

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
Band38	5MHz	QPSK	37775	1RB#0	20.85	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	20.75	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	20.68	33	PASS
Band38	5MHz	QPSK	37775	12RB#0	19.92	33	PASS
Band38	5MHz	QPSK	37775	12RB#6	19.94	33	PASS
Band38	5MHz	QPSK	37775	12RB#13	19.90	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	19.91	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.02	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.08	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.19	33	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.13	33	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.14	33	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.20	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.16	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.77	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.60	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.62	33	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.69	33	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.68	33	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.65	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.68	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	19.97	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	19.99	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	19.96	33	PASS
Band38	5MHz	16QAM	37775	12RB#0	19.01	33	PASS
Band38	5MHz	16QAM	37775	12RB#6	18.90	33	PASS
Band38	5MHz	16QAM	37775	12RB#13	18.98	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	18.90	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.10	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.34	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	20.27	33	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.33	33	PASS
Band38	5MHz	16QAM	38000	12RB#6	19.22	33	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.38	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.25	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	20.73	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.86	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	20.66	33	PASS
Band38	5MHz	16QAM	38225	12RB#0	19.80	33	PASS

Band38	5MHz	16QAM	38225	12RB#6	19.66	33	PASS
Band38	5MHz	16QAM	38225	12RB#13	19.76	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	19.69	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	19.38	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.07	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	19.44	33	PASS
Band38	10MHz	QPSK	37800	25RB#0	19.89	33	PASS
Band38	10MHz	QPSK	37800	25RB#12	20.02	33	PASS
Band38	10MHz	QPSK	37800	25RB#25	19.87	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	19.82	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	19.52	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.15	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	19.80	33	PASS
Band38	10MHz	QPSK	38000	25RB#0	19.92	33	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.14	33	PASS
Band38	10MHz	QPSK	38000	25RB#25	20.05	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	19.85	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	20.11	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.50	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	20.11	33	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.46	33	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.60	33	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.42	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.39	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	18.82	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	20.24	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	18.70	33	PASS
Band38	10MHz	16QAM	37800	25RB#0	18.86	33	PASS
Band38	10MHz	16QAM	37800	25RB#12	19.03	33	PASS
Band38	10MHz	16QAM	37800	25RB#25	18.85	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	18.65	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	20.32	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	18.95	33	PASS
Band38	10MHz	16QAM	38000	25RB#0	19.03	33	PASS
Band38	10MHz	16QAM	38000	25RB#12	19.27	33	PASS
Band38	10MHz	16QAM	38000	25RB#25	19.16	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	18.81	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	20.48	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	18.86	33	PASS
Band38	10MHz	16QAM	38200	25RB#0	19.37	33	PASS
Band38	10MHz	16QAM	38200	25RB#12	19.53	33	PASS
Band38	10MHz	16QAM	38200	25RB#25	19.36	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	19.59	33	PASS

Band38	15MHz	QPSK	37825	1RB#38	20.87	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	19.66	33	PASS
Band38	15MHz	QPSK	37825	36RB#0	20.04	33	PASS
Band38	15MHz	QPSK	37825	36RB#18	20.12	33	PASS
Band38	15MHz	QPSK	37825	36RB#39	19.99	33	PASS
Band38	15MHz	QPSK	37825	38RB#0	20.05	33	PASS
Band38	15MHz	QPSK	37825	38RB#18	20.17	33	PASS
Band38	15MHz	QPSK	37825	38RB#37	19.55	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.01	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	19.43	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	20.98	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	20.05	33	PASS
Band38	15MHz	QPSK	38000	36RB#0	19.89	33	PASS
Band38	15MHz	QPSK	38000	36RB#18	20.13	33	PASS
Band38	15MHz	QPSK	38000	36RB#39	20.09	33	PASS
Band38	15MHz	QPSK	38000	38RB#0	19.81	33	PASS
Band38	15MHz	QPSK	38000	38RB#18	20.01	33	PASS
Band38	15MHz	QPSK	38000	38RB#37	19.64	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.10	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	20.03	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.58	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	20.21	33	PASS
Band38	15MHz	QPSK	38175	36RB#0	20.39	33	PASS
Band38	15MHz	QPSK	38175	36RB#18	20.60	33	PASS
Band38	15MHz	QPSK	38175	36RB#39	20.55	33	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.10	33	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.23	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.50	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	18.82	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	20.23	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	18.81	33	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.06	33	PASS
Band38	15MHz	16QAM	37825	38RB#18	0.00	33	PASS
Band38	15MHz	16QAM	37825	38RB#37	19.56	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	18.80	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.26	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	19.21	33	PASS
Band38	15MHz	16QAM	38000	38RB#0	19.91	33	PASS
Band38	15MHz	16QAM	38000	38RB#18	0.00	33	PASS
Band38	15MHz	16QAM	38000	38RB#37	19.69	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	19.02	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	20.84	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	19.10	33	PASS

Band38	15MHz	16QAM	38175	38RB#0	20.07	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	19.27	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.10	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	19.44	33	PASS
Band38	20MHz	QPSK	37850	50RB#0	20.16	33	PASS
Band38	20MHz	QPSK	37850	50RB#25	20.27	33	PASS
Band38	20MHz	QPSK	37850	50RB#50	20.10	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	20.08	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	19.22	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.19	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	19.82	33	PASS
Band38	20MHz	QPSK	38000	50RB#0	20.03	33	PASS
Band38	20MHz	QPSK	38000	50RB#25	20.31	33	PASS
Band38	20MHz	QPSK	38000	50RB#50	20.27	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.26	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	19.63	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.57	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	19.94	33	PASS
Band38	20MHz	QPSK	38150	50RB#0	20.51	33	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.78	33	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.62	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.58	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	18.60	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.09	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	18.68	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	18.39	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	20.19	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	18.96	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	18.47	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	20.60	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	18.75	33	PASS

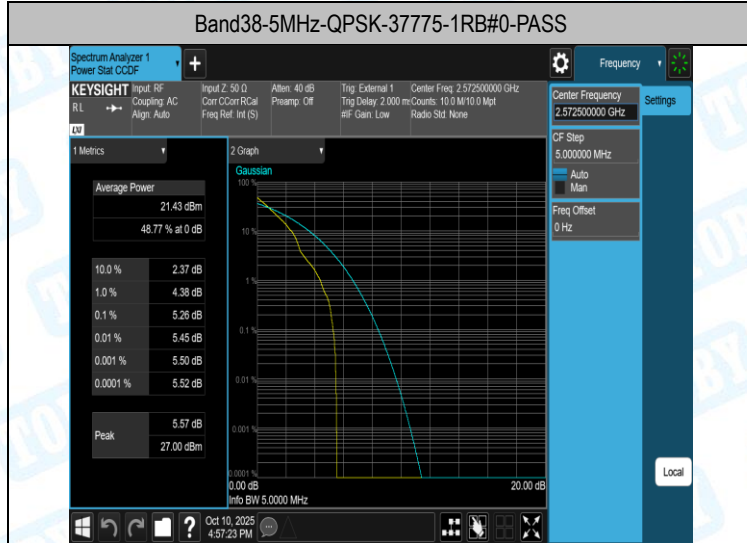
2: Peak-to-Average Ratio(CCDF)

Test Result

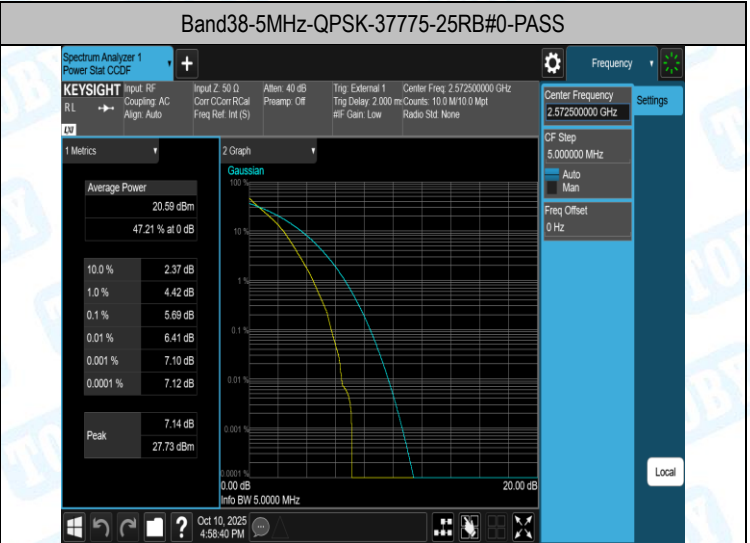
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	5.26	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.69	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	6.05	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.67	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	5.22	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.66	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	6.90	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.32	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	6.17	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.17	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	6.81	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.27	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	5.04	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.59	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	6.34	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.53	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	4.98	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.57	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	6.53	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	5.78	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	6.47	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	5.06	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	6.02	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	6.02	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.93	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	4.99	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.96	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	6.62	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	7.83	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	6.55	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	6.83	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.65	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	6.25	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.73	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	6.77	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.59	13	PASS

Test Graphs

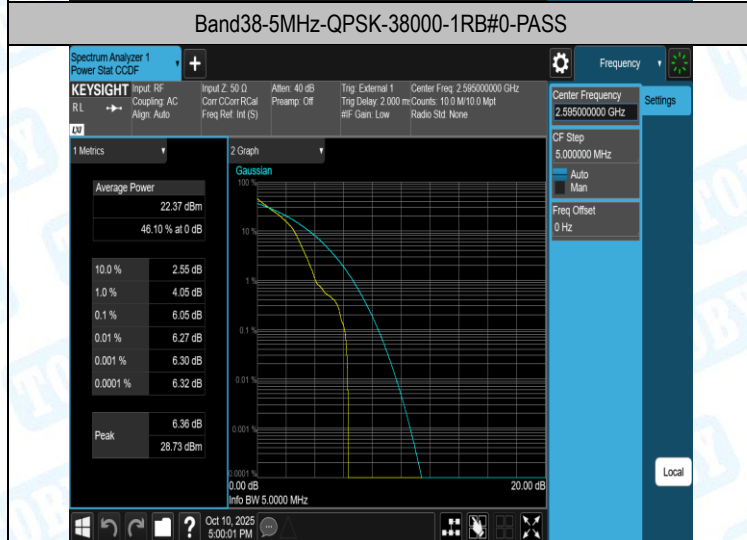
Band38-5MHz-QPSK-37775-1RB#0-PASS



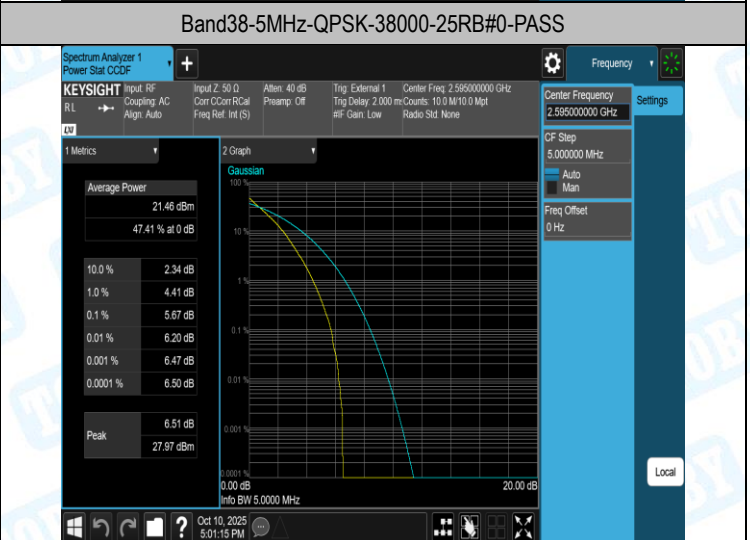
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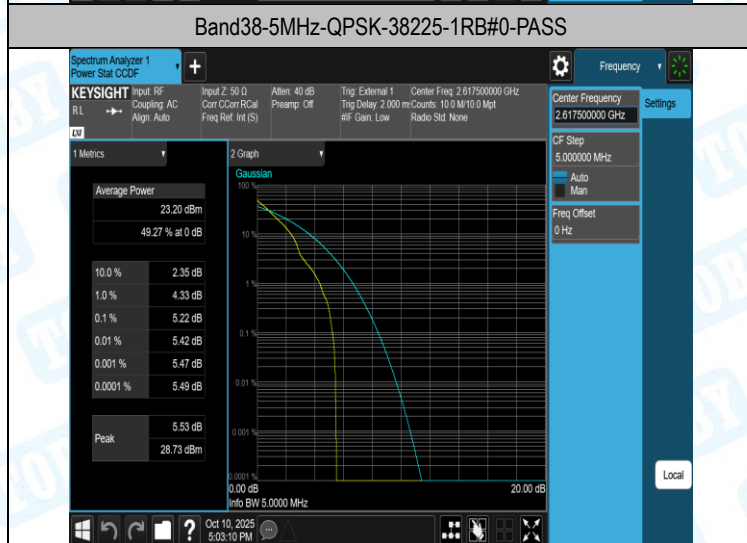
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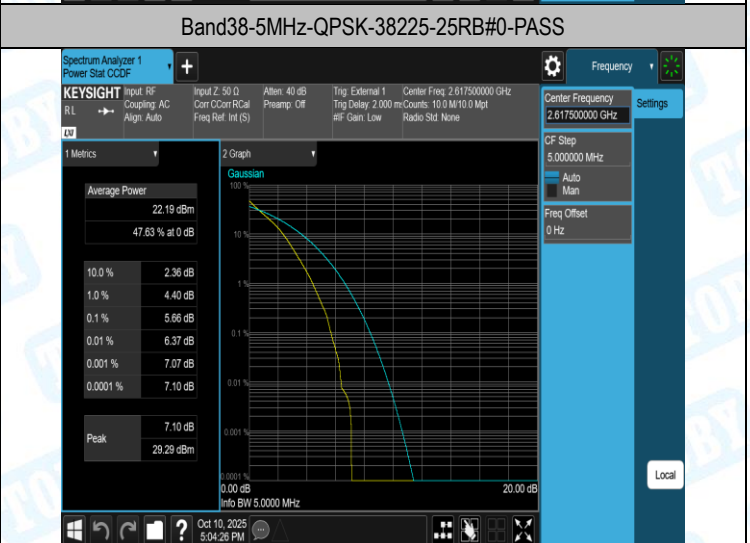
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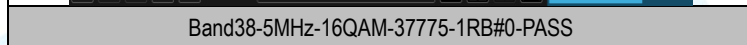
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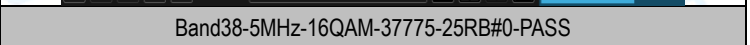
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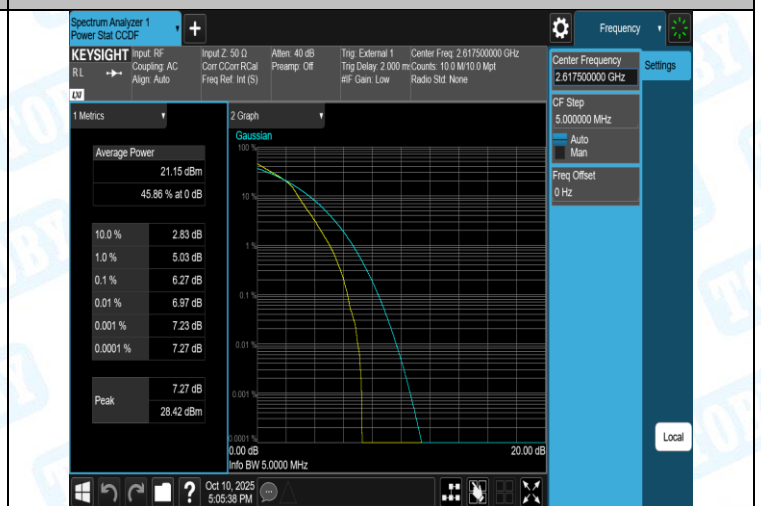
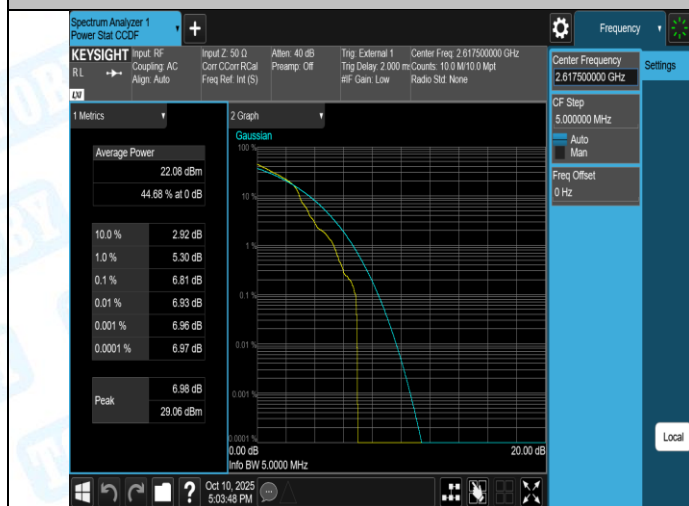
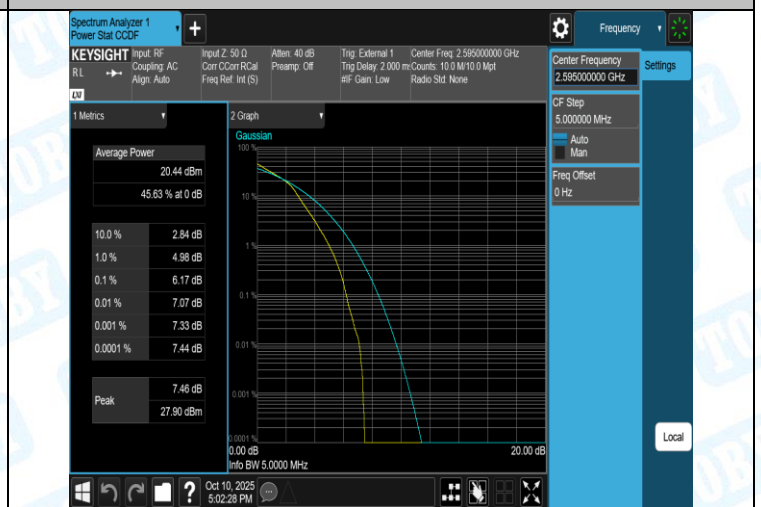
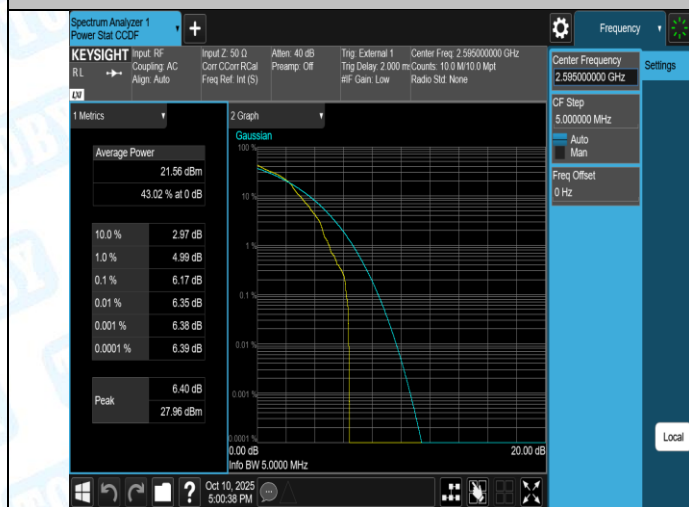
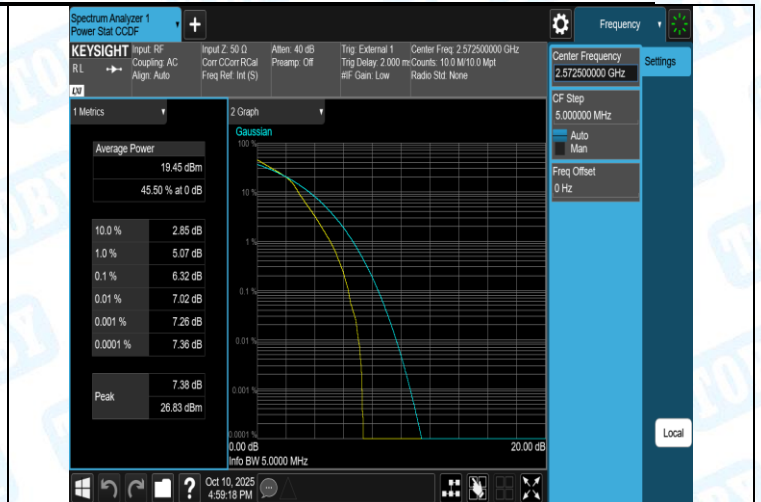
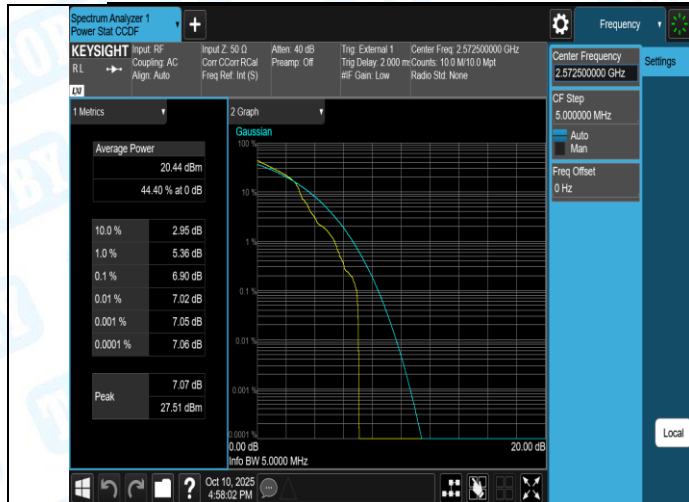


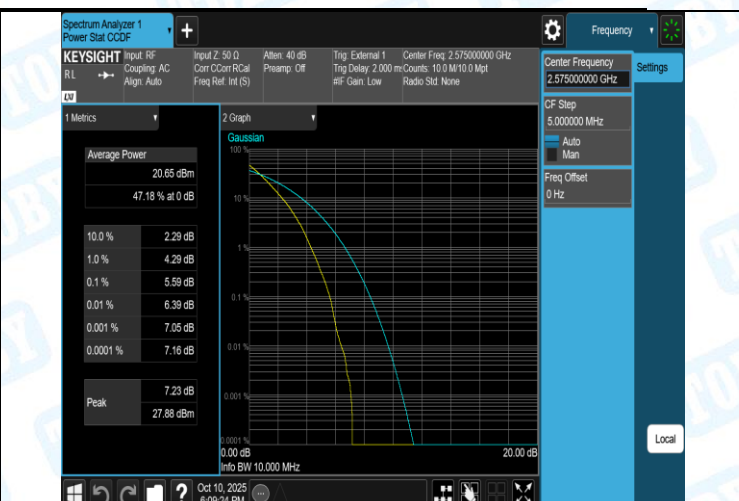
Band38-5MHz-16QAM-37775-1RB#0-PASS



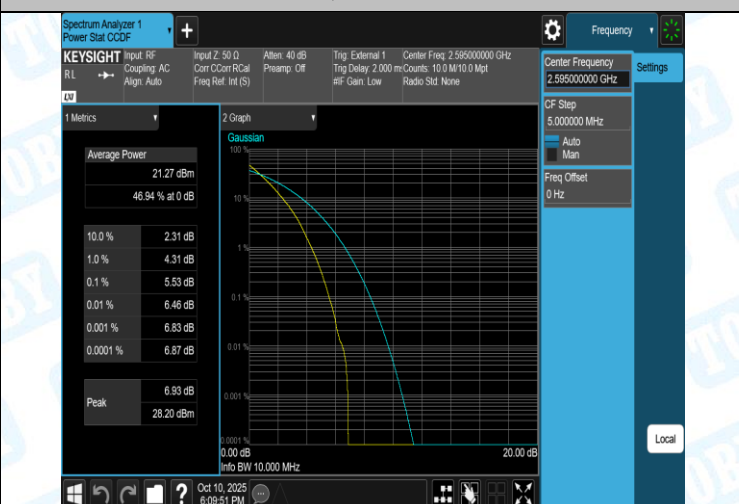
Band38-5MHz-16QAM-37775-25RB#0-PASS



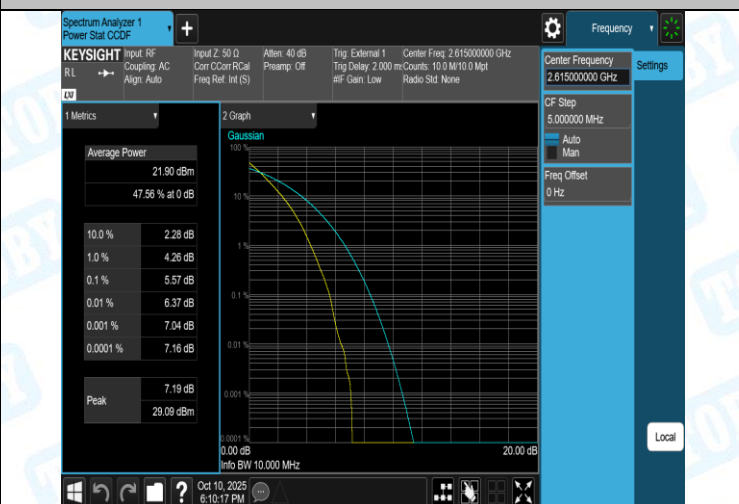




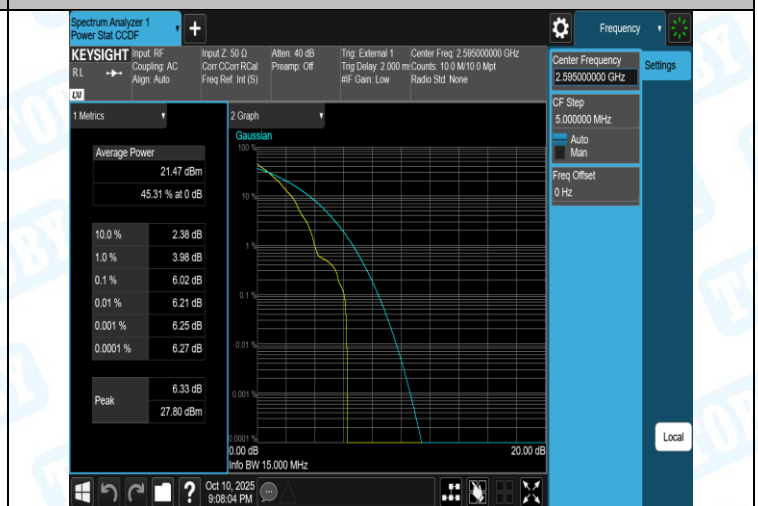
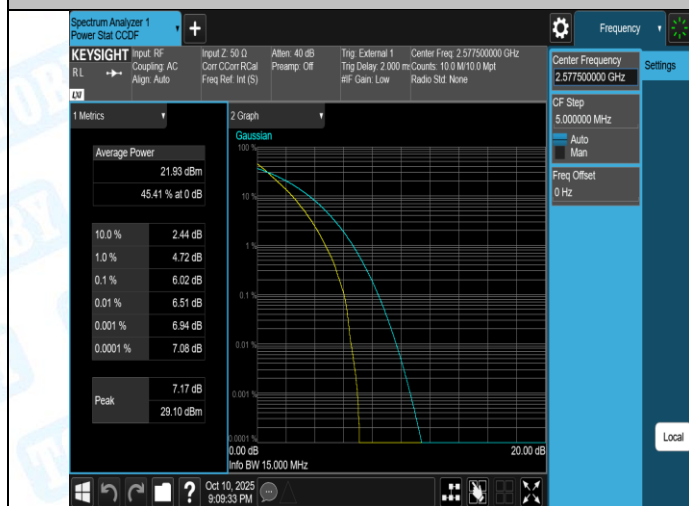
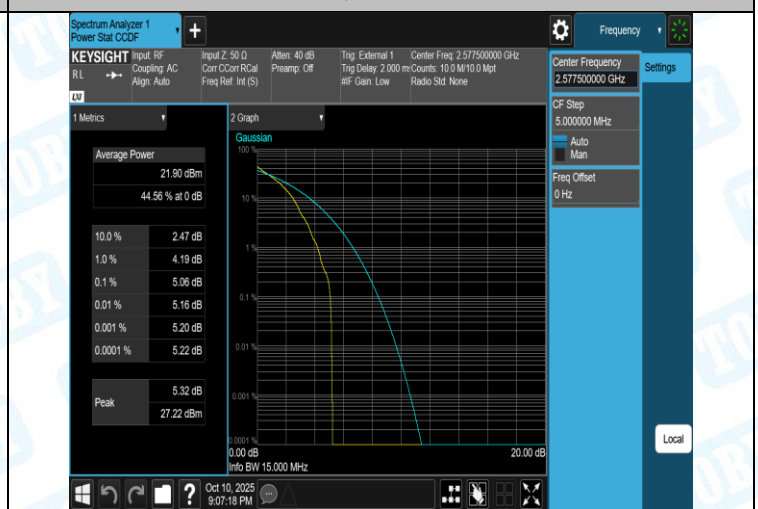
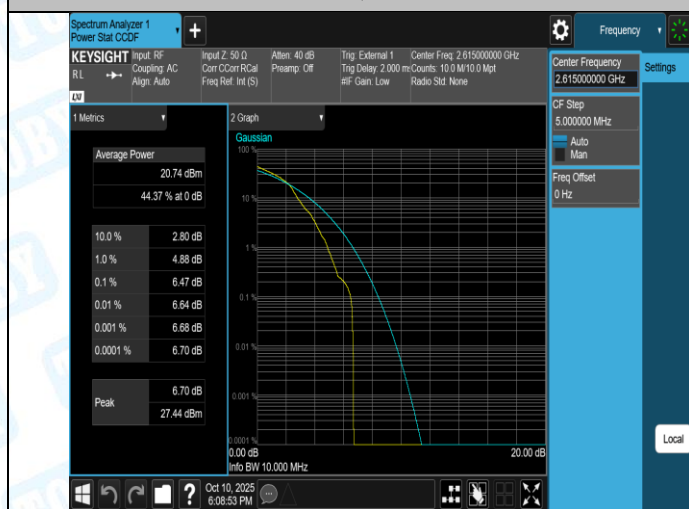
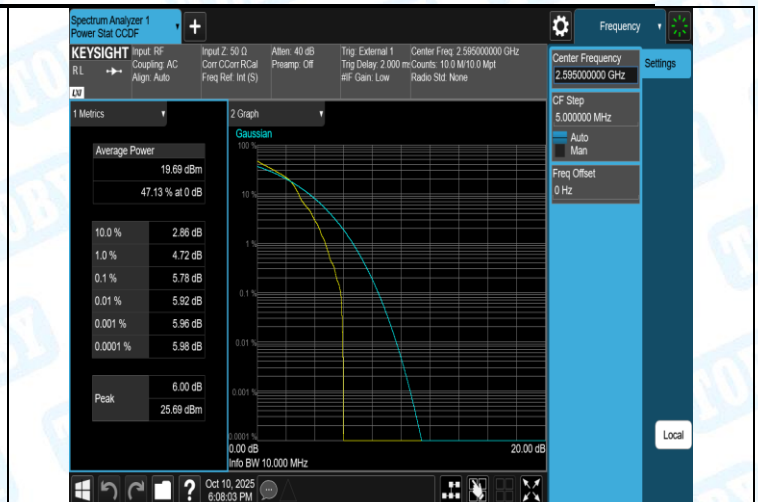
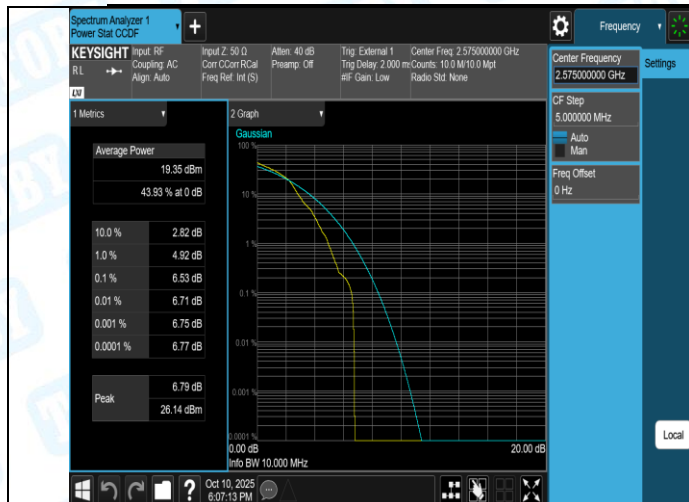
Band38-10MHz-QPSK-38000-50RB#0-PASS

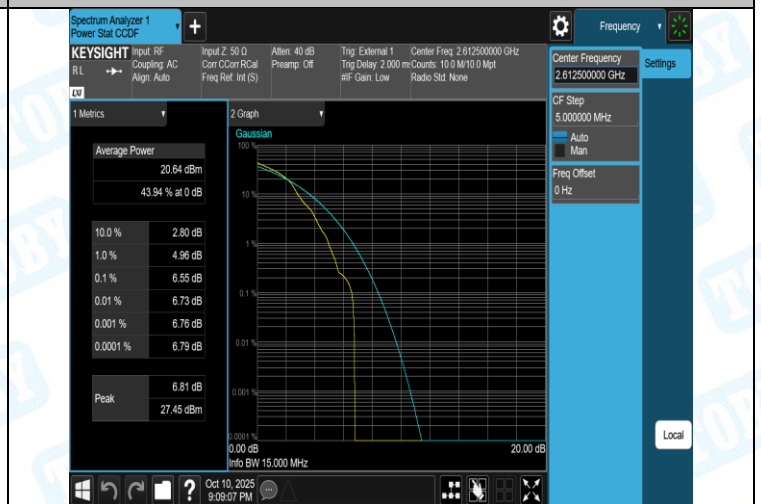
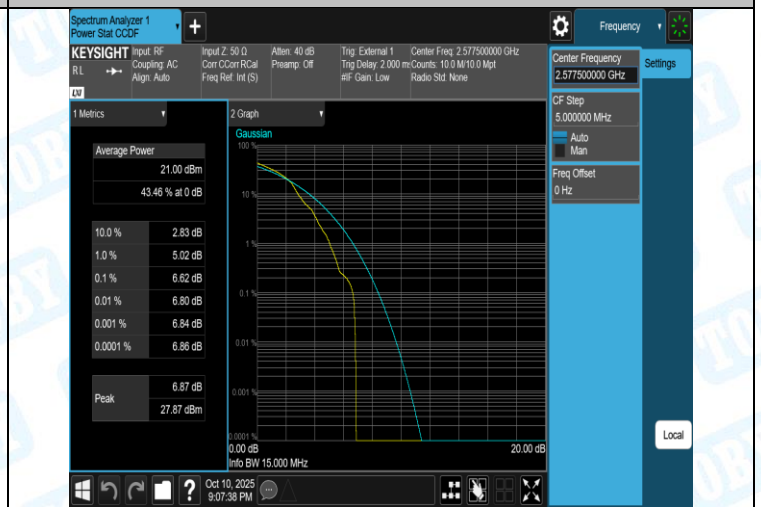
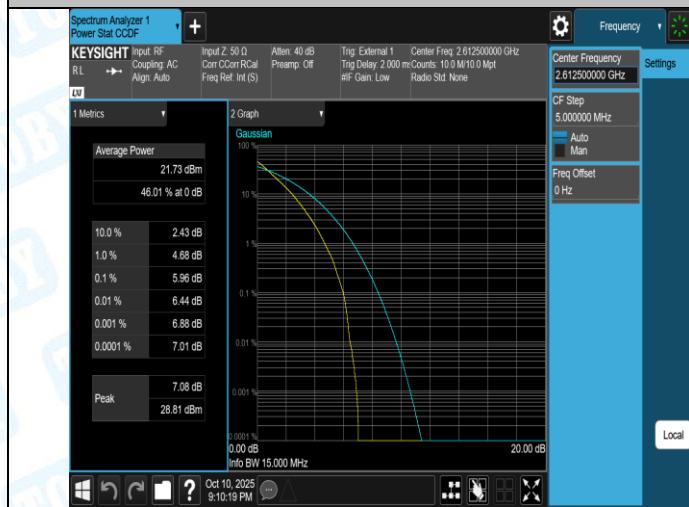
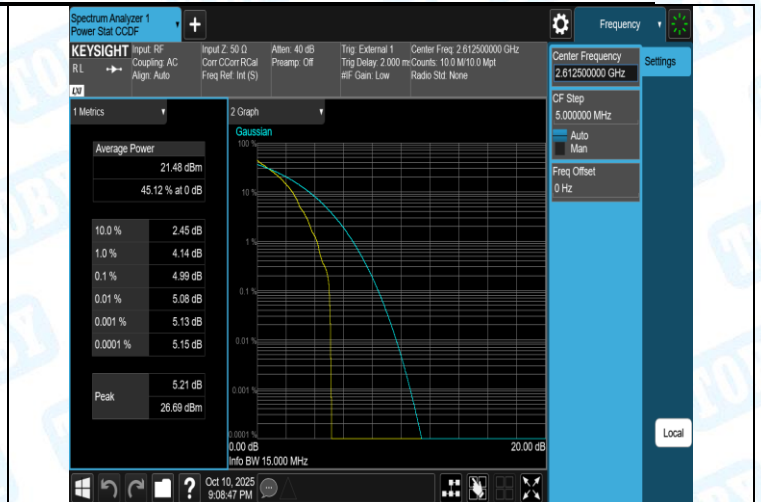
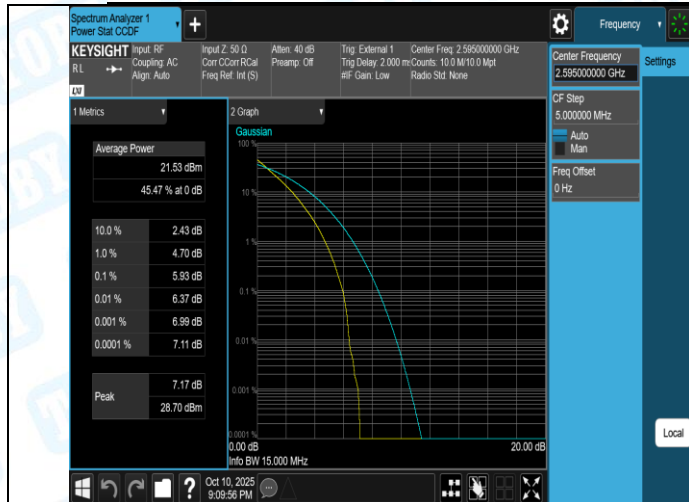


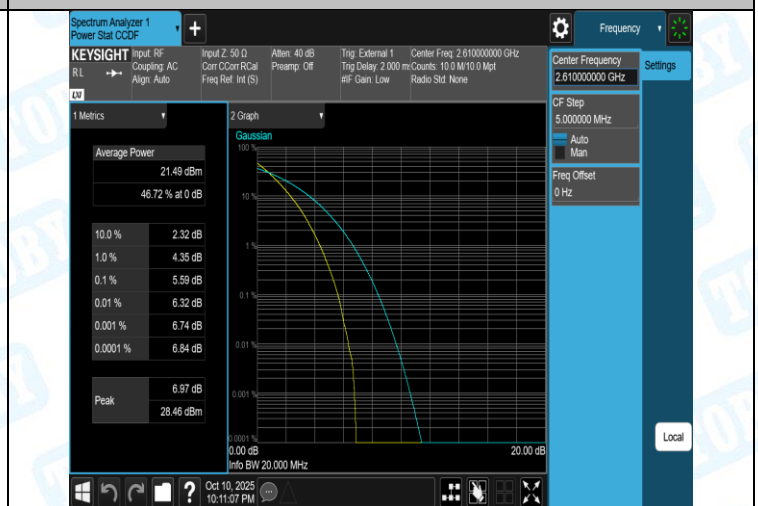
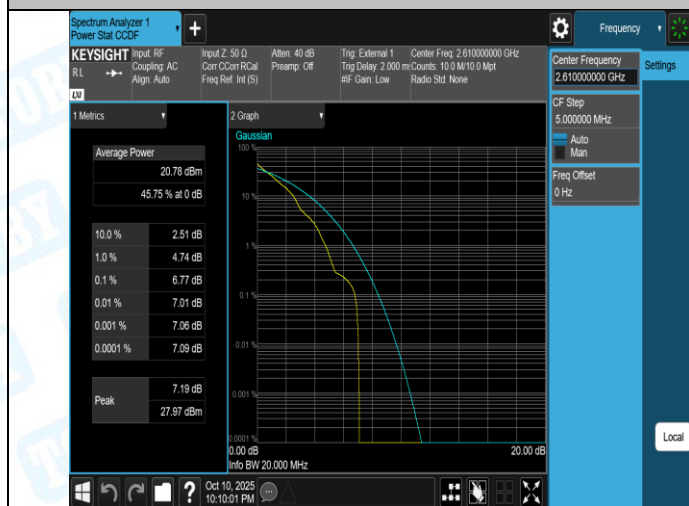
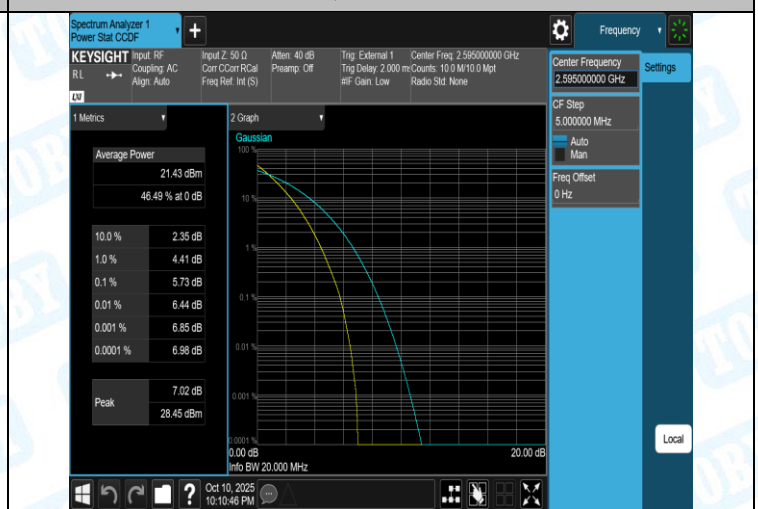
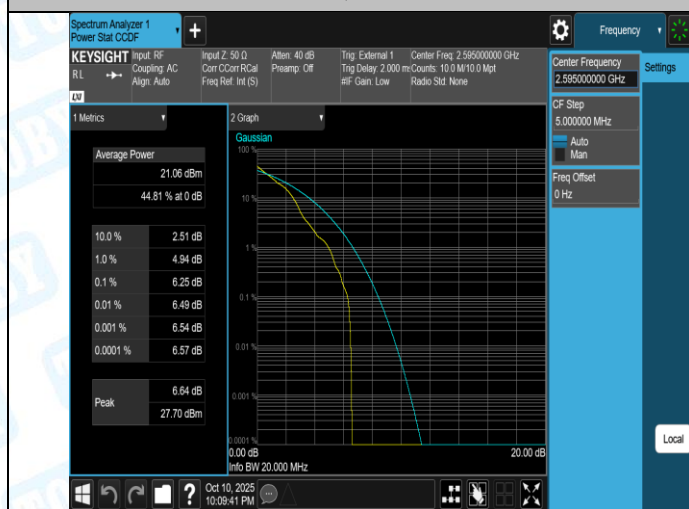
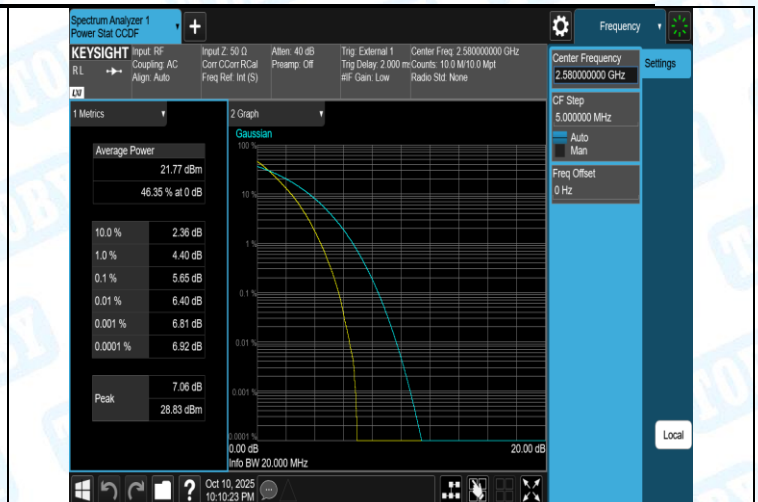
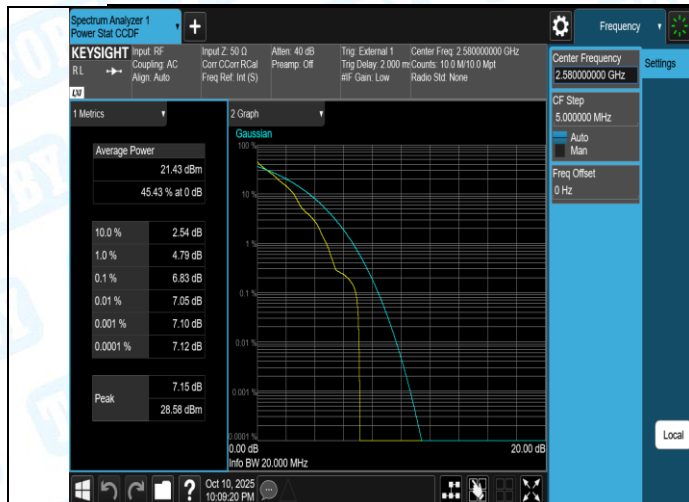
Band38-10MHz-QPSK-38200-50RB#0-PASS



Band38-10MHz-16QAM-38000-1RB#0-PASS







3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4941	4.937	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4817	4.946	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4940	4.964	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4862	4.935	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4844	4.921	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4928	4.985	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9034	9.968	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9166	9.763	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9041	9.893	PASS
Band38	10MHz	16QAM	37800	27RB#0	4.9313	5.924	PASS
Band38	10MHz	16QAM	38000	27RB#0	4.9438	5.967	PASS
Band38	10MHz	16QAM	38200	27RB#0	4.9370	5.908	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.401	14.95	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.381	15.01	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.453	14.79	PASS
Band38	15MHz	16QAM	37825	27RB#0	5.0777	6.552	PASS
Band38	15MHz	16QAM	38000	27RB#0	5.1689	6.786	PASS
Band38	15MHz	16QAM	38175	27RB#0	5.0759	6.443	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.820	19.58	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.847	19.49	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.801	19.57	PASS
Band38	20MHz	16QAM	37850	27RB#0	5.2042	6.521	PASS
Band38	20MHz	16QAM	38000	27RB#0	5.2649	7.056	PASS
Band38	20MHz	16QAM	38150	27RB#0	5.1881	6.649	PASS

Test Graphs

