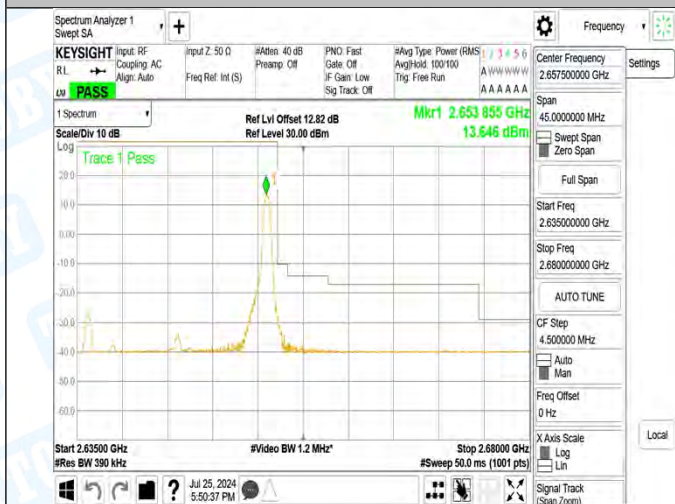
Band41_20MHz_16QAM_41140_1RB#0



Band41_20MHz_16QAM_41140_1RB#99



Band41_20MHz_16QAM_41140_100RB#0



5: Conducted Spurious Emission

Test Result

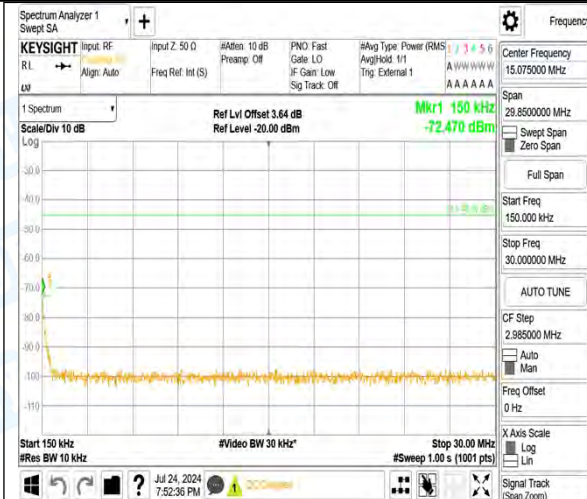
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Frequency	Value(dBm)	Limit (dBm)	Verdict
41(2555-2655)	5MHz	QPSK	40265	1RB#0	0.009~0.15	0.02	-67.79	-55.0	PASS
41(2555-2655)	5MHz	QPSK	40265	1RB#0	0.15~30	0.18	-75.17	-45.0	PASS
41(2555-2655)	5MHz	QPSK	40265	1RB#0	30~1000	929.19	-79.96	-35.0	PASS
41(2555-2655)	5MHz	QPSK	40265	1RB#0	1000~20000	2579.85	-31.97	-25.0	PASS
41(2555-2655)	5MHz	QPSK	40265	1RB#0	20000~27000	24782.05	-46.55	-25.0	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#0	0.009~0.15	0.02	-71.75	-55.0	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#0	0.15~30	0.15	-72.47	-45.0	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#0	30~1000	36.79	-52.92	-35.0	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#0	1000~20000	5195.20	-35.06	-25.0	PASS
41(2555-2655)	5MHz	QPSK	40690	1RB#0	20000~27000	24771.90	-46.61	-25.0	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	0.009~0.15	0.02	-70.46	-55.0	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	0.15~30	0.15	-71.15	-45.0	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	30~1000	89.66	-59.47	-35.0	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	1000~20000	18974.00	-41.79	-25.0	PASS
41(2555-2655)	5MHz	QPSK	41215	1RB#0	20000~27000	24737.95	-46.42	-25.0	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	0.009~0.15	0.03	-71.41	-55.0	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	0.15~30	0.15	-70.44	-45.0	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	30~1000	869.05	-80.21	-35.0	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	1000~20000	2579.85	-32.38	-25.0	PASS
41(2555-2655)	5MHz	16QAM	40265	1RB#0	20000~27000	24742.15	-46.52	-25.0	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#0	0.009~0.15	0.02	-70.63	-55.0	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#0	0.15~30	0.15	-74.32	-45.0	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#0	30~1000	36.79	-54.90	-35.0	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#0	1000~20000	5195.20	-36.96	-25.0	PASS
41(2555-2655)	5MHz	16QAM	40690	1RB#0	20000~27000	24763.50	-46.47	-25.0	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	0.009~0.15	0.02	-69.73	-55.0	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	0.15~30	0.15	-70.04	-45.0	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	30~1000	89.17	-58.96	-35.0	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	1000~20000	18979.70	-42.31	-25.0	PASS
41(2555-2655)	5MHz	16QAM	41215	1RB#0	20000~27000	24702.60	-46.62	-25.0	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	0.009~0.15	0.02	-70.78	-55.0	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	0.15~30	0.15	-71.01	-45.0	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	30~1000	934.04	-80.13	-35.0	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	1000~20000	5111.13	-33.06	-25.0	PASS
41(2555-2655)	10MHz	QPSK	40290	1RB#0	20000~27000	24777.15	-46.37	-25.0	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#0	0.009~0.15	0.02	-70.07	-55.0	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#0	0.15~30	0.15	-70.96	-45.0	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#0	30~1000	34.85	-55.65	-35.0	PASS
41(2555-2655)	10MHz	QPSK	40690	1RB#0	1000~20000	5190.93	-34.87	-25.0	PASS

41(2555-2655)	10MHz	QPSK	40690	1RB#0	20000~27000	24786.95	-46.75	-25.0	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	0.009~0.15	0.02	-71.18	-55.0	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	0.15~30	0.15	-72.50	-45.0	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	30~1000	84.32	-57.44	-35.0	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	1000~20000	5291.15	-35.96	-25.0	PASS
41(2555-2655)	10MHz	QPSK	41190	1RB#0	20000~27000	24750.90	-46.34	-25.0	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	0.009~0.15	0.01	-70.03	-55.0	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	0.15~30	0.15	-72.19	-45.0	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	30~1000	776.42	-79.50	-35.0	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	1000~20000	5111.13	-34.69	-25.0	PASS
41(2555-2655)	10MHz	16QAM	40290	1RB#0	20000~27000	24727.80	-46.71	-25.0	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#0	0.009~0.15	0.02	-68.13	-55.0	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#0	0.15~30	0.15	-75.38	-45.0	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#0	30~1000	34.37	-53.46	-35.0	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#0	1000~20000	5191.40	-33.21	-25.0	PASS
41(2555-2655)	10MHz	16QAM	40690	1RB#0	20000~27000	24746.70	-46.56	-25.0	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	0.009~0.15	0.02	-70.31	-55.0	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	0.15~30	0.15	-72.33	-45.0	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	30~1000	84.32	-59.83	-35.0	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	1000~20000	5291.15	-36.95	-25.0	PASS
41(2555-2655)	10MHz	16QAM	41190	1RB#0	20000~27000	24800.60	-46.54	-25.0	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	0.009~0.15	0.02	-67.72	-55.0	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	0.15~30	0.15	-70.18	-45.0	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	30~1000	904.46	-77.47	-35.0	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	1000~20000	5111.60	-28.69	-25.0	PASS
41(2555-2655)	15MHz	QPSK	40315	1RB#0	20000~27000	24721.85	-46.57	-25.0	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#0	0.009~0.15	0.02	-69.94	-55.0	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#0	0.15~30	0.15	-73.81	-45.0	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#0	30~1000	32.43	-56.19	-35.0	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#0	1000~20000	5186.65	-30.64	-25.0	PASS
41(2555-2655)	15MHz	QPSK	40690	1RB#0	20000~27000	24757.90	-46.62	-25.0	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	0.009~0.15	0.02	-71.10	-55.0	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	0.15~30	0.15	-71.84	-45.0	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	30~1000	79.96	-57.25	-35.0	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	1000~20000	5281.65	-30.39	-25.0	PASS
41(2555-2655)	15MHz	QPSK	41165	1RB#0	20000~27000	24757.90	-46.49	-25.0	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	0.009~0.15	0.02	-72.25	-55.0	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	0.15~30	0.15	-73.41	-45.0	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	30~1000	134.28	-79.05	-35.0	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	1000~20000	5111.60	-30.53	-25.0	PASS
41(2555-2655)	15MHz	16QAM	40315	1RB#0	20000~27000	24727.10	-46.45	-25.0	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#0	0.009~0.15	0.02	-71.20	-55.0	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#0	0.15~30	0.15	-69.77	-45.0	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#0	30~1000	31.94	-56.54	-35.0	PASS

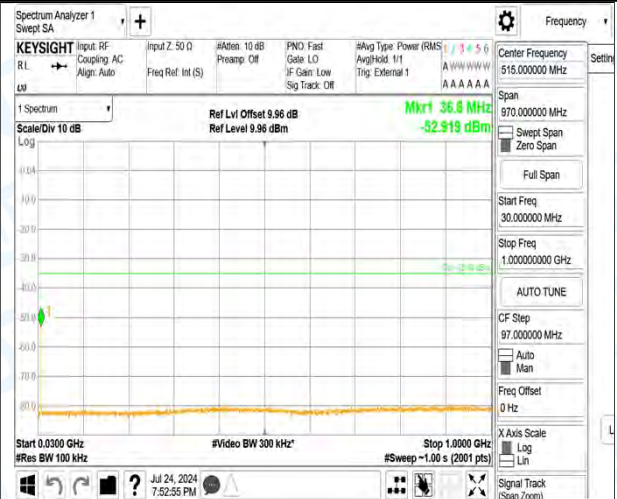
41(2555-2655)	15MHz	16QAM	40690	1RB#0	1000~20000	5186.65	-31.67	-25.0	PASS
41(2555-2655)	15MHz	16QAM	40690	1RB#0	20000~27000	24738.30	-46.40	-25.0	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	0.009~0.15	0.02	-69.51	-55.0	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	0.15~30	0.15	-70.71	-45.0	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	30~1000	79.47	-61.54	-35.0	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	1000~20000	5281.65	-31.45	-25.0	PASS
41(2555-2655)	15MHz	16QAM	41165	1RB#0	20000~27000	24763.50	-46.66	-25.0	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	0.009~0.15	0.02	-70.36	-55.0	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	0.15~30	0.15	-73.69	-45.0	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	30~1000	815.22	-80.16	-35.0	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	1000~20000	5112.08	-28.18	-25.0	PASS
41(2555-2655)	20MHz	QPSK	40340	1RB#0	20000~27000	24778.20	-46.44	-25.0	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#0	0.009~0.15	0.02	-70.81	-55.0	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#0	0.15~30	0.18	-71.65	-45.0	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#0	30~1000	30.49	-56.54	-35.0	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#0	1000~20000	5182.38	-29.93	-25.0	PASS
41(2555-2655)	20MHz	QPSK	40690	1RB#0	20000~27000	24737.60	-46.69	-25.0	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#0	0.009~0.15	0.02	-70.89	-55.0	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#0	0.15~30	0.15	-69.56	-45.0	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#0	30~1000	75.11	-56.46	-35.0	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#0	1000~20000	5272.15	-30.66	-25.0	PASS
41(2555-2655)	20MHz	QPSK	41140	1RB#0	20000~27000	24780.65	-46.68	-25.0	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	0.009~0.15	0.01	-70.19	-55.0	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	0.15~30	0.15	-70.55	-45.0	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	30~1000	903.97	-69.59	-35.0	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	1000~20000	5112.08	-28.87	-25.0	PASS
41(2555-2655)	20MHz	16QAM	40340	1RB#0	20000~27000	24690.70	-46.49	-25.0	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#0	0.009~0.15	0.02	-69.21	-55.0	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#0	0.15~30	0.15	-73.00	-45.0	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#0	30~1000	30.00	-55.77	-35.0	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#0	1000~20000	5181.90	-29.47	-25.0	PASS
41(2555-2655)	20MHz	16QAM	40690	1RB#0	20000~27000	24754.40	-45.83	-25.0	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	0.009~0.15	0.02	-68.27	-55.0	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	0.15~30	0.15	-70.34	-45.0	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	30~1000	75.11	-58.74	-35.0	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	1000~20000	5272.15	-31.61	-25.0	PASS
41(2555-2655)	20MHz	16QAM	41140	1RB#0	20000~27000	24731.65	-46.45	-25.0	PASS

Test Graphs

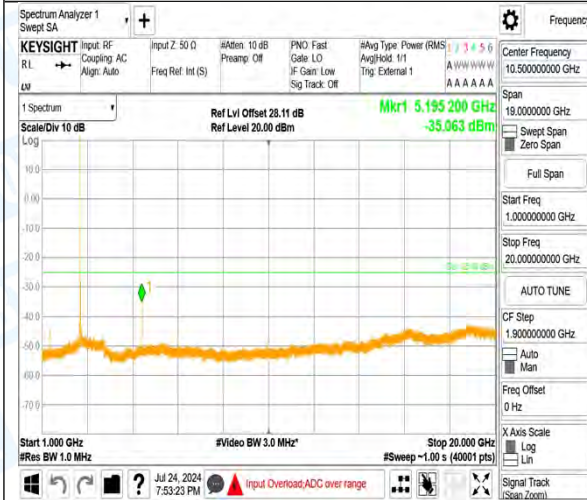




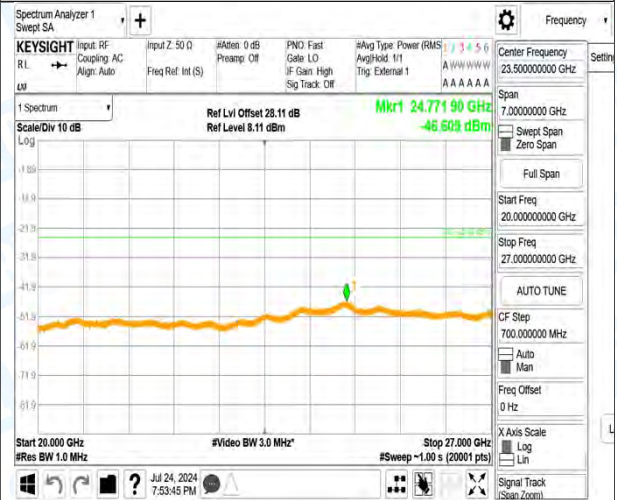
Band41_5MHz_QPSK_40690_1RB#0_1000~20000_1000~20000



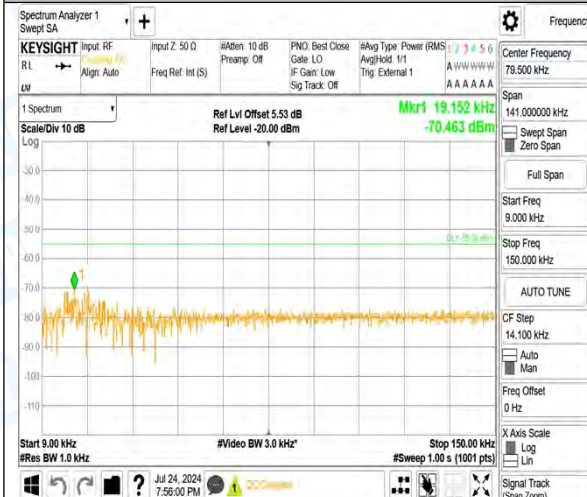
Band41_5MHz_QPSK_40690_1RB#0_20000~27000_20000~27000



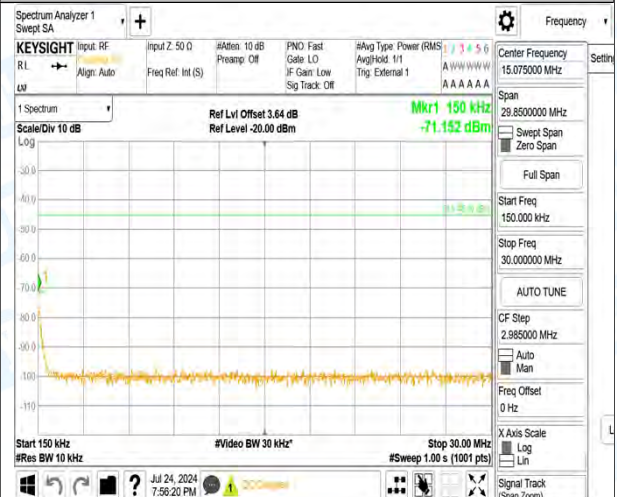
Band41_5MHz_QPSK_41215_1RB#0_0.009~0.15_0.009~0.15



Band41_5MHz_QPSK_41215_1RB#0_0.15~30_0.15~30



Band41_5MHz_QPSK_41215_1RB#0_30~1000_30~1000



Band41_5MHz_QPSK_41215_1RB#0_1000~20000_1000~20000



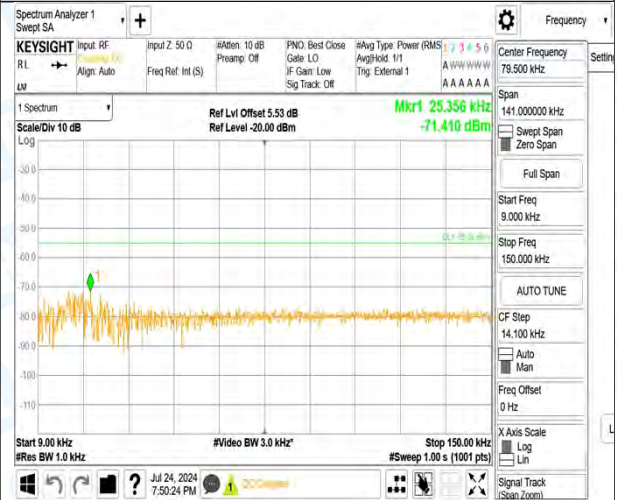
Band41_5MHz_QPSK_41215_1RB#0_20000-27000_20000-27000



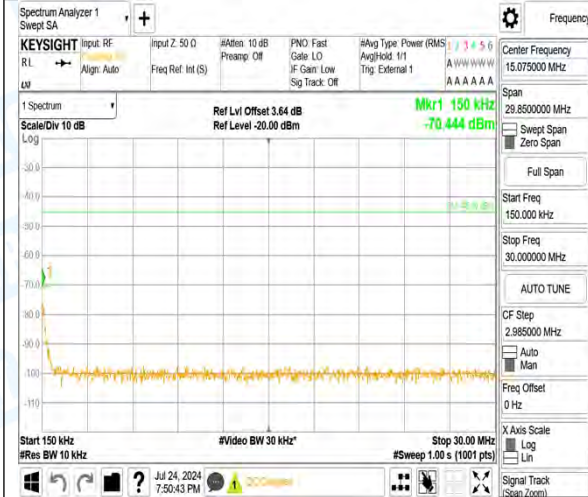
Band41_5MHz_16QAM_40265_1RB#0_0.009-0.15_0.009-0.15



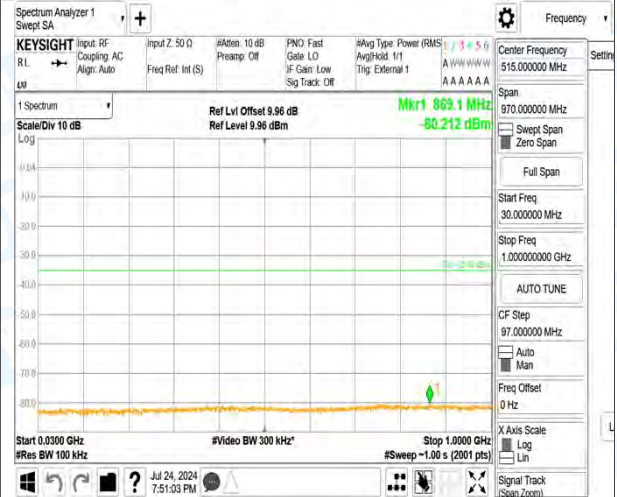
Band41_5MHz_16QAM_40265_1RB#0_0.15-30_0.15-30



Band41_5MHz_16QAM_40265_1RB#0_30-1000_30-1000



Band41_5MHz_16QAM_40265_1RB#0_1000-20000_1000-20000



Band41_5MHz_16QAM_40265_1RB#0_20000-27000_20000-27000

