

LTE Test Data

General Description of EUT	
Product Name:	Eudora
Test Model:	E10 Pro
Sample ID:	202312-0233-1-2#
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.8V
Test Engineer:	Yan zhen ming
Note: For a more detailed features description, please refer to the report TBR-C-202312-0233-25 . The report only show the worst case data.	

Contents

LTE Test Data	1
1. Conducted Power Output Data	3
Test Result	3
2. Peak-to-Average Ratio(CCDF).....	7
Test Result	7
Test Graphs.....	9
3. 26dB Bandwidth and Occupied Bandwidth	17
Test Result	17
Test Graphs.....	18
4. Band Edge	22
Test Result	22
Test Graphs.....	24
5. Conducted Spurious Emission.....	32
Test Result	32
Test Graphs.....	35
6. Frequency Stability	55
Test Result	55

1. Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	17.15	PASS
Band41	5MHz	16QAM	39675	1RB#0	16.18	PASS
Band41	5MHz	QPSK	39675	1RB#12	17.14	PASS
Band41	5MHz	16QAM	39675	1RB#12	16.24	PASS
Band41	5MHz	QPSK	39675	1RB#24	17.06	PASS
Band41	5MHz	16QAM	39675	1RB#24	16.14	PASS
Band41	5MHz	QPSK	39675	12RB#0	16.08	PASS
Band41	5MHz	16QAM	39675	12RB#0	15.01	PASS
Band41	5MHz	QPSK	39675	12RB#6	16.08	PASS
Band41	5MHz	16QAM	39675	12RB#6	15.01	PASS
Band41	5MHz	QPSK	39675	12RB#13	16.17	PASS
Band41	5MHz	16QAM	39675	12RB#13	15.10	PASS
Band41	5MHz	QPSK	39675	25RB#0	16.15	PASS
Band41	5MHz	16QAM	39675	25RB#0	15.06	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.25	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.52	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.37	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.65	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.31	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.59	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.32	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.32	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.30	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.29	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.36	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.39	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.35	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.37	PASS
Band41	5MHz	QPSK	41565	1RB#0	24.98	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.20	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.05	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.28	PASS
Band41	5MHz	QPSK	41565	1RB#24	24.90	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.19	PASS
Band41	5MHz	QPSK	41565	12RB#0	24.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.96	PASS
Band41	5MHz	QPSK	41565	12RB#6	23.98	PASS
Band41	5MHz	16QAM	41565	12RB#6	22.93	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.01	PASS

Band41	5MHz	16QAM	41565	12RB#13	22.97	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.01	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.02	PASS
Band41	10MHz	QPSK	39700	1RB#0	17.17	PASS
Band41	10MHz	16QAM	39700	1RB#0	16.41	PASS
Band41	10MHz	QPSK	39700	1RB#24	17.36	PASS
Band41	10MHz	16QAM	39700	1RB#24	16.58	PASS
Band41	10MHz	QPSK	39700	1RB#49	17.17	PASS
Band41	10MHz	16QAM	39700	1RB#49	16.46	PASS
Band41	10MHz	QPSK	39700	25RB#0	16.07	PASS
Band41	10MHz	16QAM	39700	25RB#0	15.16	PASS
Band41	10MHz	QPSK	39700	25RB#12	16.08	PASS
Band41	10MHz	16QAM	39700	25RB#12	15.18	PASS
Band41	10MHz	QPSK	39700	25RB#25	16.17	PASS
Band41	10MHz	16QAM	39700	25RB#25	15.29	PASS
Band41	10MHz	QPSK	39700	50RB#0	16.12	PASS
Band41	10MHz	16QAM	39700	50RB#0	15.17	PASS
Band41	10MHz	QPSK	40620	1RB#0	24.32	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.42	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.58	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.72	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.47	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.61	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.37	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.44	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.36	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.40	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.50	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.57	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.40	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.46	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.98	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.13	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.30	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.36	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.97	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.14	PASS
Band41	10MHz	QPSK	41540	25RB#0	24.01	PASS
Band41	10MHz	16QAM	41540	25RB#0	23.04	PASS
Band41	10MHz	QPSK	41540	25RB#12	23.98	PASS
Band41	10MHz	16QAM	41540	25RB#12	23.06	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.10	PASS
Band41	10MHz	16QAM	41540	25RB#25	23.16	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.03	PASS

Band41	10MHz	16QAM	41540	50RB#0	23.05	PASS
Band41	15MHz	QPSK	39725	1RB#0	17.07	PASS
Band41	15MHz	16QAM	39725	1RB#0	16.35	PASS
Band41	15MHz	QPSK	39725	1RB#38	17.17	PASS
Band41	15MHz	16QAM	39725	1RB#38	16.43	PASS
Band41	15MHz	QPSK	39725	1RB#74	17.14	PASS
Band41	15MHz	16QAM	39725	1RB#74	16.39	PASS
Band41	15MHz	QPSK	39725	38RB#0	16.08	PASS
Band41	15MHz	16QAM	39725	38RB#0	16.08	PASS
Band41	15MHz	QPSK	39725	38RB#18	16.06	PASS
Band41	15MHz	16QAM	39725	38RB#18	16.09	PASS
Band41	15MHz	QPSK	39725	38RB#37	16.10	PASS
Band41	15MHz	16QAM	39725	38RB#37	16.11	PASS
Band41	15MHz	QPSK	39725	75RB#0	16.08	PASS
Band41	15MHz	16QAM	39725	75RB#0	15.13	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.19	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.30	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.41	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.57	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.43	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.51	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.46	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.45	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.47	PASS
Band41	15MHz	16QAM	40620	38RB#18	23.48	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.48	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.50	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.45	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.45	PASS
Band41	15MHz	QPSK	41515	1RB#0	24.82	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.95	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.05	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.18	PASS
Band41	15MHz	QPSK	41515	1RB#74	24.93	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.04	PASS
Band41	15MHz	QPSK	41515	38RB#0	24.07	PASS
Band41	15MHz	16QAM	41515	38RB#0	24.08	PASS
Band41	15MHz	QPSK	41515	38RB#18	24.06	PASS
Band41	15MHz	16QAM	41515	38RB#18	24.06	PASS
Band41	15MHz	QPSK	41515	38RB#37	24.06	PASS
Band41	15MHz	16QAM	41515	38RB#37	24.05	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.07	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.06	PASS
Band41	20MHz	QPSK	39750	1RB#0	16.90	PASS

Band41	20MHz	16QAM	39750	1RB#0	15.97	PASS
Band41	20MHz	QPSK	39750	1RB#49	17.32	PASS
Band41	20MHz	16QAM	39750	1RB#49	16.39	PASS
Band41	20MHz	QPSK	39750	1RB#99	17.07	PASS
Band41	20MHz	16QAM	39750	1RB#99	16.14	PASS
Band41	20MHz	QPSK	39750	50RB#0	16.05	PASS
Band41	20MHz	16QAM	39750	50RB#0	15.08	PASS
Band41	20MHz	QPSK	39750	50RB#25	15.99	PASS
Band41	20MHz	16QAM	39750	50RB#25	15.06	PASS
Band41	20MHz	QPSK	39750	50RB#50	16.16	PASS
Band41	20MHz	16QAM	39750	50RB#50	15.22	PASS
Band41	20MHz	QPSK	39750	100RB#0	16.07	PASS
Band41	20MHz	16QAM	39750	100RB#0	15.16	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.96	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.98	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.58	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.54	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.26	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.26	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.21	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.25	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.19	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.25	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.52	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.52	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.34	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.39	PASS
Band41	20MHz	QPSK	41490	1RB#0	24.62	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.54	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.22	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.14	PASS
Band41	20MHz	QPSK	41490	1RB#99	24.79	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.78	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.80	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.84	PASS
Band41	20MHz	QPSK	41490	50RB#25	23.82	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.81	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.16	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.17	PASS
Band41	20MHz	QPSK	41490	100RB#0	23.94	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.99	PASS

2. Peak-to-Average Ratio(CCDF)

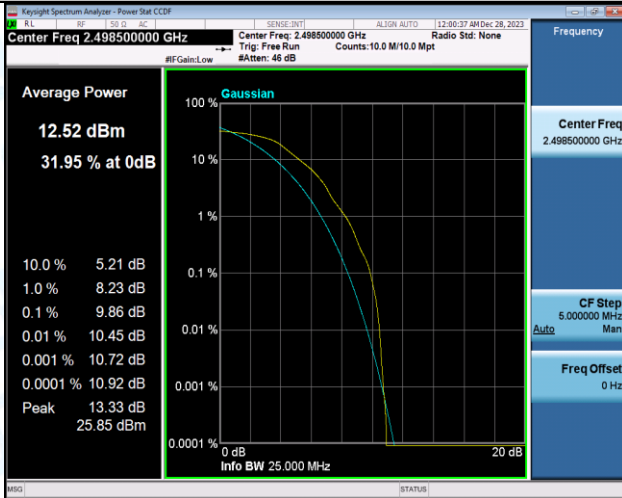
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	9.86	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	10.50	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.58	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	10.08	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.26	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.15	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	8.59	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.27	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	7.89	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	9.22	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	8.76	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.34	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	9.78	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	10.38	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.49	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	10.59	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	7.99	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	9.16	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.56	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.62	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	7.69	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.84	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.14	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.57	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	9.95	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	10.38	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.88	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	10.87	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	7.96	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	9.24	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.19	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.73	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	7.97	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.90	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.15	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.59	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.75	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	10.09	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	9.76	13	PASS

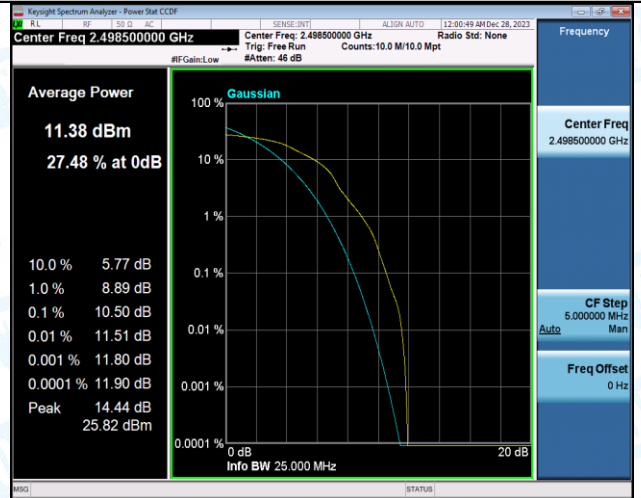
Band41	20MHz	16QAM	39750	100RB#0	10.18	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.31	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	9.57	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.63	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.62	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.77	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.42	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.62	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	10.17	13	PASS

Test Graphs

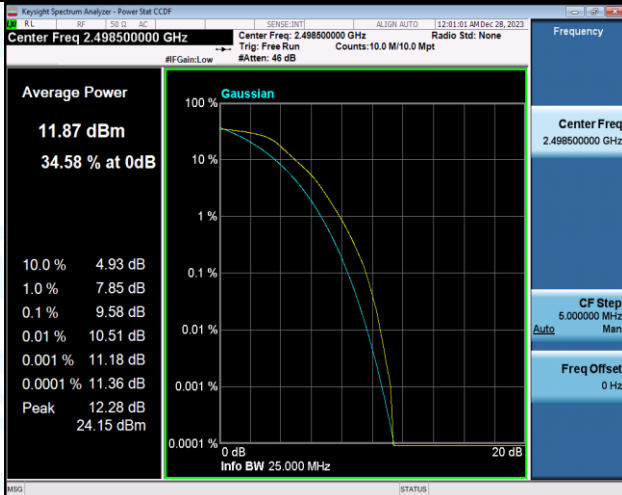
Band41-5MHz-QPSK-39675-1RB#0-PASS



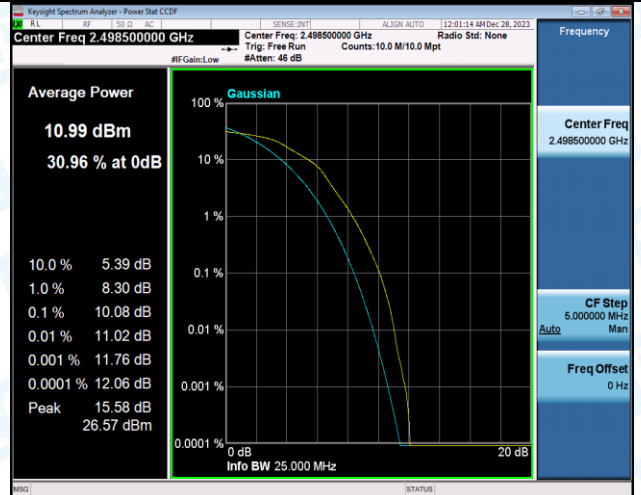
Band41-5MHz-16QAM-39675-1RB#0-PASS



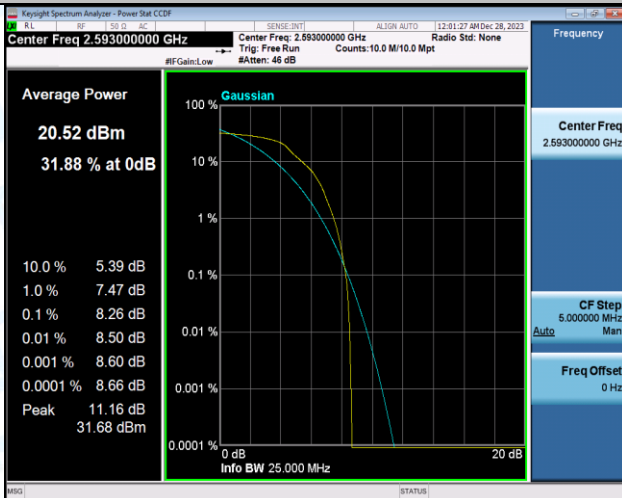
Band41-5MHz-QPSK-39675-25RB#0-PASS



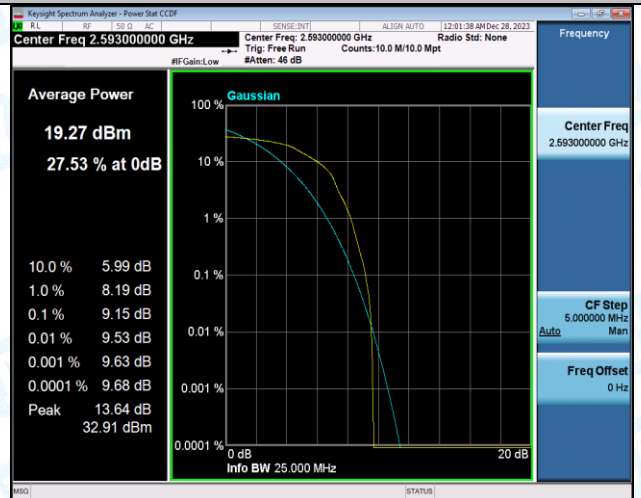
Band41-5MHz-16QAM-39675-25RB#0-PASS



Band41-5MHz-QPSK-40620-1RB#0-PASS

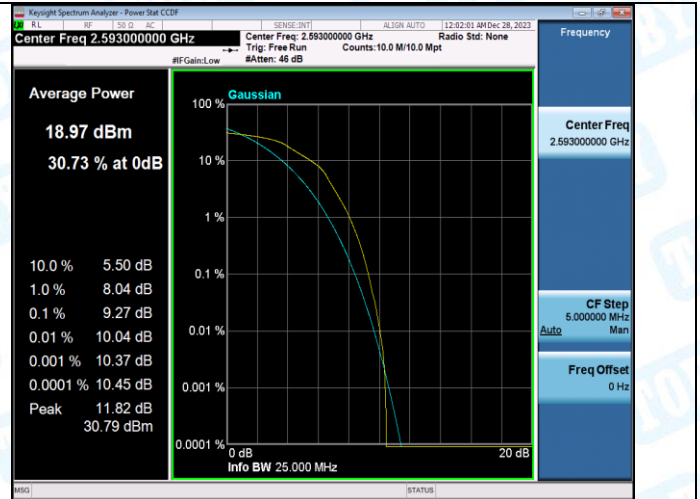
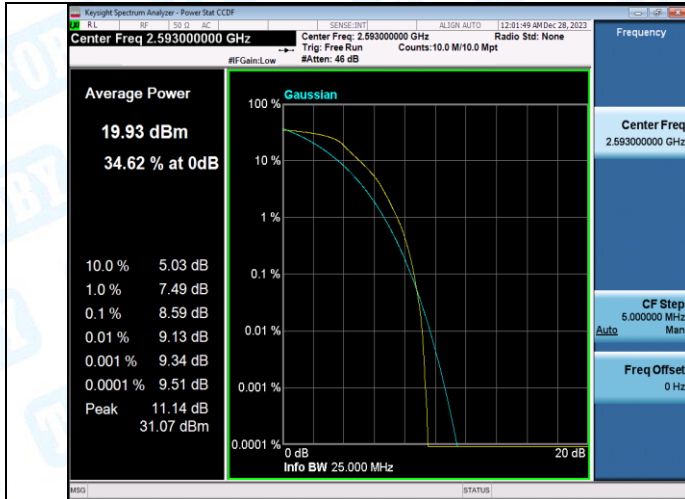


Band41-5MHz-16QAM-40620-1RB#0-PASS



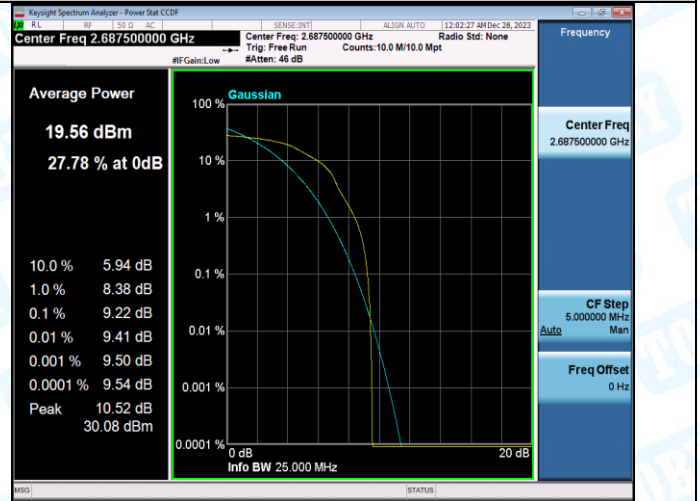
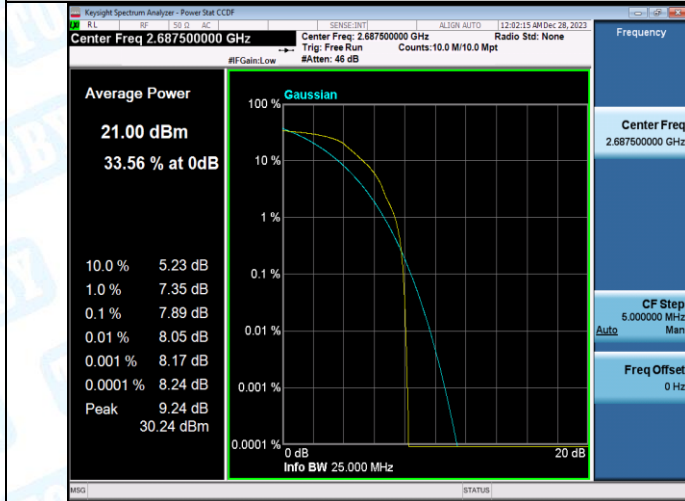
Band41-5MHz-QPSK-40620-25RB#0-PASS

Band41-5MHz-16QAM-40620-25RB#0-PASS



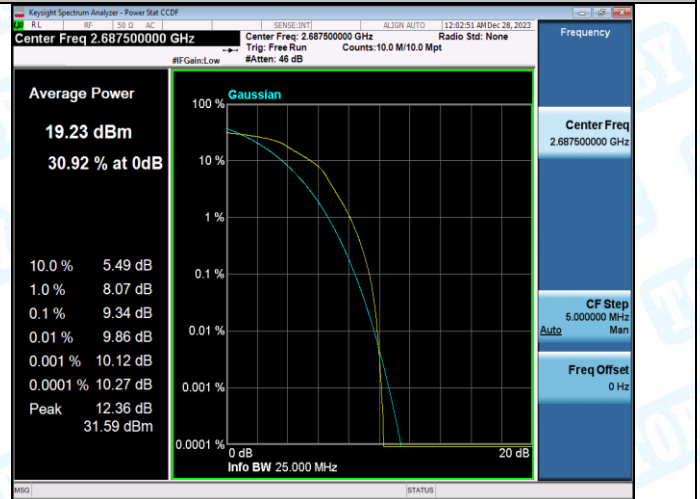
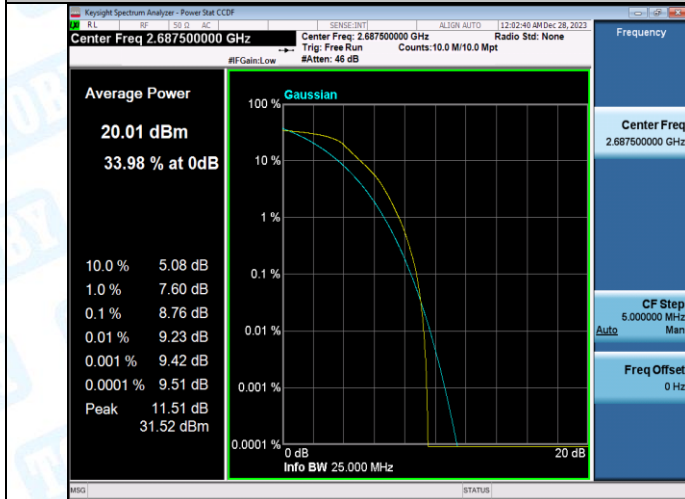
Band41-5MHz-QPSK-41565-1RB#0-PASS

Band41-5MHz-16QAM-41565-1RB#0-PASS



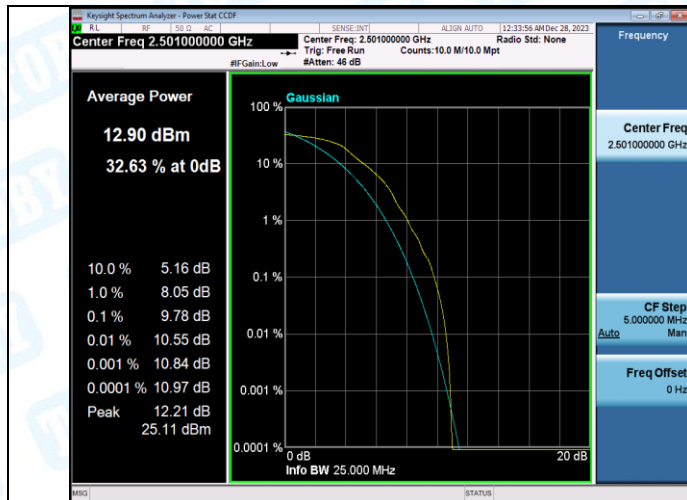
Band41-5MHz-QPSK-41565-25RB#0-PASS

Band41-5MHz-16QAM-41565-25RB#0-PASS

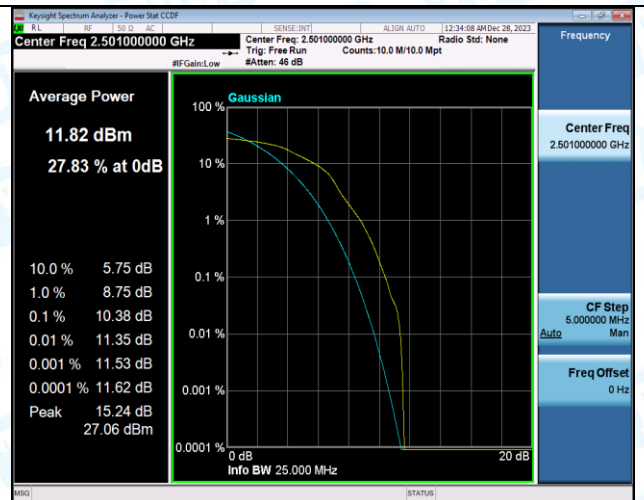


Band41-10MHz-QPSK-39700-1RB#0-PASS

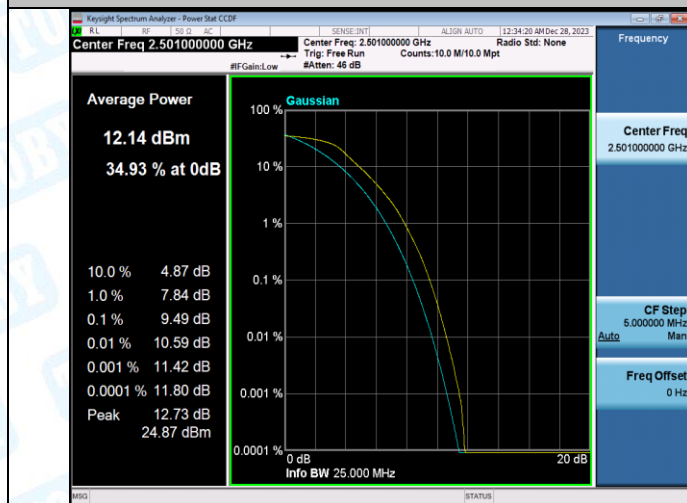
Band41-10MHz-16QAM-39700-1RB#0-PASS



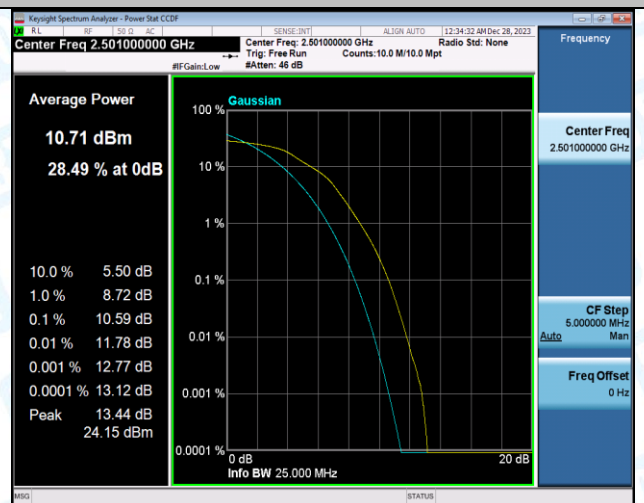
Band41-10MHz-QPSK-39700-50RB#0-PASS



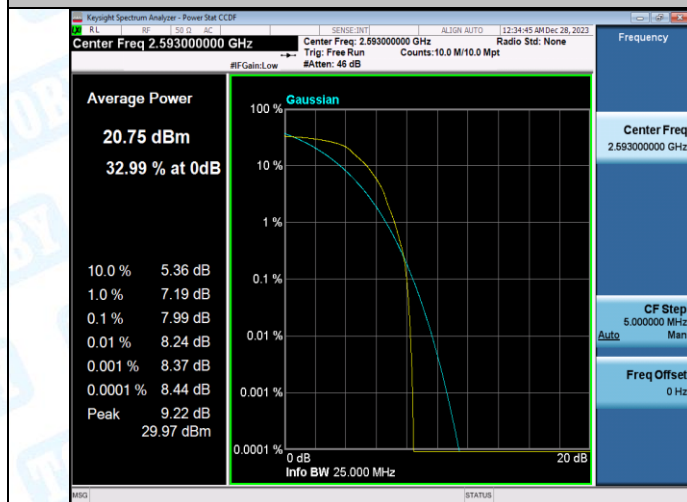
Band41-10MHz-16QAM-39700-50RB#0-PASS



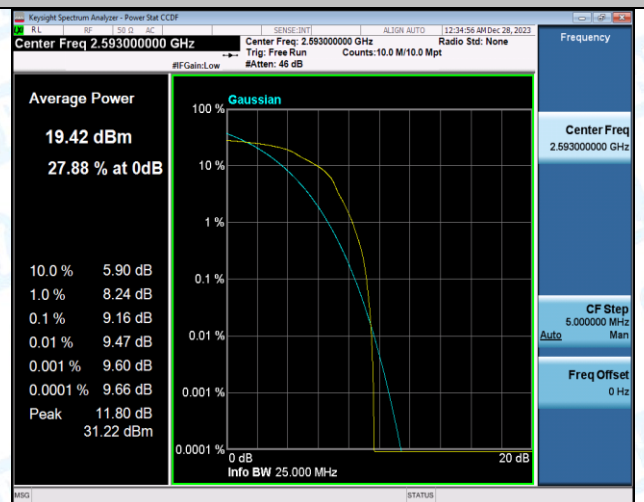
Band41-10MHz-QPSK-40620-1RB#0-PASS



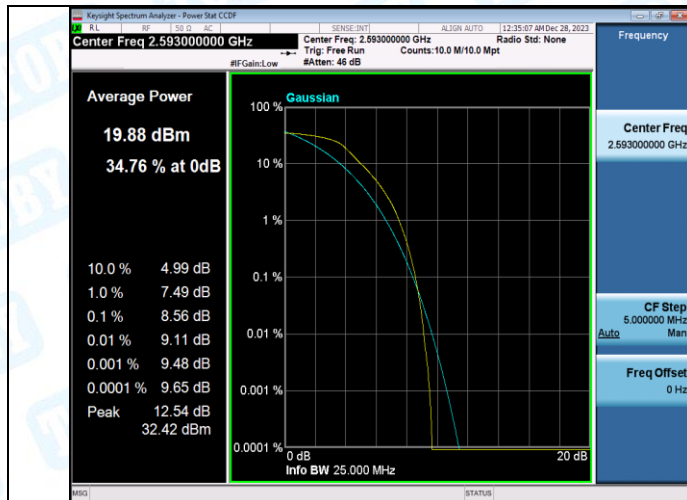
Band41-10MHz-16QAM-40620-1RB#0-PASS



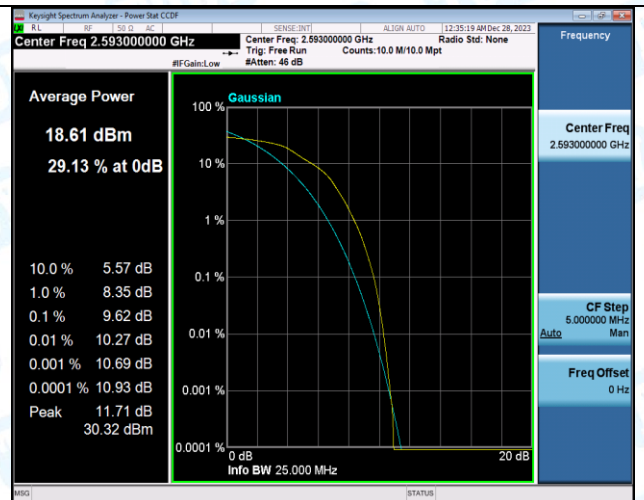
Band41-10MHz-QPSK-40620-50RB#0-PASS



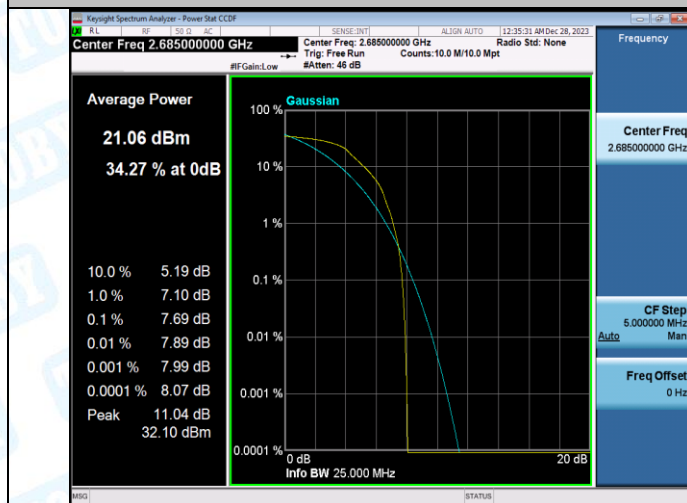
Band41-10MHz-16QAM-40620-50RB#0-PASS



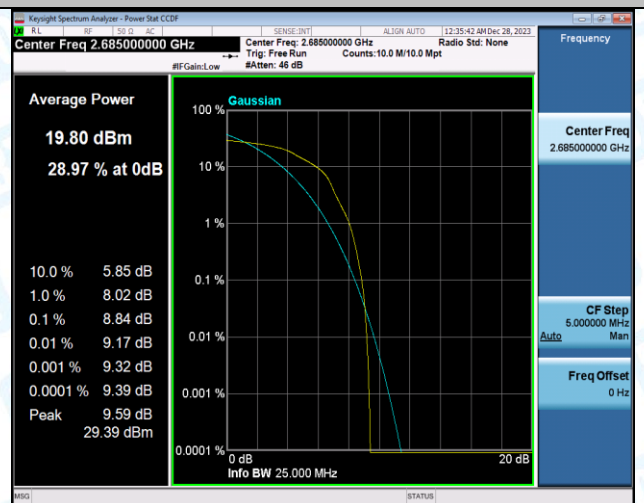
Band41-10MHz-QPSK-41540-1RB#0-PASS



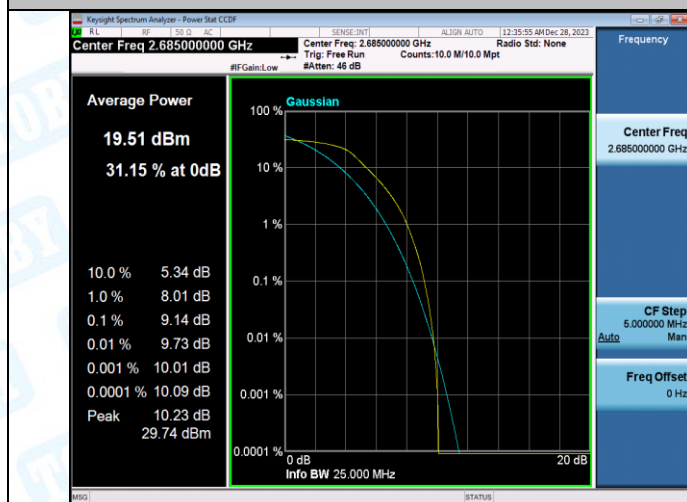
Band41-10MHz-16QAM-41540-1RB#0-PASS



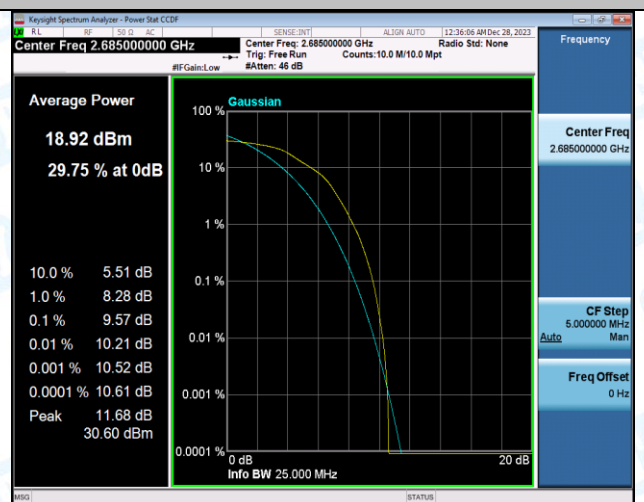
Band41-10MHz-QPSK-41540-50RB#0-PASS



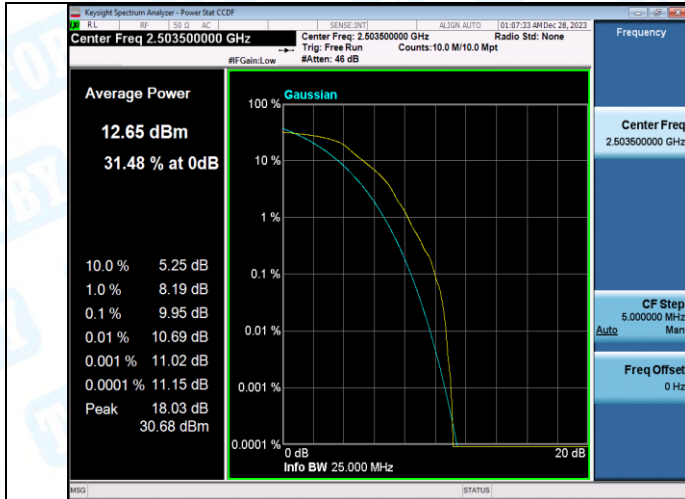
Band41-10MHz-16QAM-41540-50RB#0-PASS



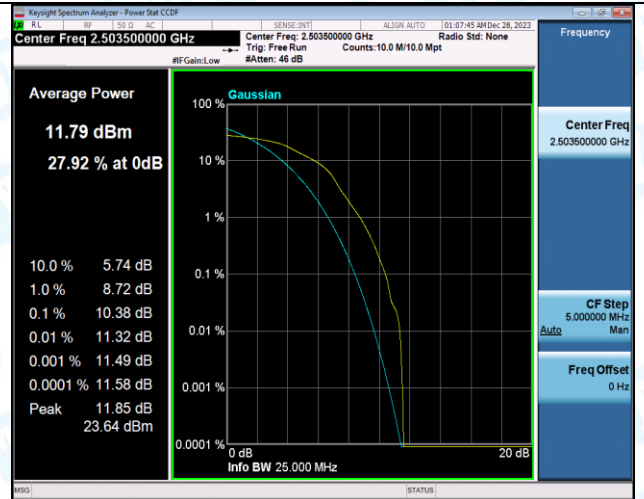
Band41-15MHz-QPSK-39725-1RB#0-PASS



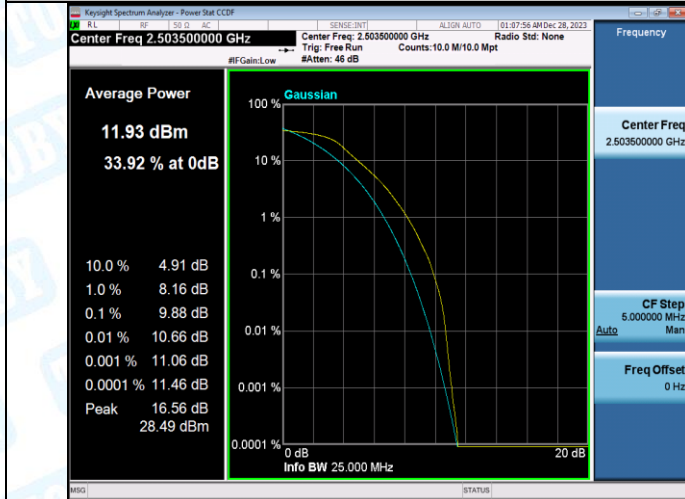
Band41-15MHz-16QAM-39725-1RB#0-PASS



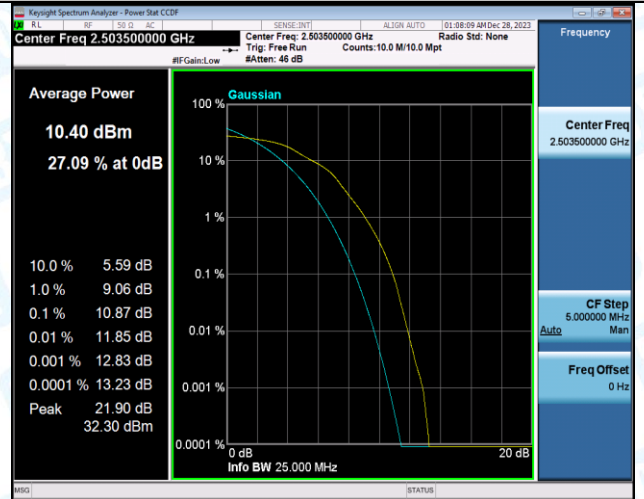
Band41-15MHz-QPSK-39725-75RB#0-PASS



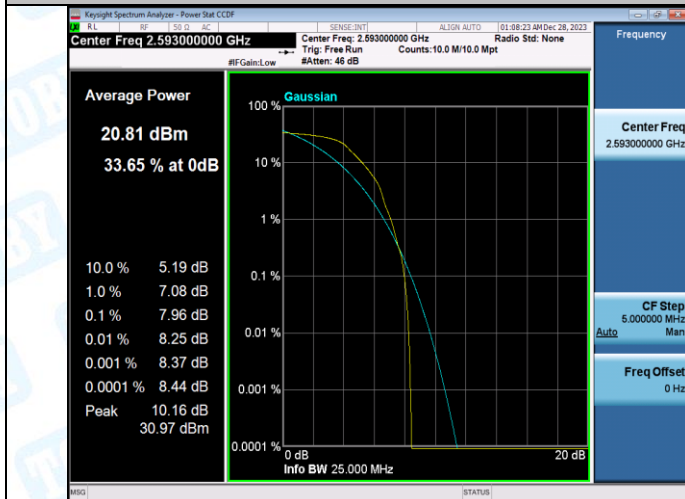
Band41-15MHz-16QAM-39725-75RB#0-PASS



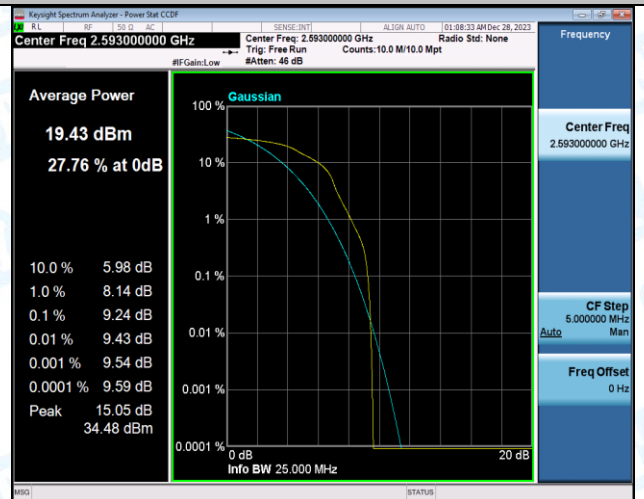
Band41-15MHz-QPSK-40620-1RB#0-PASS



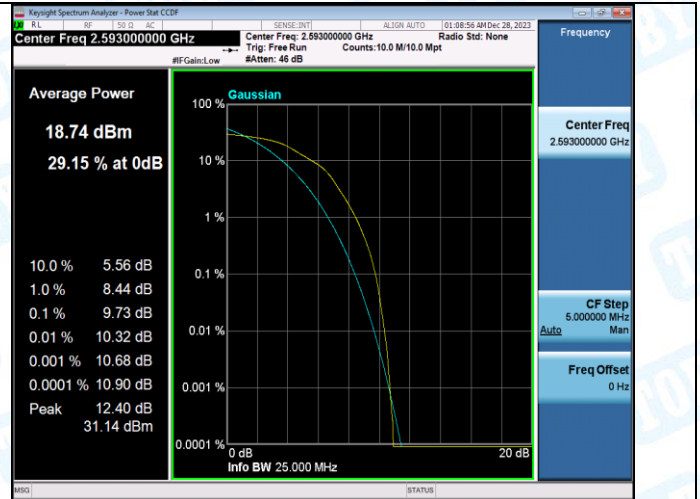
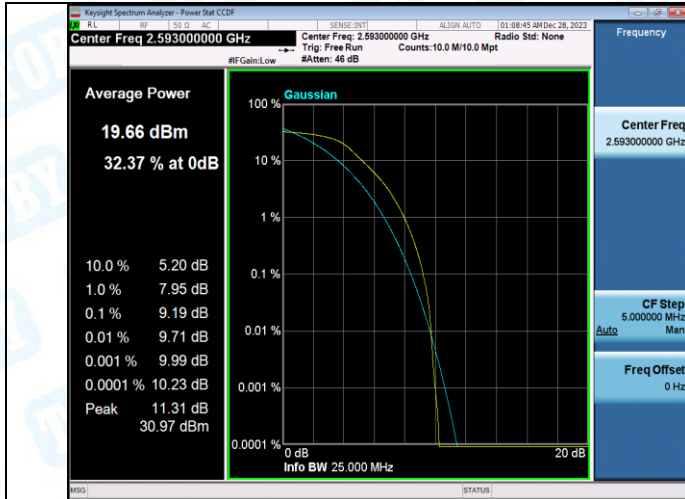
Band41-15MHz-16QAM-40620-1RB#0-PASS



Band41-15MHz-QPSK-40620-75RB#0-PASS

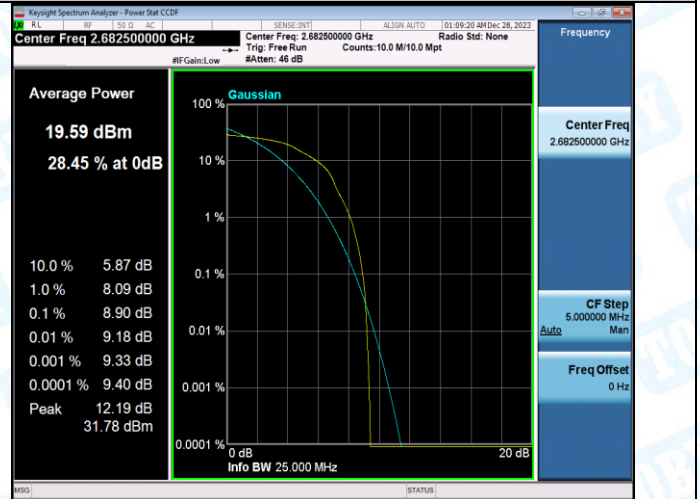
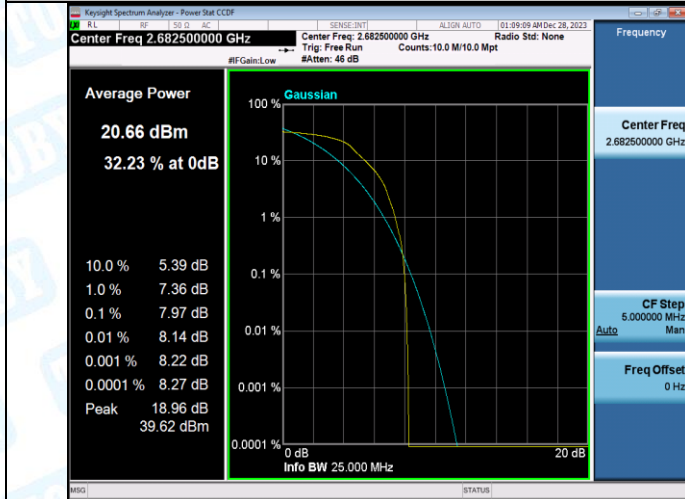


Band41-15MHz-16QAM-40620-75RB#0-PASS



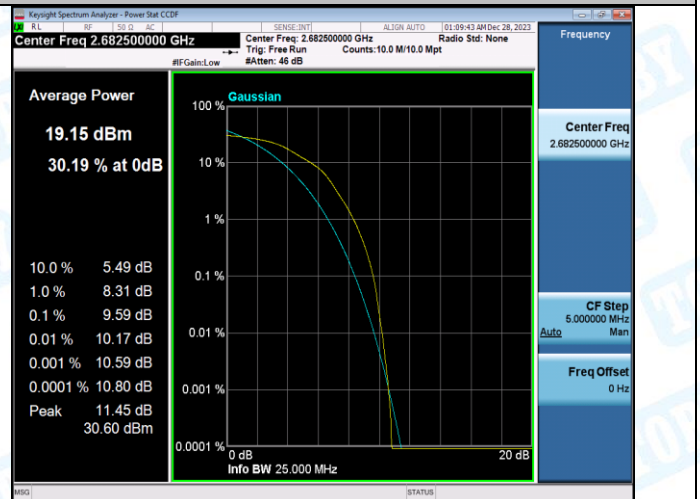
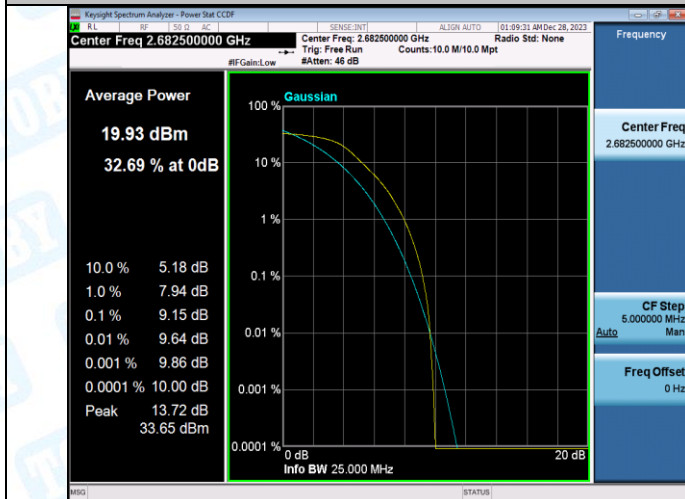
Band41-15MHz-QPSK-41515-1RB#0-PASS

Band41-15MHz-16QAM-41515-1RB#0-PASS



Band41-15MHz-QPSK-41515-75RB#0-PASS

Band41-15MHz-16QAM-41515-75RB#0-PASS



Band41-20MHz-QPSK-39750-1RB#0-PASS

Band41-20MHz-16QAM-39750-1RB#0-PASS