

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.	

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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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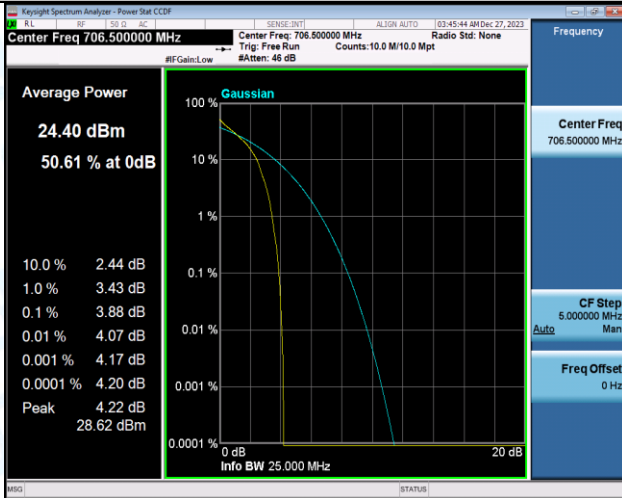
2. Peak-to-Average Ratio(CCDF)

Test Result

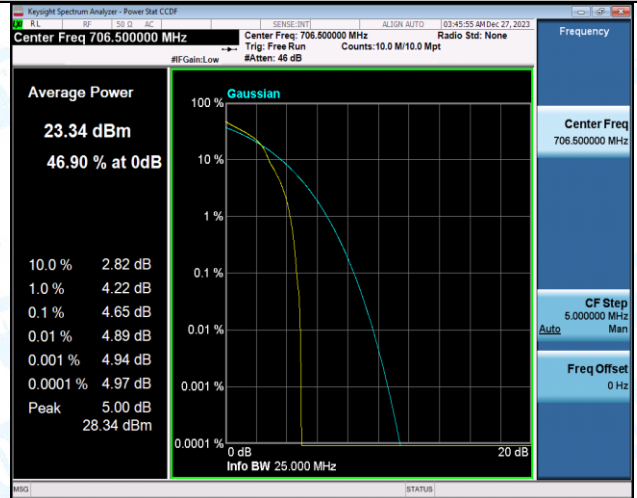
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.88	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	4.65	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.60	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.43	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.88	13	PASS
Band17	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

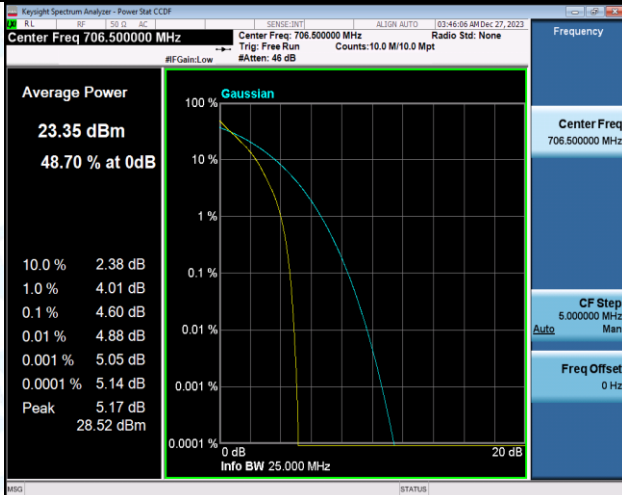
Band17-5MHz-QPSK-23755-1RB#0-PASS



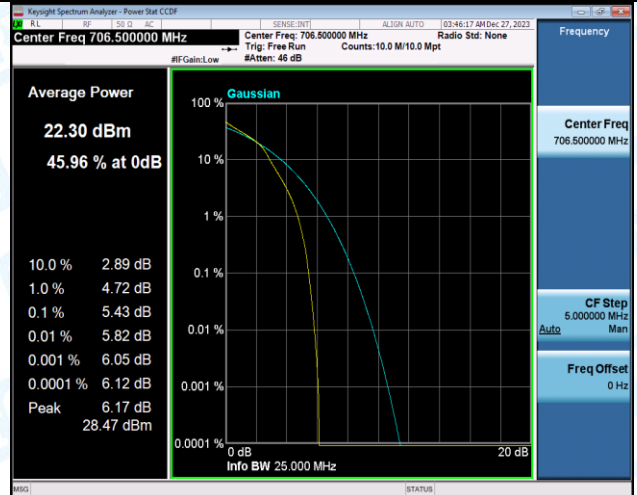
Band17-5MHz-16QAM-23755-1RB#0-PASS



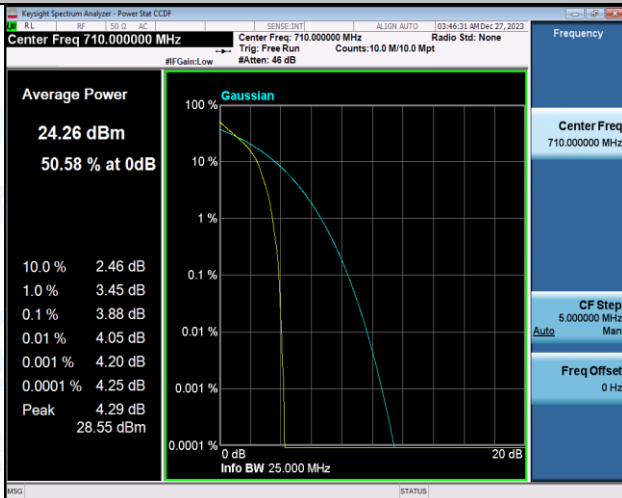
Band17-5MHz-QPSK-23755-25RB#0-PASS



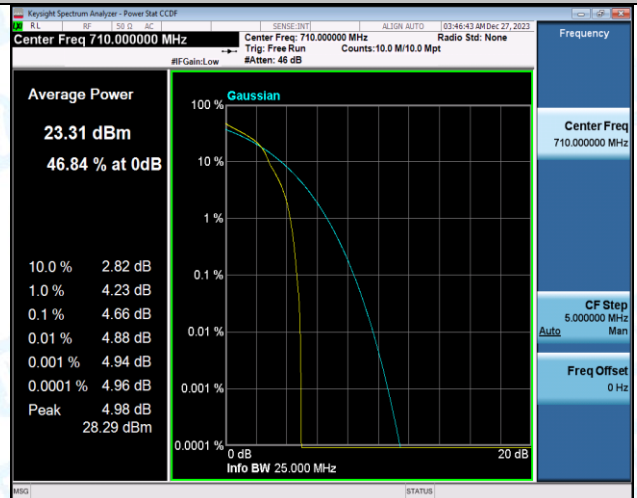
Band17-5MHz-16QAM-23755-25RB#0-PASS



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

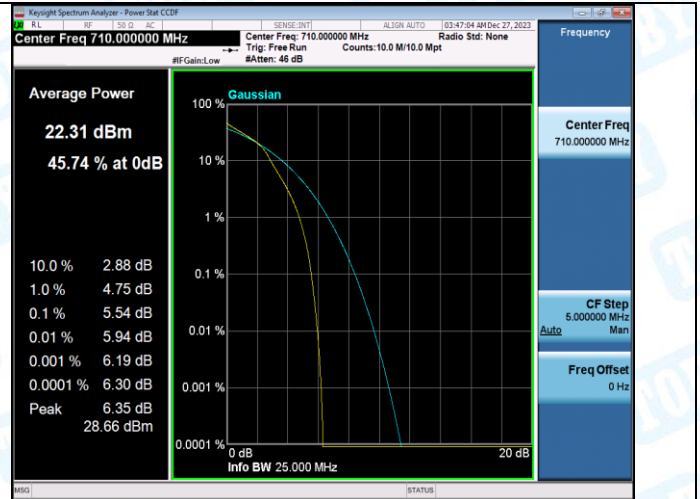
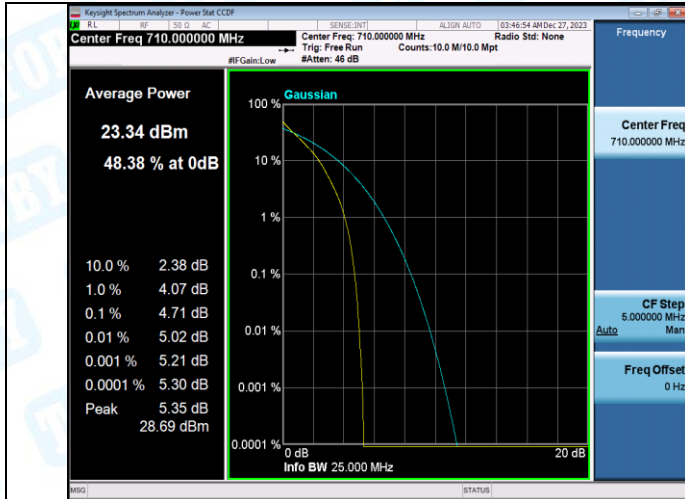


Band17-5MHz-16QAM-23790-1RB#0-PASS



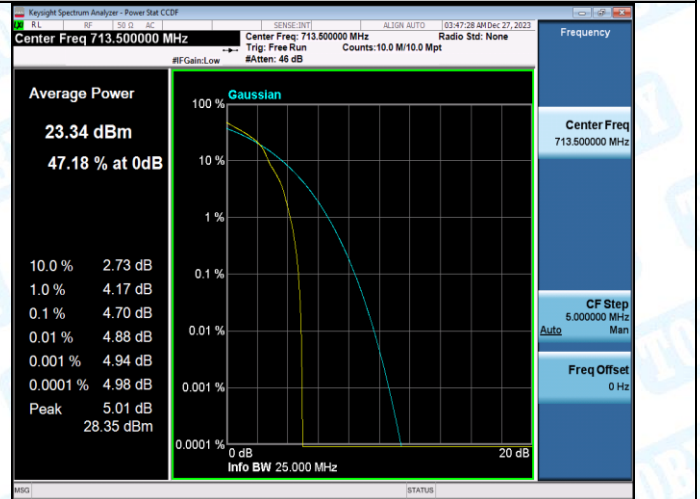
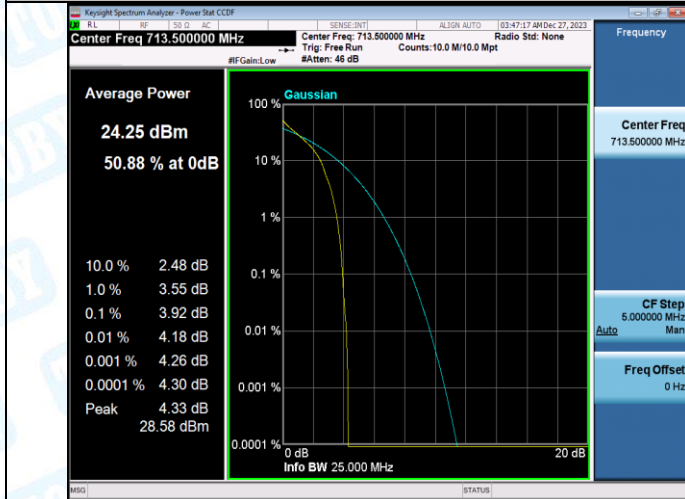
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Band17-5MHz-16QAM-23790-25RB#0-PASS



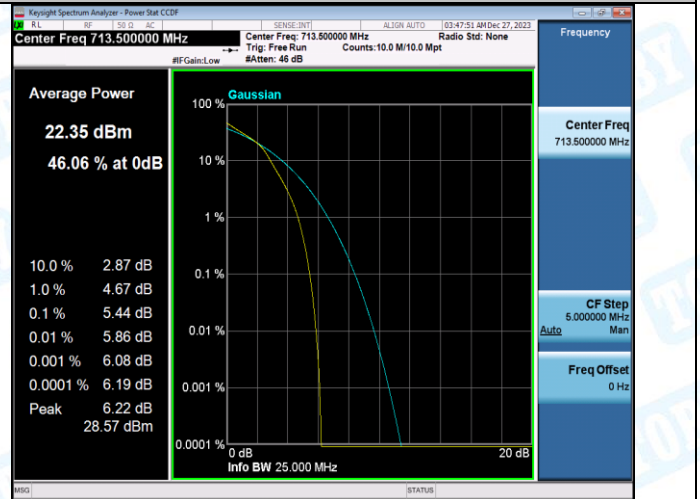
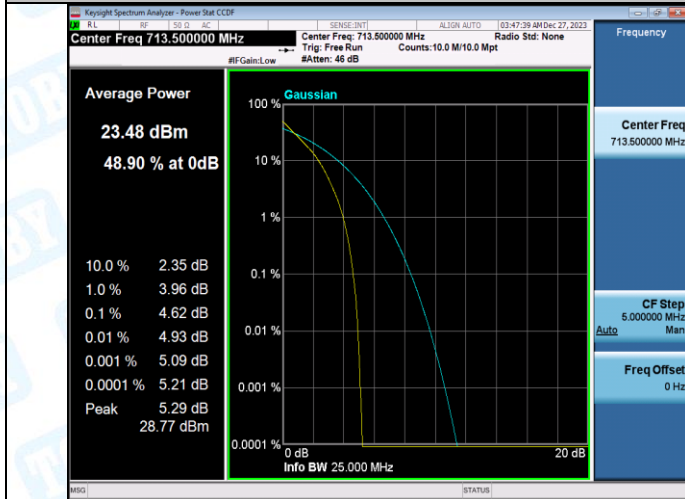
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Band17-5MHz-16QAM-23825-1RB#0-PASS



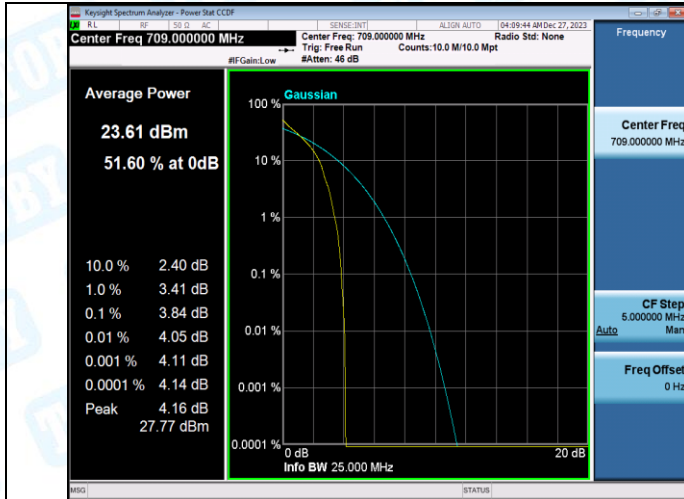
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Band17-5MHz-16QAM-23825-25RB#0-PASS

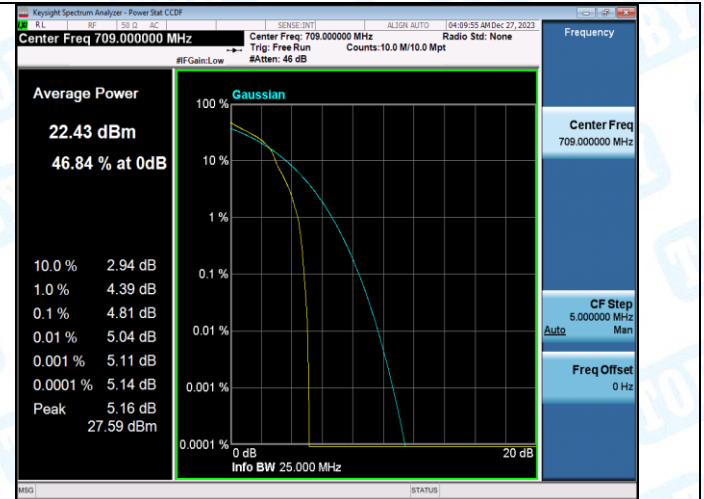


Band17-10MHz-QPSK-23780-1RB#0-PASS

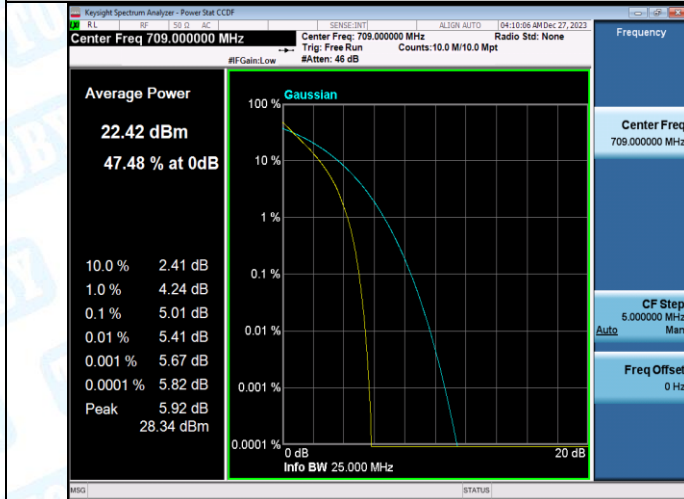
Band17-10MHz-16QAM-23780-1RB#0-PASS



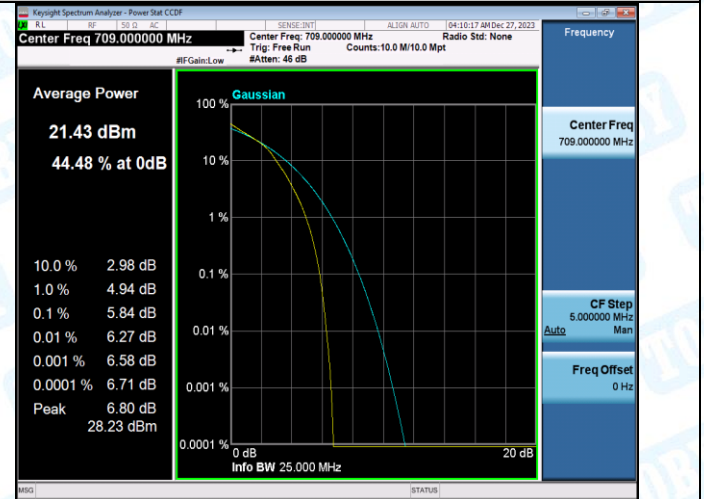
Band17-10MHz-QPSK-23780-50RB#0-PASS



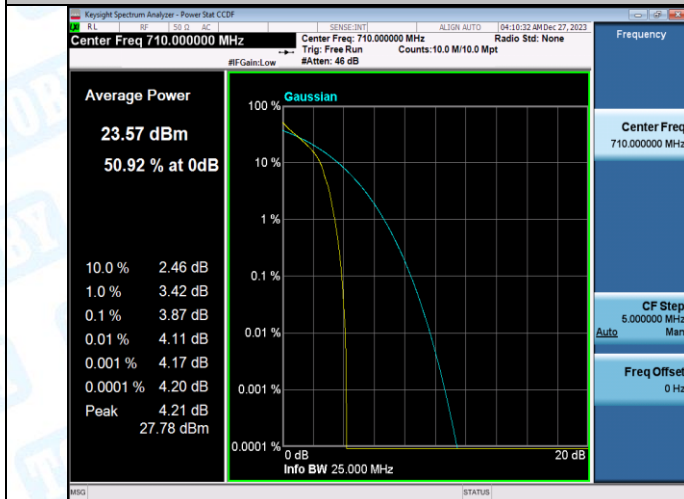
Band17-10MHz-16QAM-23780-50RB#0-PASS



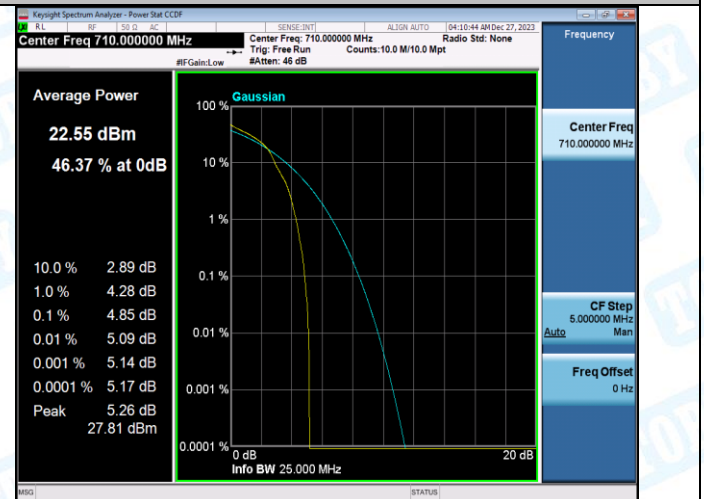
Band17-10MHz-QPSK-23790-1RB#0-PASS



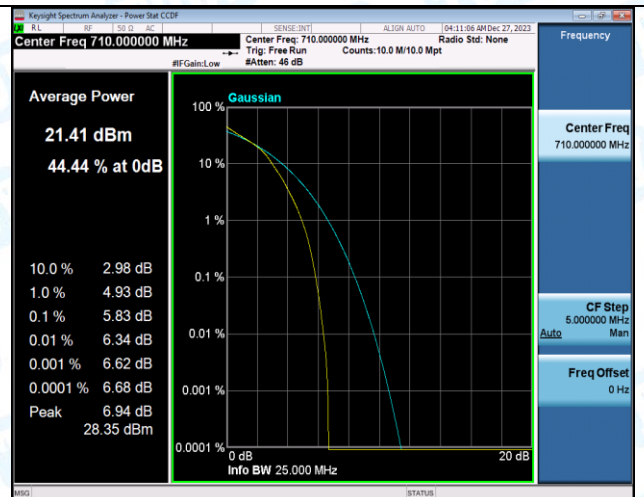
Band17-10MHz-16QAM-23790-1RB#0-PASS



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

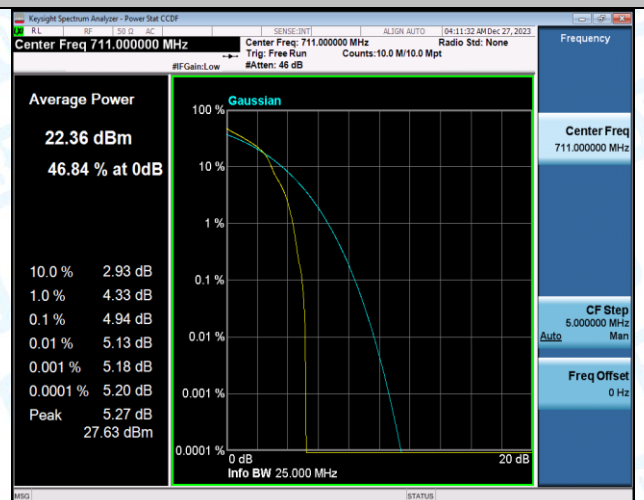
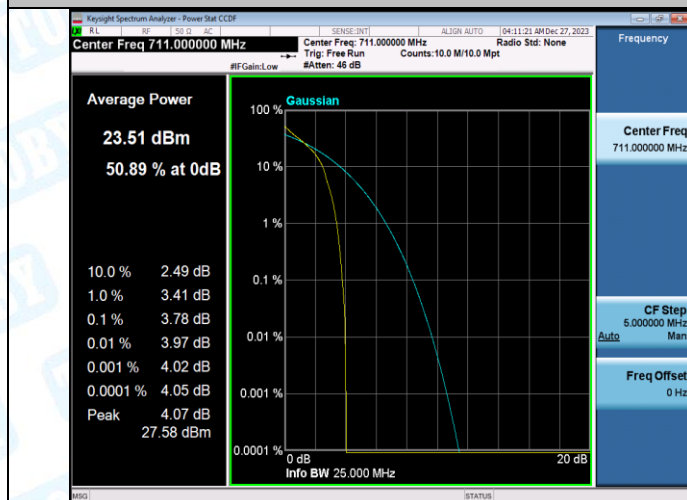


Band17-10MHz-16QAM-23790-50RB#0-PASS



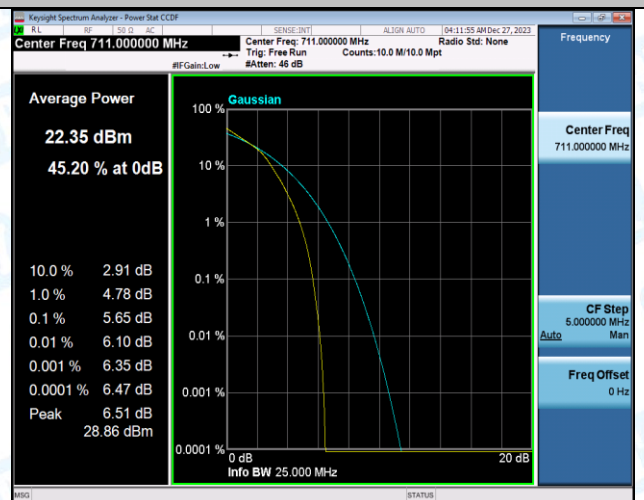
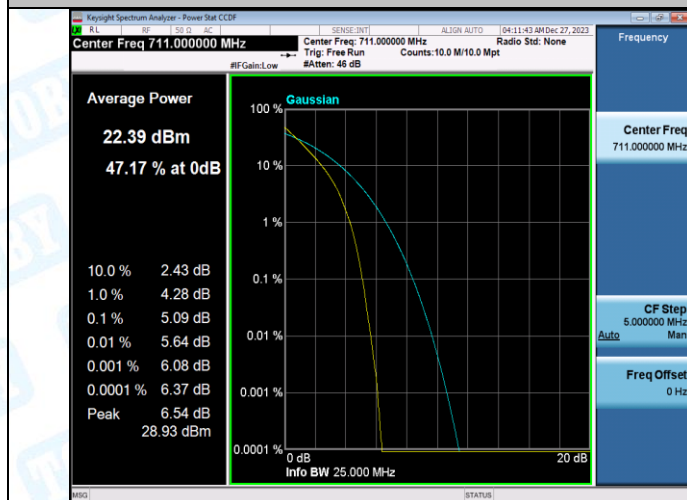
Band17-10MHz-QPSK-23800-1RB#0-PASS

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



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

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



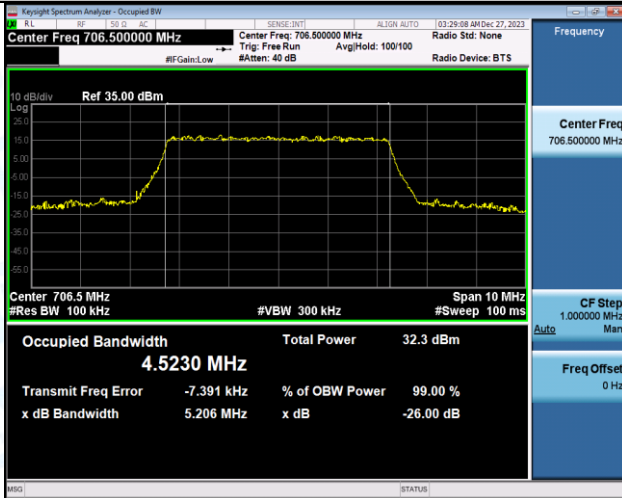
3. 26dB Bandwidth and Occupied Bandwidth

Test Result

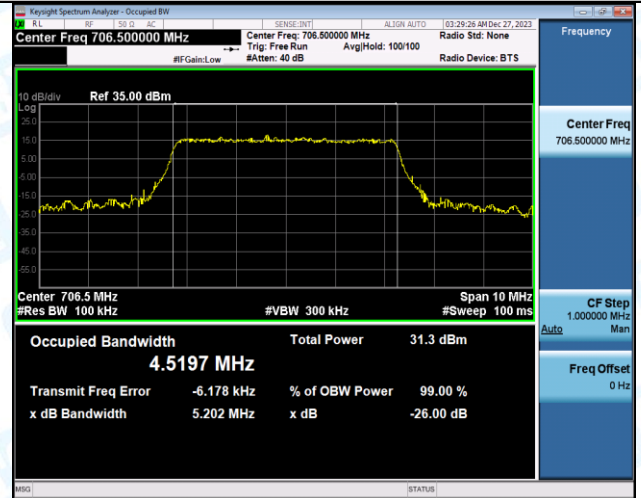
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5230	5.206	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5197	5.202	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5216	5.215	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5189	5.129	PASS
Band17	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

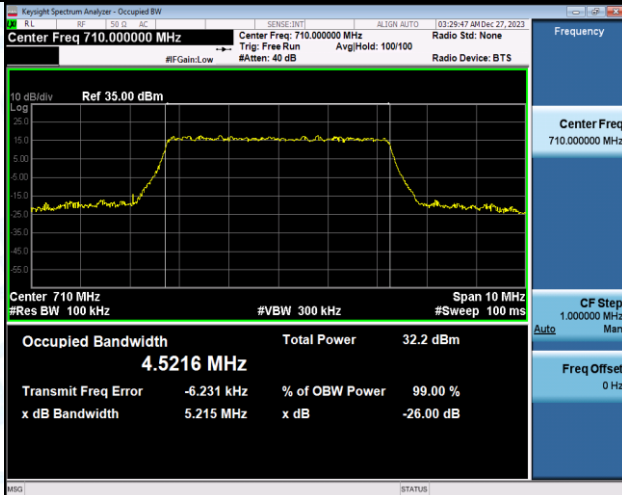
Band17-5MHz-QPSK-23755-25RB#0-PASS



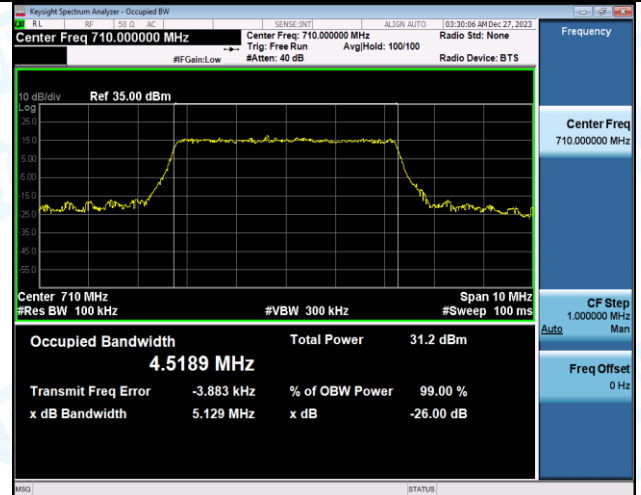
Band17-5MHz-16QAM-23755-25RB#0-PASS



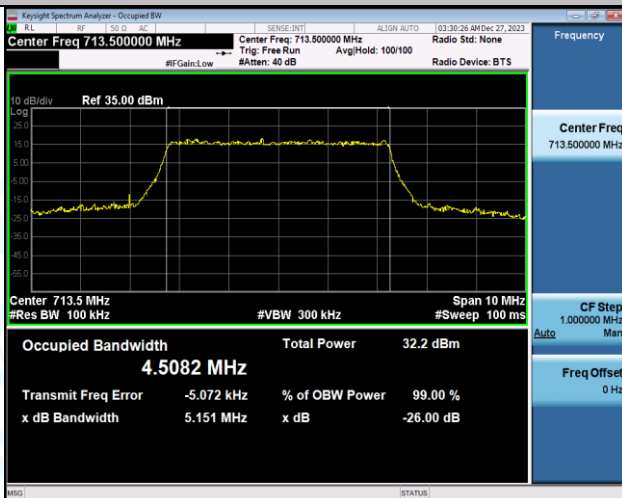
Band17-5MHz-QPSK-23790-25RB#0-PASS



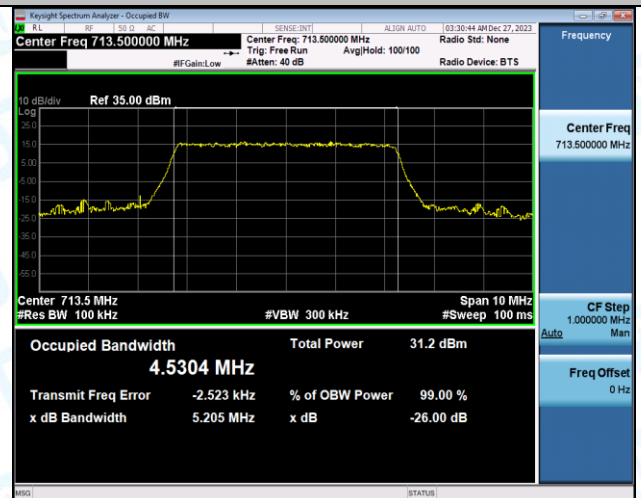
Band17-5MHz-16QAM-23790-25RB#0-PASS



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