Appendix P: Test Data for E-UTRA Band 41

Product Name: BlueCash-05

Test Model: BlueCash-05

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

P.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.16	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.70	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.15	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.55	PASS
Band41	5MHz	QPSK	39675	1RB#24	20.78	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.57	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.04	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.29	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.04	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.29	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.02	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.24	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.12	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.36	PASS
Band41	5MHz	QPSK	40620	1RB#0	20.27	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.04	PASS
Band41	5MHz	QPSK	40620	1RB#12	20.33	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.03	PASS
Band41	5MHz	QPSK	40620	1RB#24	20.34	PASS
Band41	5MHz	16QAM	40620	1RB#24	19.98	PASS
Band41	5MHz	QPSK	40620	12RB#0	19.37	PASS
Band41	5MHz	16QAM	40620	12RB#0	18.63	PASS
Band41	5MHz	QPSK	40620	12RB#6	19.38	PASS
Band41	5MHz	16QAM	40620	12RB#6	18.63	PASS
Band41	5MHz	QPSK	40620	12RB#13	19.37	PASS
Band41	5MHz	16QAM	40620	12RB#13	18.59	PASS
Band41	5MHz	QPSK	40620	25RB#0	19.35	PASS
Band41	5MHz	16QAM	40620	25RB#0	18.66	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.86	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.79	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.19	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.76	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.74	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.90	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.48	PASS

Band41	5MHz	16QAM	41565	12RB#0	20.73	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.48	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.73	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.45	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.68	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.48	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.75	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.93	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.69	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.99	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.70	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.23	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.97	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.95	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.21	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.96	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.21	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.13	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.36	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.06	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.27	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.59	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.45	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.84	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.45	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.97	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.52	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.75	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.76	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.98	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.92	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.06	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.78	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.07	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.89	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.51	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.85	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.47	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.82	PASS

Band41	10MHz	16QAM	41540	1RB#49	21.45	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.76	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.01	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.77	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.02	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.81	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.97	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.87	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.06	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.55	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.87	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.67	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.08	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.07	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.48	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.81	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.80	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.80	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.79	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.79	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.79	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.25	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.55	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.75	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.51	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.82	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.47	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.08	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.63	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.79	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.79	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.79	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.79	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.79	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.79	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.79	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.09	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.86	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.51	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.80	PASS

Band41	15MHz	16QAM	41515	1RB#38	21.46	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.79	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.39	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.81	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.81	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.81	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.81	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.81	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.81	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.81	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.03	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.58	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.06	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.94	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.27	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.30	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.71	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.05	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.56	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.04	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.55	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.27	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.68	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.93	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.32	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.43	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.15	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.56	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.28	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.75	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.49	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.76	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.11	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.77	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.11	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.78	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.14	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.59	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.92	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.50	PASS

Band41	20MHz	16QAM	41490	1RB#0	21.45	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.61	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.59	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.50	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.47	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.75	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.08	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.80	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.08	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.62	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.94	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.53	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.83	PASS

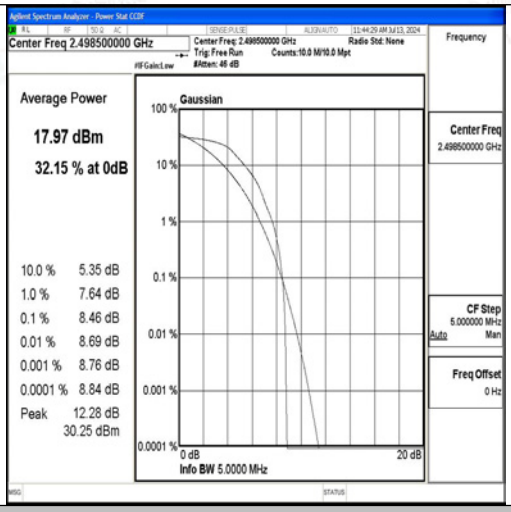
P.2 Peak-to-Average Ratio(CCDF)

Test Result

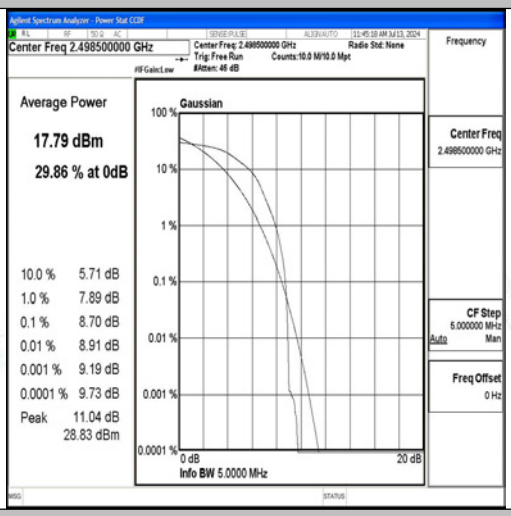
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.46	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.70	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	8.96	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.52	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.75	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.04	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	8.93	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	10.00	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.41	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.62	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	8.97	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.76	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	7.83	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.29	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.81	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.51	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.66	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	9.06	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.97	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.51	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.51	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.77	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.97	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.61	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.29	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.20	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.22	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.50	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.50	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	9.14	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.23	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.75	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.24	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.06	13	PASS

Band41	15MHz	QPSK	41515	75RB#0	9.63	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.60	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	7.94	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.88	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	9.04	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.66	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.09	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.85	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.96	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.88	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.96	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.37	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.10	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.20	13	PASS

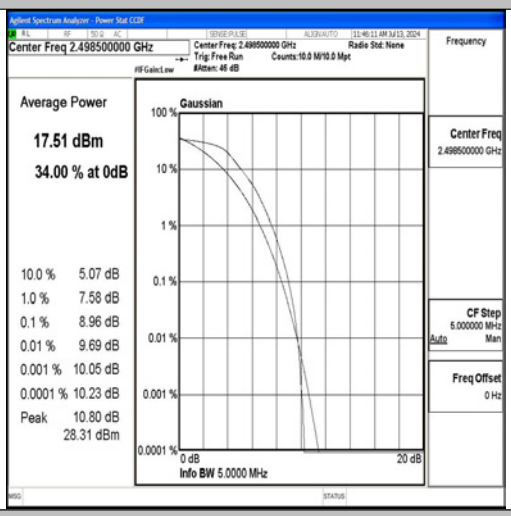
Test Graphs



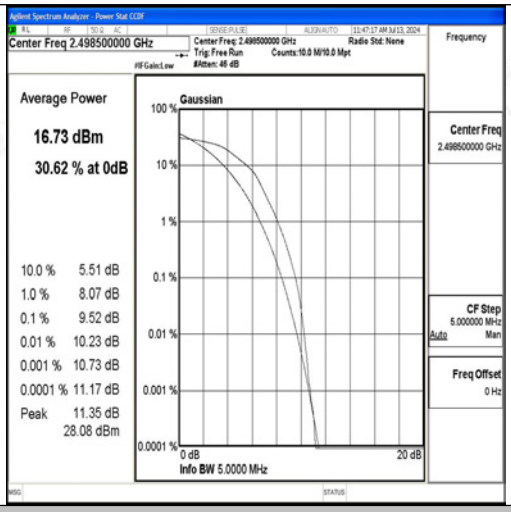
Band41-5MHz-QPSK-39675-1RB#0-PASS



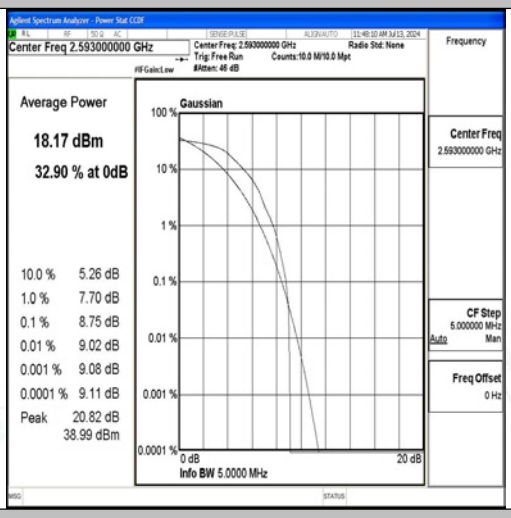
Band41-5MHz-16QAM-39675-1RB#0-PASS



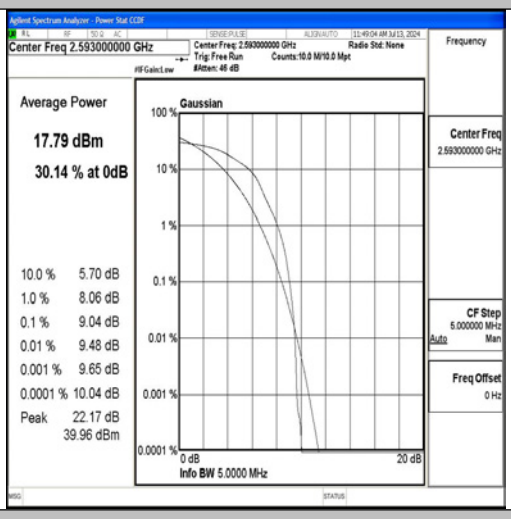
Band41-5MHz-QPSK-39675-25RB#0-PASS



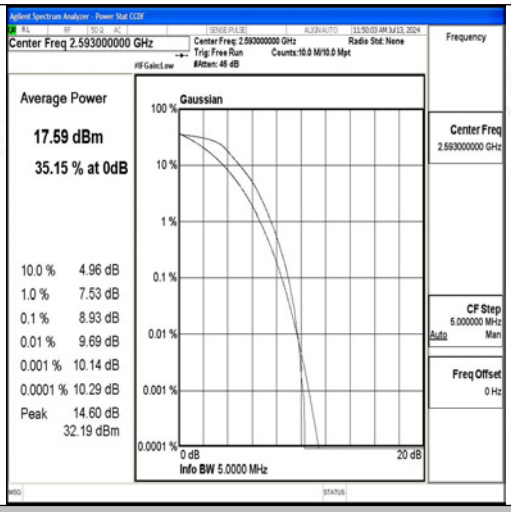
Band41-5MHz-16QAM-39675-25RB#0-PASS



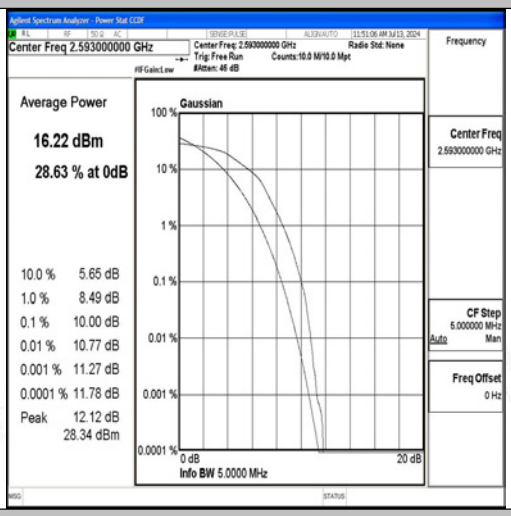
Band41-5MHz-QPSK-40620-1RB#0-PASS



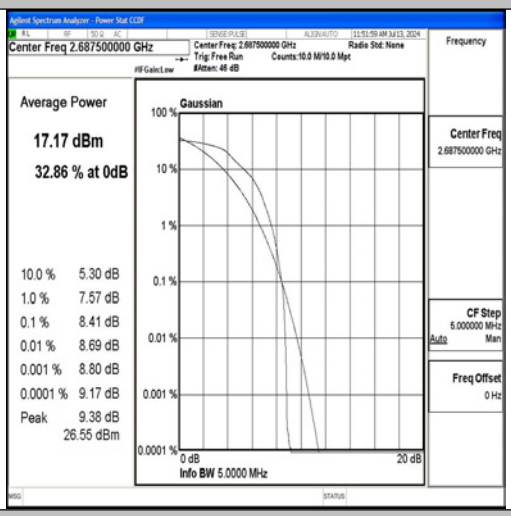
Band41-5MHz-16QAM-40620-1RB#0-PASS



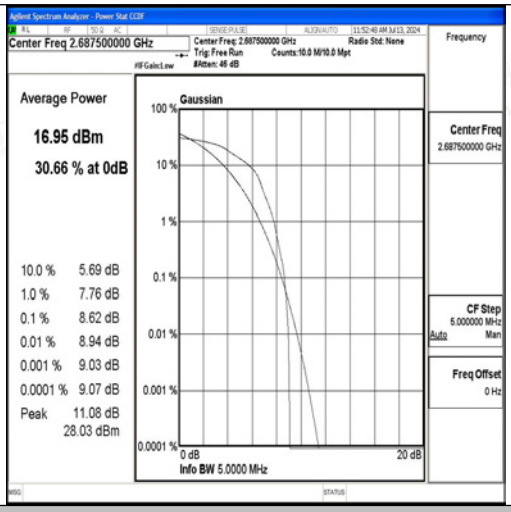
Band41-5MHz-QPSK-40620-25RB#0-PASS



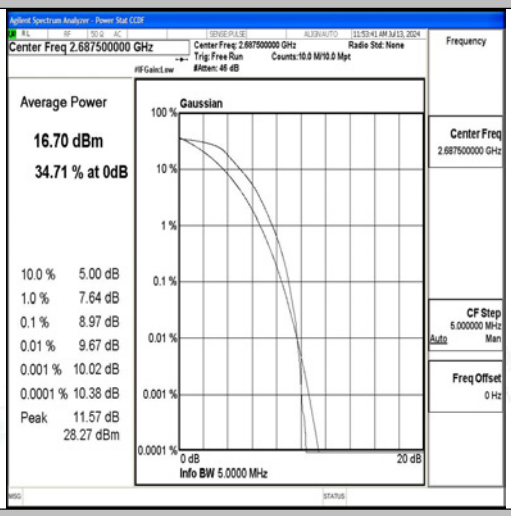
Band41-5MHz-16QAM-40620-25RB#0-PASS



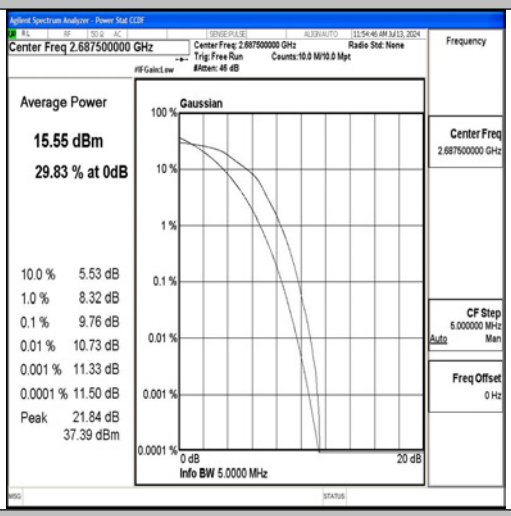
Band41-5MHz-QPSK-41565-1RB#0-PASS



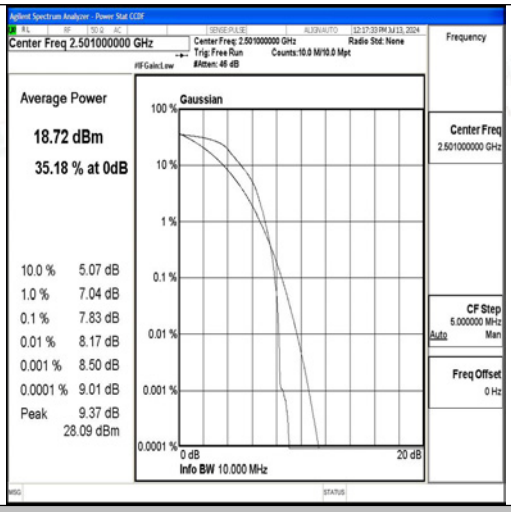
Band41-5MHz-16QAM-41565-1RB#0-PASS



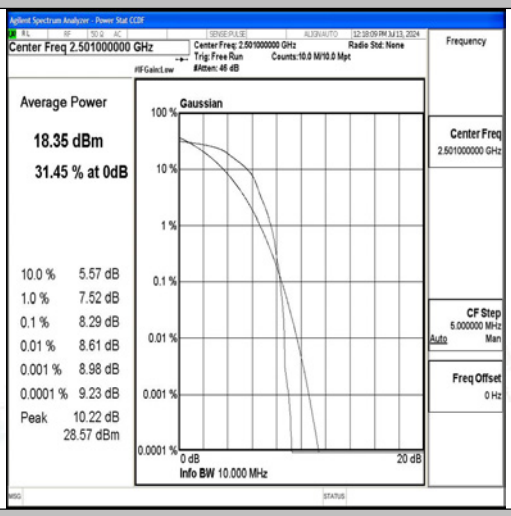
Band41-5MHz-QPSK-41565-25RB#0-PASS



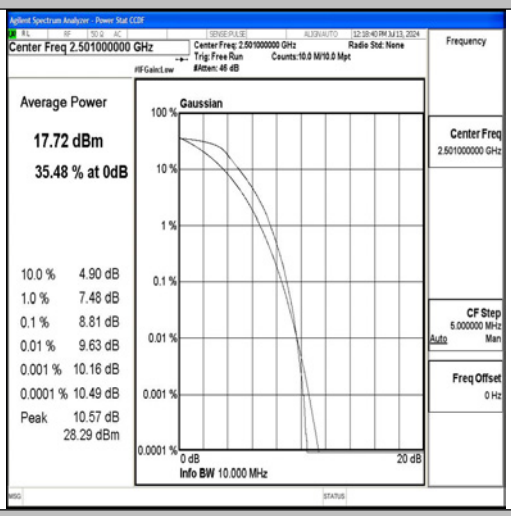
Band41-5MHz-16QAM-41565-25RB#0-PASS



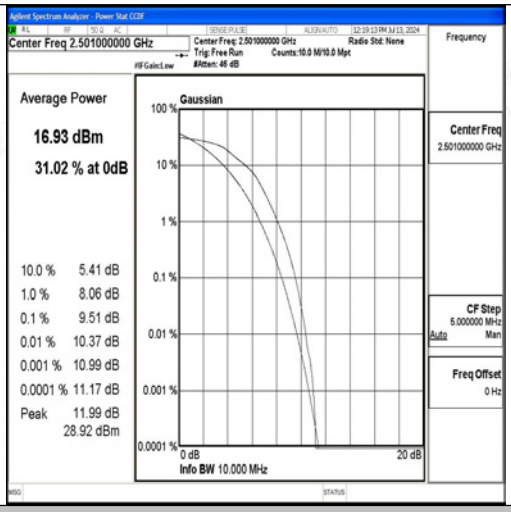
Band41-10MHz-QPSK-39700-1RB#0-PASS



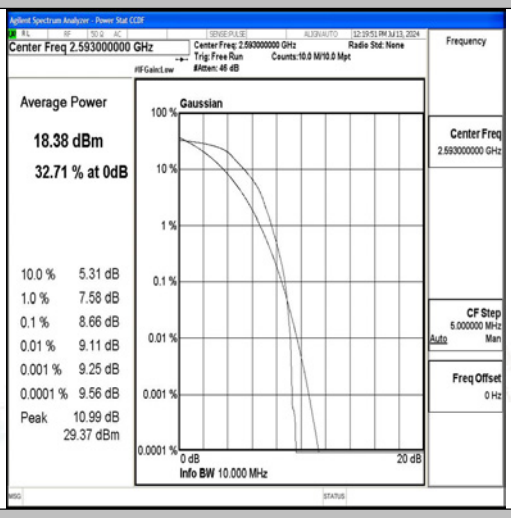
Band41-10MHz-16QAM-39700-1RB#0-PASS



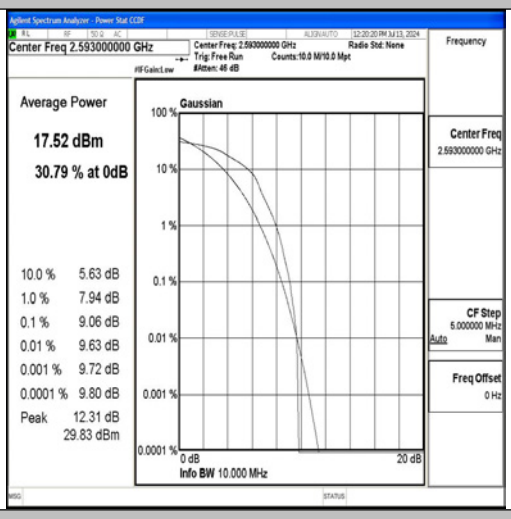
Band41-10MHz-QPSK-39700-50RB#0-PASS



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



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



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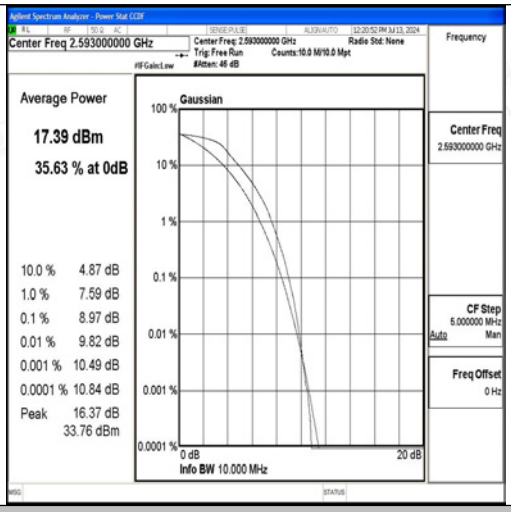

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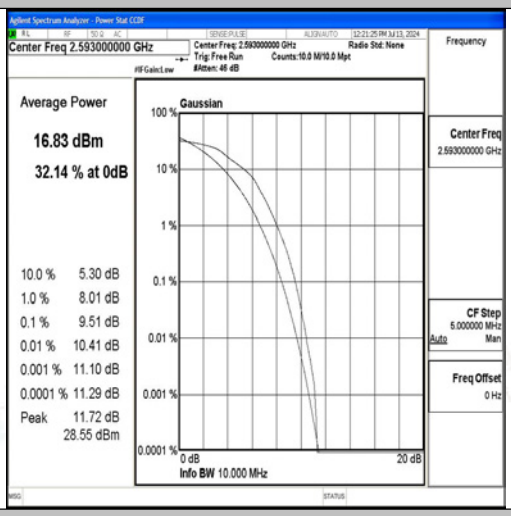

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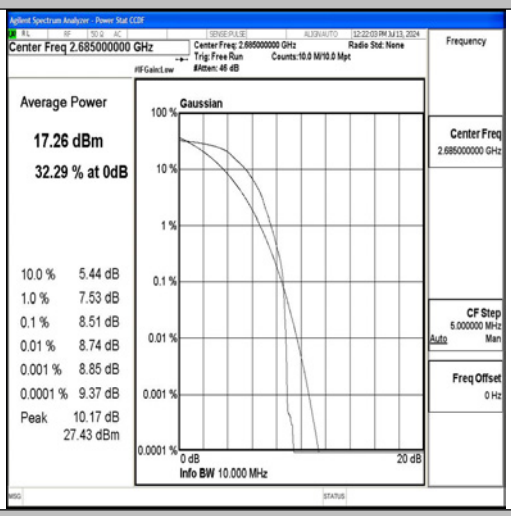
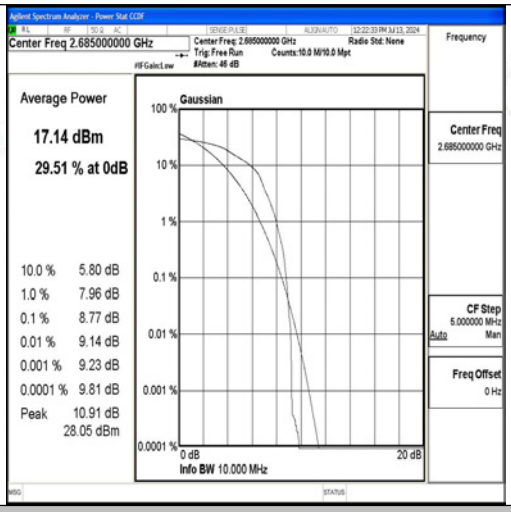


Band41-10MHz-QPSK-41540-1RB#0-PASS



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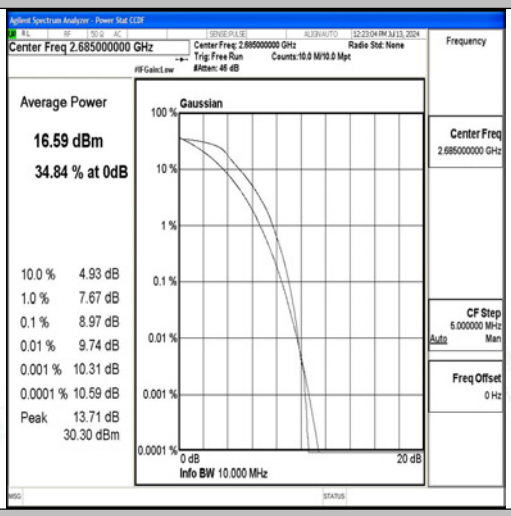

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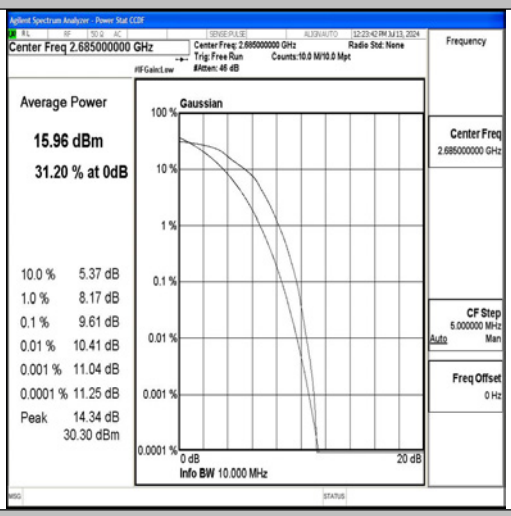

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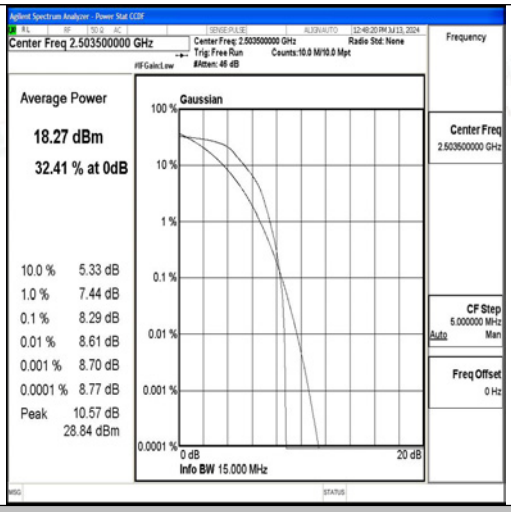
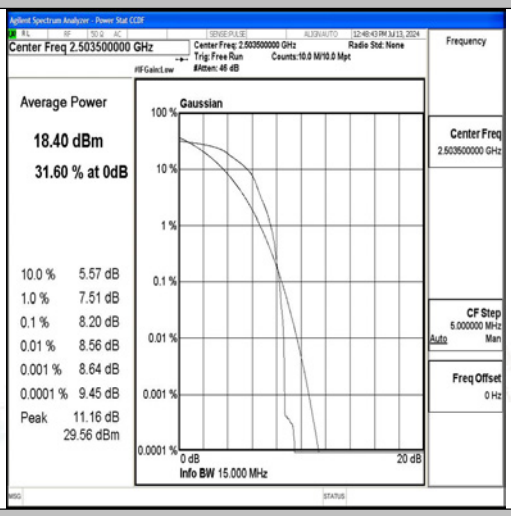


Band41-15MHz-QPSK-39725-1RB#0-PASS



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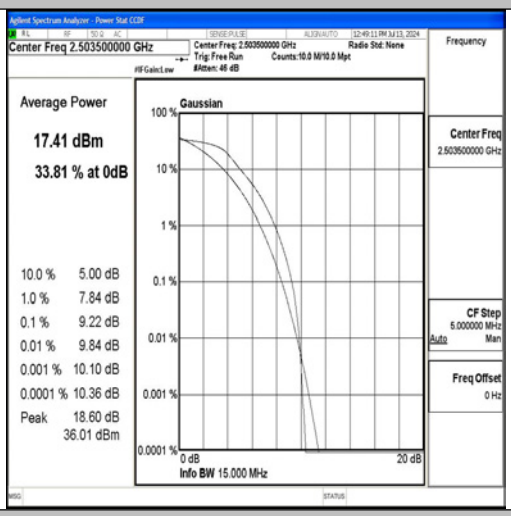
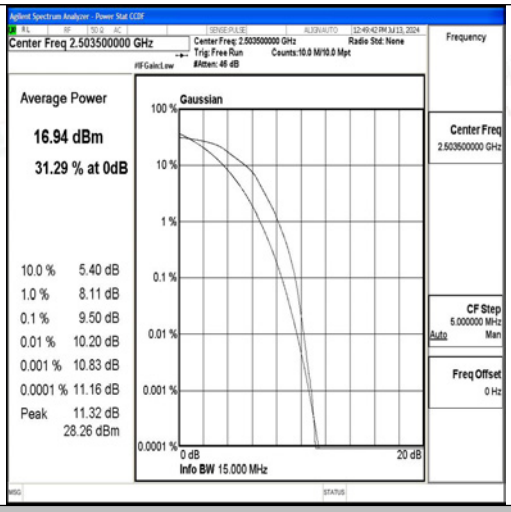
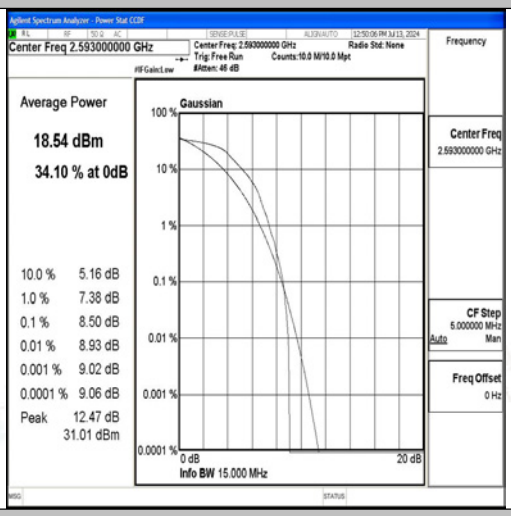


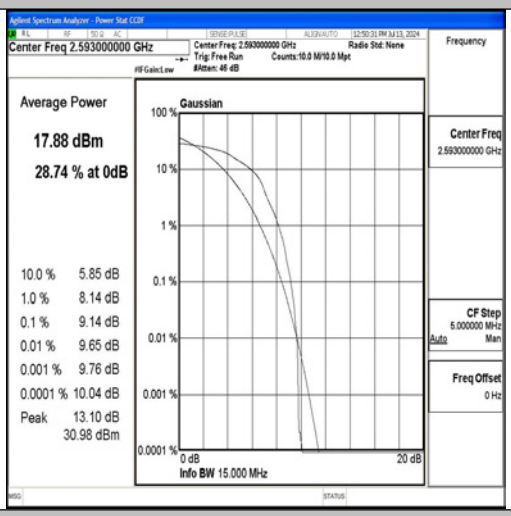
Band41-15MHz-QPSK-39725-75RB#0-PASS



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



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



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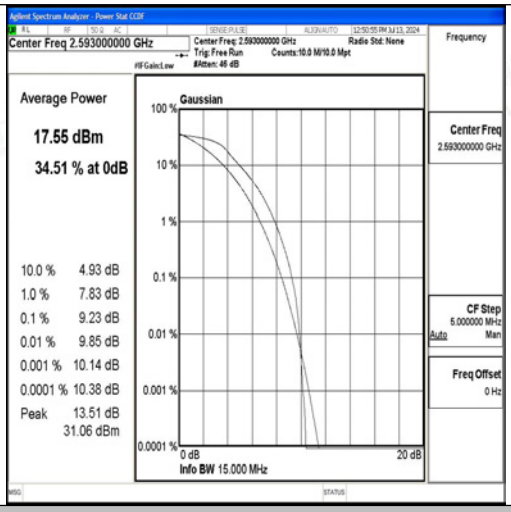

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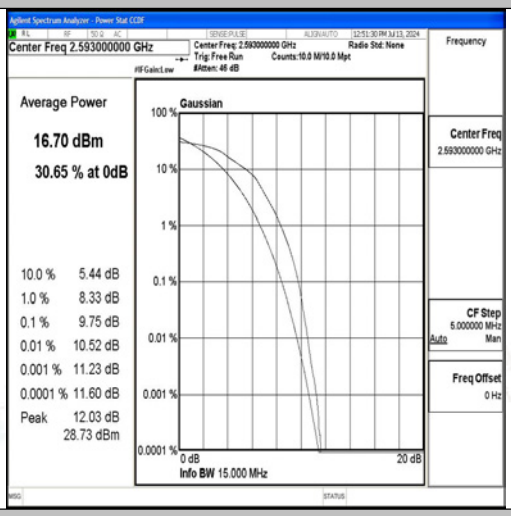

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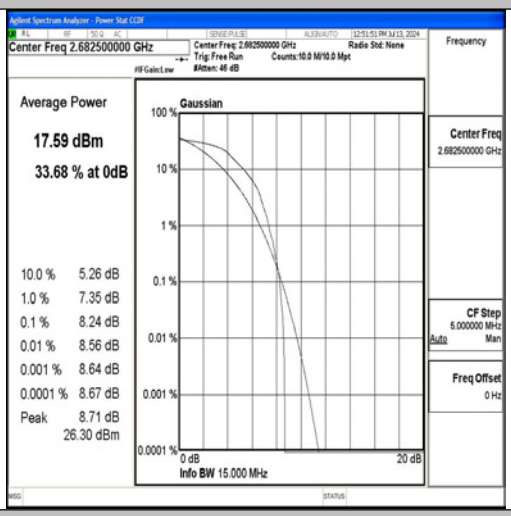

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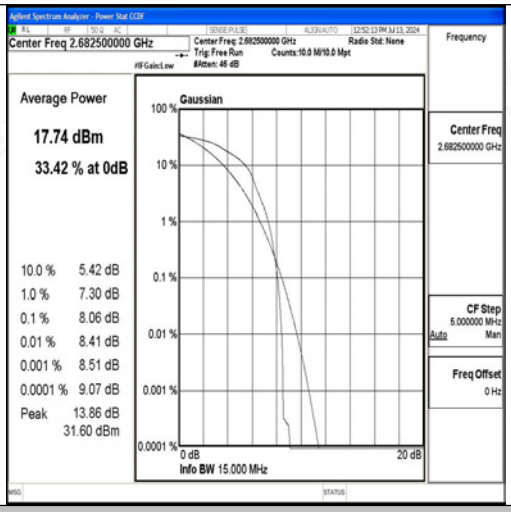

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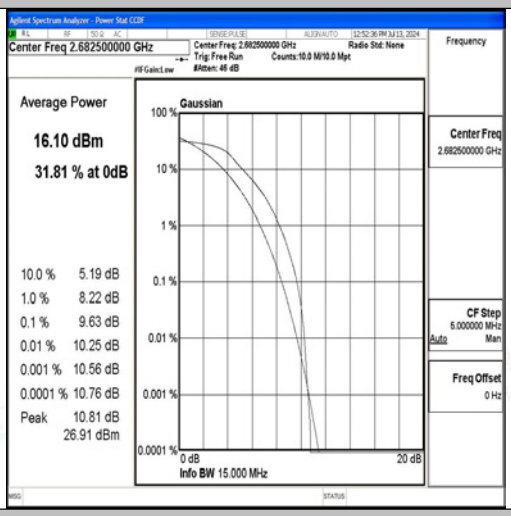

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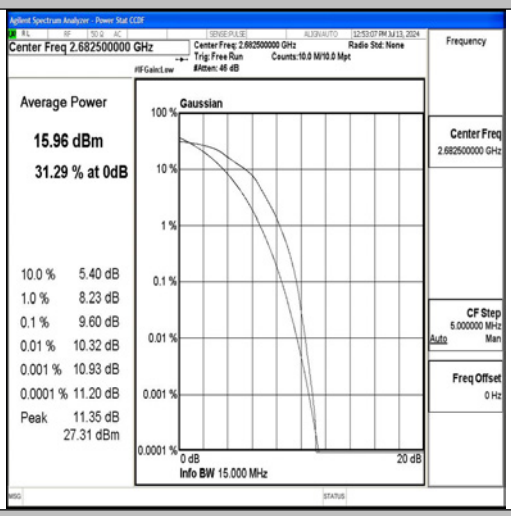

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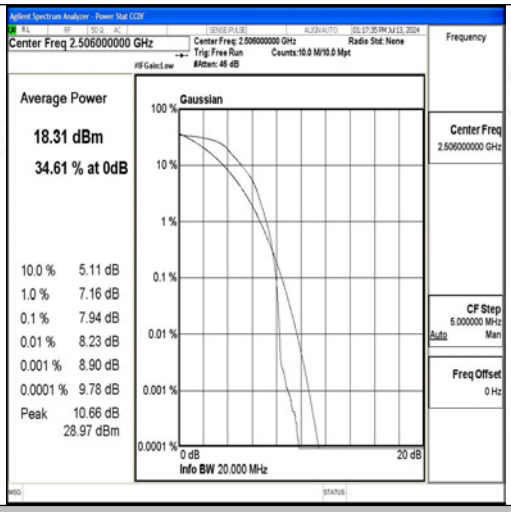
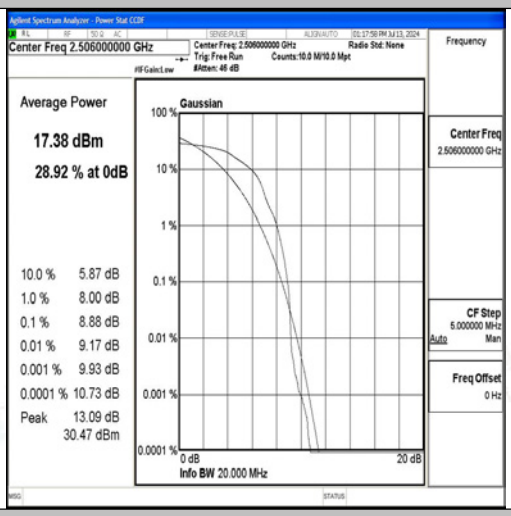
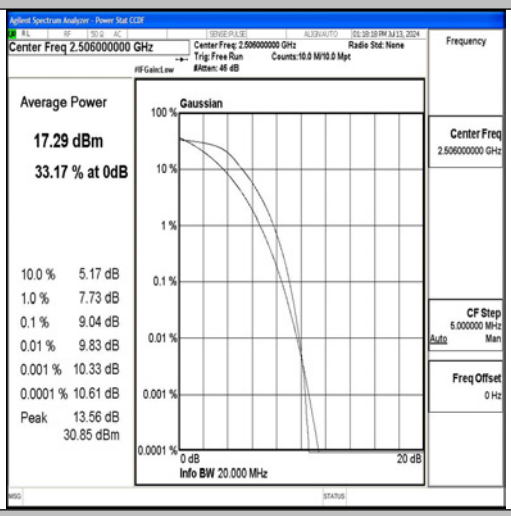


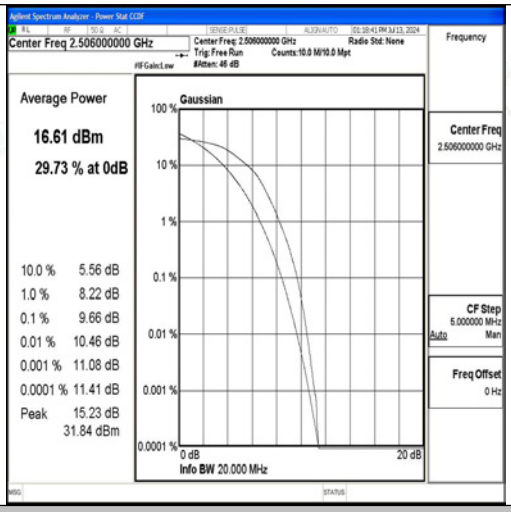
Band41-20MHz-QPSK-39750-1RB#0-PASS



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



Band41-20MHz-QPSK-39750-100RB#0-PASS



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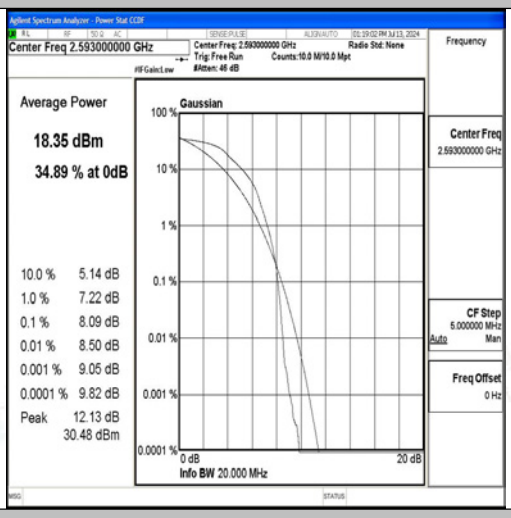
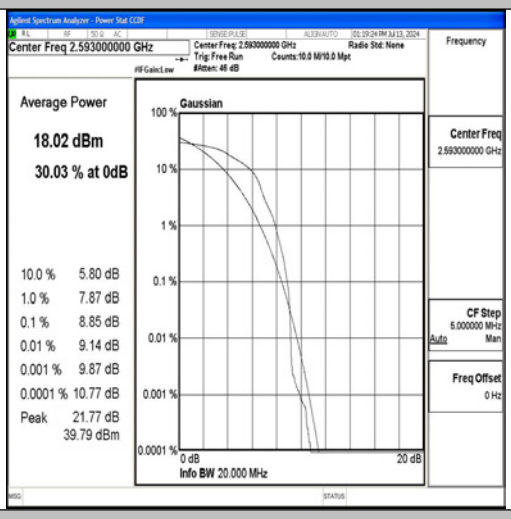


Band41-20MHz-QPSK-40620-1RB#0-PASS



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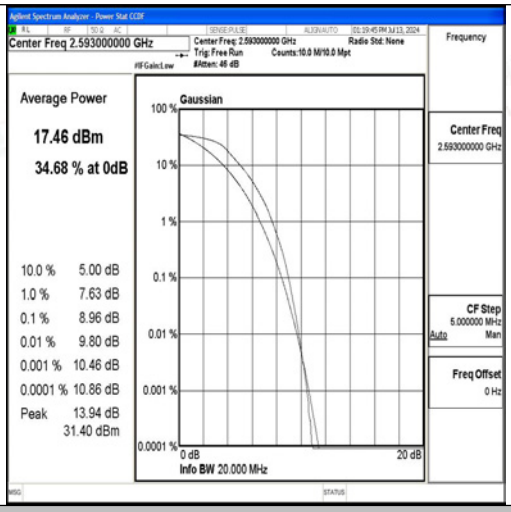

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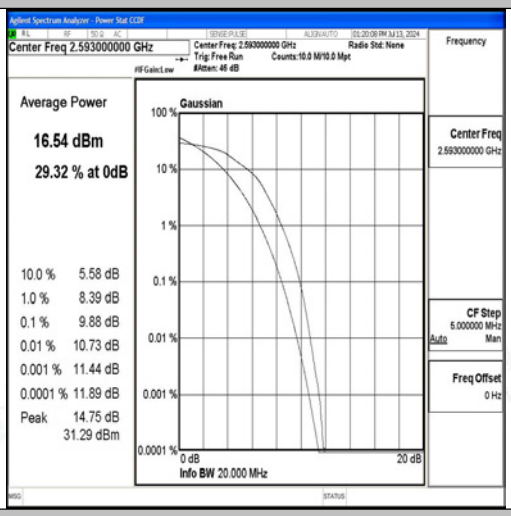

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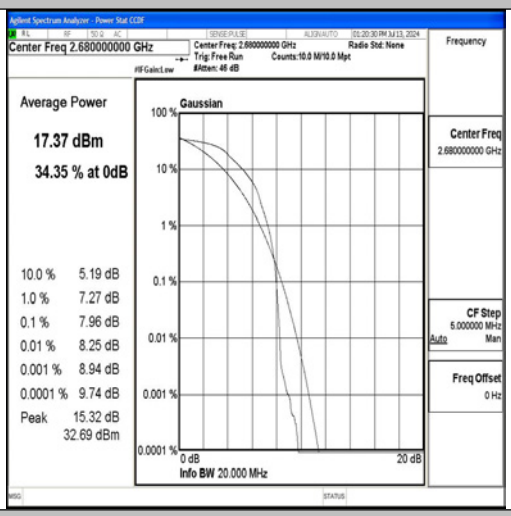
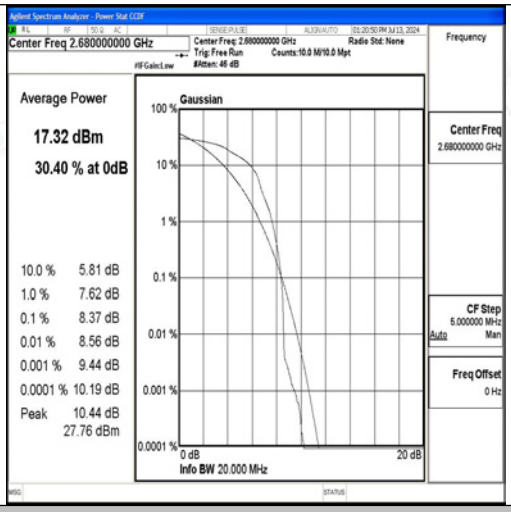
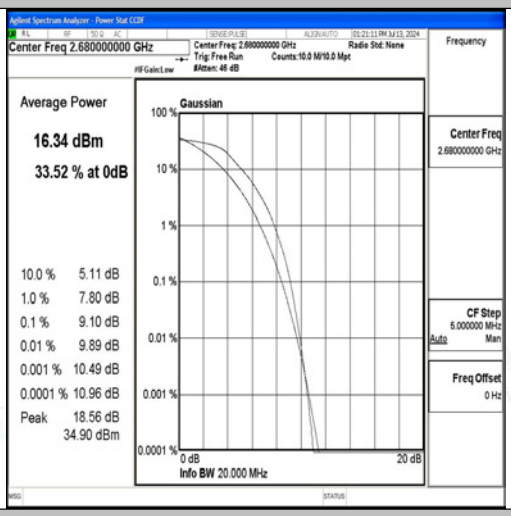


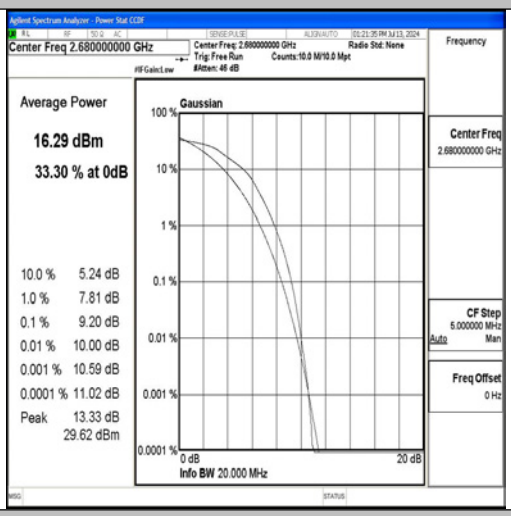
Band41-20MHz-QPSK-41490-1RB#0-PASS



Band41-20MHz-16QAM-41490-1RB#0-PASS



Band41-20MHz-QPSK-41490-100RB#0-PASS



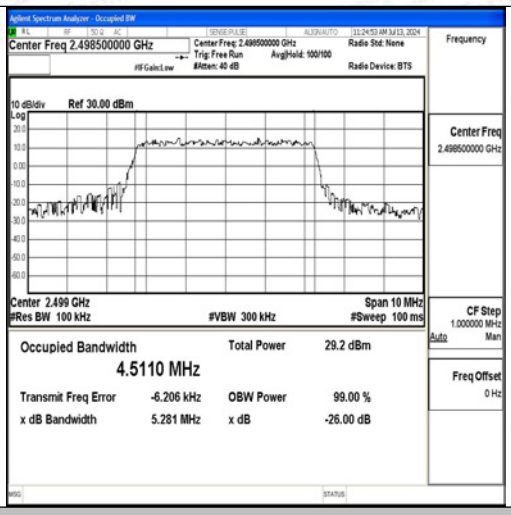
Band41-20MHz-16QAM-41490-100RB#0-PASS

P.3 26dB Bandwidth and Occupied Bandwidth

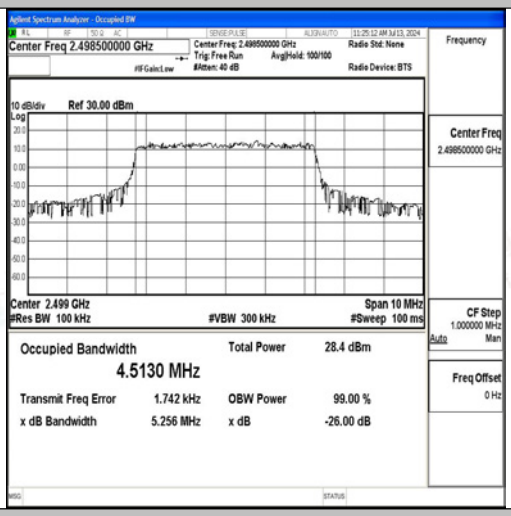
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5110	5.281	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5130	5.256	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5075	5.212	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5190	5.342	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4920	5.061	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5076	5.279	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9832	10.08	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9916	10.06	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9993	10.10	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.0037	10.04	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0374	10.12	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0083	11.14	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.517	15.92	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.479	15.63	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.558	15.51	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.537	15.41	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.493	15.54	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.463	15.52	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.019	20.63	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.020	20.27	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.986	20.50	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.932	20.74	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.911	19.77	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.935	20.28	PASS

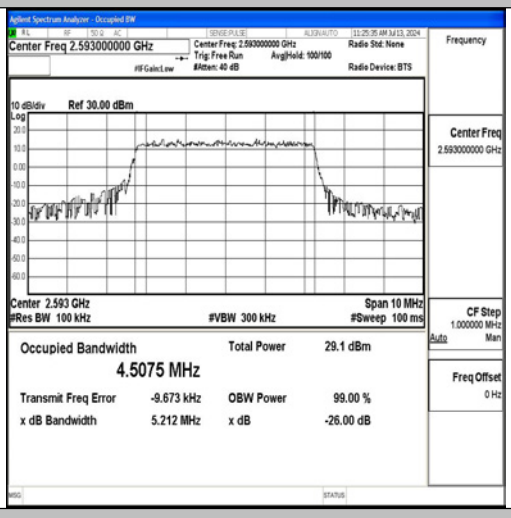
Test Graphs



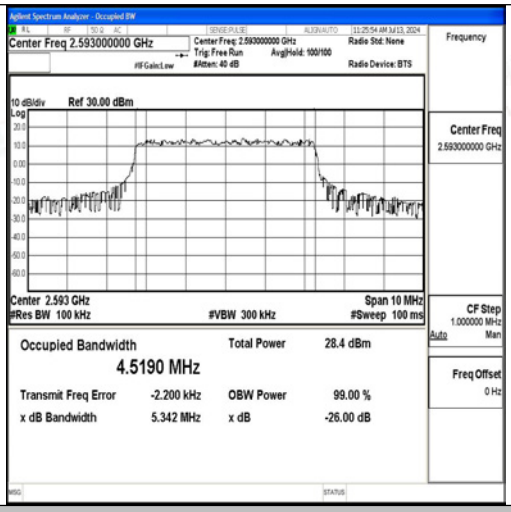
Band41-5MHz-QPSK-39675-25RB#0-PASS



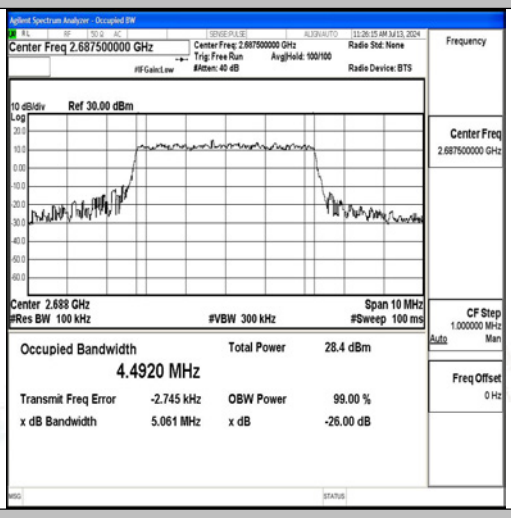
Band41-5MHz-16QAM-39675-25RB#0-PASS



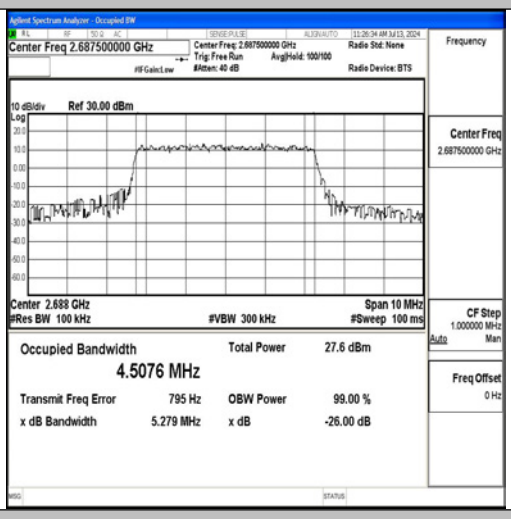
Band41-5MHz-QPSK-40620-25RB#0-PASS



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



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



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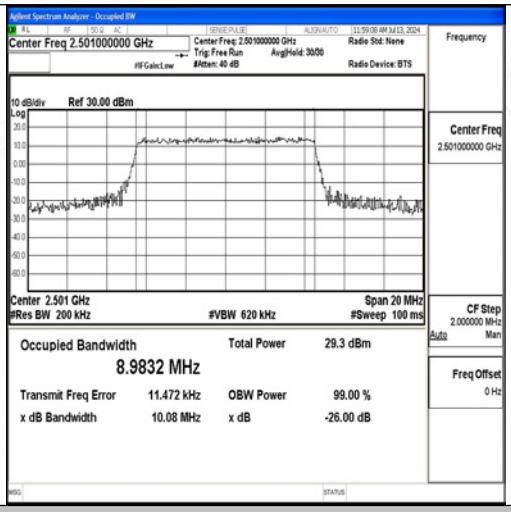
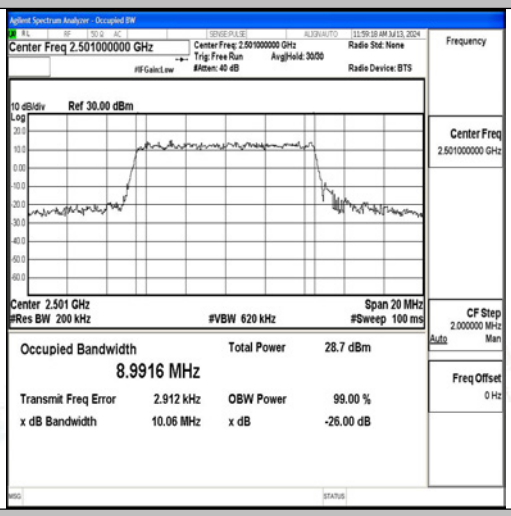


Band41-10MHz-QPSK-39700-50RB#0-PASS



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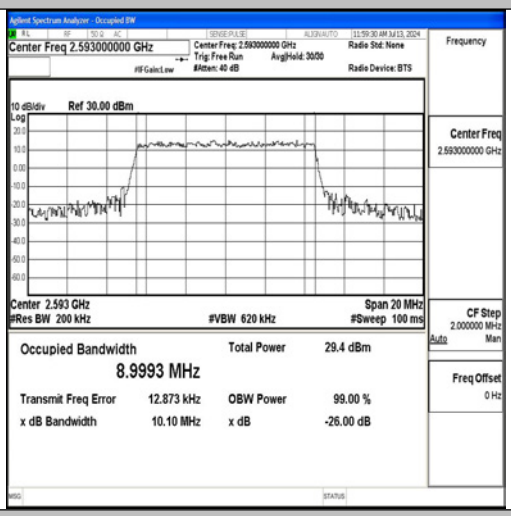

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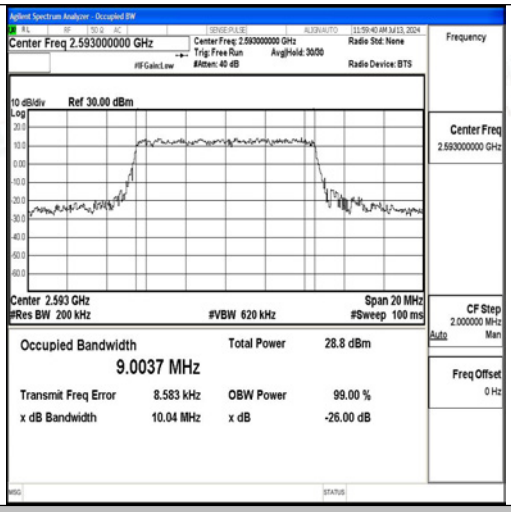

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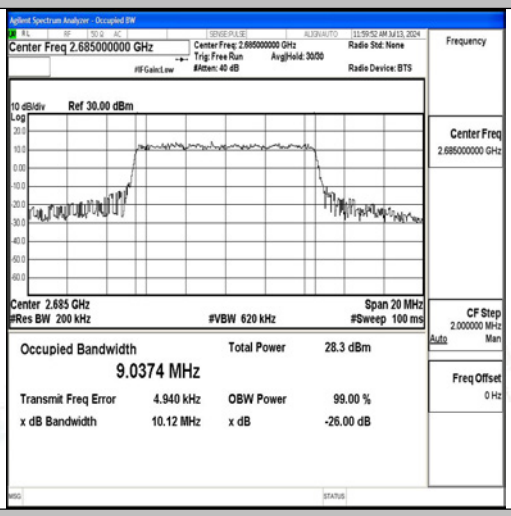
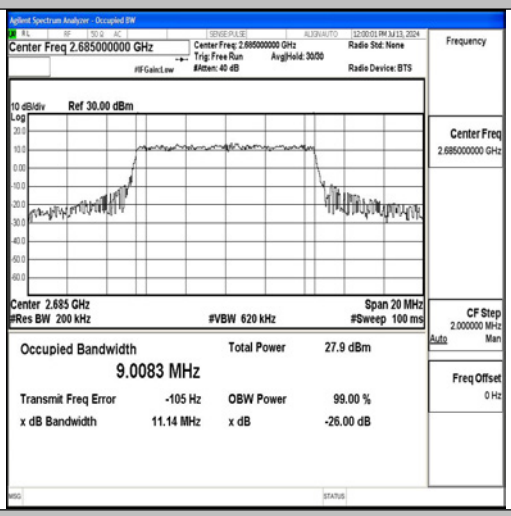
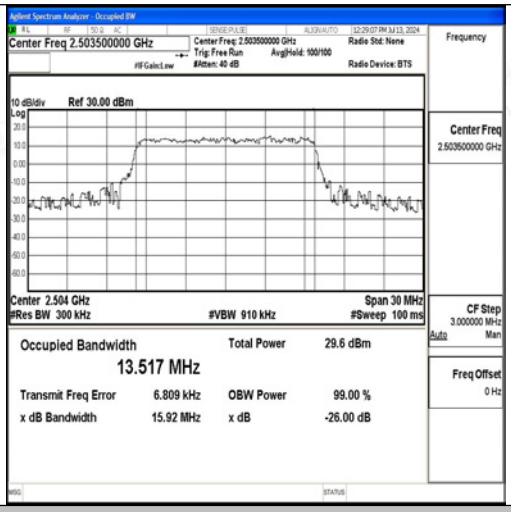


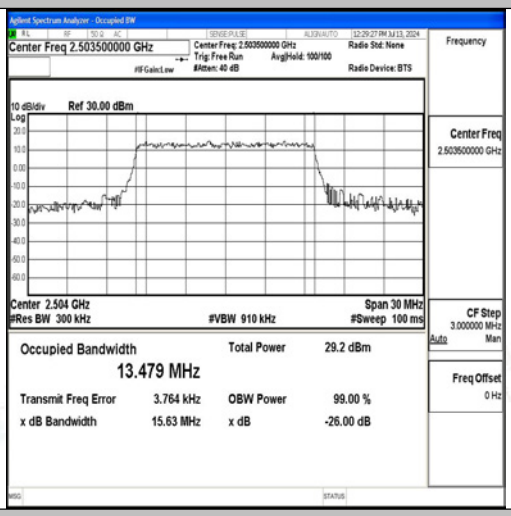
Band41-10MHz-QPSK-41540-50RB#0-PASS



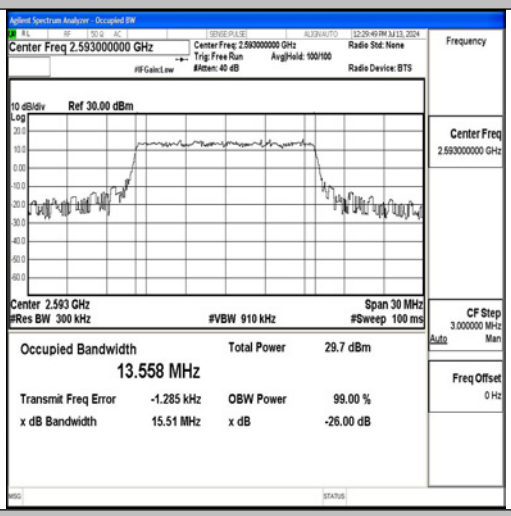
Band41-10MHz-16QAM-41540-50RB#0-PASS



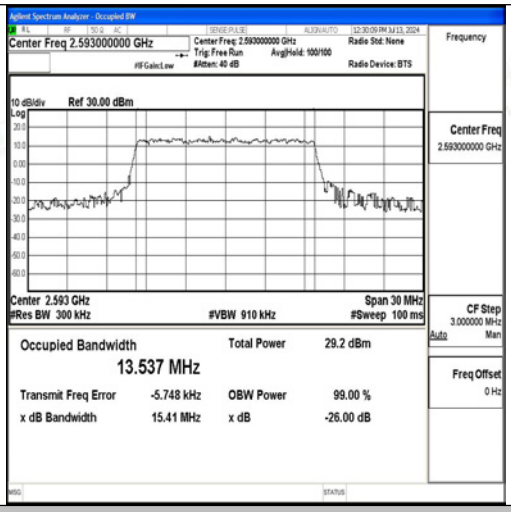
Band41-15MHz-QPSK-39725-75RB#0-PASS



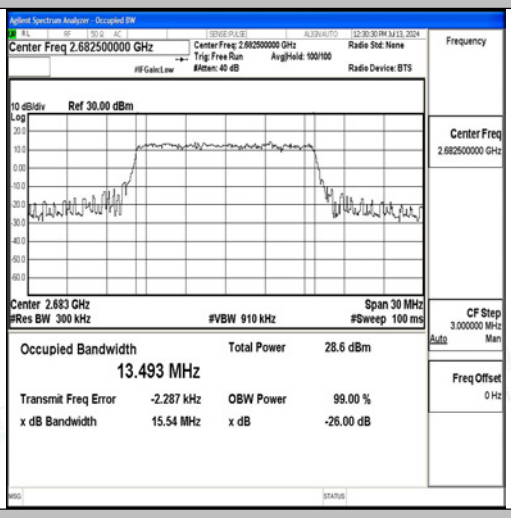
Band41-15MHz-16QAM-39725-75RB#0-PASS



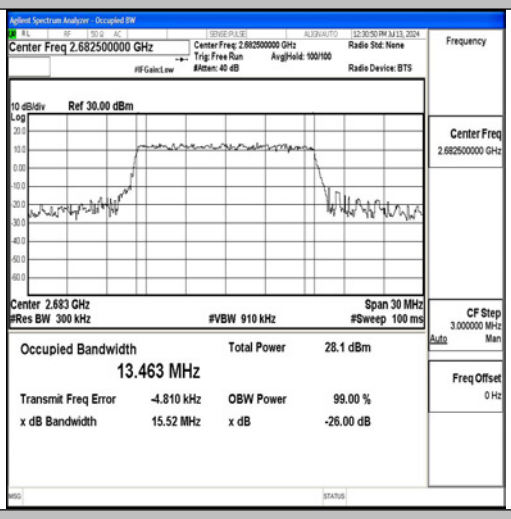
Band41-15MHz-QPSK-40620-75RB#0-PASS



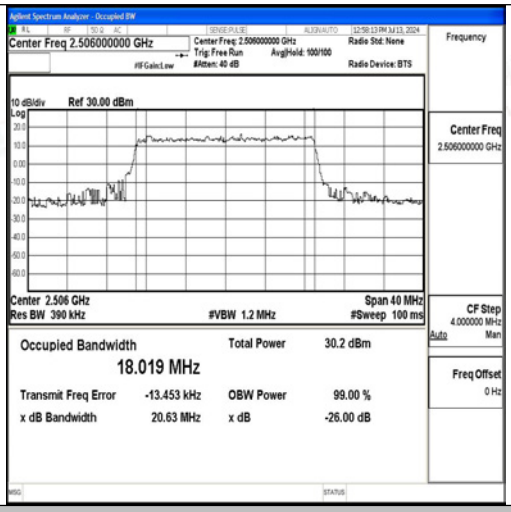
Band41-15MHz-16QAM-40620-75RB#0-PASS



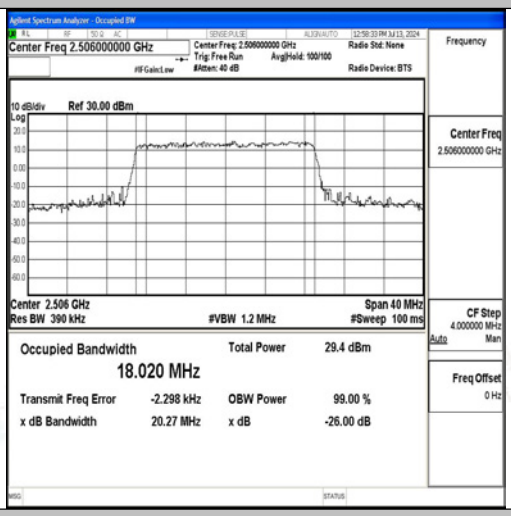
Band41-15MHz-QPSK-41515-75RB#0-PASS



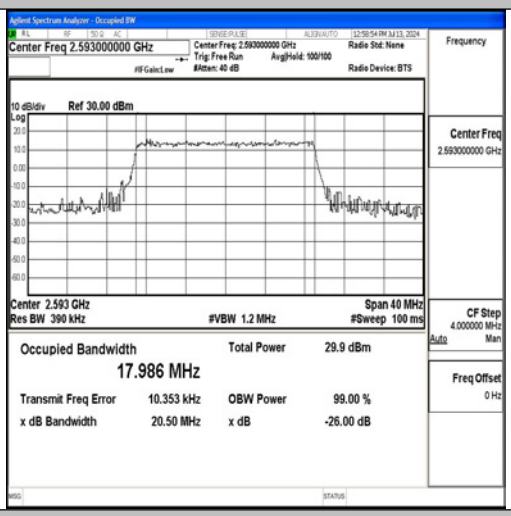
Band41-15MHz-16QAM-41515-75RB#0-PASS



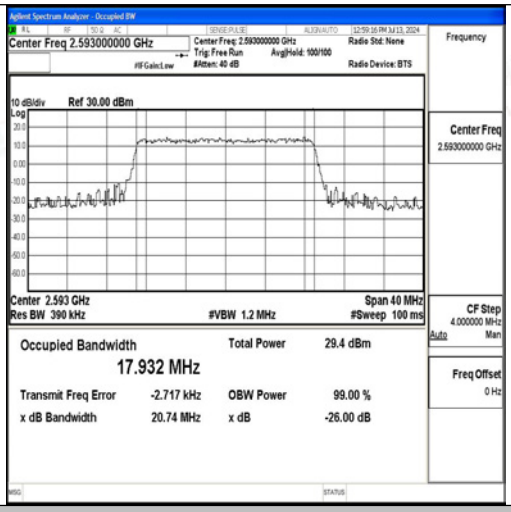
Band41-20MHz-QPSK-39750-100RB#0-PASS



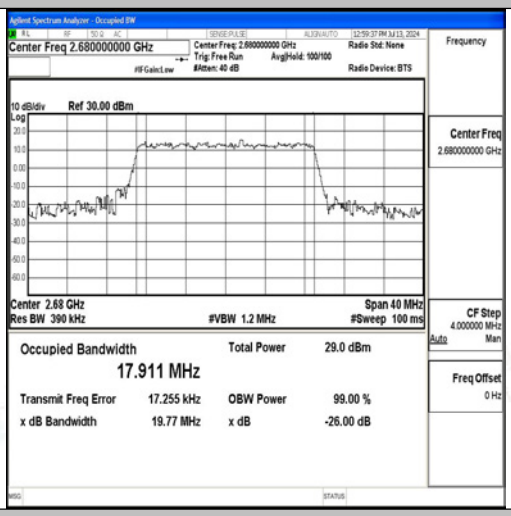
Band41-20MHz-16QAM-39750-100RB#0-PASS



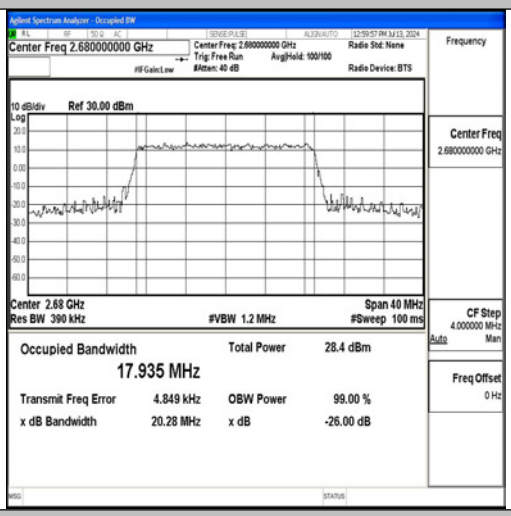
Band41-20MHz-QPSK-40620-100RB#0-PASS



Band41-20MHz-16QAM-40620-100RB#0-PASS



Band41-20MHz-QPSK-41490-100RB#0-PASS



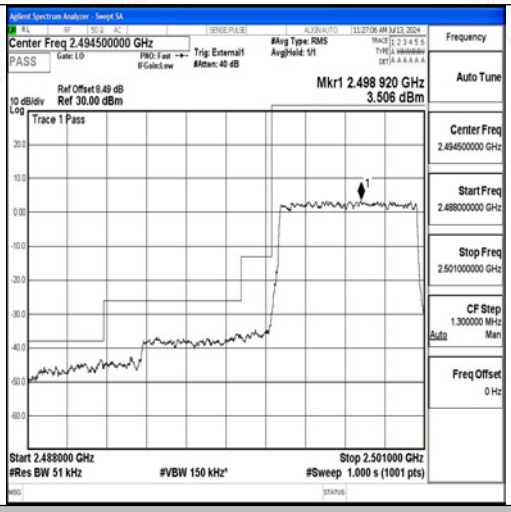
Band41-20MHz-16QAM-41490-100RB#0-PASS

P.4 Band Edge

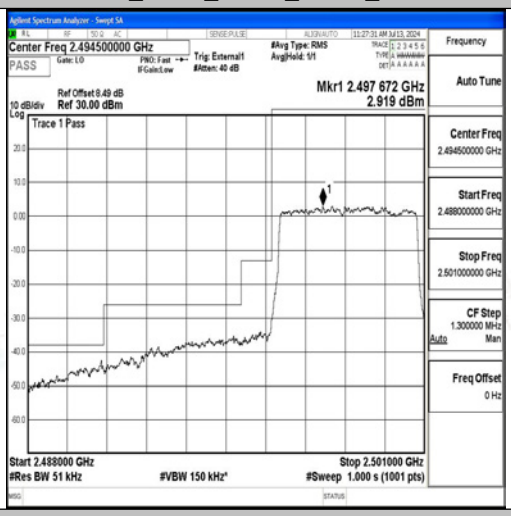
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	2490.39	-43.43	PASS
Band41	5MHz	16QAM	39675	25RB#0	2490.42	-42.57	PASS
Band41	5MHz	QPSK	41565	25RB#0	2696.15	-44.43	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.04	-45.08	PASS
Band41	10MHz	QPSK	39700	50RB#0	2490.39	-36.03	PASS
Band41	10MHz	16QAM	39700	50RB#0	2490.47	-36.91	PASS
Band41	10MHz	QPSK	41540	50RB#0	2700.53	-40.53	PASS
Band41	10MHz	16QAM	41540	50RB#0	2700.00	-41.30	PASS
Band41	15MHz	QPSK	39725	75RB#0	2489.47	-33.67	PASS
Band41	15MHz	16QAM	39725	75RB#0	2489.47	-33.45	PASS
Band41	15MHz	QPSK	41515	75RB#0	2706.12	-39.51	PASS
Band41	15MHz	16QAM	41515	75RB#0	2706.15	-39.87	PASS
Band41	20MHz	QPSK	39750	100RB#0	2489.18	-33.19	PASS
Band41	20MHz	16QAM	39750	100RB#0	2489.34	-33.13	PASS
Band41	20MHz	QPSK	41490	100RB#0	2710.05	-39.98	PASS
Band41	20MHz	16QAM	41490	100RB#0	2710.55	-40.71	PASS

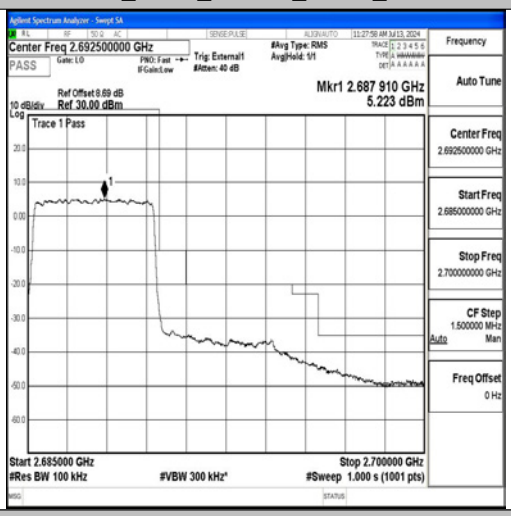
Test Graphs



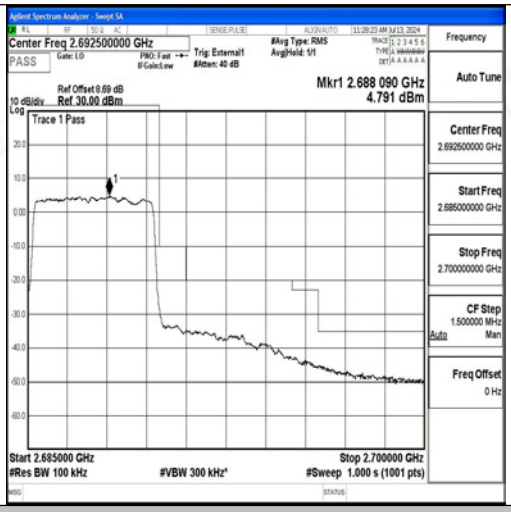
Band41_5MHz_QPSK_39675_25RB#0



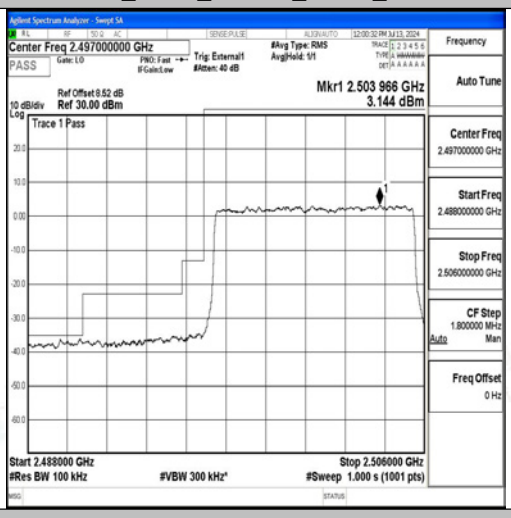
Band41_5MHz_16QAM_39675_25RB#0



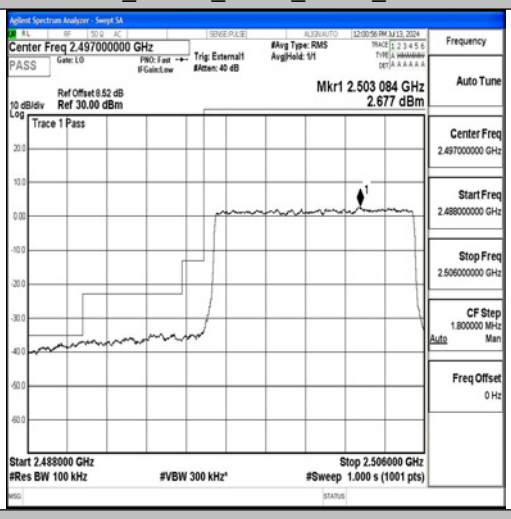
Band41_5MHz_QPSK_41565_25RB#0



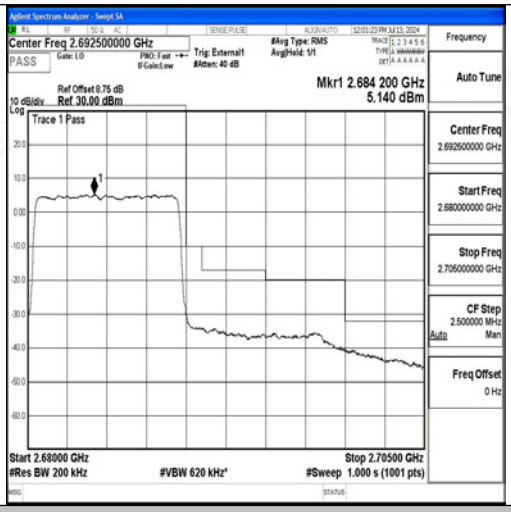
Band41_5MHz_16QAM_41565_25RB#0



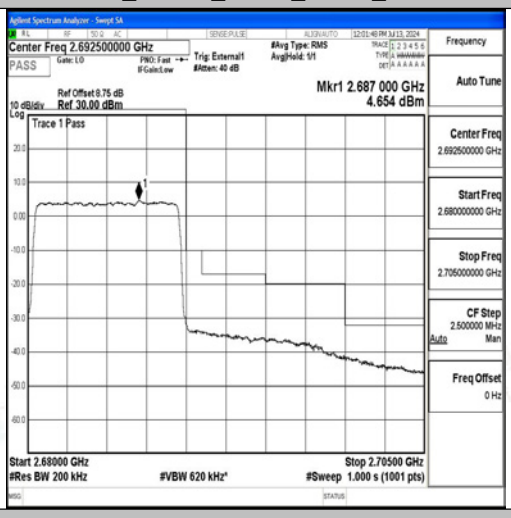
Band41_10MHz_QPSK_39700_50RB#0



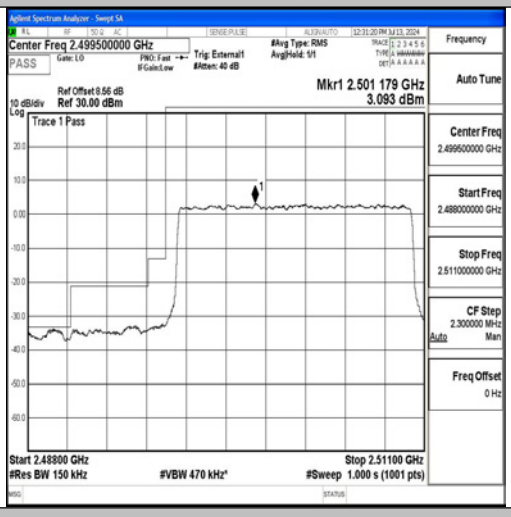
Band41_10MHz_16QAM_39700_50RB#0



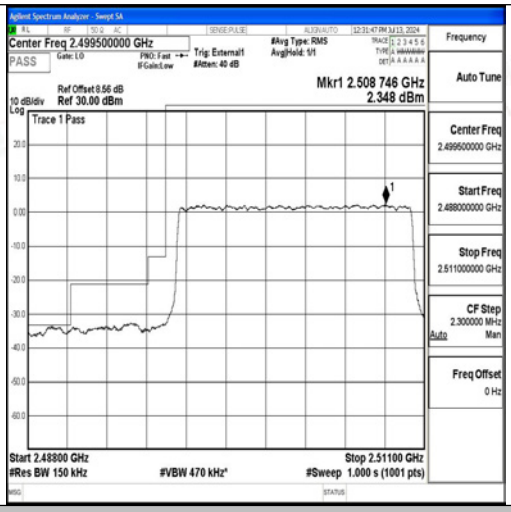
Band41_10MHz_QPSK_41540_50RB#0



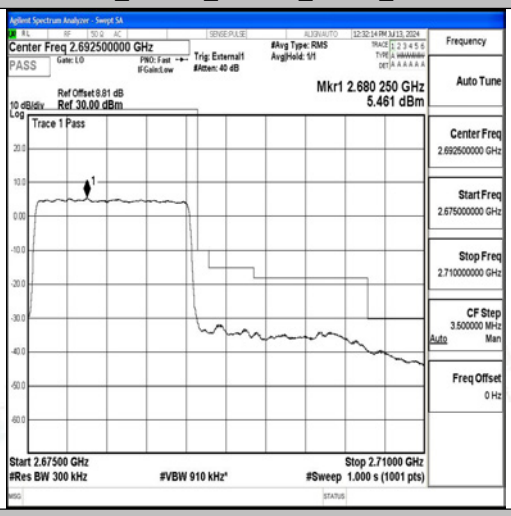
Band41_10MHz_16QAM_41540_50RB#0



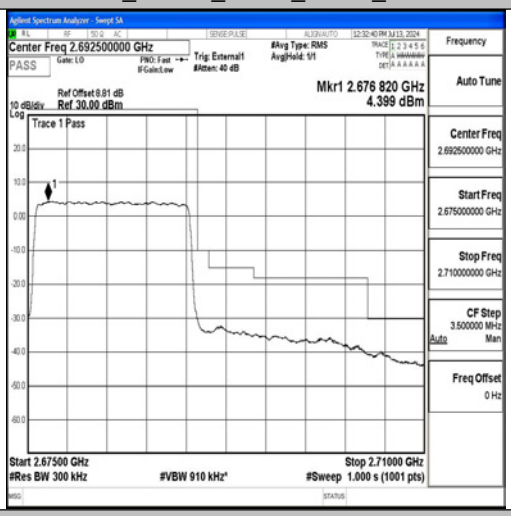
Band41_15MHz_QPSK_39725_75RB#0



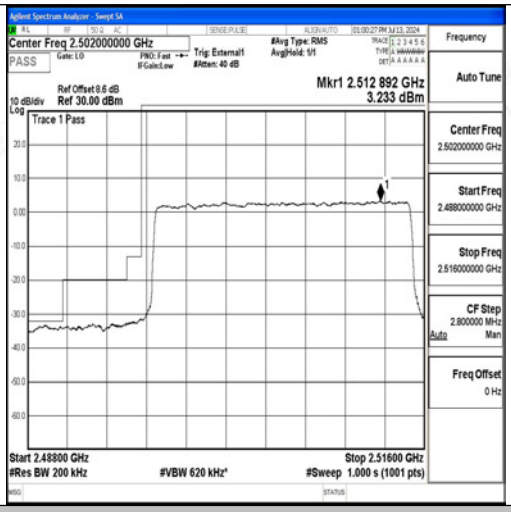
Band41_15MHz_16QAM_39725_75RB#0



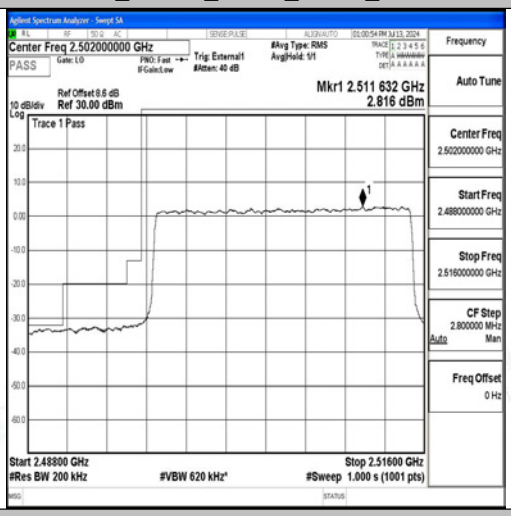
Band41_15MHz_QPSK_41515_75RB#0



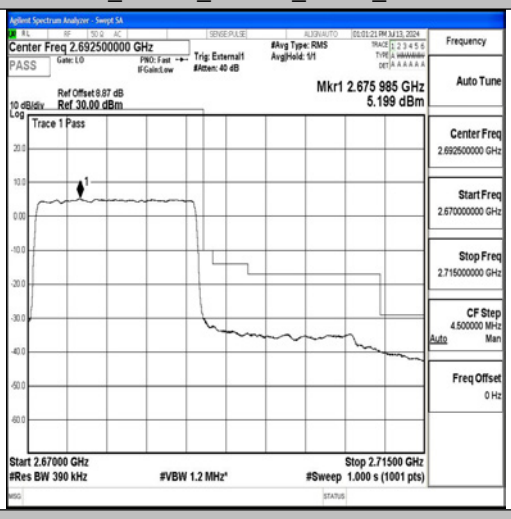
Band41_15MHz_16QAM_41515_75RB#0



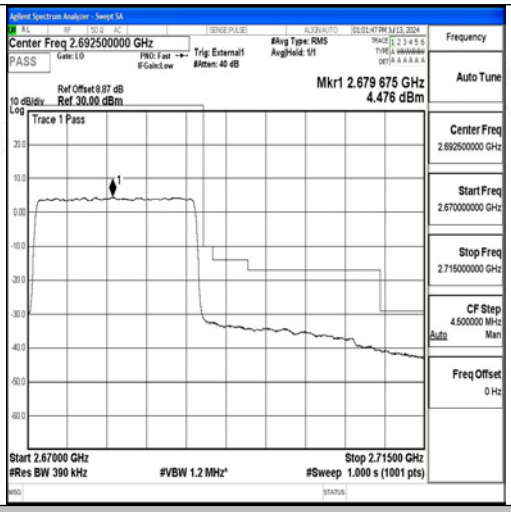
Band41_20MHz_QPSK_39750_100RB#0



Band41_20MHz_16QAM_39750_100RB#0



Band41_20MHz_QPSK_41490_100RB#0



Band41_20MHz_16QAM_41490_100RB#0

P.5 Conducted Spurious Emission

Test Result

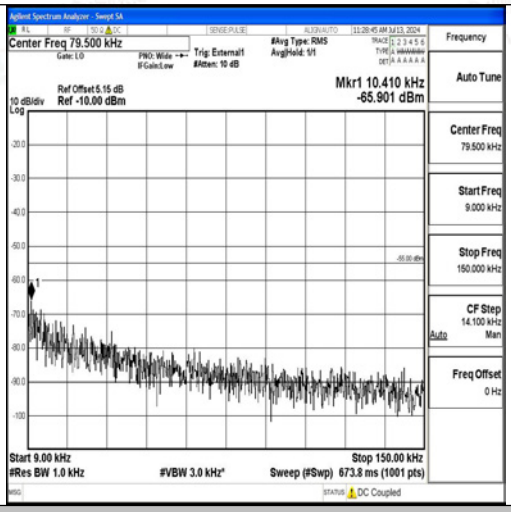
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	-65.90	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-59.64	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-62.88	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-33.17	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-35.37	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-67.35	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-61.92	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-62.87	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-35.06	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-68.65	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-58.13	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-62.78	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-33.30	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-35.26	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-66.68	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-59.15	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-62.70	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-32.09	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-35.30	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-68.75	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-58.93	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-62.51	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-32.71	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-35.15	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-67.18	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-59.55	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-62.91	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-32.99	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-34.85	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-63.63	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-60.72	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-62.53	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-33.20	PASS

Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-34.68	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-68.02	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-63.18	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-62.73	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-32.98	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-35.33	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-65.17	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-58.24	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-62.71	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-33.37	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-35.51	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-68.03	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-58.12	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-62.79	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-32.91	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-35.25	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-68.21	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-58.36	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-62.95	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-33.36	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-35.25	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-68.97	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-60.47	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-62.92	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-32.74	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-35.33	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-68.20	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-60.92	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-62.28	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-33.23	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-35.04	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-66.68	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-59.44	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-62.99	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-33.43	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-35.35	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-67.52	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-58.64	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-62.93	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-33.17	PASS

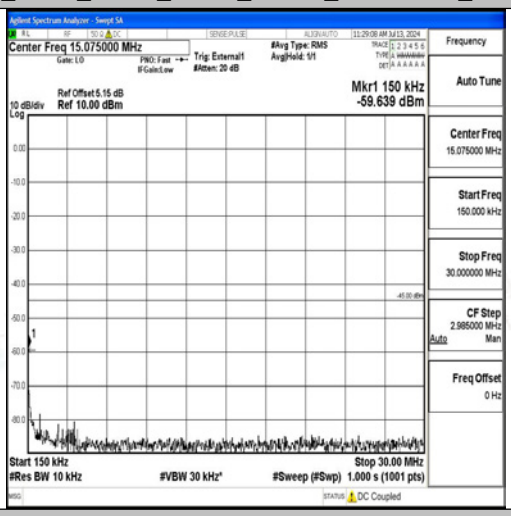
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-34.99	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-66.98	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-60.68	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	-62.62	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-33.36	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-35.14	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-64.56	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-60.49	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-62.76	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-33.09	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-35.03	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-66.35	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-59.21	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-62.93	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-32.85	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-35.25	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-65.80	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-62.83	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-62.89	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-33.25	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-34.97	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-66.19	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-62.21	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-62.63	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-33.16	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-35.13	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-67.11	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-62.25	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-62.67	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-33.22	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-34.99	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-68.57	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-59.20	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-62.84	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-33.20	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-35.11	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-67.58	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-61.70	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-62.86	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-32.75	PASS

Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-35.42	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-67.76	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-58.82	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-62.82	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-33.28	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-35.35	PASS

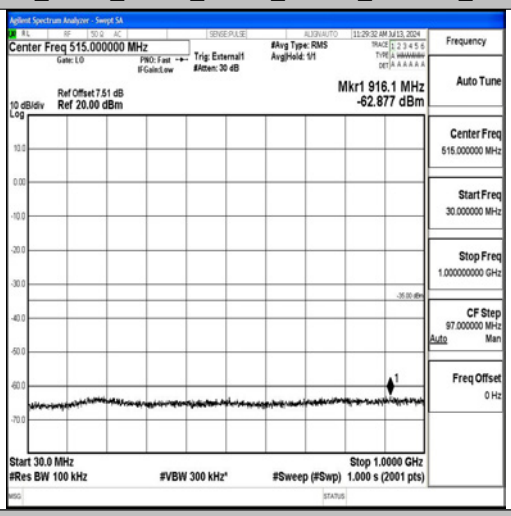
Test Graphs



Band41_5MHz_QPSK_39675_1RB#0_0.009~0.15_0.009~0.15



Band41_5MHz_QPSK_39675_1RB#0_0.15~30_0.15~30



Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000