

LTE Test Data

General Description of EUT	
Product Name:	Smart Watch
Test Model:	BH11
Sample ID:	HC-C-202412-0313-02-04#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 3.85V
Test Engineer:	Rick Chen
Note: For a more detailed features description, please refer to the report TBR-C-202412-0313-94 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
Band5	1.4MHz	QPSK	20407	1RB#0	24.18	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.21	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.13	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.15	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.18	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.12	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.01	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.15	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.99	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.99	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.97	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.08	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.99	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.06	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.22	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.09	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.27	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.29	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.36	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.26	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.62	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.67	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.50	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.64	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.53	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.79	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.79	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.72	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.26	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.38	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.98	PASS

Band5	1.4MHz	16QAM	20643	3RB#1	22.94	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.01	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.28	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.15	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.23	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.24	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.07	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.05	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.09	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.02	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.15	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.21	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.09	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.99	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.02	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.09	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.13	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.97	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.90	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.06	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.00	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.04	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.19	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.01	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.96	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.88	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.86	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.42	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.41	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.31	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.32	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.51	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.52	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.22	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.16	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.25	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.00	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.11	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.20	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.26	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.11	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.13	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.19	PASS

Band5	3MHz	16QAM	20635	15RB#0	22.08	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.15	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.12	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.17	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.13	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.13	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.14	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.20	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.89	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.08	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.22	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.00	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.99	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.11	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.17	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.20	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.10	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.16	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.27	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.20	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.05	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.99	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.55	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.57	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.53	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.17	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.16	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.18	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.24	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.13	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.20	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.12	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.08	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.10	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.23	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.17	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.84	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.77	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.79	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.07	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.09	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.98	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.05	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.09	PASS

Band5	10MHz	QPSK	20450	1RB#24	24.02	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.02	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.05	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.09	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.17	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.14	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.95	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.10	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.03	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.90	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.92	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.08	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.15	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.06	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.03	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.05	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.07	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.93	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.04	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.04	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.29	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.20	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.03	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.10	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.15	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.04	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.75	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.95	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.97	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.19	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.20	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.21	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.12	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.48	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.61	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.54	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.11	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.12	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.11	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.11	PASS

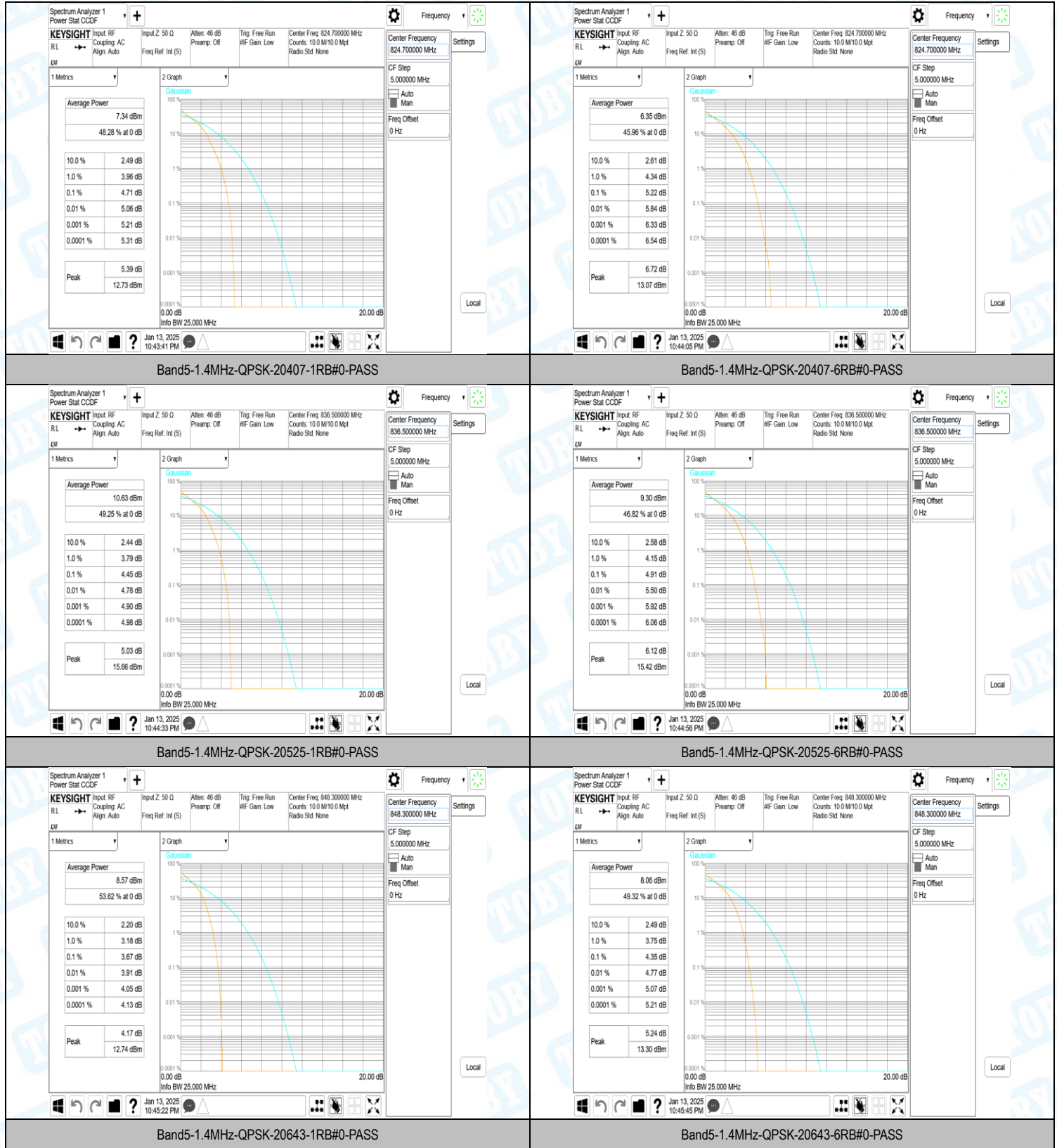
2: Peak-to-Average Ratio(CCDF)

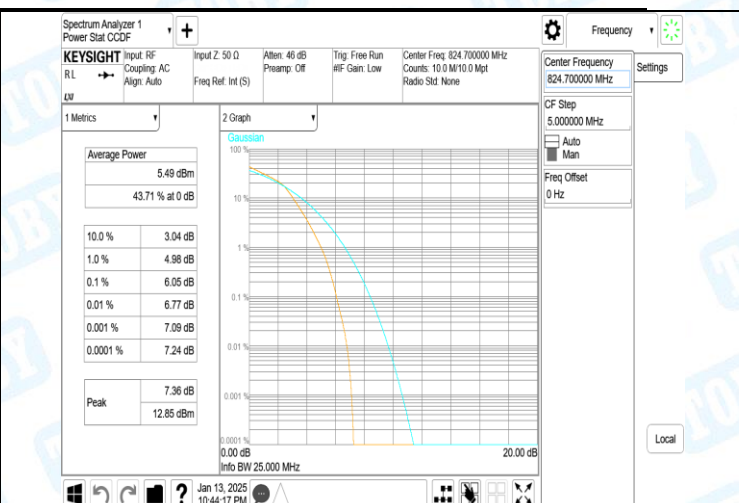
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.71	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.22	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.45	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.91	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.67	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.35	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.61	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.05	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.37	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.78	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.52	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.21	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.77	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.12	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.65	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.97	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.81	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.37	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.80	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.94	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.69	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.81	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.82	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.23	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.89	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.02	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.82	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.03	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.13	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.47	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.71	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.75	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.54	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.92	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.08	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.29	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.69	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.31	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.36	13	PASS

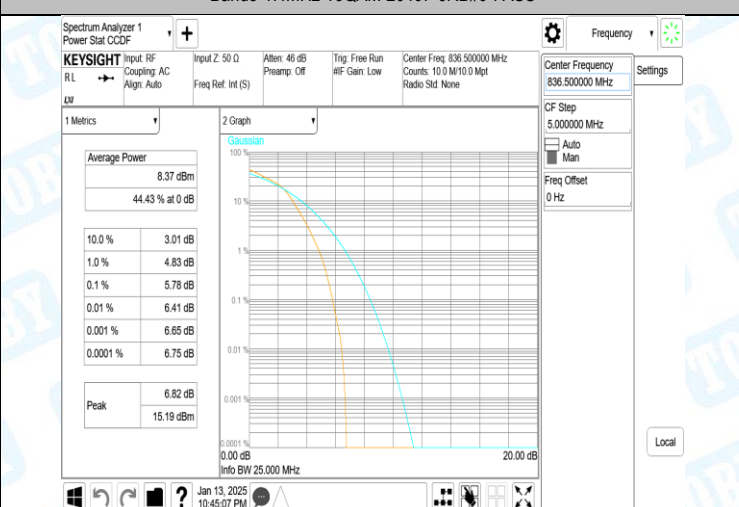
Band5	10MHz	QPSK	20525	50RB#0	5.10	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.25	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.92	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.01	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.18	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.02	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.15	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.65	13	PASS

Test Graphs

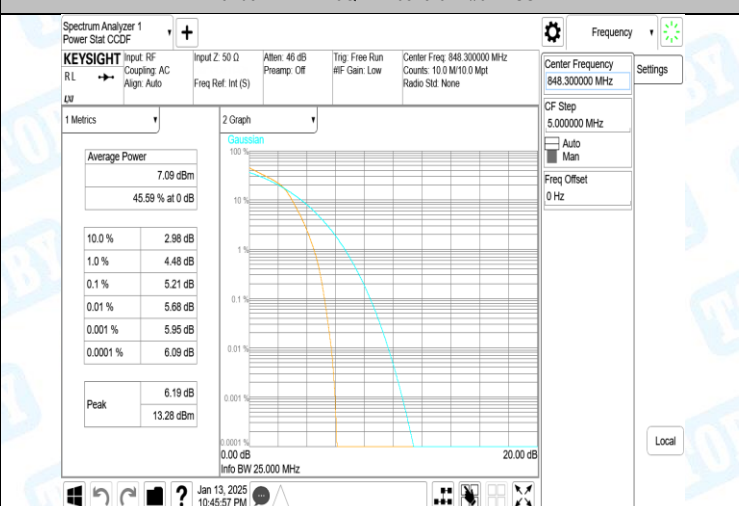




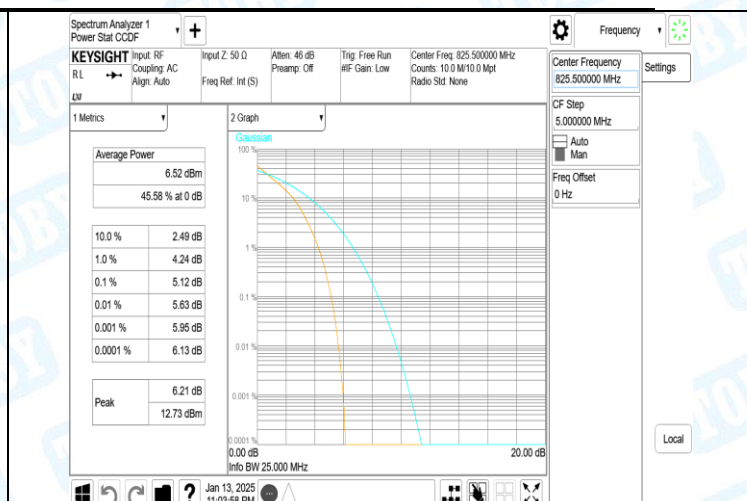
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



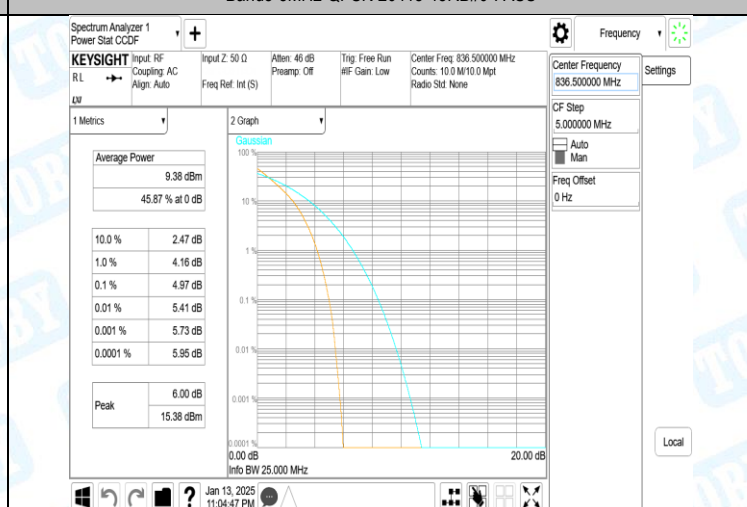
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



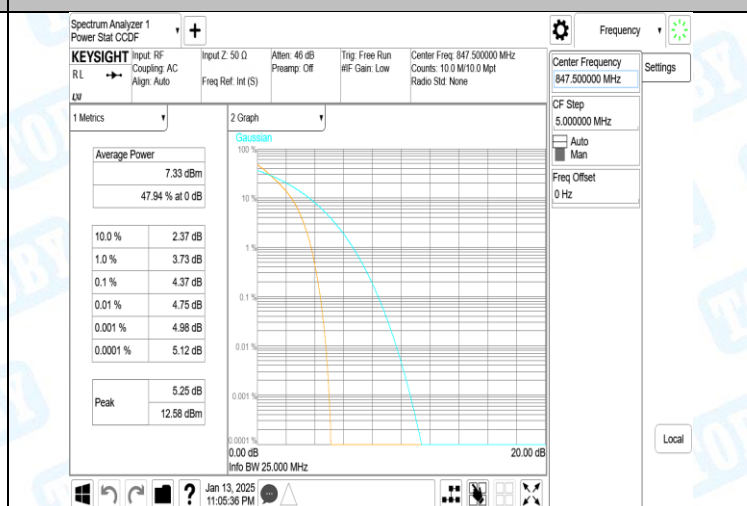
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



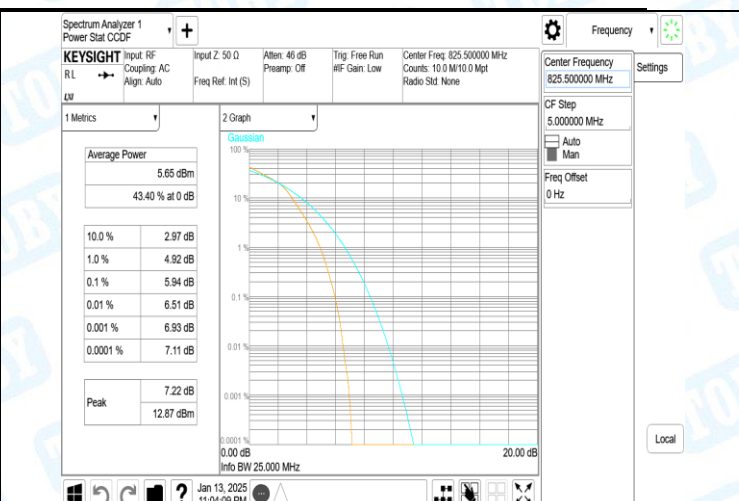
Band5-3MHz-QPSK-20415-15RB#0-PASS



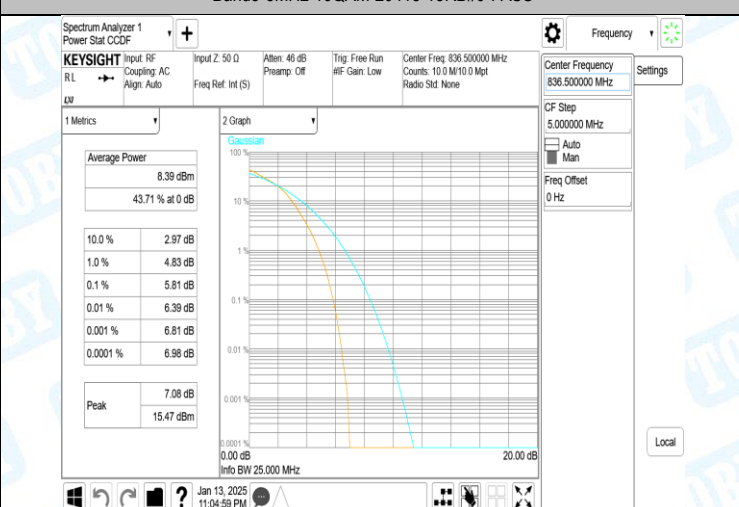
Band5-3MHz-QPSK-20525-15RB#0-PASS



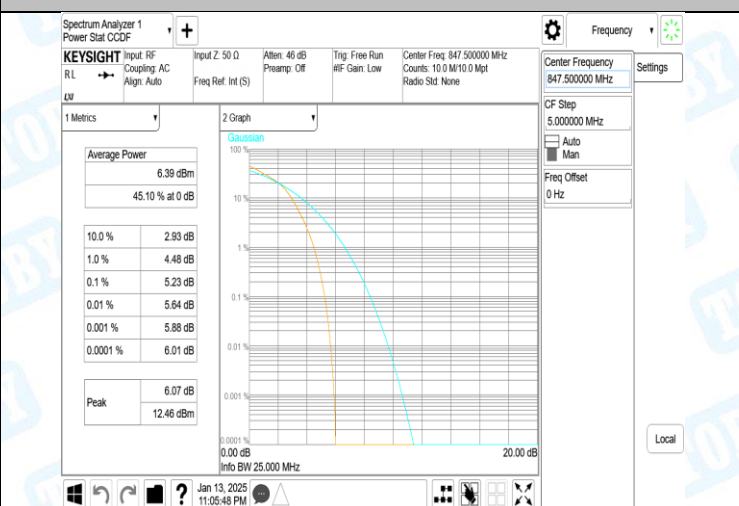
Band5-3MHz-QPSK-20635-15RB#0-PASS



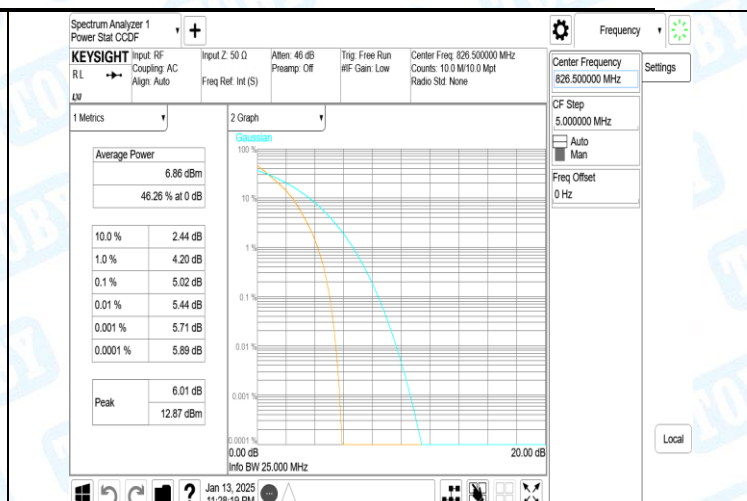
Band5-3MHz-16QAM-20415-15RB#0-PASS



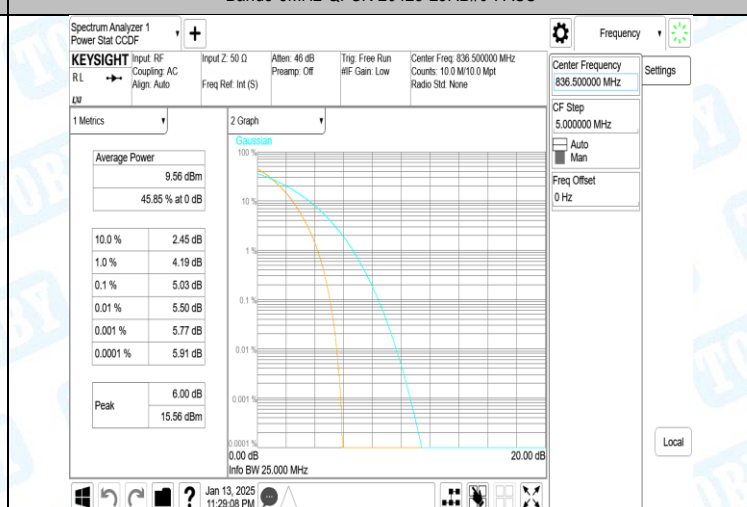
Band5-3MHz-16QAM-20525-15RB#0-PASS



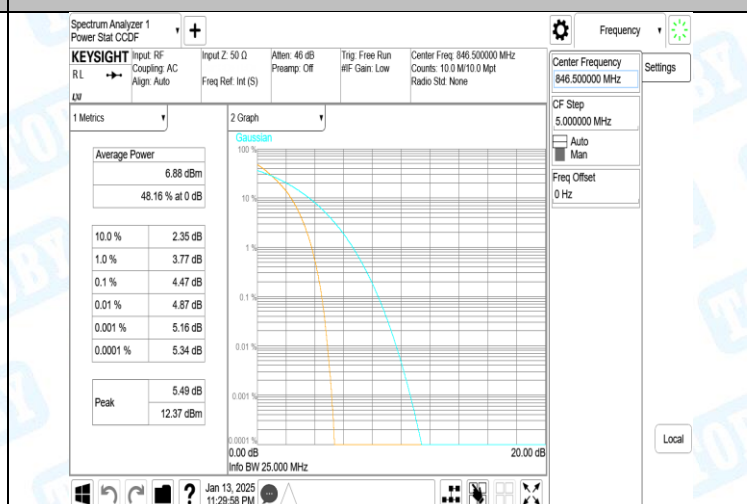
Band5-3MHz-16QAM-20635-15RB#0-PASS



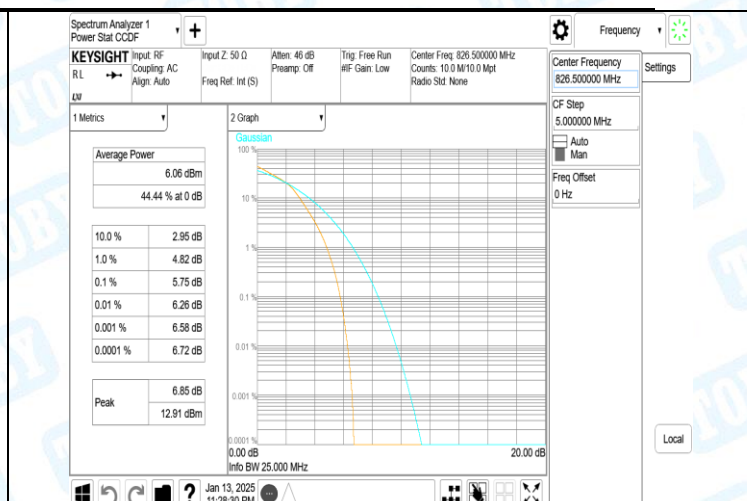
Band5-5MHz-QPSK-20425-25RB#0-PASS



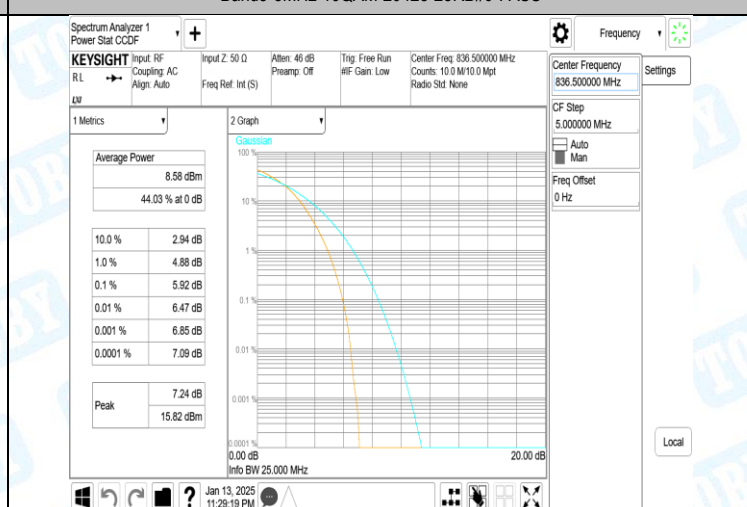
Band5-5MHz-QPSK-20525-25RB#0-PASS



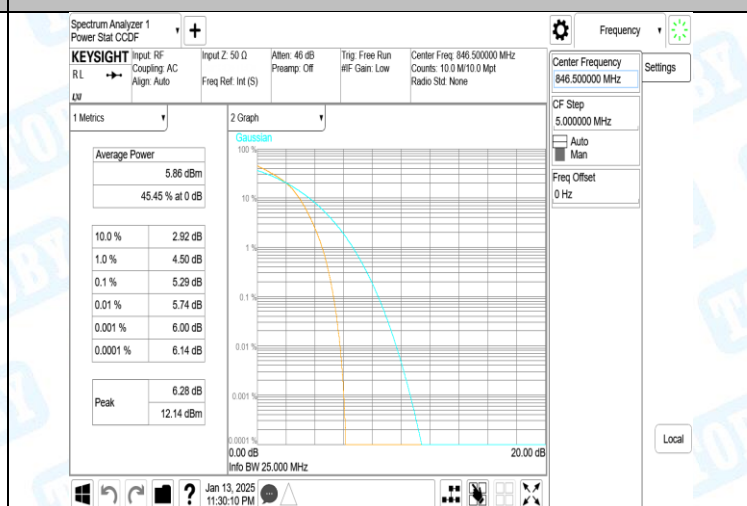
Band5-5MHz-QPSK-20625-25RB#0-PASS



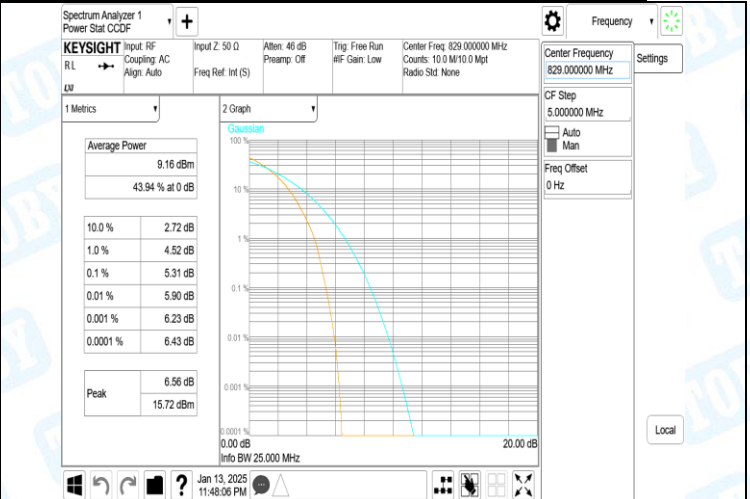
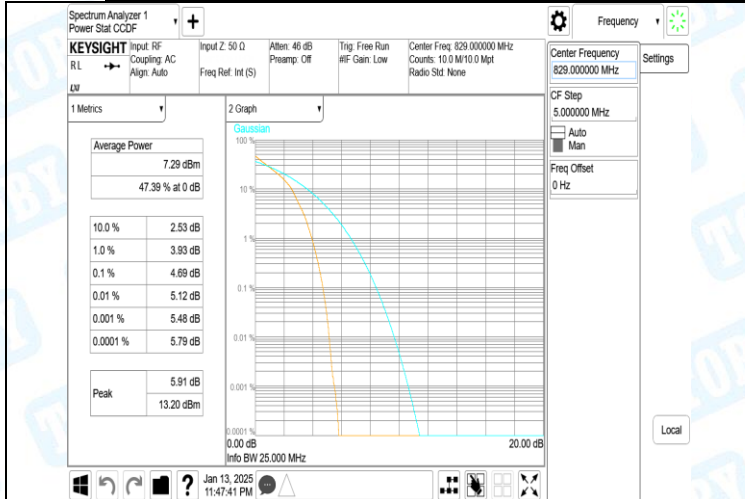
Band5-5MHz-16QAM-20425-25RB#0-PASS



Band5-5MHz-16QAM-20525-25RB#0-PASS

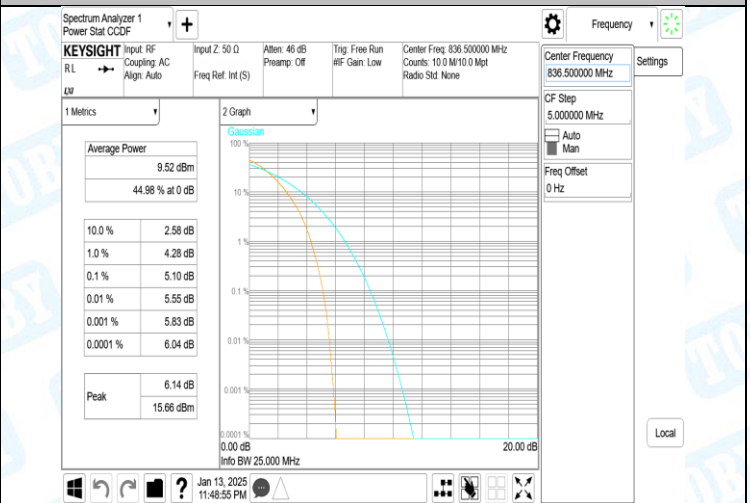
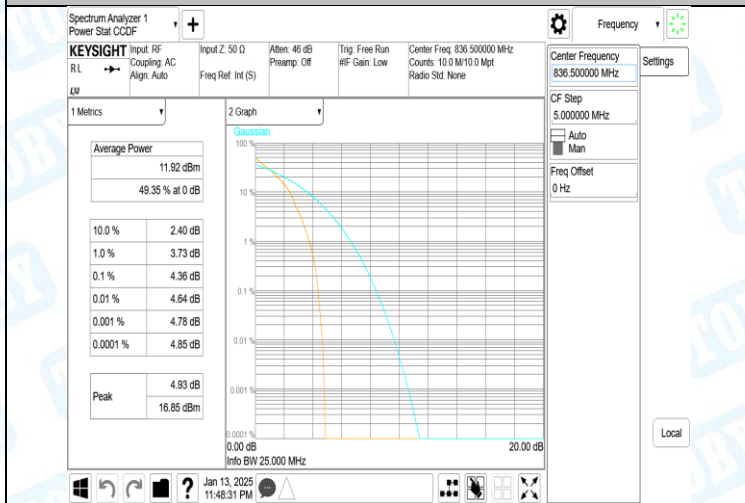


Band5-5MHz-16QAM-20625-25RB#0-PASS



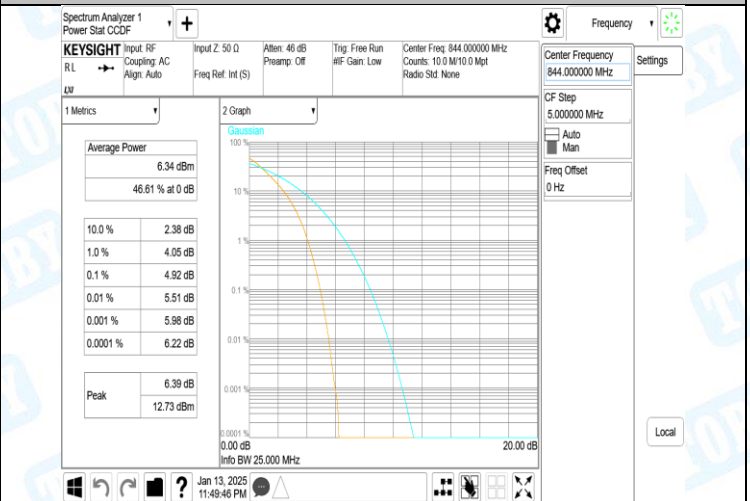
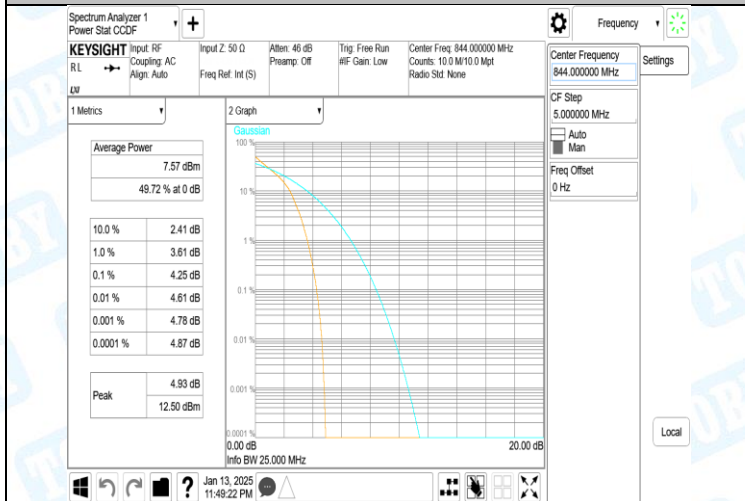
Band5-10MHz-QPSK-20450-1RB#0-PASS

Band5-10MHz-QPSK-20450-50RB#0-PASS



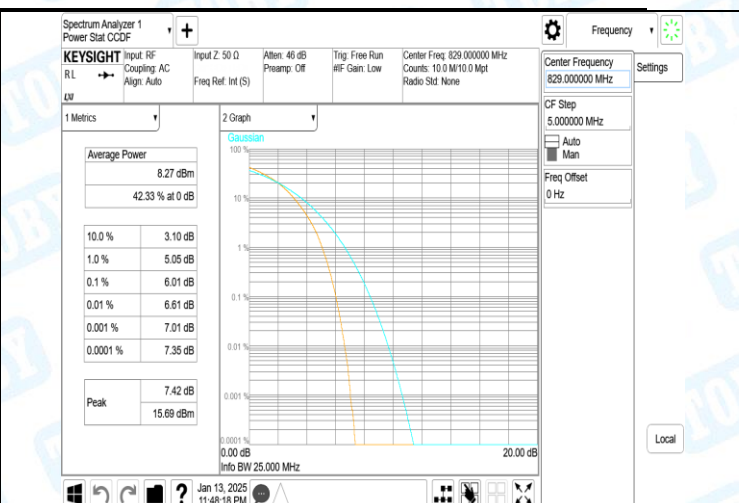
Band5-10MHz-QPSK-20525-1RB#0-PASS

Band5-10MHz-QPSK-20525-50RB#0-PASS

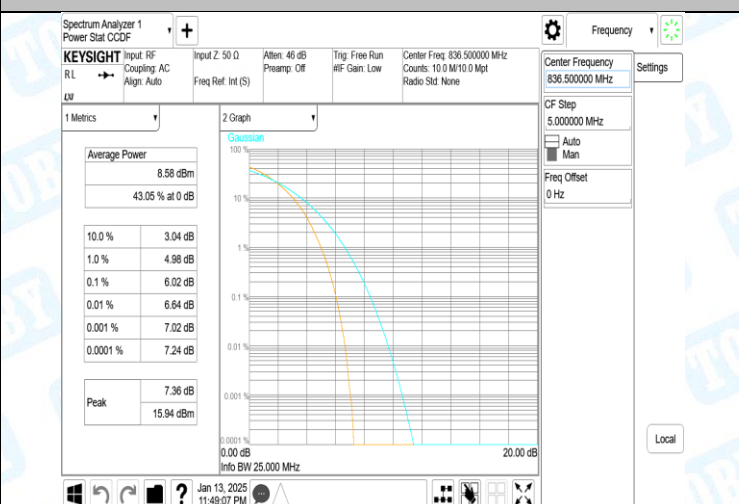


Band5-10MHz-QPSK-20600-1RB#0-PASS

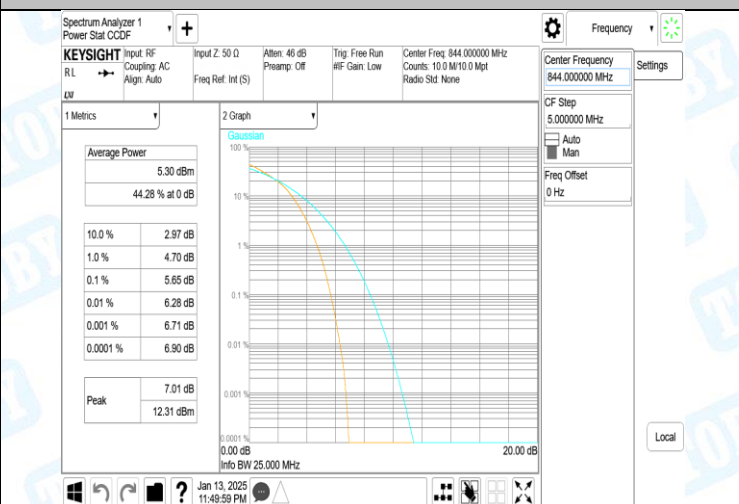
Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS

3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0928	1.268	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0915	1.265	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0933	1.260	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1067	1.252	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1050	1.251	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1069	1.268	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7251	3.049	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7089	3.059	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7057	3.060	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7042	3.045	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6976	3.017	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7088	3.119	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5402	5.431	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5228	5.288	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5357	5.504	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5407	5.422	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5260	5.396	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5399	5.525	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9668	9.924	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9315	9.932	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0571	10.14	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9668	9.991	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9493	10.11	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0499	10.32	PASS