Appendix J: Test Data for E-UTRA Band 5

Product Name: Smartphone

Test Model: S24 Pro

Environmental Conditions

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

J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	21.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.80	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	21.92	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.33	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.23	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.97	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.32	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.95	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.32	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.84	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.03	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.84	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.78	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.49	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.82	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.46	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.04	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.40	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.97	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.00	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.99	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.93	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.06	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.56	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.49	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.39	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.40	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.71	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.30	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	21.87	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.56	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.78	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.34	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.68	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.33	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.79	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.59	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.78	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.53	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.08	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.61	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.04	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.56	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.06	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.55	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.36	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.06	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.31	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.02	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.21	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.99	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.43	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.11	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.42	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.98	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.50	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.01	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.24	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.74	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.18	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.40	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.99	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.18	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.56	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.52	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.35	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.83	PASS

Band5	3MHz	QPSK	20635	8RB#4	21.35	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.97	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.22	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.78	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.36	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.56	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.28	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.98	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.33	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.06	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.31	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.09	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.26	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.76	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.29	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.83	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.43	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.72	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.32	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.94	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.98	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.25	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.00	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.09	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.08	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.70	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.34	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.83	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.44	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.83	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.35	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.73	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.46	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.73	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.16	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.61	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.04	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.71	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.04	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.31	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.56	PASS

Band5	5MHz	QPSK	20625	12RB#6	21.32	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.50	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.24	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.22	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.92	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.01	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.60	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.49	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.73	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.49	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.88	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.37	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.86	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.39	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.63	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.31	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.76	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.51	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.96	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.35	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.97	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.21	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.91	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.14	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.62	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.28	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.95	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.24	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.92	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.31	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.87	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.21	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.78	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.05	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.11	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.14	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.12	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.75	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.63	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.40	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.75	PASS

Band5	10MHz	QPSK	20600	25RB#12	21.20	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.76	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.50	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.97	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.28	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.76	PASS

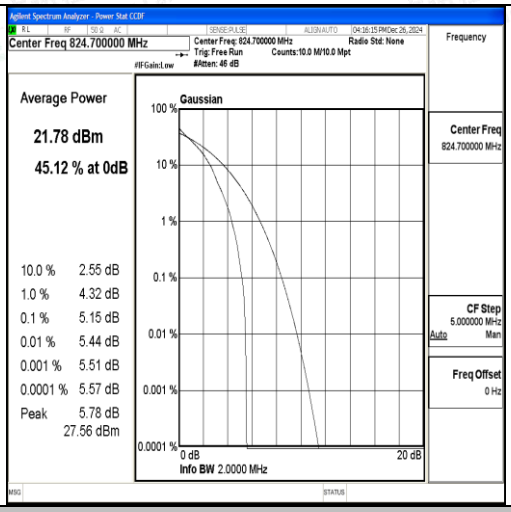
J.2 Peak-to-Average Ratio(CCDF)

Test Result

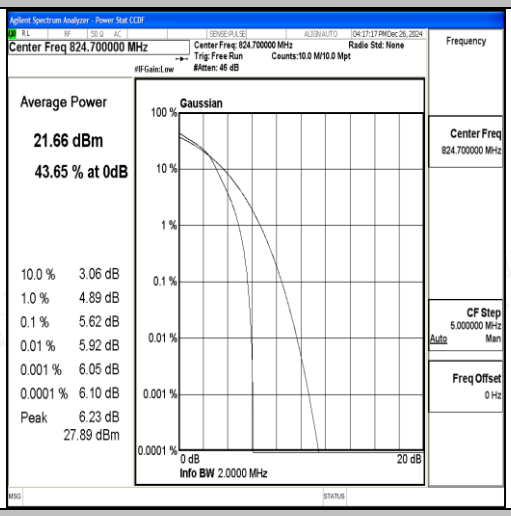
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.15	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.62	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.70	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.33	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.20	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.99	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.76	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.40	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.26	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.05	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.20	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.86	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.77	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.43	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.26	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.85	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.75	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.23	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.86	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.77	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.37	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.40	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.95	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.71	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.36	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.52	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.91	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.47	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.15	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.19	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.76	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.88	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.50	13	PASS

Band5	10MHz	QPSK	20525	1RB#0	5.33	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.26	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.37	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.75	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.30	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.20	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.41	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.37	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.15	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.03	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.72	13	PASS

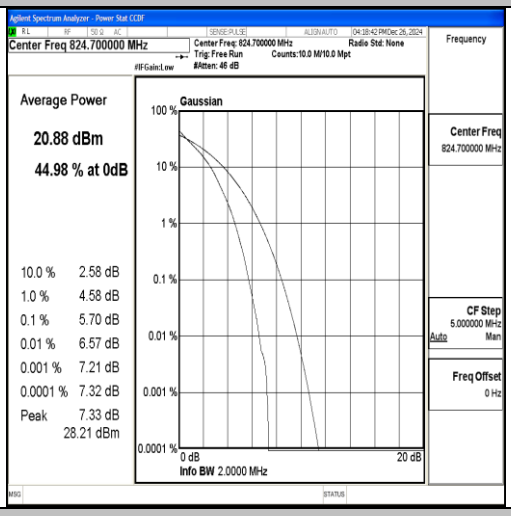
Test Graphs



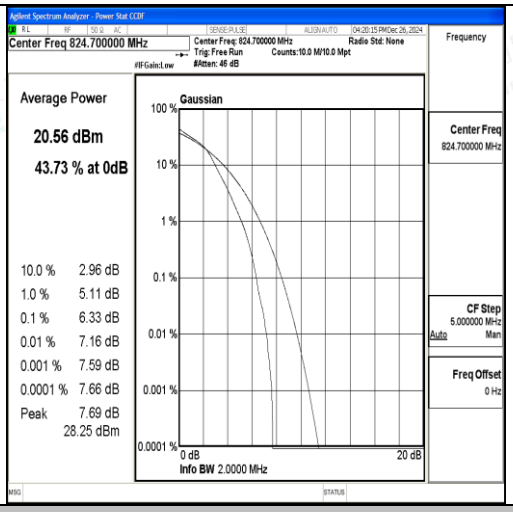
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



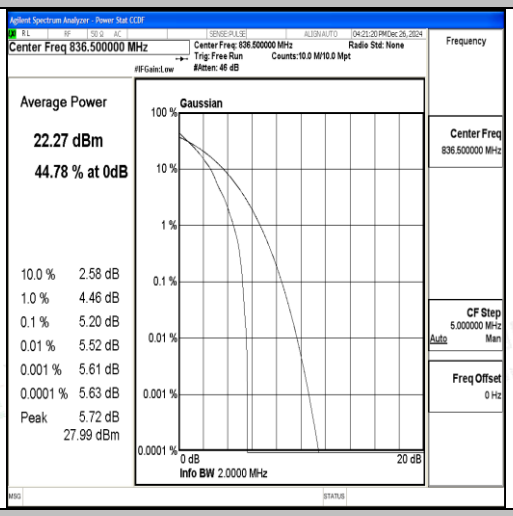
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



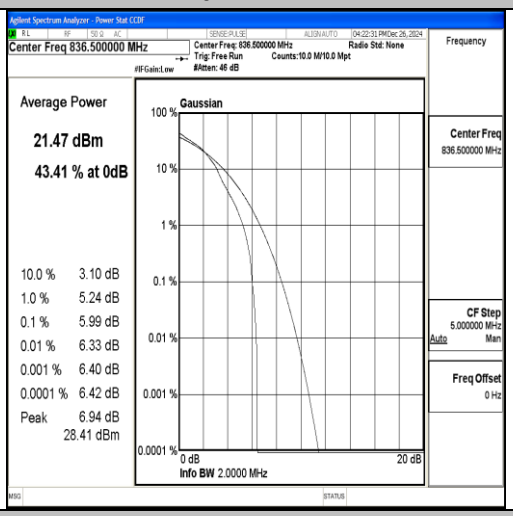
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



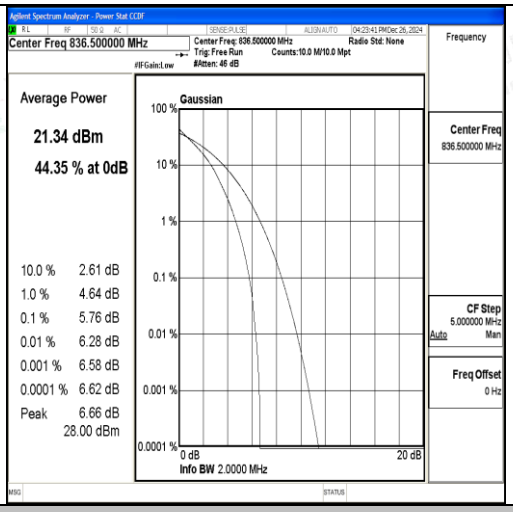
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



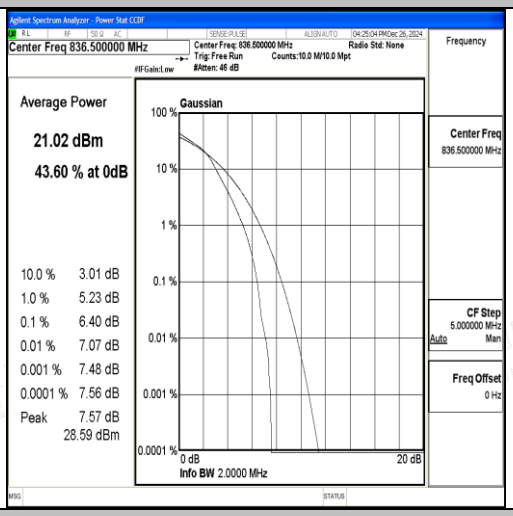
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



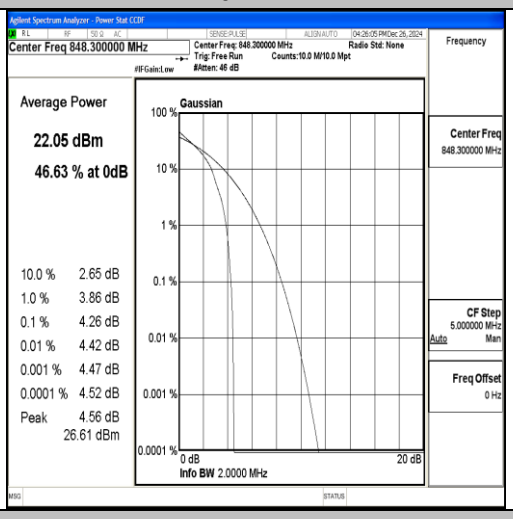
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



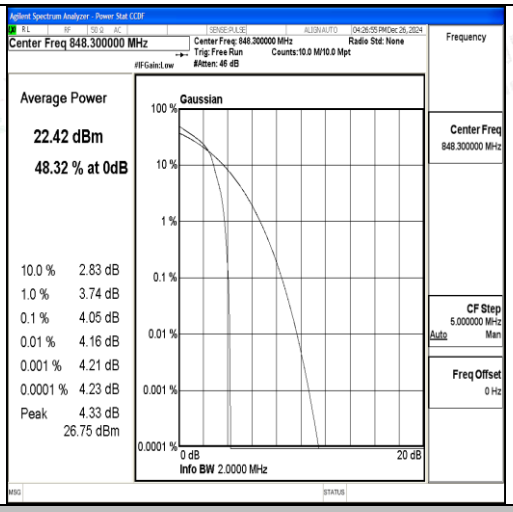
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



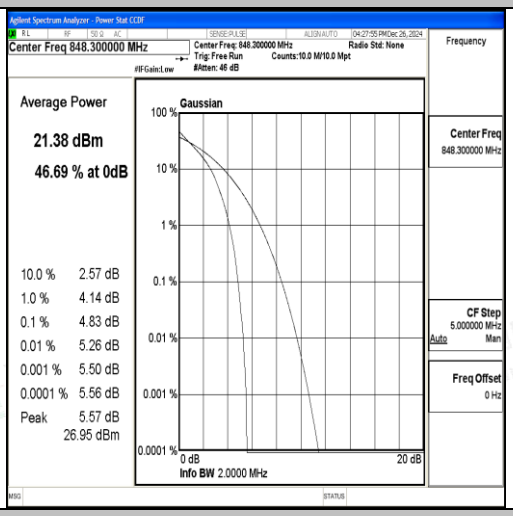
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



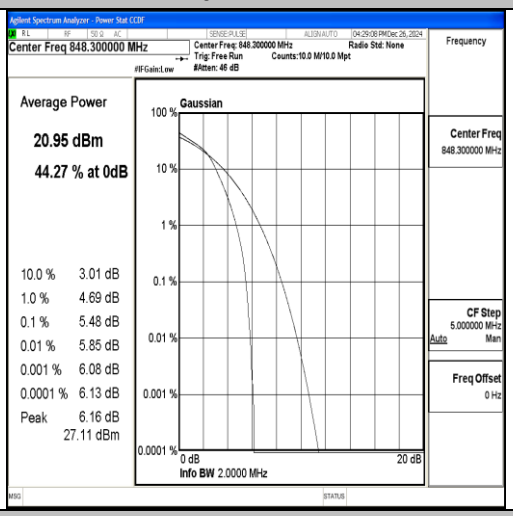
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



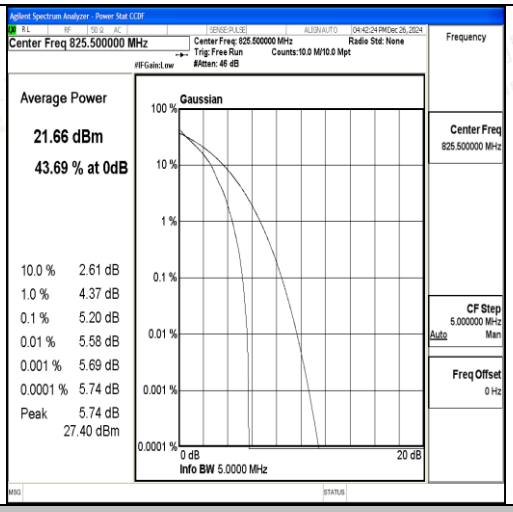
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



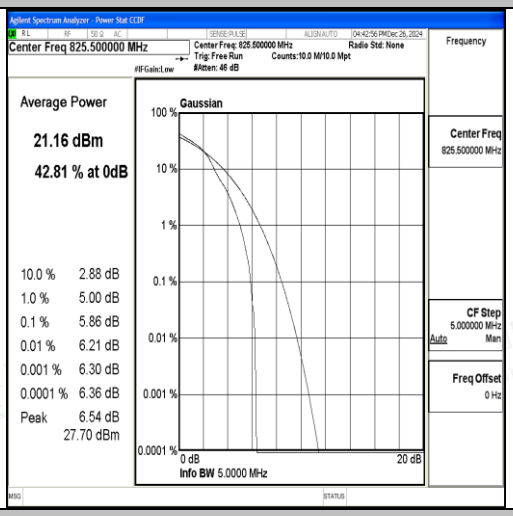
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



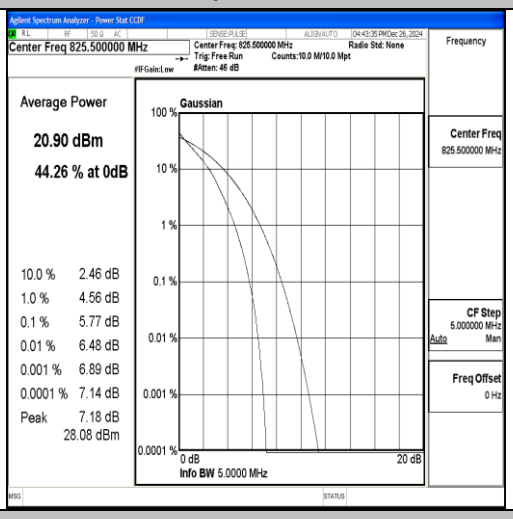
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



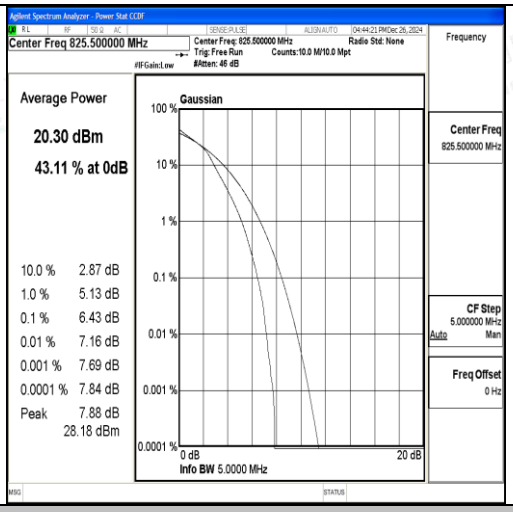
Band5-3MHz-QPSK-20415-1RB#0-PASS



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



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



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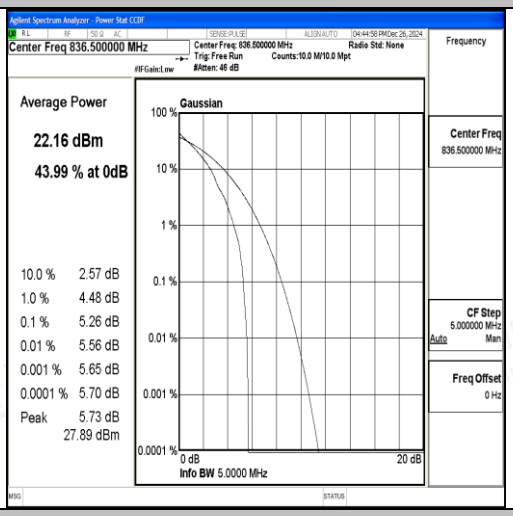
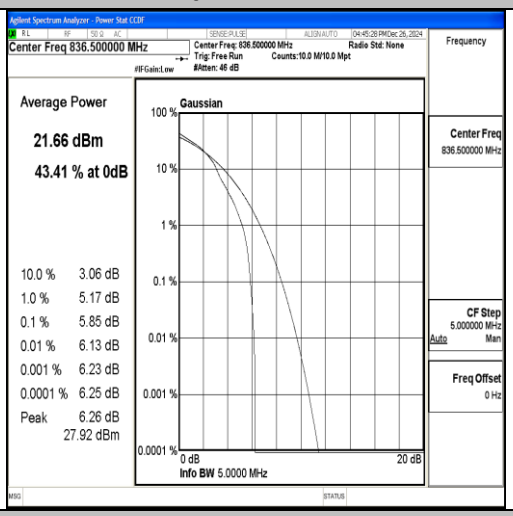


Band5-3MHz-QPSK-20525-1RB#0-PASS



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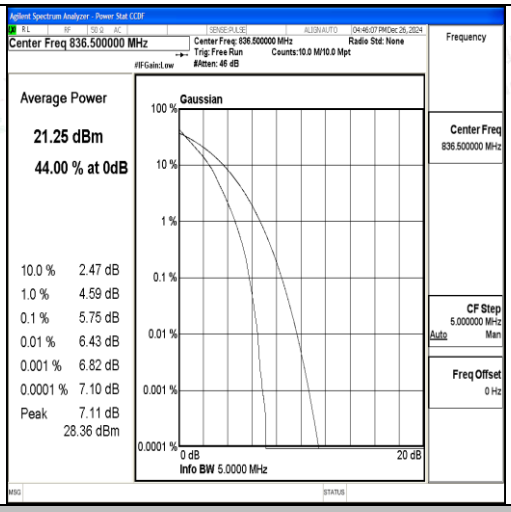

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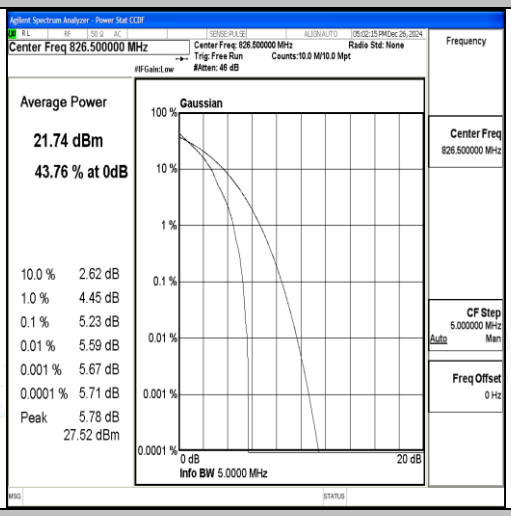
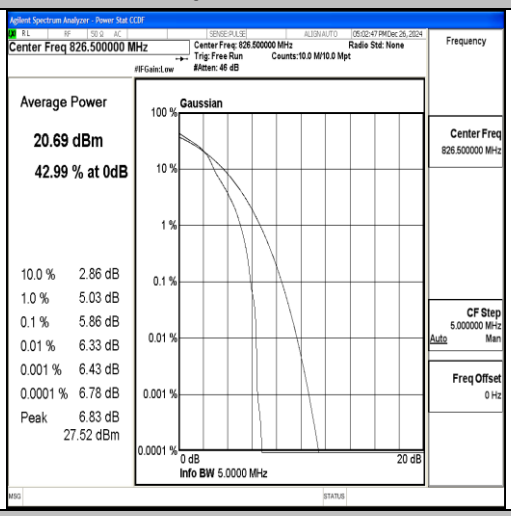


Band5-5MHz-QPSK-20425-1RB#0-PASS



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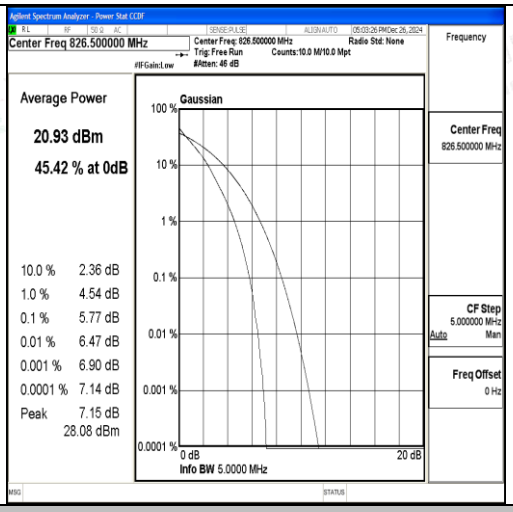

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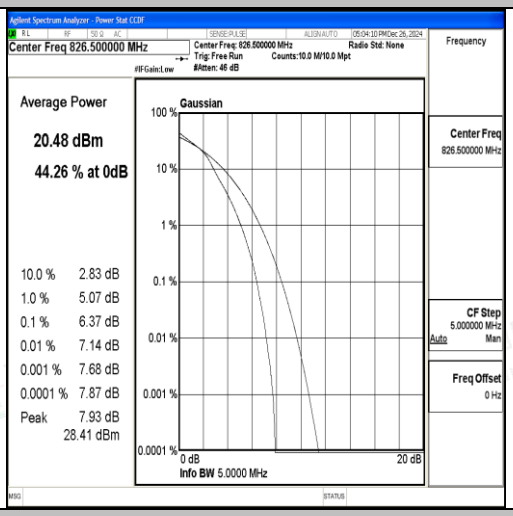

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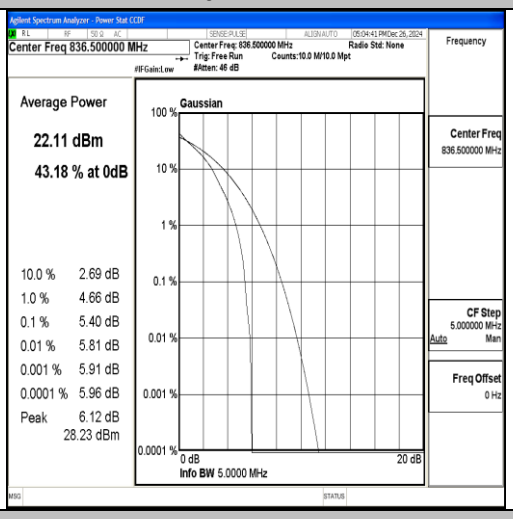

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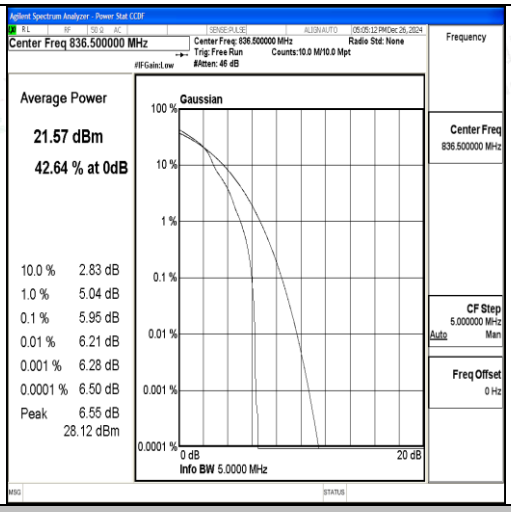

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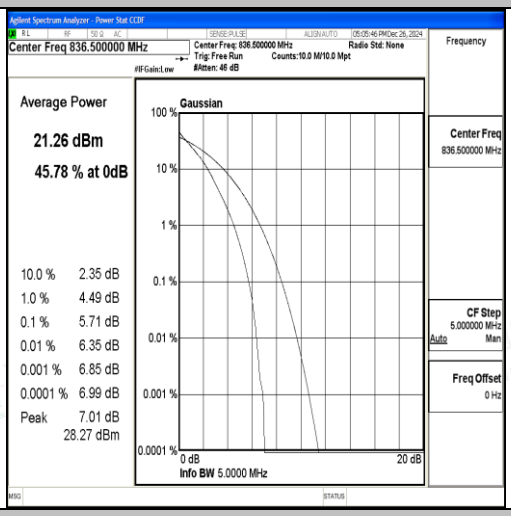

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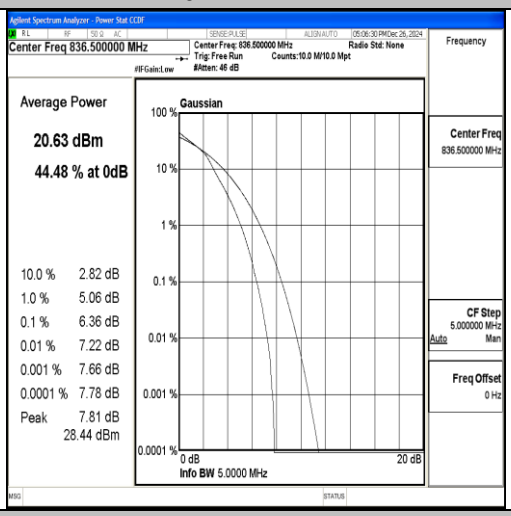

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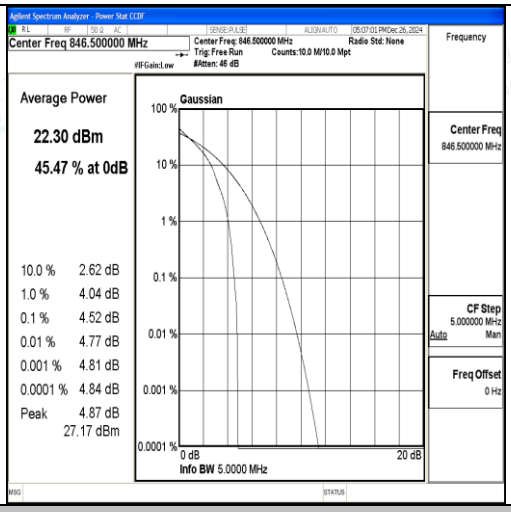
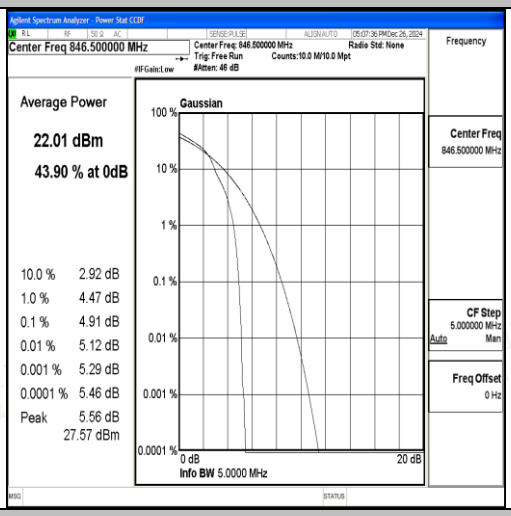
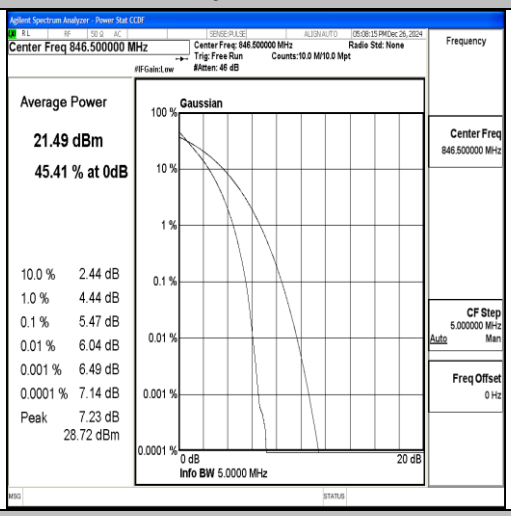


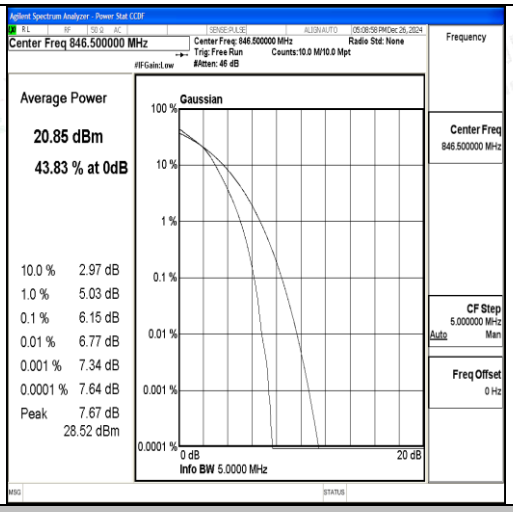
Band5-5MHz-QPSK-20625-1RB#0-PASS



Band5-5MHz-16QAM-20625-1RB#0-PASS



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



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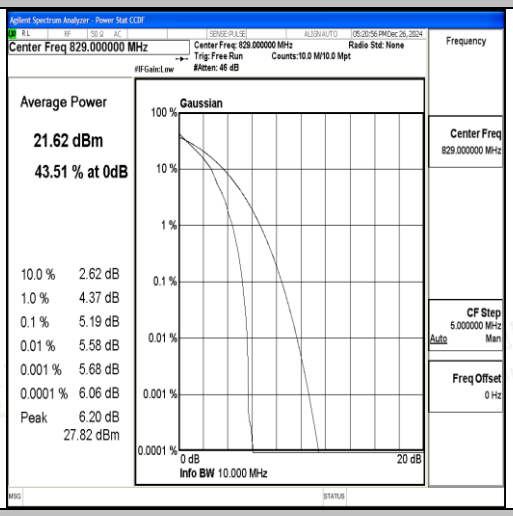
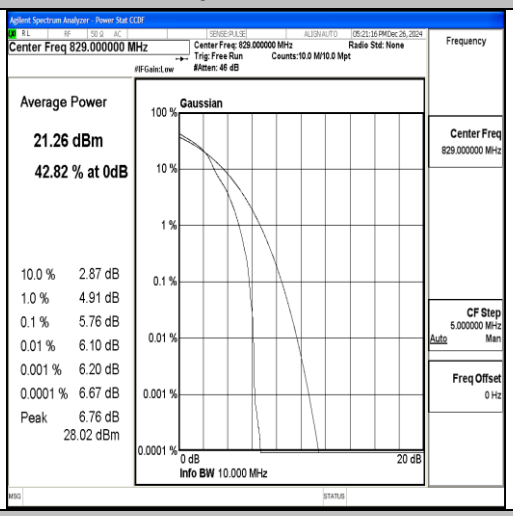


Band5-10MHz-QPSK-20450-1RB#0-PASS



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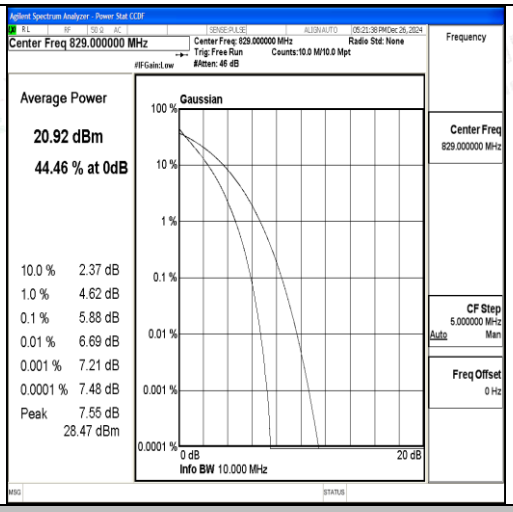

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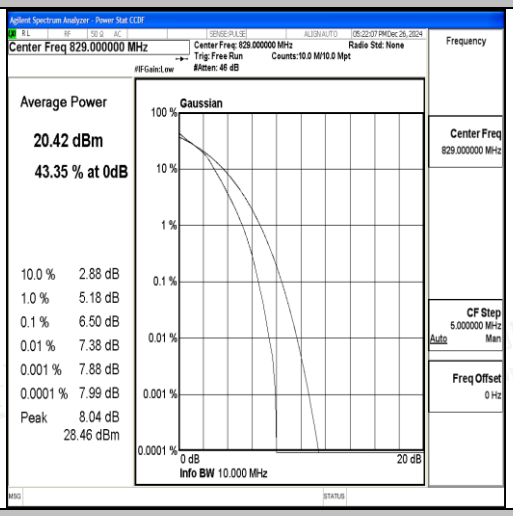

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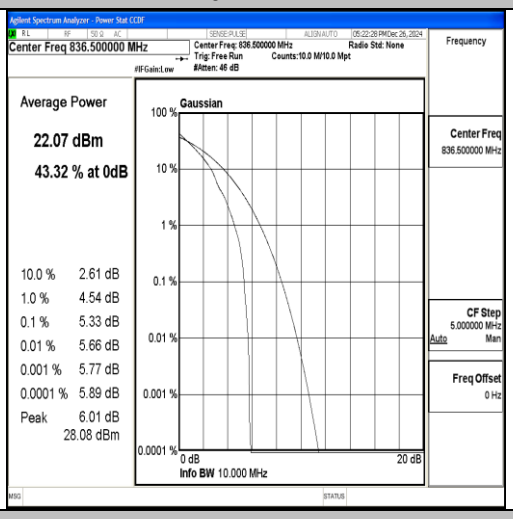

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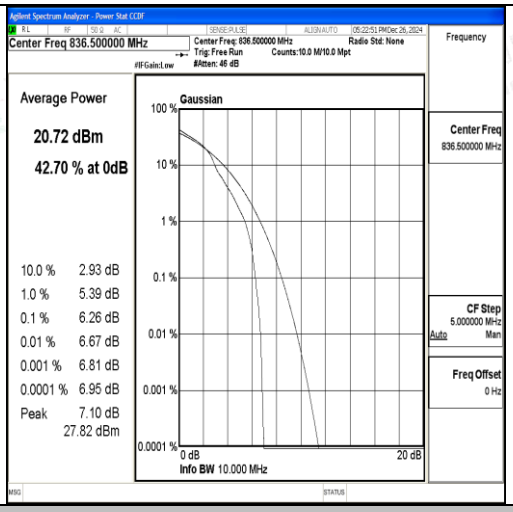

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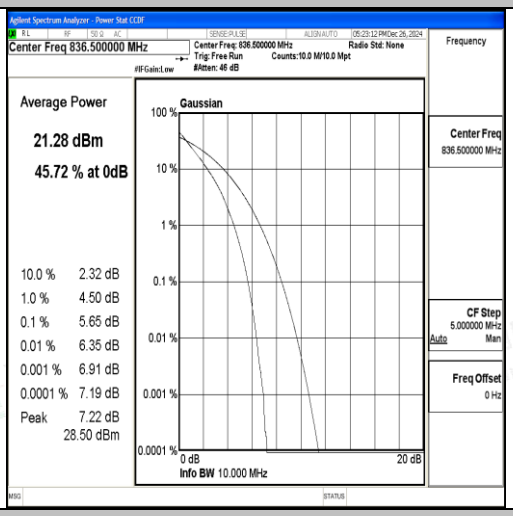

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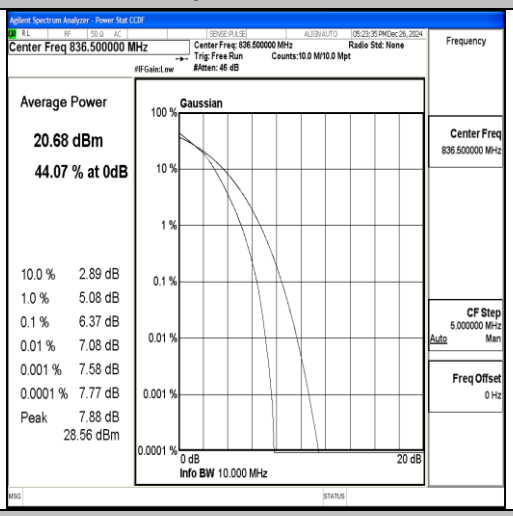

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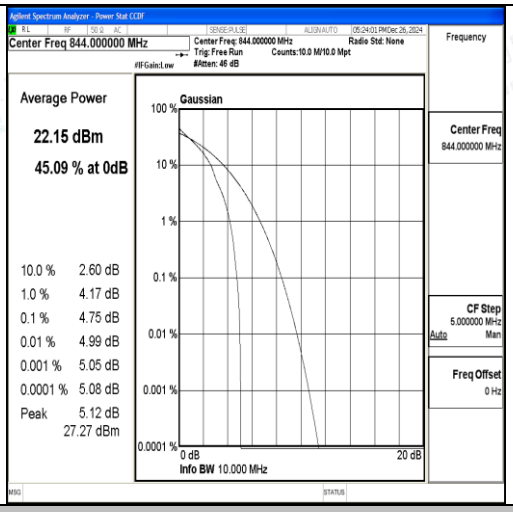

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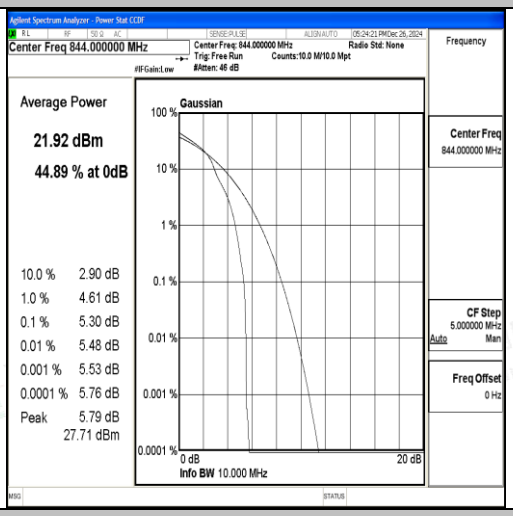

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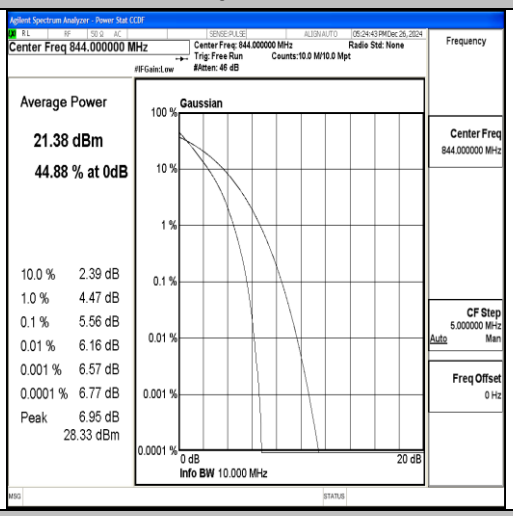
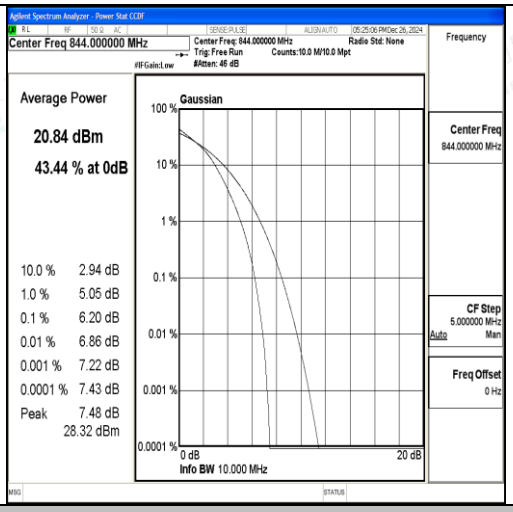


Band5-10MHz-QPSK-20600-50RB#0-PASS



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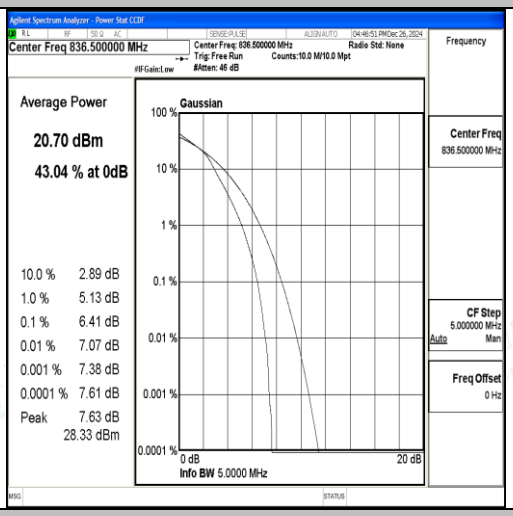
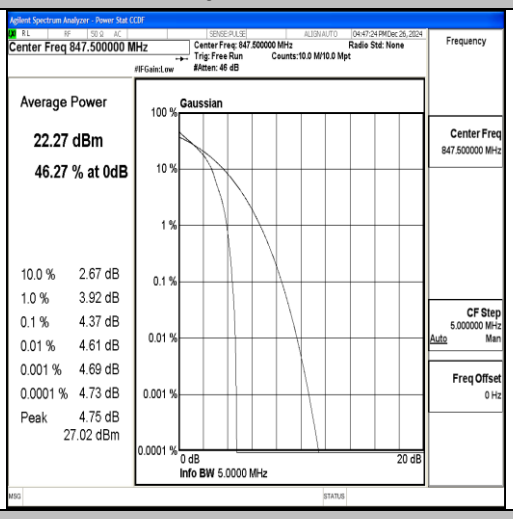


Band5-3MHz-16QAM-20525-15RB#0-PASS



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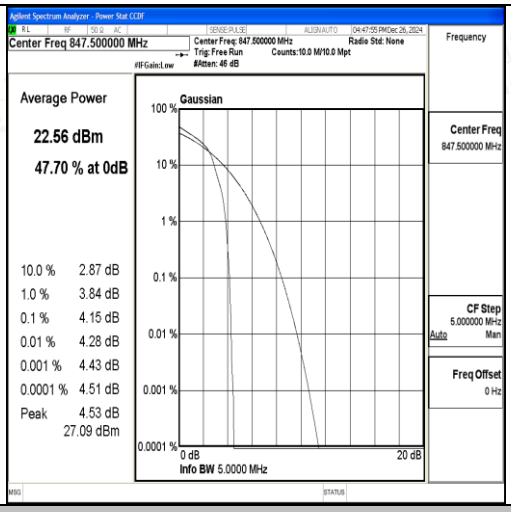
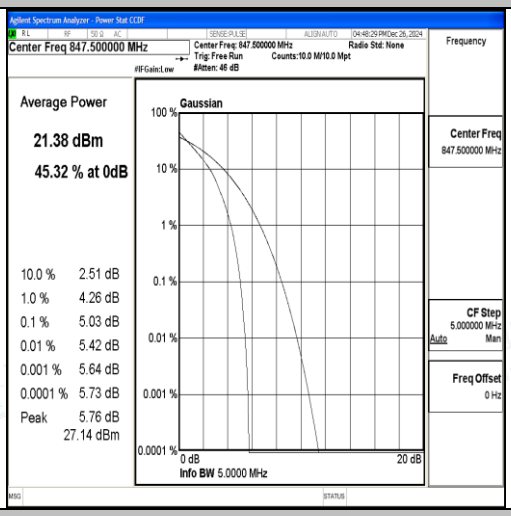


Band5-3MHz-16QAM-20635-1RB#0-PASS



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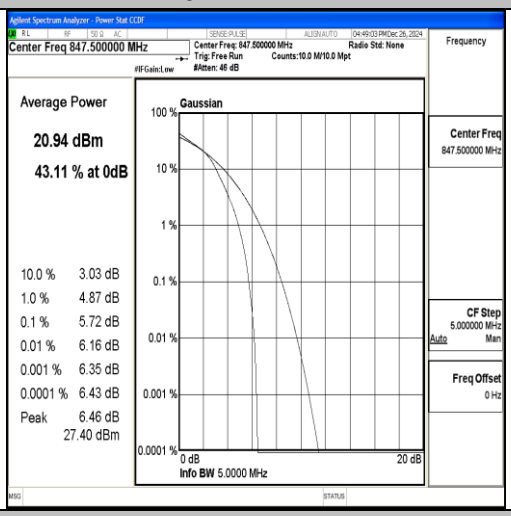


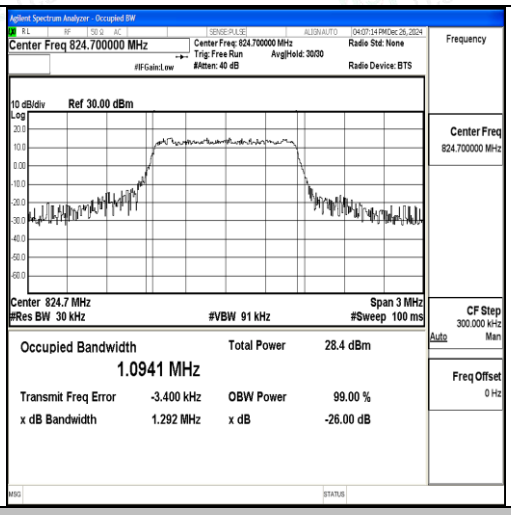
Band5-3MHz-16QAM-20635-15RB#0-PASS

J.3 26dB Bandwidth and Occupied Bandwidth

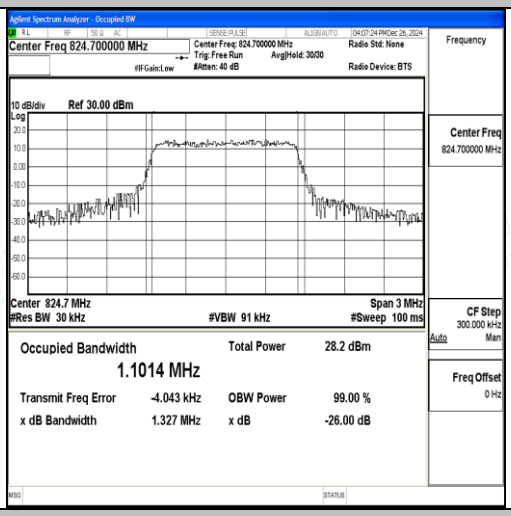
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0941	1.292	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1014	1.327	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1010	1.326	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5199	5.345	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5160	5.252	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5194	5.391	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5223	5.265	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5579	5.474	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0059	10.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0003	10.05	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9849	10.19	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0066	10.23	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9940	10.04	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0022	10.05	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0972	1.373	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0955	1.274	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0942	1.389	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7754	3.426	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7541	3.283	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7603	3.436	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7624	3.462	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7794	3.211	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7564	3.463	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5102	5.382	PASS

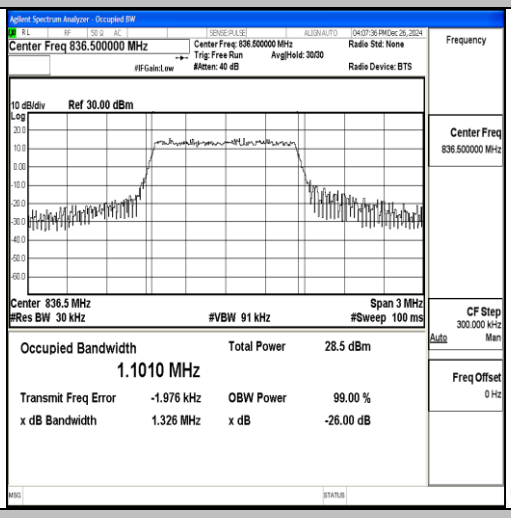
Test Graphs



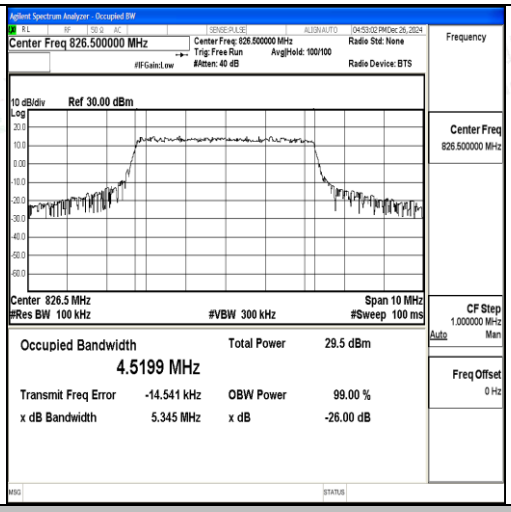
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



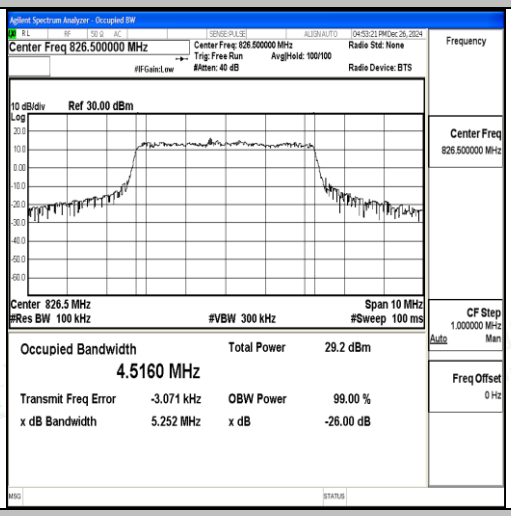
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



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



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



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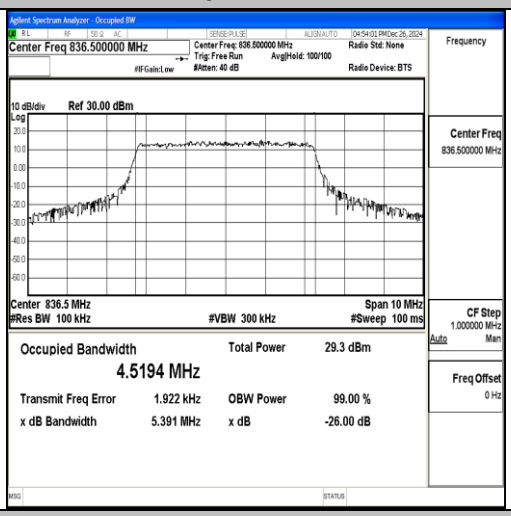

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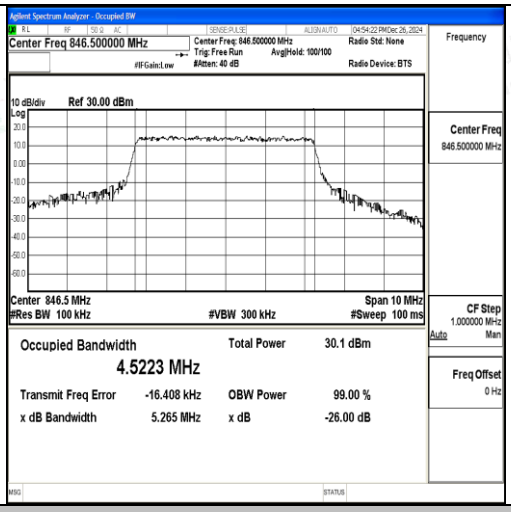
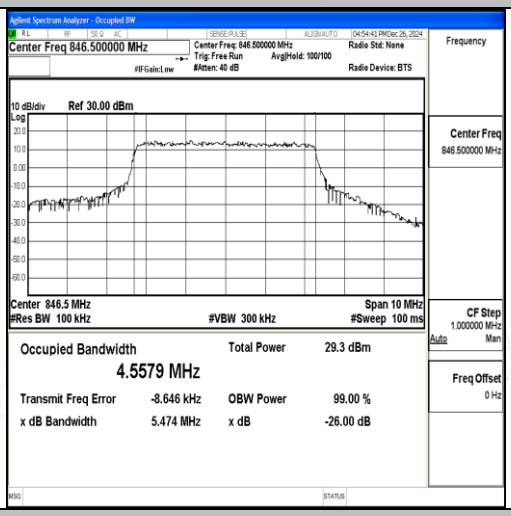
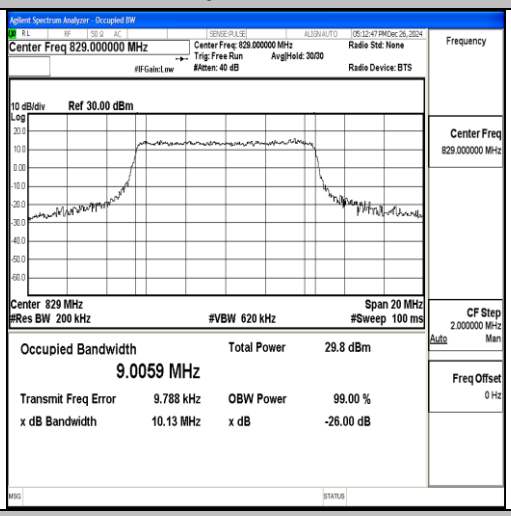


Band5-5MHz-QPSK-20625-25RB#0-PASS



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



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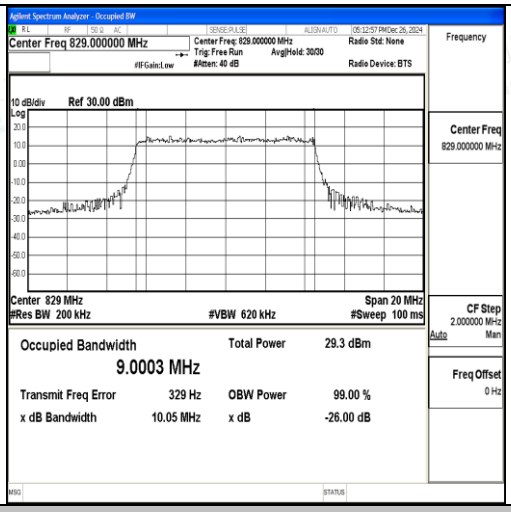
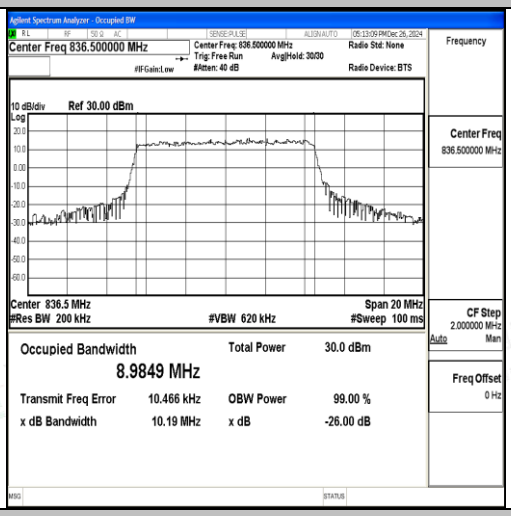
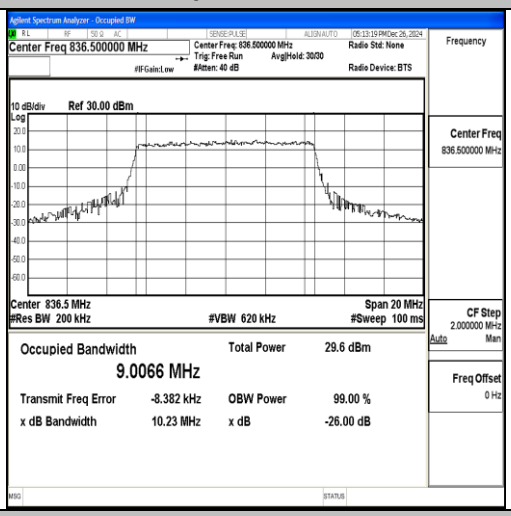


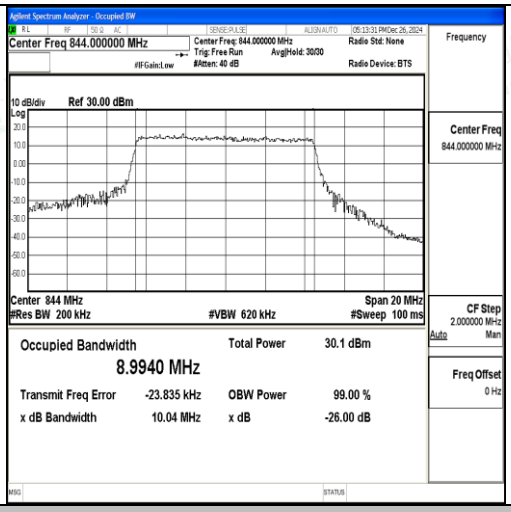
Band5-10MHz-16QAM-20450-50RB#0-PASS



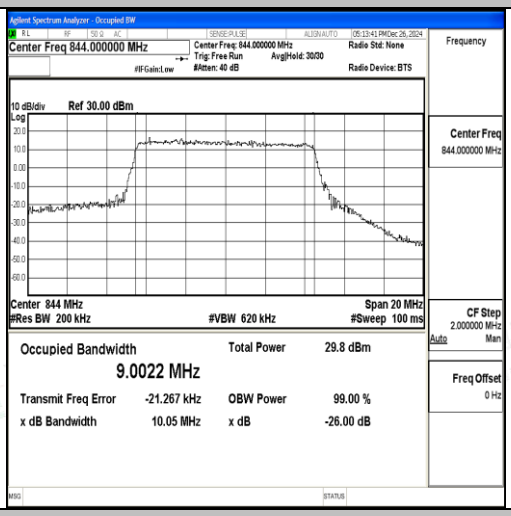
Band5-10MHz-QPSK-20525-50RB#0-PASS



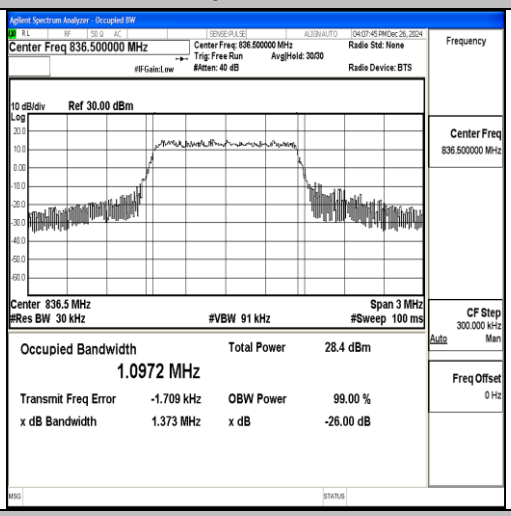
Band5-10MHz-16QAM-20525-50RB#0-PASS



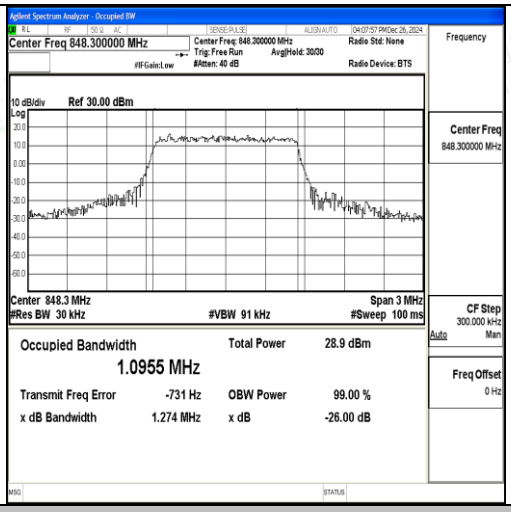
Band5-10MHz-QPSK-20600-50RB#0-PASS



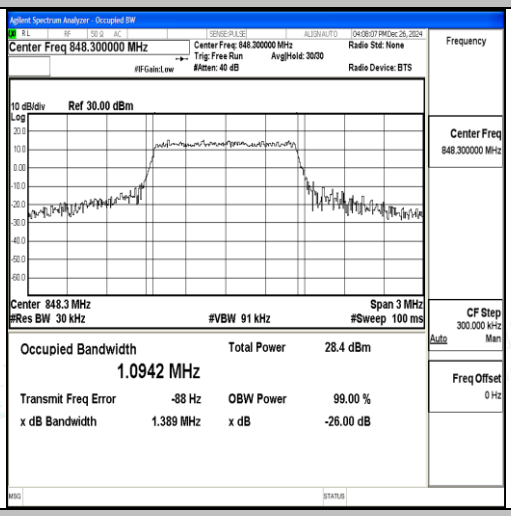
Band5-10MHz-16QAM-20600-50RB#0-PASS



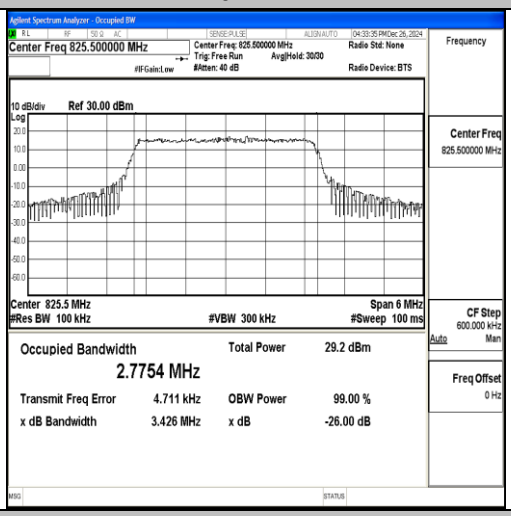
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



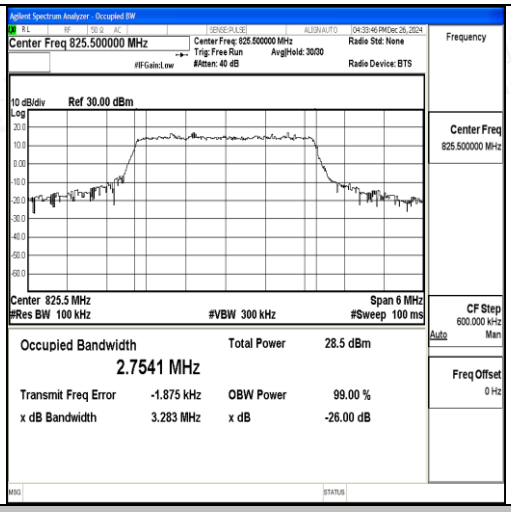
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



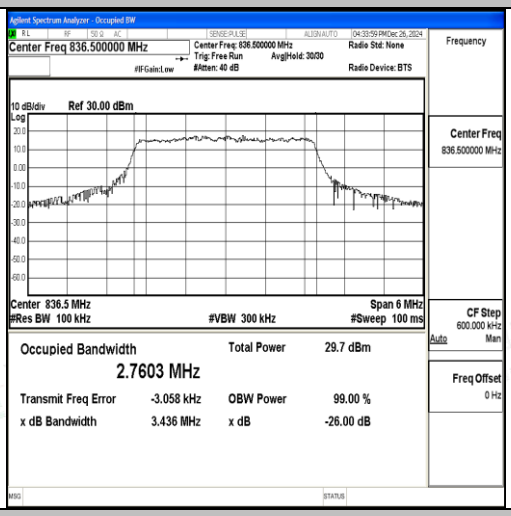
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



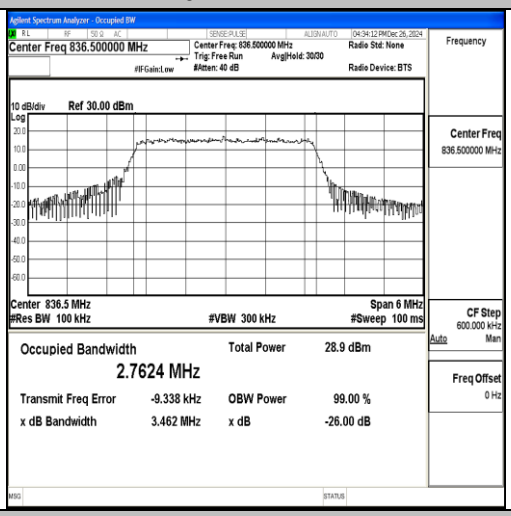
Band5-3MHz-QPSK-20415-15RB#0-PASS



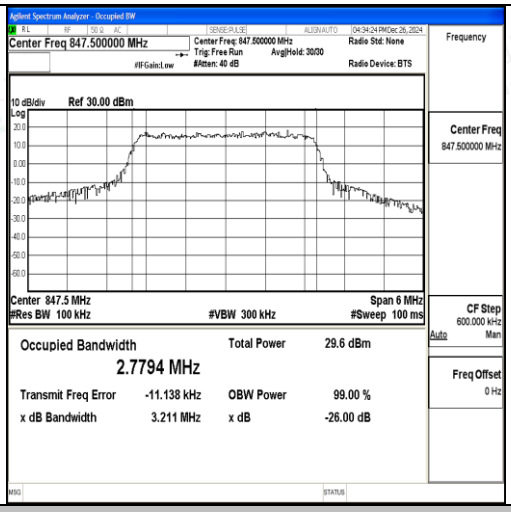
Band5-3MHz-16QAM-20415-15RB#0-PASS



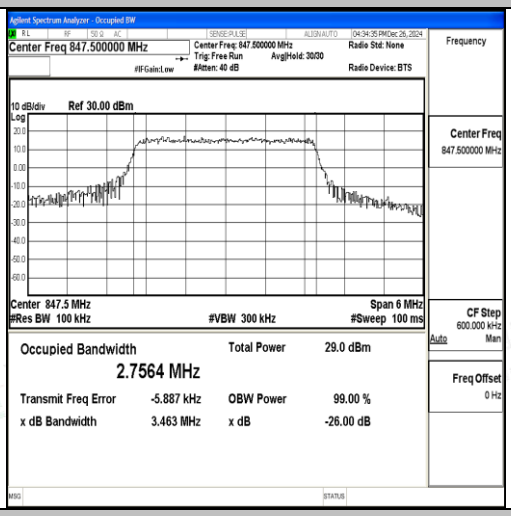
Band5-3MHz-QPSK-20525-15RB#0-PASS



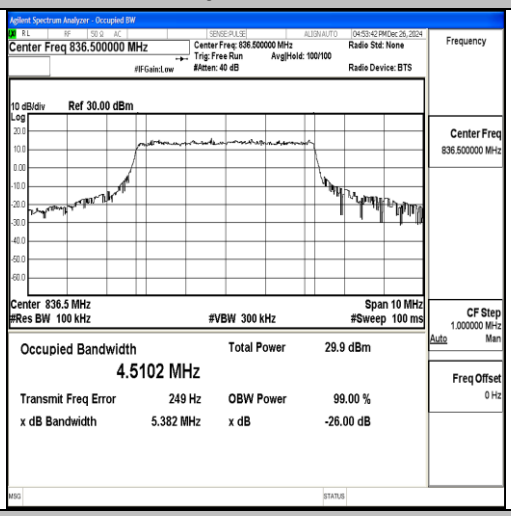
Band5-3MHz-16QAM-20525-15RB#0-PASS



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



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



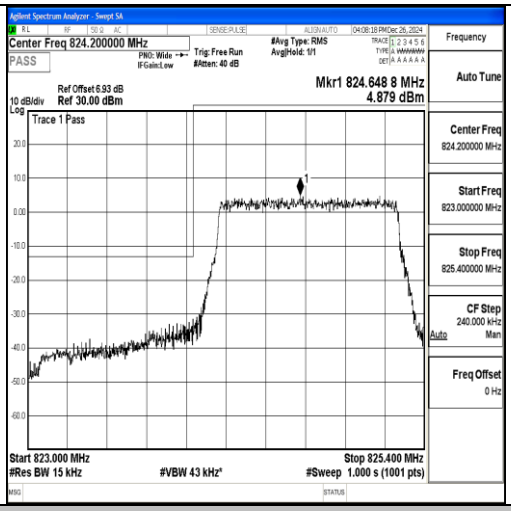
Band5-5MHz-QPSK-20525-25RB#0-PASS

J.4 Band Edge

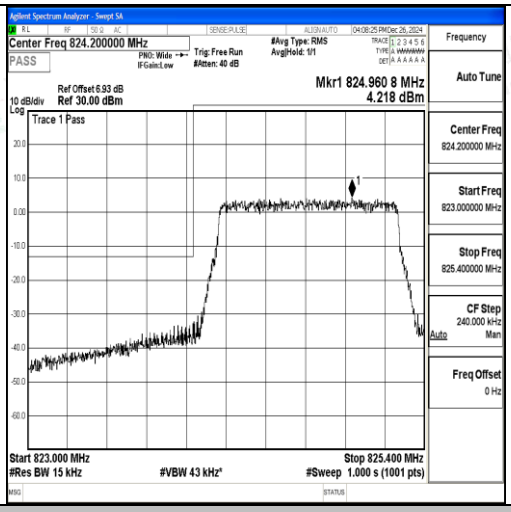
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.98	-32.34	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.91	-33.31	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.01	-29.24	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.02	-29.86	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.99	-24.91	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-26.35	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-26.04	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-26.47	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.98	-28.89	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.97	-31.56	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-29.48	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-29.31	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-32.41	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.97	-33.14	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.01	-33.52	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.10	-34.24	PASS

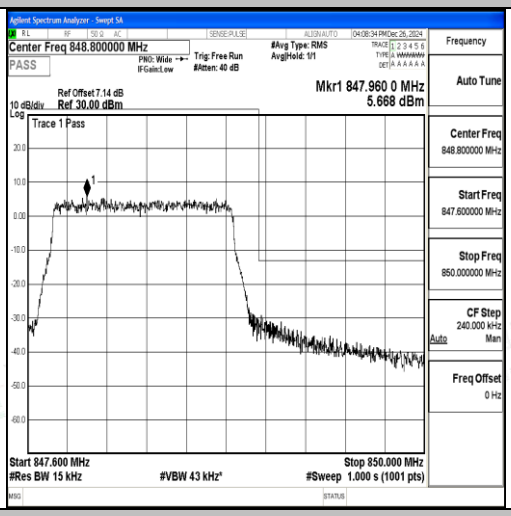
Test Graphs



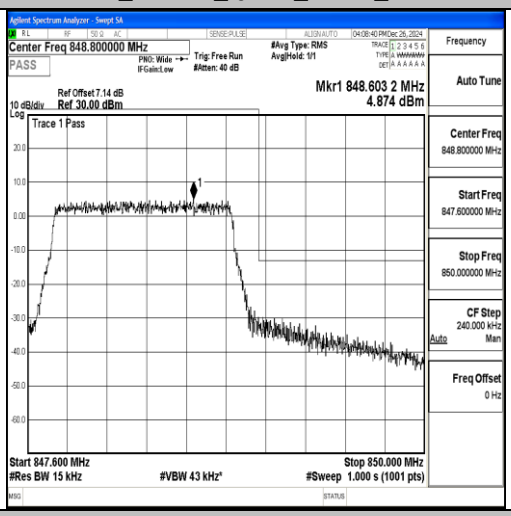
Band5_1.4MHz_QPSK_20407_6RB#0



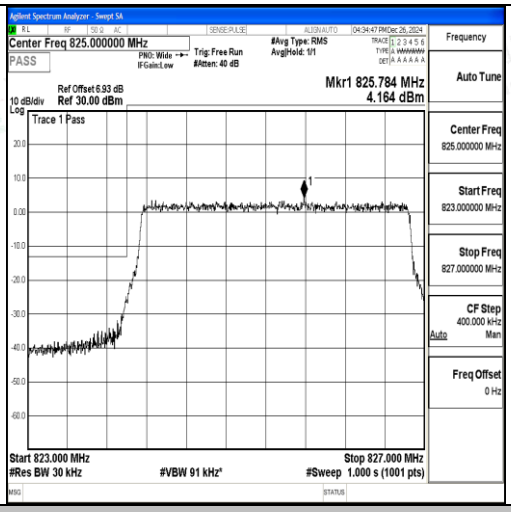
Band5_1.4MHz_16QAM_20407_6RB#0



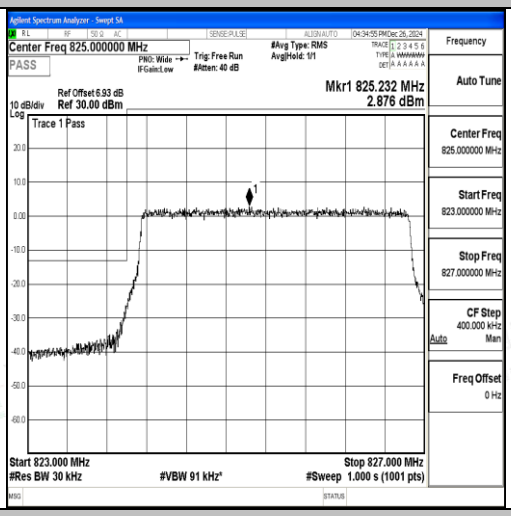
Band5_1.4MHz_QPSK_20643_6RB#0



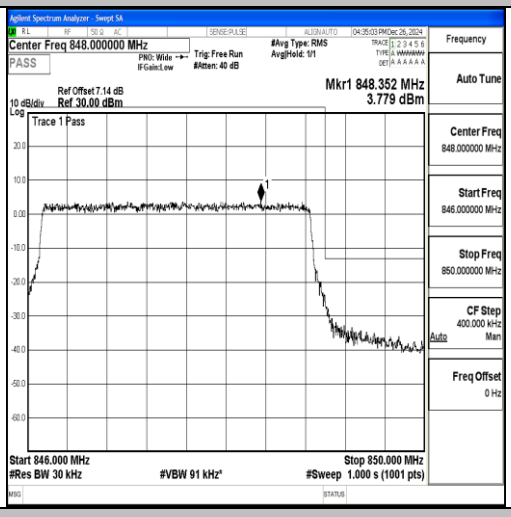
Band5_1.4MHz_16QAM_20643_6RB#0



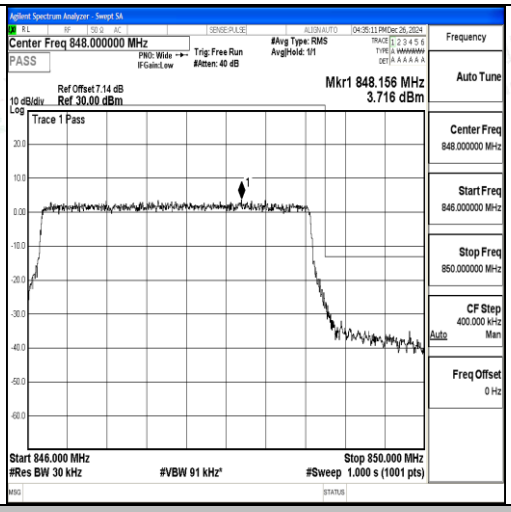
Band5_3MHz_QPSK_20415_15RB#0



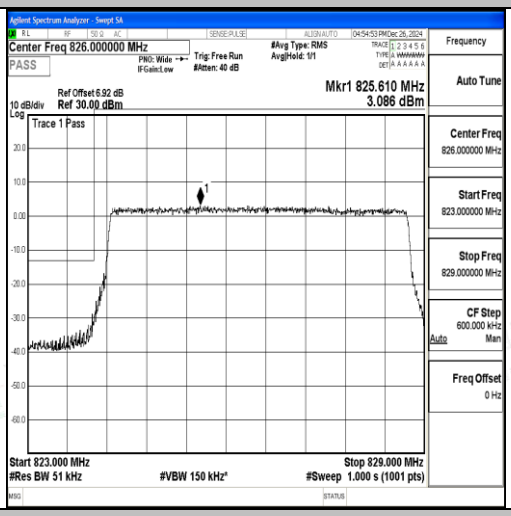
Band5_3MHz_16QAM_20415_15RB#0



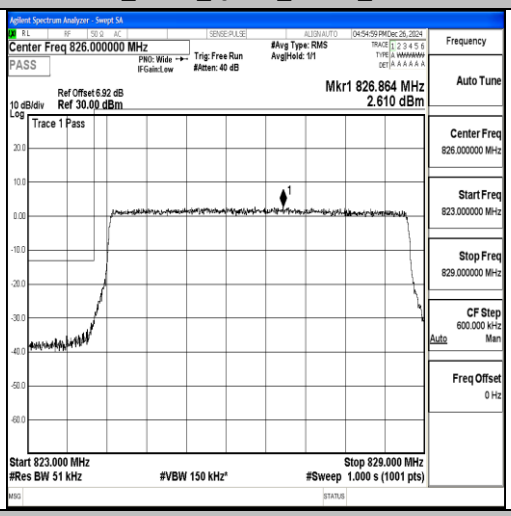
Band5_3MHz_QPSK_20635_15RB#0



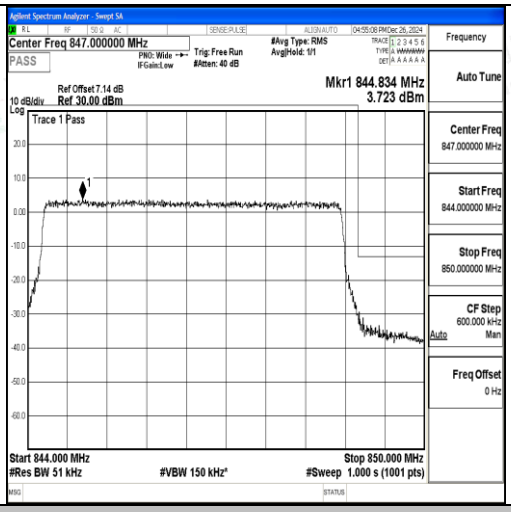
Band5_3MHz_16QAM_20635_15RB#0



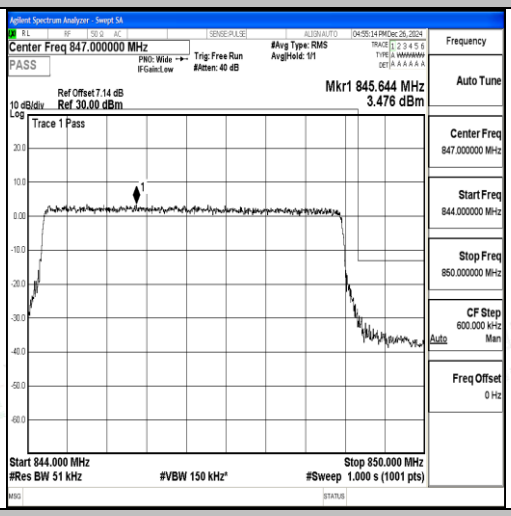
Band5_5MHz_QPSK_20425_25RB#0



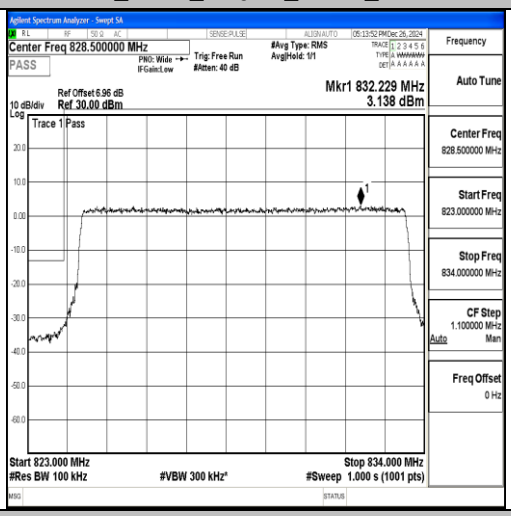
Band5_5MHz_16QAM_20425_25RB#0



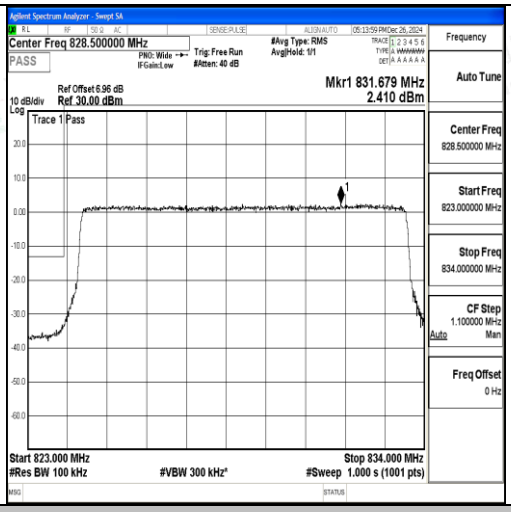
Band5_5MHz_QPSK_20625_25RB#0



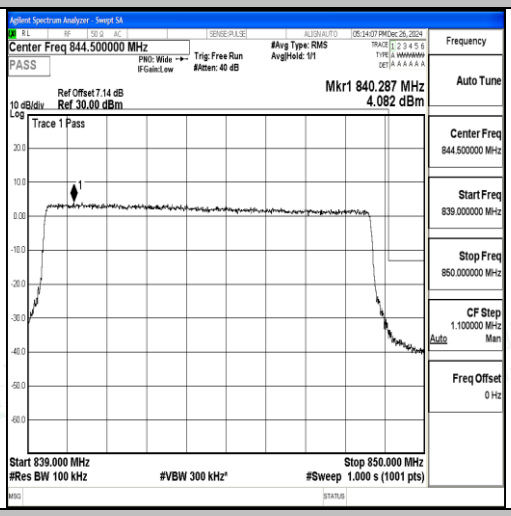
Band5_5MHz_16QAM_20625_25RB#0



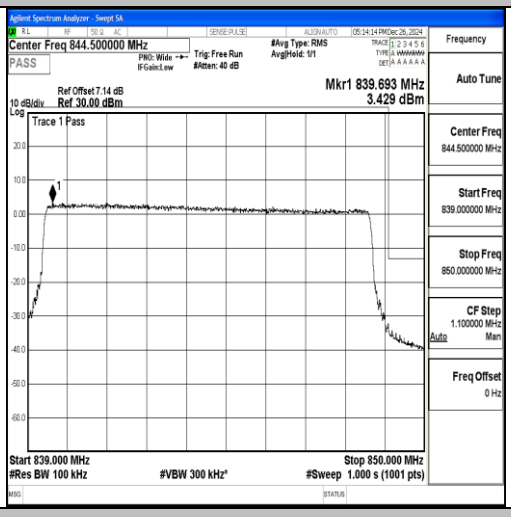
Band5_10MHz_QPSK_20450_50RB#0



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

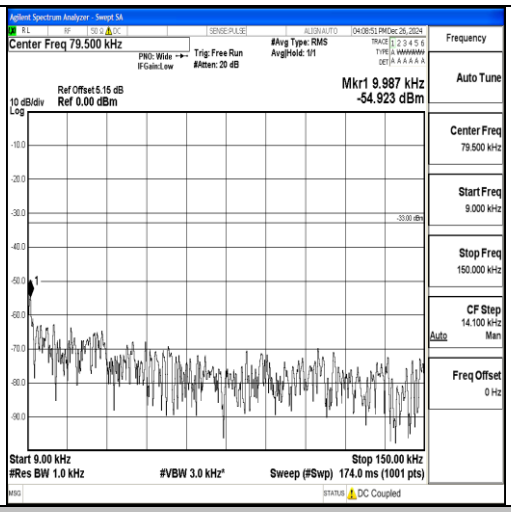
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-54.92	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.55	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-43.31	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-45.98	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-43.94	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.07	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-51.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-44.26	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-44.38	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.35	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-57.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-51.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-48.18	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-45.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.04	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-58.11	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-50.41	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-41.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-44.38	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.12	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-57.98	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-52.16	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-45.75	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-41.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.20	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-52.02	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-48.92	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-40.73	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-43.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.78	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-49.89	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-52.16	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-44.64	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.27	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-55.75	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.30	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-49.03	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-44.34	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.00	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-57.04	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-52.21	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-50.42	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-45.64	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.91	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-58.71	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-50.75	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-48.68	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-43.73	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.12	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-57.51	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-52.10	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-49.00	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-43.49	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.08	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-54.63	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-52.24	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-49.89	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-42.85	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.27	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-55.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.28	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-58.28	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-46.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.86	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-58.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-52.37	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-58.04	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-45.63	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.21	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-56.81	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.41	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-57.84	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-43.78	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.89	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-61.09	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-54.24	PASS

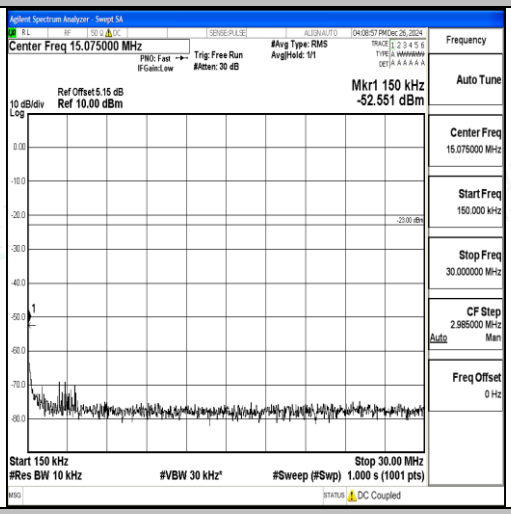
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-60.04	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-45.54	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.24	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.98	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-53.44	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-58.17	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-47.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-43.96	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-56.84	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.80	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-56.79	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-47.72	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.32	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-60.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-50.54	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.15	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-45.11	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.24	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-58.46	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.81	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.04	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-44.81	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.30	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-59.12	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.87	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.23	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-44.73	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-55.00	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-51.34	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.10	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-44.29	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.25	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-58.18	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-51.63	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.83	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-47.43	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.30	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-57.56	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-50.13	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.12	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-47.85	PASS

Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.19	PASS

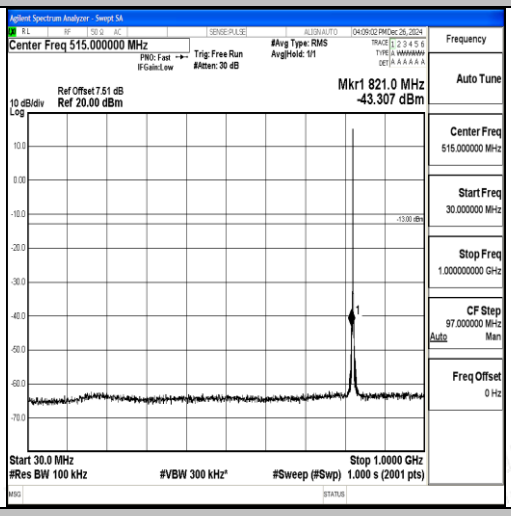
Test Graphs



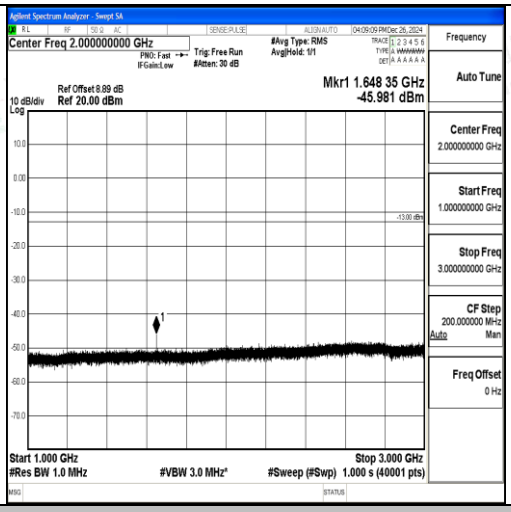
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



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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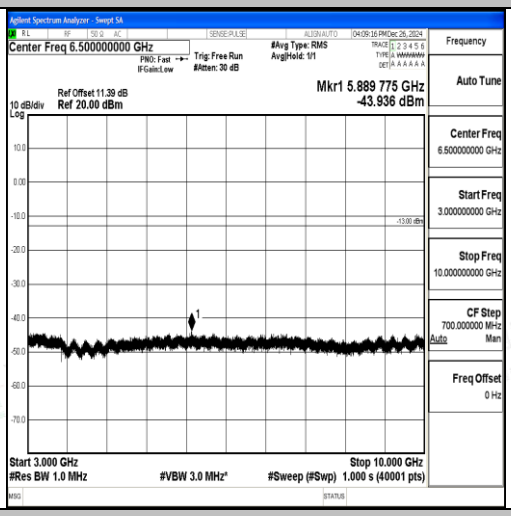
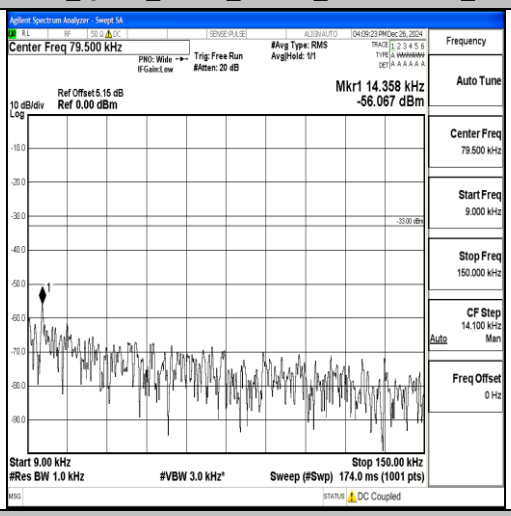
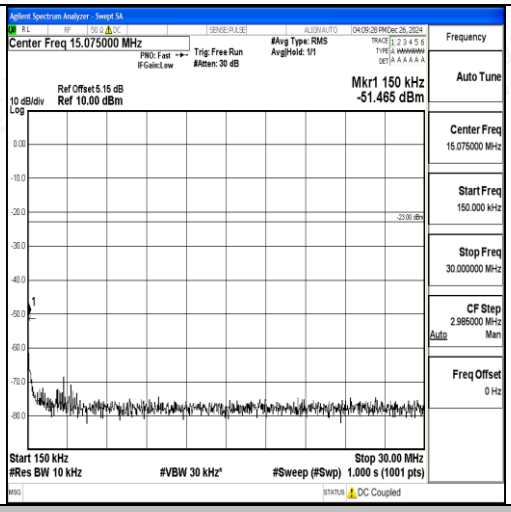


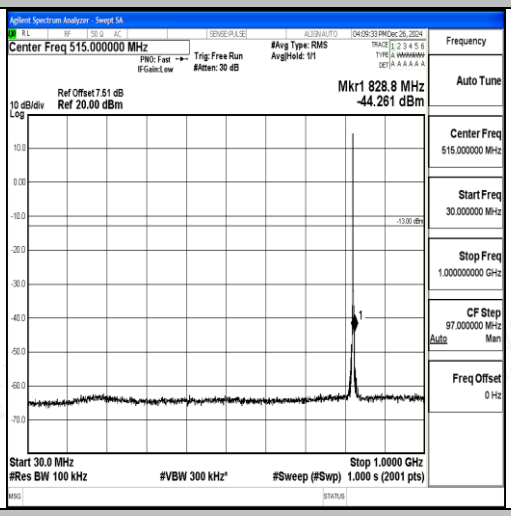
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



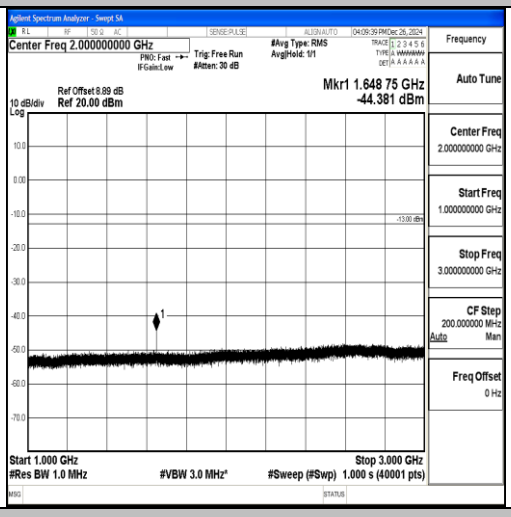
Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



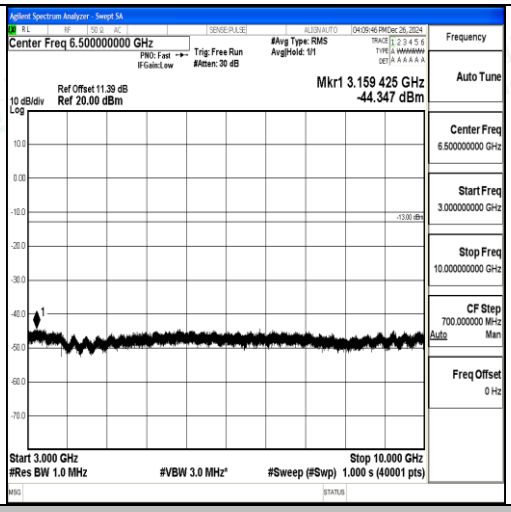
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



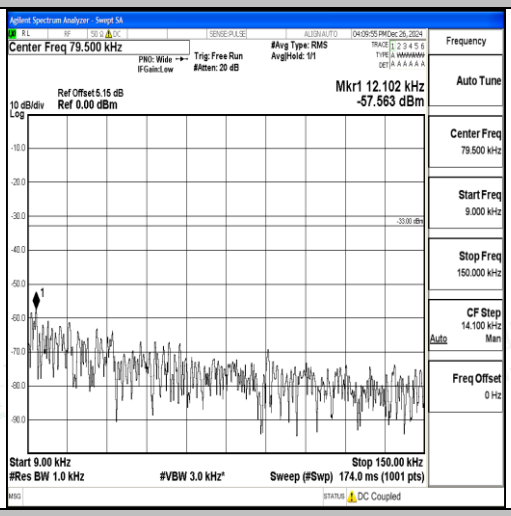
Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



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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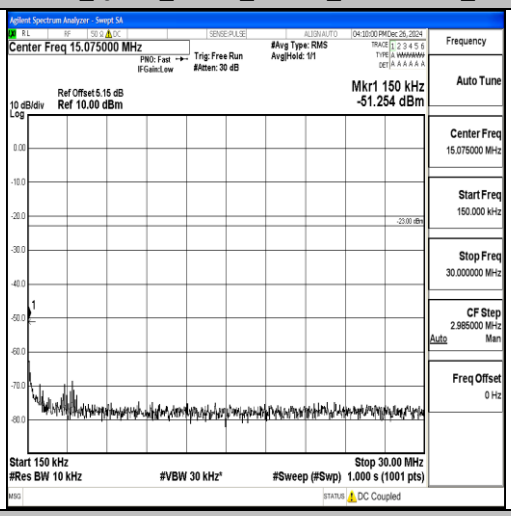
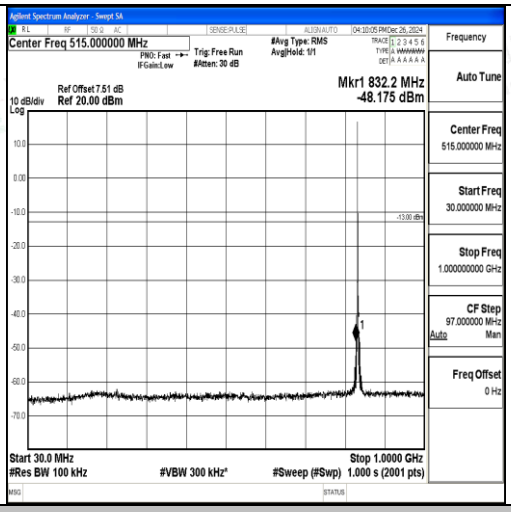
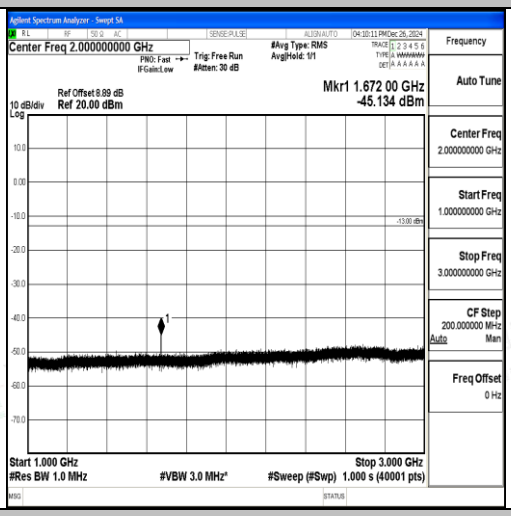


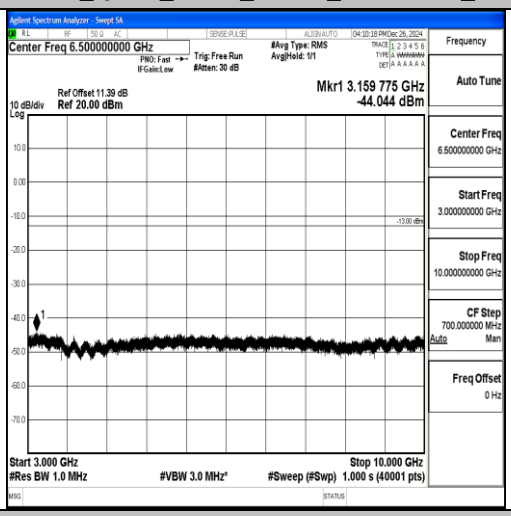
Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



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



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



Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000