Appendix S Test Data for E-UTRA Band 41

Product Name: Model 6s

Test Model: Model 6s

Environmental Conditions

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

S.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	20.98	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.06	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.03	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.15	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.03	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.14	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.26	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.47	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.27	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.47	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.40	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.47	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.20	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.57	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.34	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.72	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.31	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.04	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.37	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.92	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.45	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.57	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.46	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.58	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.50	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.78	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.46	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.79	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.29	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.09	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.30	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.31	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.02	PASS

Band41	5MHz	QPSK	41565	12RB#0	20.47	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.55	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.45	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.56	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.37	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.66	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.58	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.93	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.84	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.45	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.92	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.63	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.19	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.86	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.94	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.17	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.81	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.17	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.04	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.30	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.98	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.23	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.61	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.22	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.72	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.33	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.79	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.50	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.56	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.81	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.52	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.81	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.75	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.91	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.64	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.89	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.63	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.19	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.61	PASS

Band41	10MHz	16QAM	41540	1RB#24	21.19	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.61	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.15	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.61	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.72	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.62	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.69	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.54	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.72	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.64	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.84	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.31	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.69	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.53	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.85	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.05	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.33	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.72	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.70	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.70	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.71	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.70	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.70	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.70	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.06	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.51	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.23	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.70	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.29	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.79	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.42	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.57	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.57	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.57	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.58	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.58	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.57	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.57	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.91	PASS

Band41	15MHz	QPSK	41515	1RB#0	21.52	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.16	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.63	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.26	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.16	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.49	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.33	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.33	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.33	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.33	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.33	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.33	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.33	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.71	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.49	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.84	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.81	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.17	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.22	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.61	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.02	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.36	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.01	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.37	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.52	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.89	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.27	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.31	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.21	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.95	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.52	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.14	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.63	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.63	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.27	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.75	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.28	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.76	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.58	PASS

Band41	20MHz	16QAM	40620	50RB#50	19.92	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.37	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.84	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.30	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.33	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.25	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.23	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.26	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.23	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.52	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.89	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.52	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.88	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.55	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.95	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.45	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.79	PASS

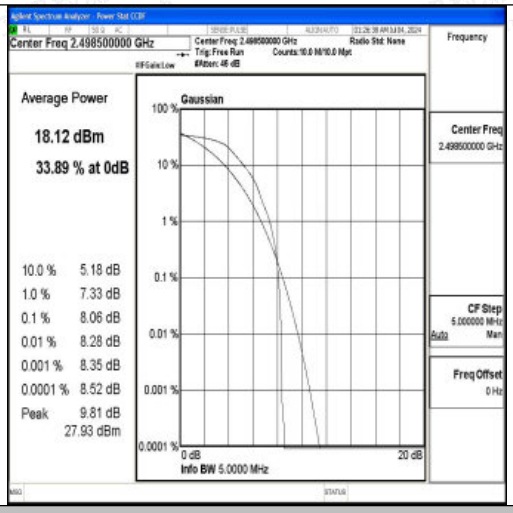
S.2 Peak-to-Average Ratio(CCDF)

Test Result

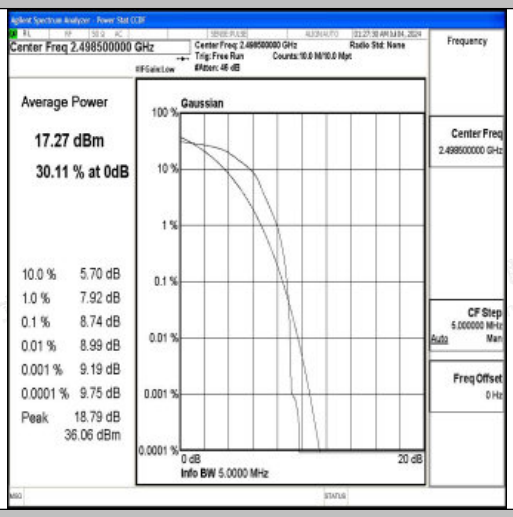
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.06	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.74	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	8.87	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.31	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.76	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.18	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.00	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.68	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.22	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.64	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.13	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.64	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	7.78	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.26	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.99	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.57	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.36	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.94	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.95	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.58	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.23	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.89	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.93	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.70	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	7.92	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.41	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	8.78	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.63	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.64	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	9.00	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.44	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.47	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.34	13	PASS

Band41	15MHz	16QAM	41515	1RB#0	8.91	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.54	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	10.25	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.03	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.43	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.81	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.49	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.35	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.76	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.06	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.38	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.22	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	7.89	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.76	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.47	13	PASS

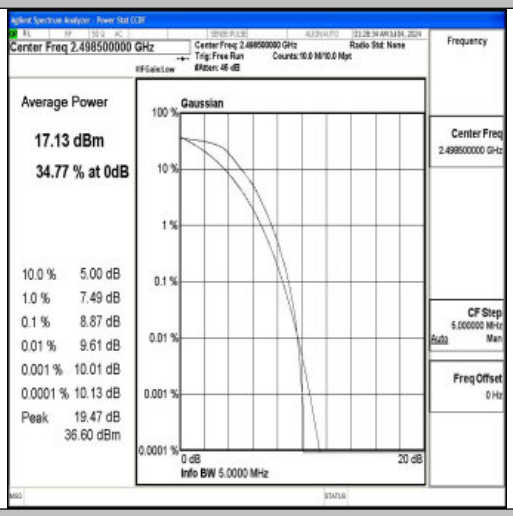
Test Graphs



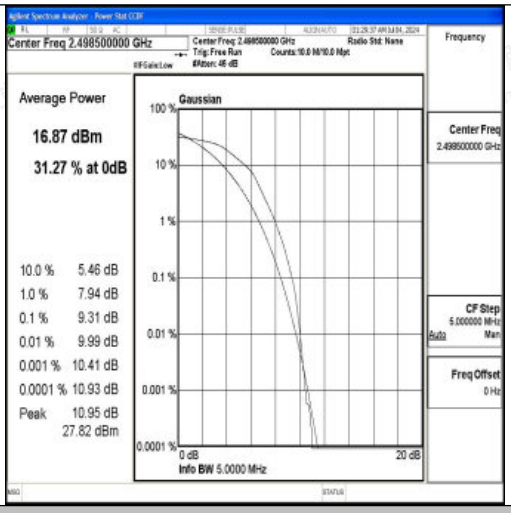
Band41-5MHz-QPSK-39675-1RB#0-PASS



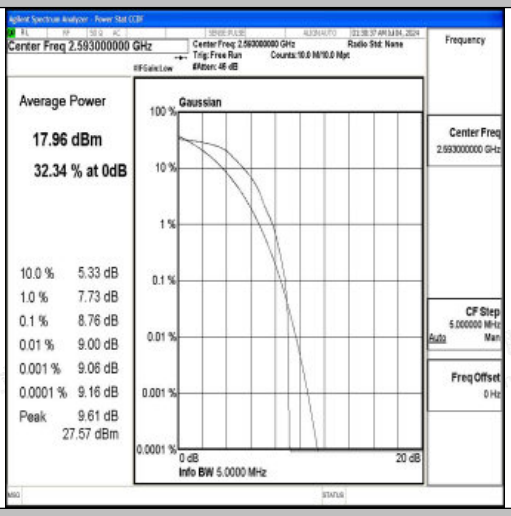
Band41-5MHz-16QAM-39675-1RB#0-PASS



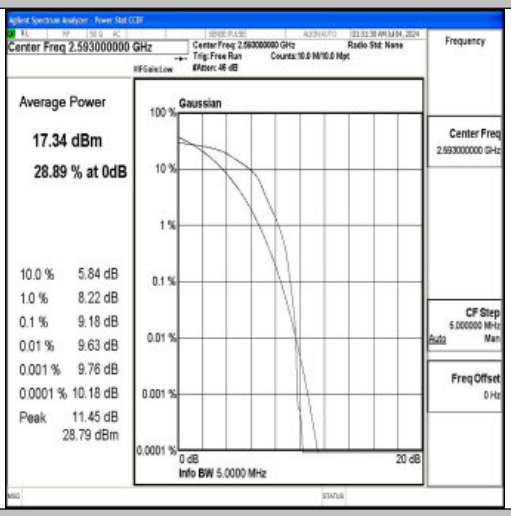
Band41-5MHz-QPSK-39675-25RB#0-PASS



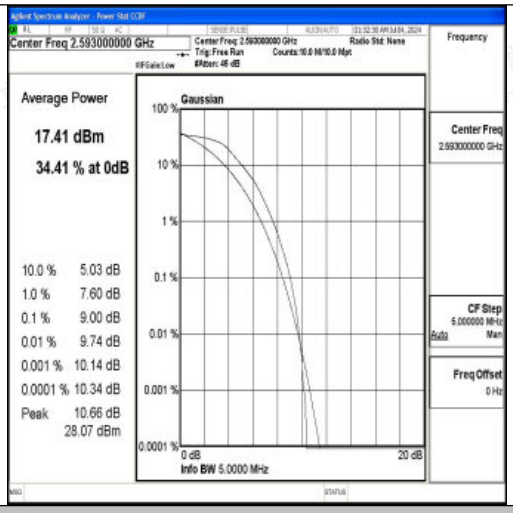
Band41-5MHz-16QAM-39675-25RB#0-PASS



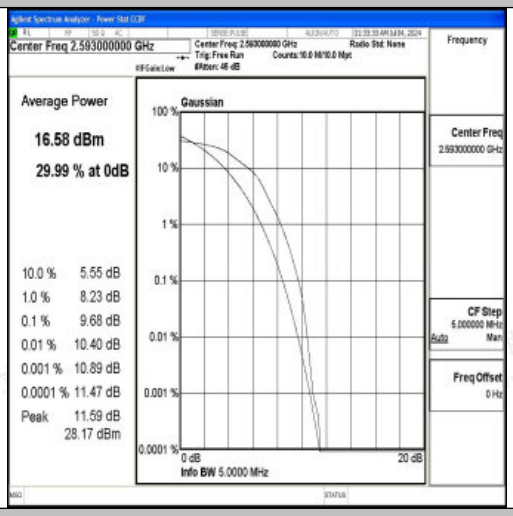
Band41-5MHz-QPSK-40620-1RB#0-PASS



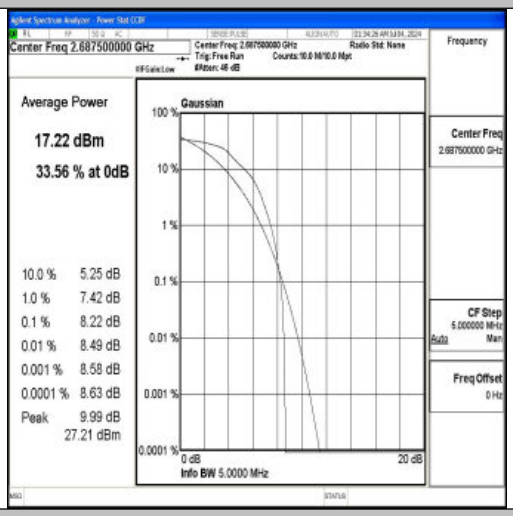
Band41-5MHz-16QAM-40620-1RB#0-PASS



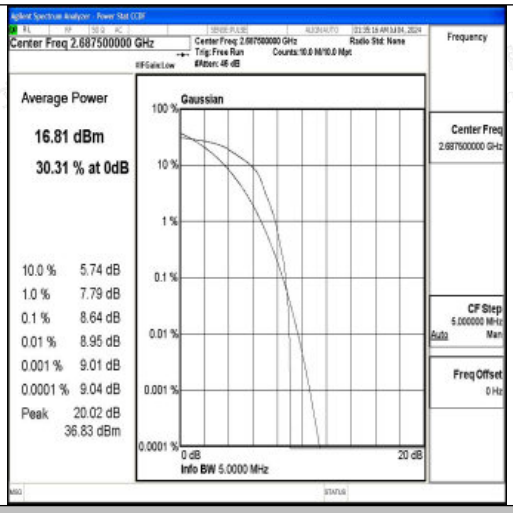
Band41-5MHz-QPSK-40620-25RB#0-PASS



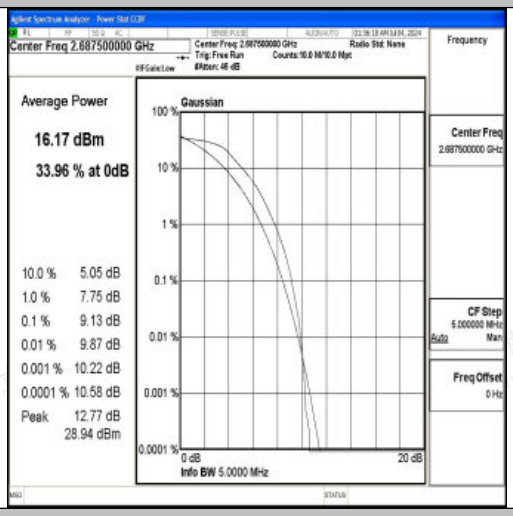
Band41-5MHz-16QAM-40620-25RB#0-PASS



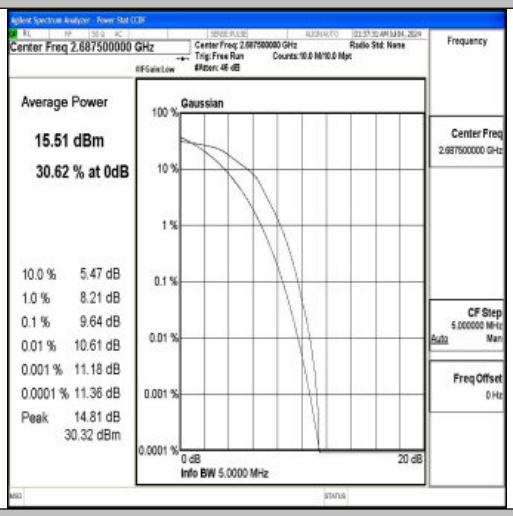
Band41-5MHz-QPSK-41565-1RB#0-PASS



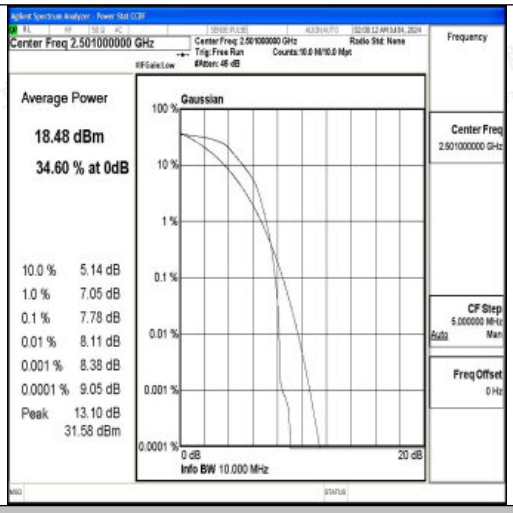
Band41-5MHz-16QAM-41565-1RB#0-PASS



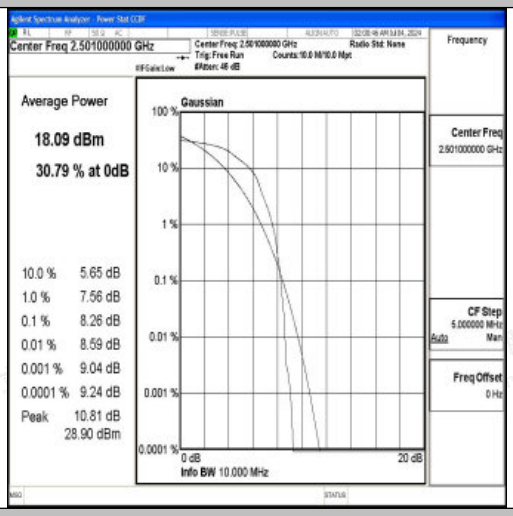
Band41-5MHz-QPSK-41565-25RB#0-PASS



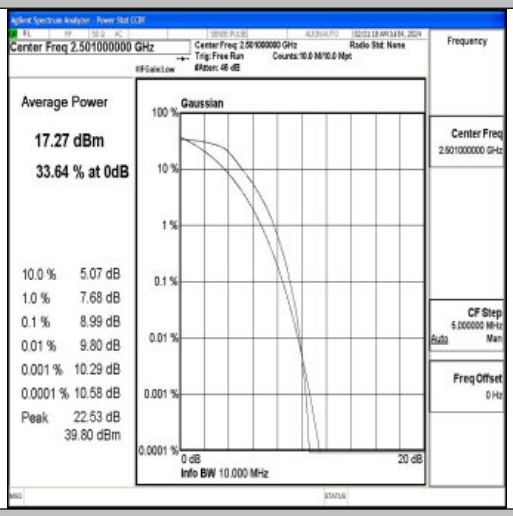
Band41-5MHz-16QAM-41565-25RB#0-PASS



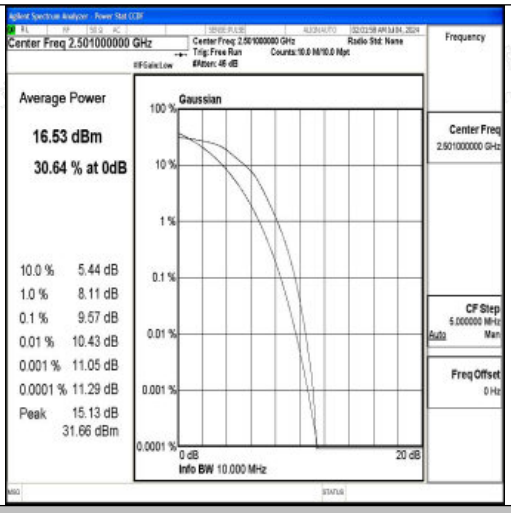
Band41-10MHz-QPSK-39700-1RB#0-PASS



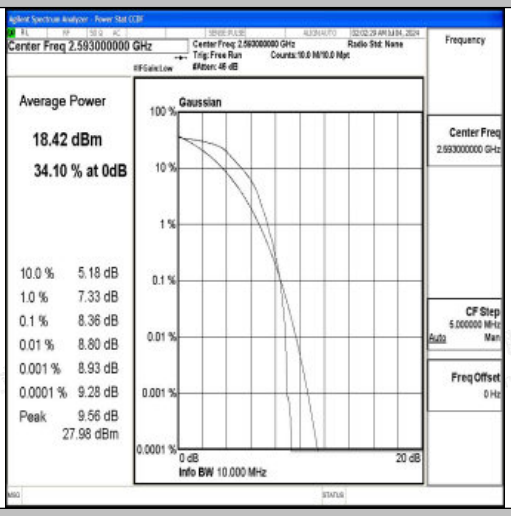
Band41-10MHz-16QAM-39700-1RB#0-PASS



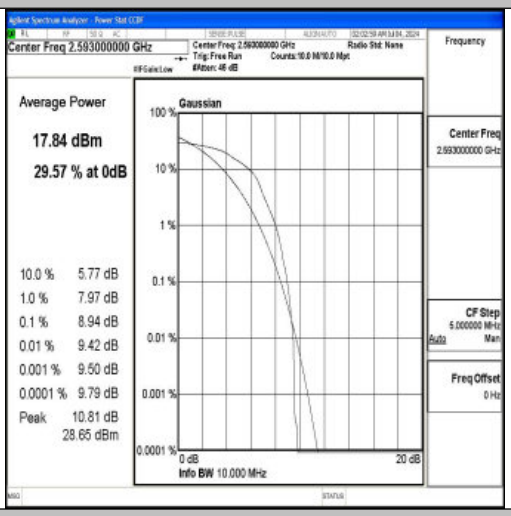
Band41-10MHz-QPSK-39700-50RB#0-PASS



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



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



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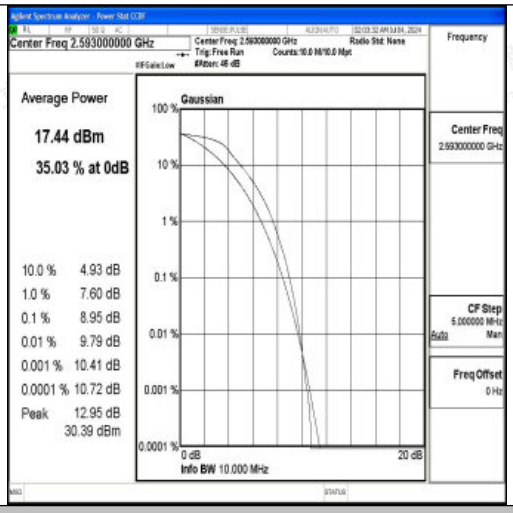

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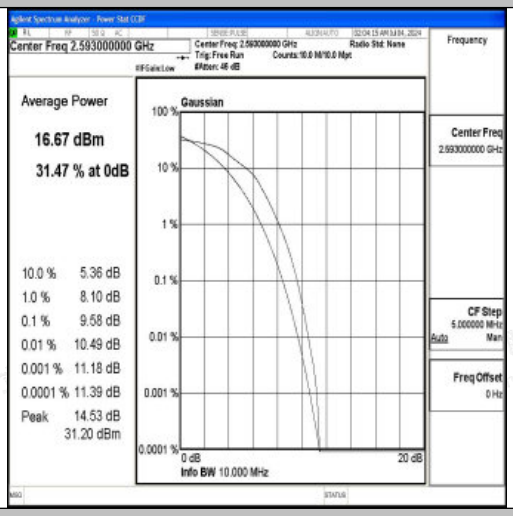

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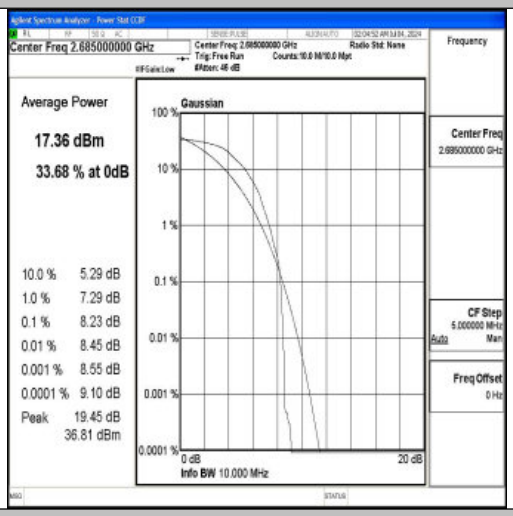
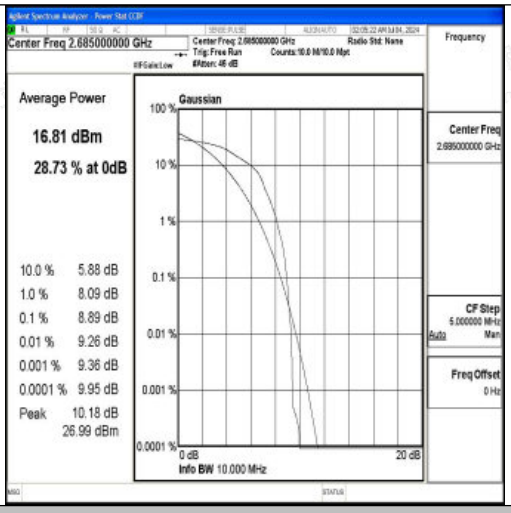


Band41-10MHz-QPSK-41540-1RB#0-PASS



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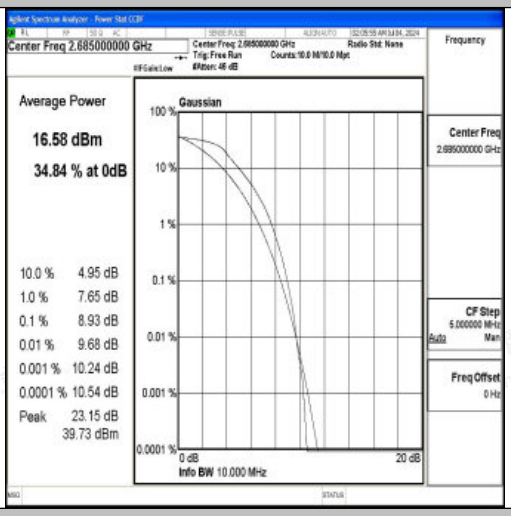
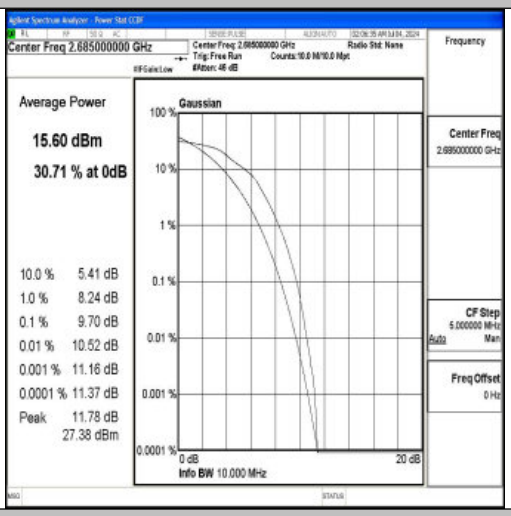


Band41-10MHz-QPSK-41540-50RB#0-PASS



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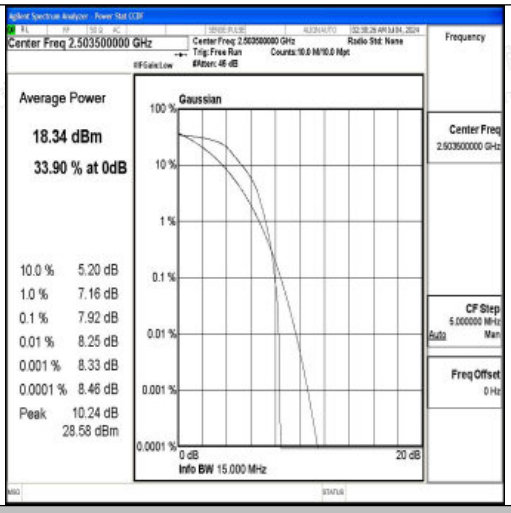
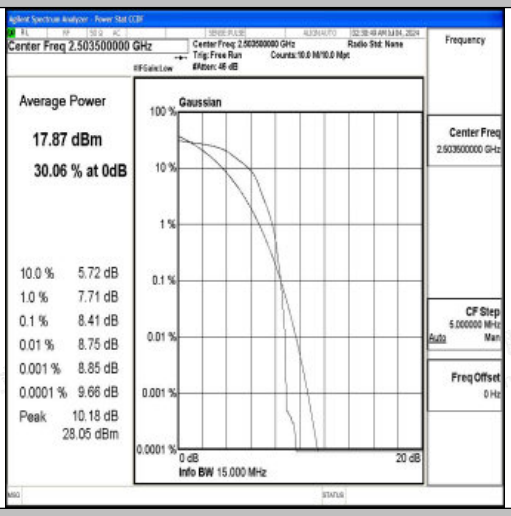


Band41-15MHz-QPSK-39725-1RB#0-PASS



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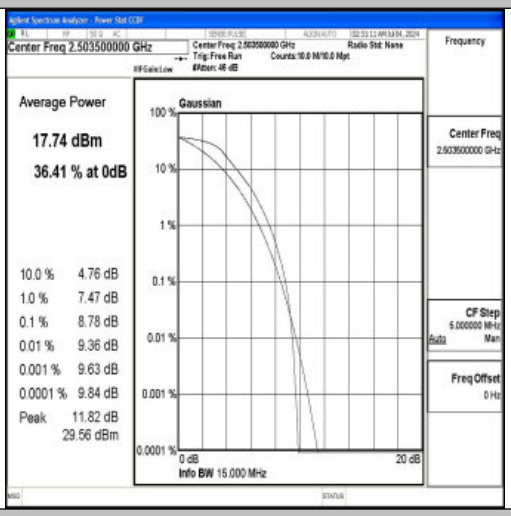
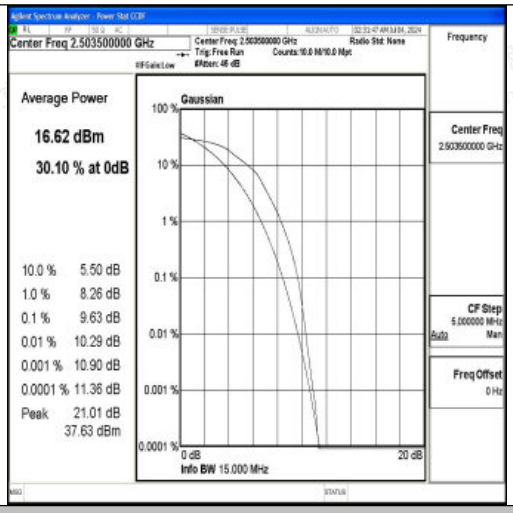
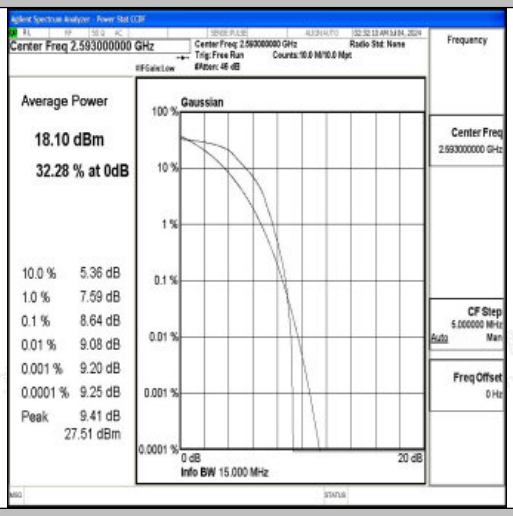


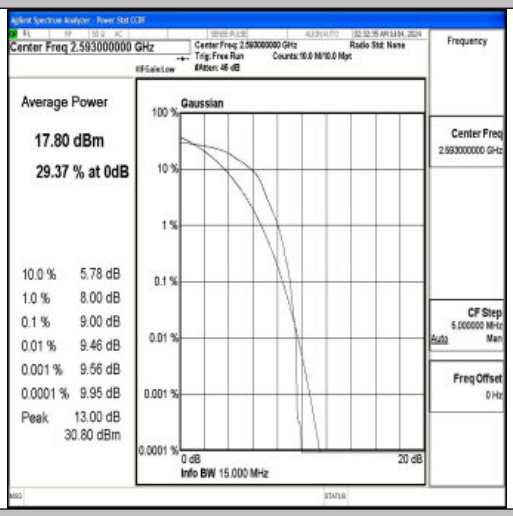
Band41-15MHz-QPSK-39725-75RB#0-PASS



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



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



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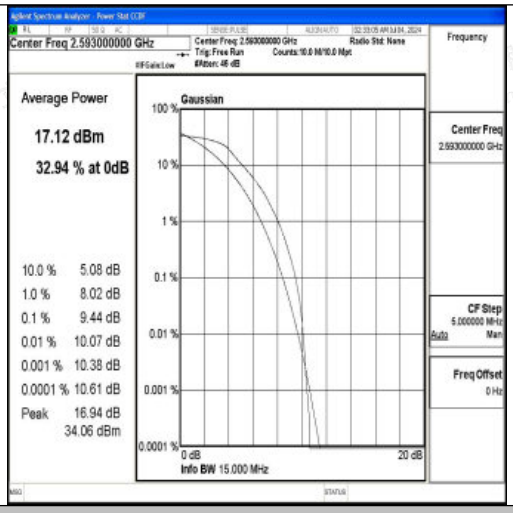
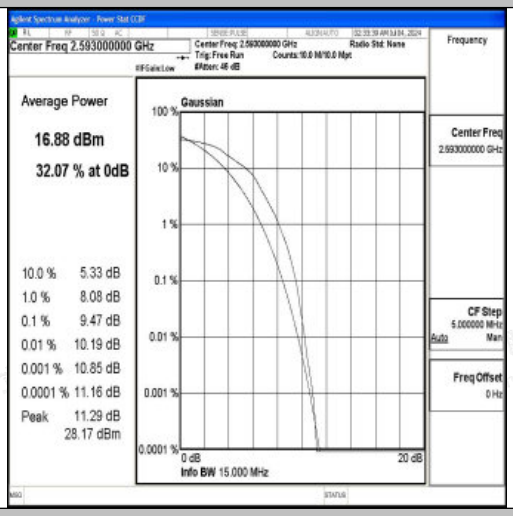


Band41-15MHz-QPSK-40620-75RB#0-PASS



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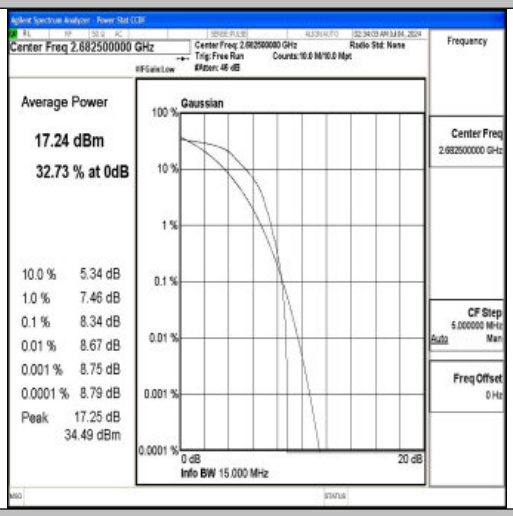

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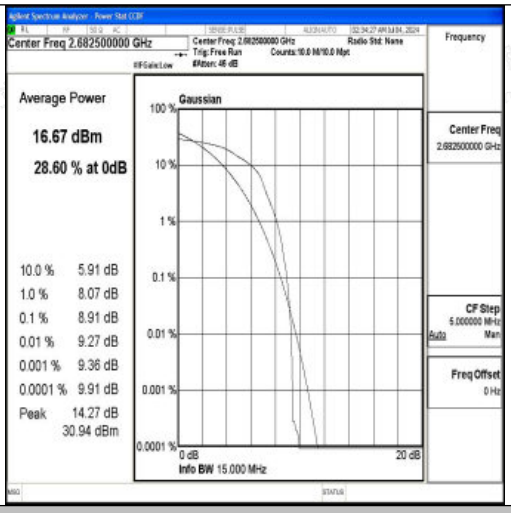

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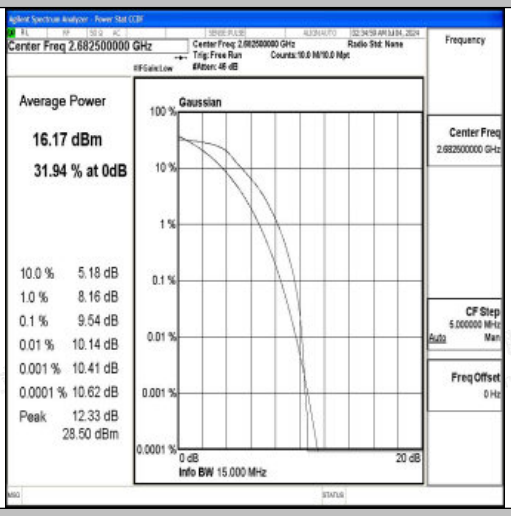

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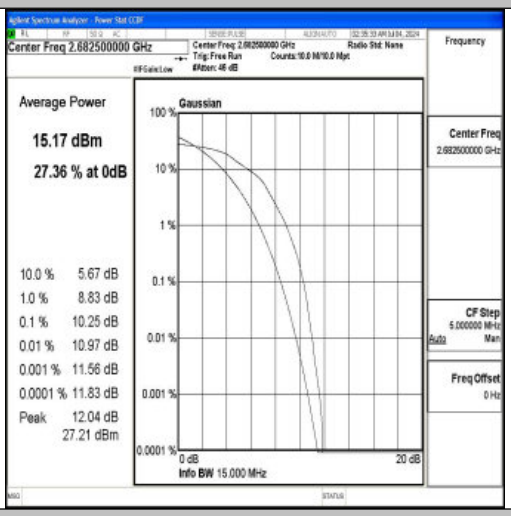

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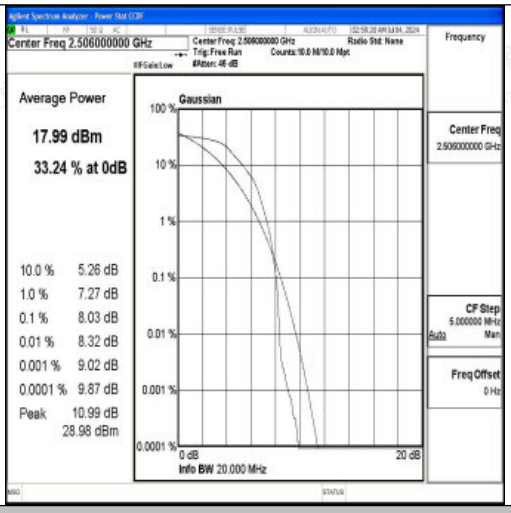
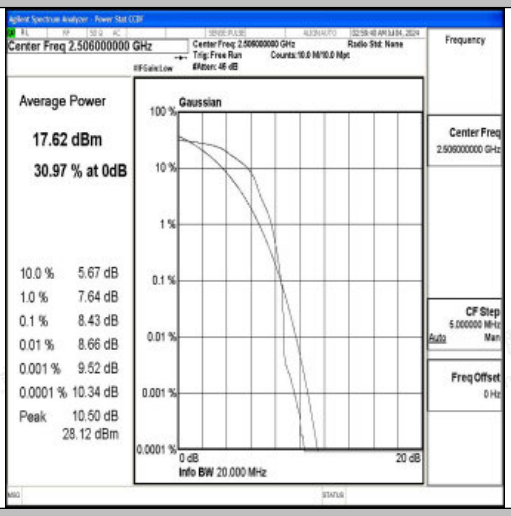
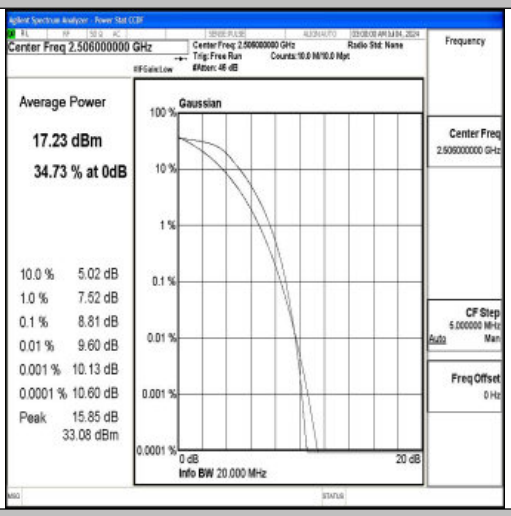


Band41-20MHz-QPSK-39750-1RB#0-PASS



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



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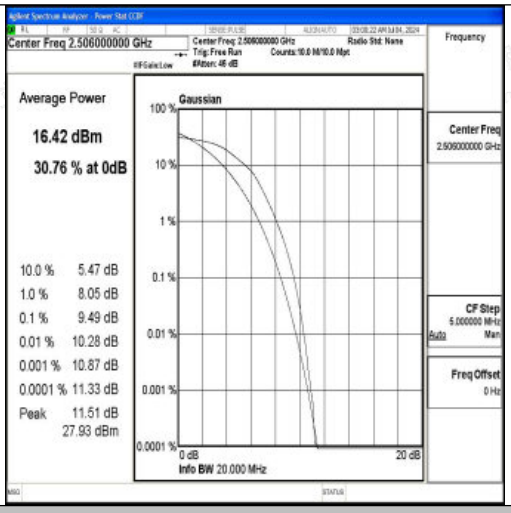
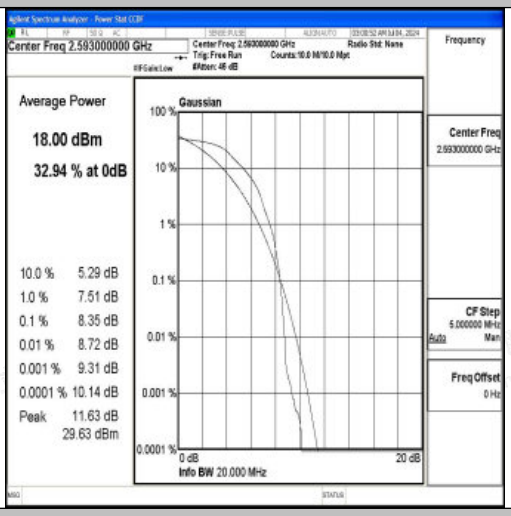
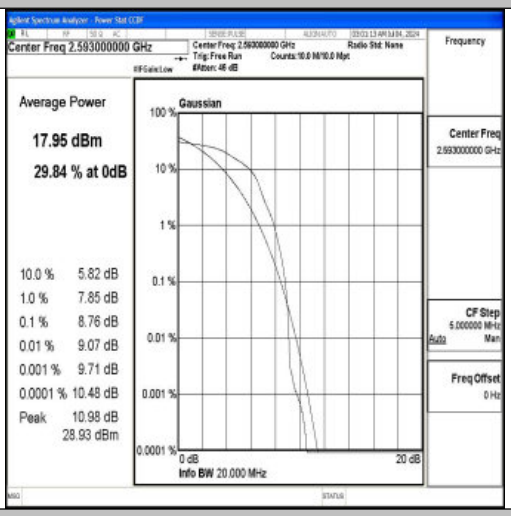


Band41-20MHz-16QAM-39750-100RB#0-PASS



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



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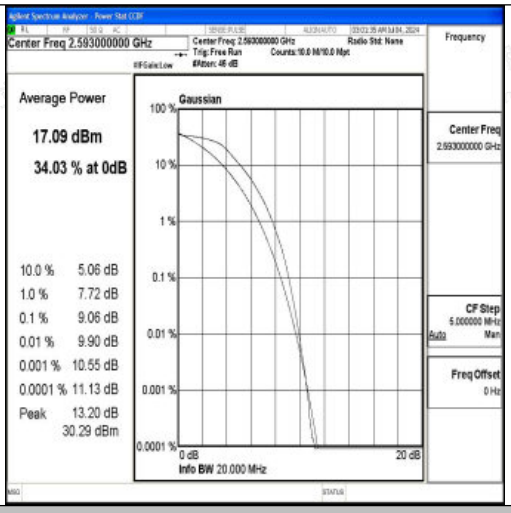

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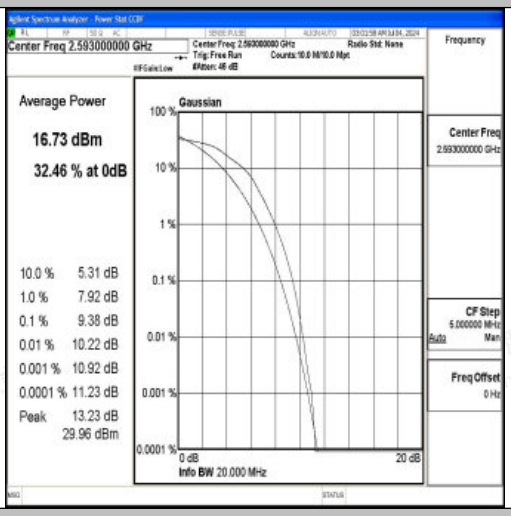
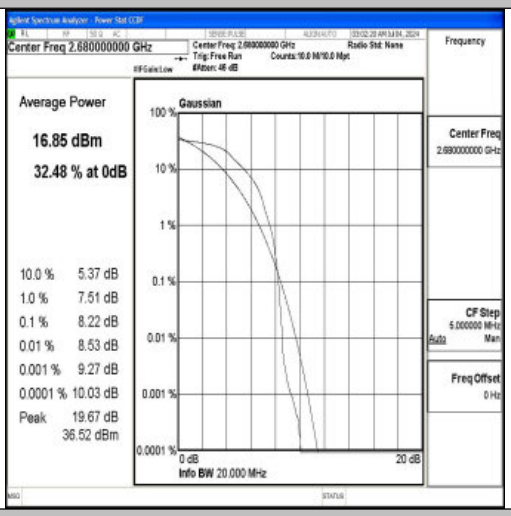
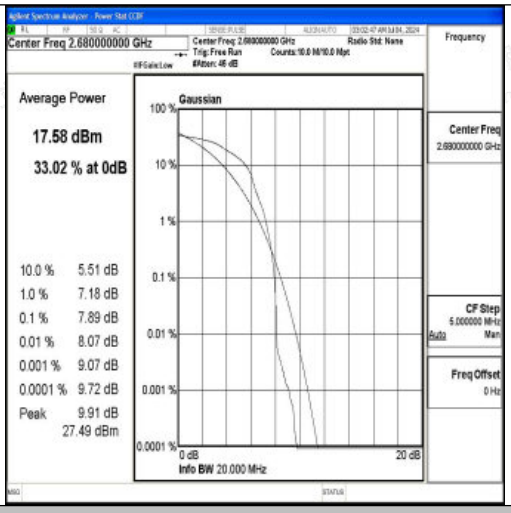


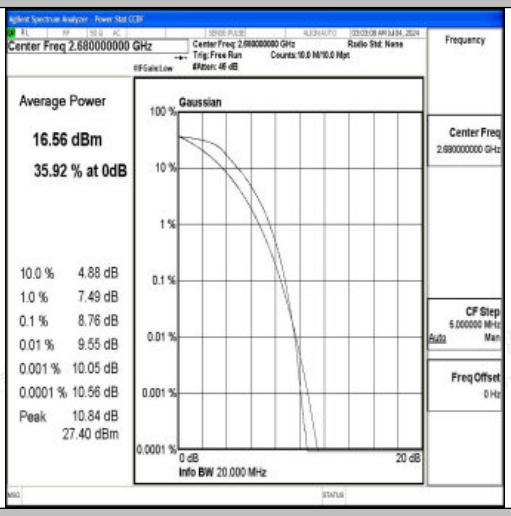
Band41-20MHz-16QAM-40620-100RB#0-PASS



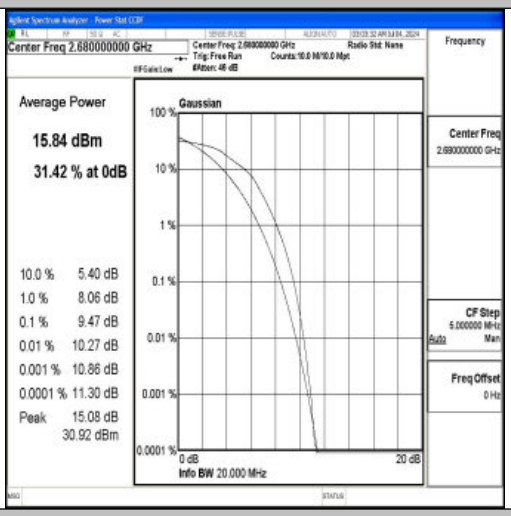
Band41-20MHz-QPSK-41490-1RB#0-PASS



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



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



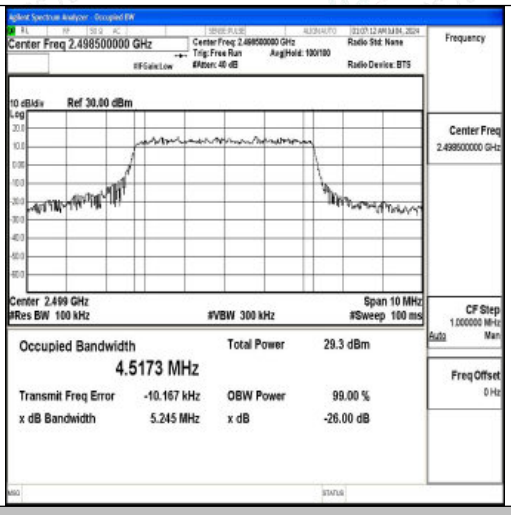
Band41-20MHz-16QAM-41490-100RB#0-PASS

S.3 26dB Bandwidth and Occupied Bandwidth

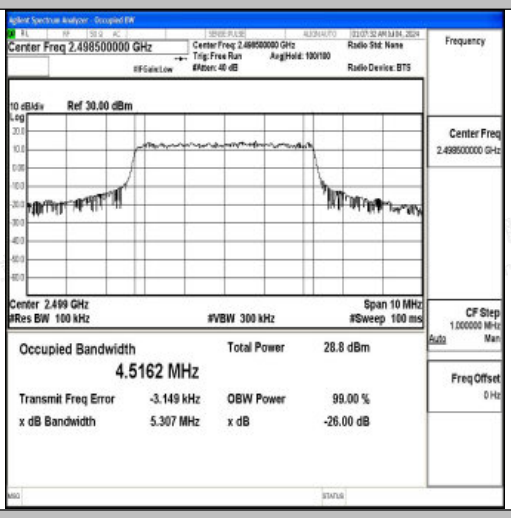
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5173	5.245	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5162	5.307	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5185	5.180	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5229	5.284	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4966	4.898	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5067	5.361	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9936	10.15	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9831	10.21	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9914	10.10	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9816	10.04	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0189	10.19	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0101	11.15	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.524	15.83	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.486	15.19	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.501	16.11	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.507	15.35	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.504	15.69	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.496	15.37	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.955	20.84	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.951	20.04	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.017	19.92	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.964	20.14	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.988	19.65	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.934	20.29	PASS

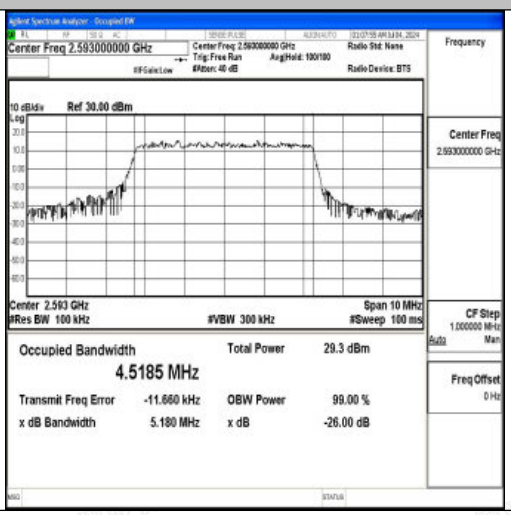
Test Graphs



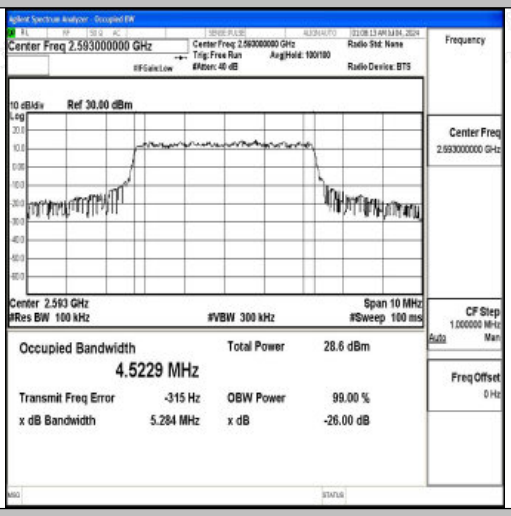
Band41-5MHz-QPSK-39675-25RB#0-PASS



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



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



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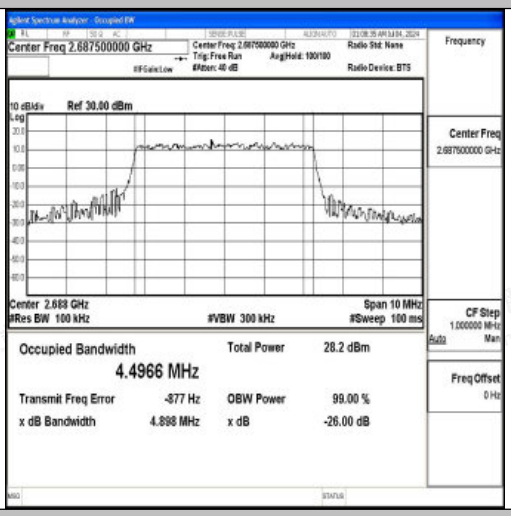
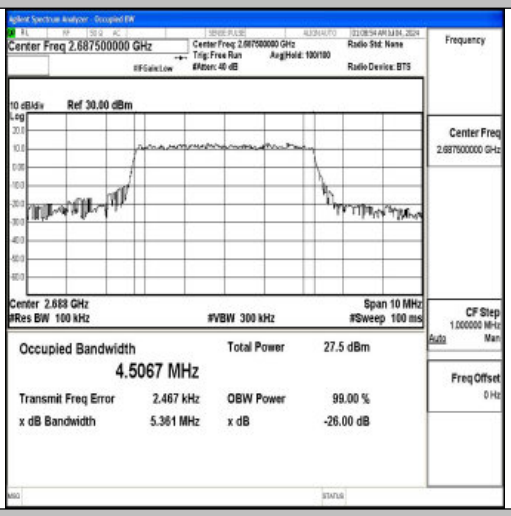
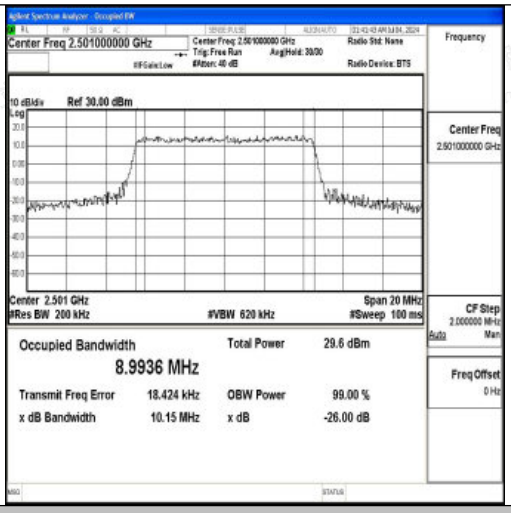


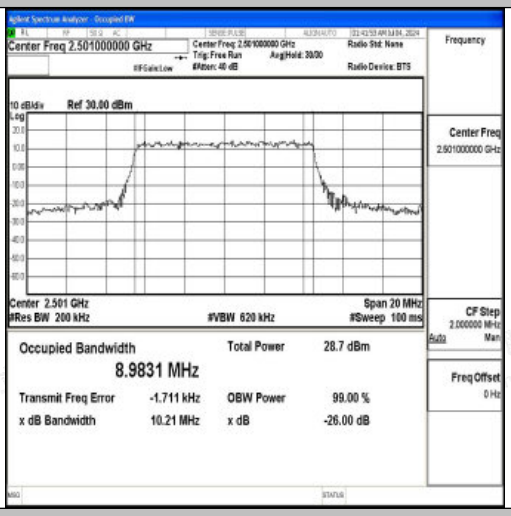
Band41-5MHz-QPSK-41565-25RB#0-PASS



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



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



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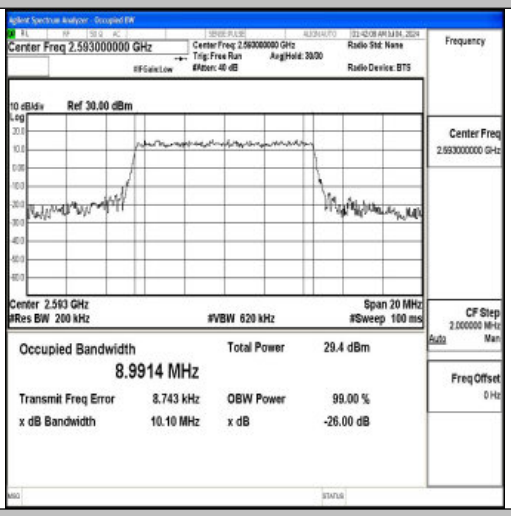

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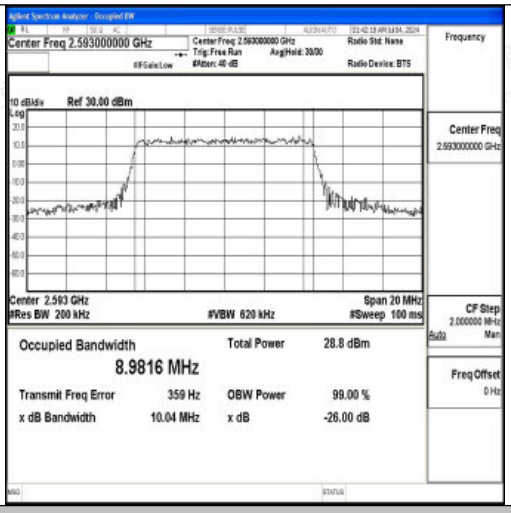
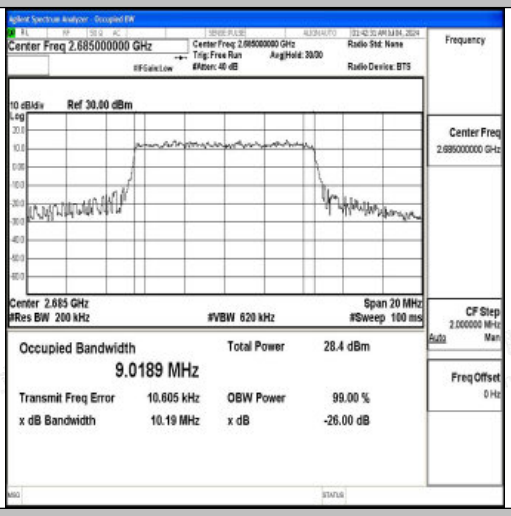
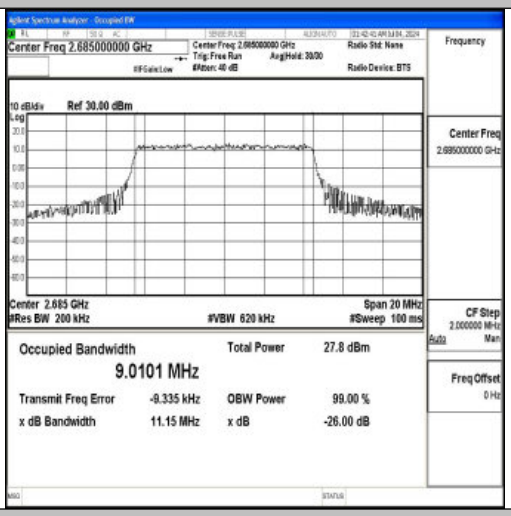


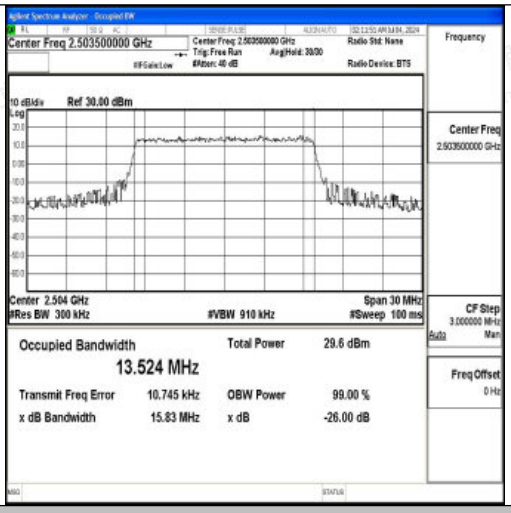
Band41-10MHz-16QAM-40620-50RB#0-PASS



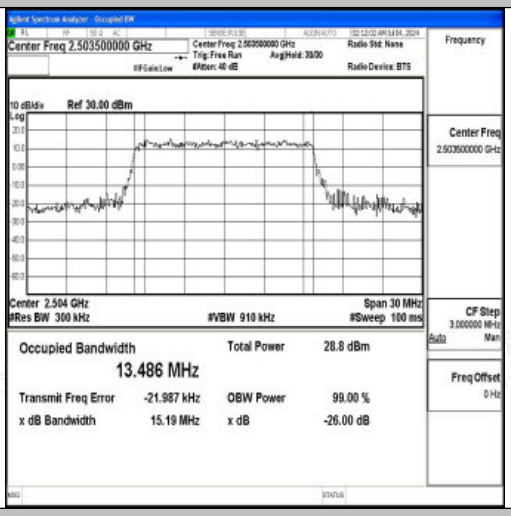
Band41-10MHz-QPSK-41540-50RB#0-PASS



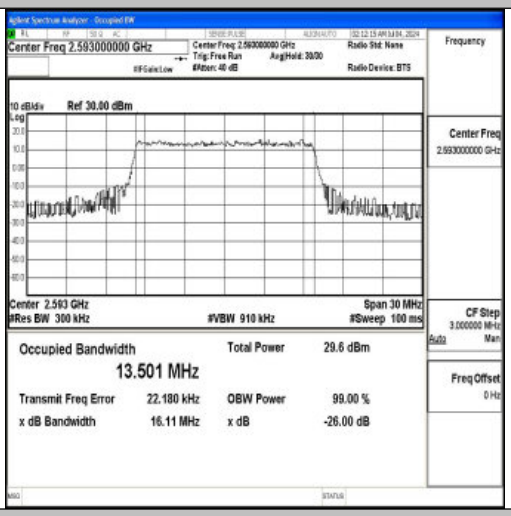
Band41-10MHz-16QAM-41540-50RB#0-PASS



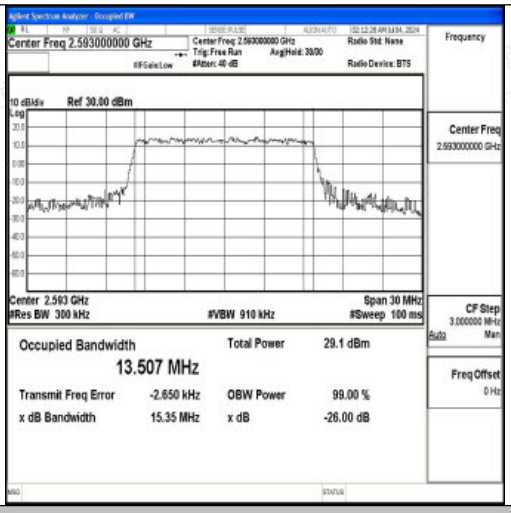
Band41-15MHz-QPSK-39725-75RB#0-PASS



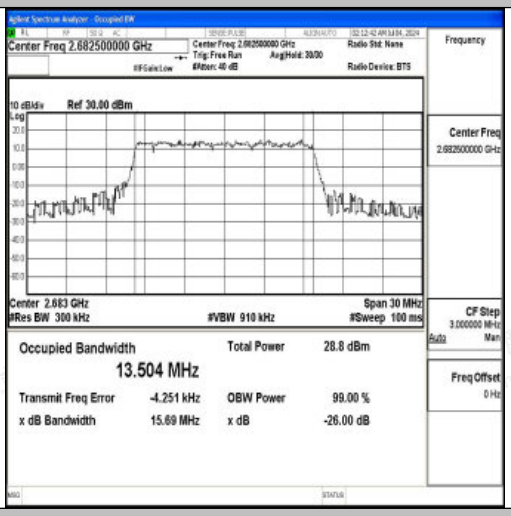
Band41-15MHz-16QAM-39725-75RB#0-PASS



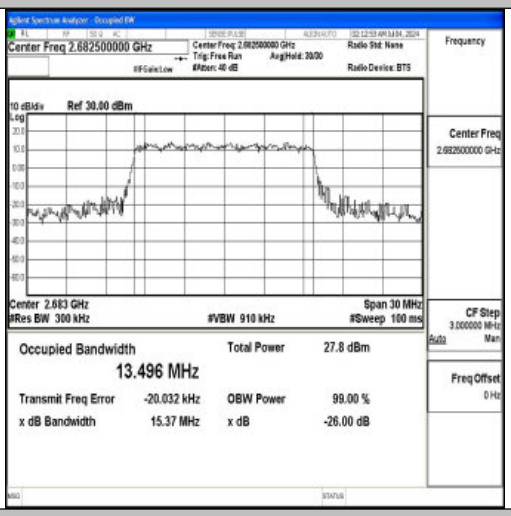
Band41-15MHz-QPSK-40620-75RB#0-PASS



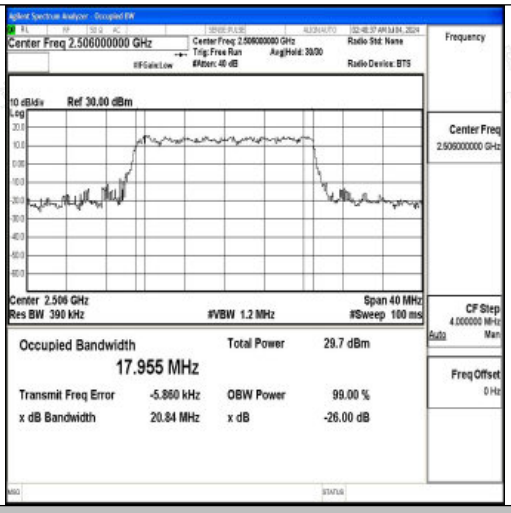
Band41-15MHz-16QAM-40620-75RB#0-PASS



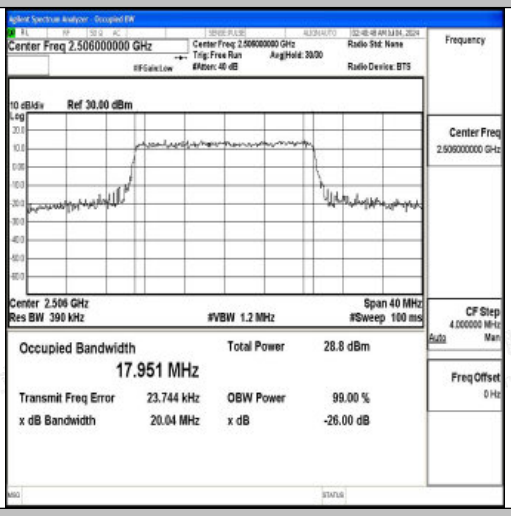
Band41-15MHz-QPSK-41515-75RB#0-PASS



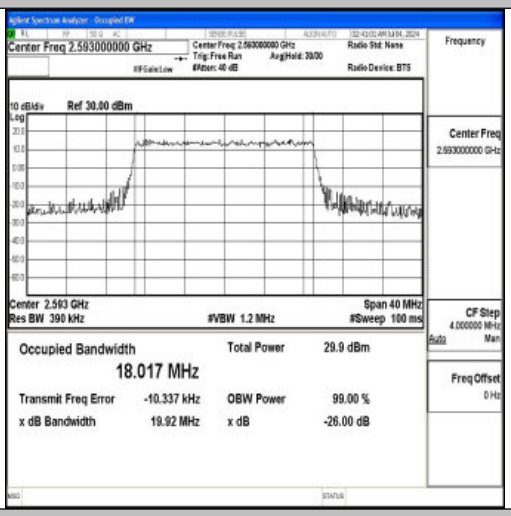
Band41-15MHz-16QAM-41515-75RB#0-PASS



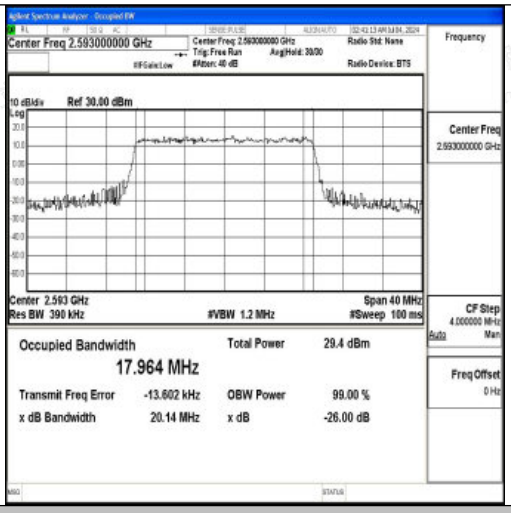
Band41-20MHz-QPSK-39750-100RB#0-PASS



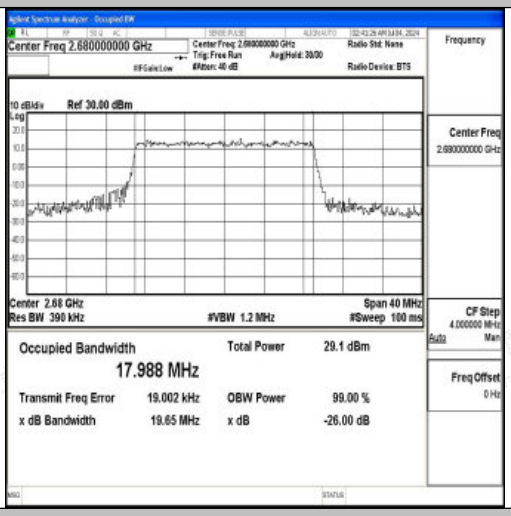
Band41-20MHz-16QAM-39750-100RB#0-PASS



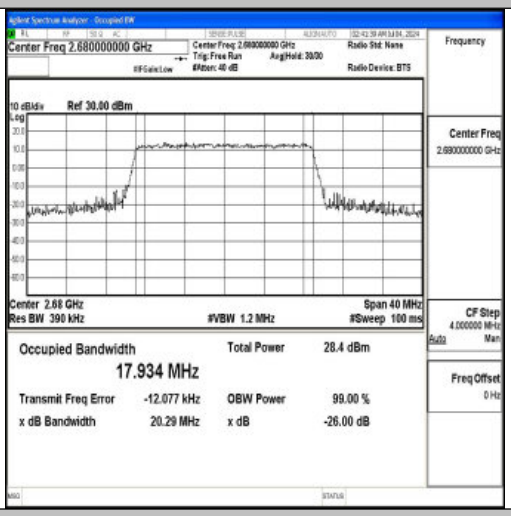
Band41-20MHz-QPSK-40620-100RB#0-PASS



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



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



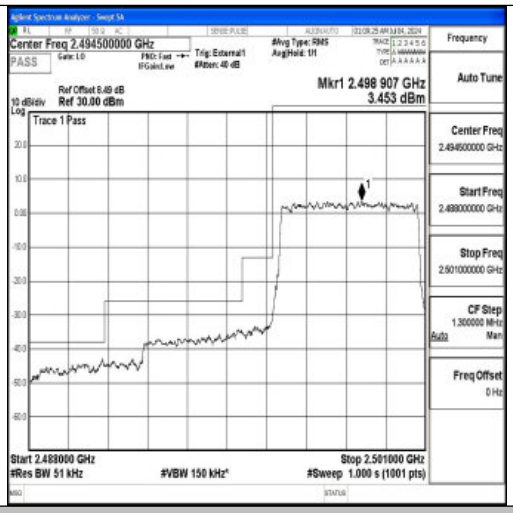
Band41-20MHz-16QAM-41490-100RB#0-PASS

S.4 Band Edge

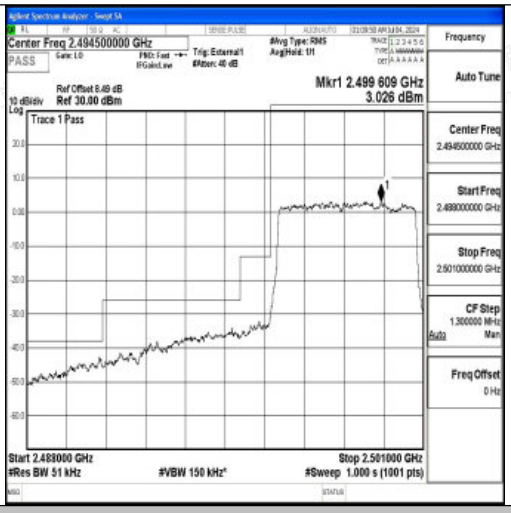
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	2490.43	-42.71	PASS
Band41	5MHz	16QAM	39675	25RB#0	2490.39	-42.73	PASS
Band41	5MHz	QPSK	41565	25RB#0	2696.16	-44.65	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.10	-45.76	PASS
Band41	10MHz	QPSK	39700	50RB#0	2490.38	-35.77	PASS
Band41	10MHz	16QAM	39700	50RB#0	2490.45	-36.75	PASS
Band41	10MHz	QPSK	41540	50RB#0	2700.53	-40.67	PASS
Band41	10MHz	16QAM	41540	50RB#0	2700.00	-41.65	PASS
Band41	15MHz	QPSK	39725	75RB#0	2489.75	-33.33	PASS
Band41	15MHz	16QAM	39725	75RB#0	2489.43	-33.62	PASS
Band41	15MHz	QPSK	41515	75RB#0	2705.03	-39.70	PASS
Band41	15MHz	16QAM	41515	75RB#0	2706.22	-40.27	PASS
Band41	20MHz	QPSK	39750	100RB#0	2489.23	-32.89	PASS
Band41	20MHz	16QAM	39750	100RB#0	2489.37	-33.30	PASS
Band41	20MHz	QPSK	41490	100RB#0	2710.64	-40.15	PASS
Band41	20MHz	16QAM	41490	100RB#0	2710.77	-40.78	PASS

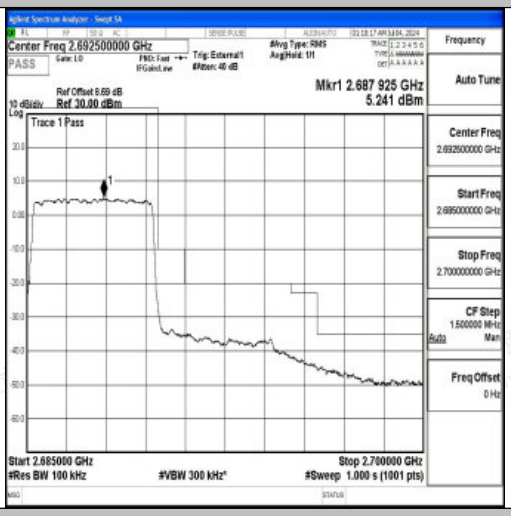
Test Graphs



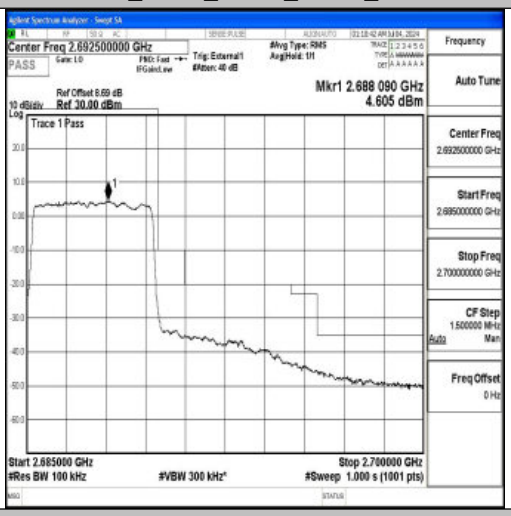
Band41_5MHz_QPSK_39675_25RB#0



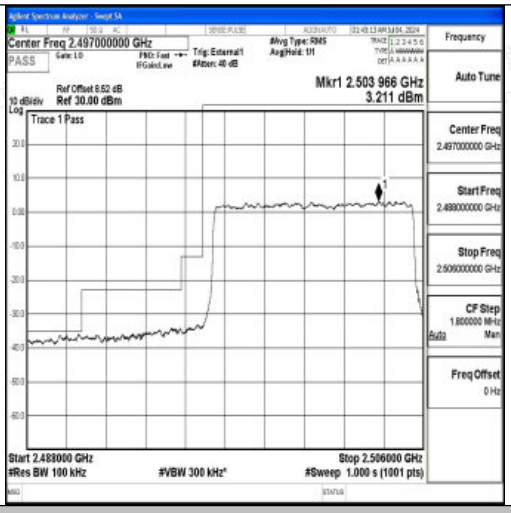
Band41_5MHz_16QAM_39675_25RB#0



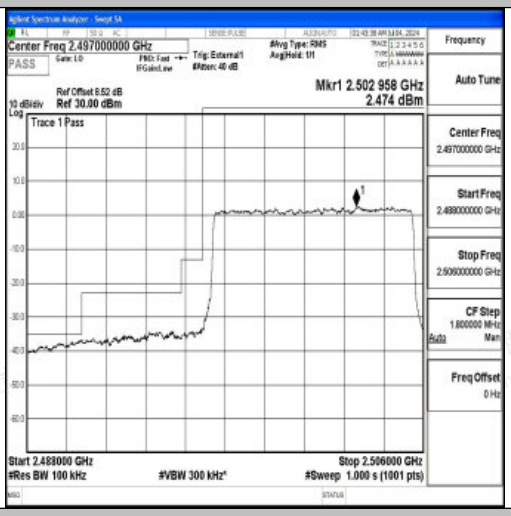
Band41_5MHz_QPSK_41565_25RB#0



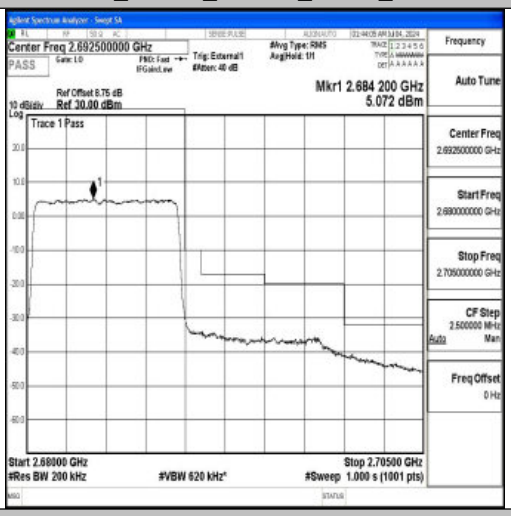
Band41_5MHz_16QAM_41565_25RB#0



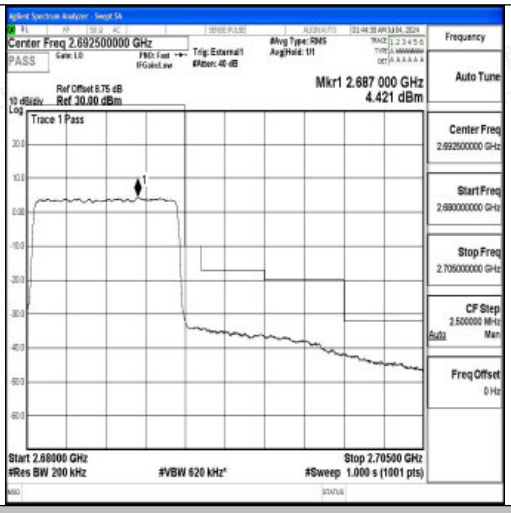
Band41_10MHz_QPSK_39700_50RB#0



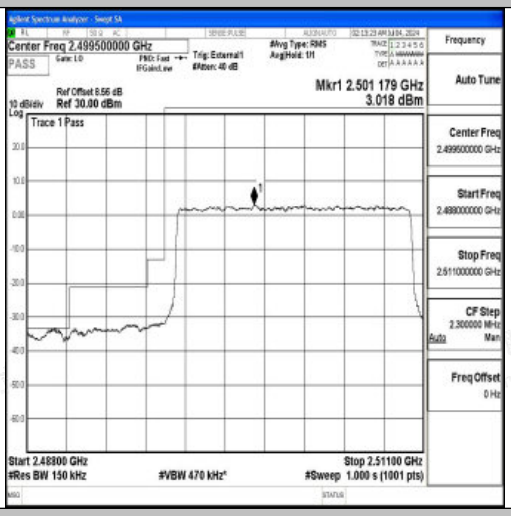
Band41_10MHz_16QAM_39700_50RB#0



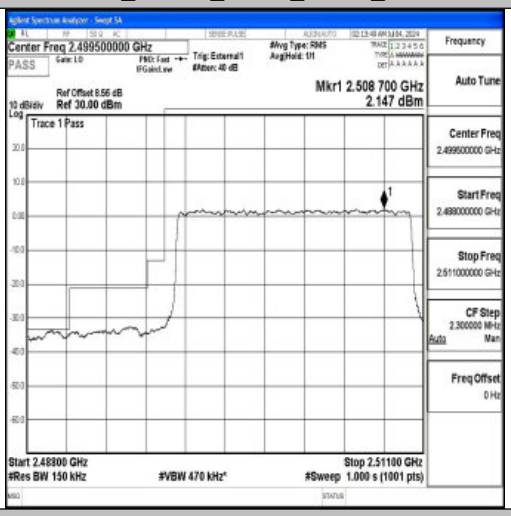
Band41_10MHz_QPSK_41540_50RB#0



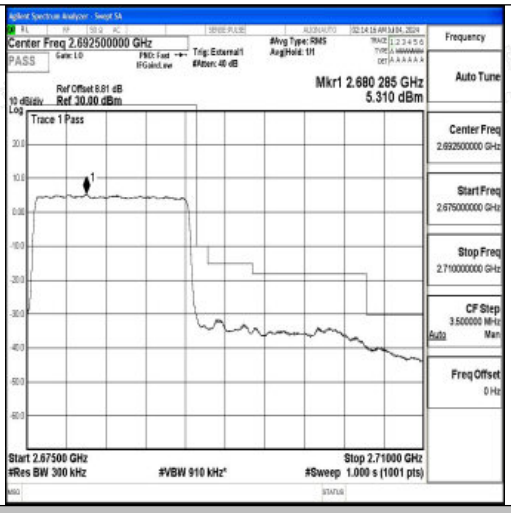
Band41_10MHz_16QAM_41540_50RB#0



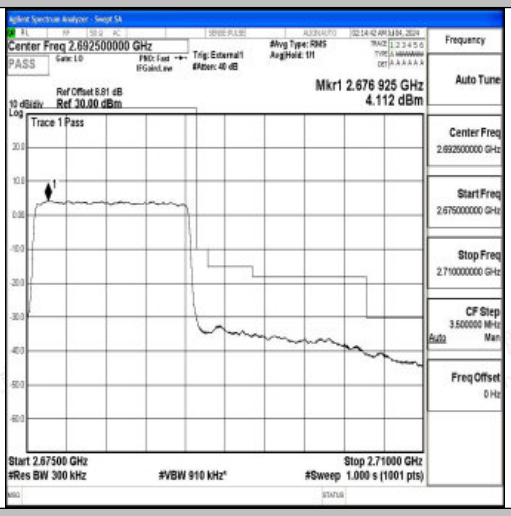
Band41_15MHz_QPSK_39725_75RB#0



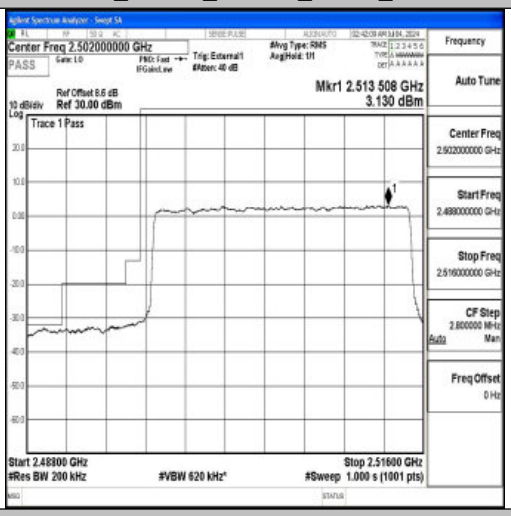
Band41_15MHz_16QAM_39725_75RB#0



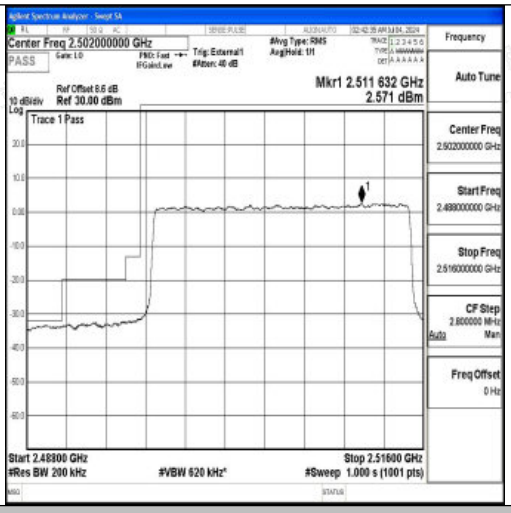
Band41_15MHz_QPSK_41515_75RB#0



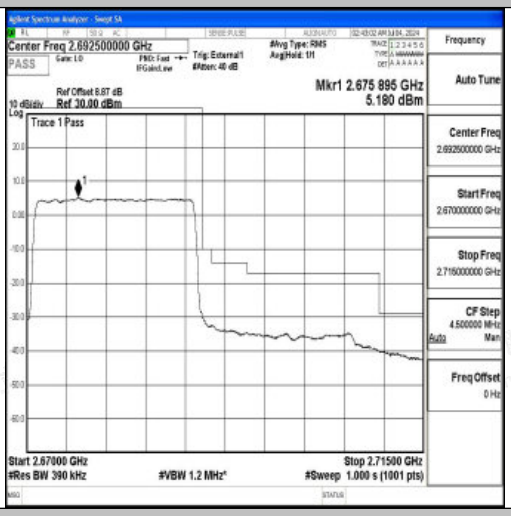
Band41_15MHz_16QAM_41515_75RB#0



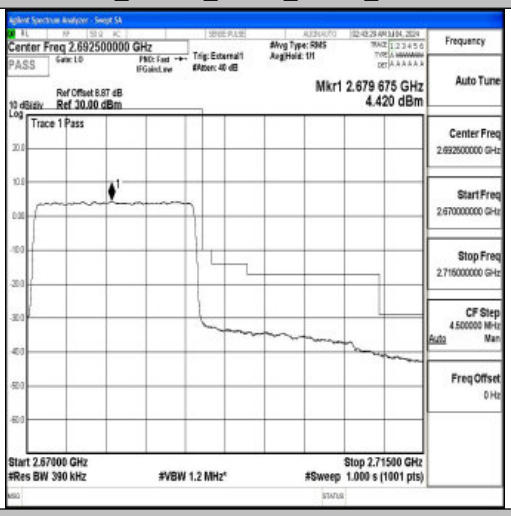
Band41_20MHz_QPSK_39750_100RB#0



Band41_20MHz_16QAM_39750_100RB#0



Band41_20MHz_QPSK_41490_100RB#0



Band41_20MHz_16QAM_41490_100RB#0

S.5 Conducted Spurious Emission

Test Result

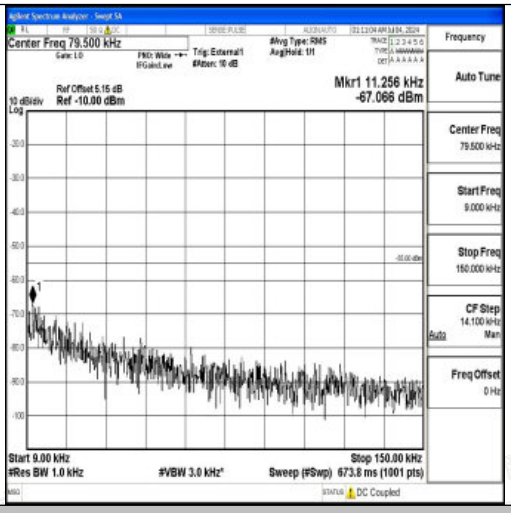
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	-67.07	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-64.03	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-62.19	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-33.32	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-35.07	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-68.96	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-62.53	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-62.25	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-32.75	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-35.20	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-68.61	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-60.27	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-61.94	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-33.01	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-35.28	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-65.43	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-60.39	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-62.15	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-33.32	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-35.53	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-68.06	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-62.34	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-62.28	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-33.36	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-34.95	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-64.98	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-61.49	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-62.14	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-33.19	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-34.86	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-67.80	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-59.28	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-62.26	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-32.97	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-35.34	PASS

Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-67.17	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-59.96	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-62.21	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-32.99	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-35.27	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-67.56	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-58.99	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-61.94	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-33.17	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-35.43	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-66.70	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-59.12	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-62.23	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-33.36	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-35.17	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-67.99	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-62.28	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-62.07	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-32.85	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-35.39	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-68.50	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-63.47	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-61.96	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-32.48	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-34.94	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-70.11	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-62.09	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-61.69	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-32.94	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-35.20	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-66.31	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-61.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-62.18	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-32.67	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-35.31	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-67.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-58.76	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-61.83	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-32.78	PASS

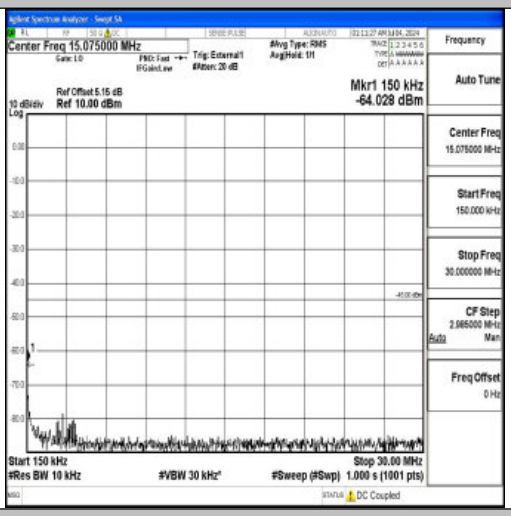
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-35.12	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-66.88	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-59.25	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	-62.21	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-33.33	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-35.14	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-67.09	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-61.17	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-61.82	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-33.19	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-35.43	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-66.87	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-58.06	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-62.22	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-33.38	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-35.26	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-66.53	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-59.90	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-62.03	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-32.60	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-35.17	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-67.57	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-62.27	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-61.71	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-32.97	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-35.41	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-67.53	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-60.21	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-61.95	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-33.45	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-35.31	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-66.31	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-62.19	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-62.07	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-32.79	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-35.10	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-68.31	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-59.59	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-62.05	PASS

Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-33.27	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-35.12	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-65.96	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-59.50	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-62.04	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-33.13	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-35.33	PASS

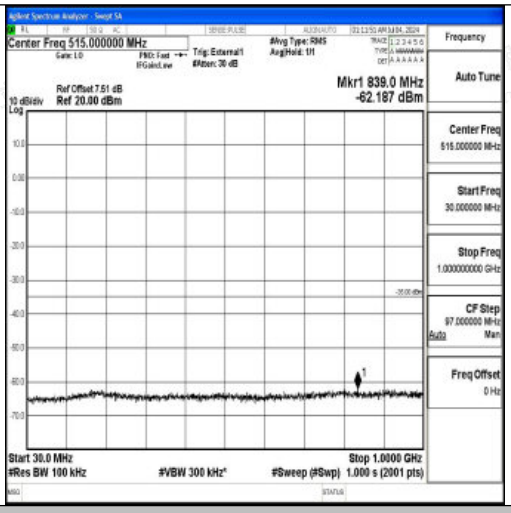
Test Graphs



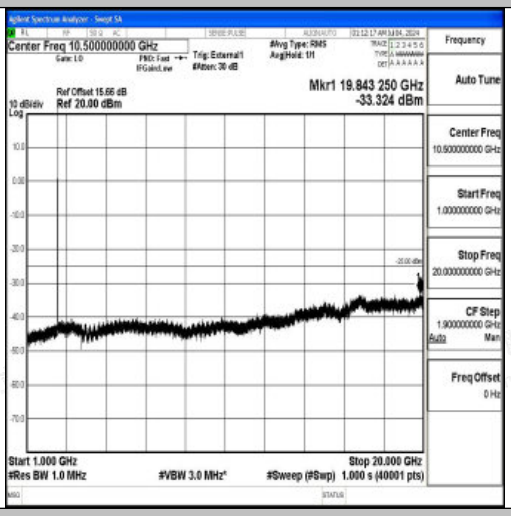
Band41_5MHz_QPSK_39675_1RB#0_0.009~0.15_0.009~0.15



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



Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000



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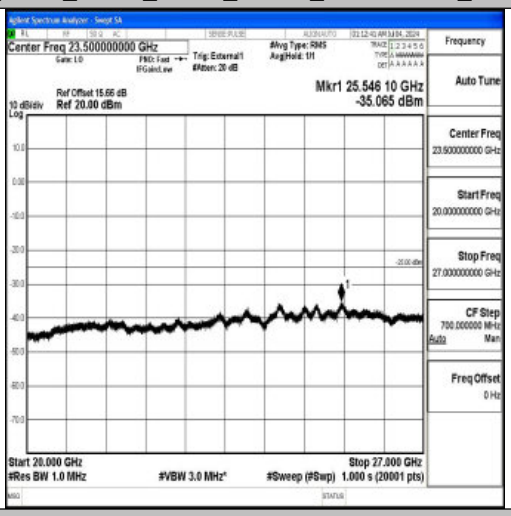

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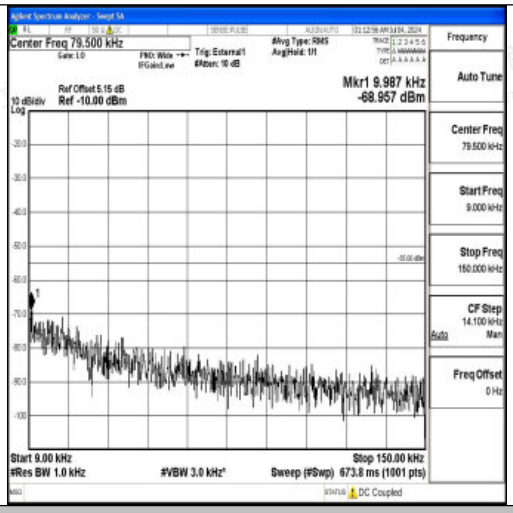

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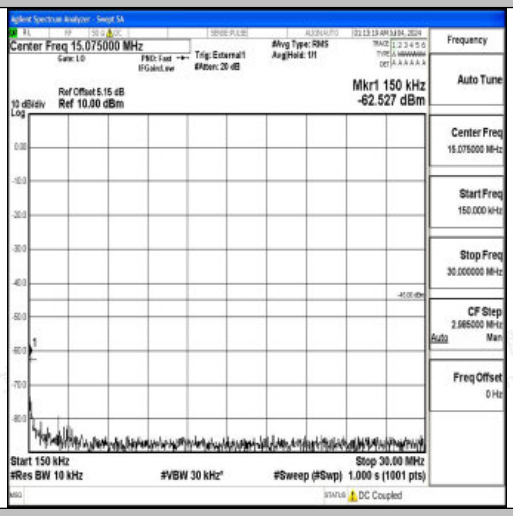

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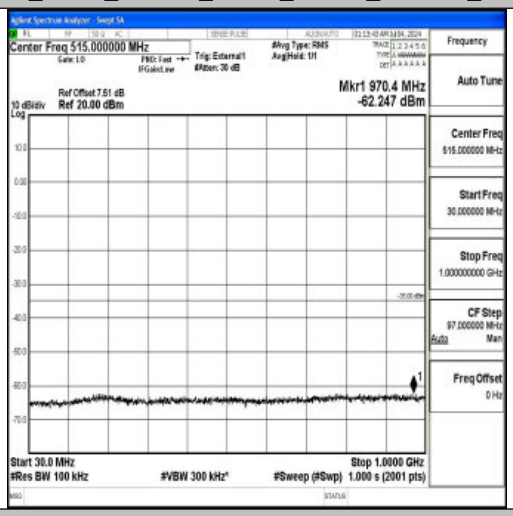

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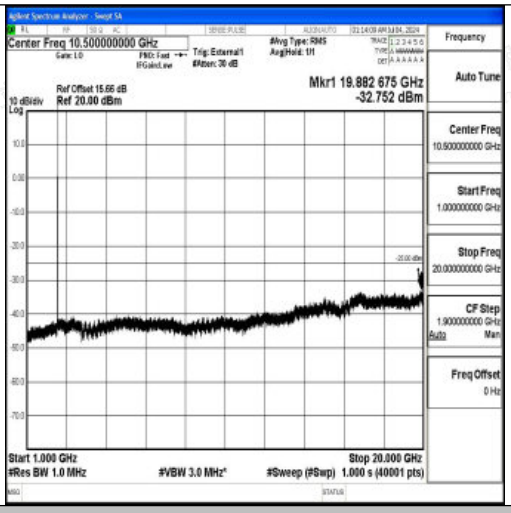

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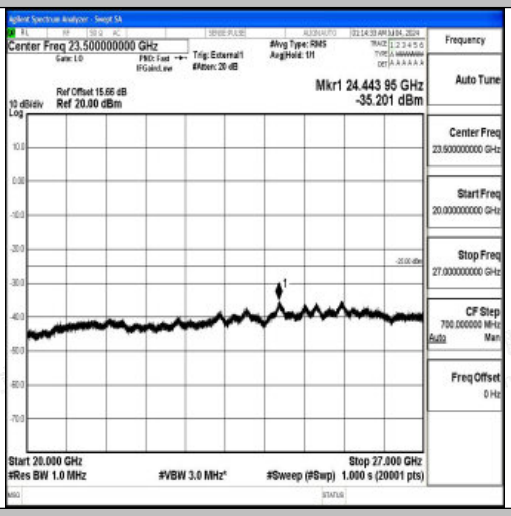

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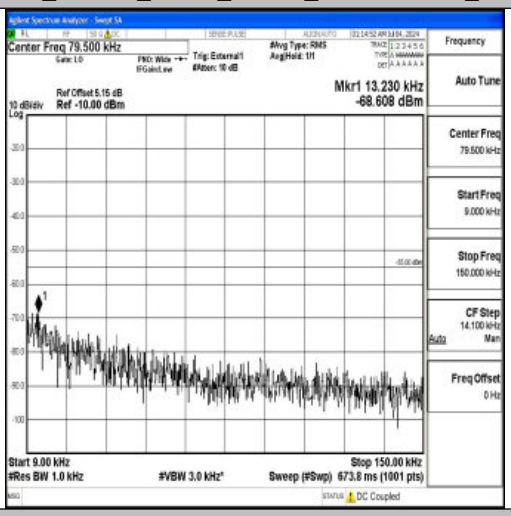

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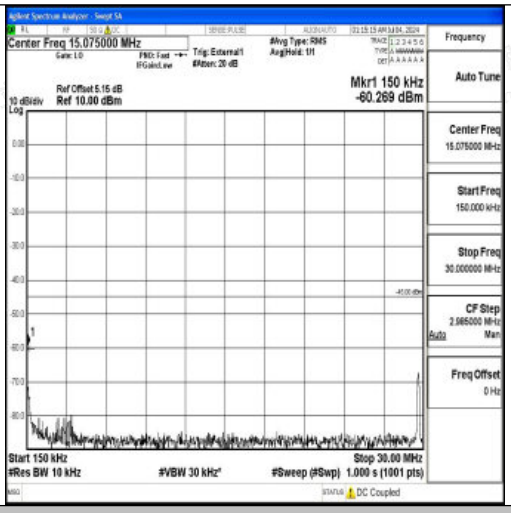

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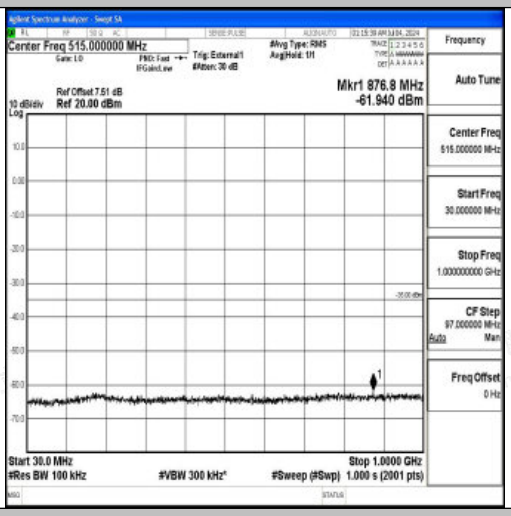

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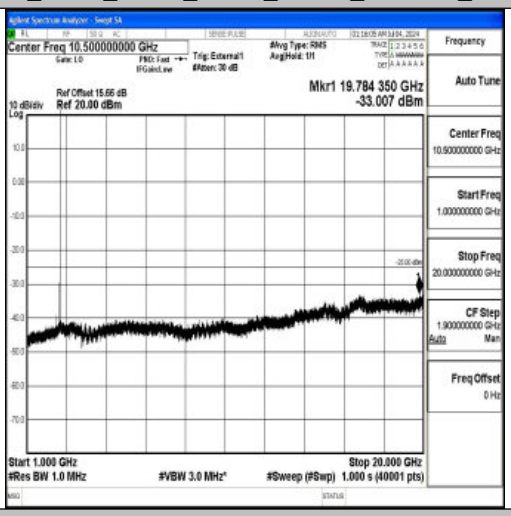
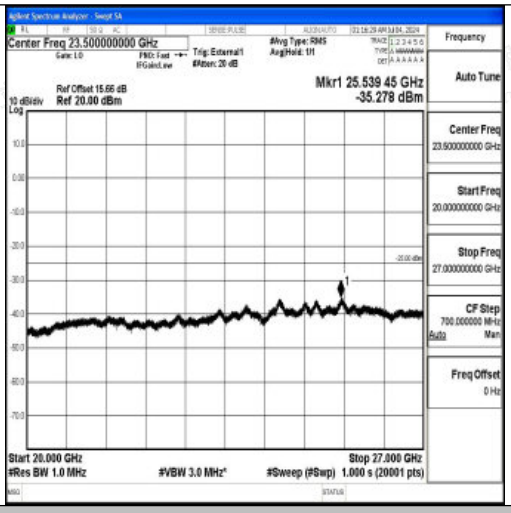


Band41_5MHz_QPSK_40620_1RB#0_1000~20000_1000~20000



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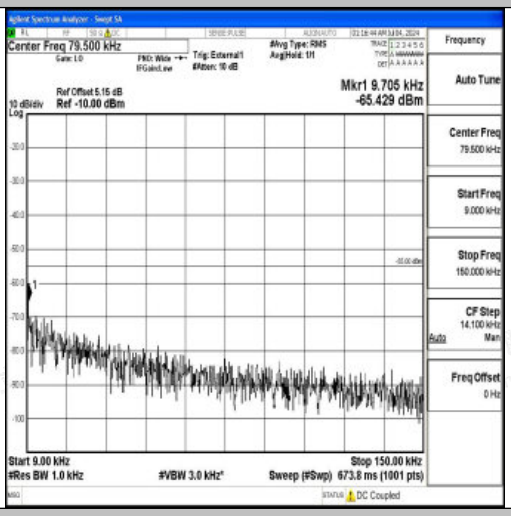

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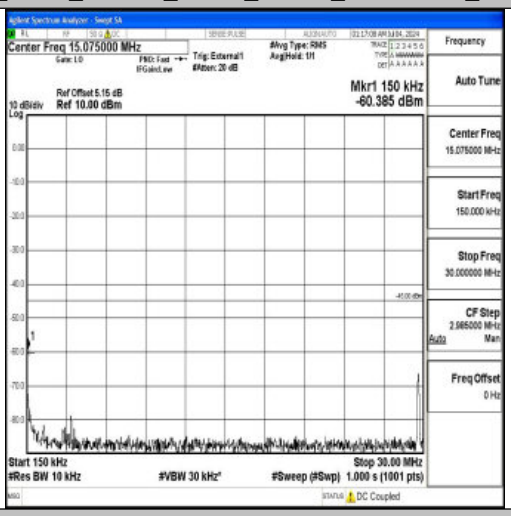

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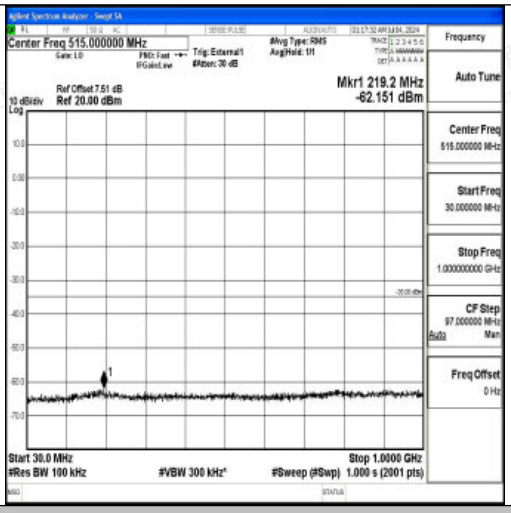

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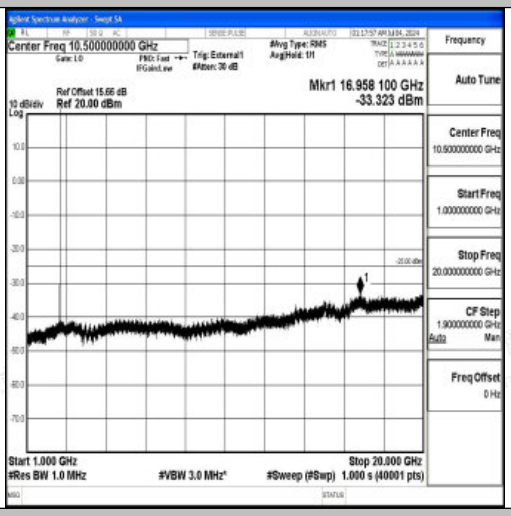

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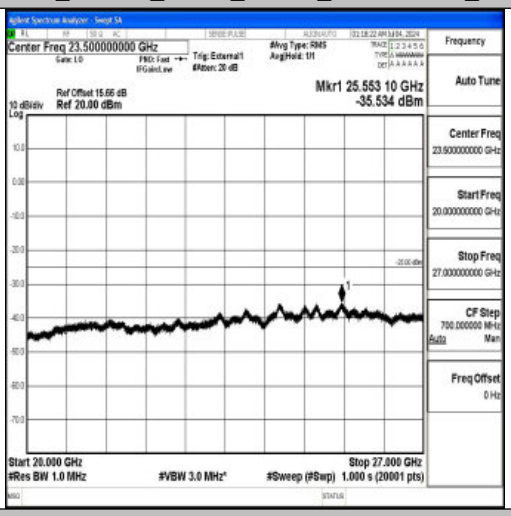

Band41_5MHz_16QAM_40620_1RB#0_20000~27000_20000~27000