

LTE Test Data

General Description of EUT	
Product Name:	Tractive Dog 6
Test Model:	TG6C
Sample ID:	HC-C-202505-0203-01-02#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 5V
Test Engineer:	Rick Chen
Note: For a more detailed features description, please refer to the report TBR-C-202505-0203-31 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)	Limit(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.57	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.75	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.48	34.8	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.60	34.8	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.68	34.8	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.50	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.65	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.63	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.73	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.94	34.8	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.52	34.8	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.60	34.8	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	21.92	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.80	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	21.67	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	17.27	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	20.68	34.8	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	18.96	34.8	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	17.39	34.8	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	17.53	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	18.29	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.71	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.15	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.48	34.8	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.61	34.8	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.75	34.8	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.31	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.69	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.65	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.68	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.08	34.8	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.73	34.8	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.65	34.8	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.91	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.90	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	19.89	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	18.23	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	17.87	34.8	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	19.85	34.8	PASS

Band12	1.4MHz	16QAM	23173	3RB#1	20.05	34.8	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	19.32	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	19.18	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.53	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.65	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	21.87	34.8	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.54	34.8	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.94	34.8	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.57	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.06	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.41	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.14	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.43	34.8	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.98	34.8	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.37	34.8	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.23	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.27	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.20	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.15	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.61	34.8	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.77	34.8	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.58	34.8	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.66	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.54	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.86	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.86	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.25	34.8	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.65	34.8	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.89	34.8	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.64	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.04	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.37	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.55	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.43	34.8	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.77	34.8	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.26	34.8	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.53	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.17	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.31	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	19.90	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.98	34.8	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.77	34.8	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.69	34.8	PASS

Band12	3MHz	16QAM	23165	8RB#7	20.84	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.73	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.97	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.38	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.04	34.8	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.22	34.8	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.47	34.8	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.30	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.05	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.57	34.8	PASS
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Band12	5MHz	QPSK	23095	1RB#24	23.81	34.8	PASS
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Band12	5MHz	QPSK	23095	12RB#6	22.21	34.8	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.73	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.42	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.36	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.76	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.81	34.8	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.94	34.8	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.77	34.8	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.62	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.76	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.84	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.19	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	20.97	34.8	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.56	34.8	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.55	34.8	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.69	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.12	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.40	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.19	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	0.00	34.8	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.11	34.8	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.36	34.8	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.86	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.44	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.56	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.92	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.19	34.8	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.09	34.8	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.76	34.8	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.65	34.8	PASS

Band12	5MHz	16QAM	23155	25RB#0	20.78	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	21.86	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	21.48	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.10	34.8	PASS
Band12	10MHz	QPSK	23060	25RB#0	19.87	34.8	PASS
Band12	10MHz	QPSK	23060	25RB#12	20.77	34.8	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.46	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.12	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	18.58	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	21.22	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	19.94	34.8	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.23	34.8	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.20	34.8	PASS
Band12	10MHz	QPSK	23095	25RB#25	18.38	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.81	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	20.76	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	21.80	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	21.71	34.8	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.34	34.8	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.78	34.8	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.07	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.86	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.06	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	20.52	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	18.37	34.8	PASS
Band12	10MHz	16QAM	23060	25RB#0	19.96	34.8	PASS
Band12	10MHz	16QAM	23060	25RB#12	19.82	34.8	PASS
Band12	10MHz	16QAM	23060	25RB#25	17.71	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	18.42	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.52	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	19.87	34.8	PASS
Band12	10MHz	16QAM	23095	25RB#0	18.32	34.8	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.24	34.8	PASS
Band12	10MHz	16QAM	23095	25RB#25	19.15	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	20.68	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.54	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	17.67	34.8	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.35	34.8	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.81	34.8	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.21	34.8	PASS

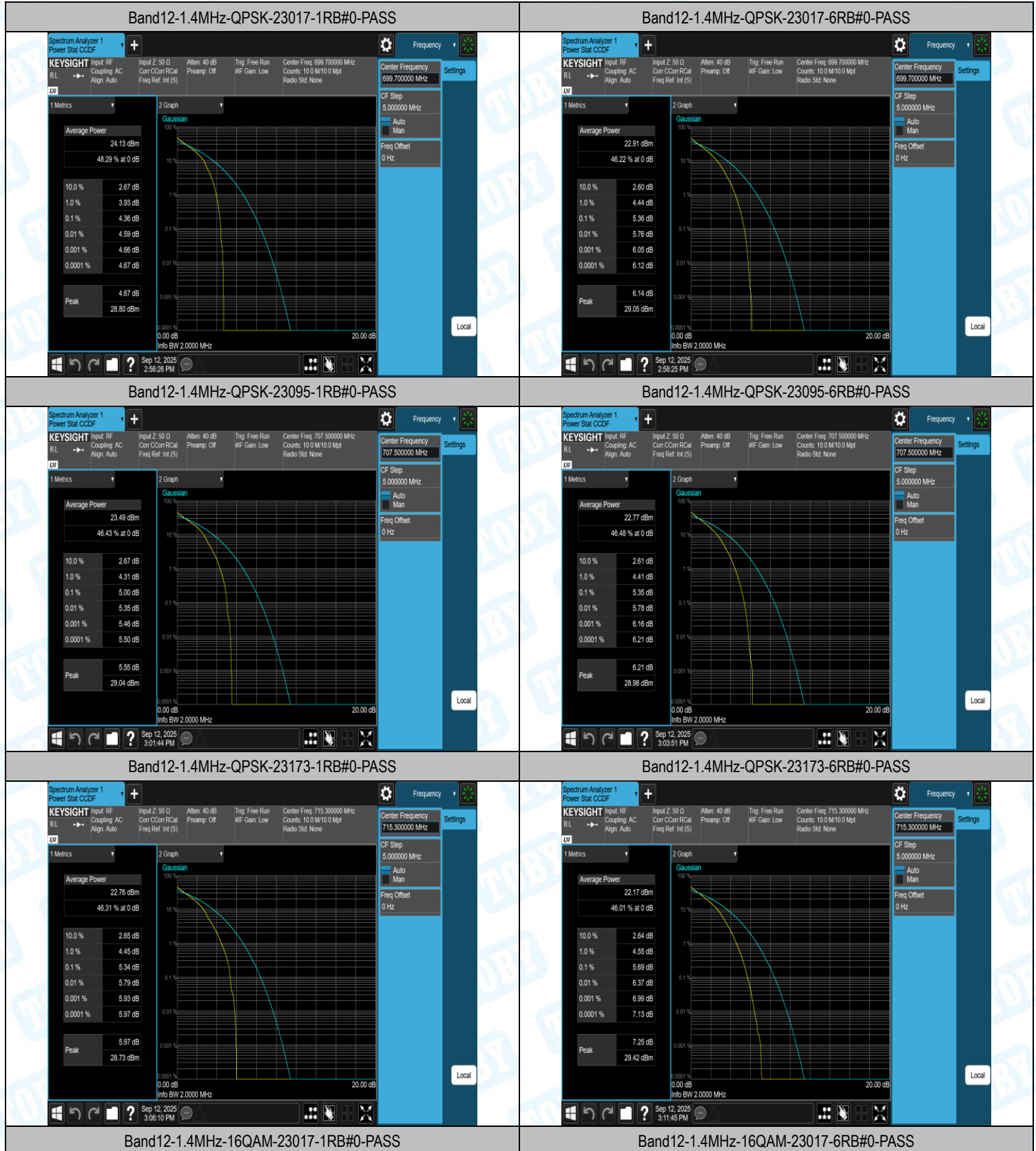
2: Peak-to-Average Ratio(CCDF)

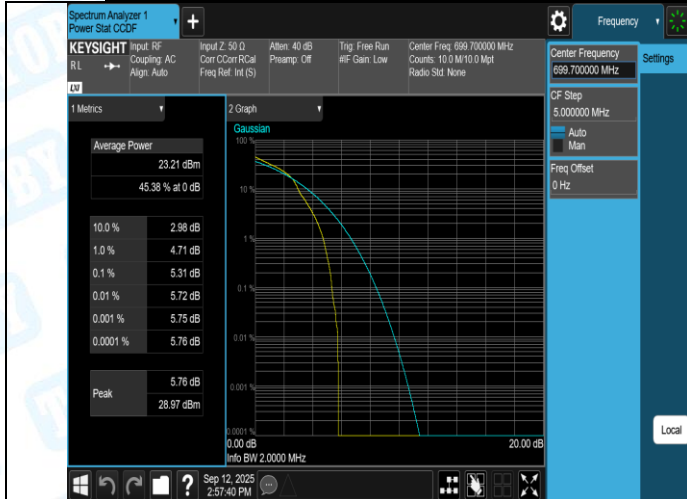
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.36	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.36	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.00	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.35	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.34	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.69	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.31	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.05	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.90	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.09	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	10.13	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.57	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.71	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	8.43	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	8.42	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.75	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.76	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.78	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.41	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	8.43	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.28	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.54	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.45	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.50	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.19	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.89	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	6.82	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.94	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.76	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.97	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.06	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.49	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	7.53	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.19	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.08	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.53	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.67	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.99	13	PASS

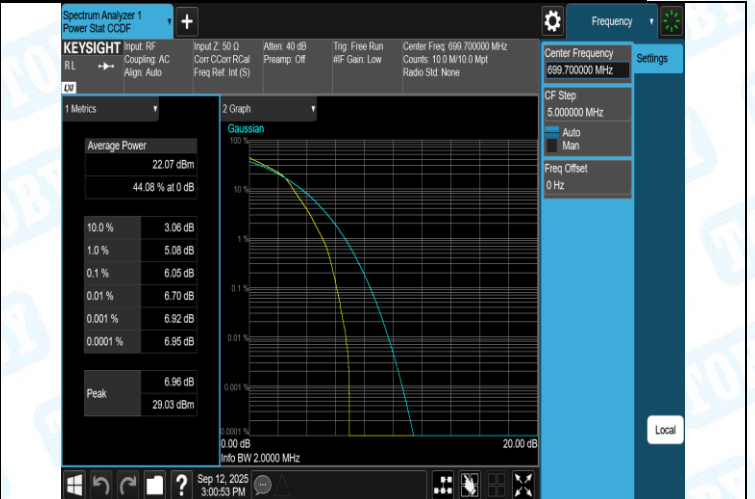
Band12	10MHz	QPSK	23095	1RB#0	5.85	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.57	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.75	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.15	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.49	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.60	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.24	13	PASS

Test Graphs





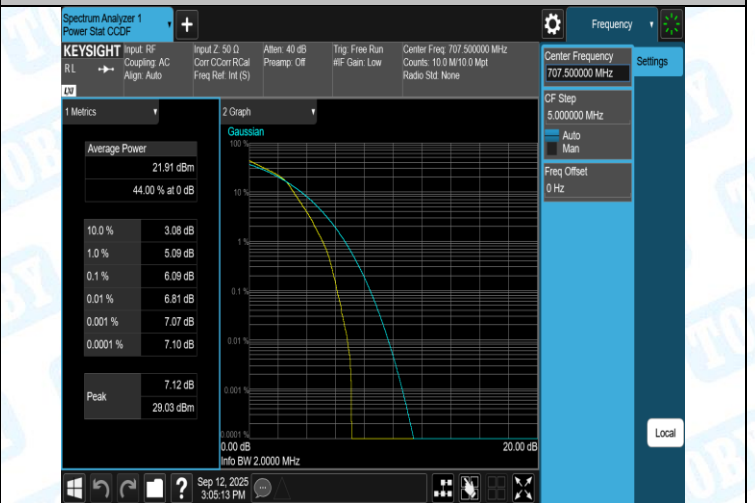
Band12-1.4MHz-16QAM-23095-1RB#0-PASS



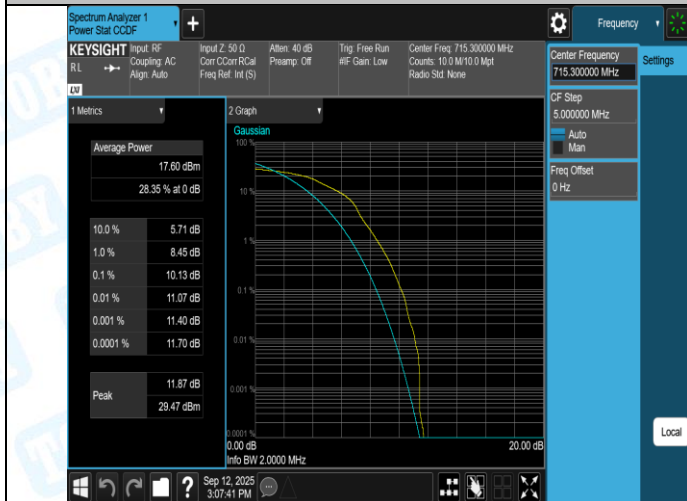
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



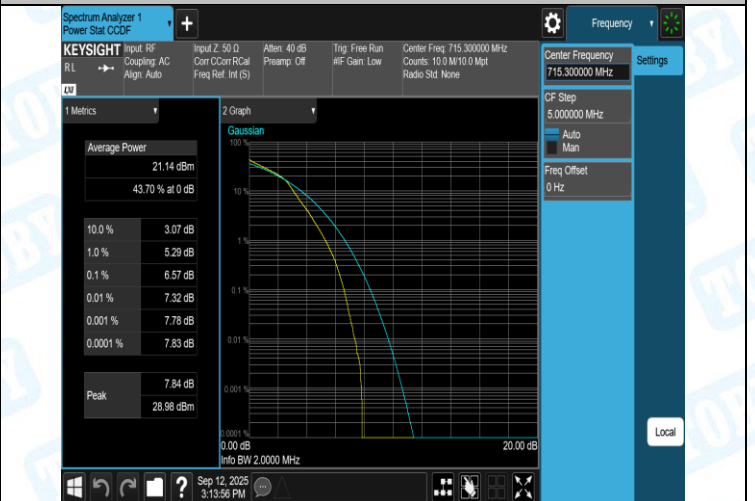
Band12-1.4MHz-16QAM-23173-1RB#0-PASS



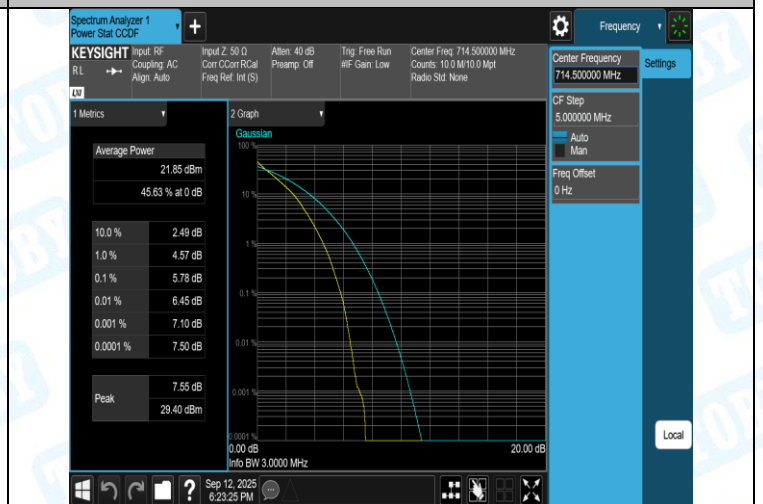
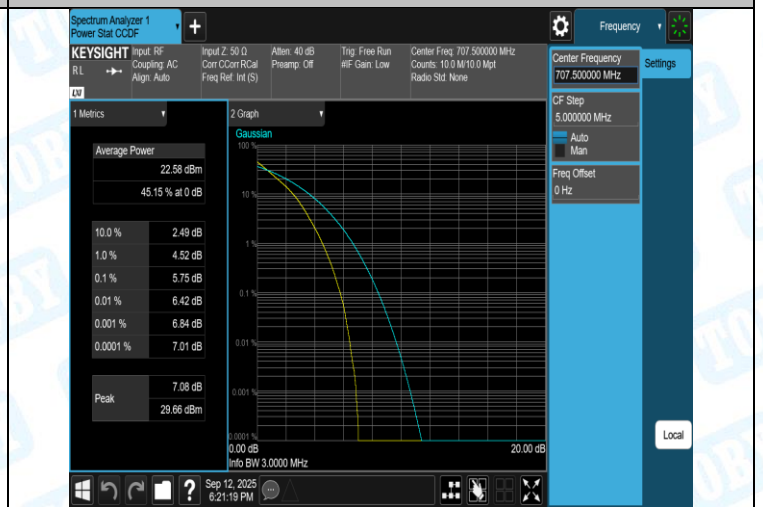
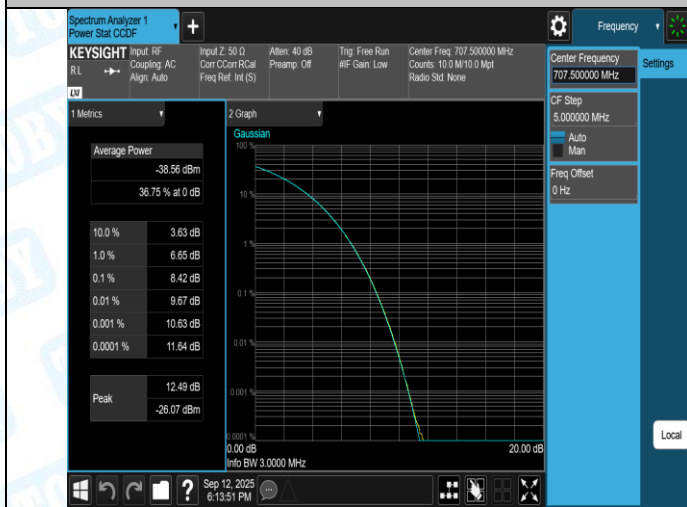
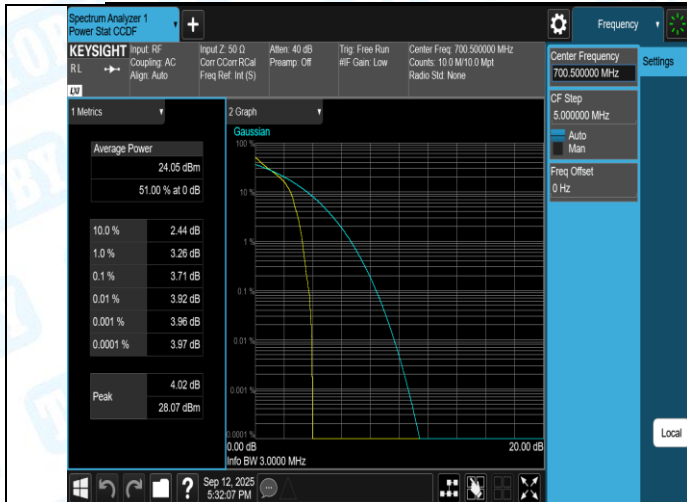
Band12-1.4MHz-16QAM-23173-6RB#0-PASS

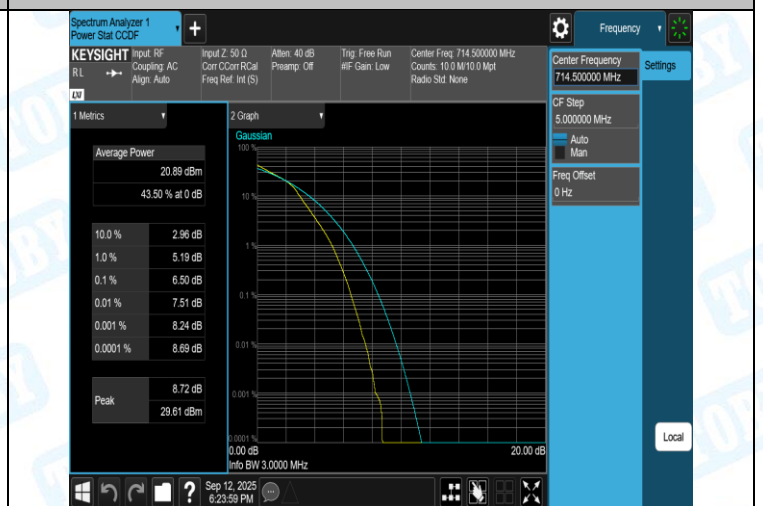
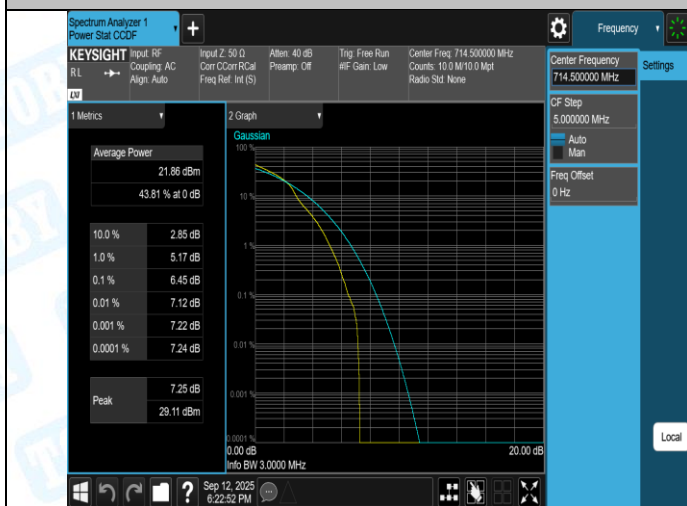
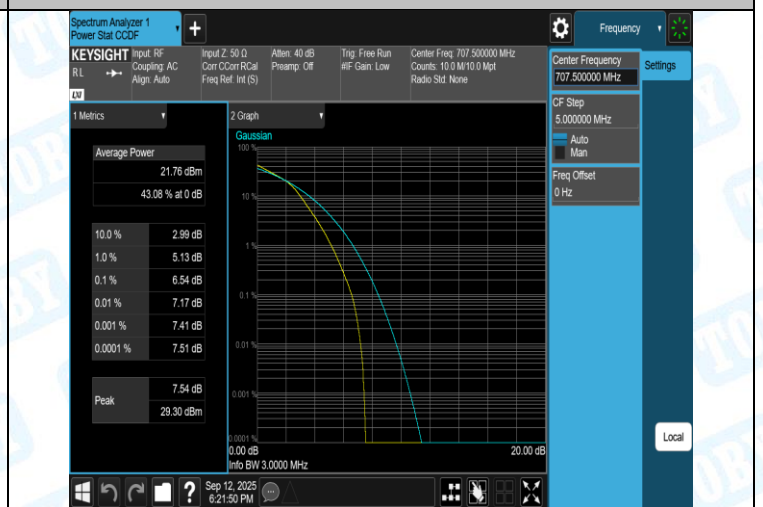
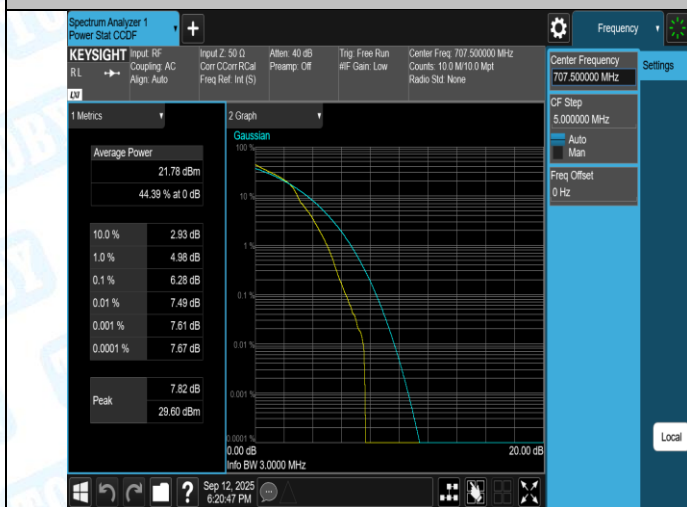
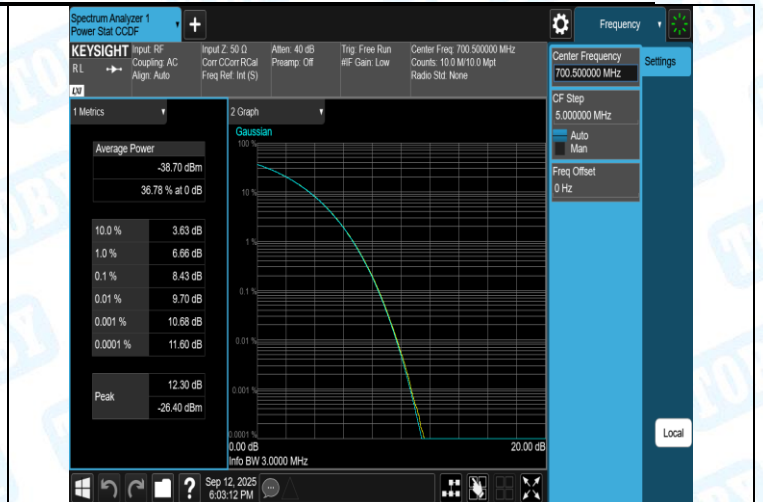
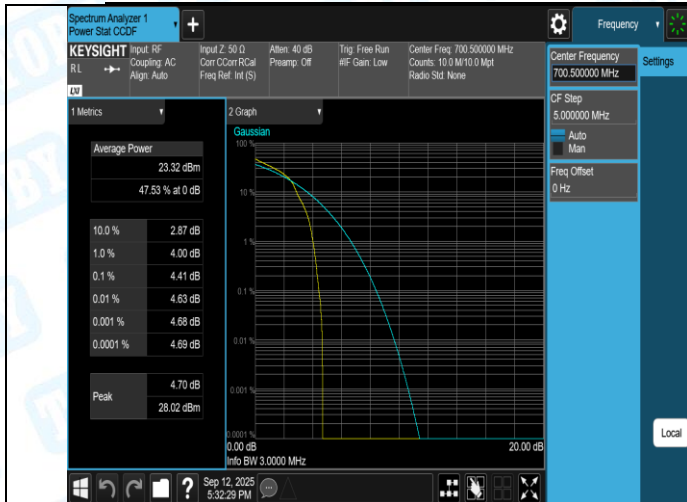


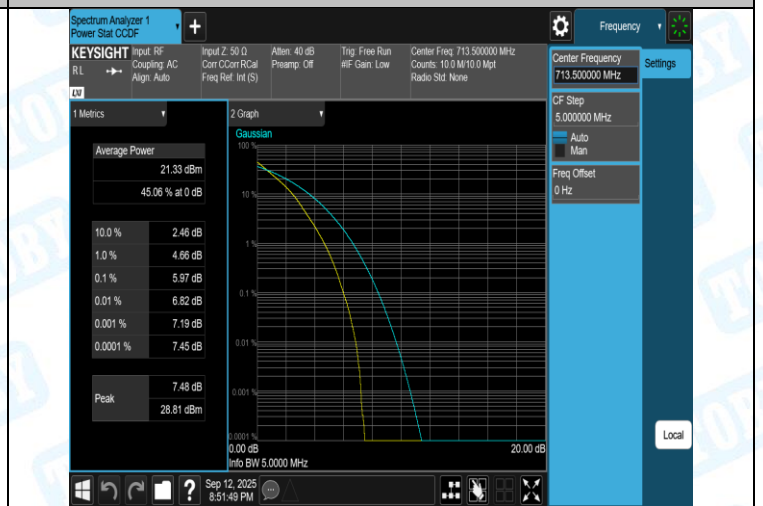
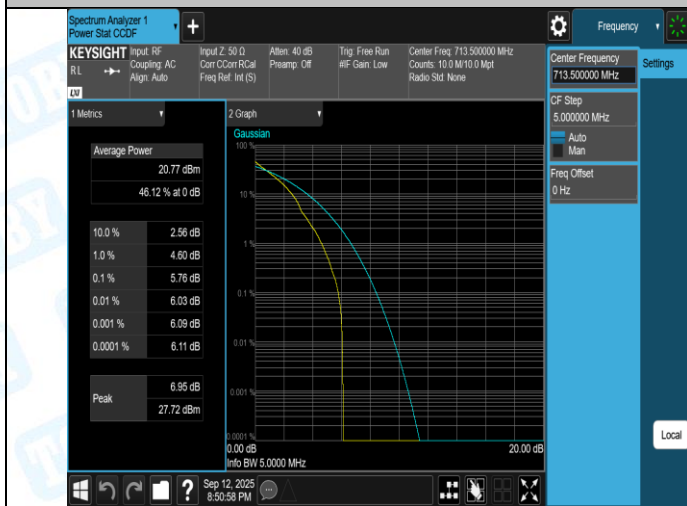
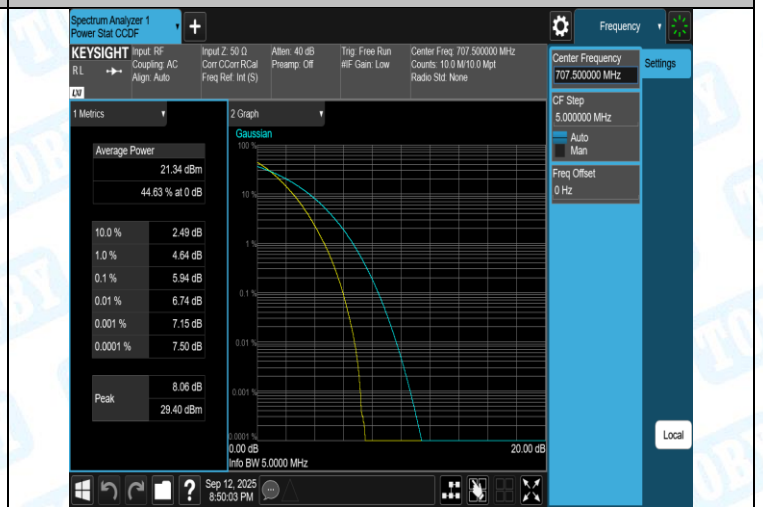
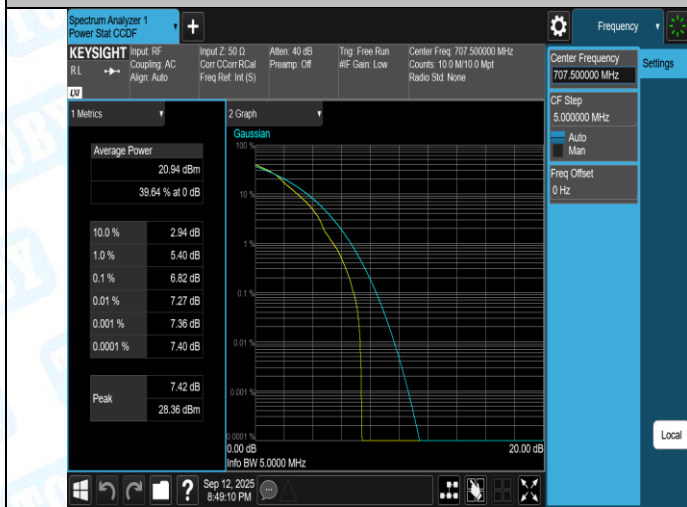
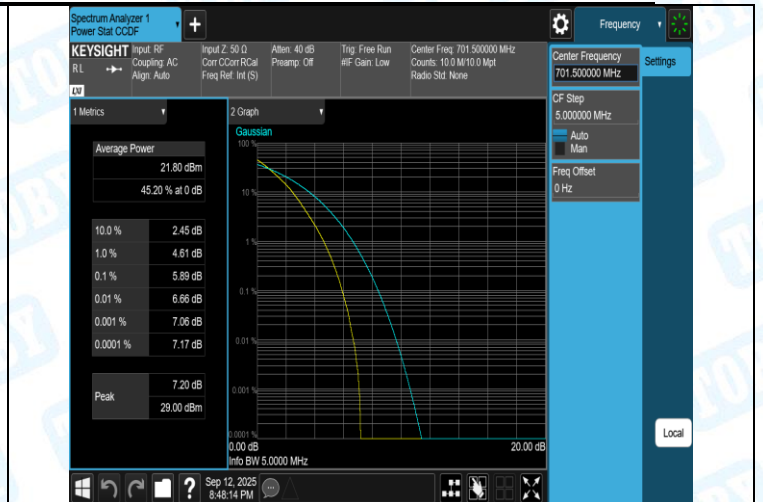
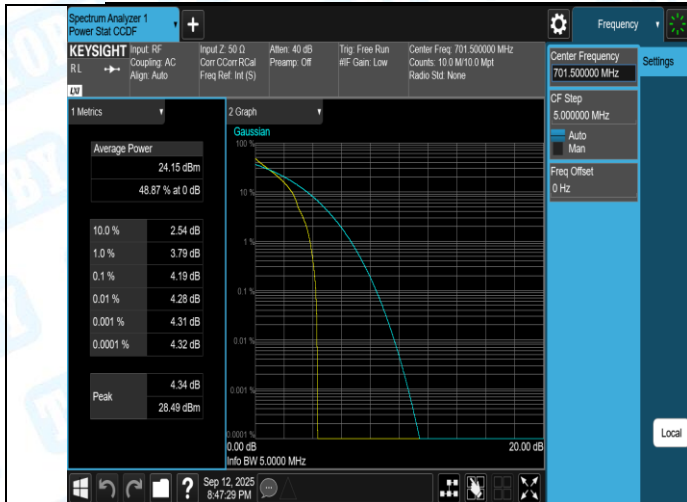
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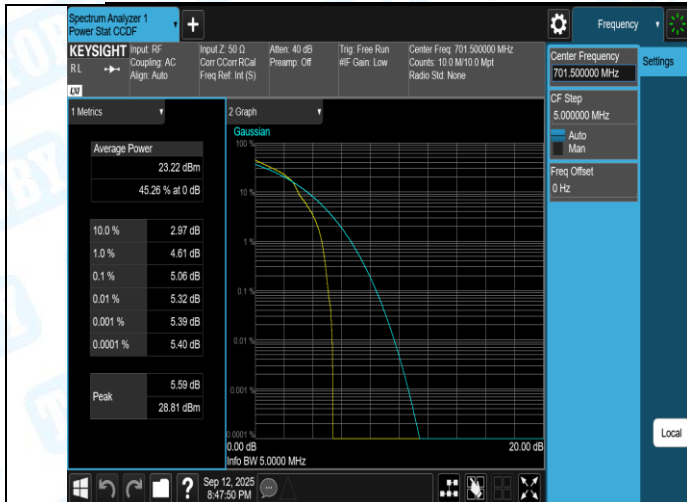


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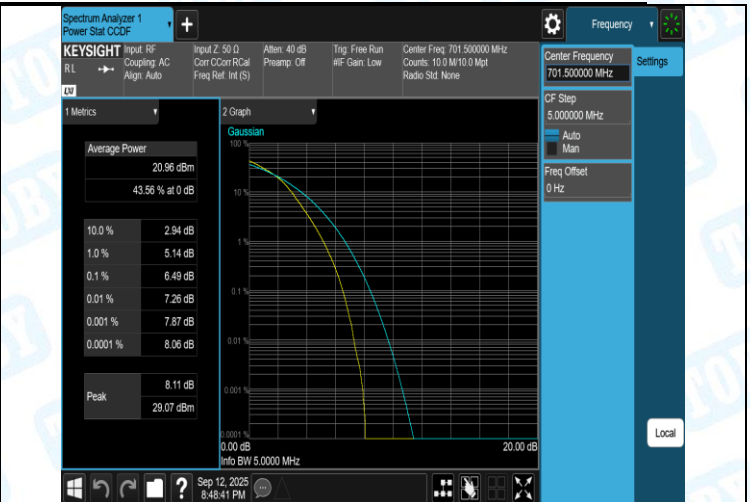




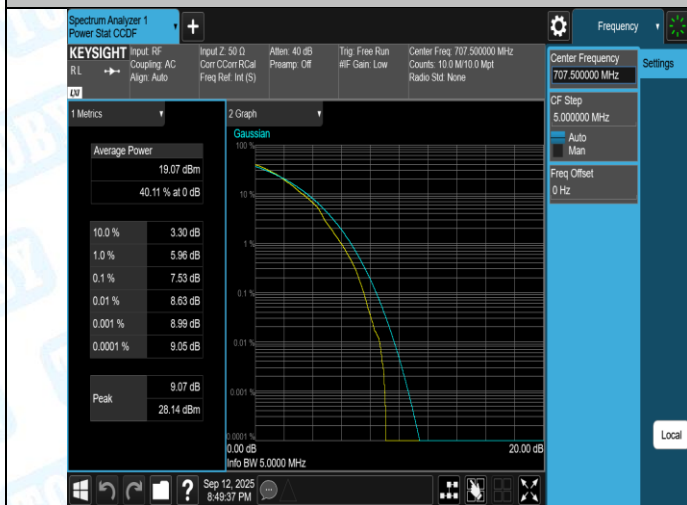




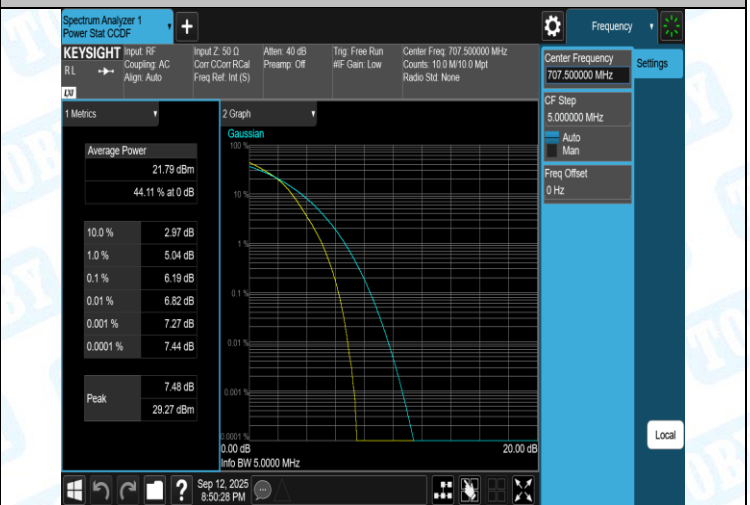
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Band12-5MHz-16QAM-23095-25RB#0-PASS



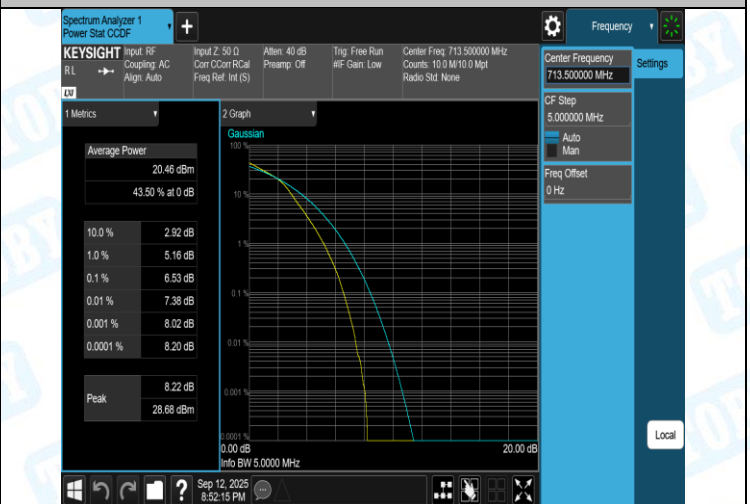
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Band12-5MHz-16QAM-23155-25RB#0-PASS



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



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

