Appendix H: Test Data for E-UTRA Band 5

Product Name: SMARTPHONE

Test Model: SP-7250

Environmental Conditions

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

H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.98	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.90	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.88	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.73	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.69	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.91	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.66	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.67	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.90	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.89	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.00	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	24.02	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	24.03	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.96	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.97	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.61	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.94	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.36	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.88	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.11	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.87	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.12	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.36	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.36	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.68	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.69	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.39	PASS

Band5	1.4MHz	16QAM	20643	3RB#0	22.81	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.41	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.83	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.95	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.75	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.51	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.90	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.52	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.95	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.61	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.94	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.46	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.17	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.76	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.21	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.62	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.22	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.67	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.96	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.67	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.40	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.70	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.48	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.66	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.46	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.75	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.38	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.80	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.39	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.89	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.86	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.22	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.54	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.64	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.40	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.44	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.61	PASS

Band5	3MHz	16QAM	20635	1RB#14	21.47	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.91	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.43	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.85	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.43	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.67	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.17	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.76	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.26	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.48	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.25	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.50	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.33	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.57	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.29	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.59	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.03	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.49	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.98	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.64	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.10	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.60	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.51	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.54	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.52	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.57	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.55	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.67	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.83	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.27	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.82	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.21	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.99	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.38	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.83	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.27	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.74	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.11	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.57	PASS

Band5	5MHz	16QAM	20625	1RB#12	23.01	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.15	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.84	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.98	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.27	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.04	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.68	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.25	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.94	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.43	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.41	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.06	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.44	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.06	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.62	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.06	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.68	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.04	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.66	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.04	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.63	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.32	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.77	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.10	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.65	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.14	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.76	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.29	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.83	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.35	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.79	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.46	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.73	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.38	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.87	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.41	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.84	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.31	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.76	PASS

Band5	10MHz	16QAM	20600	1RB#0	23.84	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.69	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.70	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.85	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.51	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.99	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.52	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.97	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.53	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.89	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.98	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.45	PASS

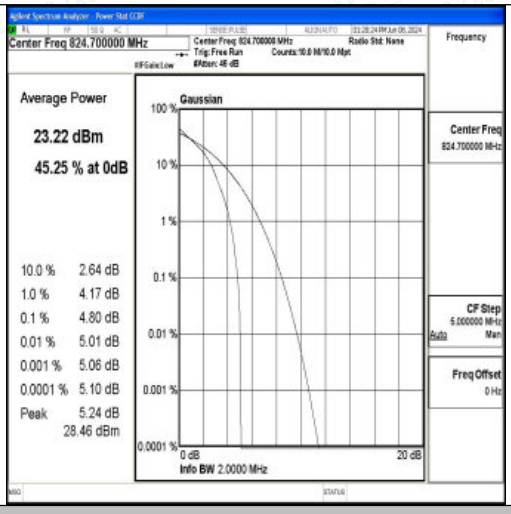
H.2 Peak-to-Average Ratio(CCDF)

Test Result

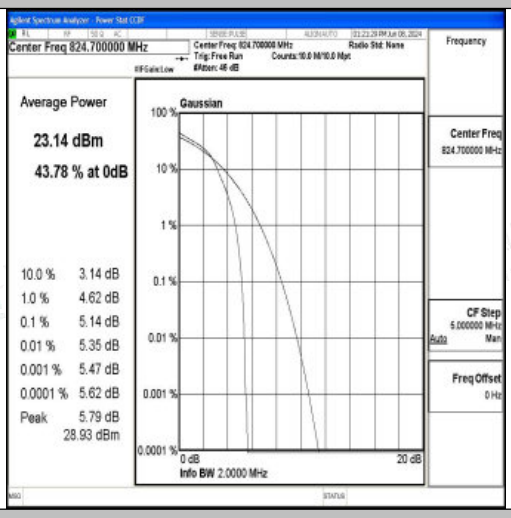
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.80	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.14	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.65	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.23	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.57	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.44	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.44	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.96	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.45	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.20	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.57	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.51	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.92	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.60	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.72	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.41	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.63	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.23	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.48	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.14	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.64	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.63	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.48	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.12	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.05	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.71	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.74	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.34	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.62	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.98	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.59	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.15	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.97	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.38	13	PASS

Band5	5MHz	QPSK	20625	25RB#0	5.17	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.75	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.01	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.56	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.62	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.29	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.68	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.19	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.25	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.59	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.73	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.26	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.92	13	PASS

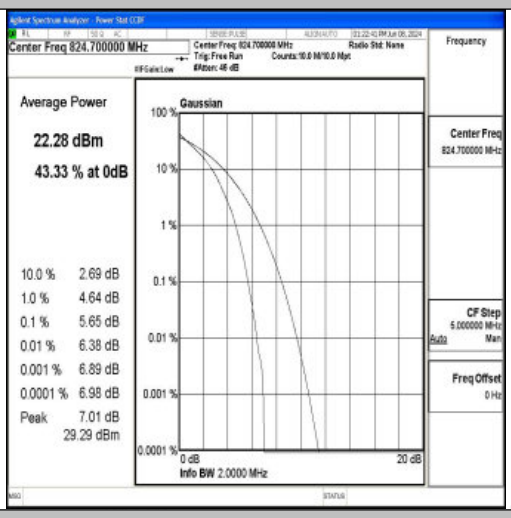
Test Graphs



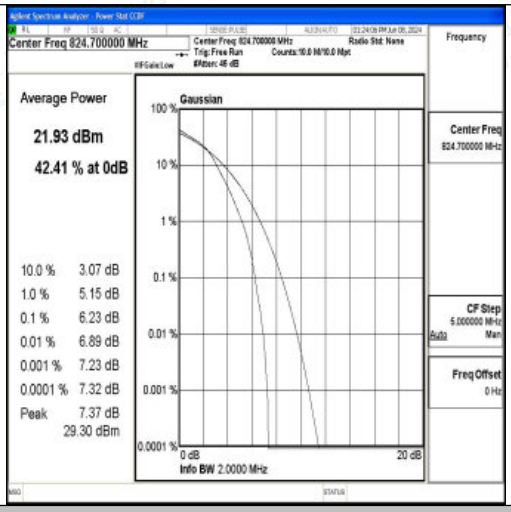
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



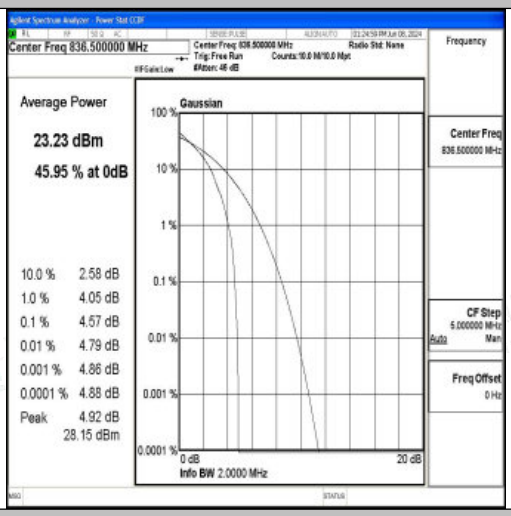
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



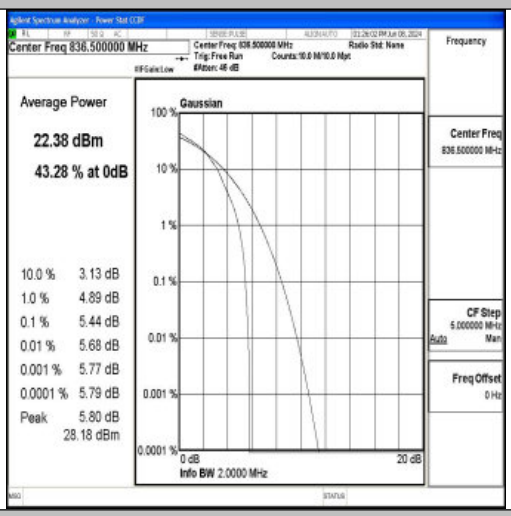
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



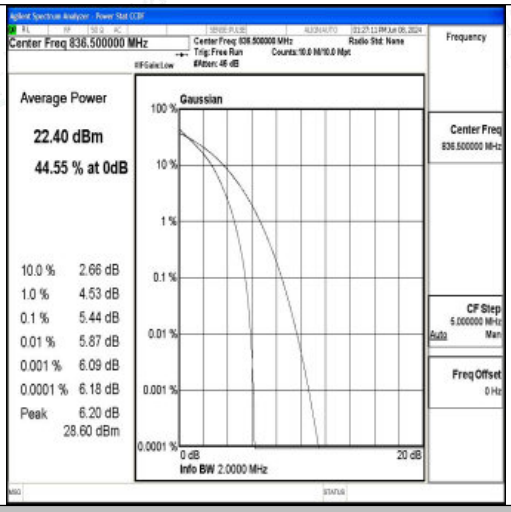
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



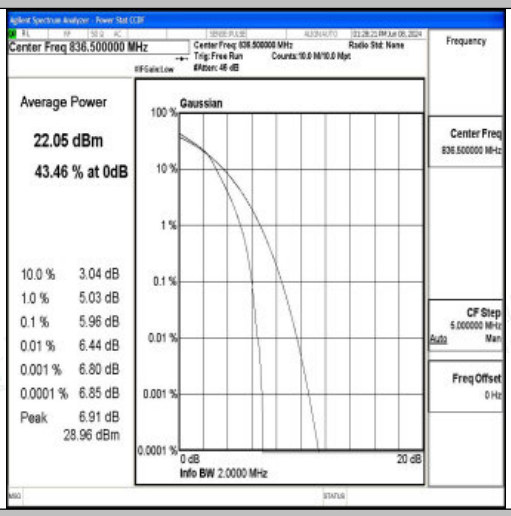
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



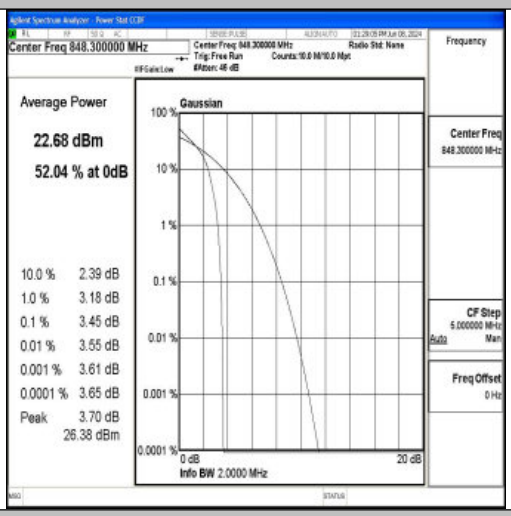
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



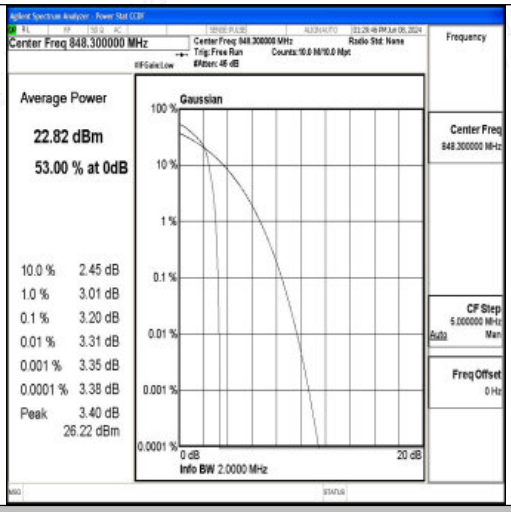
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



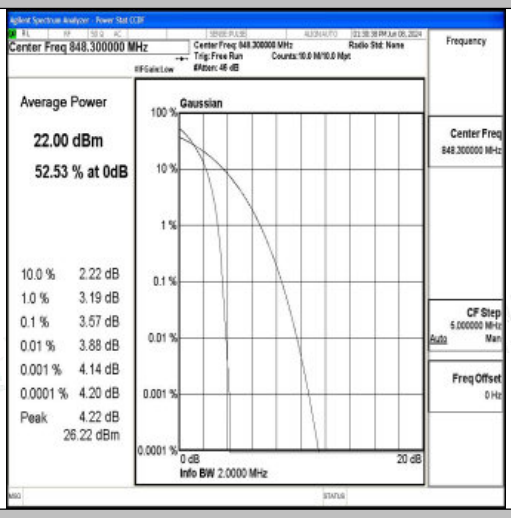
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



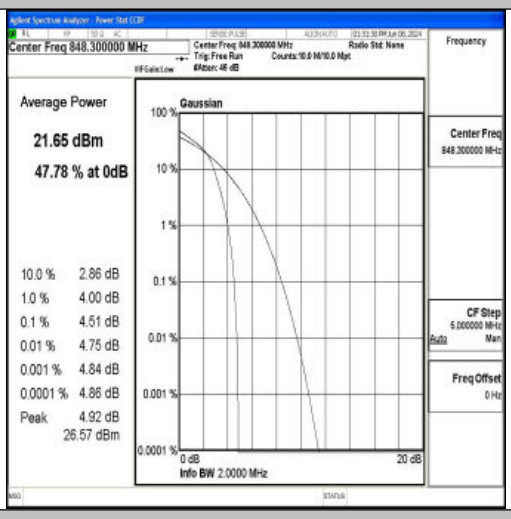
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



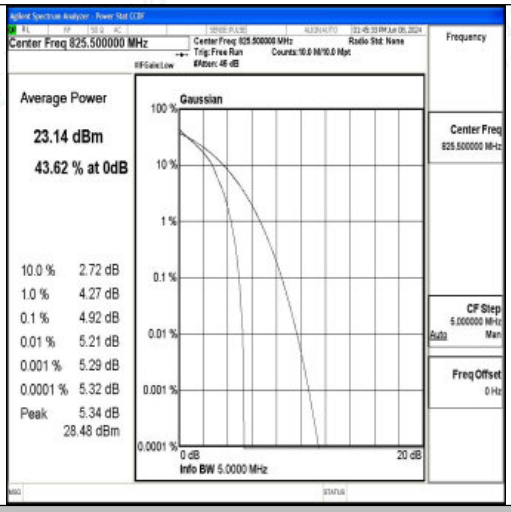
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



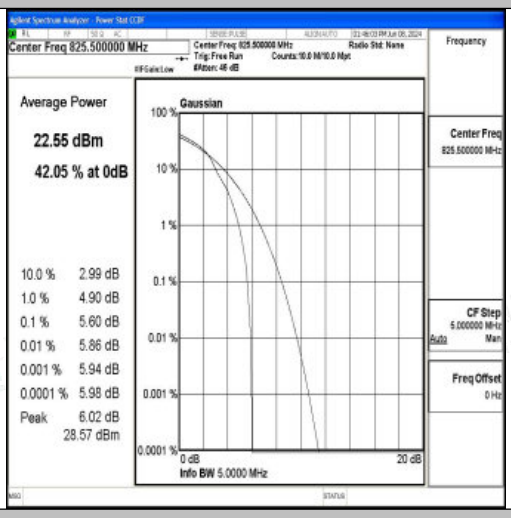
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



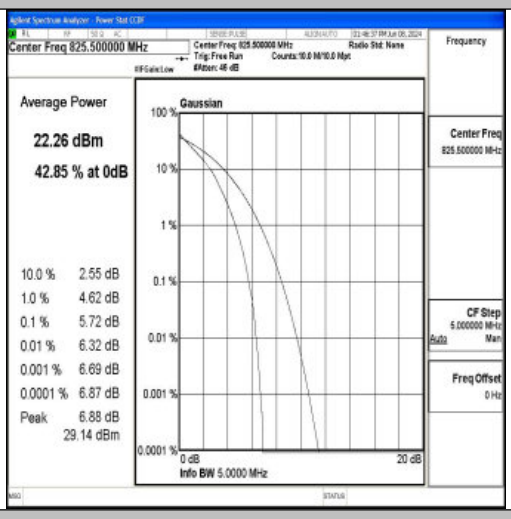
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



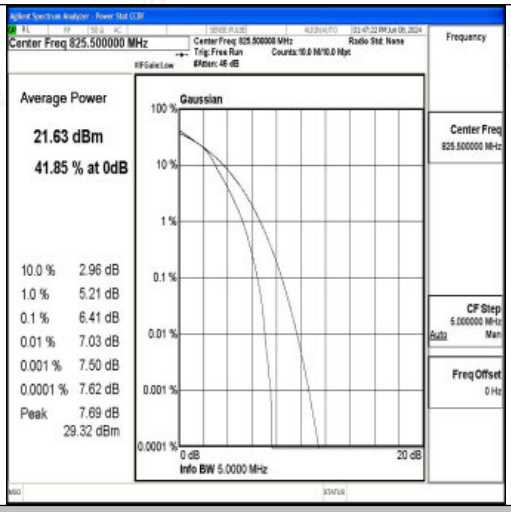
Band5-3MHz-QPSK-20415-1RB#0-PASS



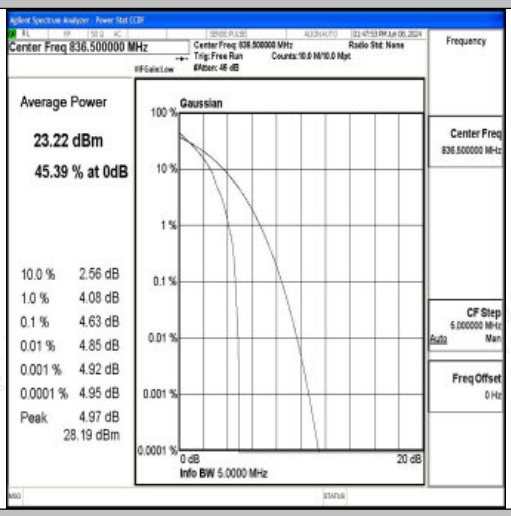
Band5-3MHz-16QAM-20415-1RB#0-PASS



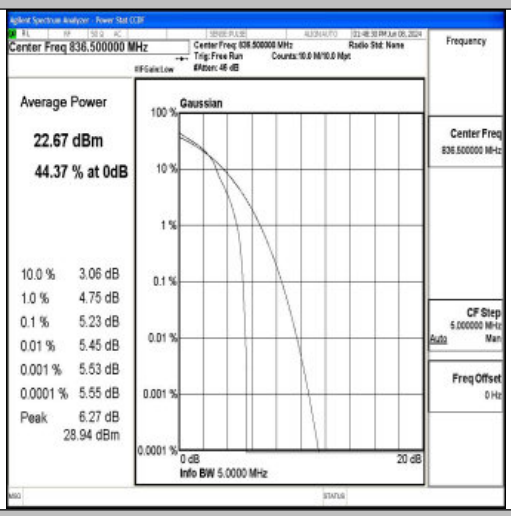
Band5-3MHz-QPSK-20415-15RB#0-PASS



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



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



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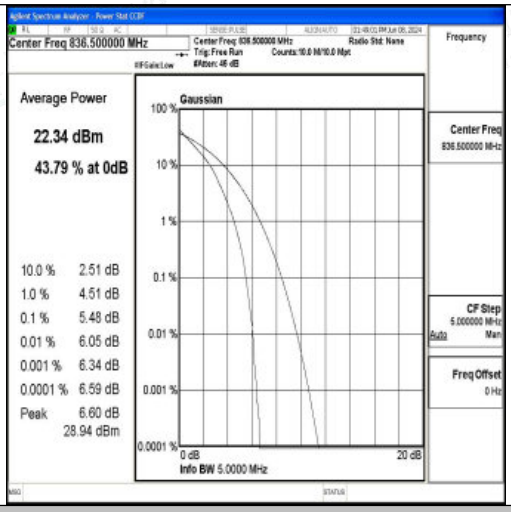

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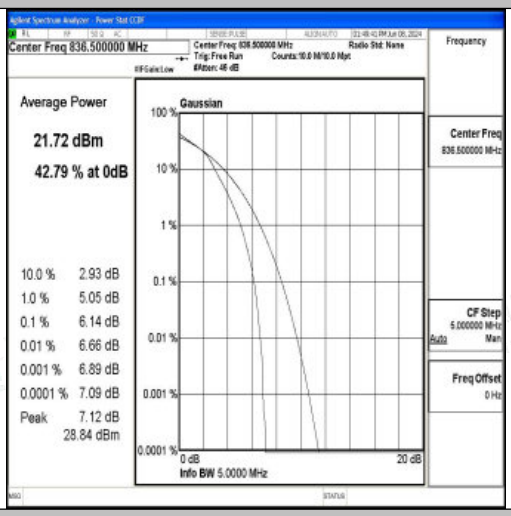
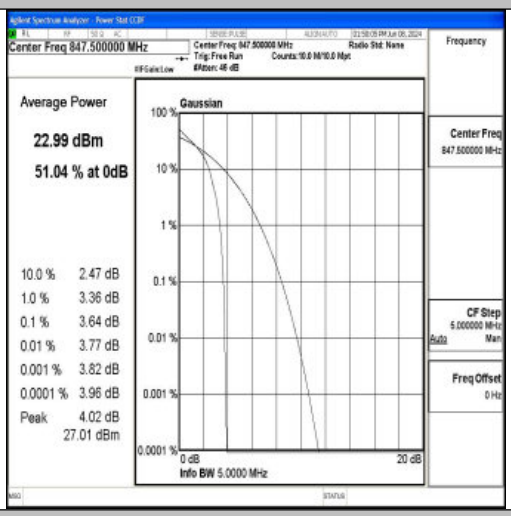
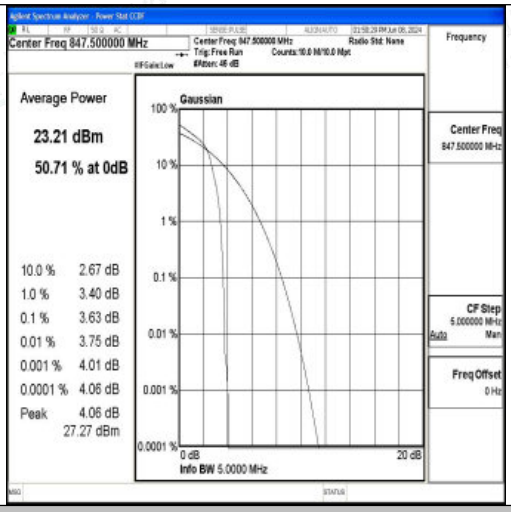


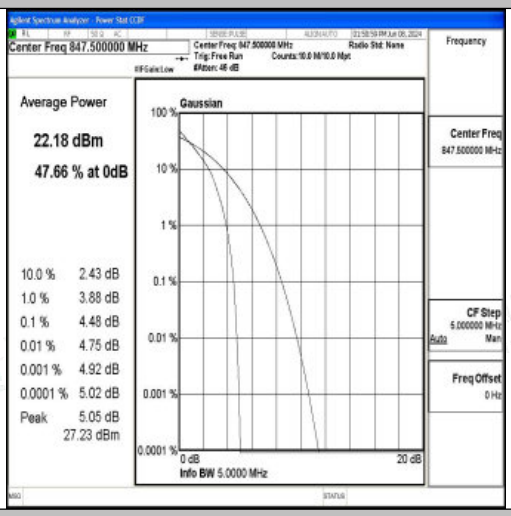
Band5-3MHz-16QAM-20525-15RB#0-PASS



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



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



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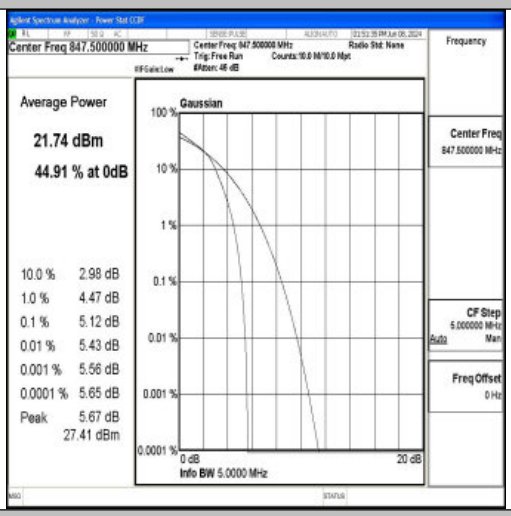

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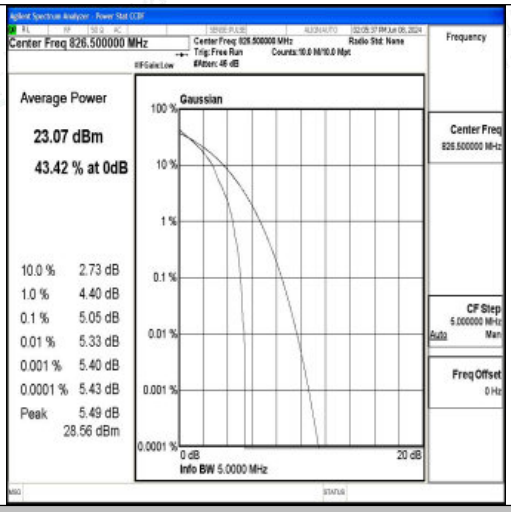
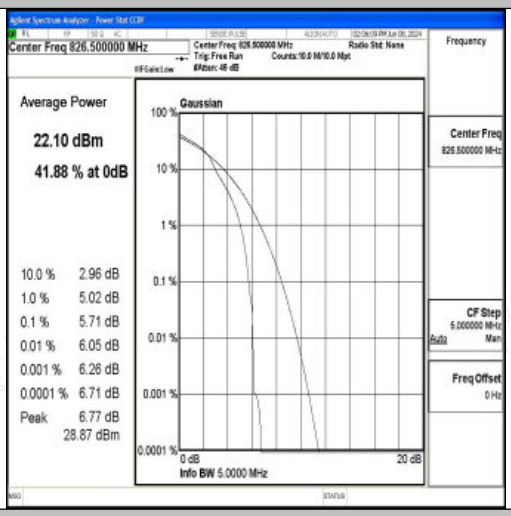


Band5-5MHz-QPSK-20425-1RB#0-PASS



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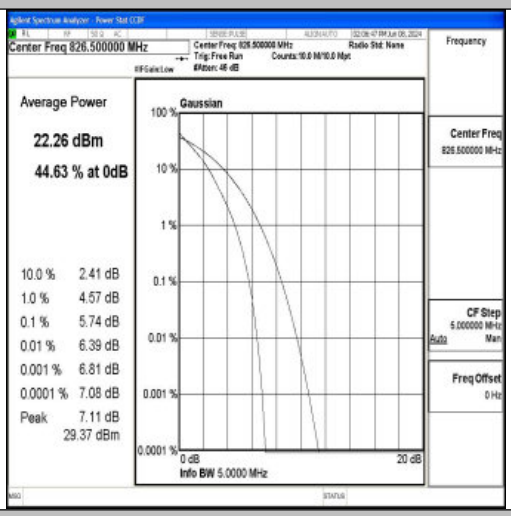
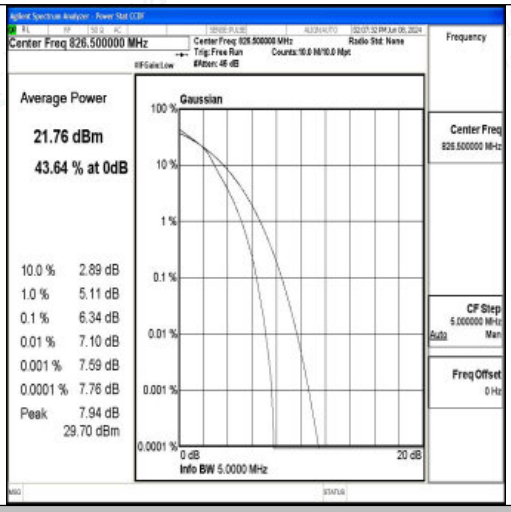
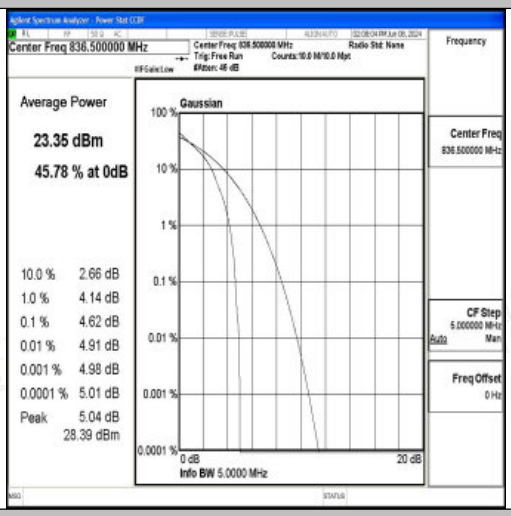


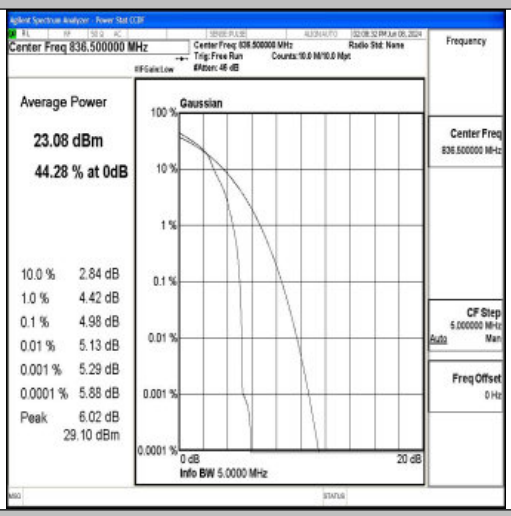
Band5-5MHz-QPSK-20425-25RB#0-PASS



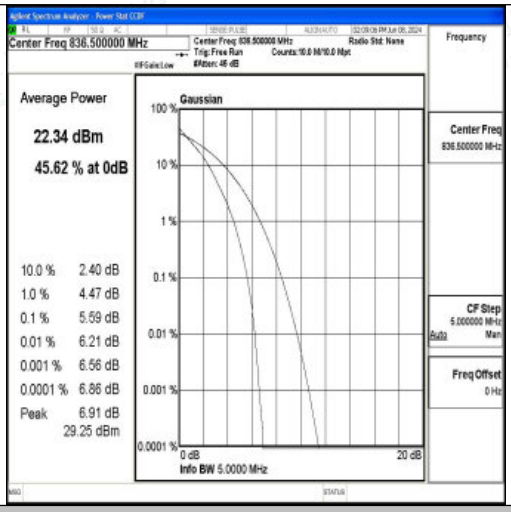
Band5-5MHz-16QAM-20425-25RB#0-PASS



Band5-5MHz-QPSK-20525-1RB#0-PASS



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



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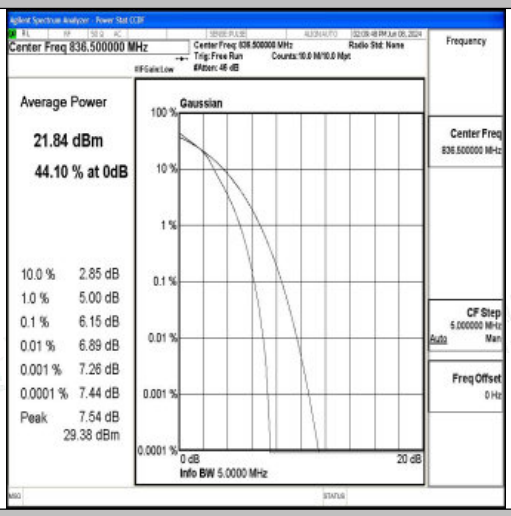

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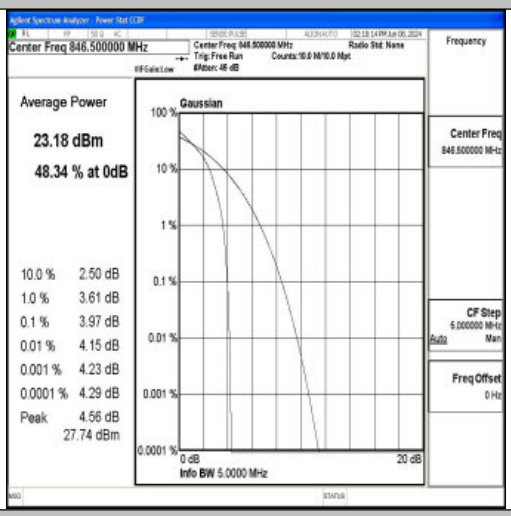

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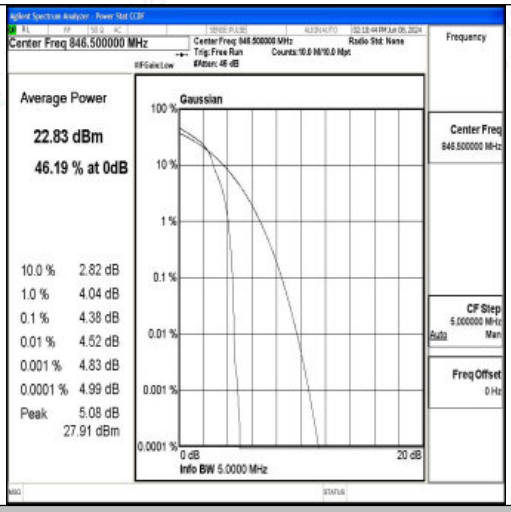

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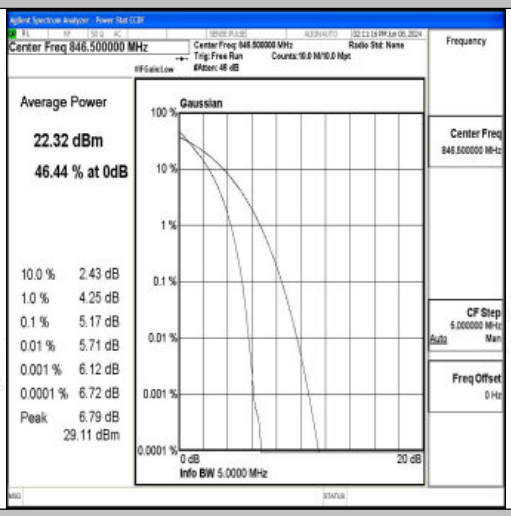
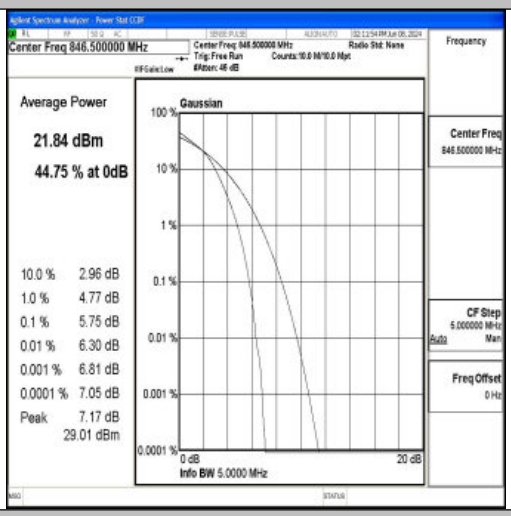


Band5-5MHz-QPSK-20625-25RB#0-PASS



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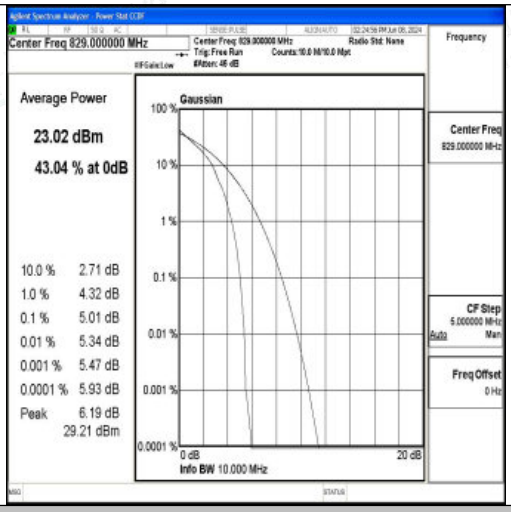
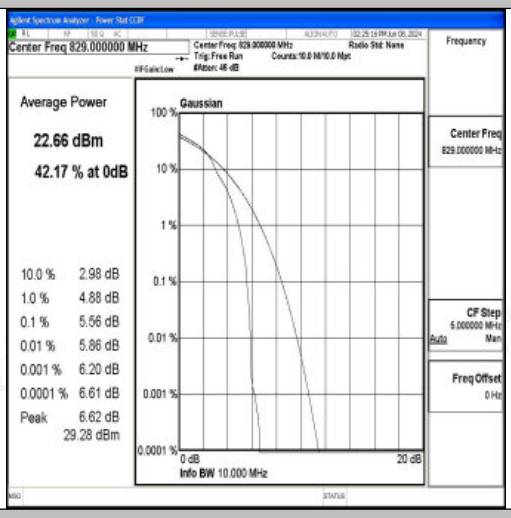
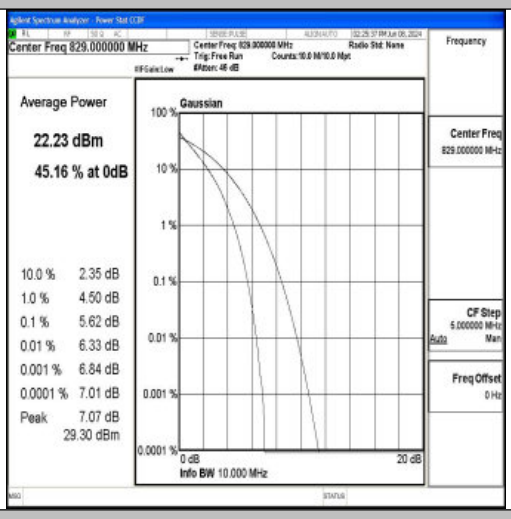


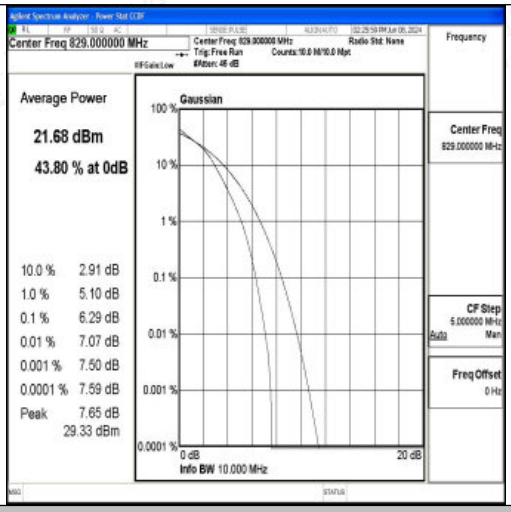
Band5-10MHz-QPSK-20450-1RB#0-PASS



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



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



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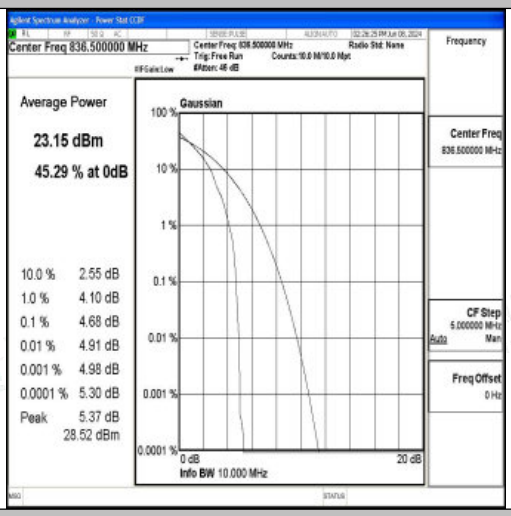
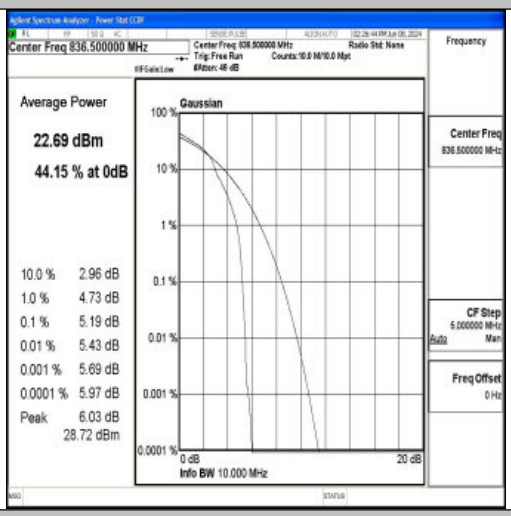


Band5-10MHz-QPSK-20525-1RB#0-PASS



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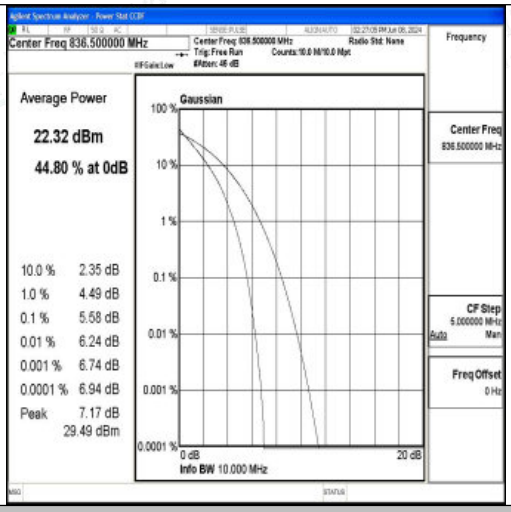

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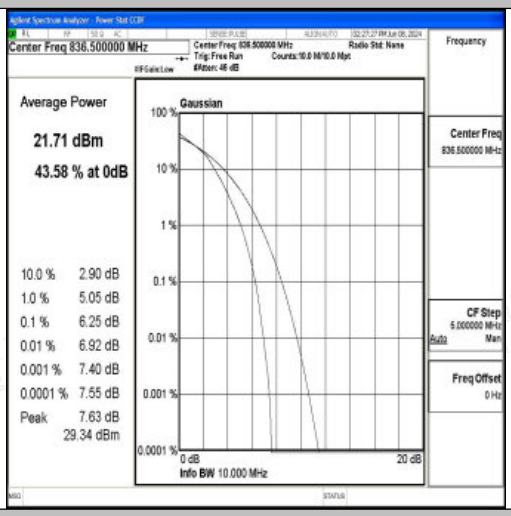

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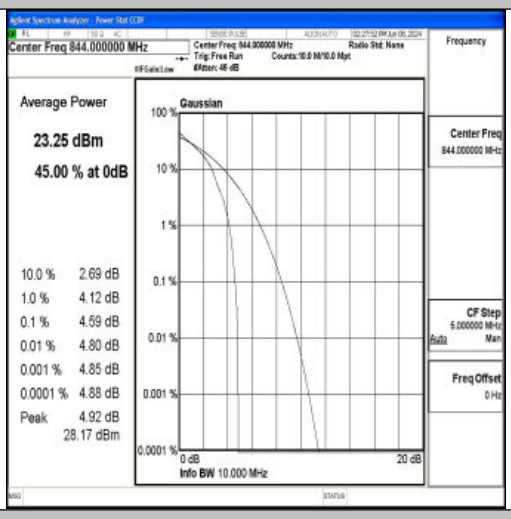
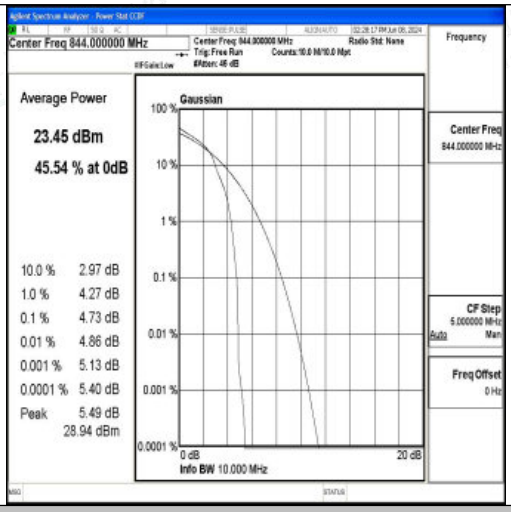
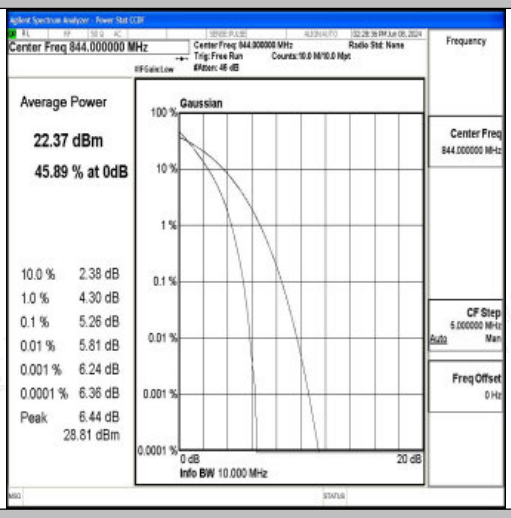


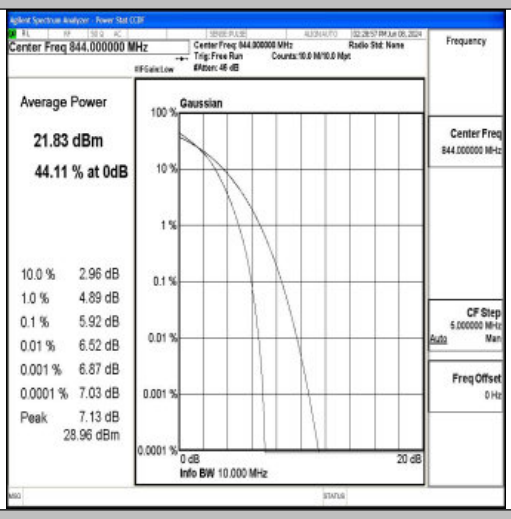
Band5-10MHz-QPSK-20600-1RB#0-PASS



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



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



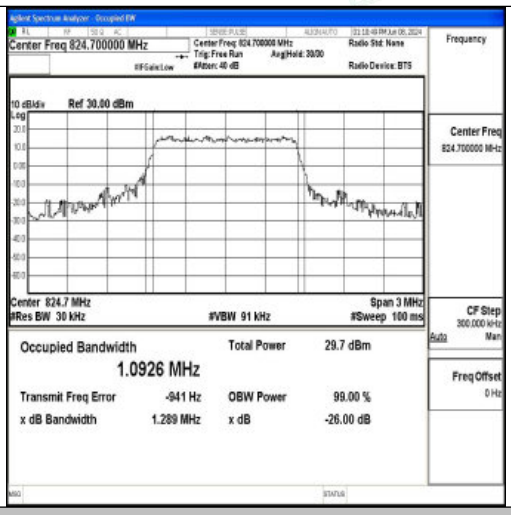
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.3 26dB Bandwidth and Occupied Bandwidth

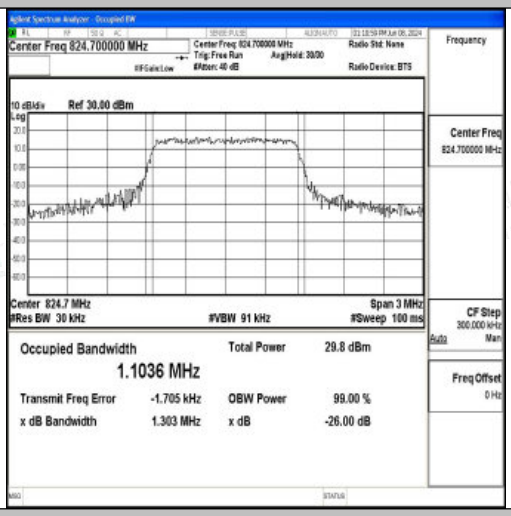
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0926	1.289	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1036	1.303	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0965	1.312	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1022	1.363	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1008	1.263	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0972	1.306	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7076	3.209	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6945	3.103	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7071	3.128	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7054	3.222	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7116	3.141	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7066	3.251	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5257	5.295	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5258	5.278	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5194	5.362	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5333	5.455	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5229	5.431	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5500	5.380	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9865	9.995	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9817	10.06	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0072	10.01	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0044	10.58	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9850	9.904	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9753	10.01	PASS

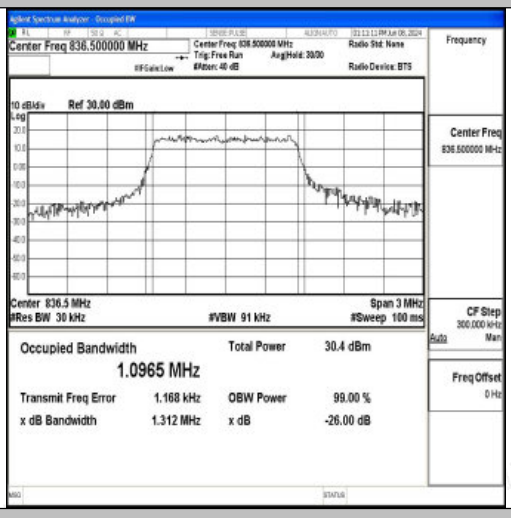
Test Graphs



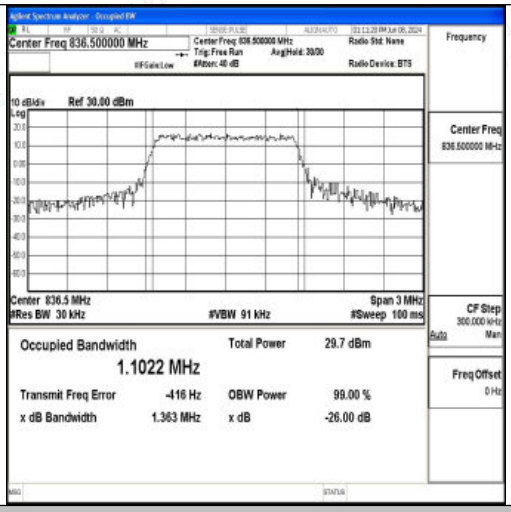
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



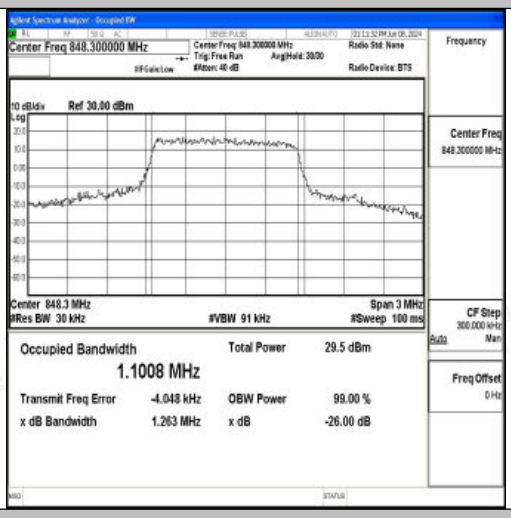
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



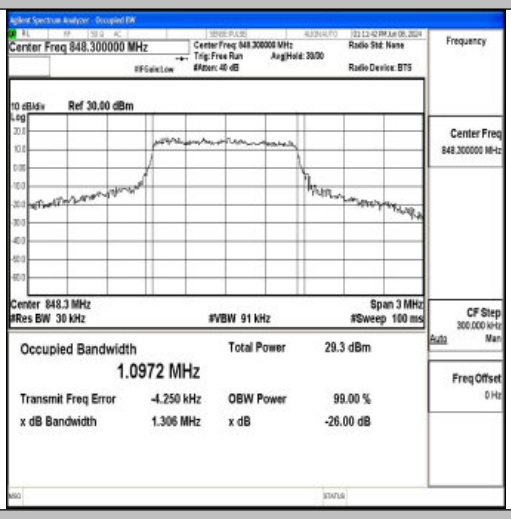
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



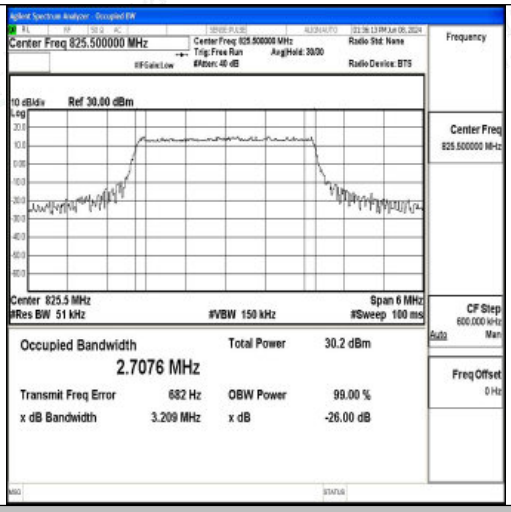
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



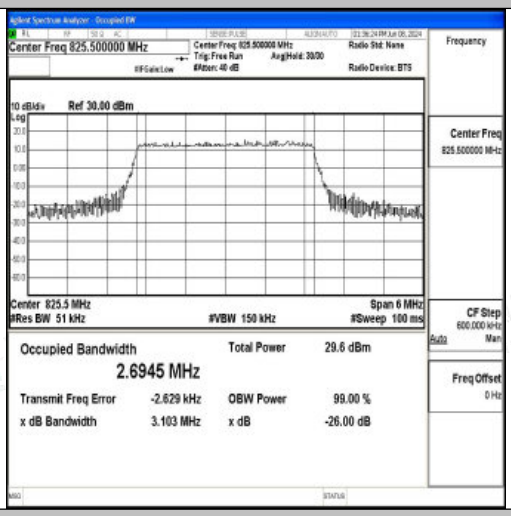
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



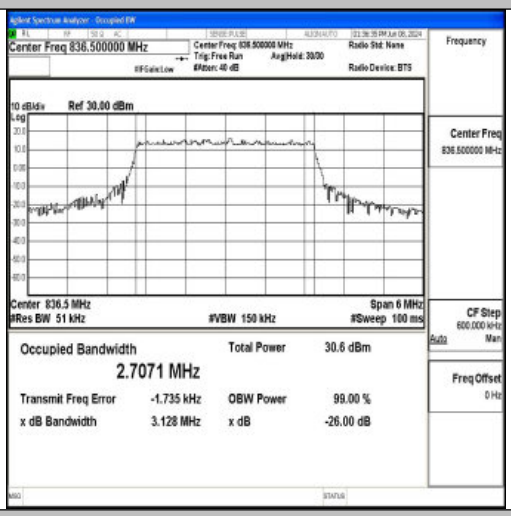
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



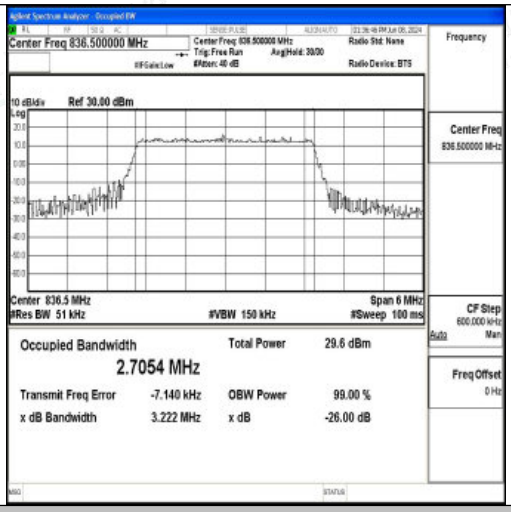
Band5-3MHz-QPSK-20415-15RB#0-PASS



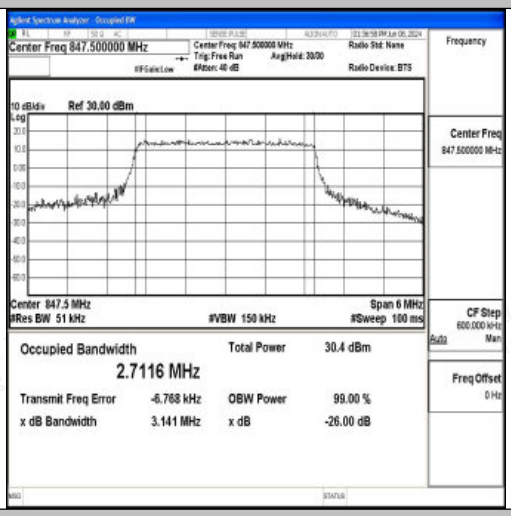
Band5-3MHz-16QAM-20415-15RB#0-PASS



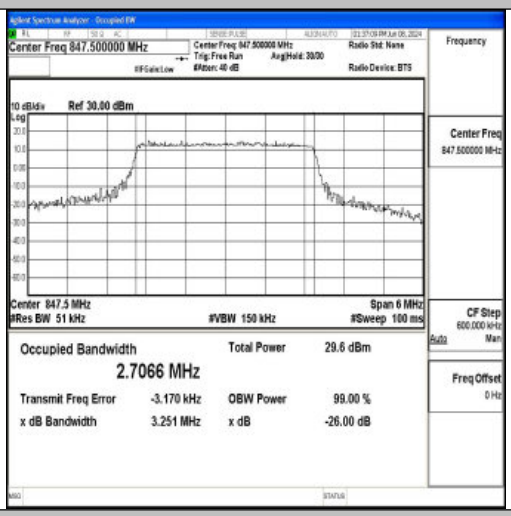
Band5-3MHz-QPSK-20525-15RB#0-PASS



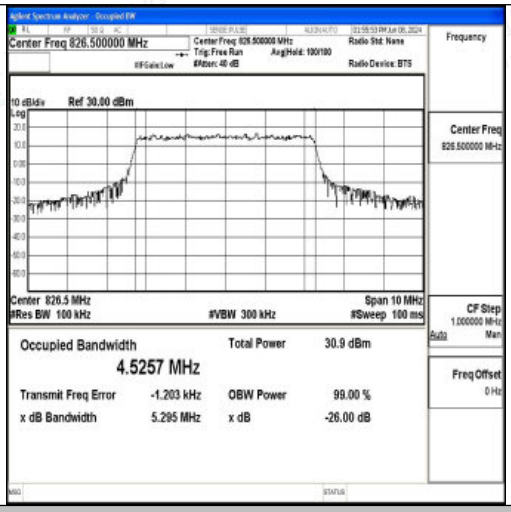
Band5-3MHz-16QAM-20525-15RB#0-PASS



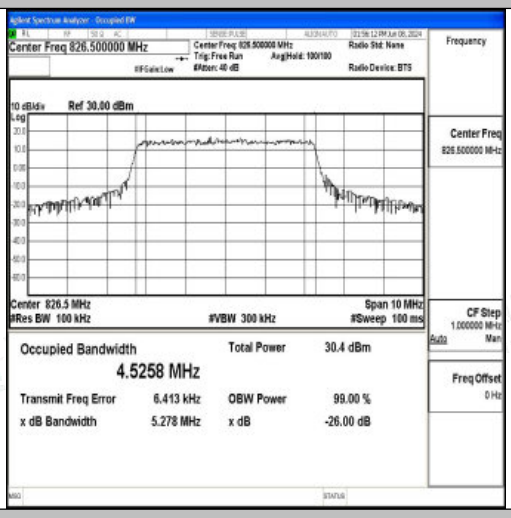
Band5-3MHz-QPSK-20635-15RB#0-PASS



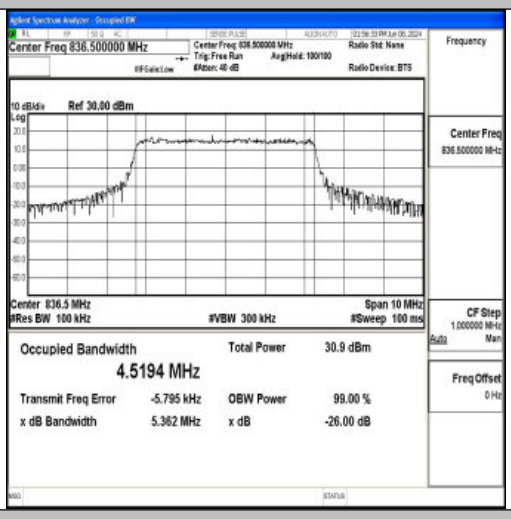
Band5-3MHz-16QAM-20635-15RB#0-PASS



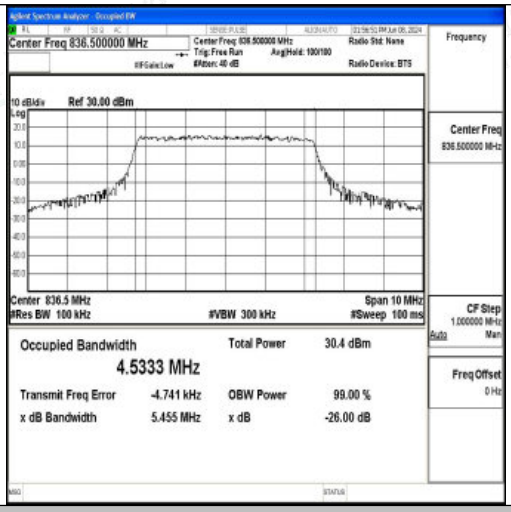
Band5-5MHz-QPSK-20425-25RB#0-PASS



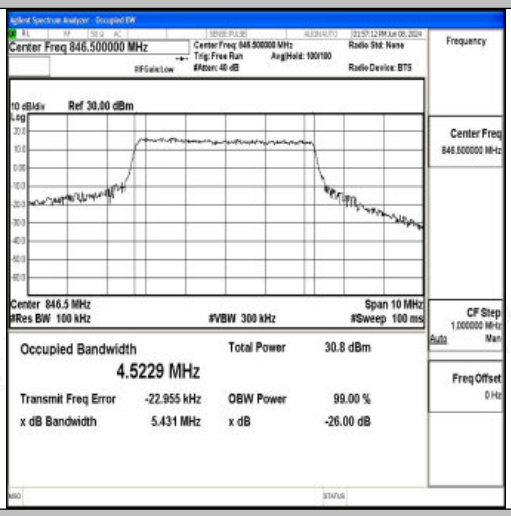
Band5-5MHz-16QAM-20425-25RB#0-PASS



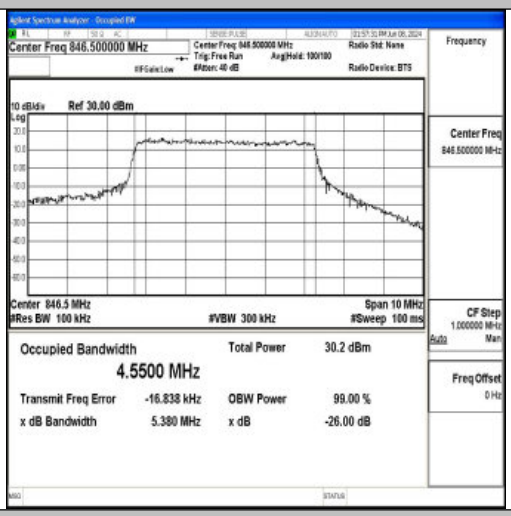
Band5-5MHz-QPSK-20525-25RB#0-PASS



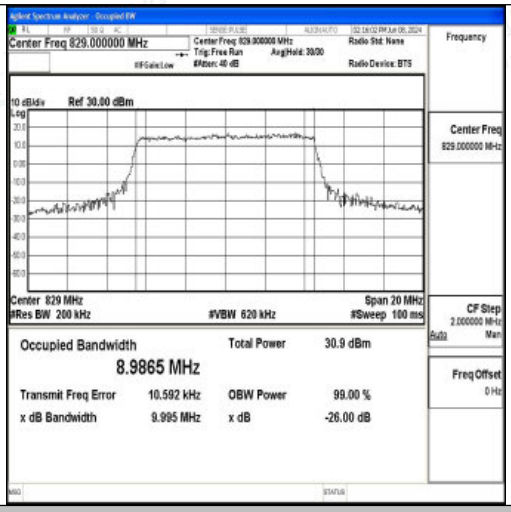
Band5-5MHz-16QAM-20525-25RB#0-PASS



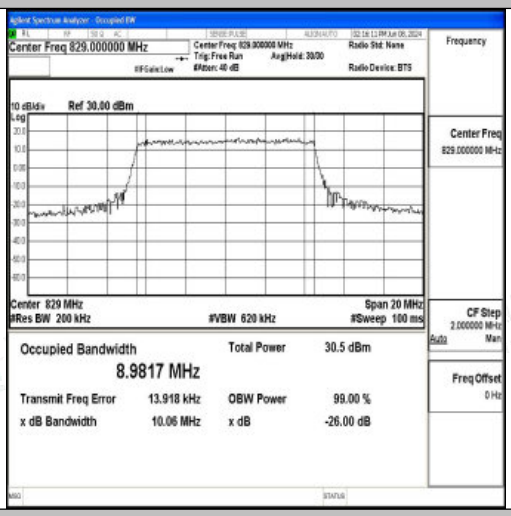
Band5-5MHz-QPSK-20625-25RB#0-PASS



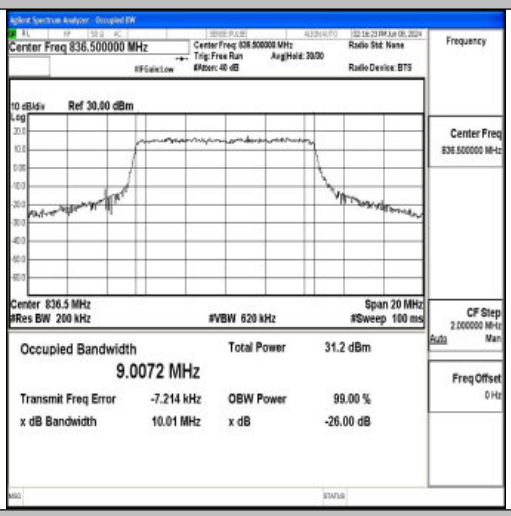
Band5-5MHz-16QAM-20625-25RB#0-PASS



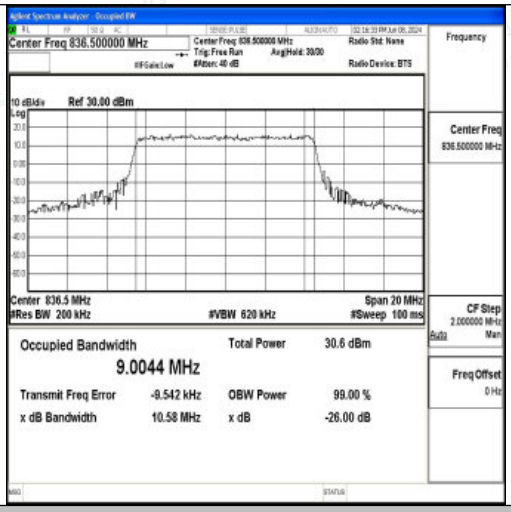
Band5-10MHz-QPSK-20450-50RB#0-PASS



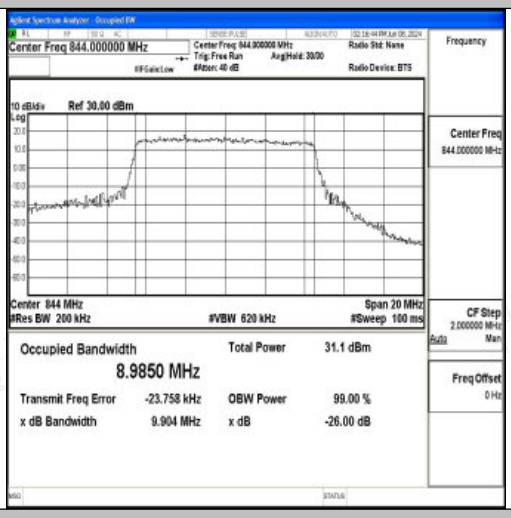
Band5-10MHz-16QAM-20450-50RB#0-PASS



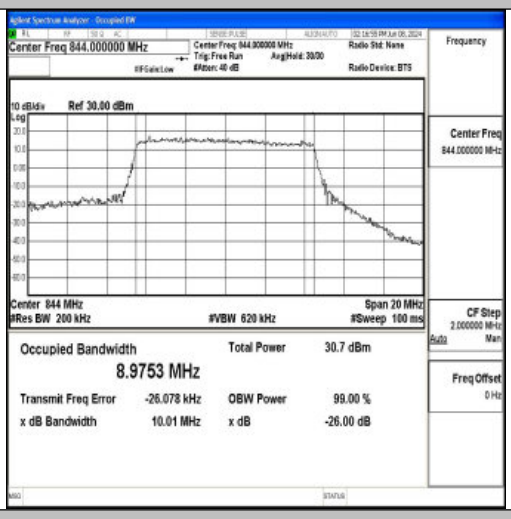
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



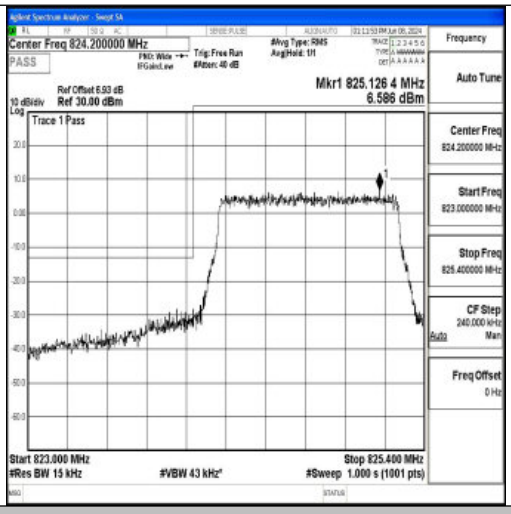
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.4 Band Edge

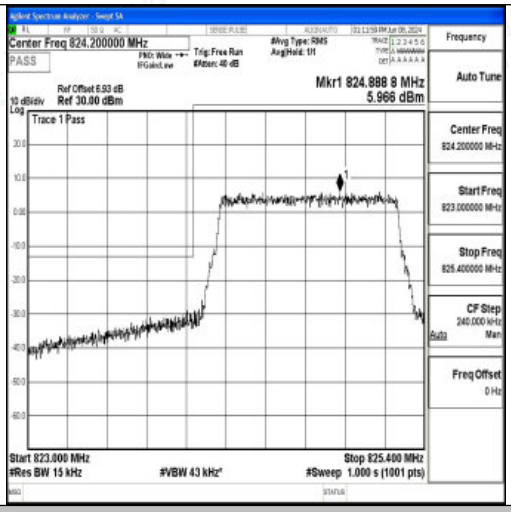
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.90	-28.29	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.96	-28.94	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.02	-24.74	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.10	-24.59	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-23.79	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-25.43	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.01	-24.74	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-25.25	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.99	-28.56	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.99	-28.82	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.04	-29.41	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.03	-27.70	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-32.77	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-33.11	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.04	-32.52	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.11	-32.38	PASS

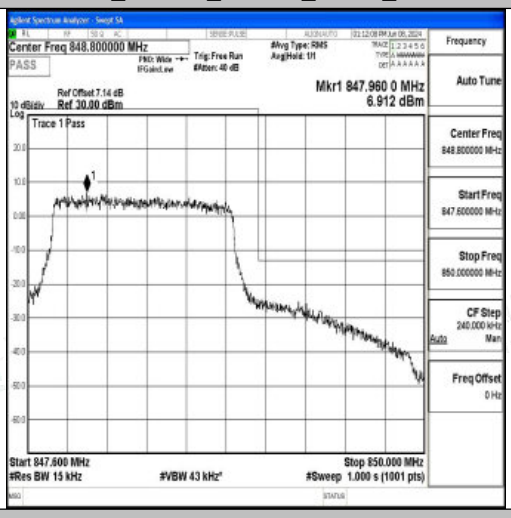
Test Graphs



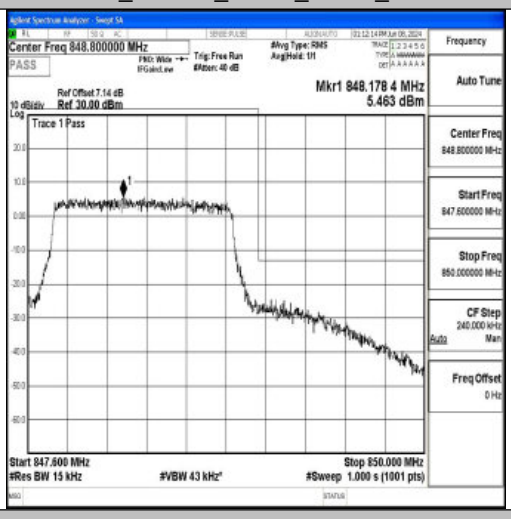
Band5_1.4MHz_QPSK_20407_6RB#0



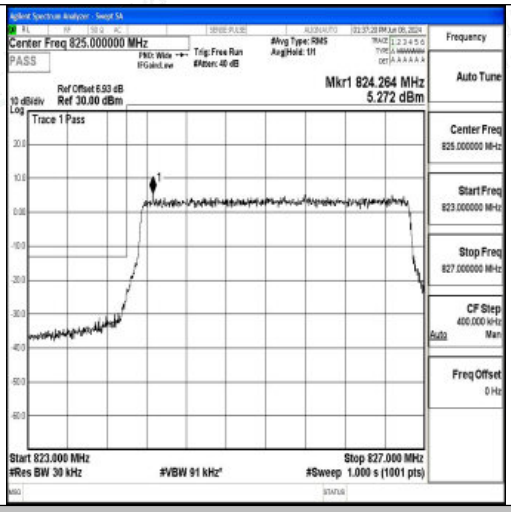
Band5_1.4MHz_16QAM_20407_6RB#0



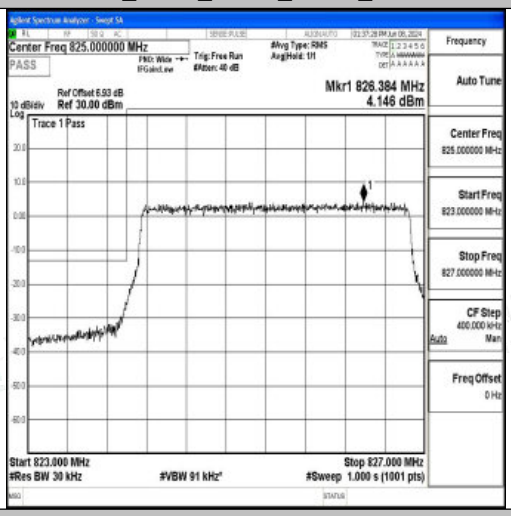
Band5_1.4MHz_QPSK_20643_6RB#0



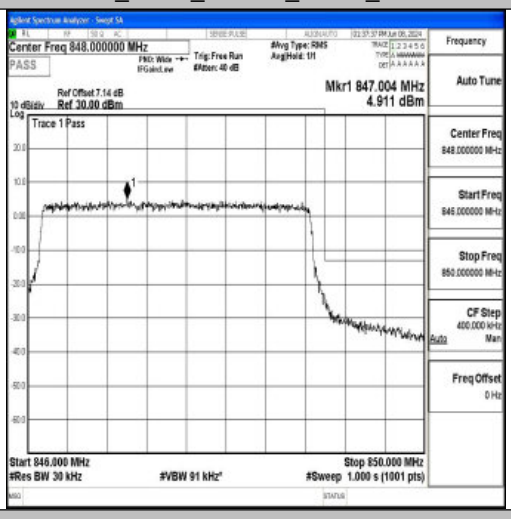
Band5_1.4MHz_16QAM_20643_6RB#0



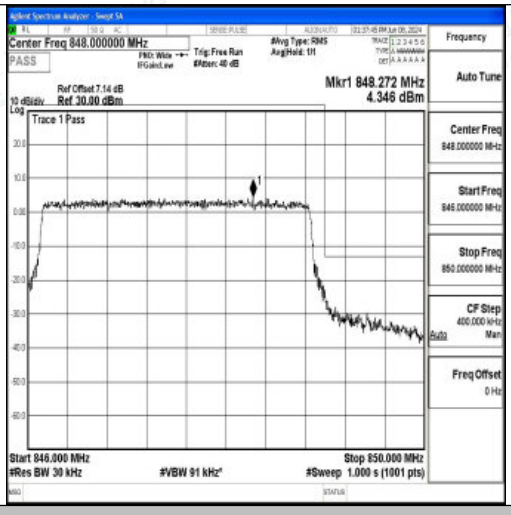
Band5_3MHz_QPSK_20415_15RB#0



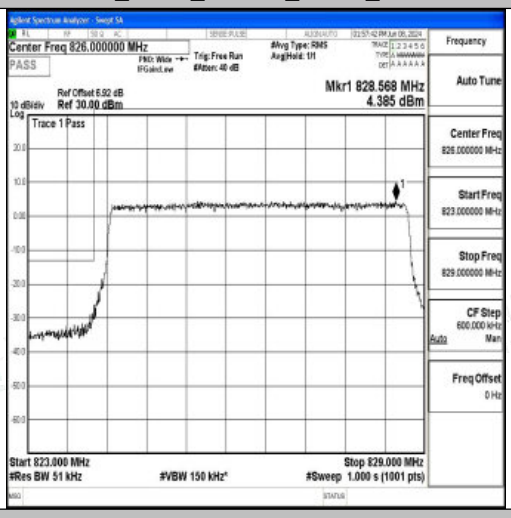
Band5_3MHz_16QAM_20415_15RB#0



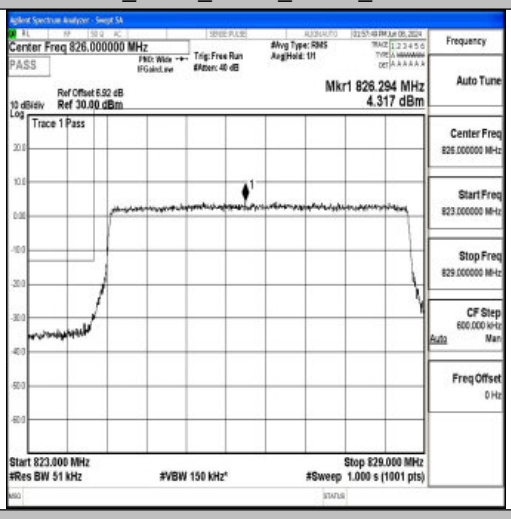
Band5_3MHz_QPSK_20635_15RB#0



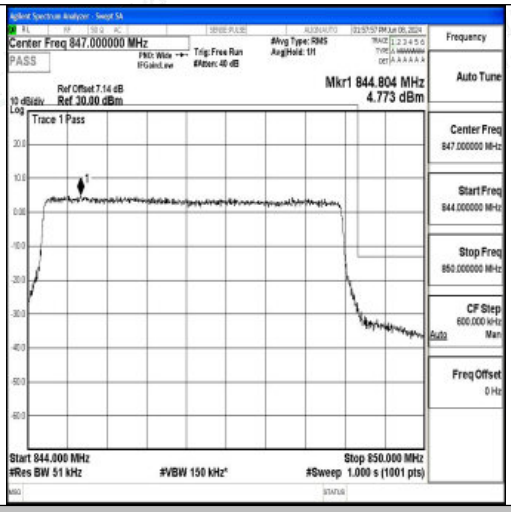
Band5_3MHz_16QAM_20635_15RB#0



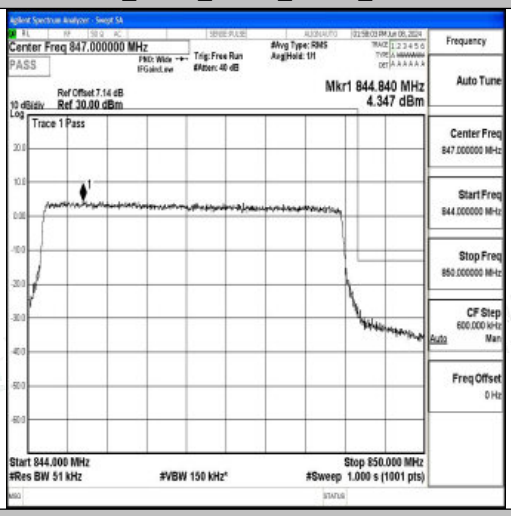
Band5_5MHz_QPSK_20425_25RB#0



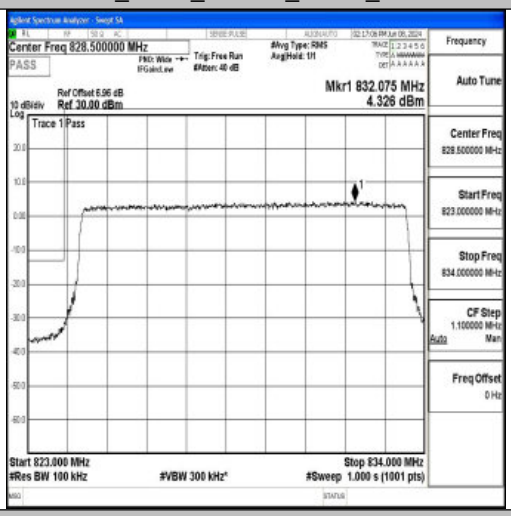
Band5_5MHz_16QAM_20425_25RB#0



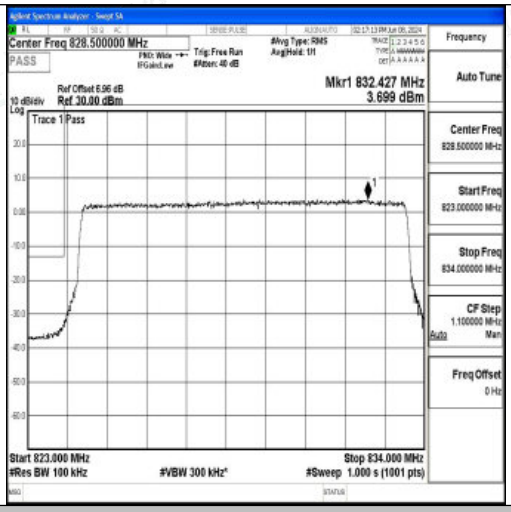
Band5_5MHz_QPSK_20625_25RB#0



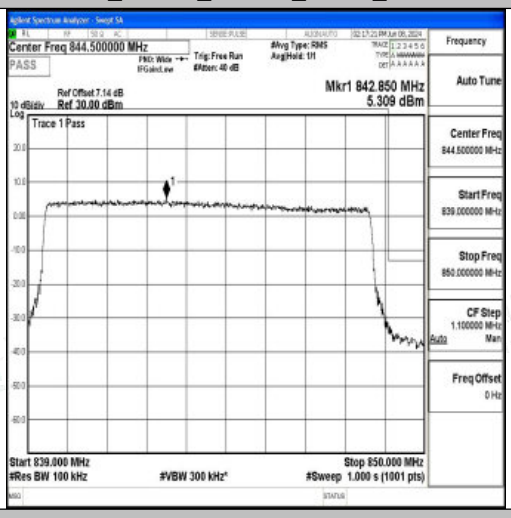
Band5_5MHz_16QAM_20625_25RB#0



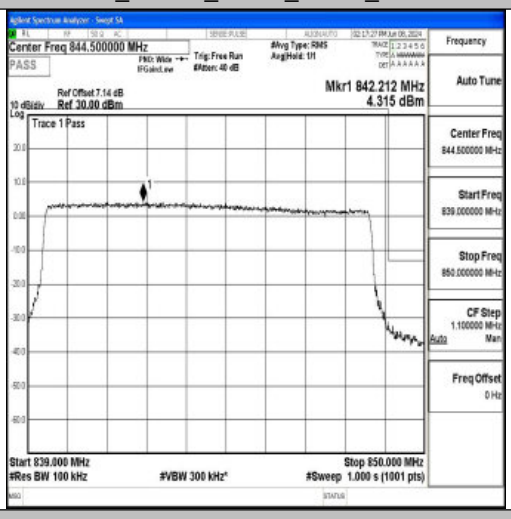
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

H.5 Conducted Spurious Emission

Test Result

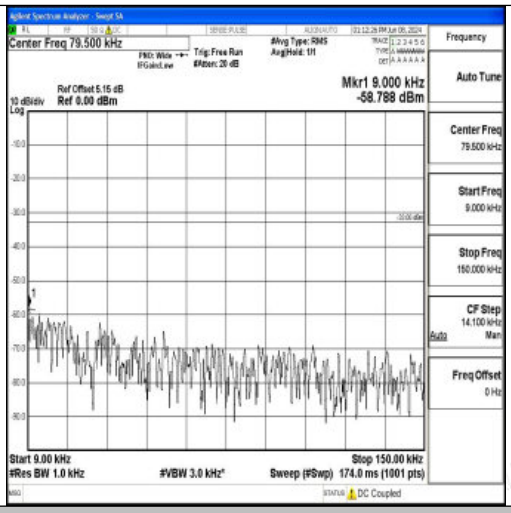
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-58.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-53.97	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-43.32	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-43.18	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-43.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-57.21	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-54.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-43.13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-40.70	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.07	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-57.92	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-51.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-45.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-42.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.01	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-57.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-46.07	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-43.35	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.18	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-59.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-52.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-47.64	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-41.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-43.85	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-57.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-53.37	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-47.98	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-40.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.03	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-57.25	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-51.76	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-50.20	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-41.83	PASS

Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.06	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-58.07	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.10	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-47.62	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.27	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.27	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-59.83	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-52.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-50.55	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.11	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.43	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.87	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-50.79	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-43.35	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-56.98	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-51.48	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-48.04	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.28	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-43.96	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-57.32	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-51.97	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-46.91	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-40.68	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.02	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-54.50	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-51.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-57.54	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-41.02	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.08	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-57.34	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-51.82	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-57.36	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.06	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.21	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-59.67	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-54.42	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-57.07	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.30	PASS

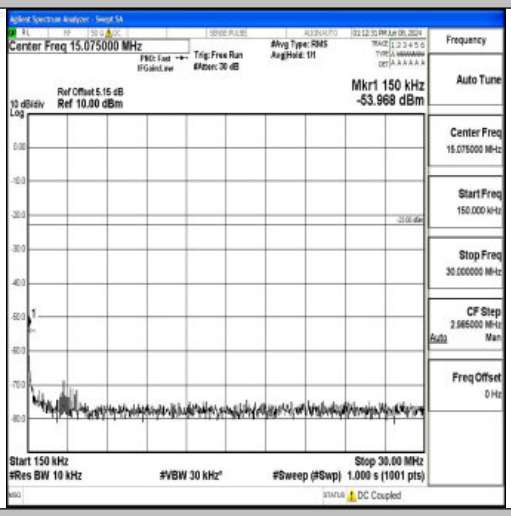
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.93	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-57.36	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.68	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.44	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-42.77	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.05	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.53	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-51.35	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-58.29	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-44.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.22	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-56.57	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-50.74	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-59.72	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.92	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.10	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-55.48	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.96	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-61.74	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-42.32	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-43.94	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-55.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.28	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-61.82	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.63	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.06	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-57.35	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-53.04	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-61.84	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.16	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-43.81	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-56.51	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.33	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.09	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-42.26	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-56.11	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-51.61	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.60	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-44.88	PASS

Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-43.87	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-57.35	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-51.31	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.36	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-45.20	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.09	PASS

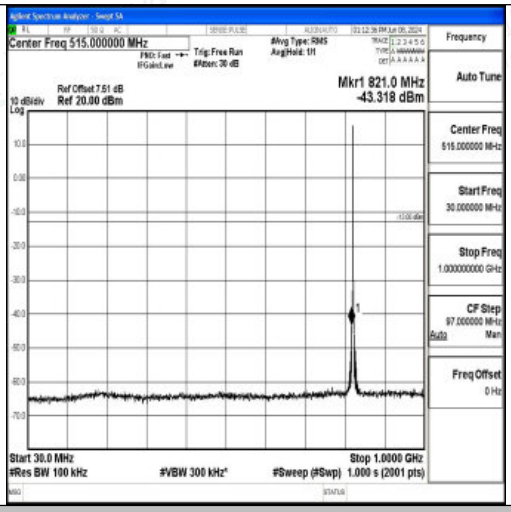
Test Graphs



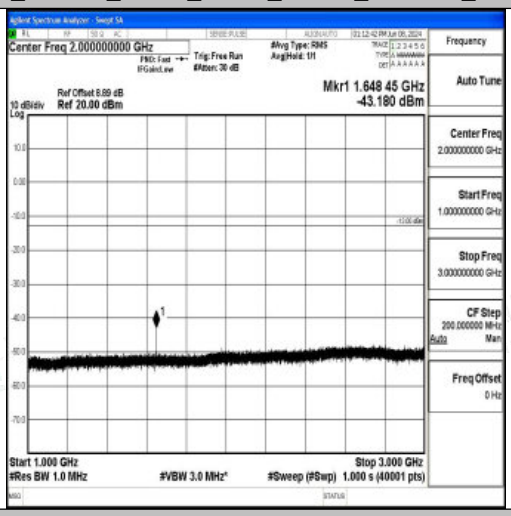
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



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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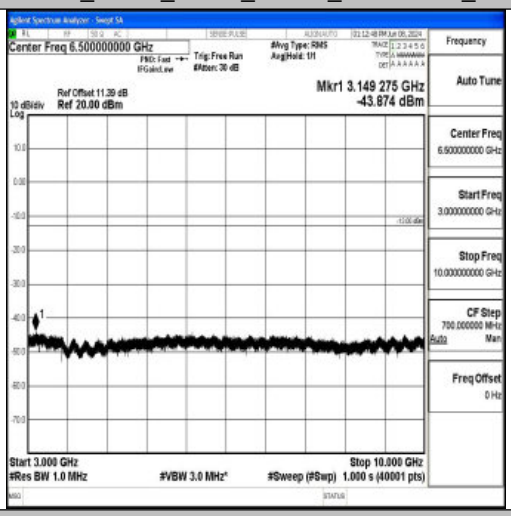
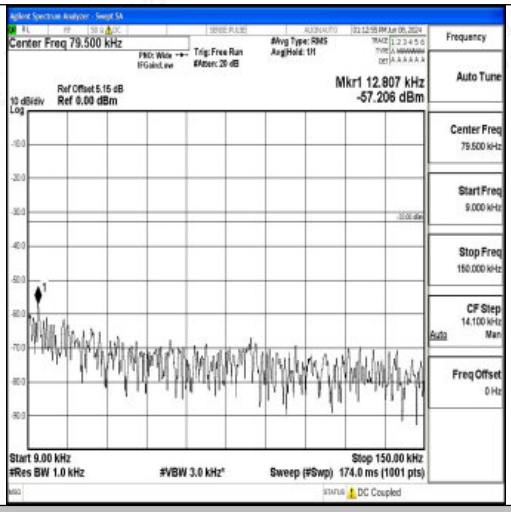
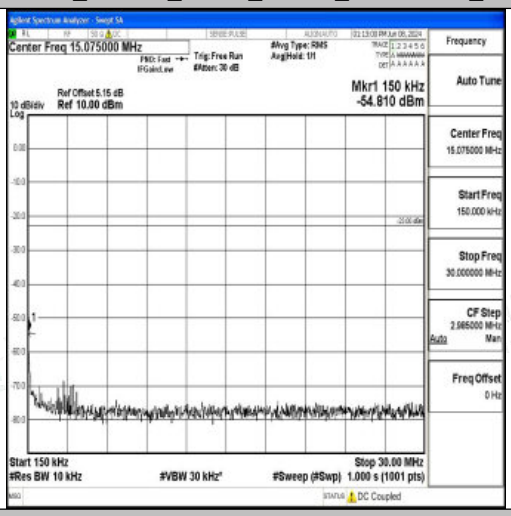


Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



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



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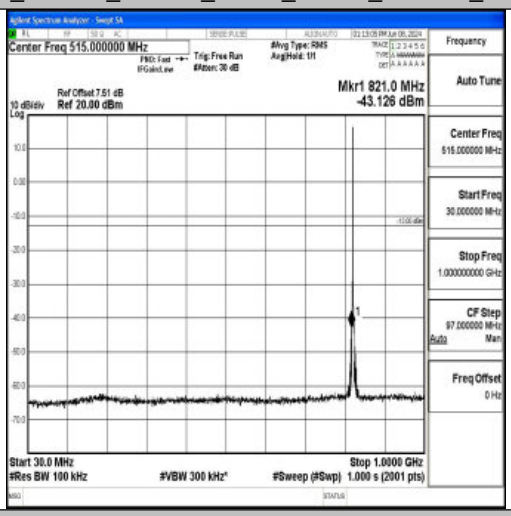

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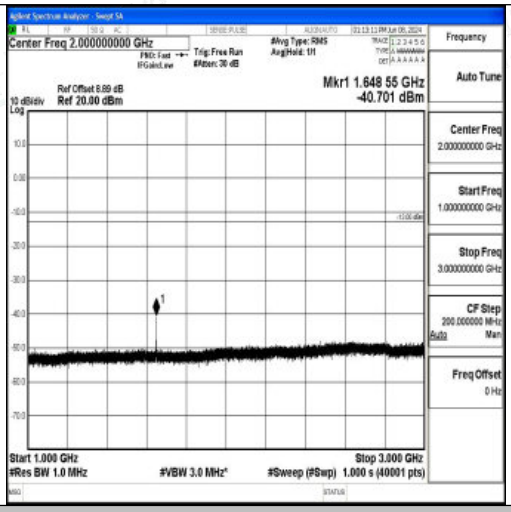
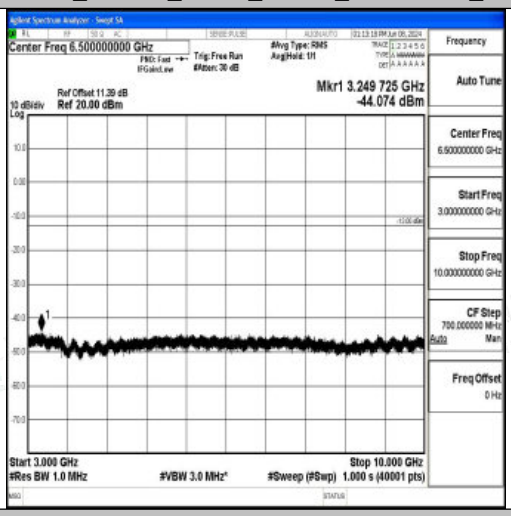
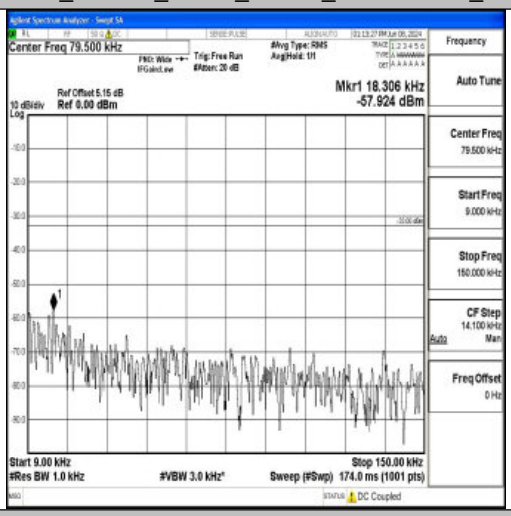


Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



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



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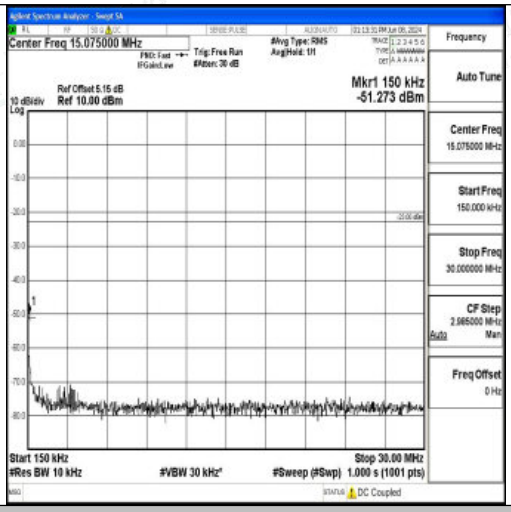

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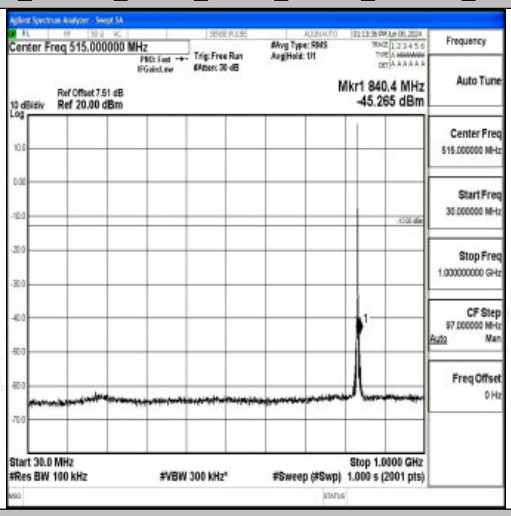
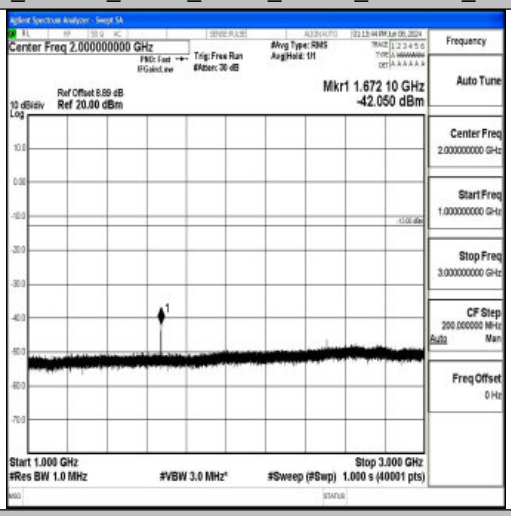
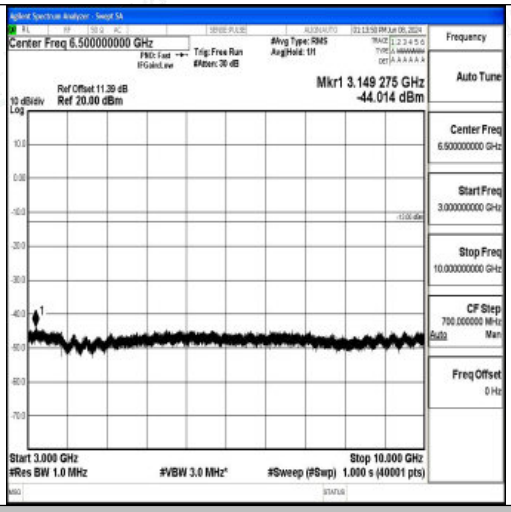


Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



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



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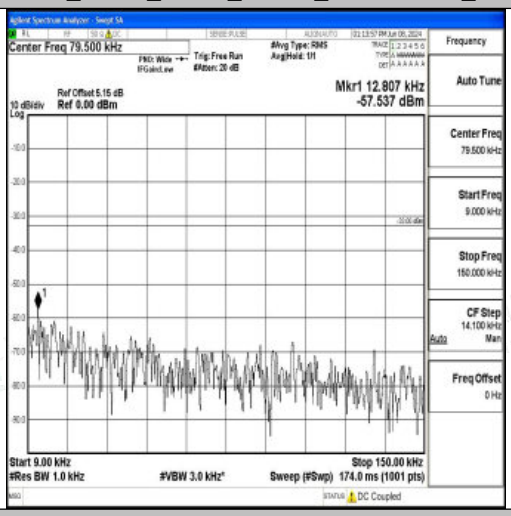

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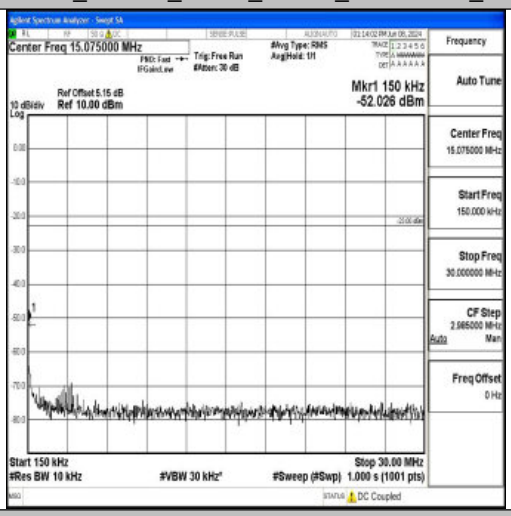

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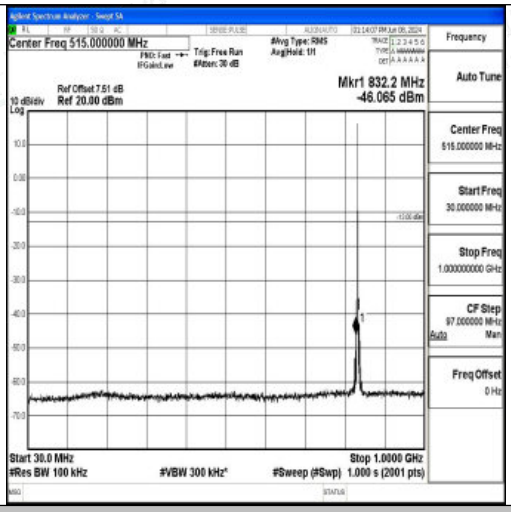
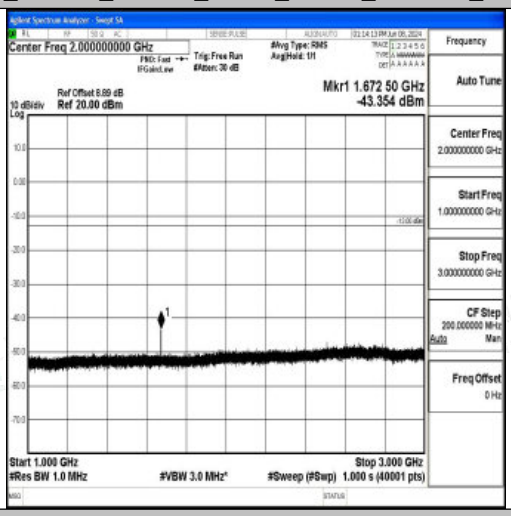
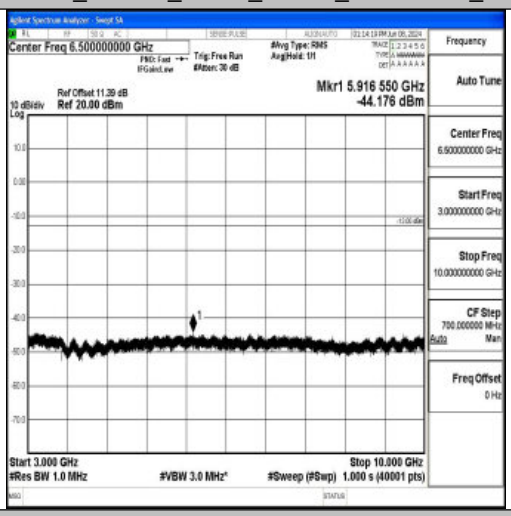


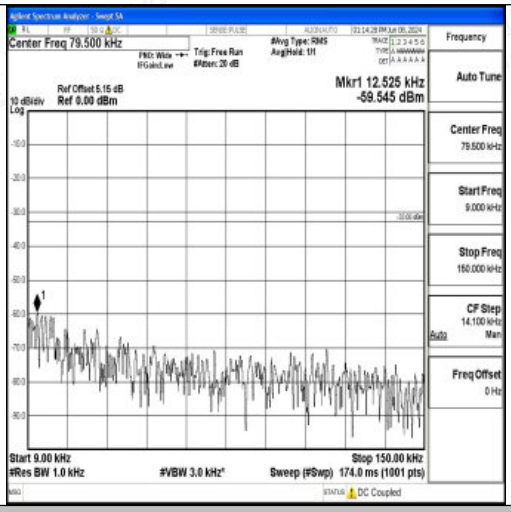
Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



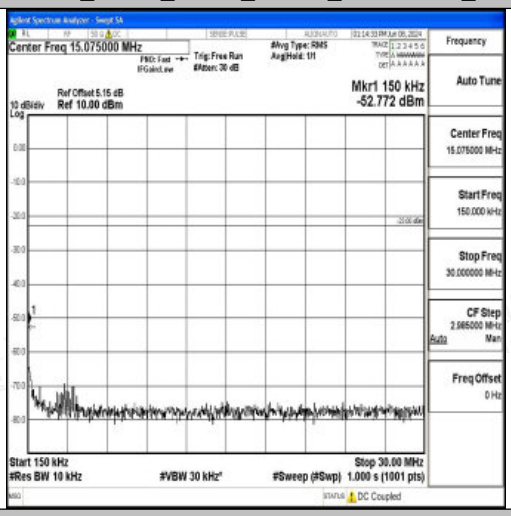
Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



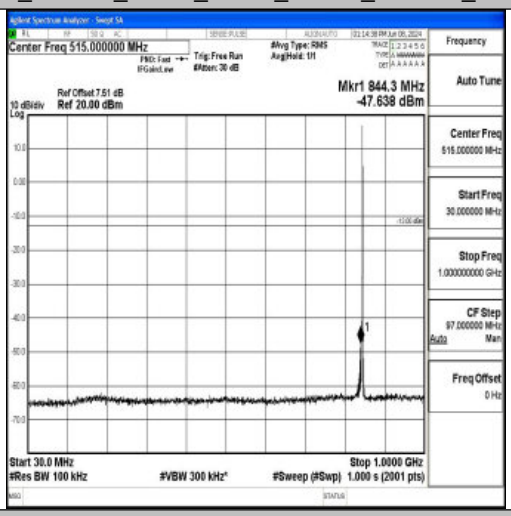
Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



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