

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)	6
Test Result	6
Test Graphs	7
3. 26dB Bandwidth and Occupied Bandwidth	11
Test Result	11
Test Graphs	12
4. Band Edge	14
Test Result	14
Test Graphs	15
5. Conducted Spurious Emission	19
Test Result	19
Test Graphs	21
6. Frequency Stability	31
Test Result	31

1. Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.63	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.46	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.76	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.59	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.58	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.51	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.60	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.68	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.62	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.62	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.64	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.61	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.68	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.71	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.69	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.54	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.86	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.68	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.70	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.55	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.72	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.76	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.68	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.69	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.74	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.64	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.72	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.73	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.67	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.63	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.80	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.79	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.69	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.73	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.63	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.68	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.70	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.74	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.65	PASS

Band17	5MHz	16QAM	23825	12RB#13	22.67	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.69	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.70	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.56	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.76	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.91	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.97	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.82	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.89	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.98	PASS
Band17	10MHz	16QAM	23780	25RB#0	23.02	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.80	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.96	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.92	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.74	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.91	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.81	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.85	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.70	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.90	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.81	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.90	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.79	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.01	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.95	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.83	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.95	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.84	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.90	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.75	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.90	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.75	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.42	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.82	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.67	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.85	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.60	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.63	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.80	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.82	PASS
Band17	10MHz	16QAM	23800	25RB#12	23.07	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.75	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.79	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.73	PASS



Band17	10MHz	16QAM	23800	50RB#0	22.78	PASS
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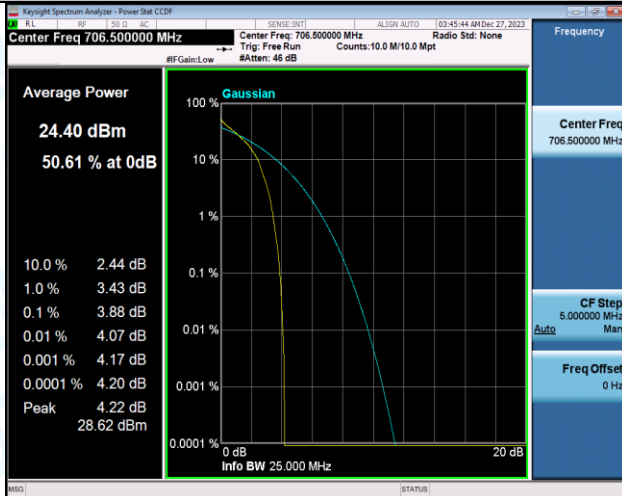
2. Peak-to-Average Ratio(CCDF)

Test Result

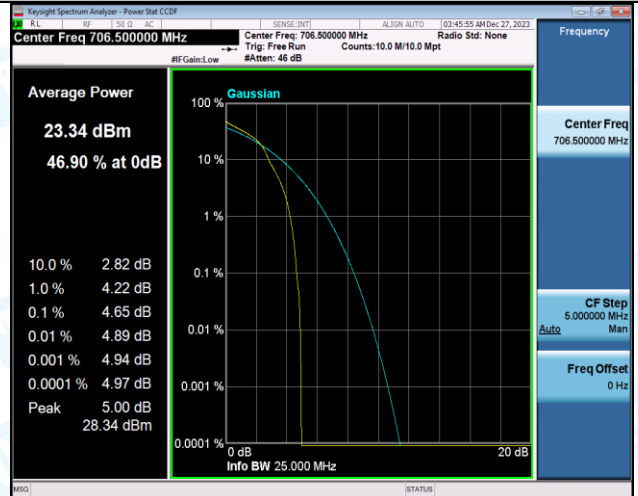
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.88	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	4.65	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.60	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.43	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.88	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	4.66	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.71	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.54	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.92	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	4.70	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.62	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.44	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	3.84	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	4.81	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.01	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.84	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	3.87	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	4.85	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.05	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.83	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	3.78	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	4.94	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.09	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.65	13	PASS

Test Graphs

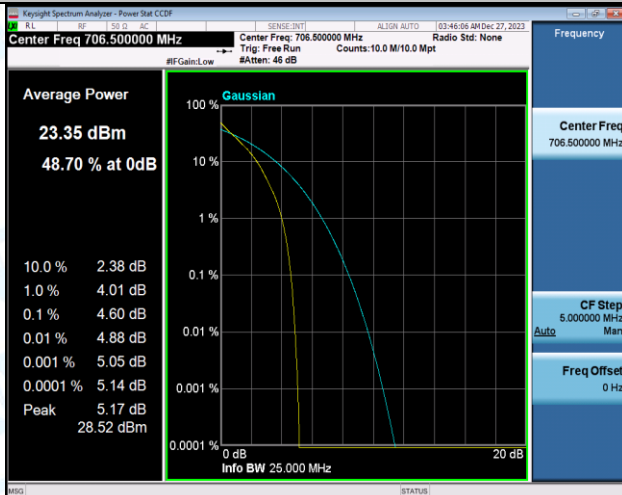
Band17-5MHz-QPSK-23755-1RB#0-PASS



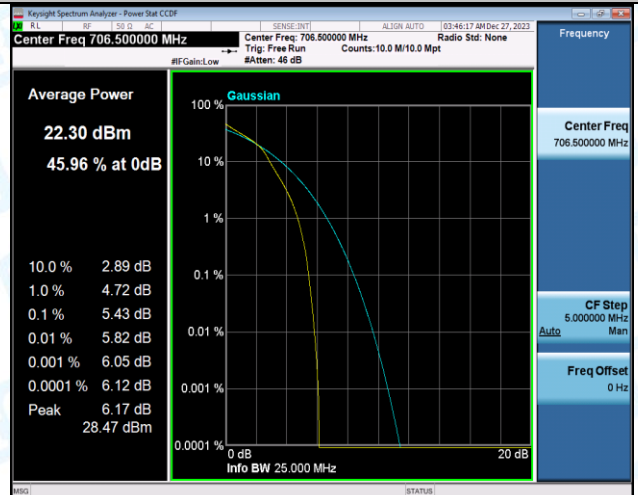
Band17-5MHz-16QAM-23755-1RB#0-PASS



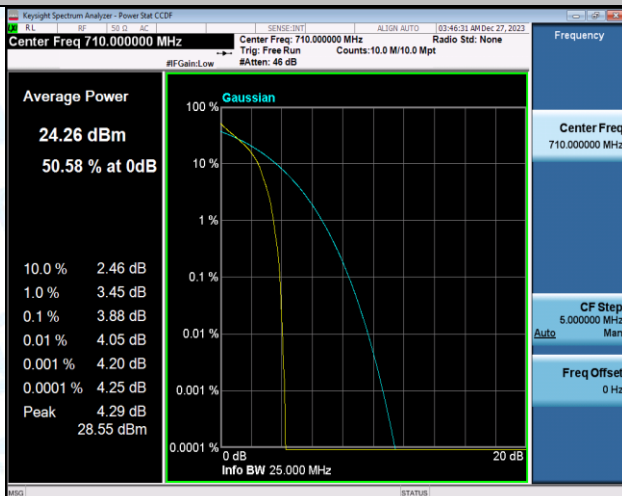
Band17-5MHz-QPSK-23755-25RB#0-PASS



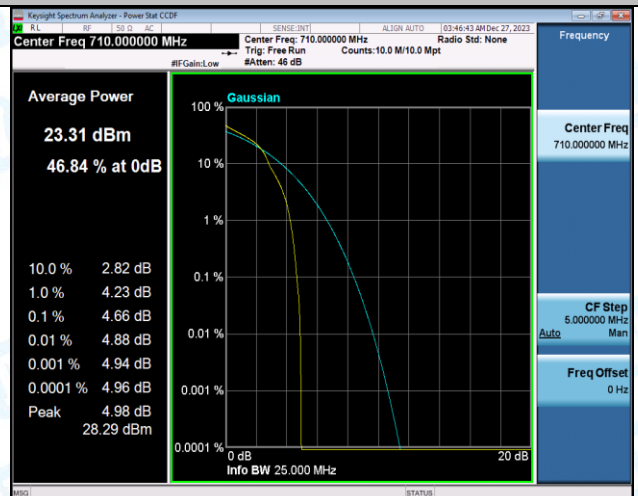
Band17-5MHz-16QAM-23755-25RB#0-PASS



Band17-5MHz-QPSK-23790-1RB#0-PASS

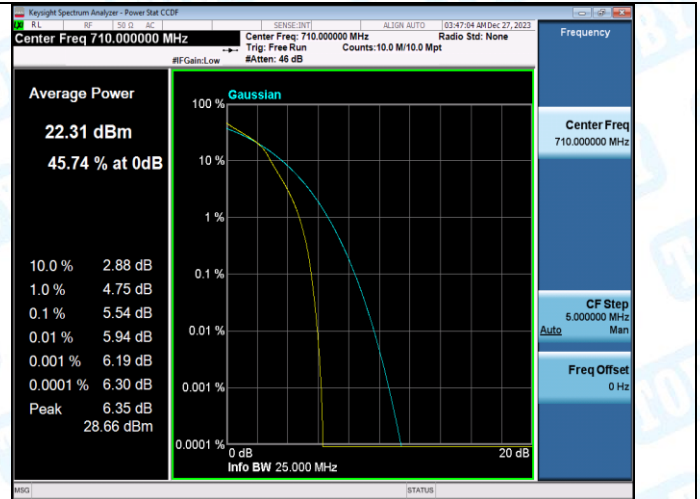
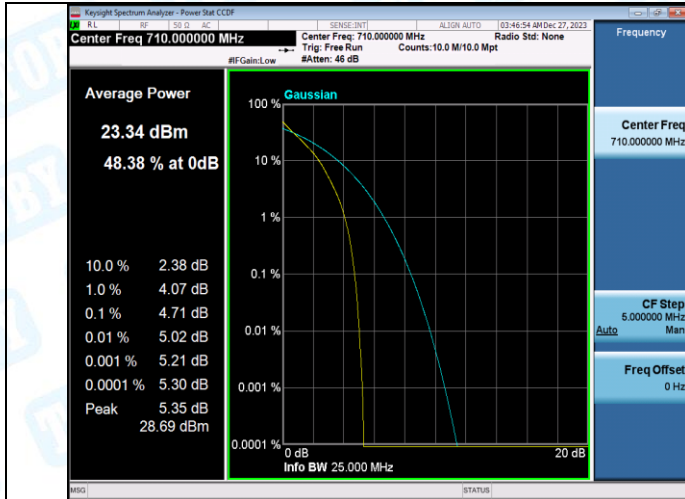


Band17-5MHz-16QAM-23790-1RB#0-PASS



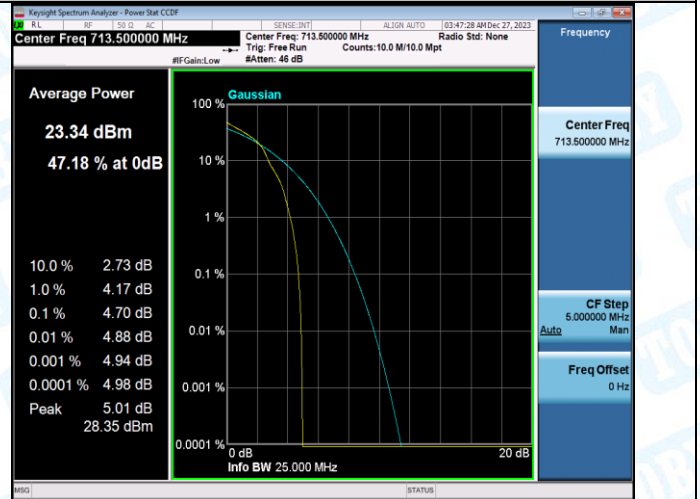
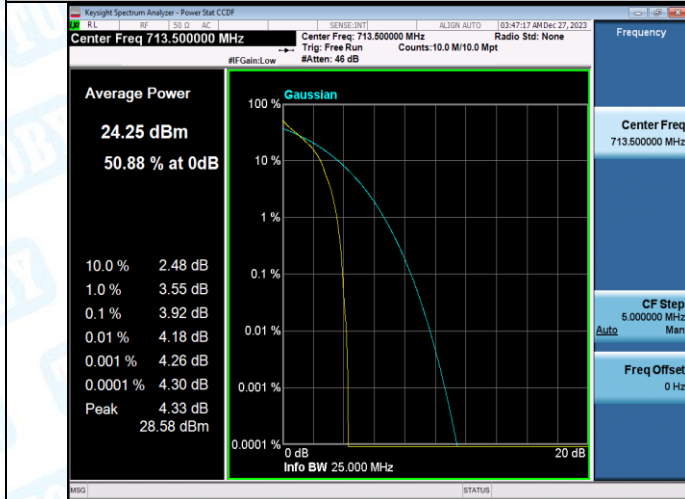
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Band17-5MHz-16QAM-23790-25RB#0-PASS



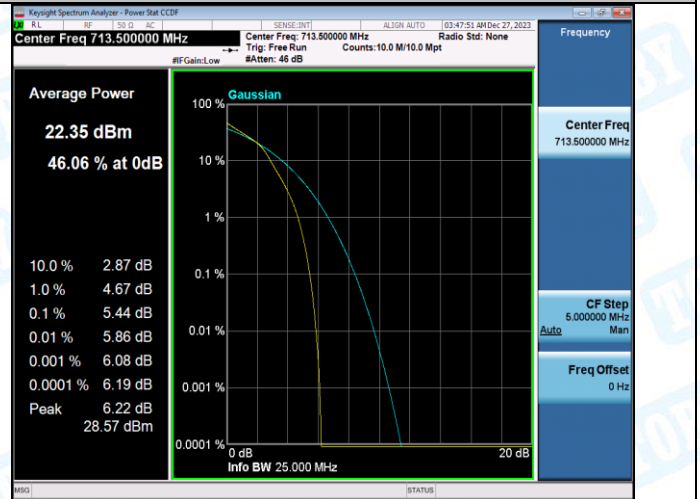
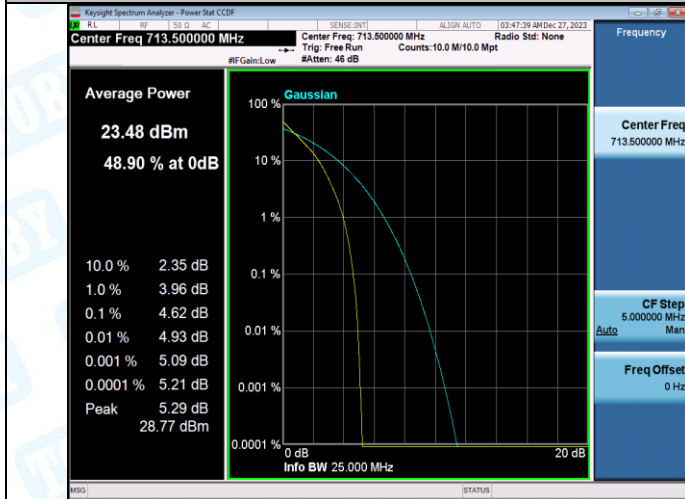
Band17-5MHz-QPSK-23825-1RB#0-PASS

Band17-5MHz-16QAM-23825-1RB#0-PASS



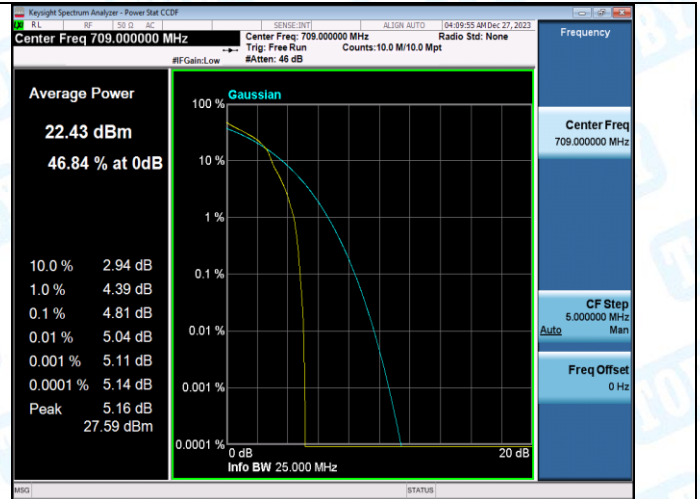
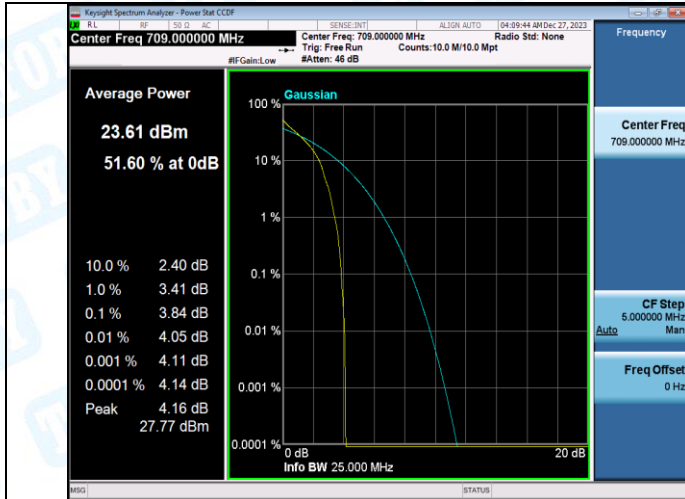
Band17-5MHz-QPSK-23825-25RB#0-PASS

Band17-5MHz-16QAM-23825-25RB#0-PASS



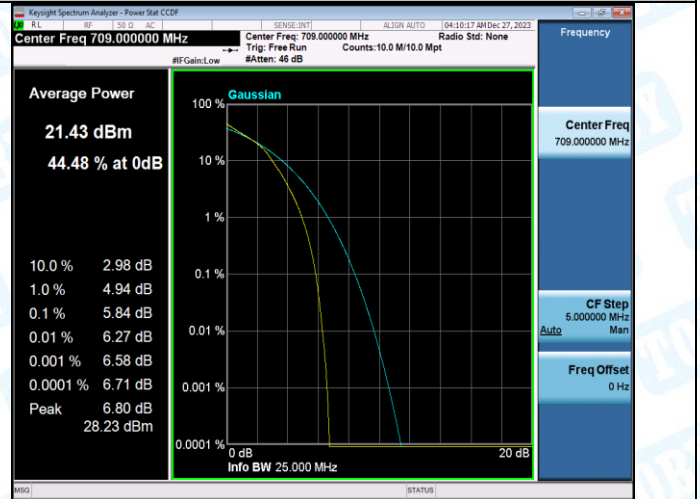
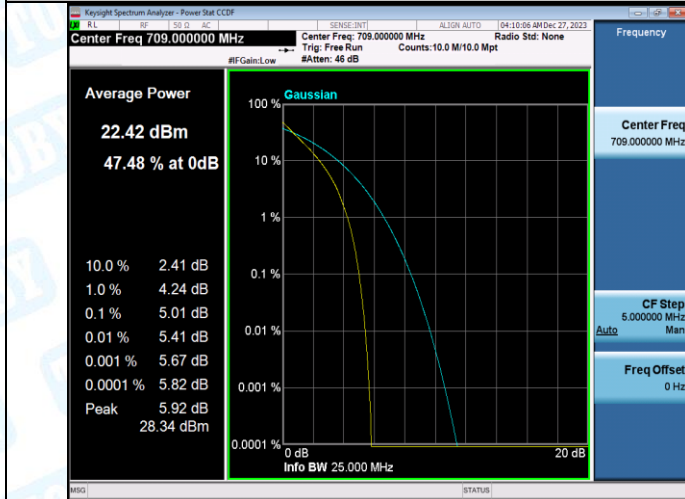
Band17-10MHz-QPSK-23780-1RB#0-PASS

Band17-10MHz-16QAM-23780-1RB#0-PASS



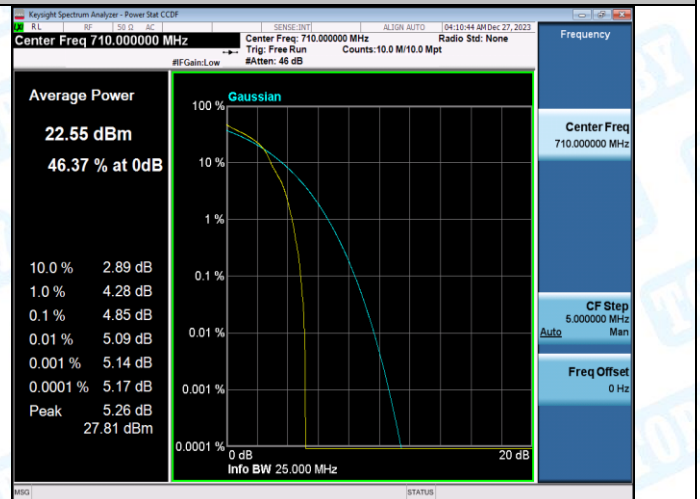
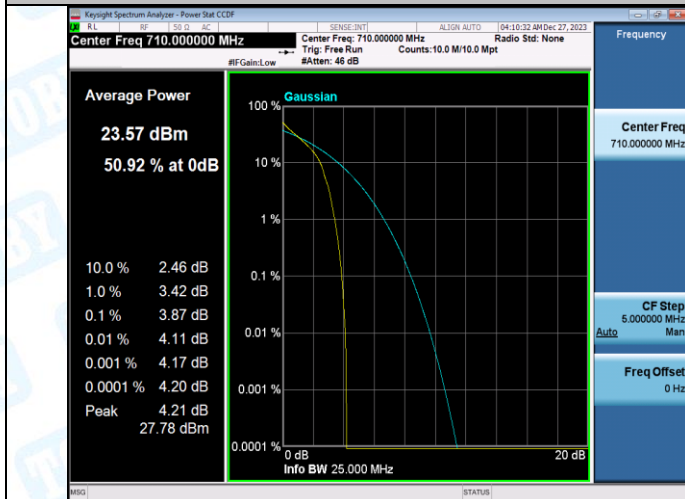
Band17-10MHz-QPSK-23780-50RB#0-PASS

Band17-10MHz-16QAM-23780-50RB#0-PASS



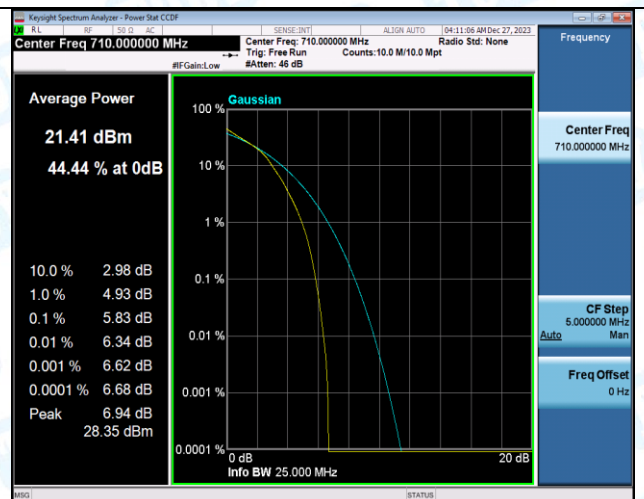
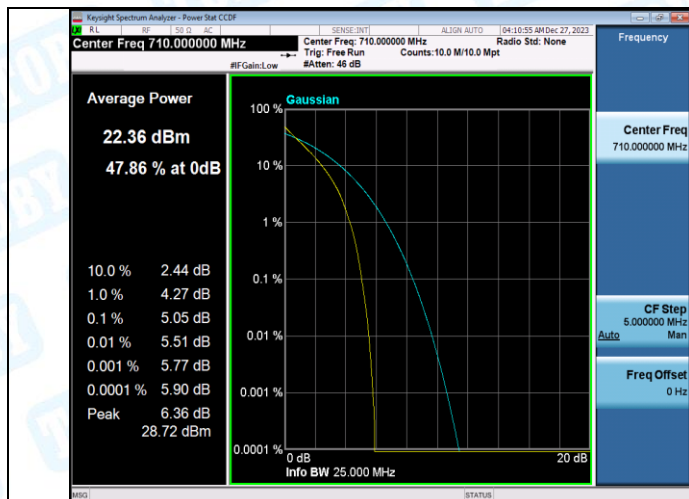
Band17-10MHz-QPSK-23790-1RB#0-PASS

Band17-10MHz-16QAM-23790-1RB#0-PASS



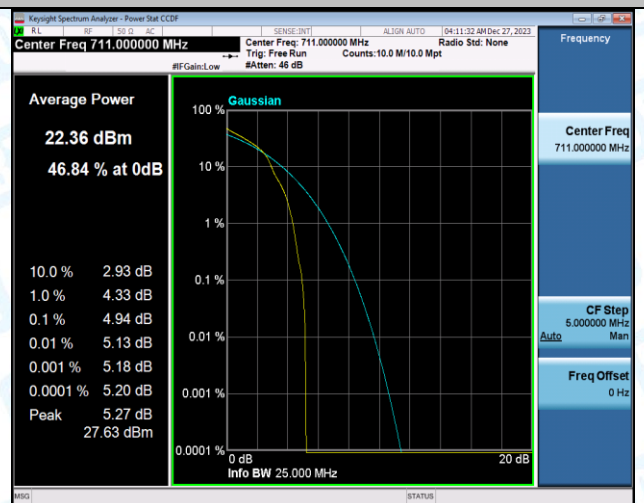
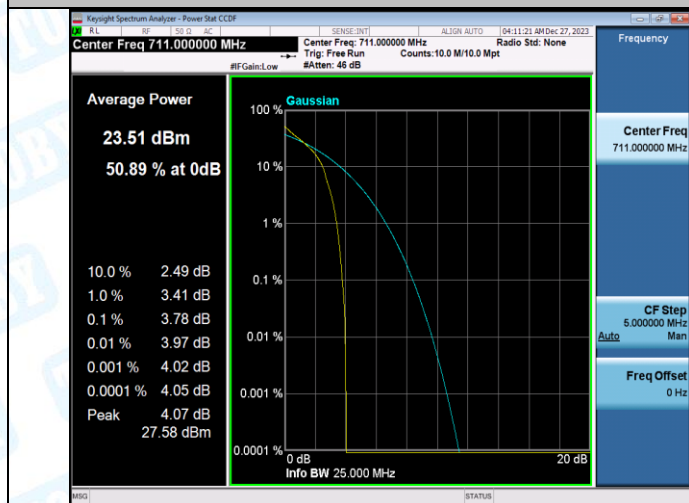
Band17-10MHz-QPSK-23790-50RB#0-PASS

Band17-10MHz-16QAM-23790-50RB#0-PASS



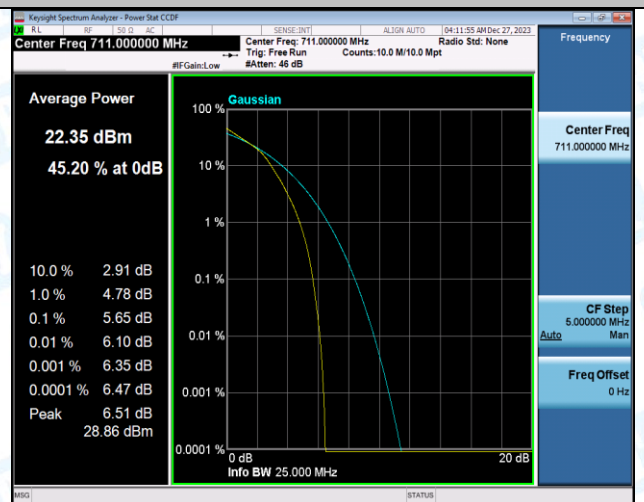
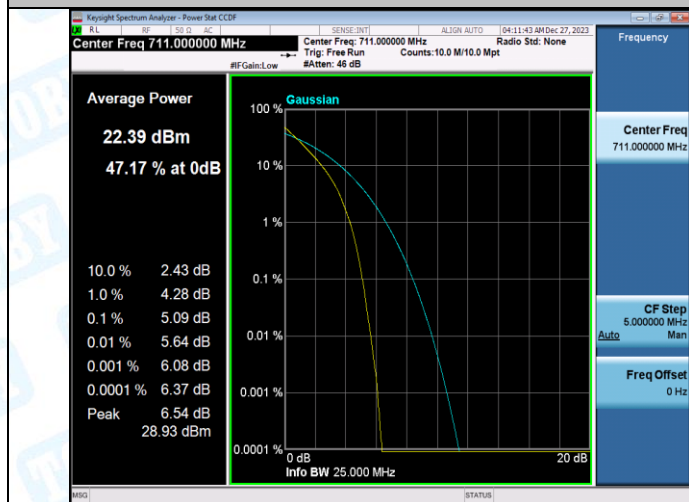
Band17-10MHz-QPSK-23800-1RB#0-PASS

Band17-10MHz-16QAM-23800-1RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS

Band17-10MHz-16QAM-23800-50RB#0-PASS



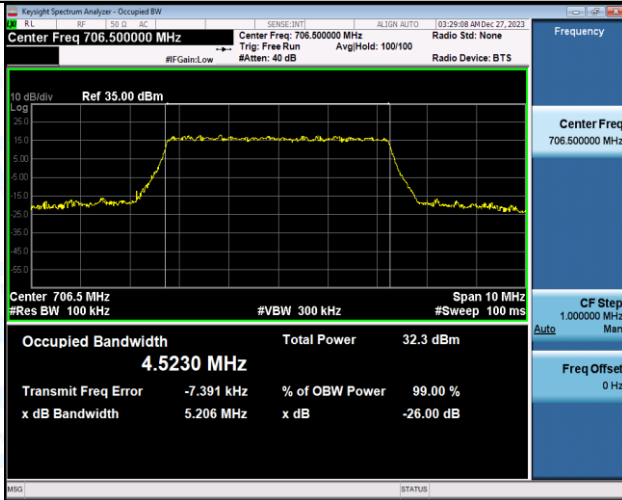
3. 26dB Bandwidth and Occupied Bandwidth

Test Result

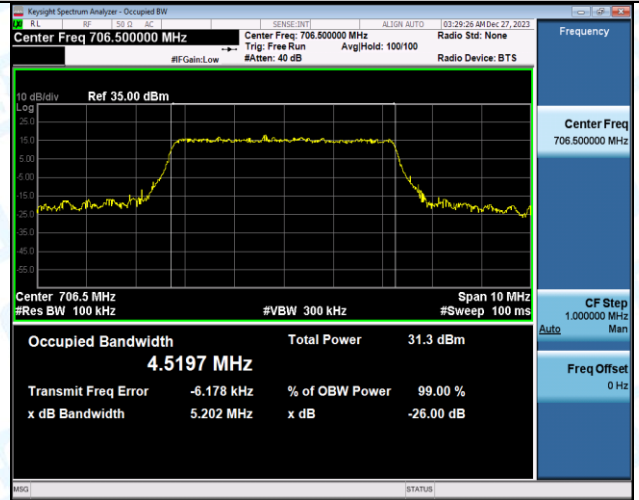
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5230	5.206	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5197	5.202	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5216	5.215	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5189	5.129	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5082	5.151	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5304	5.205	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0199	10.15	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9949	10.06	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0191	10.16	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0134	10.07	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.0163	10.20	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9995	10.10	PASS

Test Graphs

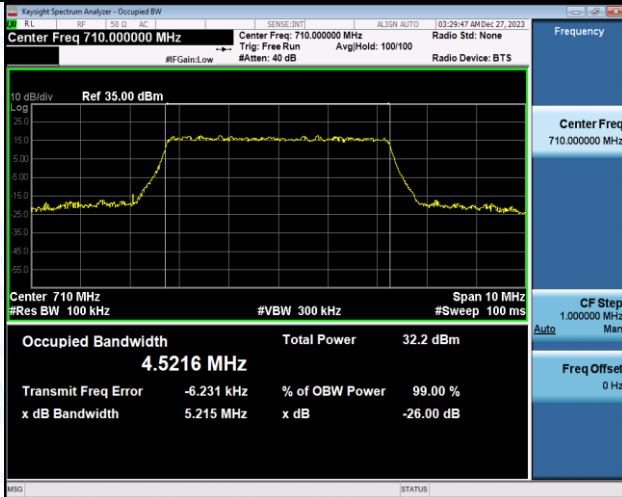
Band17-5MHz-QPSK-23755-25RB#0-PASS



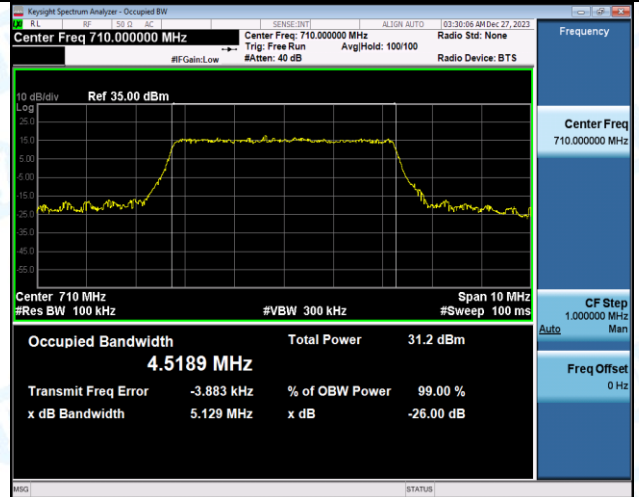
Band17-5MHz-16QAM-23755-25RB#0-PASS



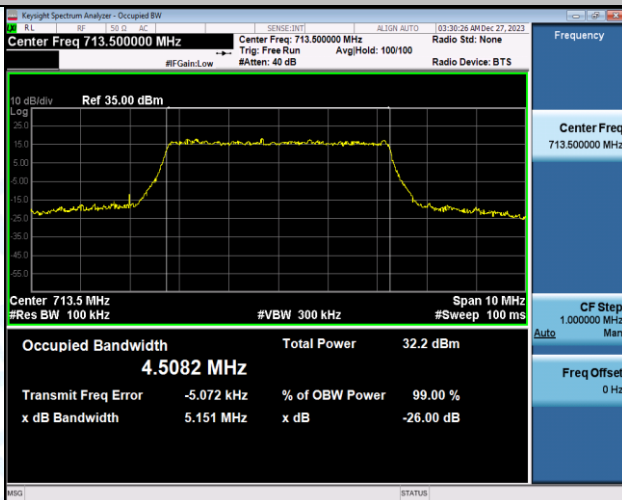
Band17-5MHz-QPSK-23790-25RB#0-PASS



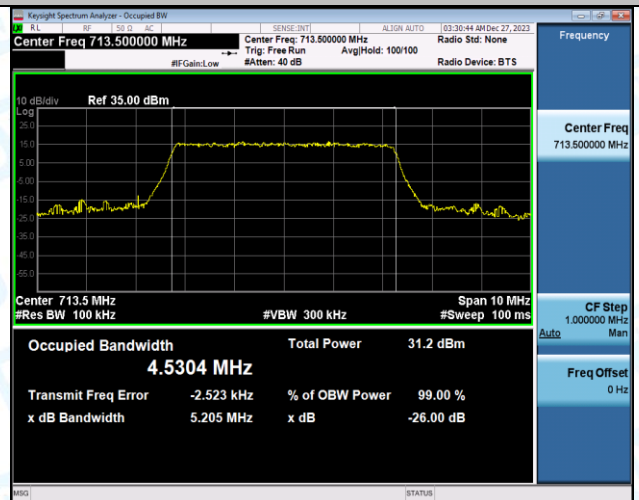
Band17-5MHz-16QAM-23790-25RB#0-PASS



Band17-5MHz-QPSK-23825-25RB#0-PASS



Band17-5MHz-16QAM-23825-25RB#0-PASS



Band17-10MHz-QPSK-23780-50RB#0-PASS

Band17-10MHz-16QAM-23780-50RB#0-PASS