Appendix J Test Data for E-UTRA Band 5

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

J.1: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.72	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.64	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.60	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.62	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.57	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.57	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.56	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.53	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.54	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.53	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.75	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.59	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.67	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.80	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.51	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.62	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.41	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.82	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.52	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.78	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.21	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.79	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.20	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.85	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.05	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.92	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.26	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.25	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.12	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	20.99	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	20.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.00	PASS

Band5	1.4MHz	QPSK	20643	3RB#0	21.85	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.32	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.87	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.61	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	20.55	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.40	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.21	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.96	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.33	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.85	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.36	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.75	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.36	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.49	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.50	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.97	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.20	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.90	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.42	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.04	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.30	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.76	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.63	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.15	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.52	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.27	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.49	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.13	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.57	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.20	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.60	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.17	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.50	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.13	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.52	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.88	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.25	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.33	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.92	PASS

Band5	3MHz	16QAM	20635	1RB#8	22.01	PASS
Band5	3MHz	QPSK	20635	1RB#14	20.00	PASS
Band5	3MHz	16QAM	20635	1RB#14	19.88	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.64	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.12	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.66	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.90	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.27	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.75	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.41	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.42	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.13	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.37	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.14	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.37	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.19	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.43	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.86	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.35	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.82	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.14	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.77	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.11	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.83	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.27	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.39	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.44	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.46	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.28	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.35	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.48	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.12	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.48	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.96	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.59	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.12	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.46	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.01	PASS

Band5	5MHz	QPSK	20625	1RB#0	22.48	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.93	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.33	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.69	PASS
Band5	5MHz	QPSK	20625	1RB#24	20.59	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.30	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.79	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.14	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.78	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.14	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.49	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.77	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.53	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.96	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.87	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.20	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.91	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.39	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.00	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.47	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.81	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.47	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.80	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.43	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.05	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.38	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.86	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.52	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.03	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.54	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.13	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.54	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.24	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.46	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.91	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.48	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.09	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.59	PASS

Band5	10MHz	16QAM	20525	25RB#25	21.09	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.51	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.04	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.46	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.54	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.36	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.33	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.92	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.58	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.25	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.33	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.07	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.54	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.09	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.53	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.05	PASS

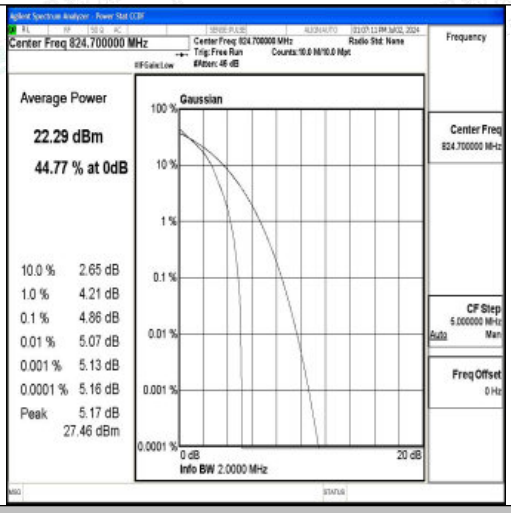
J.2 Peak-to-Average Ratio(CCDF)

Test Result

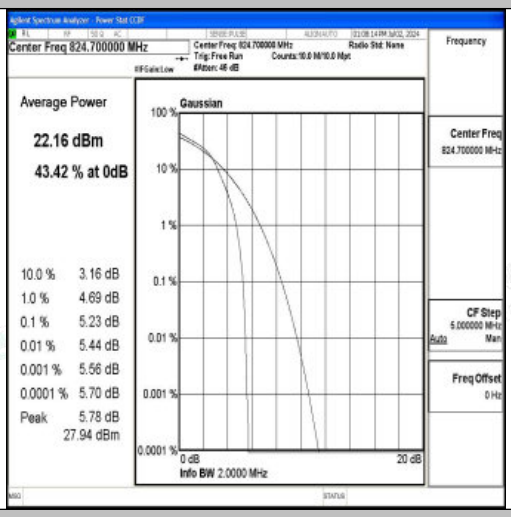
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.86	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.23	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.70	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.29	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.62	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.61	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.56	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.11	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.20	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	2.92	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.31	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.08	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.10	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.78	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.82	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.51	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.86	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.28	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.70	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.34	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.80	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.78	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.52	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.27	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.16	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.92	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.81	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.41	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.10	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.54	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.72	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.35	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.98	13	PASS

Band5	5MHz	16QAM	20625	1RB#0	4.48	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.24	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.83	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.21	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.73	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.69	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.42	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.35	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.69	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.36	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.72	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.39	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.03	13	PASS

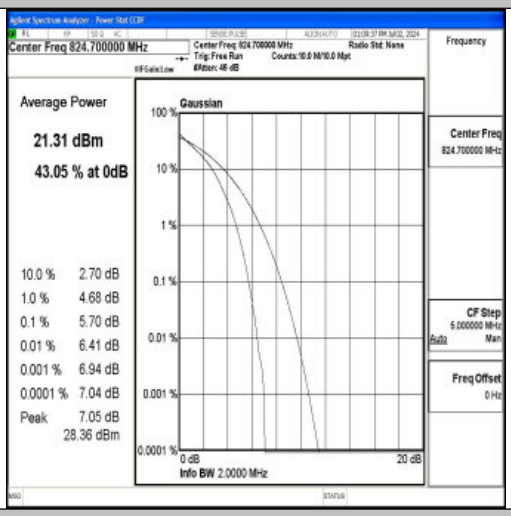
Test Graphs



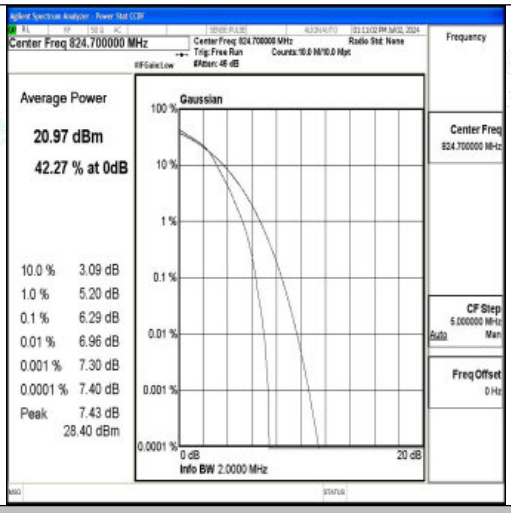
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



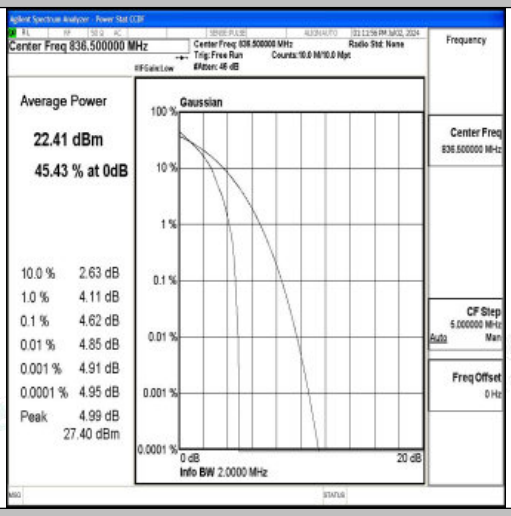
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



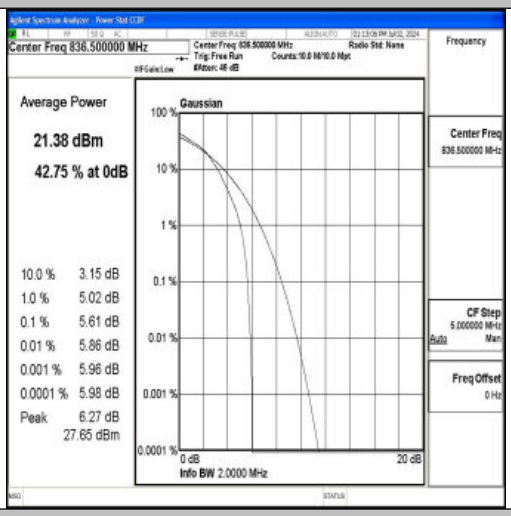
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



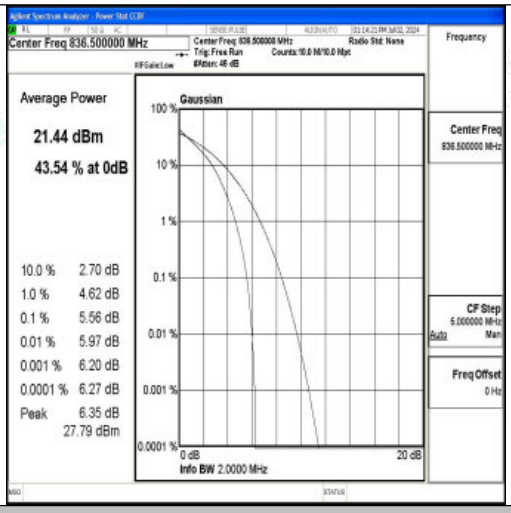
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



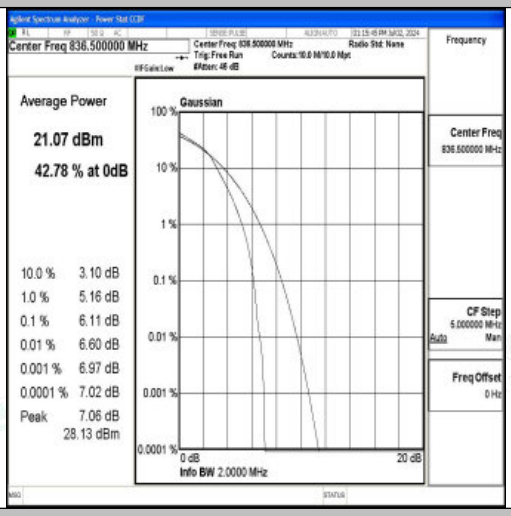
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



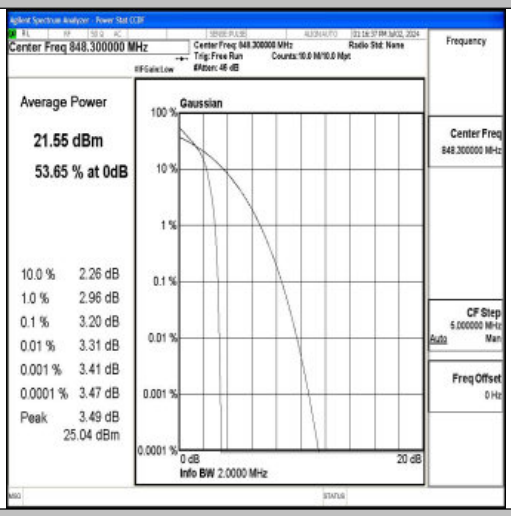
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



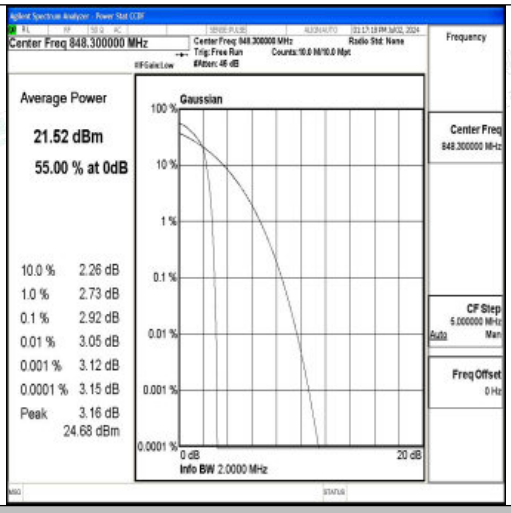
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



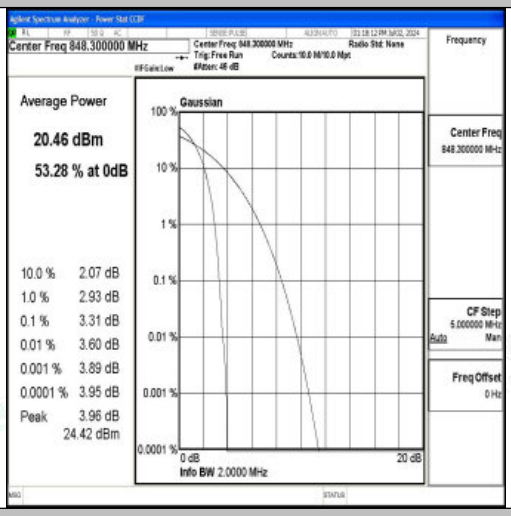
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



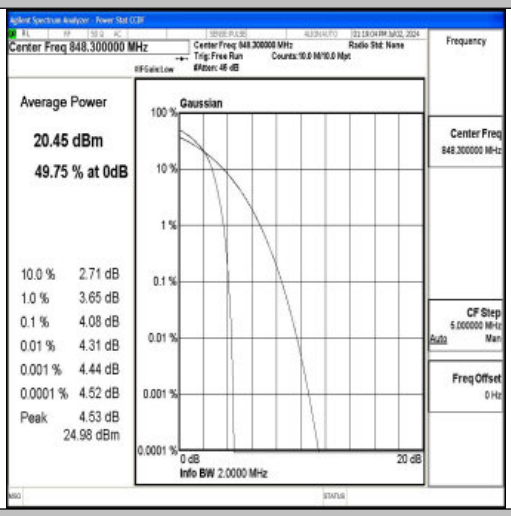
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



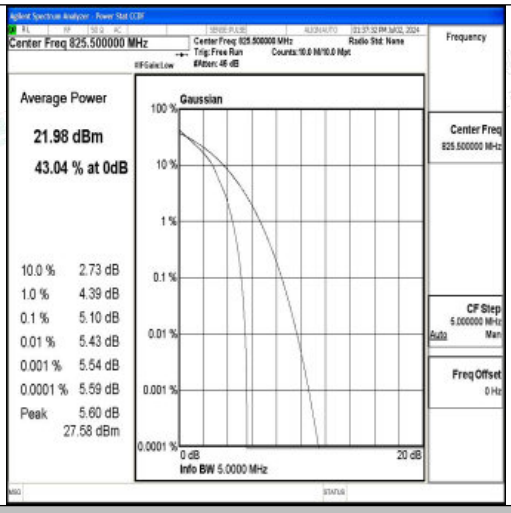
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



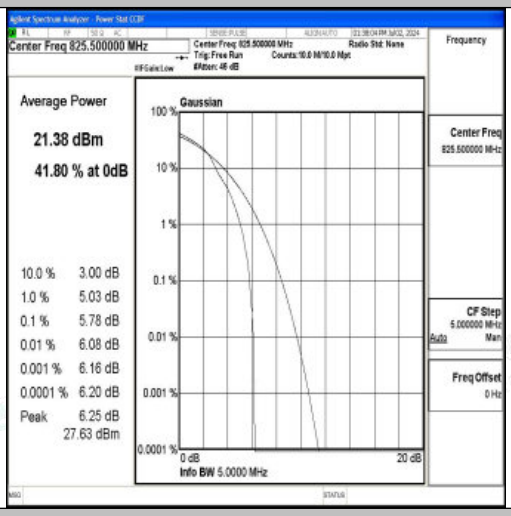
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



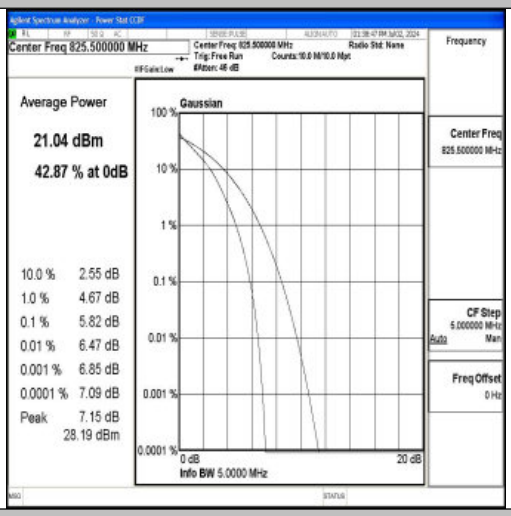
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



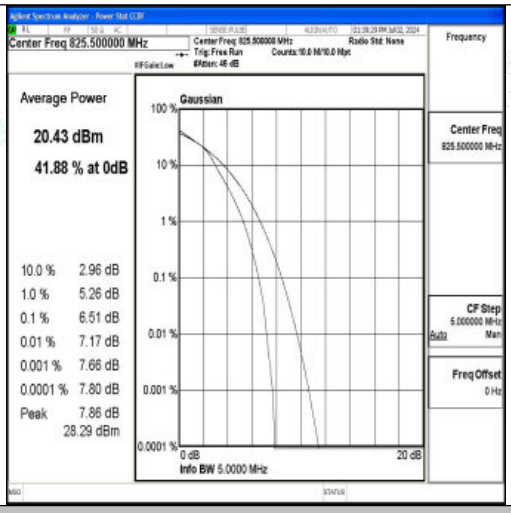
Band5-3MHz-QPSK-20415-1RB#0-PASS



Band5-3MHz-16QAM-20415-1RB#0-PASS



Band5-3MHz-QPSK-20415-15RB#0-PASS



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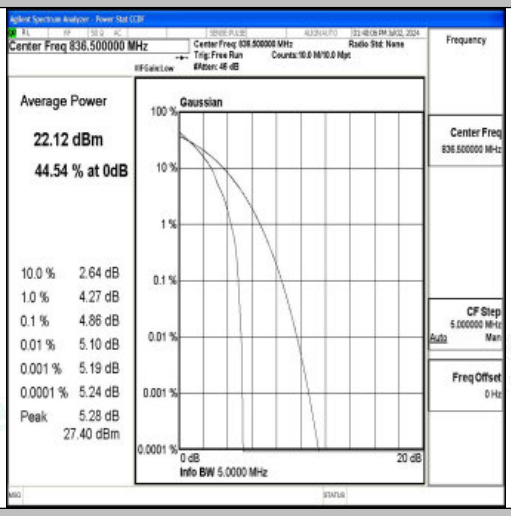
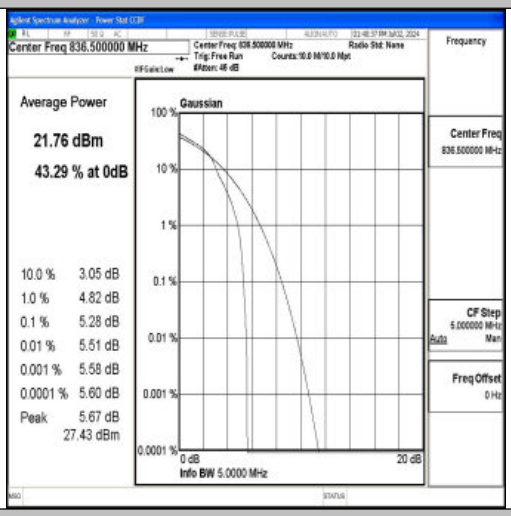


Band5-3MHz-QPSK-20525-1RB#0-PASS



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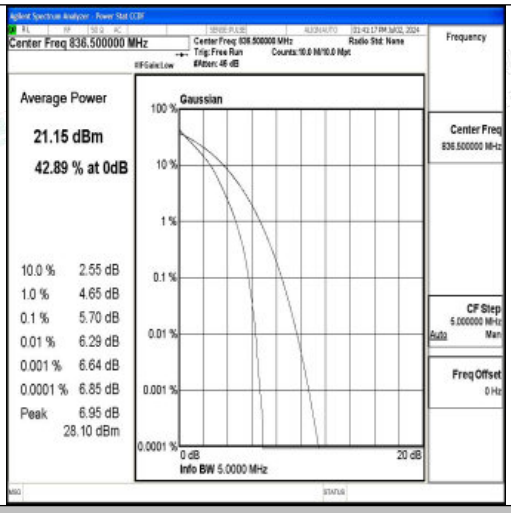

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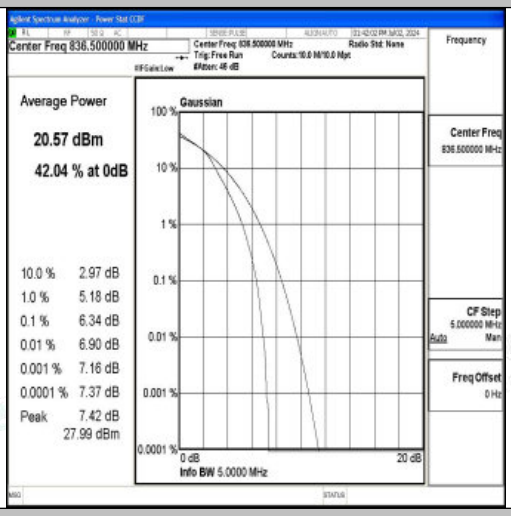
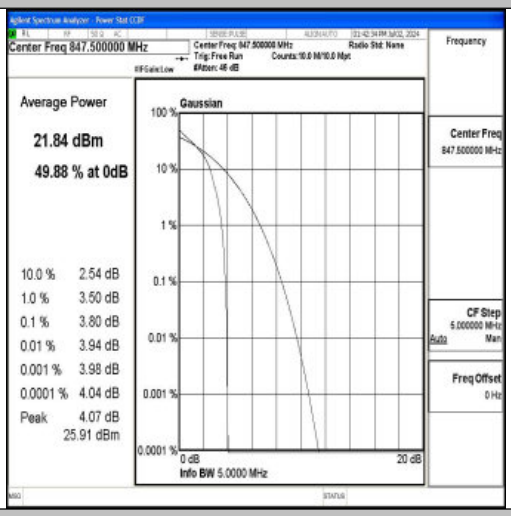
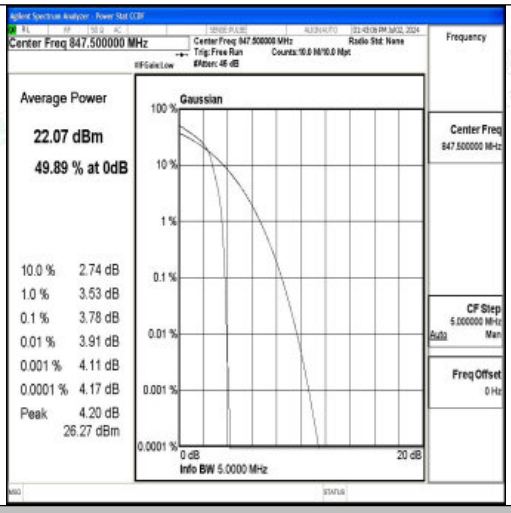


Band5-3MHz-16QAM-20525-15RB#0-PASS



Band5-3MHz-QPSK-20635-1RB#0-PASS



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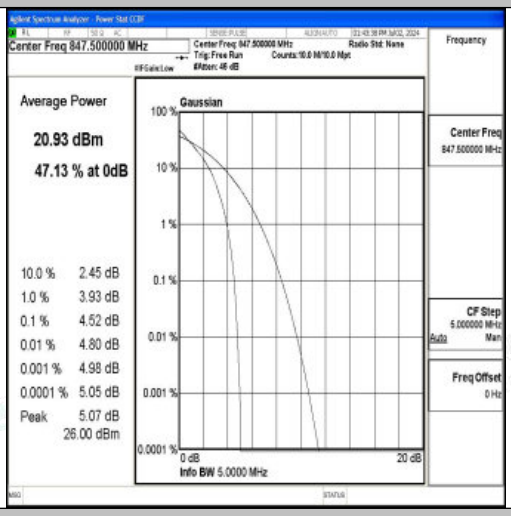

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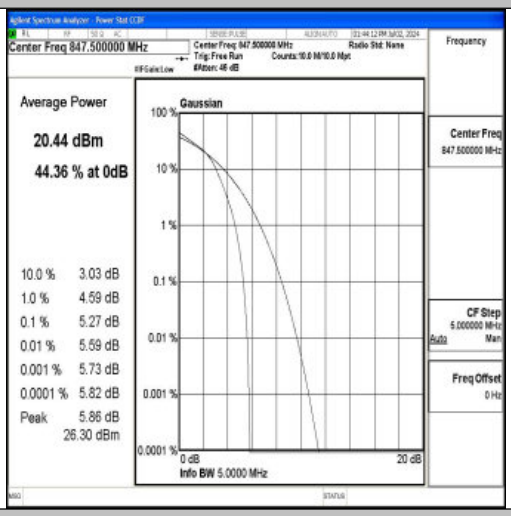

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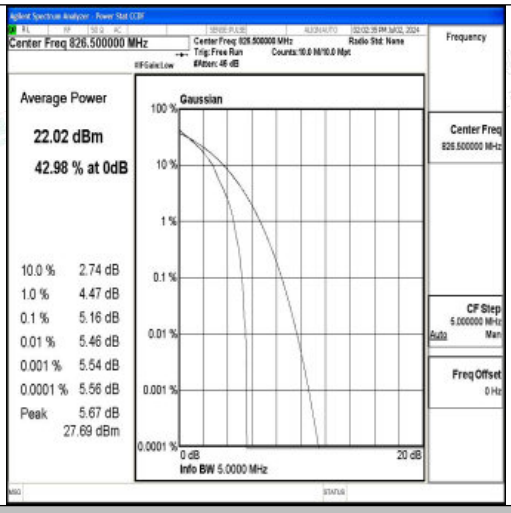

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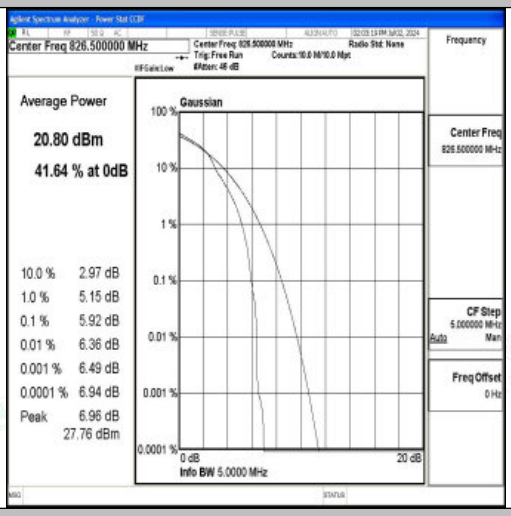

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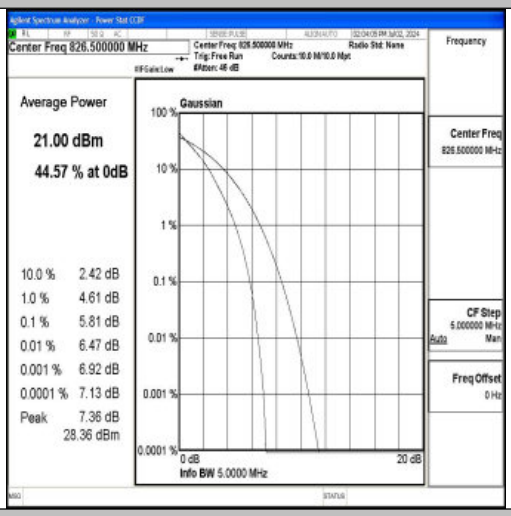

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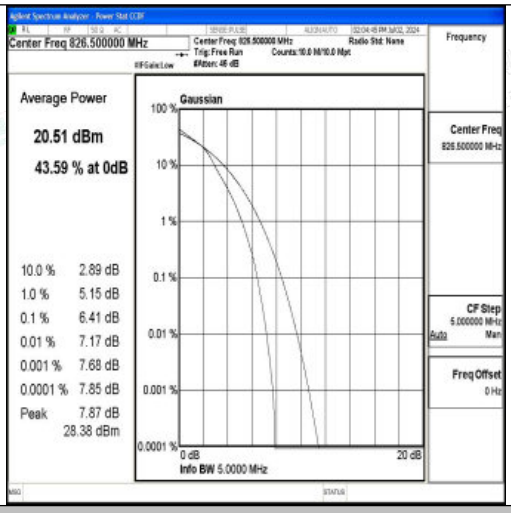
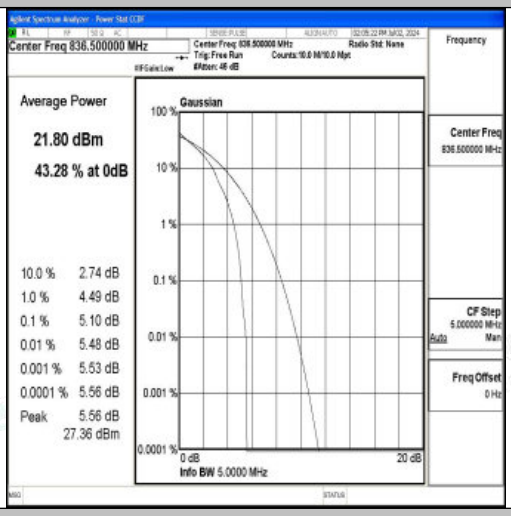


Band5-5MHz-16QAM-20425-25RB#0-PASS



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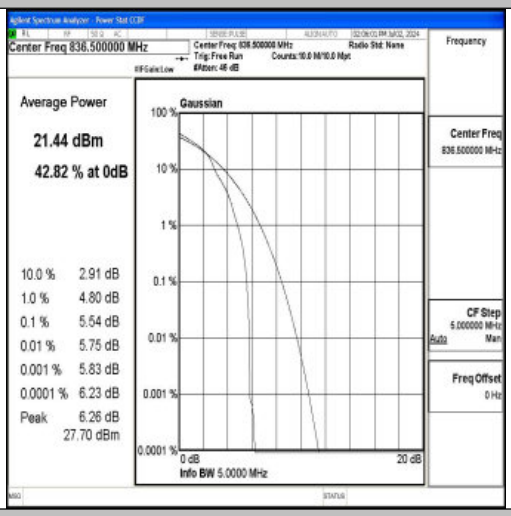
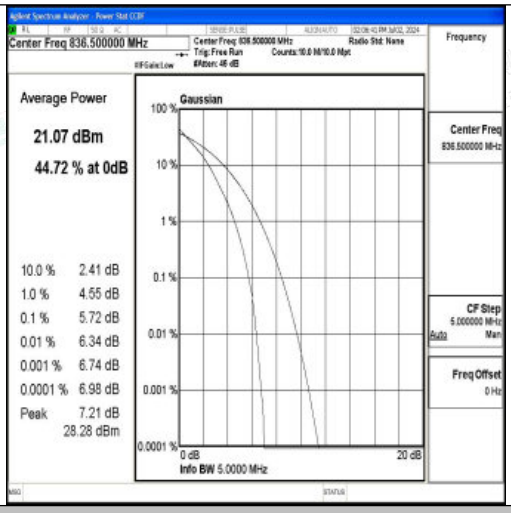


Band5-5MHz-16QAM-20525-1RB#0-PASS



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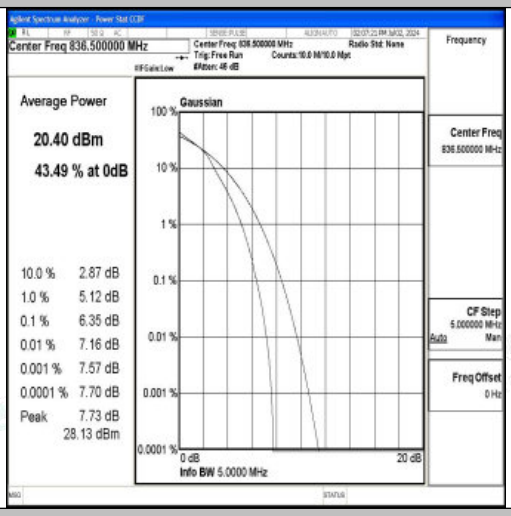

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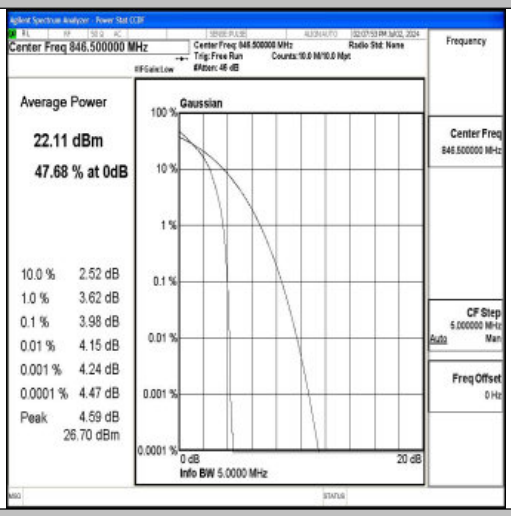

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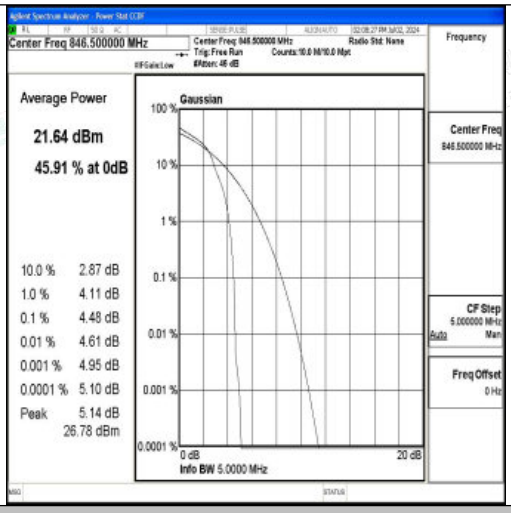

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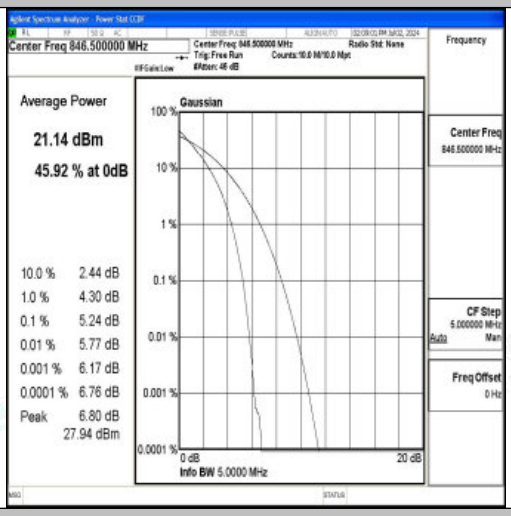
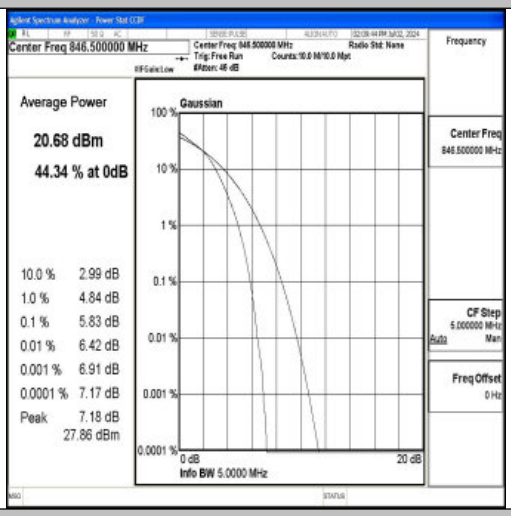


Band5-5MHz-QPSK-20625-25RB#0-PASS



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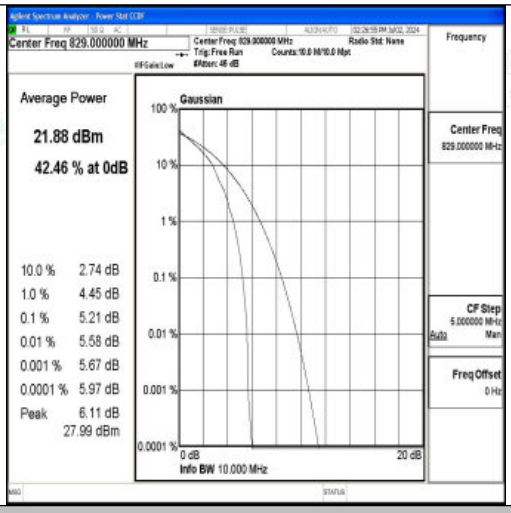
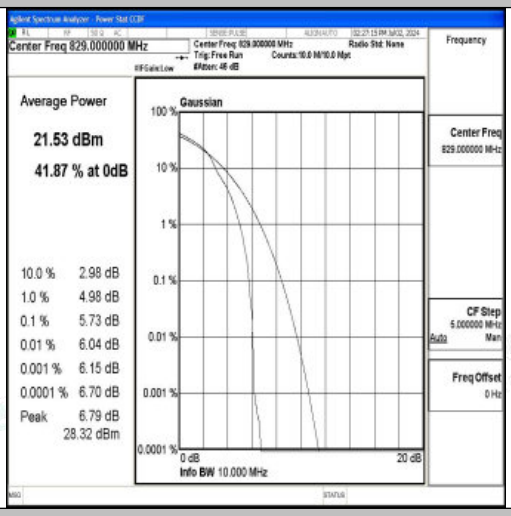
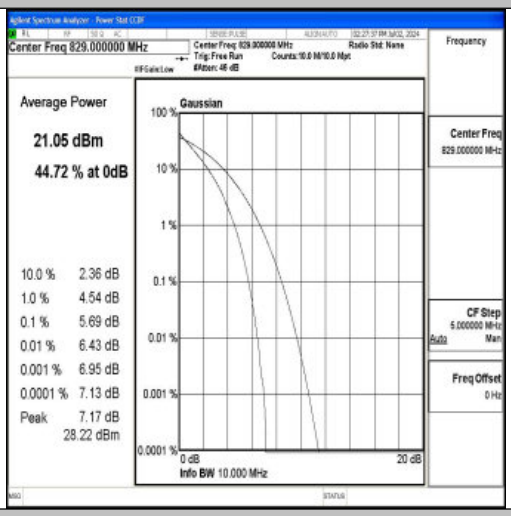


Band5-10MHz-QPSK-20450-1RB#0-PASS



Band5-10MHz-16QAM-20450-1RB#0-PASS



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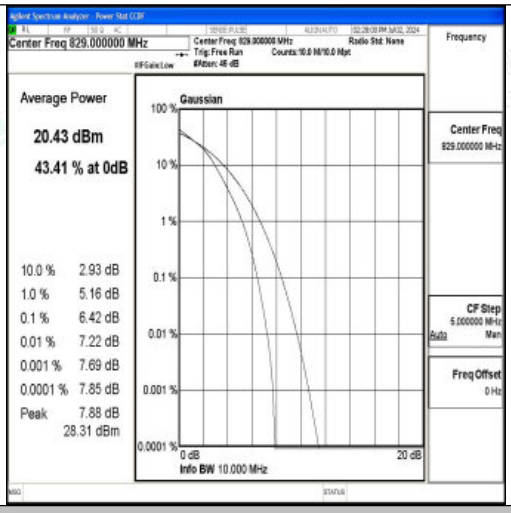

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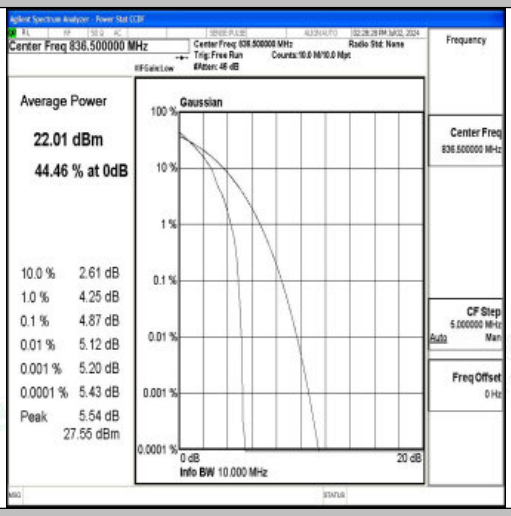

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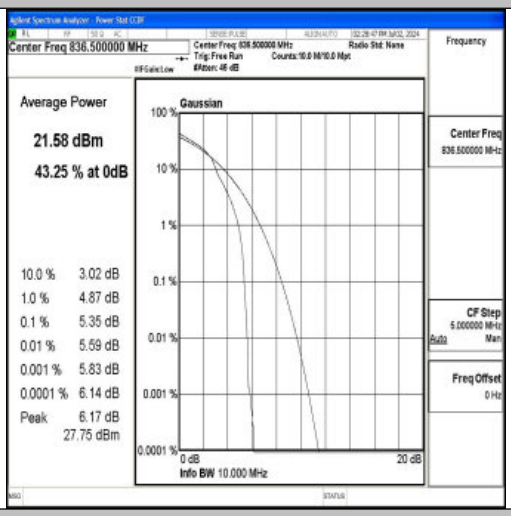

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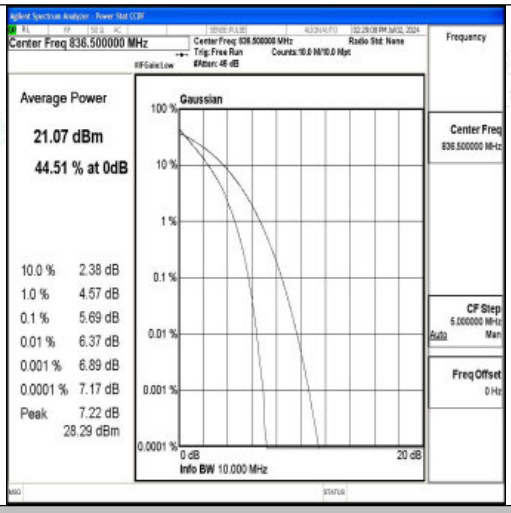

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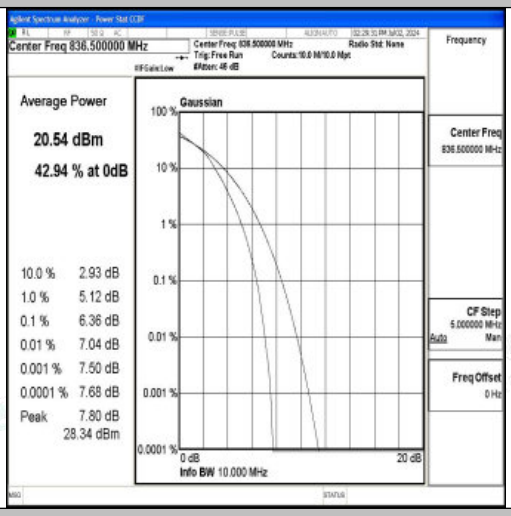

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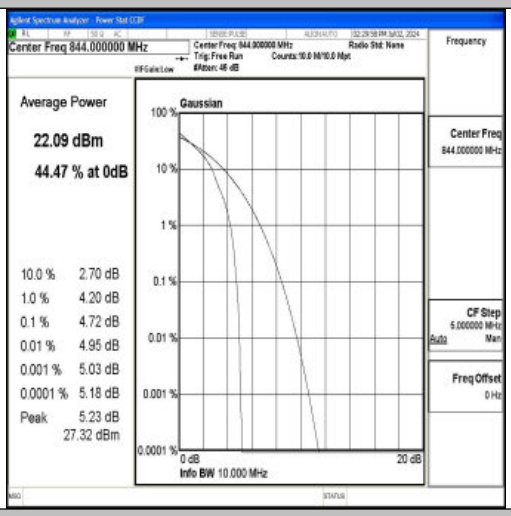
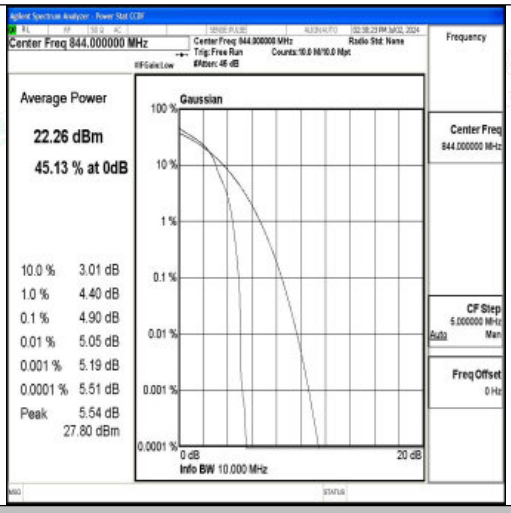
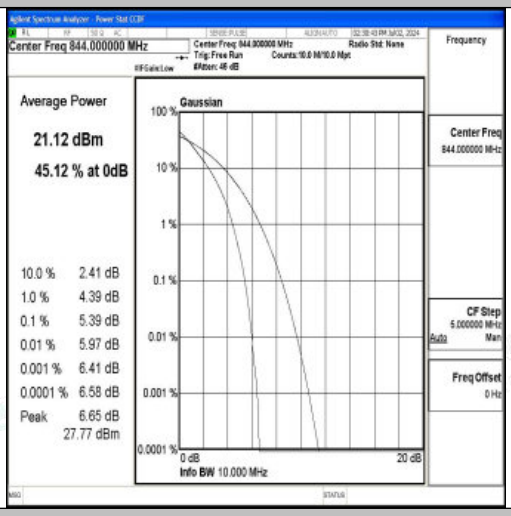


Band5-10MHz-QPSK-20600-1RB#0-PASS



Band5-10MHz-16QAM-20600-1RB#0-PASS



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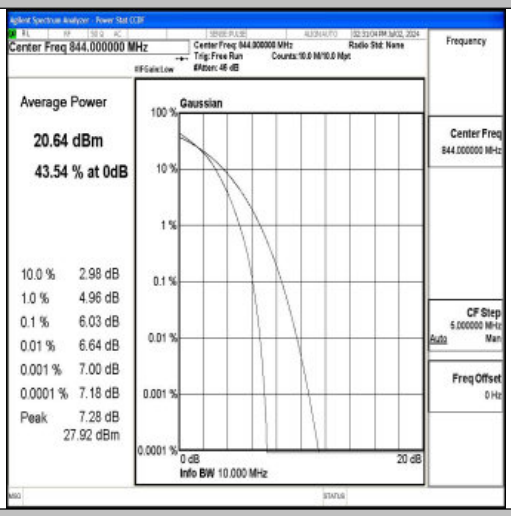


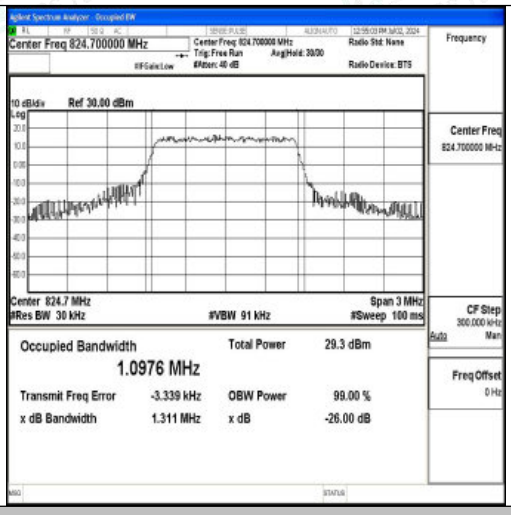
Band5-10MHz-16QAM-20600-50RB#0-PASS

J.3 26dB Bandwidth and Occupied Bandwidth

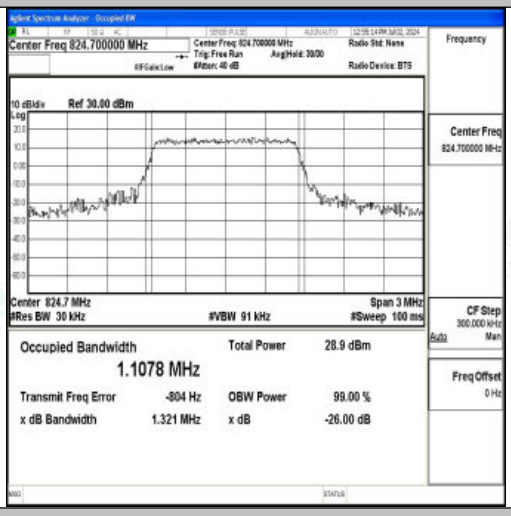
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0976	1.311	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1078	1.321	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0967	1.372	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1025	1.372	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1241	1.706	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0977	1.491	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7183	3.095	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6976	3.094	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7064	3.118	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7143	3.236	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6994	3.147	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6997	3.167	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5217	5.286	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5225	5.255	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5203	5.318	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5356	5.484	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5247	5.392	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5392	5.377	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9940	10.15	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9689	10.07	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0176	10.25	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0021	10.43	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9814	9.943	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9969	10.11	PASS

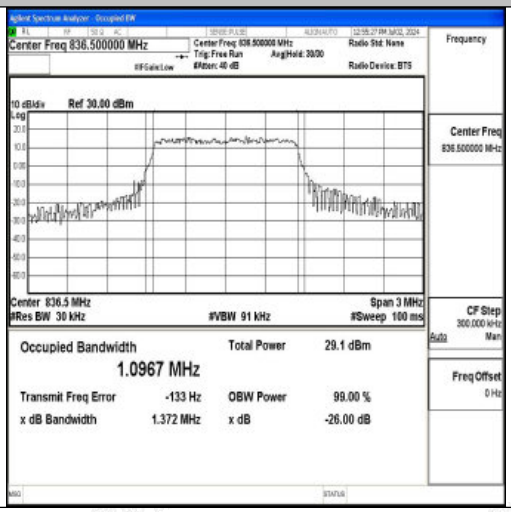
Test Graphs



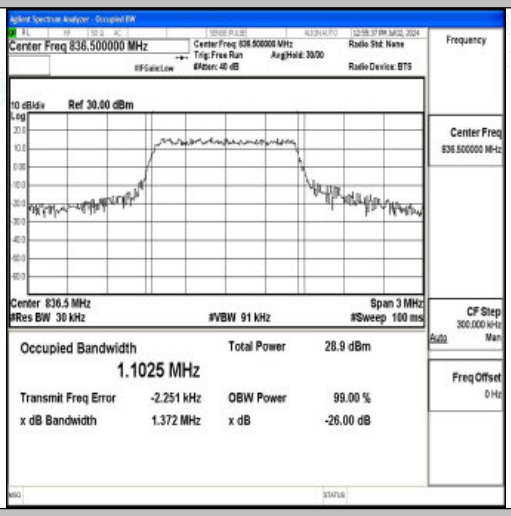
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



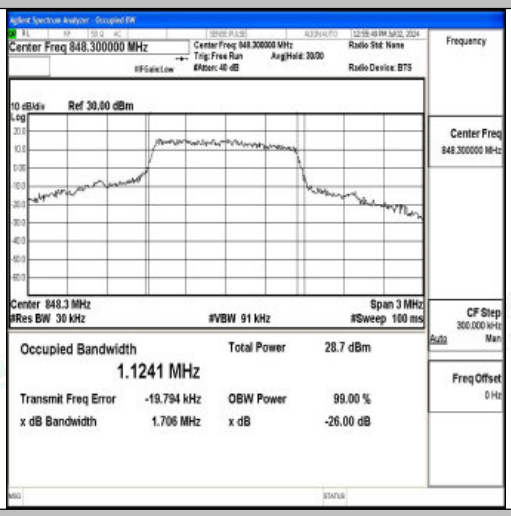
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



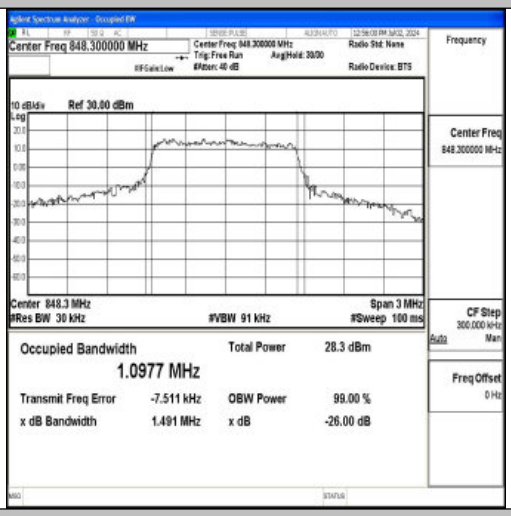
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



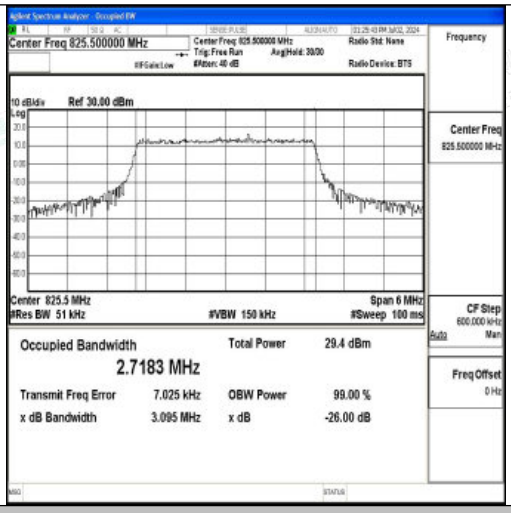
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



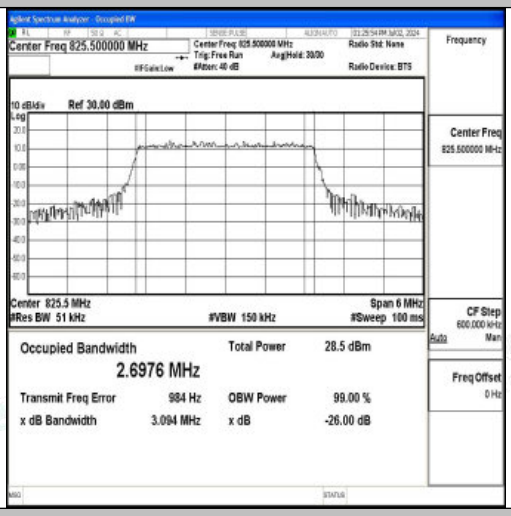
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



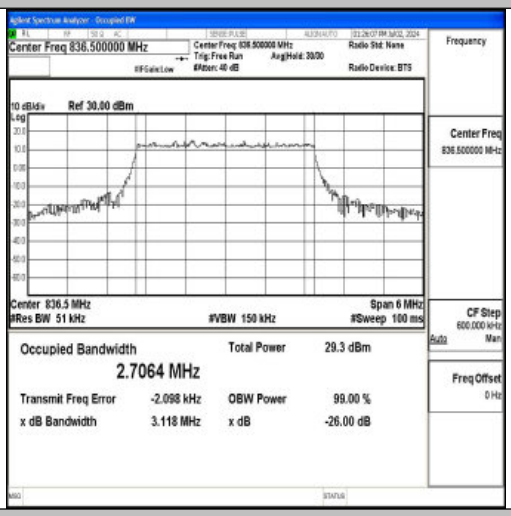
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



Band5-3MHz-QPSK-20415-15RB#0-PASS



Band5-3MHz-16QAM-20415-15RB#0-PASS



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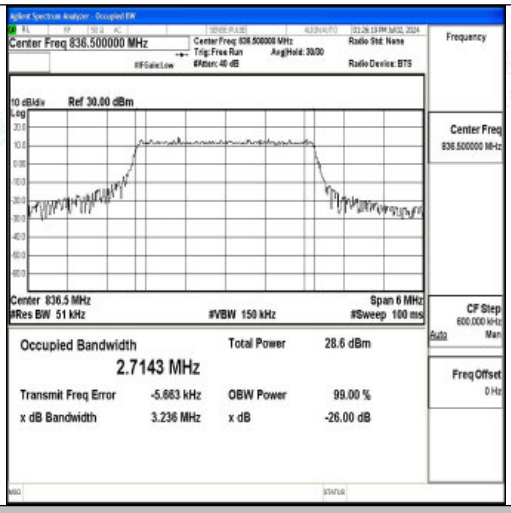
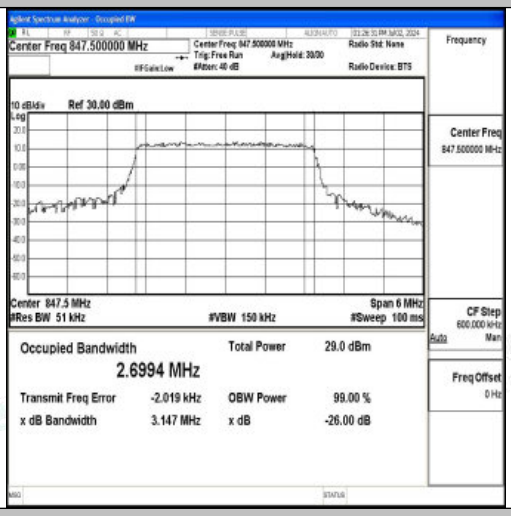
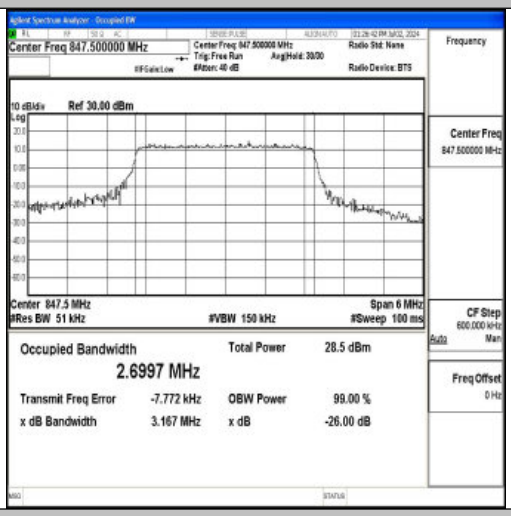


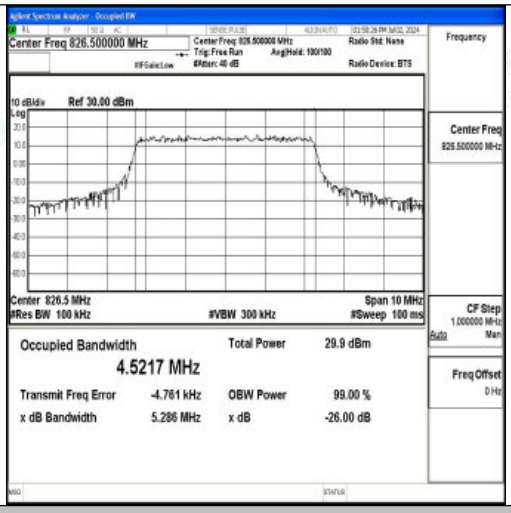
Band5-3MHz-16QAM-20525-15RB#0-PASS



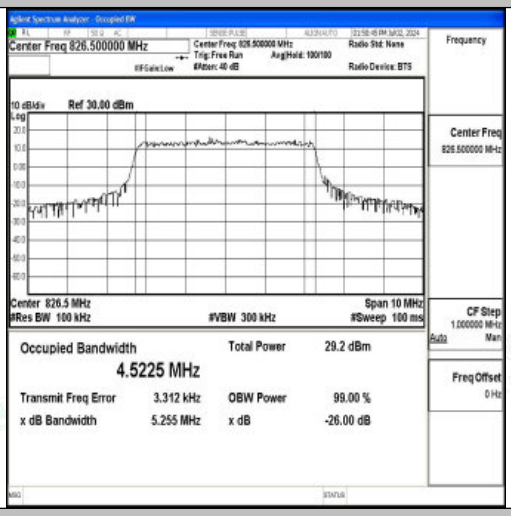
Band5-3MHz-QPSK-20635-15RB#0-PASS



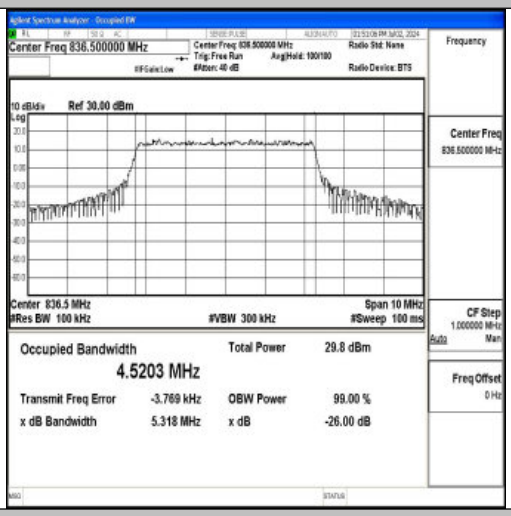
Band5-3MHz-16QAM-20635-15RB#0-PASS



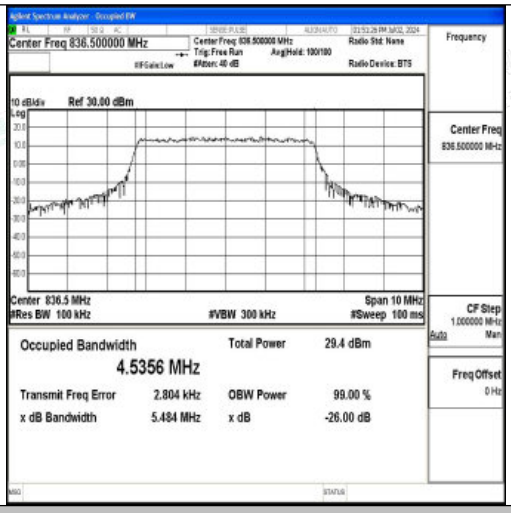
Band5-5MHz-QPSK-20425-25RB#0-PASS



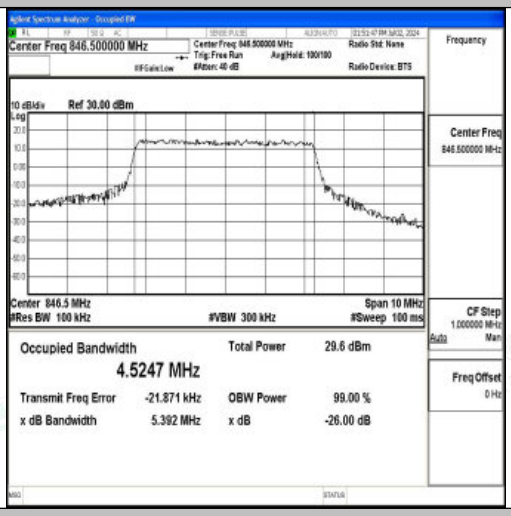
Band5-5MHz-16QAM-20425-25RB#0-PASS



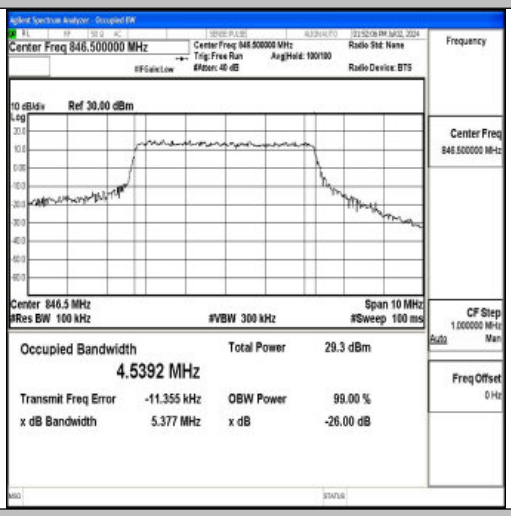
Band5-5MHz-QPSK-20525-25RB#0-PASS



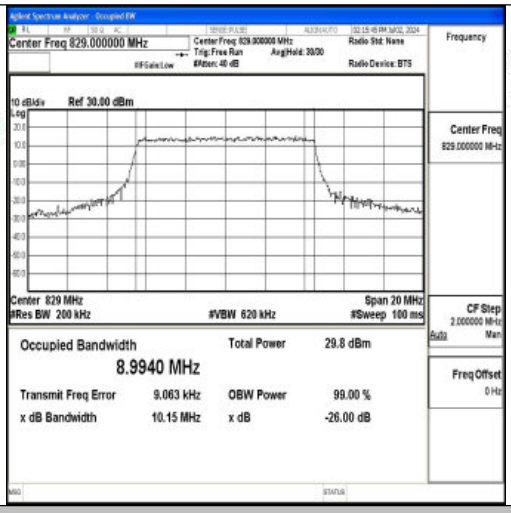
Band5-5MHz-16QAM-20525-25RB#0-PASS



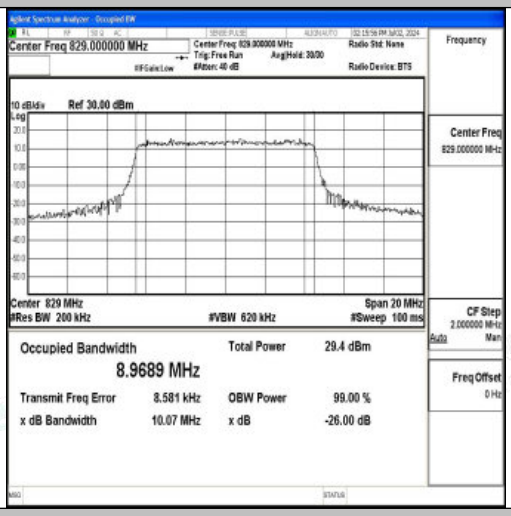
Band5-5MHz-QPSK-20625-25RB#0-PASS



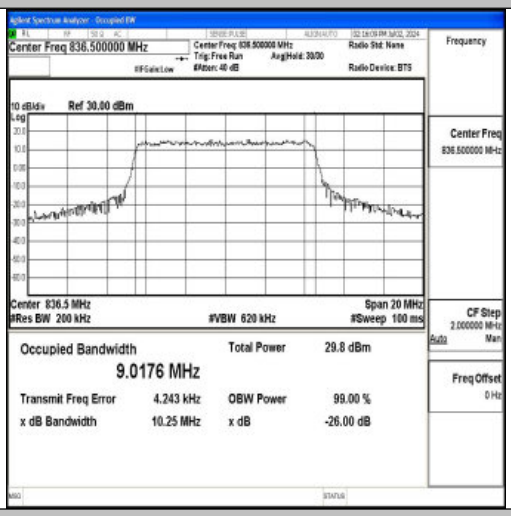
Band5-5MHz-16QAM-20625-25RB#0-PASS



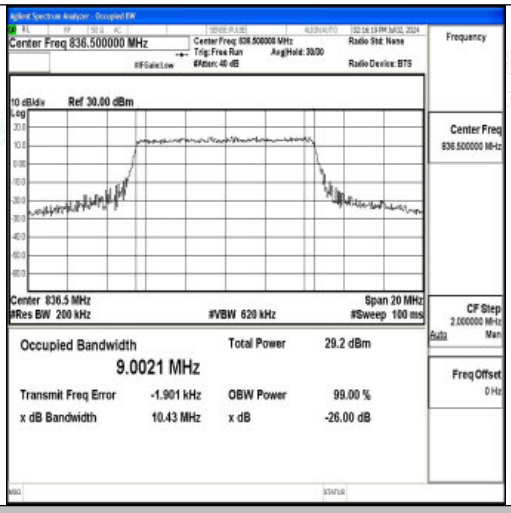
Band5-10MHz-QPSK-20450-50RB#0-PASS



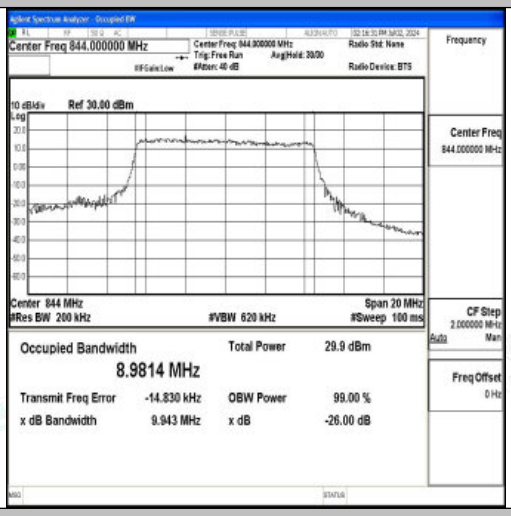
Band5-10MHz-16QAM-20450-50RB#0-PASS



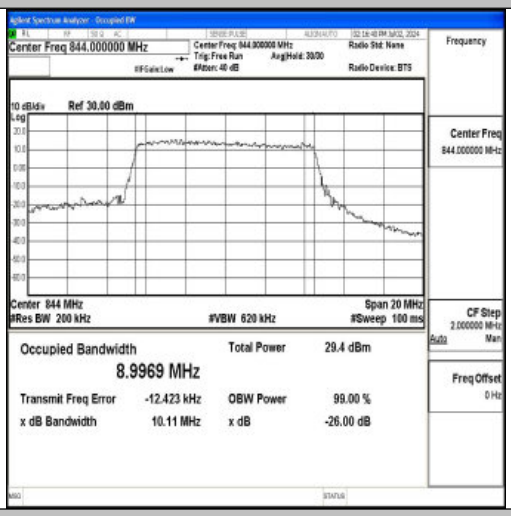
Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



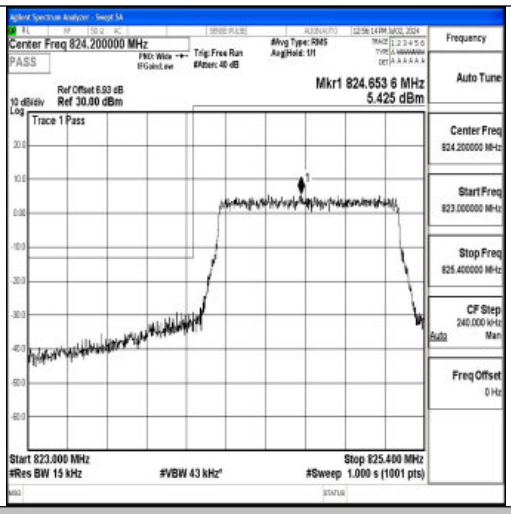
Band5-10MHz-16QAM-20600-50RB#0-PASS

J.4 Band Edge

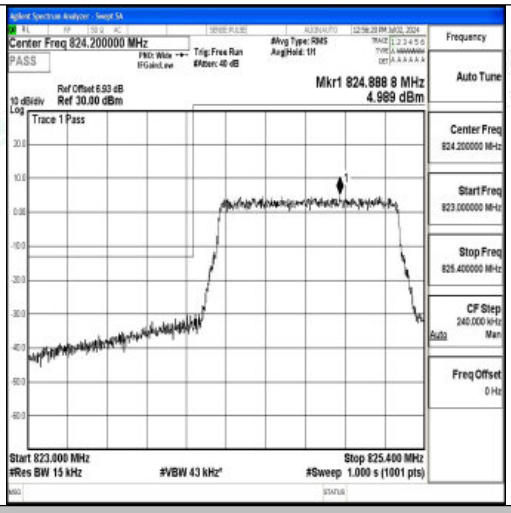
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.90	-29.18	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.97	-30.06	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.02	-22.38	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.10	-24.74	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-25.94	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-26.78	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-25.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-26.87	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.99	-28.72	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.97	-31.76	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.00	-29.83	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.03	-28.20	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-33.85	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.97	-34.73	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.03	-33.51	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.11	-33.98	PASS

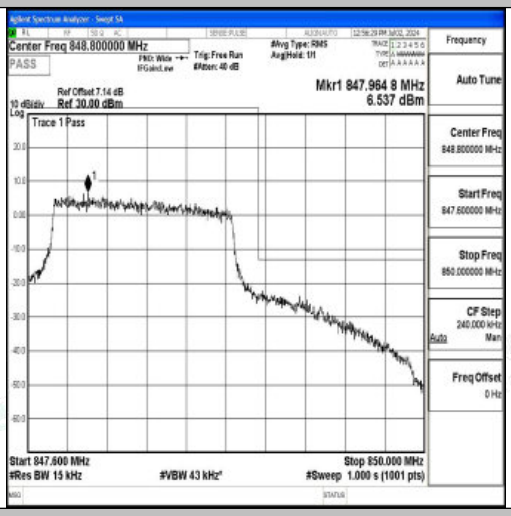
Test Graphs



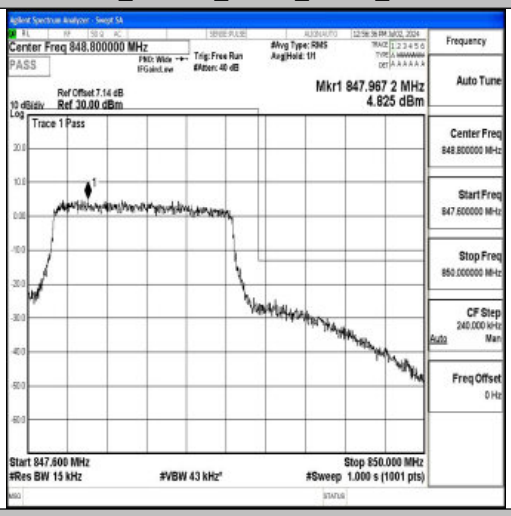
Band5_1.4MHz_QPSK_20407_6RB#0



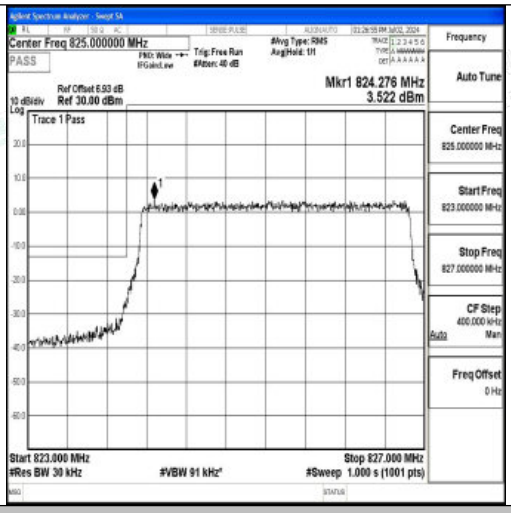
Band5_1.4MHz_16QAM_20407_6RB#0



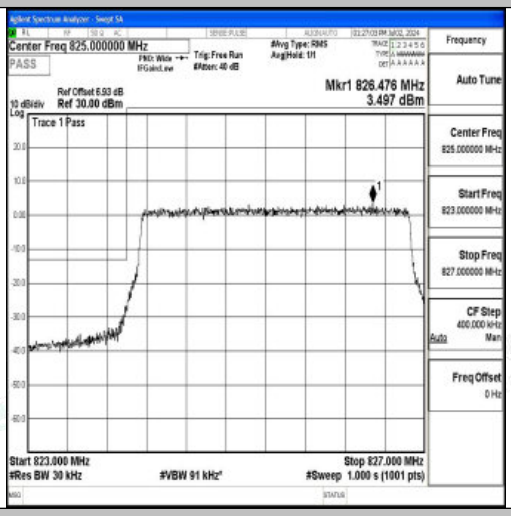
Band5_1.4MHz_QPSK_20643_6RB#0



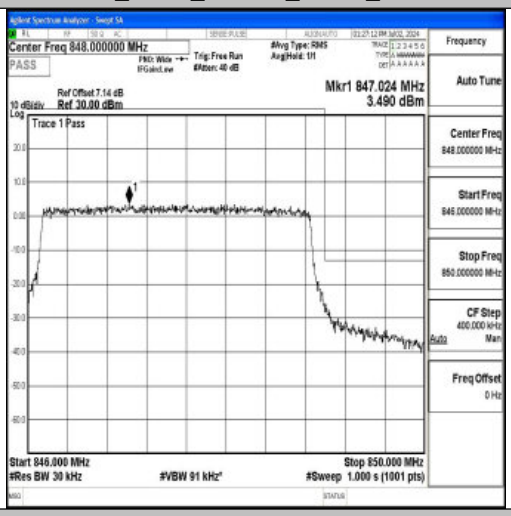
Band5_1.4MHz_16QAM_20643_6RB#0



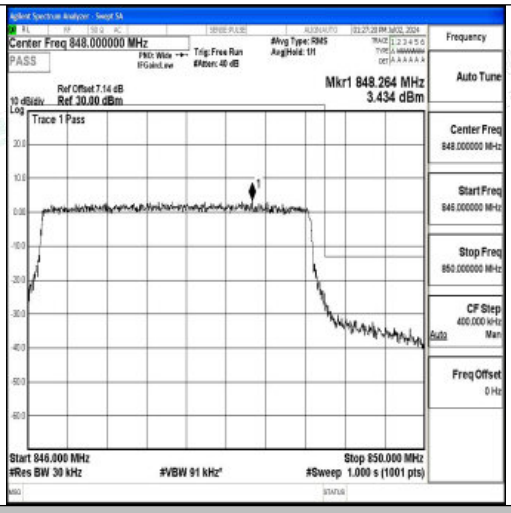
Band5_3MHz_QPSK_20415_15RB#0



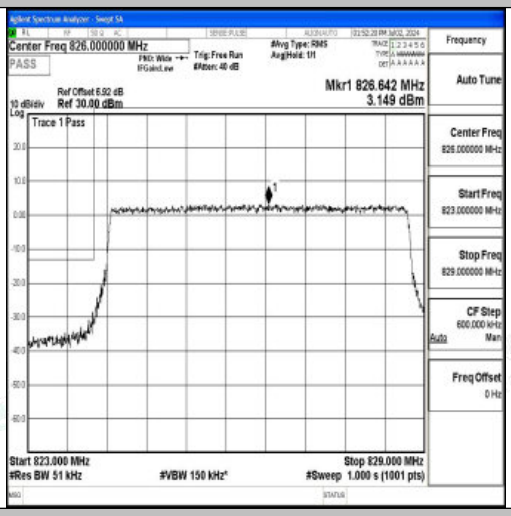
Band5_3MHz_16QAM_20415_15RB#0



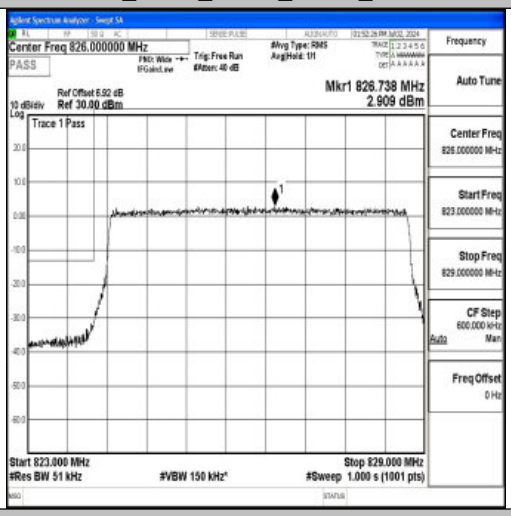
Band5_3MHz_QPSK_20635_15RB#0



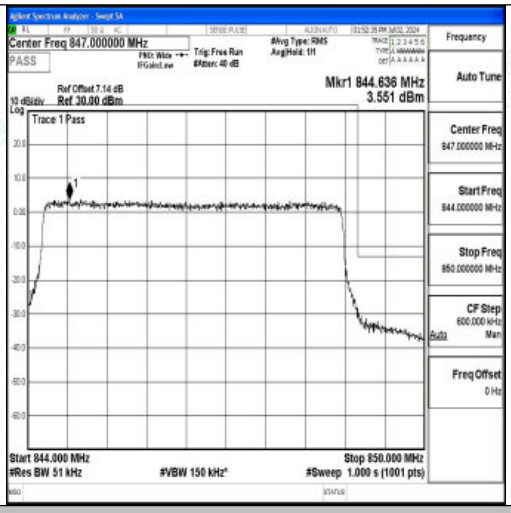
Band5_3MHz_16QAM_20635_15RB#0



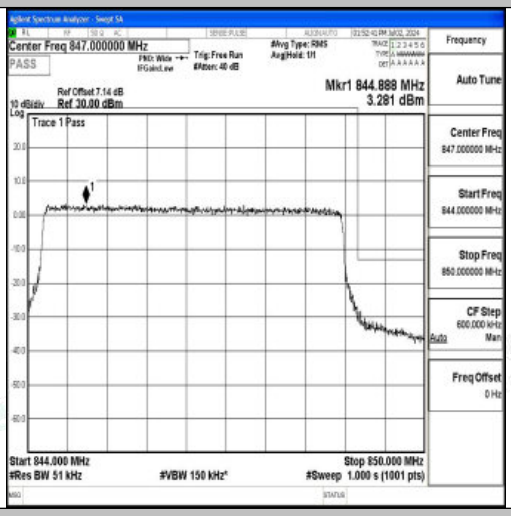
Band5_5MHz_QPSK_20425_25RB#0



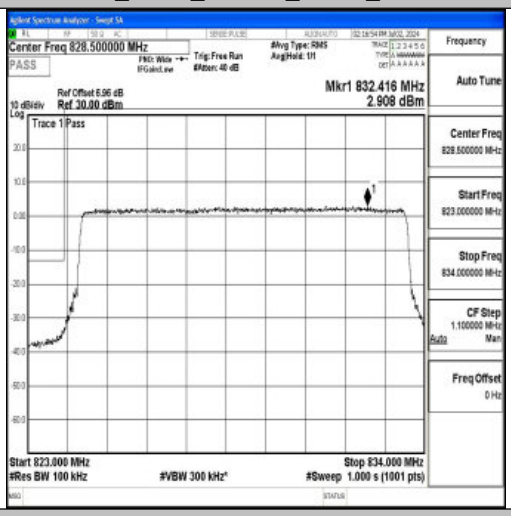
Band5_5MHz_16QAM_20425_25RB#0



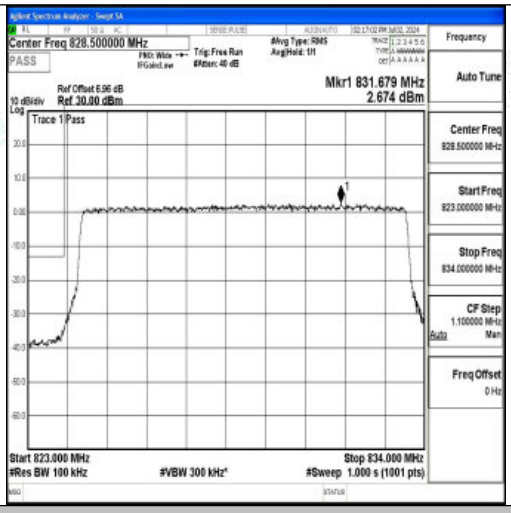
Band5_5MHz_QPSK_20625_25RB#0



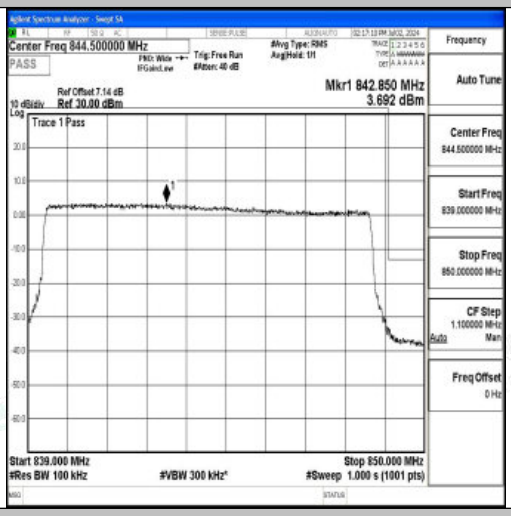
Band5_5MHz_16QAM_20625_25RB#0



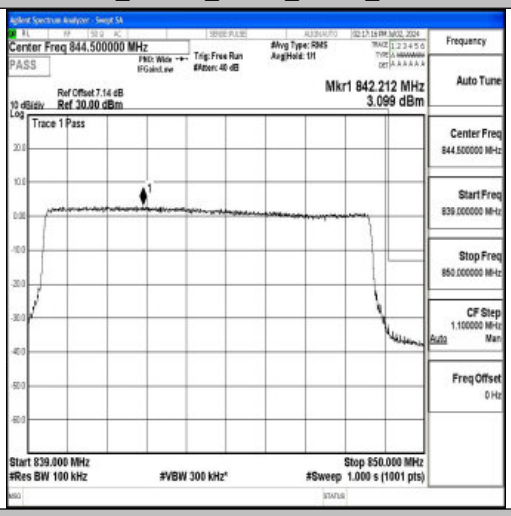
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

J.5 Conducted Spurious Emission

Test Result

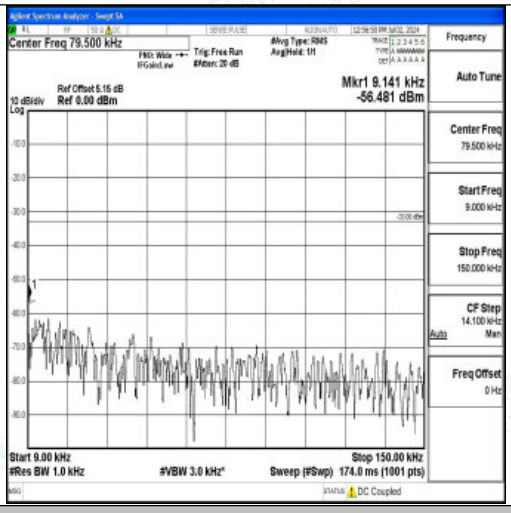
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-50.41	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-48.06	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-34.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.17	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-58.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-53.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-42.21	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-33.05	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-43.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-56.74	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.63	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-46.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-34.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-43.90	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-58.30	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.49	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-48.00	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-31.58	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.07	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-60.37	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-51.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-46.87	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-29.04	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-56.19	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-50.64	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-49.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-28.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.14	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-59.33	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-51.89	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-51.44	PASS

Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-24.70	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-55.55	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-53.08	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-47.95	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-24.68	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-42.77	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-55.94	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-50.14	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-50.83	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-30.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.90	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.73	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.68	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-49.30	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-28.71	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-43.83	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-56.29	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-51.86	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-49.71	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-29.84	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-43.61	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-58.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-52.13	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-52.09	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-28.55	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.03	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-59.15	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-51.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-59.04	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-25.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-42.55	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-55.91	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-50.53	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-59.50	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-24.79	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.57	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-57.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.22	PASS

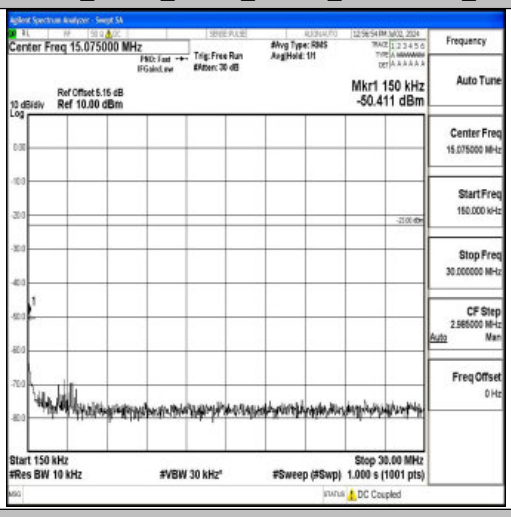
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-59.49	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-29.34	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.01	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-57.16	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-54.30	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.43	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-29.93	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-43.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-54.77	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-59.27	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-29.56	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-43.54	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-54.42	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.31	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-59.59	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-29.03	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-43.92	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-57.54	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-51.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-25.80	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.29	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-56.84	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.50	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.31	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-24.18	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.74	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-58.13	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.14	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.04	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-27.90	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-42.80	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-56.25	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-51.76	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.31	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-27.63	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-42.86	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-59.56	PASS

Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-53.86	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.12	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-29.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-42.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.00	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-52.08	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.05	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-29.97	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.00	PASS

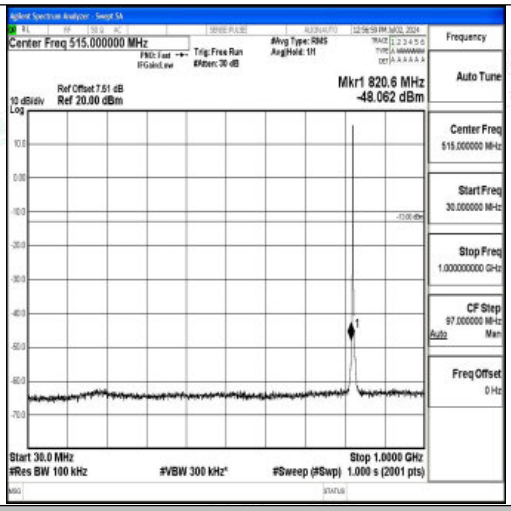
Test Graphs



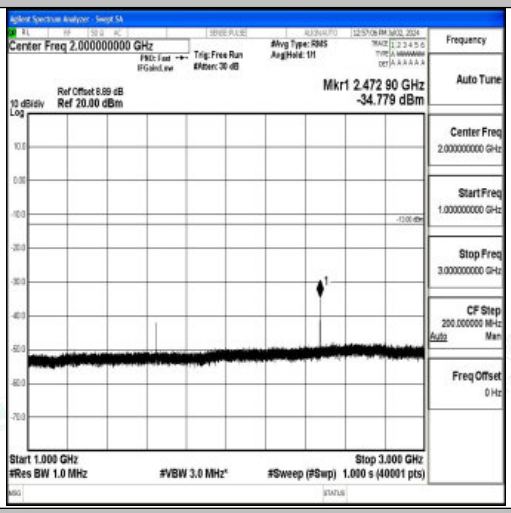
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



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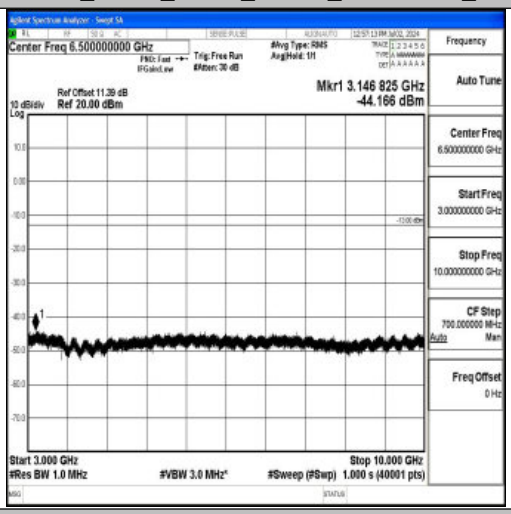

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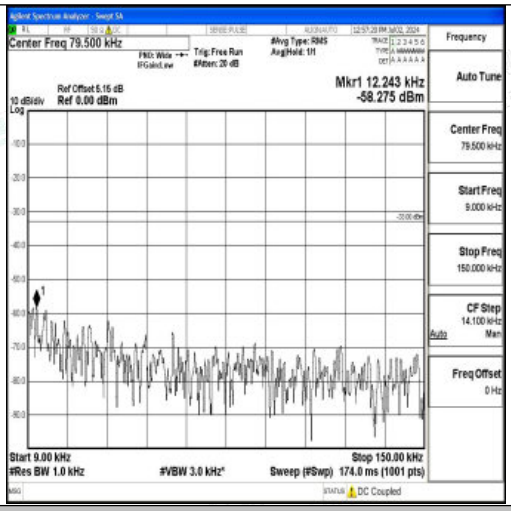
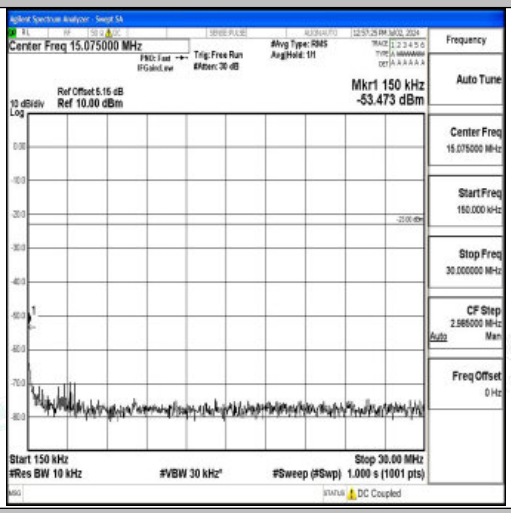
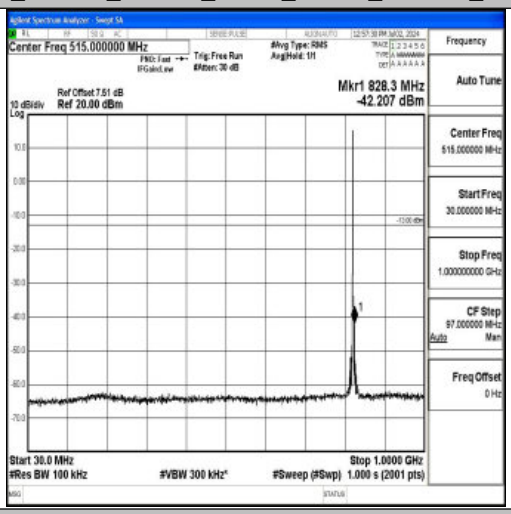


Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



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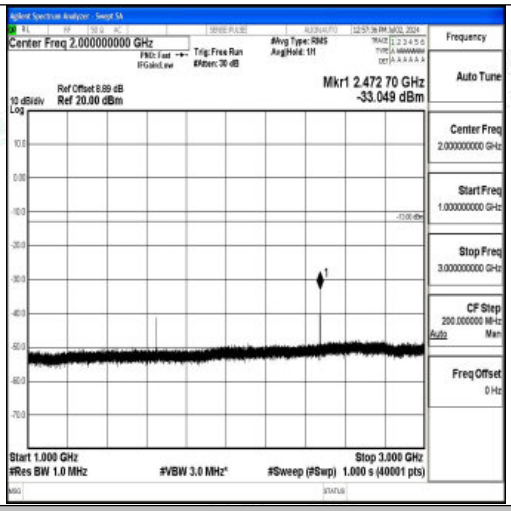
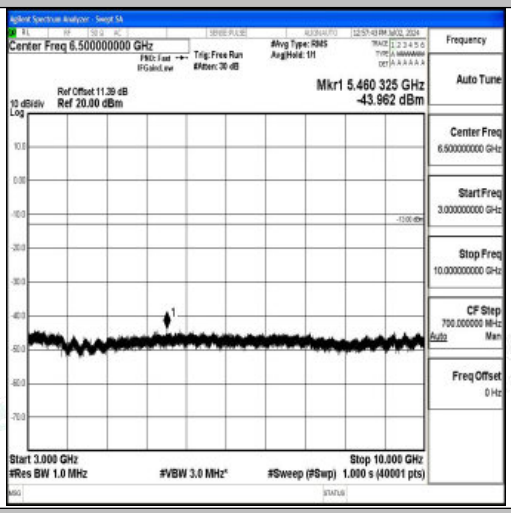
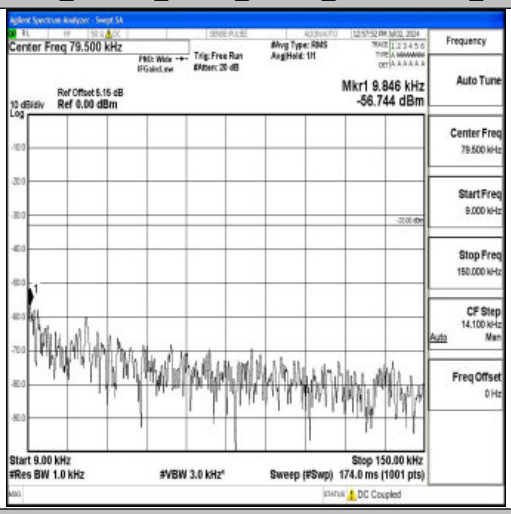


Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_16QAM_20407_1RB#0_3000~10000_3000~10000



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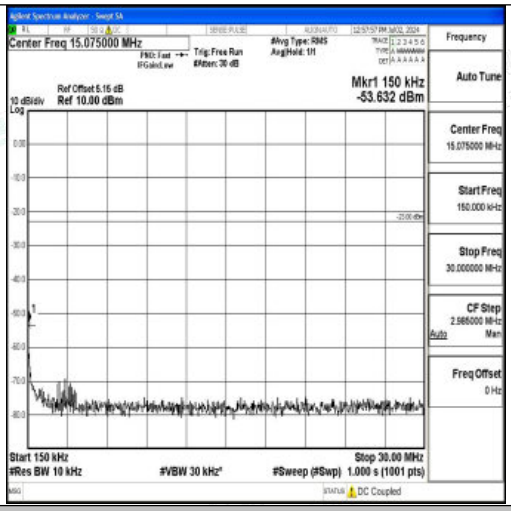

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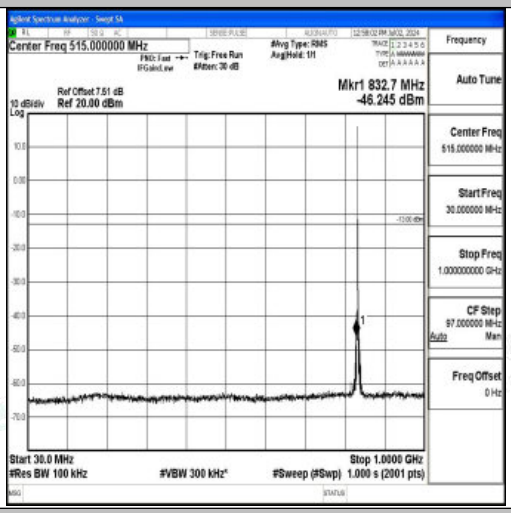
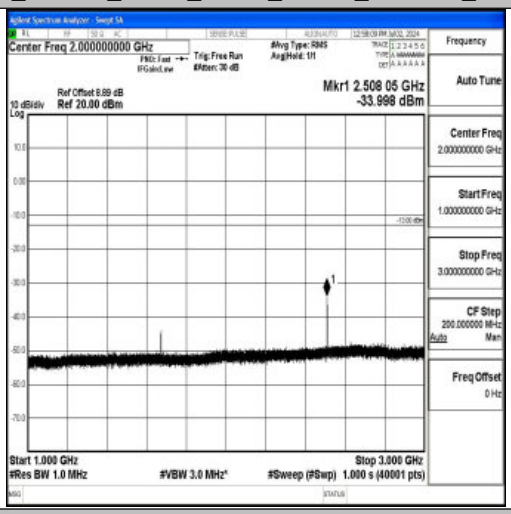
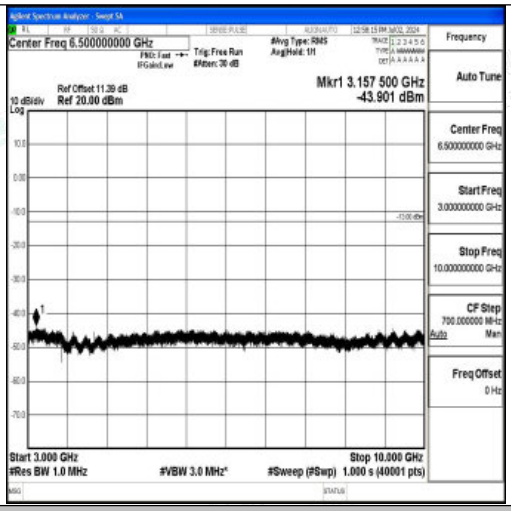


Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



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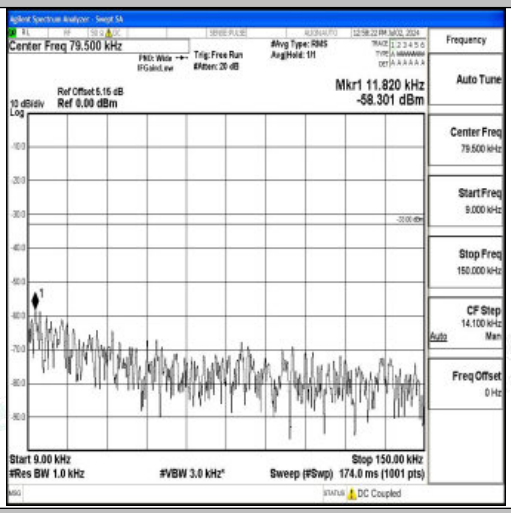

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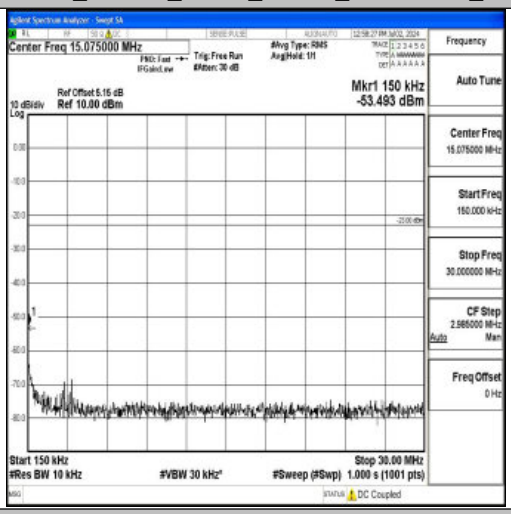

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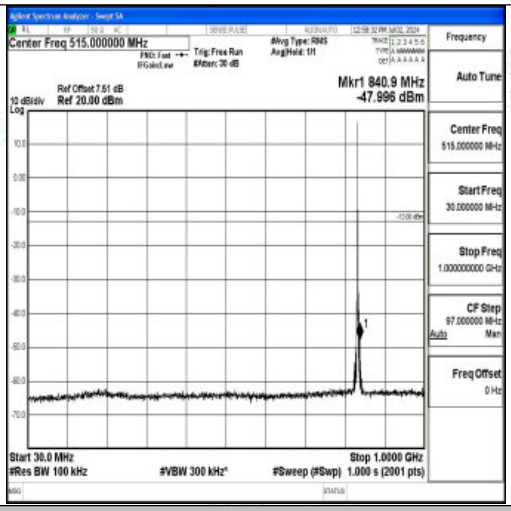

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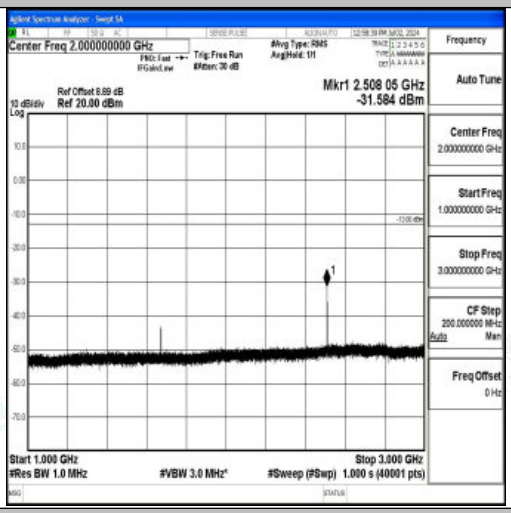
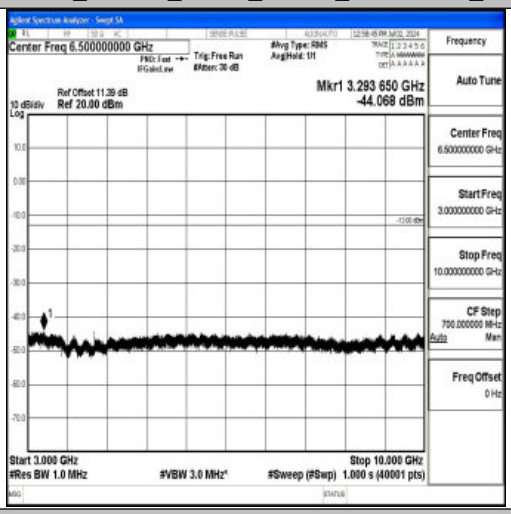


Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



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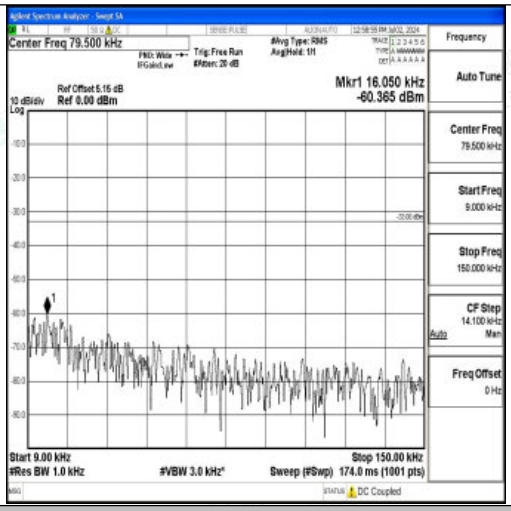
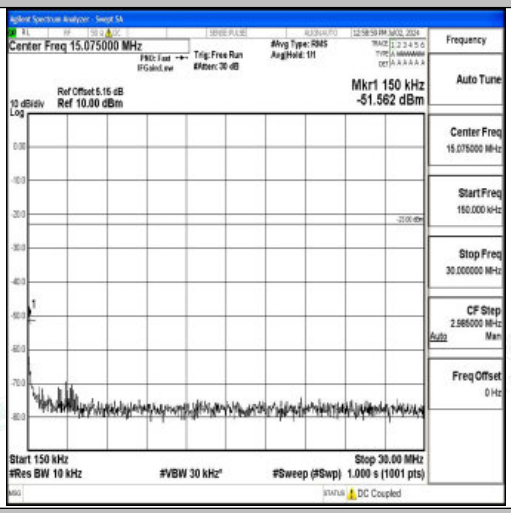
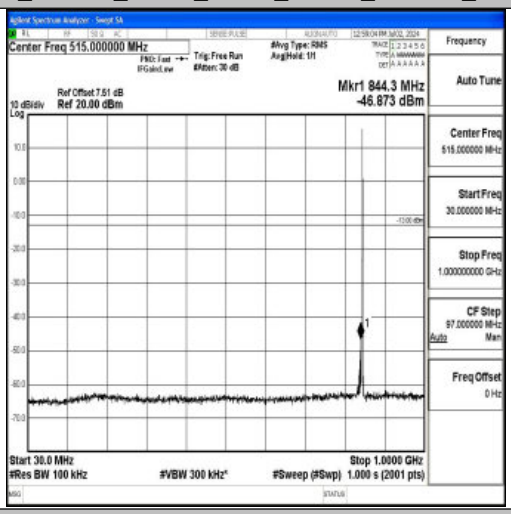


Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_QPSK_20643_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000