

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
Band5	1.4MHz	QPSK	20407	1RB#0	23.71	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.61	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.51	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.66	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.66	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.51	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.72	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.80	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.87	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.87	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.84	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.89	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.87	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.80	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.82	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.94	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.90	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.83	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.83	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.84	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.90	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.86	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.71	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.66	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.64	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.73	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.52	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.82	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.10	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.82	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.57	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.76	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.84	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.95	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.65	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.85	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.86	38.45	PASS

Band5	1.4MHz	16QAM	20643	3RB#1	21.79	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.84	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.91	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.66	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.45	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.92	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.75	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.58	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.35	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.55	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.50	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.99	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.01	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.68	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.90	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.89	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.77	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.15	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.08	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.85	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.25	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.05	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.97	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.06	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.94	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.50	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.21	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.87	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.53	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.50	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.58	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.47	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.28	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.83	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.88	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.97	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.08	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.97	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.17	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.81	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.93	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.29	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.12	38.45	PASS

Band5	3MHz	16QAM	20635	8RB#7	21.10	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.10	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.06	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.46	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.98	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.86	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.55	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.17	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.51	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.85	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.13	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.56	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.91	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.07	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.30	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.09	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.87	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.40	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.19	38.45	PASS
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Band5	5MHz	16QAM	20425	1RB#12	22.32	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.73	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.00	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.55	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.31	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.52	38.45	PASS
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Band5	5MHz	16QAM	20525	1RB#12	22.33	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.82	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.09	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.16	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.46	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.12	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.00	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.38	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.14	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.79	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.53	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.34	38.45	PASS

Band5	5MHz	16QAM	20625	25RB#0	21.59	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.96	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.97	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.55	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.40	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.01	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.71	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.09	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.19	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.13	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.75	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.61	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.01	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.24	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.99	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.38	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.92	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.84	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.96	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.84	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.28	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.61	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.09	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.94	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	20.78	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.63	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.16	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.89	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.23	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.34	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.61	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.76	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.19	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.41	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.46	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.65	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.80	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.01	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.87	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.43	38.45	PASS

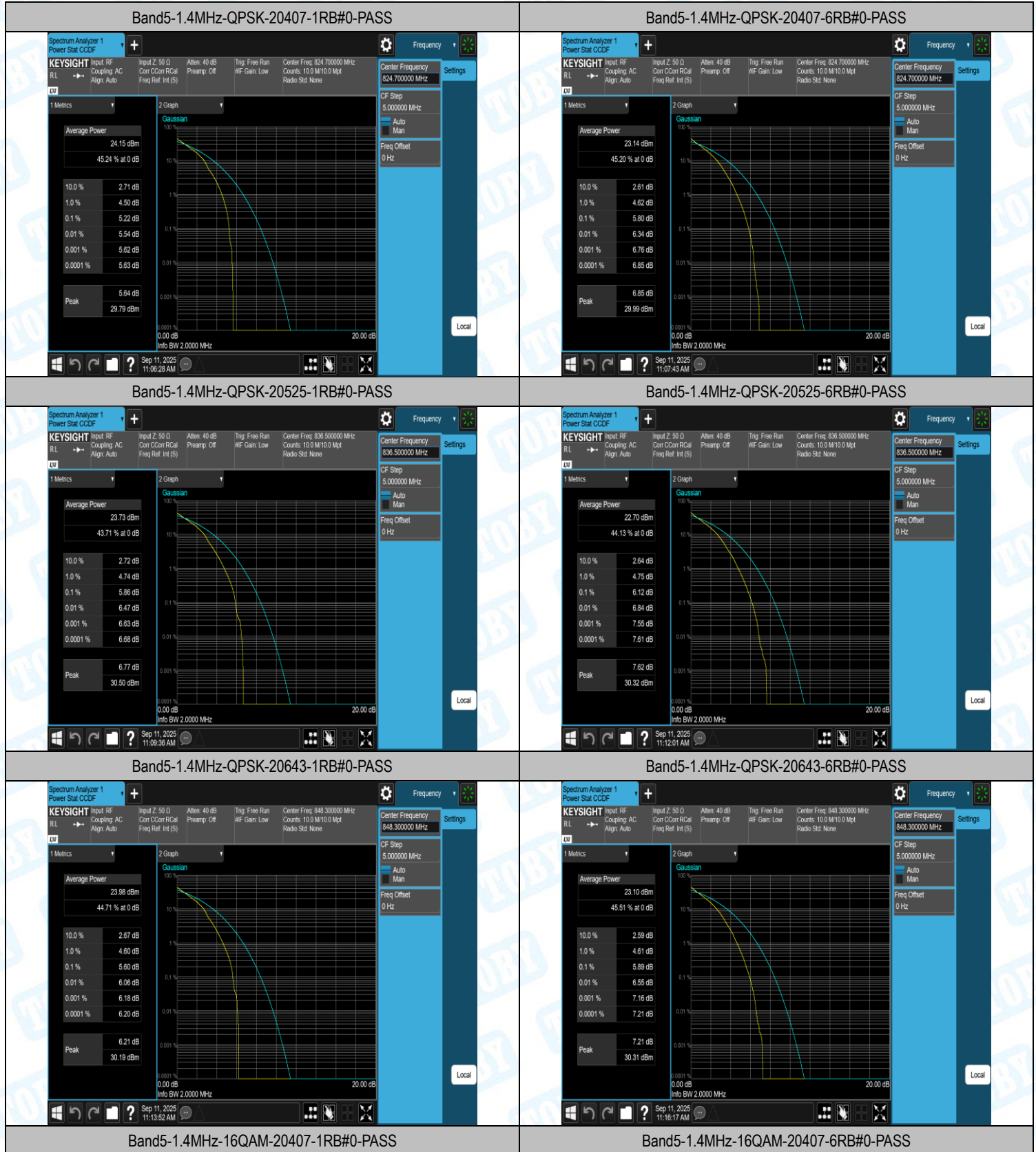
2: Peak-to-Average Ratio(CCDF)

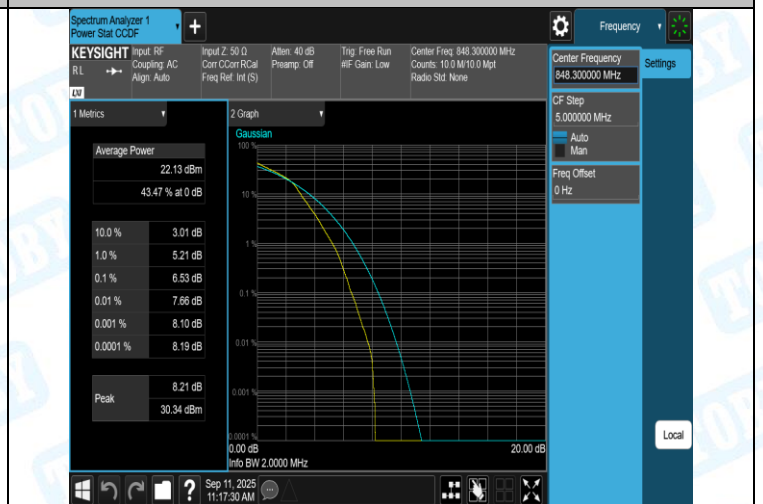
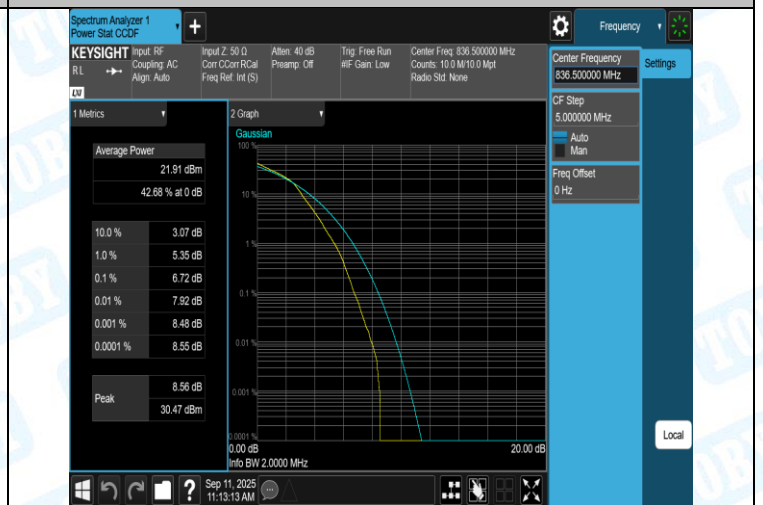
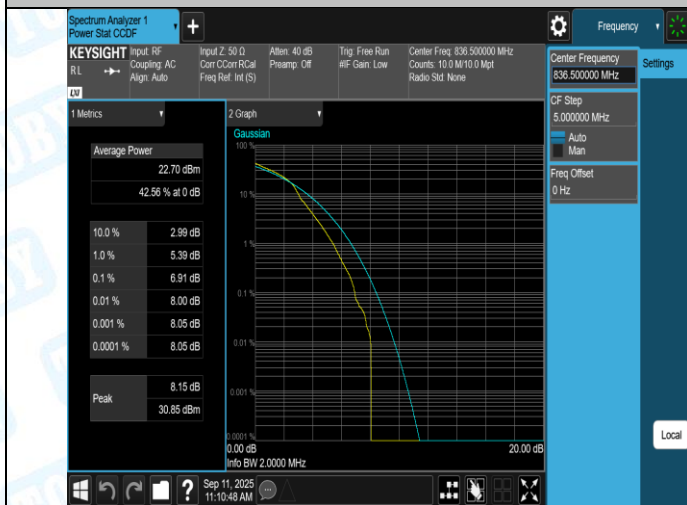
Test Result

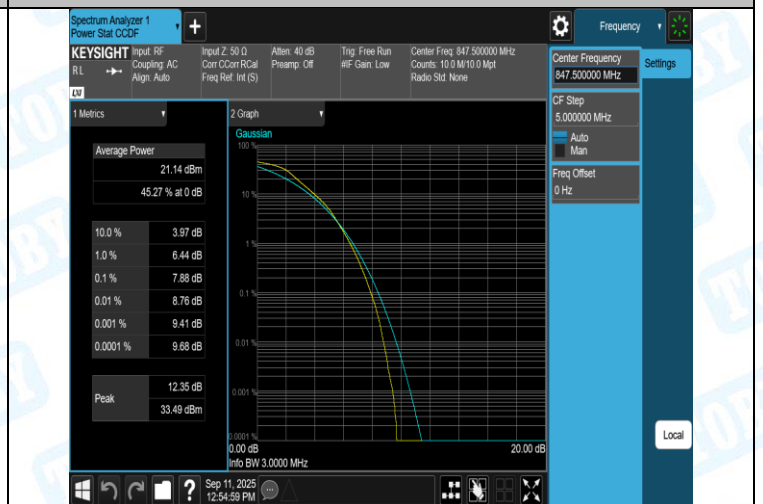
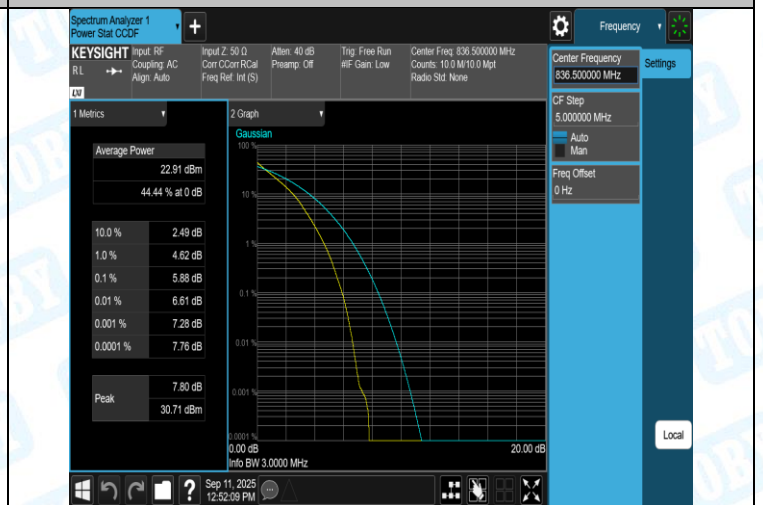
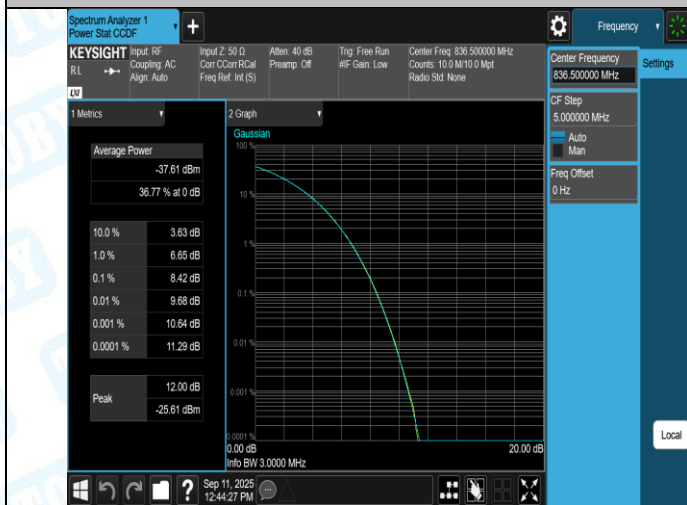
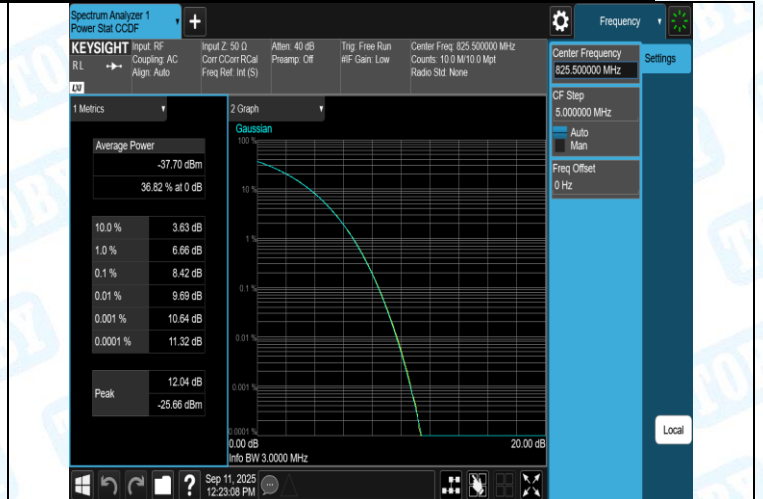
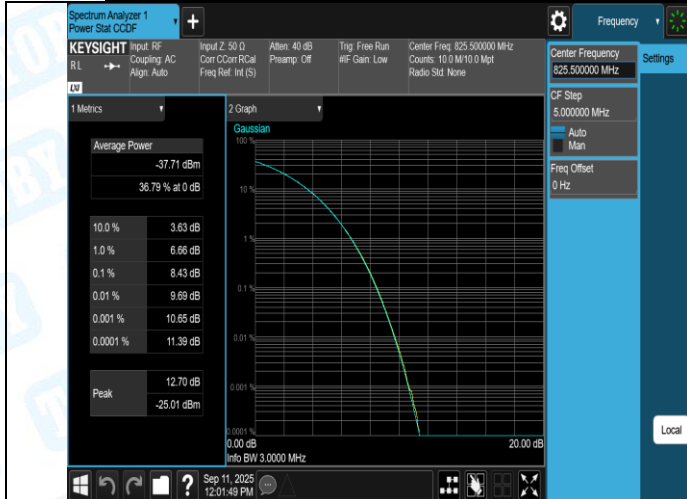
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.22	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.80	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.86	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	6.12	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.60	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.89	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.15	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.47	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.91	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.72	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.52	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.53	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	8.43	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	8.42	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	8.42	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.88	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.65	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	7.88	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	8.42	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	8.44	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.81	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.62	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.40	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.67	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.01	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.94	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.89	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.97	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.98	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.85	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.52	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.71	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.54	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.81	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.41	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.39	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.88	13	PASS

Band5	10MHz	QPSK	20525	1RB#0	6.21	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	6.28	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.76	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.49	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.13	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.63	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.56	13	PASS

Test Graphs

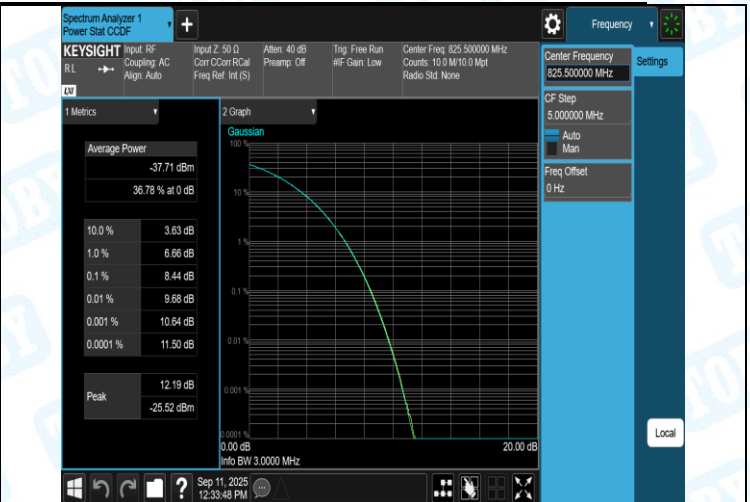




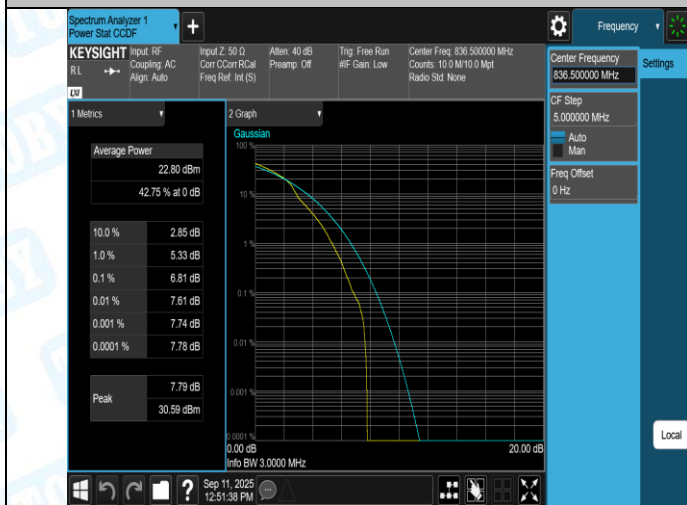




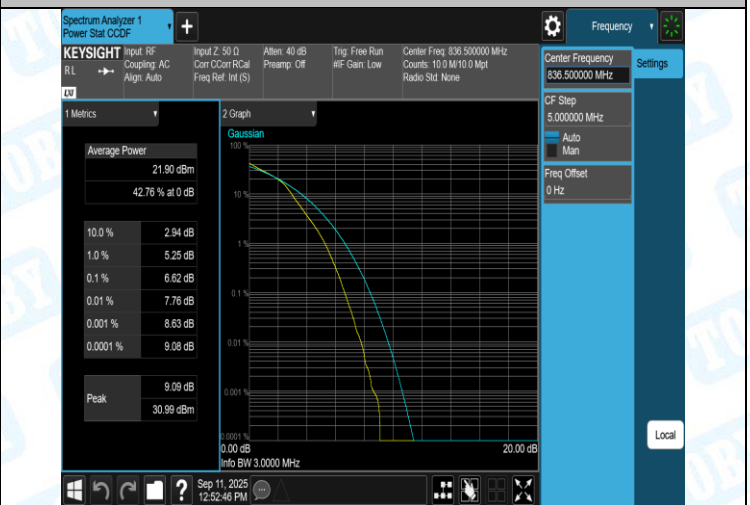
Band5-3MHz-16QAM-20525-1RB#0-PASS



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



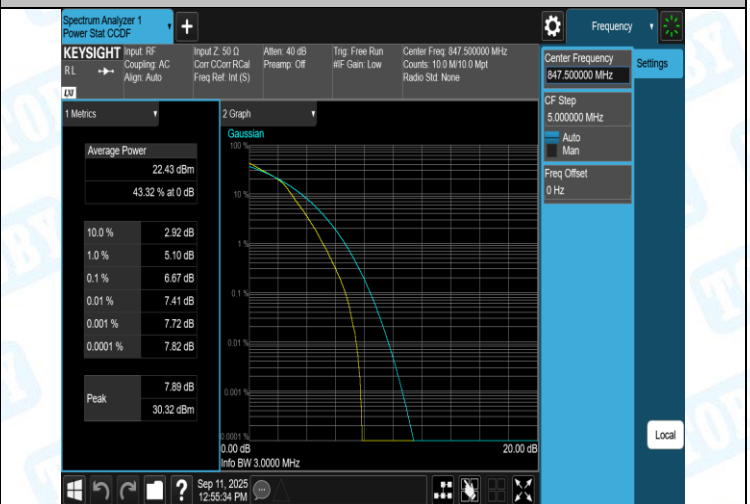
Band5-3MHz-16QAM-20635-1RB#0-PASS



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



Band5-5MHz-QPSK-20425-1RB#0-PASS



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

