

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
Band12	1.4MHz	QPSK	23017	1RB#0	24.01	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.92	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.89	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.90	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.89	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.90	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.99	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.88	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.90	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.89	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.84	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.83	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.80	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.83	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.61	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.66	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.75	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.85	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.82	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.78	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.19	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.18	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.17	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.38	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.35	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.41	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.35	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.25	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.26	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.37	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.37	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.25	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.89	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.90	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.89	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.68	PASS

Band12	1.4MHz	16QAM	23173	3RB#1	22.70	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.59	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.94	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.89	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.97	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.95	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.93	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.91	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.79	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.06	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.97	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.91	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.86	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.78	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.81	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.85	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.75	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.75	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.94	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.69	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.79	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.83	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.81	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.81	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.61	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.63	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.40	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.10	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.09	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.03	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.99	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.31	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.23	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.24	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.90	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.91	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.96	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.36	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.27	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.13	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.89	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.86	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.04	PASS

Band12	3MHz	16QAM	23165	15RB#0	21.87	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.86	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.90	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.94	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.96	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.95	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.57	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.88	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.92	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.82	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.89	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.86	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.85	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.72	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.85	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.72	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.65	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.85	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.83	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.81	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.32	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.10	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.09	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.91	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.93	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.03	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.01	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.90	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.85	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.00	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.90	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.92	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.87	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.15	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.39	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.27	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.63	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.64	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.72	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.80	PASS

Band12	10MHz	QPSK	23060	1RB#24	23.70	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.76	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.63	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.07	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.94	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.78	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.75	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.82	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.69	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.84	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.91	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.93	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.05	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.90	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.89	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.76	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.81	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.03	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.90	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.06	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.83	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.86	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.96	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.96	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.55	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.52	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.82	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.82	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.71	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.61	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.75	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.81	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.83	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.59	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.63	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.45	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.97	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.99	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.85	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.84	PASS

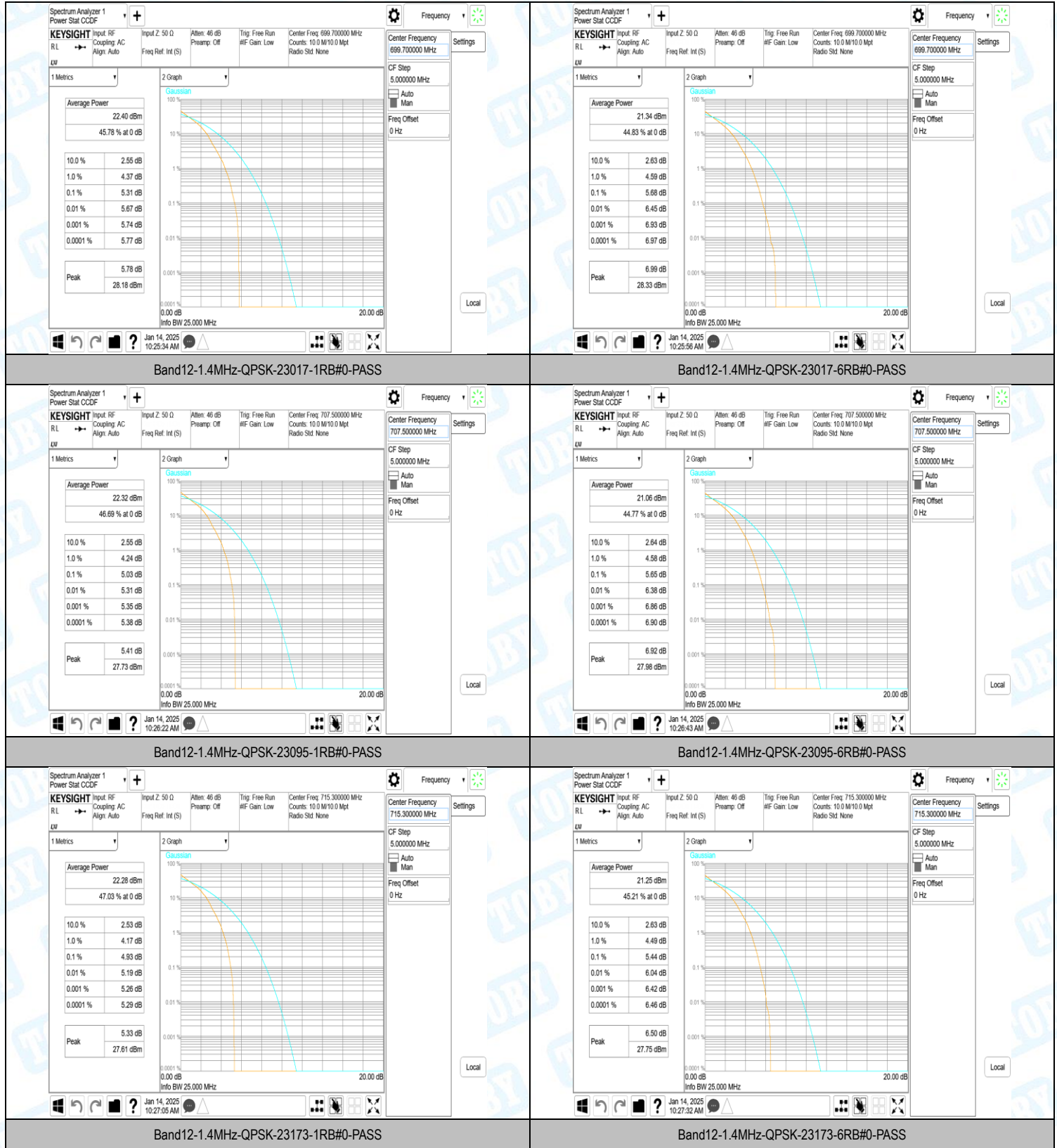
2: Peak-to-Average Ratio(CCDF)

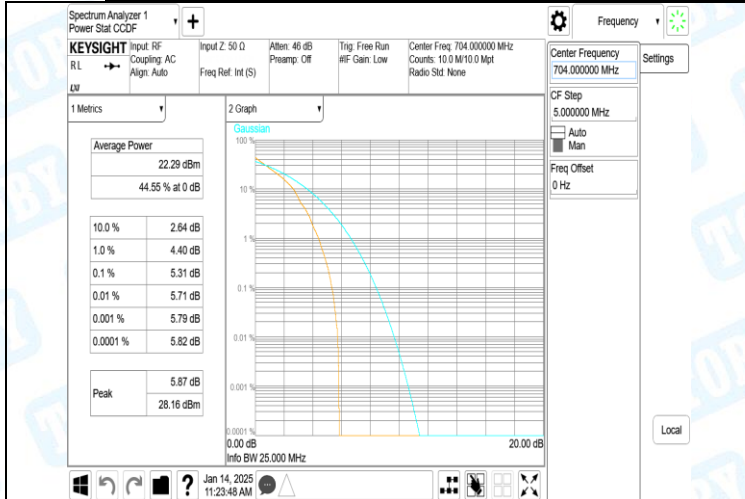
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.31	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.68	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.03	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.65	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.93	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.44	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.21	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.51	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.98	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.39	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.82	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.25	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.37	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.64	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.94	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.63	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.18	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.44	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.48	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.51	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.14	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.42	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.28	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.37	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.46	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.64	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.98	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.58	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.38	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.48	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.15	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.31	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.92	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.31	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.07	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.27	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.31	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.54	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.96	13	PASS

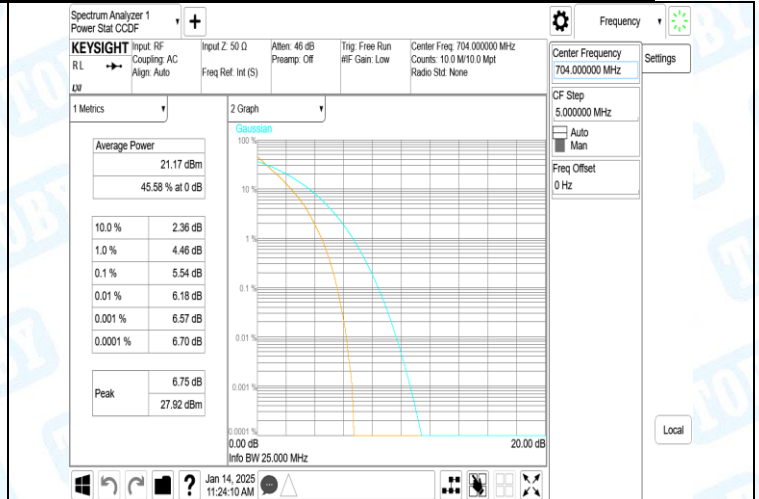
Band12	10MHz	QPSK	23095	50RB#0	5.57	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.92	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.59	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.09	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.36	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.86	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.33	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.83	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.37	13	PASS

Test Graphs

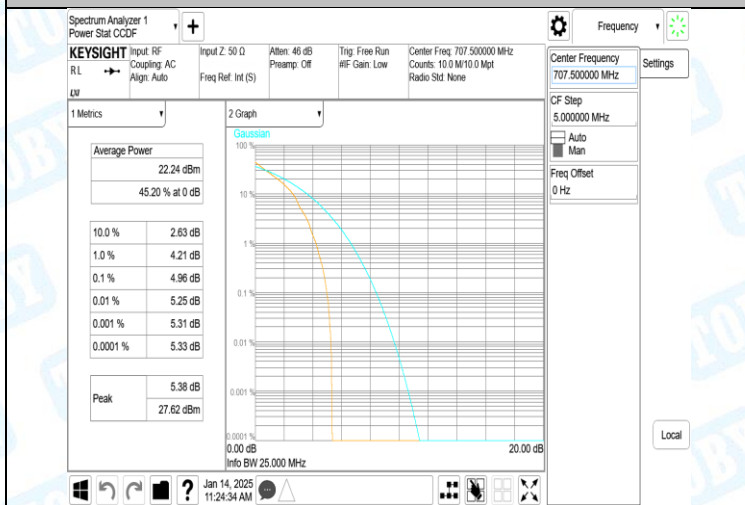




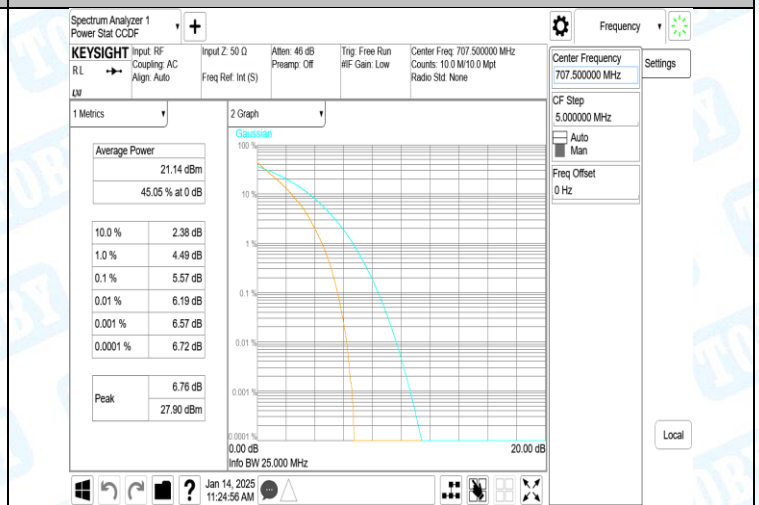
Band12-10MHz-QPSK-23060-1RB#0-PASS



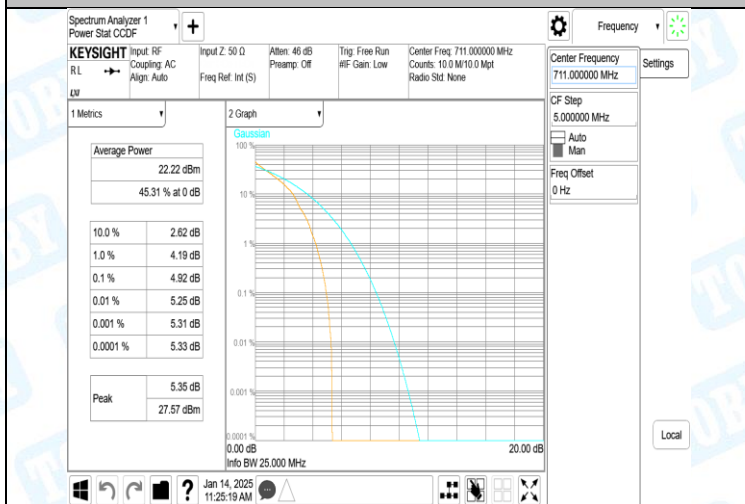
Band12-10MHz-QPSK-23060-50RB#0-PASS



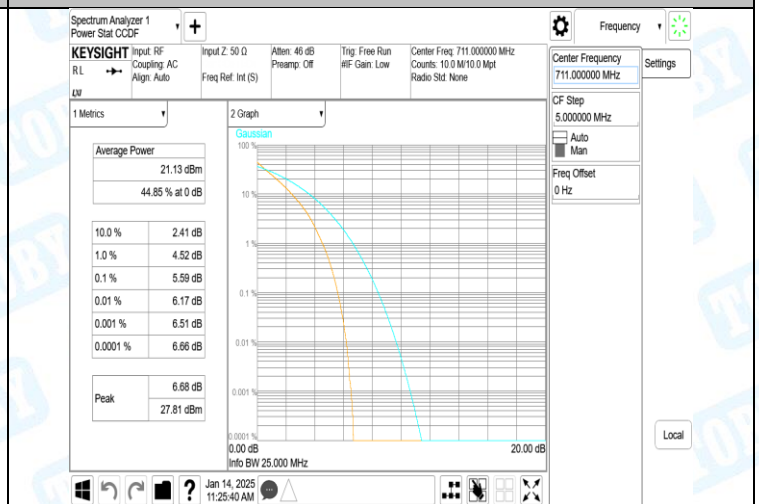
Band12-10MHz-QPSK-23095-1RB#0-PASS



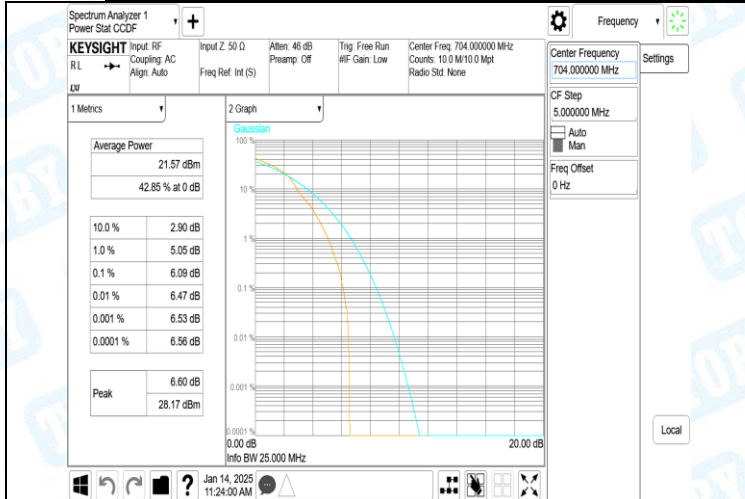
Band12-10MHz-QPSK-23095-50RB#0-PASS



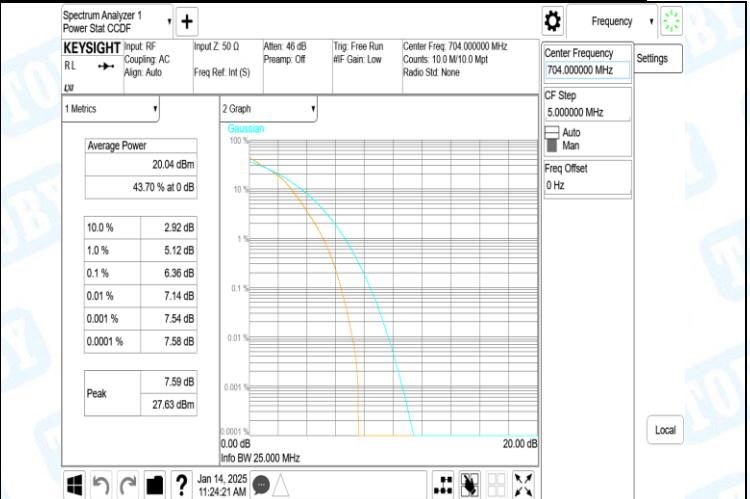
Band12-10MHz-QPSK-23130-1RB#0-PASS



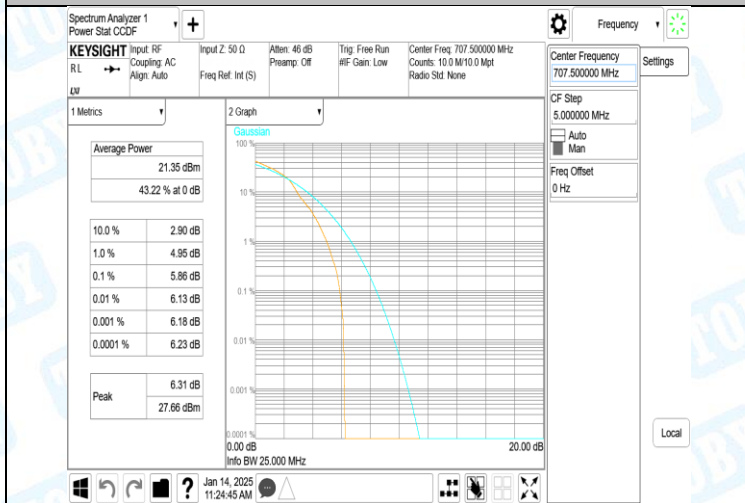
Band12-10MHz-QPSK-23130-50RB#0-PASS



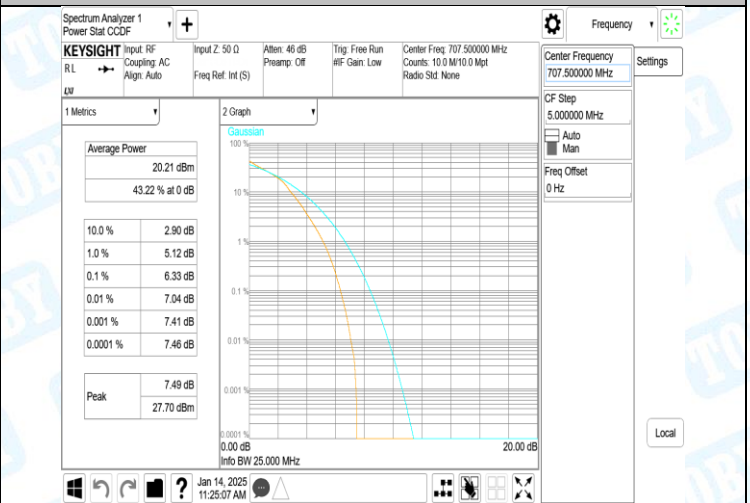
Band12-10MHz-16QAM-23060-1RB#0-PASS



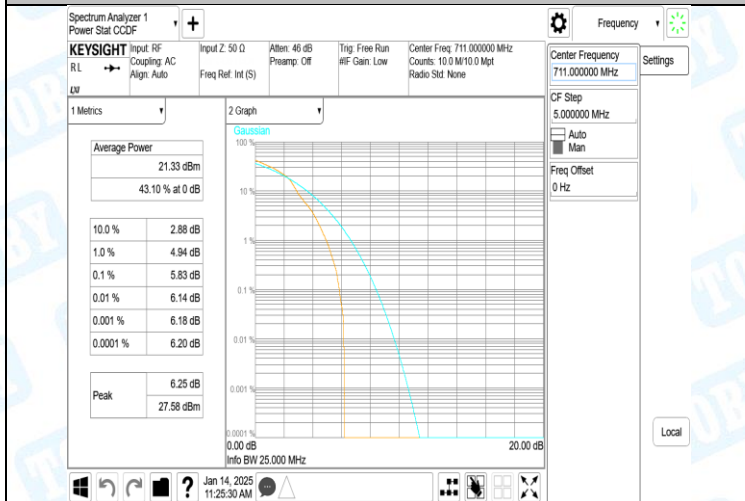
Band12-10MHz-16QAM-23060-50RB#0-PASS



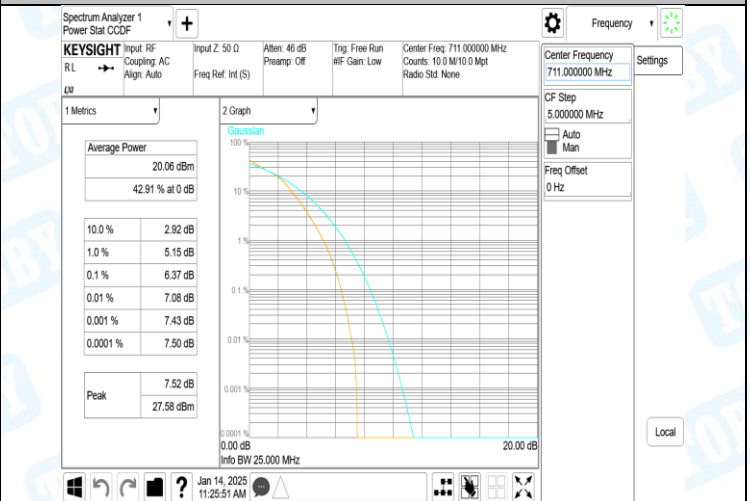
Band12-10MHz-16QAM-23095-1RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-16QAM-23130-1RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS

3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0942	1.264	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0946	1.262	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0912	1.267	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1041	1.262	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1037	1.259	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1011	1.263	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7166	3.061	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7114	3.044	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7100	3.070	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7032	3.222	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6962	3.039	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6985	3.048	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5278	5.245	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5270	5.335	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5297	5.340	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5206	5.244	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5191	5.228	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5262	5.276	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9828	10.01	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9834	10.09	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0038	10.23	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9684	10.04	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9731	9.948	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0000	10.11	PASS