Appendix H: Test Data for E-UTRA Band 5

Product Name: BlueCash-05

Test Model: BlueCash-05

Environmental Conditions

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

H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.69	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.55	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.62	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.19	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.58	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.26	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.57	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.25	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.67	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.85	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.88	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.77	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.37	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.67	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.94	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.65	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.99	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.70	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.18	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.83	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.17	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.99	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.90	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.03	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.43	PASS

Band5	1.4MHz	16QAM	20643	3RB#0	22.74	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.48	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.74	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.48	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.27	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.74	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.43	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.39	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.86	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.11	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.60	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.23	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.58	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.49	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.14	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.54	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.09	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.58	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.10	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.63	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.98	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.50	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.25	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.49	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.36	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.64	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.39	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.57	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.23	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.47	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.24	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.68	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.37	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.65	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.97	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.36	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.56	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.36	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.41	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.05	PASS

Band5	3MHz	16QAM	20635	1RB#14	21.88	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.77	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.25	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.76	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.25	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.62	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.16	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.67	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.40	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.16	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.44	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.29	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.67	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.22	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.61	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.94	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.40	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.94	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.47	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.95	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.53	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.39	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.32	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.38	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.39	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.55	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.68	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.16	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.69	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.10	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.74	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.31	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.66	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.15	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.58	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.99	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.42	PASS

Band5	5MHz	16QAM	20625	1RB#12	22.83	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.63	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.25	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.88	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.33	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.81	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.41	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.65	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.17	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.83	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.21	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.33	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.90	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.40	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.99	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.47	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.11	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.60	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.66	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.44	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.99	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.94	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.50	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.95	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.10	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.73	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.39	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.57	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.37	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.71	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.18	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.69	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.19	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.73	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.25	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.77	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.25	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.62	PASS

Band5	10MHz	16QAM	20600	1RB#0	23.61	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.54	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.59	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.02	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.88	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.94	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.36	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.81	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.33	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.68	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.34	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.64	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.21	PASS

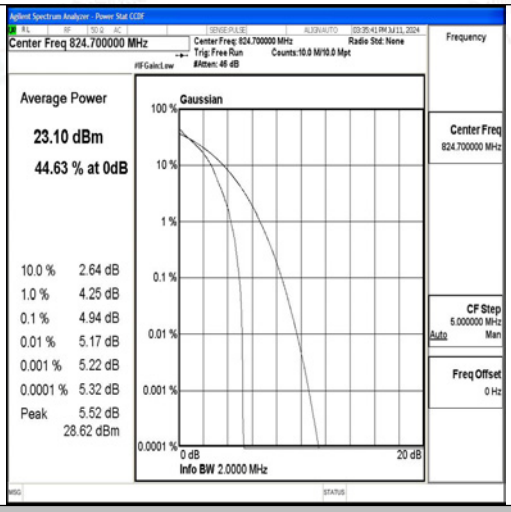
H.2 Peak-to-Average Ratio(CCDF)

Test Result

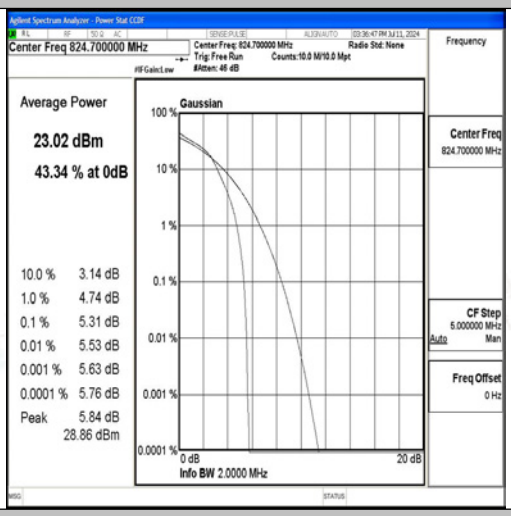
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.94	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.31	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.74	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.33	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.69	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.61	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.53	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.09	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.78	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.47	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.23	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.01	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.09	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.75	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.84	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.49	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.79	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.22	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.58	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.22	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.72	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.68	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.67	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.34	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.18	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.82	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.76	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.39	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.94	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.08	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.63	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.23	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.13	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.56	13	PASS

Band5	5MHz	QPSK	20625	25RB#0	5.28	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.87	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.15	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.65	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.66	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.34	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.82	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.43	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.64	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.30	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.75	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.89	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.34	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.98	13	PASS

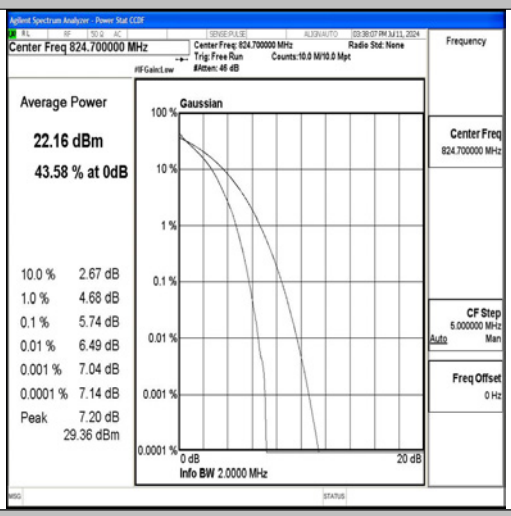
Test Graphs



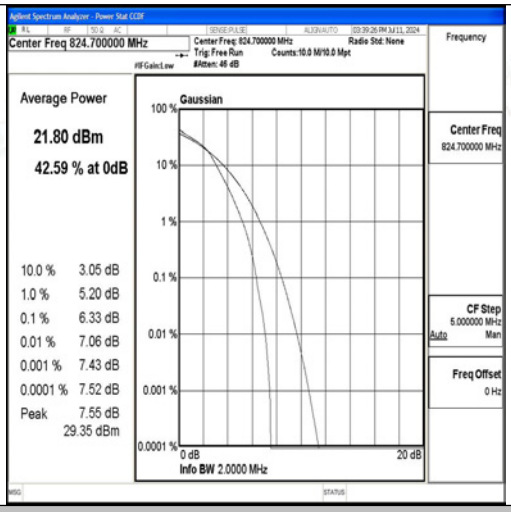
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



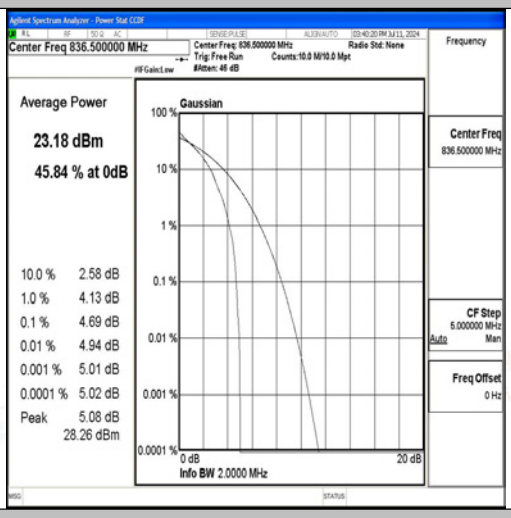
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



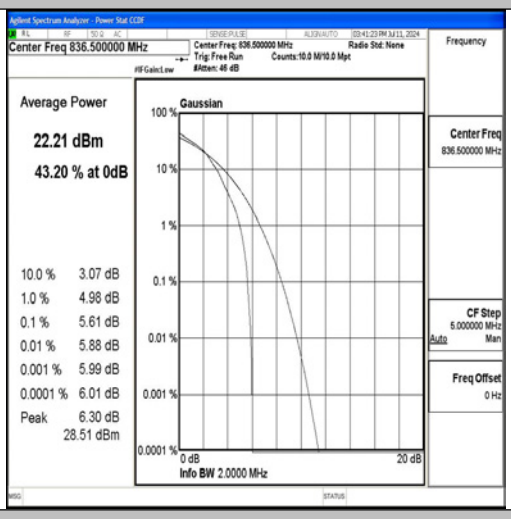
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



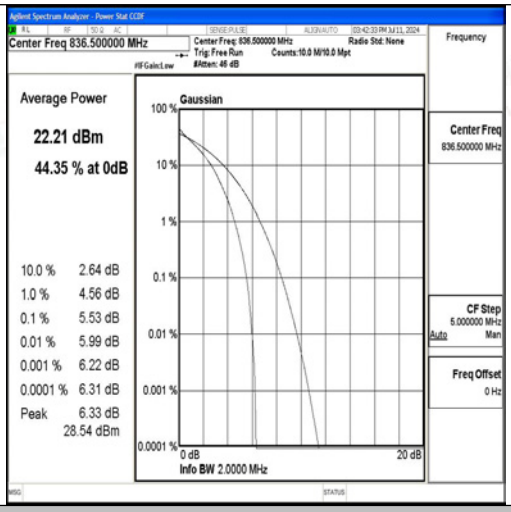
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



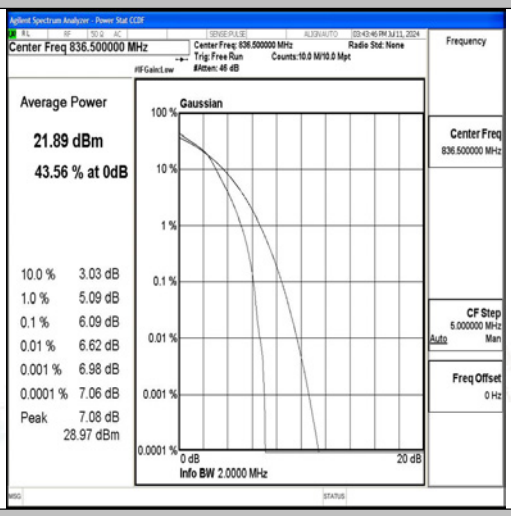
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



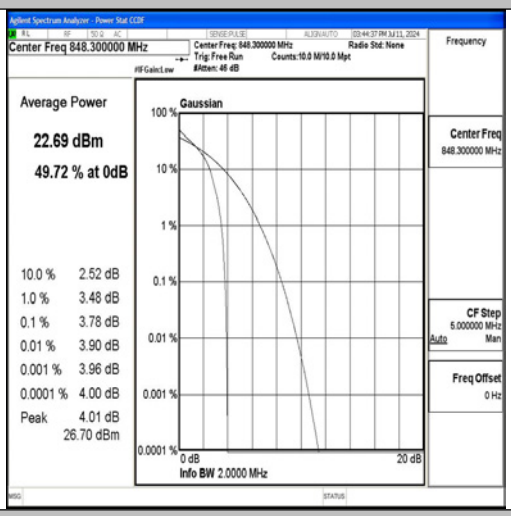
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



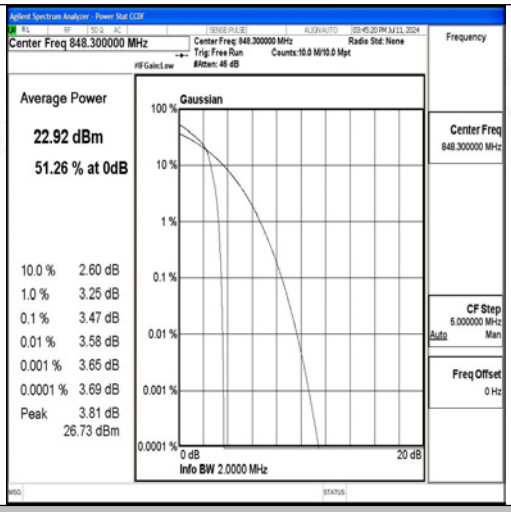
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



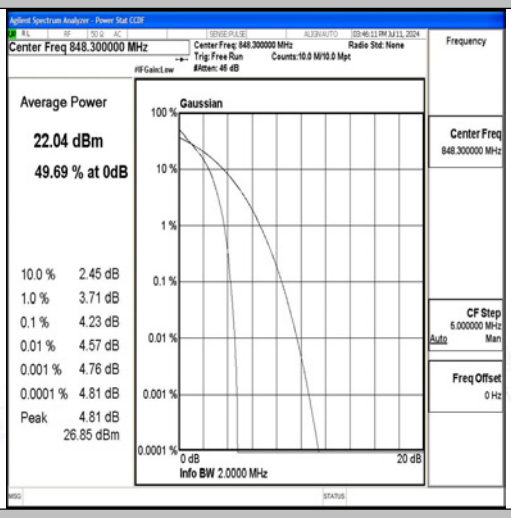
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



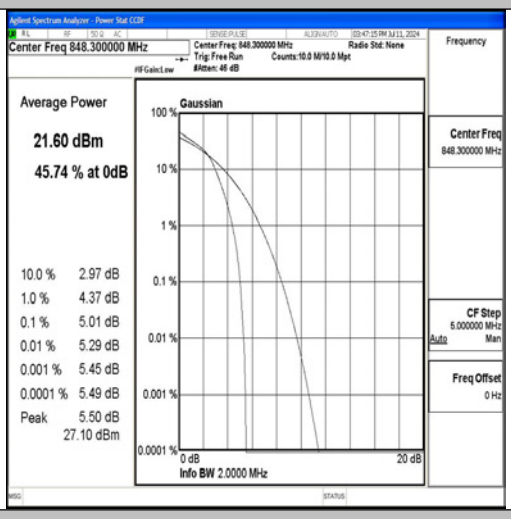
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



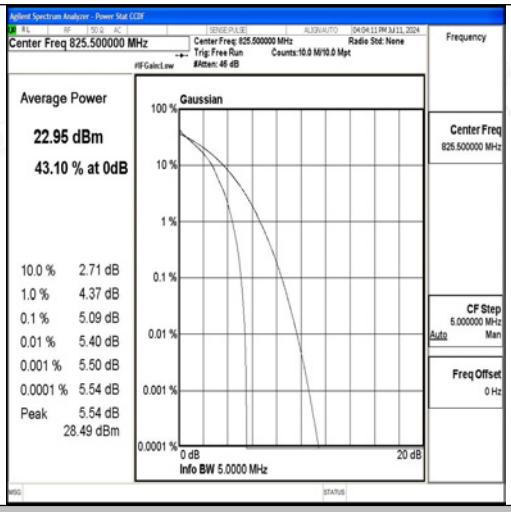
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



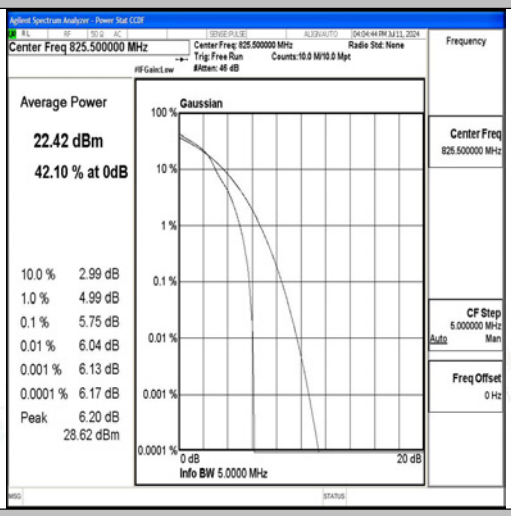
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



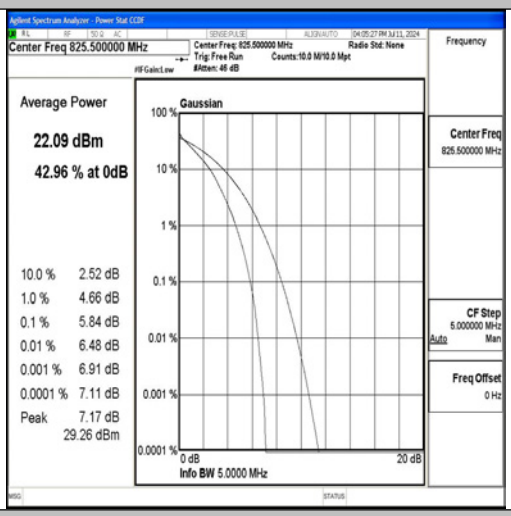
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



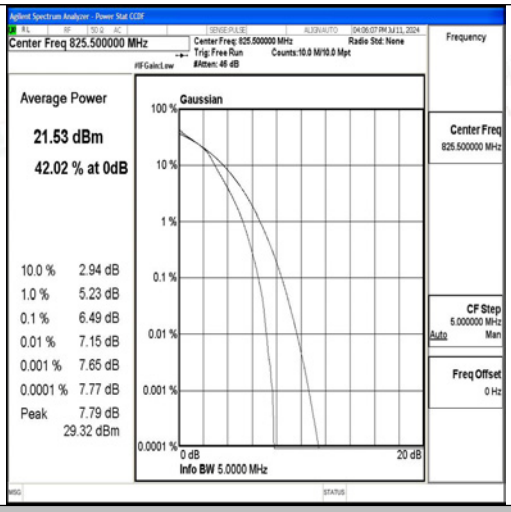
Band5-3MHz-QPSK-20415-1RB#0-PASS



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



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



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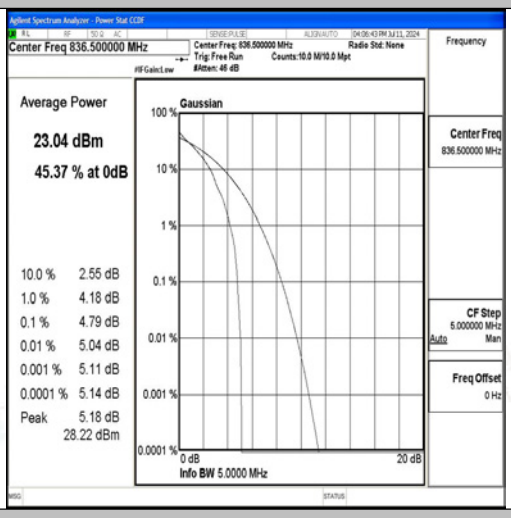
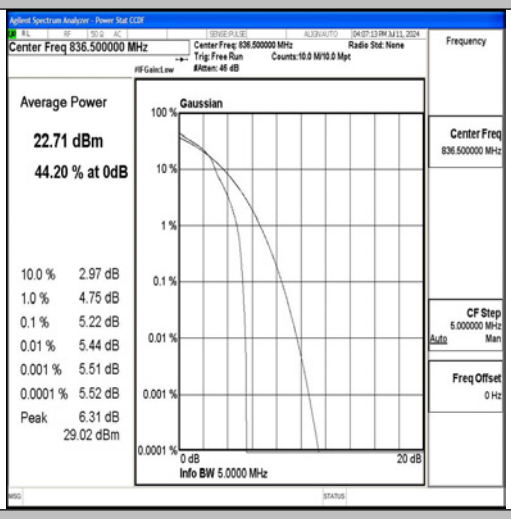


Band5-3MHz-QPSK-20525-1RB#0-PASS



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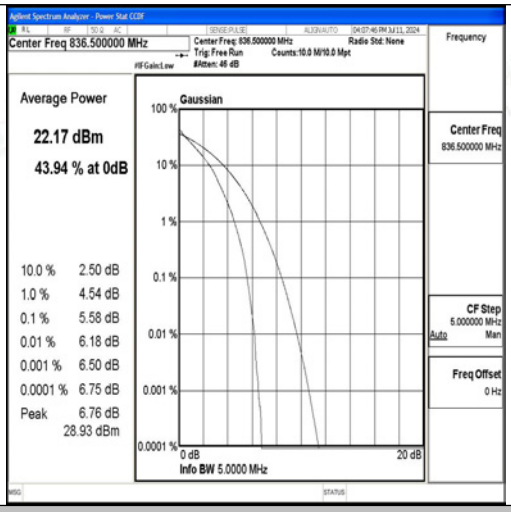

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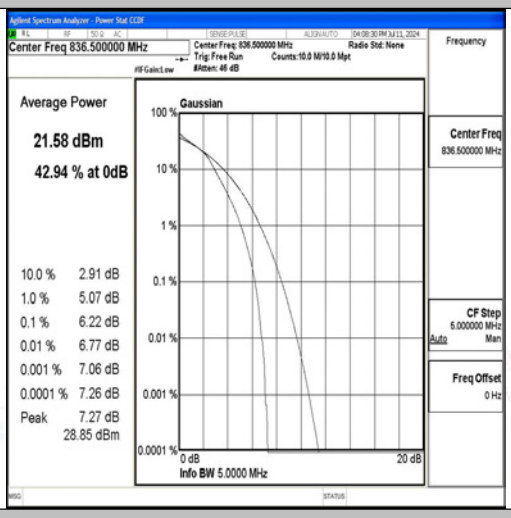
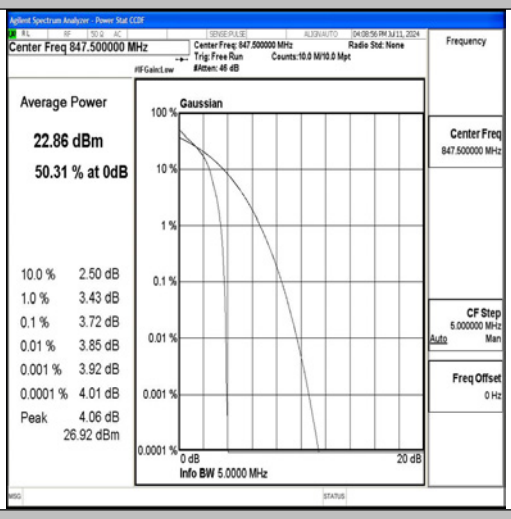
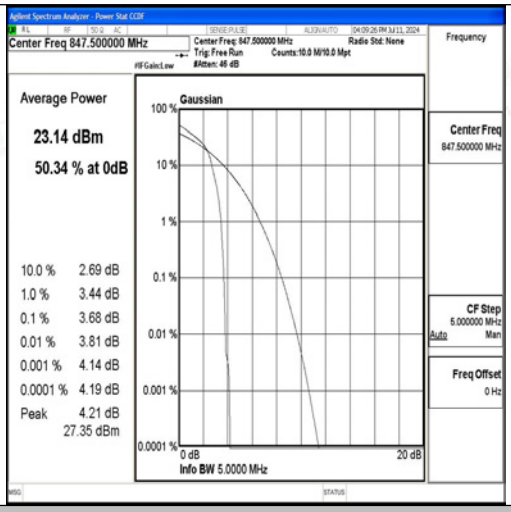


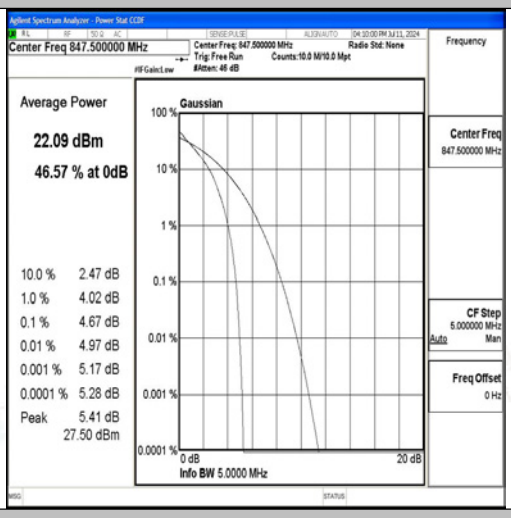
Band5-3MHz-16QAM-20525-15RB#0-PASS



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



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



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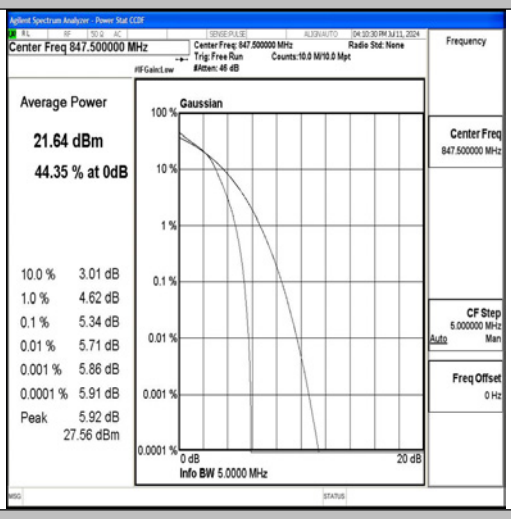

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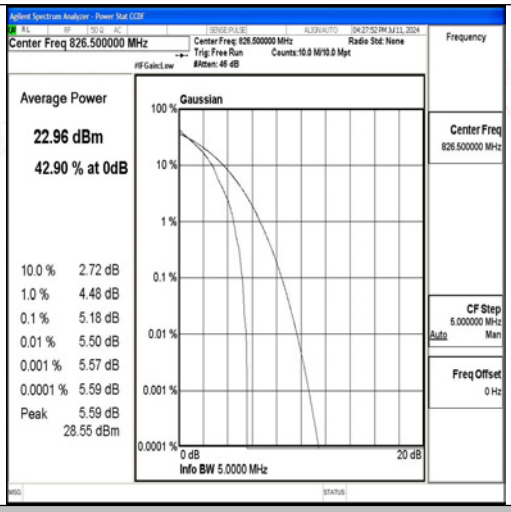

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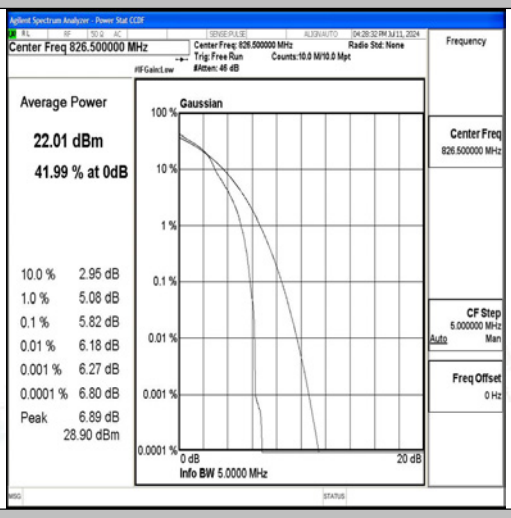

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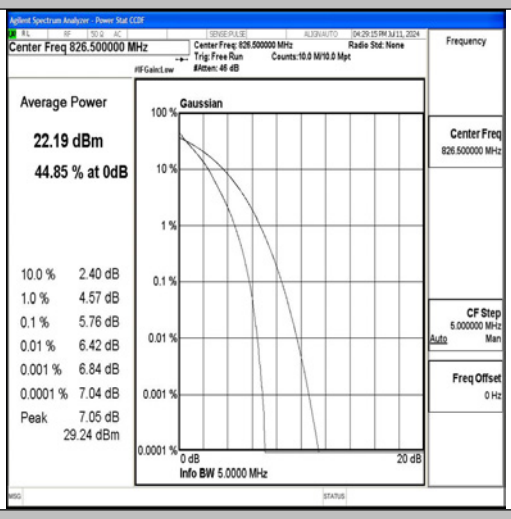

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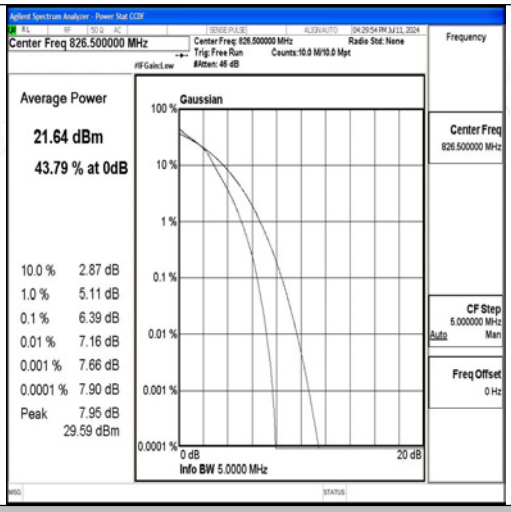
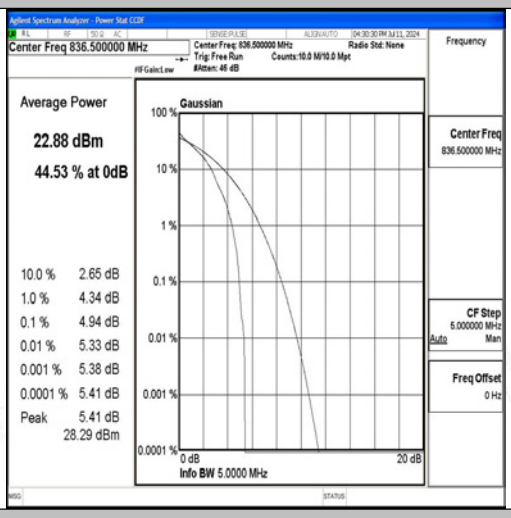
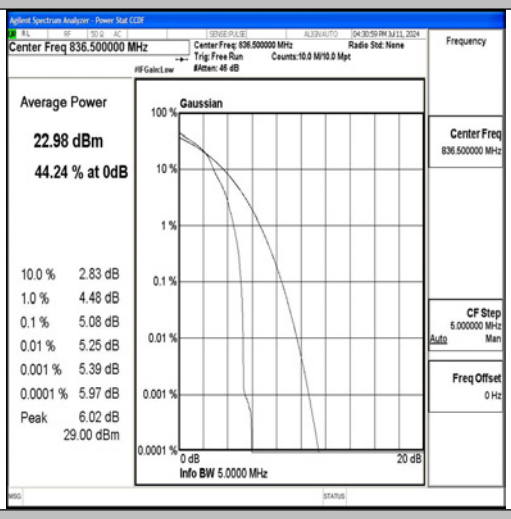


Band5-5MHz-16QAM-20425-25RB#0-PASS



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



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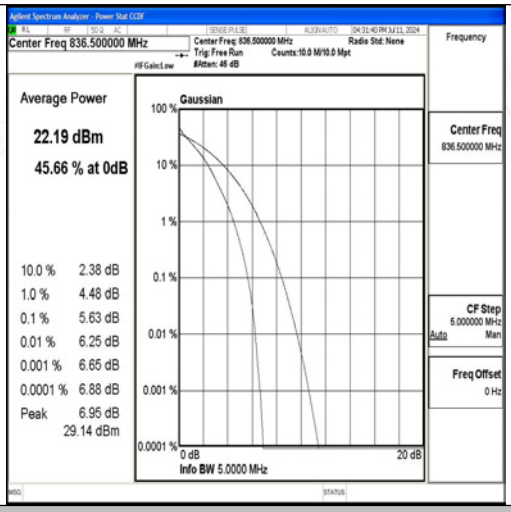

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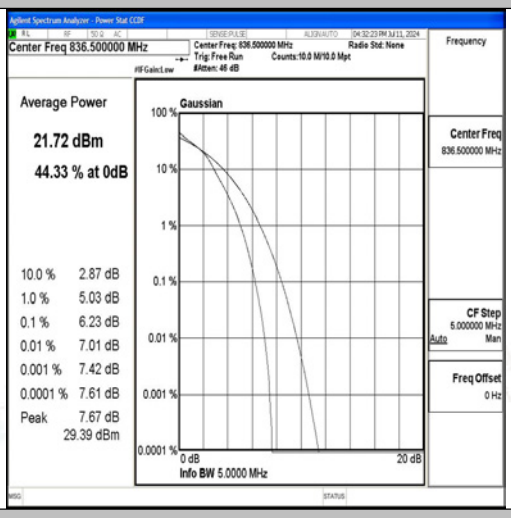

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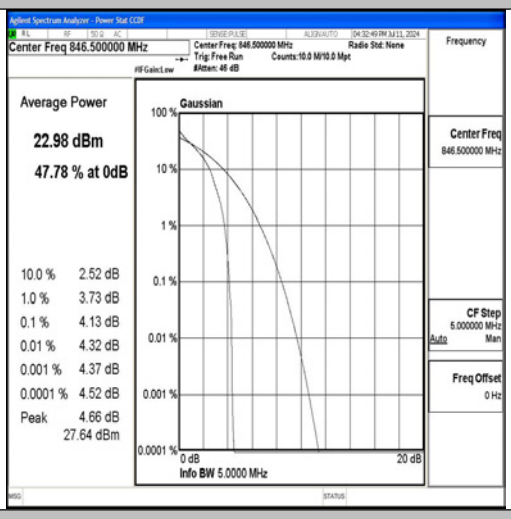

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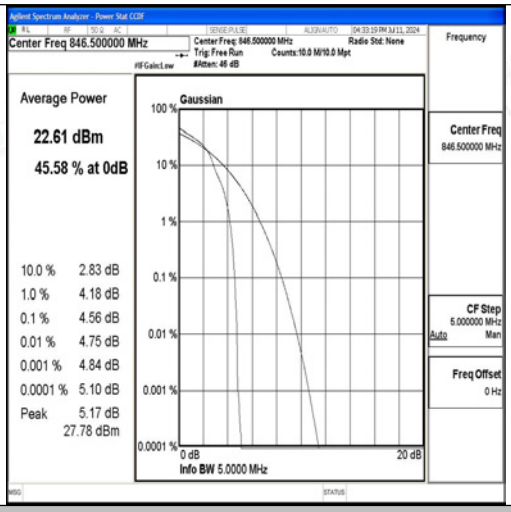

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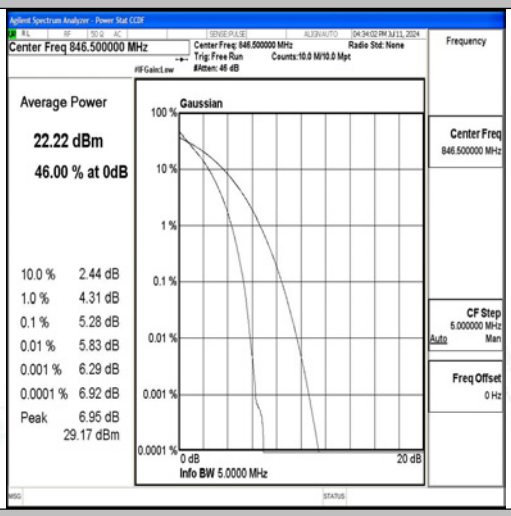
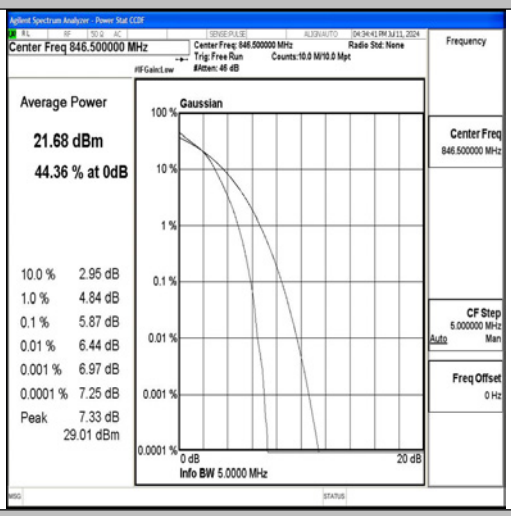


Band5-5MHz-QPSK-20625-25RB#0-PASS



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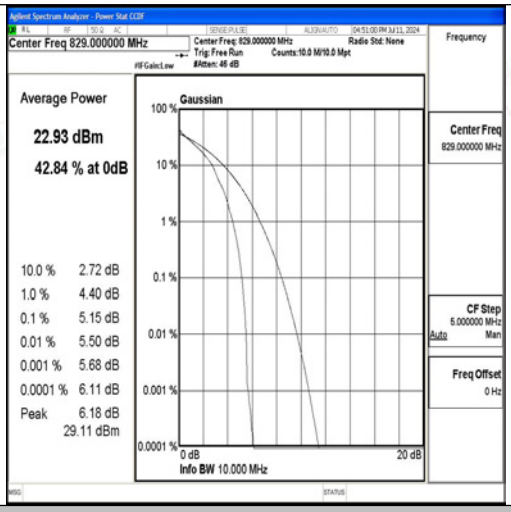
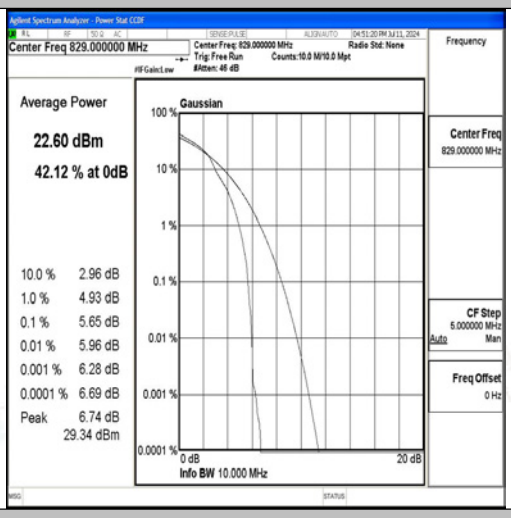


Band5-10MHz-QPSK-20450-1RB#0-PASS



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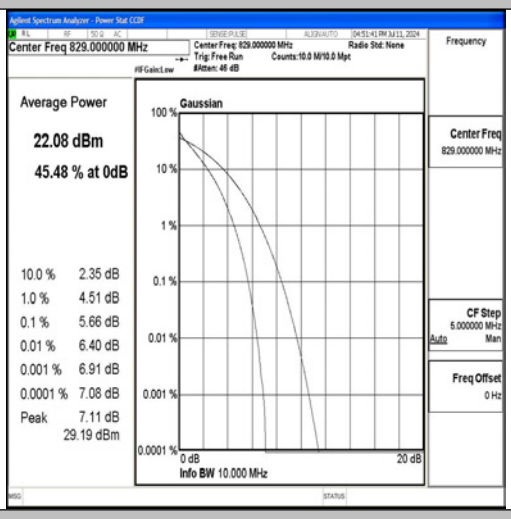

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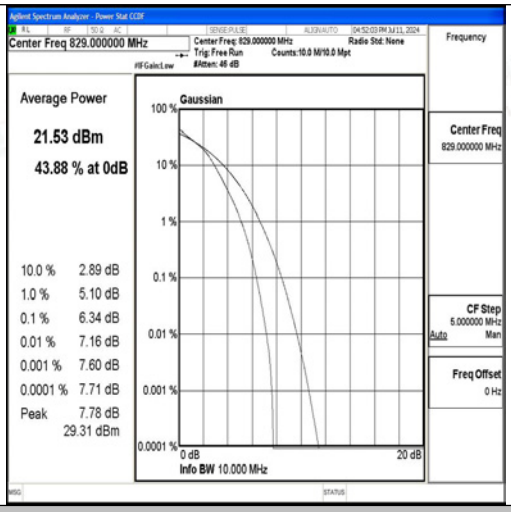

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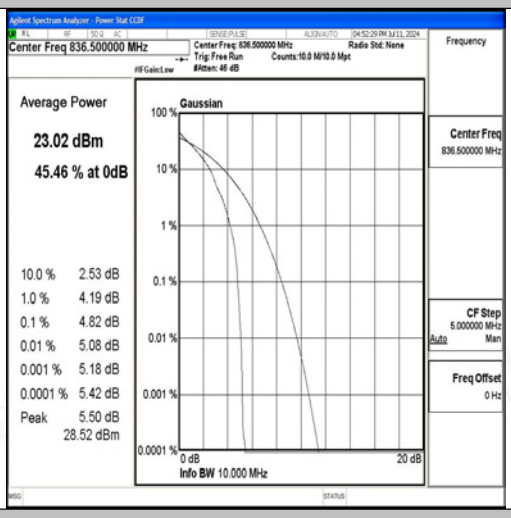

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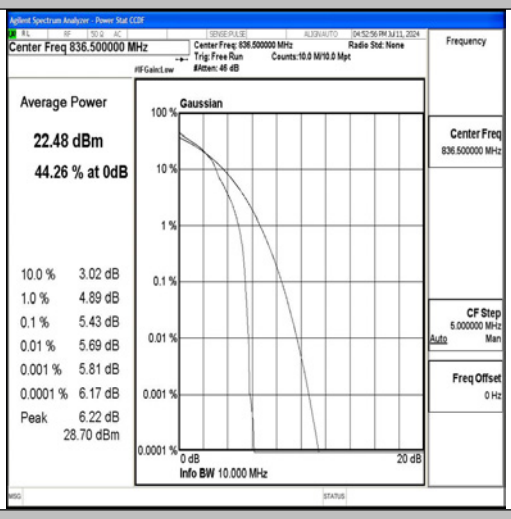

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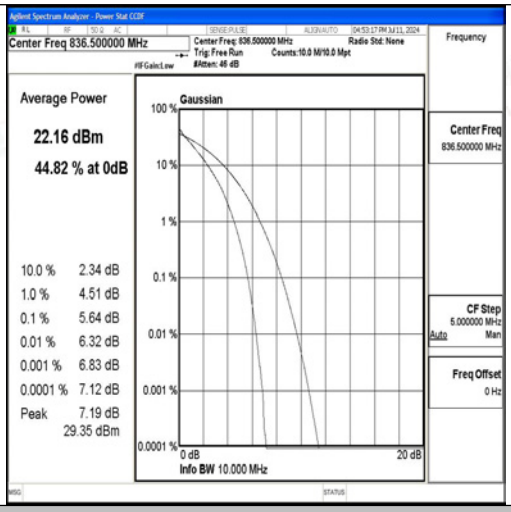

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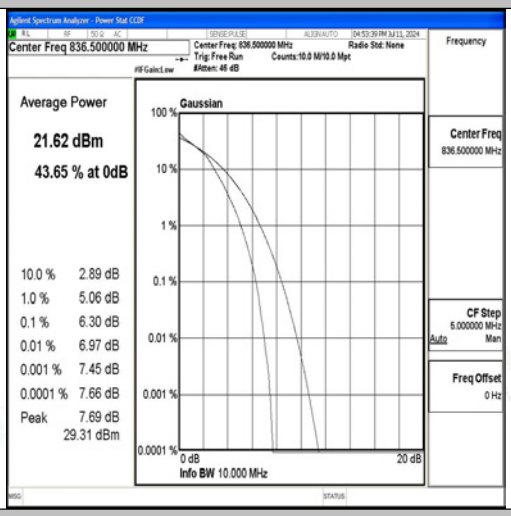
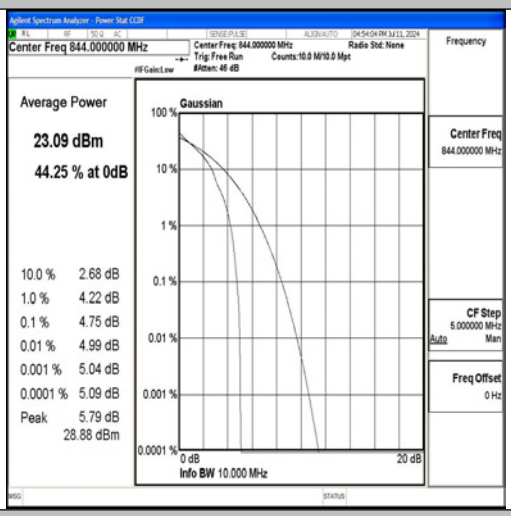
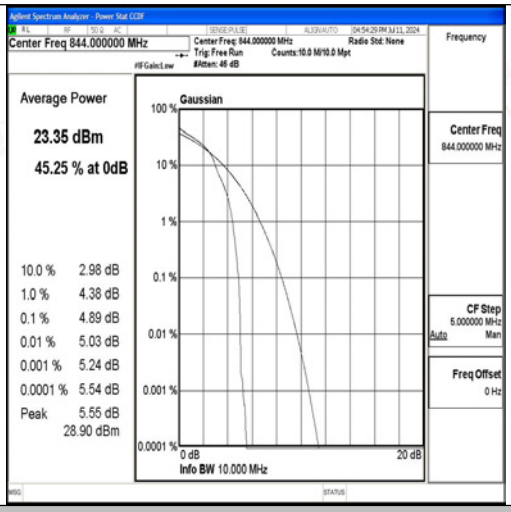


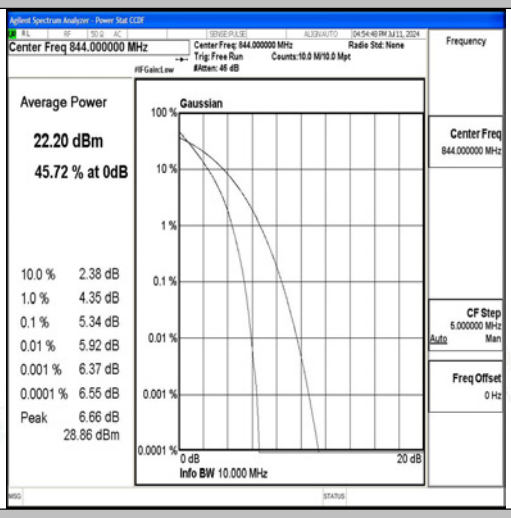
Band5-10MHz-16QAM-20525-50RB#0-PASS



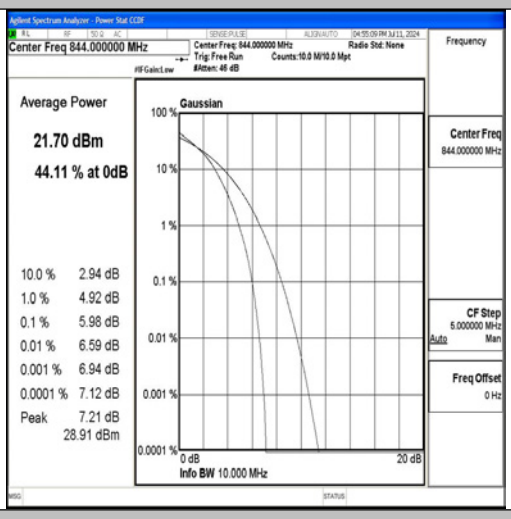
Band5-10MHz-QPSK-20600-1RB#0-PASS



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



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



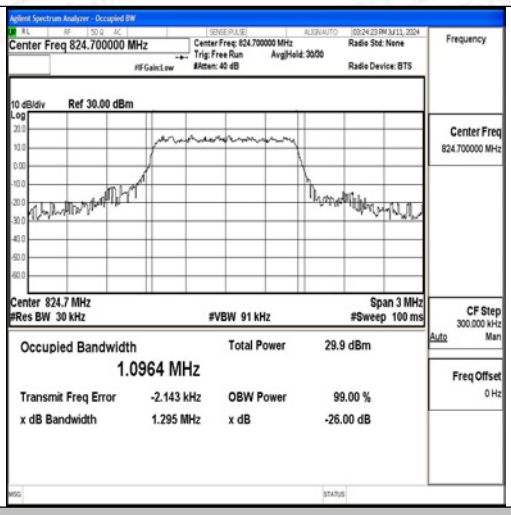
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.3 26dB Bandwidth and Occupied Bandwidth

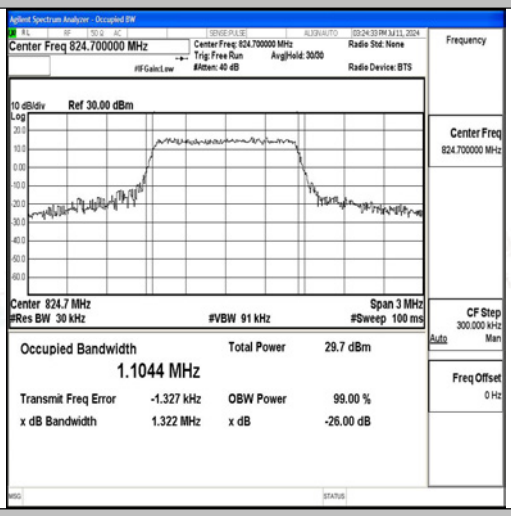
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0964	1.295	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1044	1.322	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0981	1.308	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1036	1.391	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0999	1.292	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0962	1.353	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7190	3.095	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6993	3.065	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7092	3.222	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7141	3.247	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7068	3.108	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7091	3.217	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5253	5.207	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5248	5.258	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5172	5.372	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5316	5.422	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5294	5.393	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5316	5.389	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9809	10.14	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9860	10.13	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0169	10.05	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9995	10.47	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9667	10.03	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9849	10.02	PASS

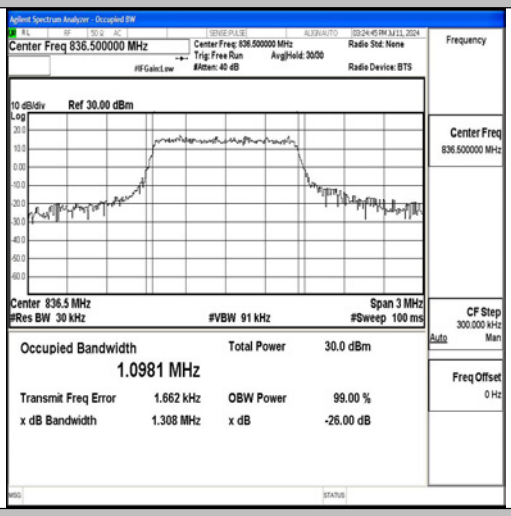
Test Graphs



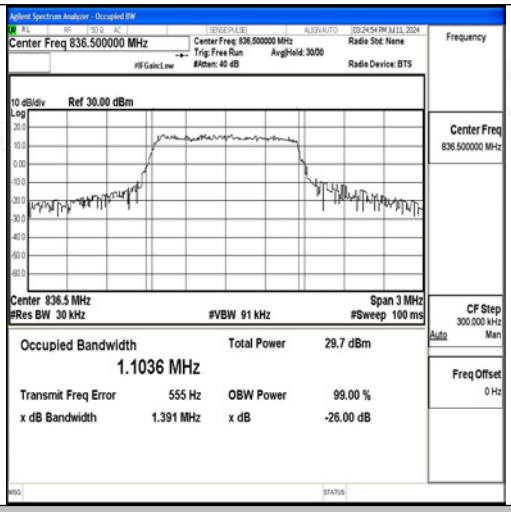
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



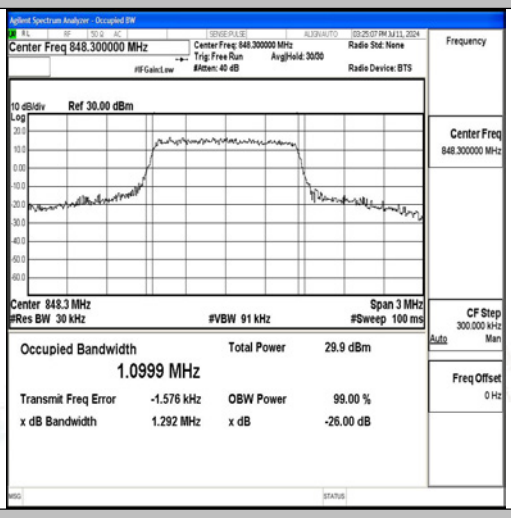
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



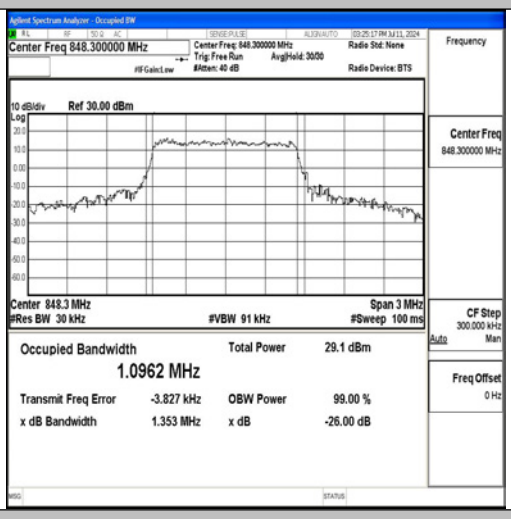
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



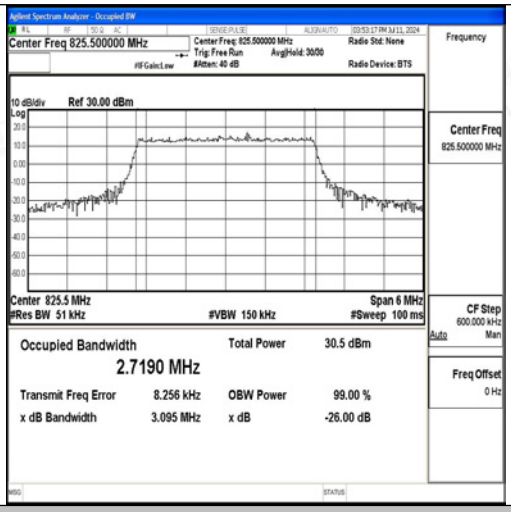
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



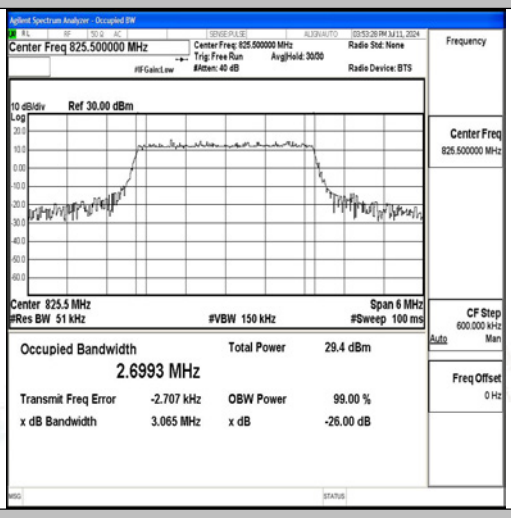
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



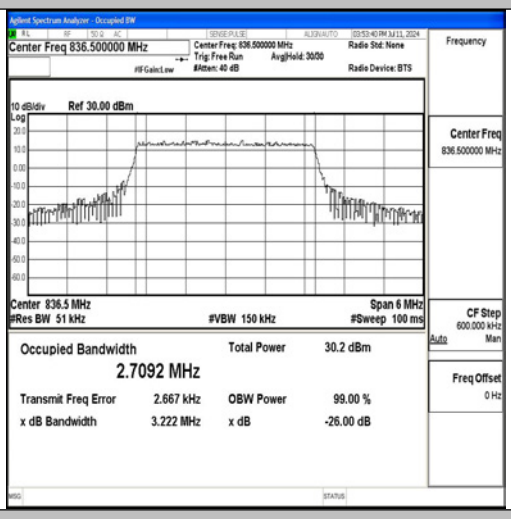
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



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



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



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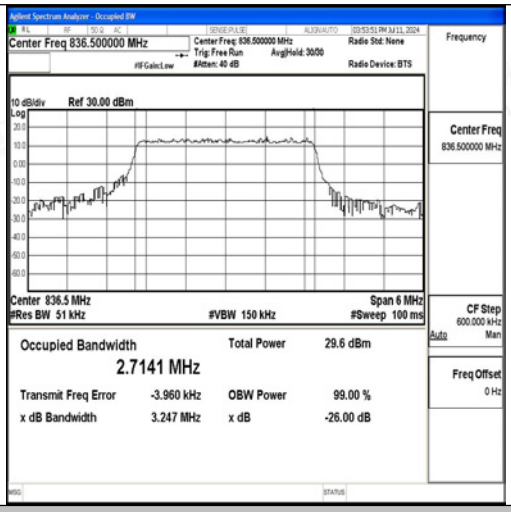
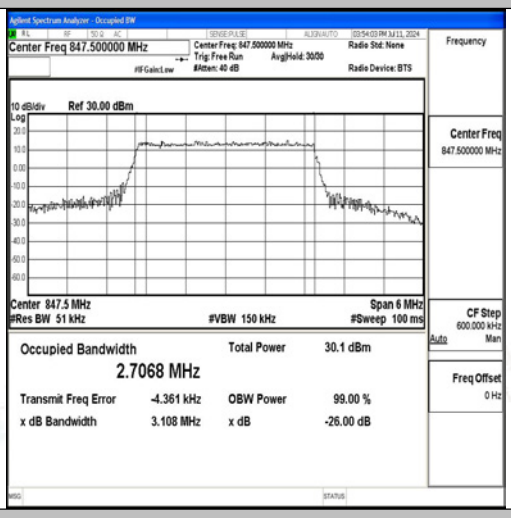
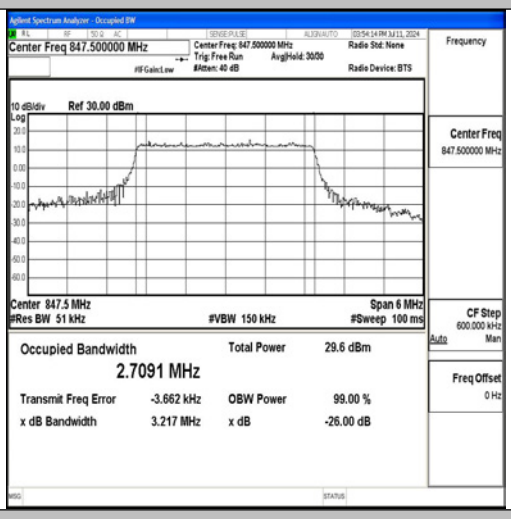


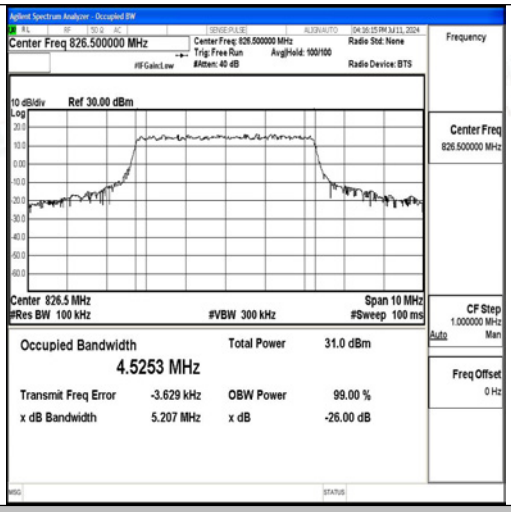
Band5-3MHz-16QAM-20525-15RB#0-PASS



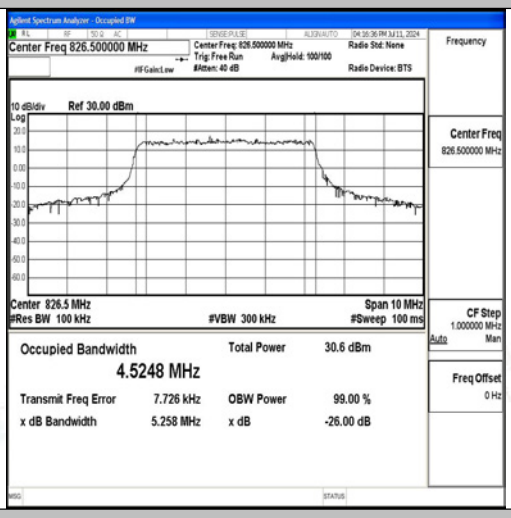
Band5-3MHz-QPSK-20635-15RB#0-PASS



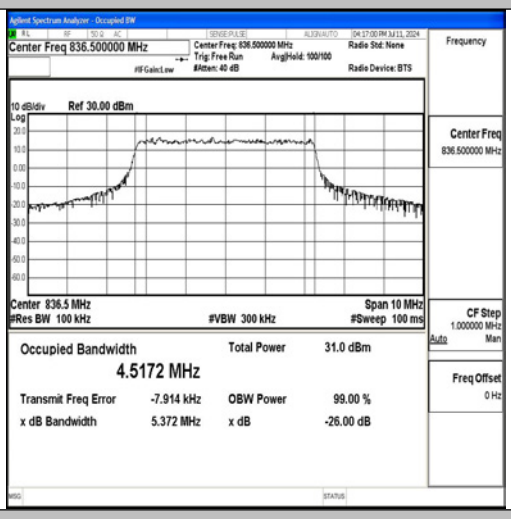
Band5-3MHz-16QAM-20635-15RB#0-PASS



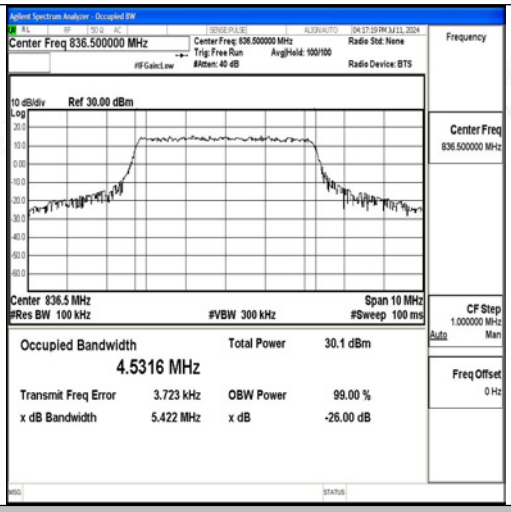
Band5-5MHz-QPSK-20425-25RB#0-PASS



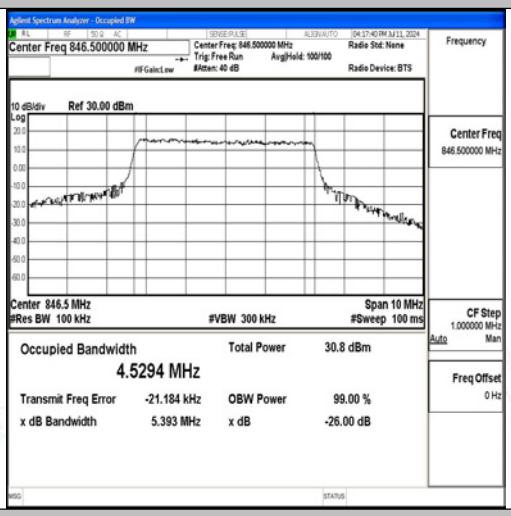
Band5-5MHz-16QAM-20425-25RB#0-PASS



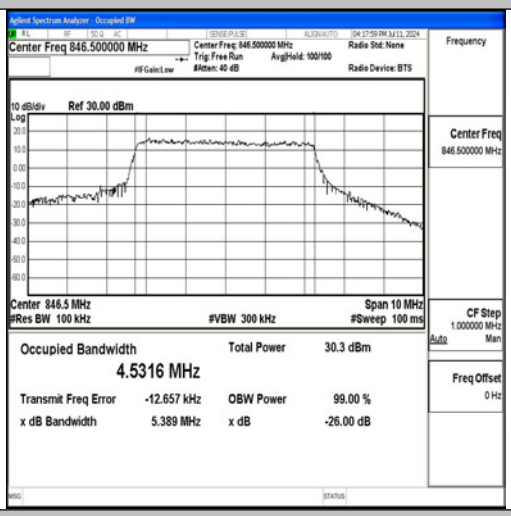
Band5-5MHz-QPSK-20525-25RB#0-PASS



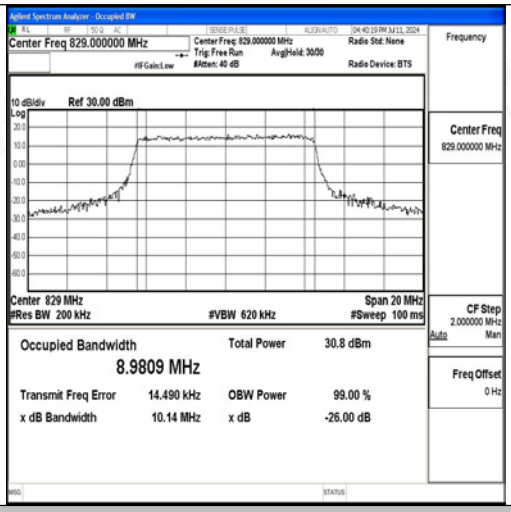
Band5-5MHz-16QAM-20525-25RB#0-PASS



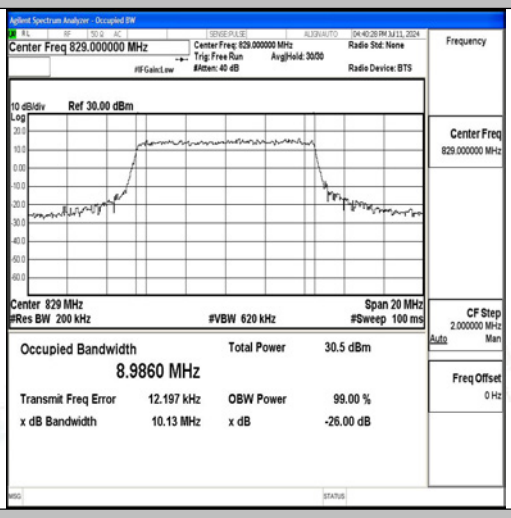
Band5-5MHz-QPSK-20625-25RB#0-PASS



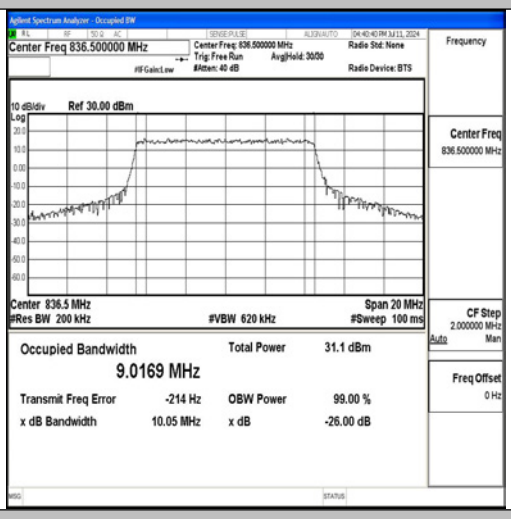
Band5-5MHz-16QAM-20625-25RB#0-PASS



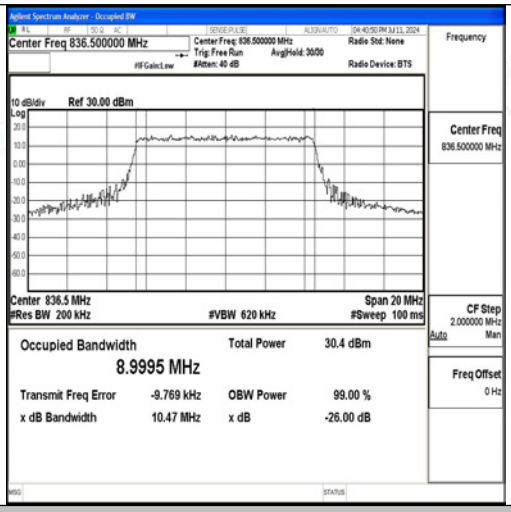
Band5-10MHz-QPSK-20450-50RB#0-PASS



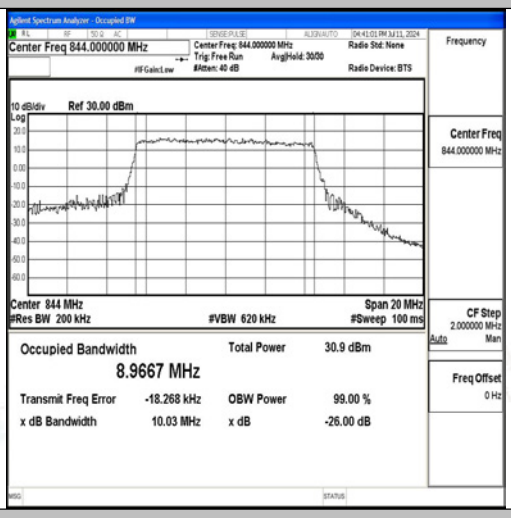
Band5-10MHz-16QAM-20450-50RB#0-PASS



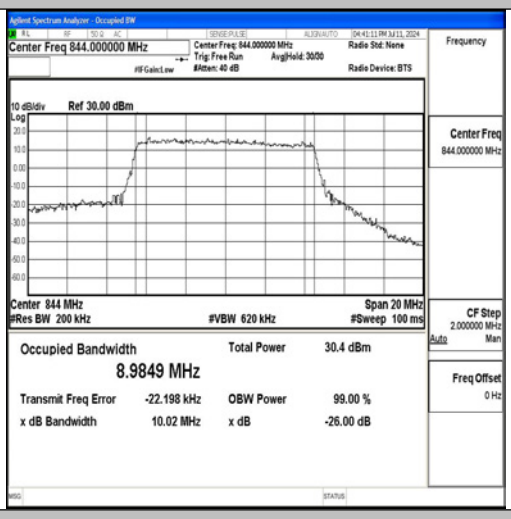
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



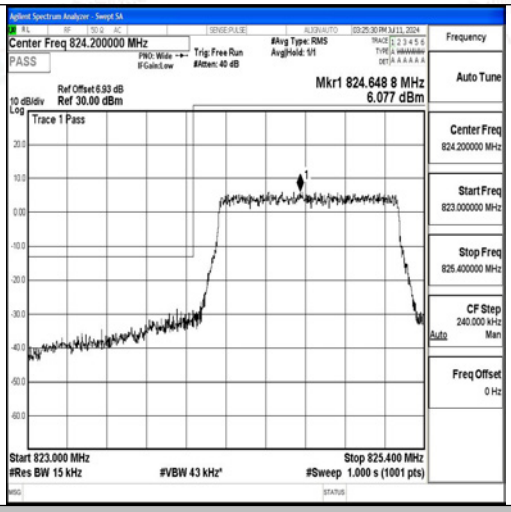
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.4 Band Edge

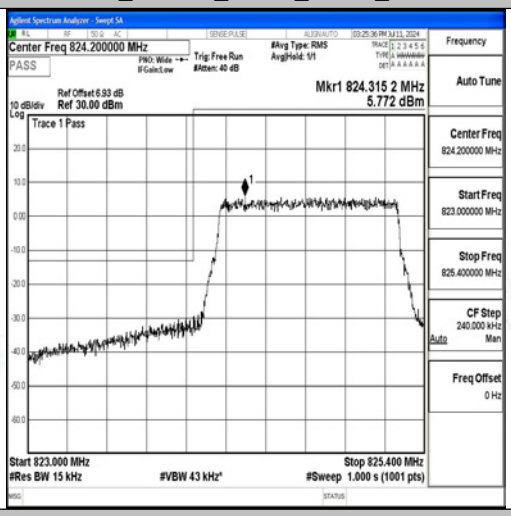
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.90	-28.47	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.96	-30.11	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.02	-27.31	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.10	-26.59	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-24.77	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-25.83	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-23.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-23.64	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.99	-28.96	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-28.65	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.02	-29.02	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.02	-27.58	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.96	-32.82	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.98	-33.53	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.03	-33.04	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.05	-33.03	PASS

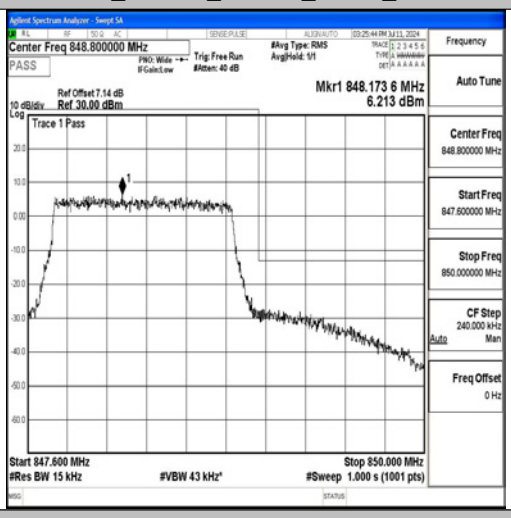
Test Graphs



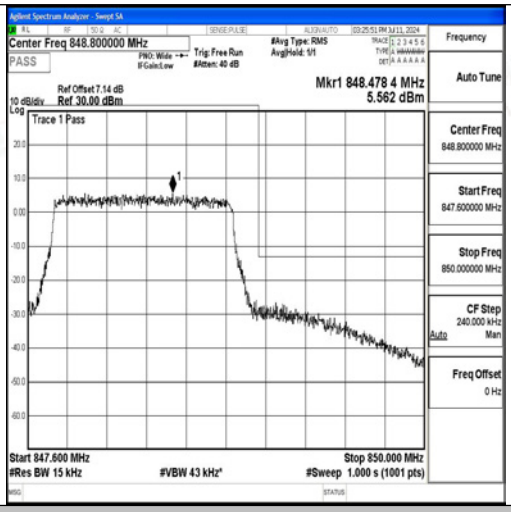
Band5_1.4MHz_QPSK_20407_6RB#0



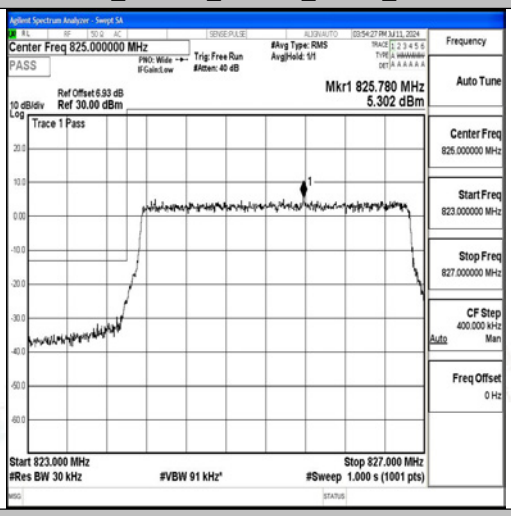
Band5_1.4MHz_16QAM_20407_6RB#0



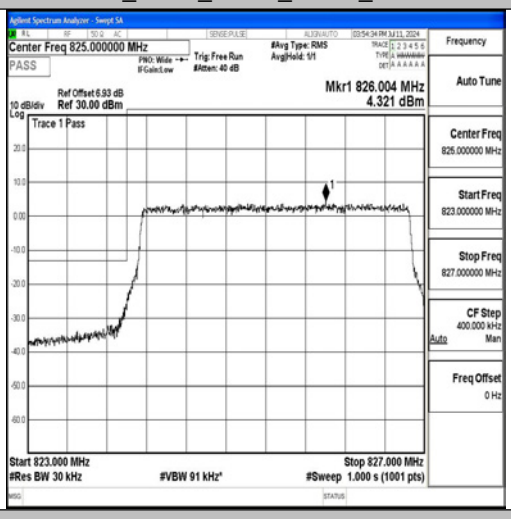
Band5_1.4MHz_QPSK_20643_6RB#0



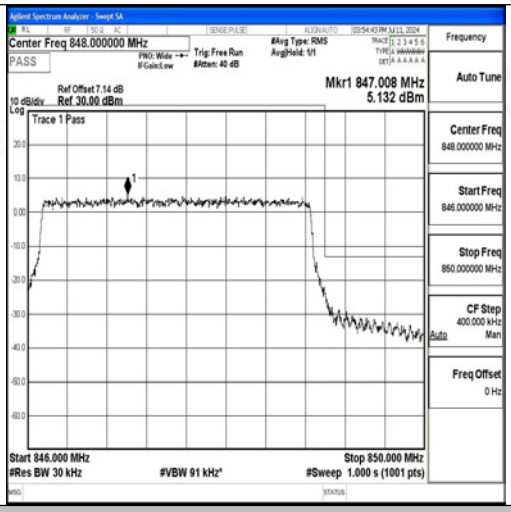
Band5_1.4MHz_16QAM_20643_6RB#0



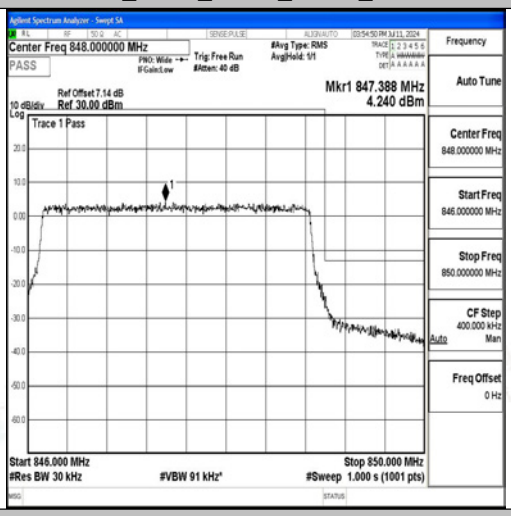
Band5_3MHz_QPSK_20415_15RB#0



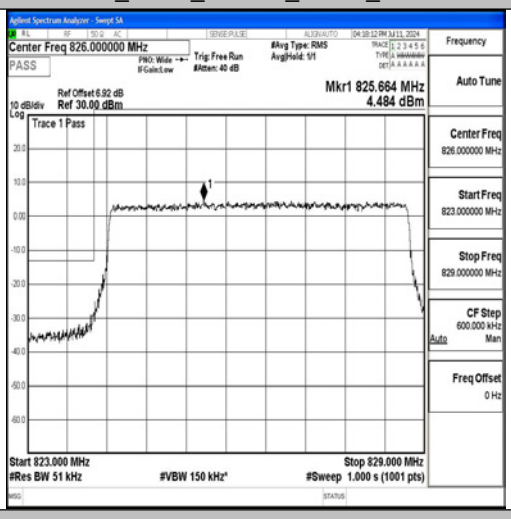
Band5_3MHz_16QAM_20415_15RB#0



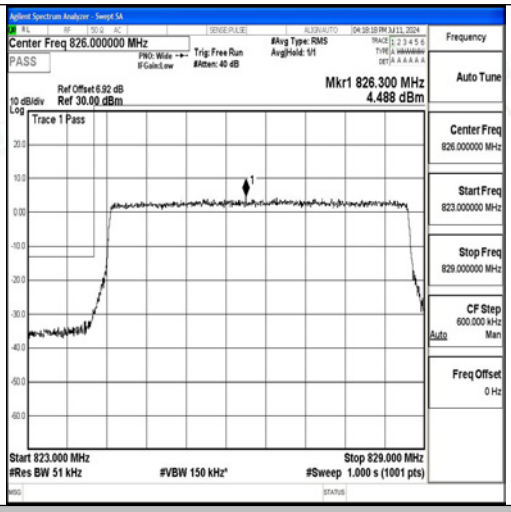
Band5_3MHz_QPSK_20635_15RB#0



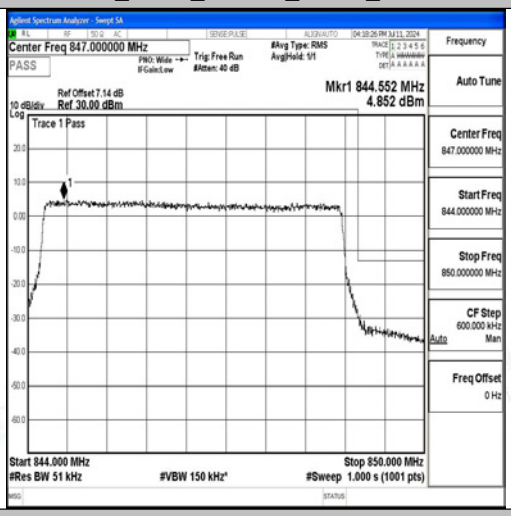
Band5_3MHz_16QAM_20635_15RB#0



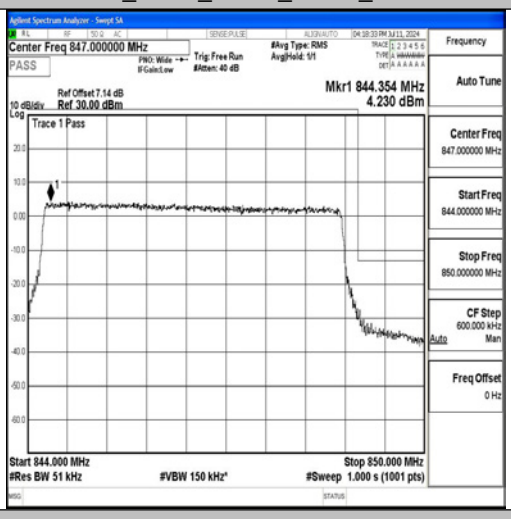
Band5_5MHz_QPSK_20425_25RB#0



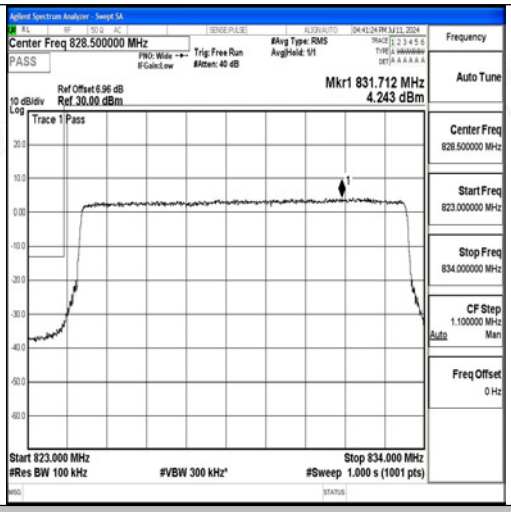
Band5_5MHz_16QAM_20425_25RB#0



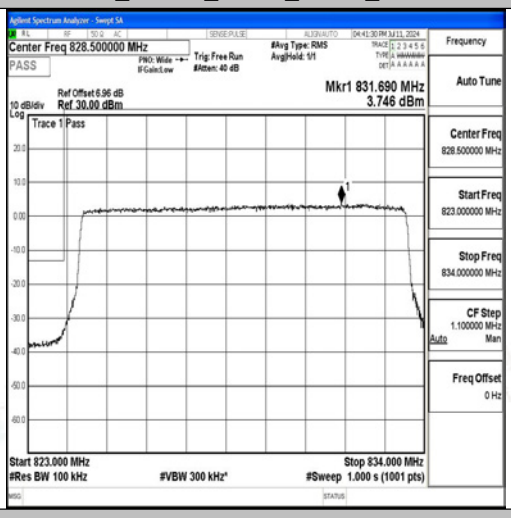
Band5_5MHz_QPSK_20625_25RB#0



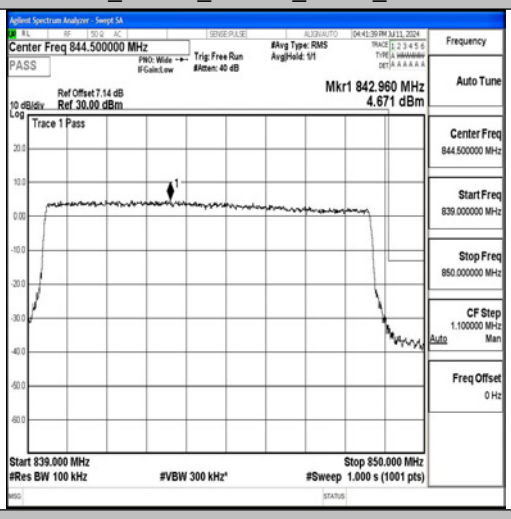
Band5_5MHz_16QAM_20625_25RB#0



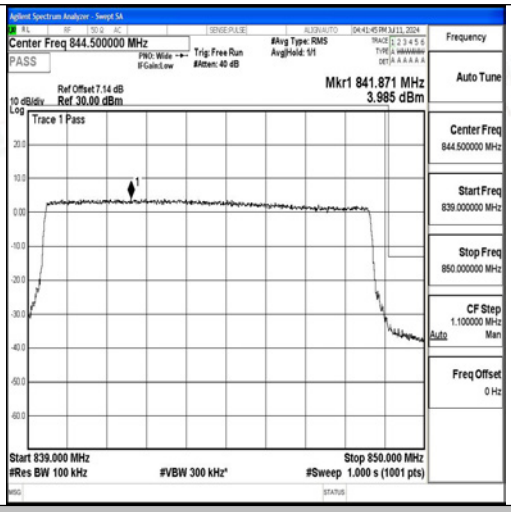
Band5_10MHz_QPSK_20450_50RB#0



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

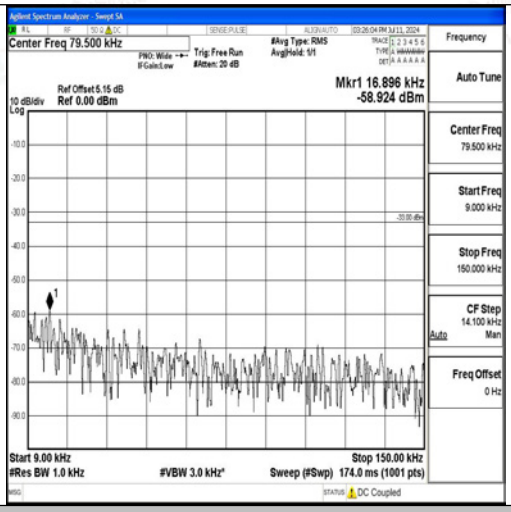
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-58.92	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-51.20	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-45.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.70	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.22	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-54.03	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-51.98	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-42.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-40.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-55.41	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-51.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-46.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.15	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.20	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-60.67	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-51.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-44.50	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-42.42	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.04	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-56.49	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-54.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-44.33	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-40.89	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-43.97	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	-51.53	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-45.70	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-40.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.40	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.04	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-51.75	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-48.78	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-41.91	PASS

Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.49	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-53.91	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-47.77	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.48	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.07	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-59.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-50.65	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-48.81	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.47	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.74	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-58.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-50.60	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-47.75	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-42.02	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.14	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-56.16	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.82	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-47.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.30	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.02	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-57.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-52.39	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-47.57	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-40.52	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-58.38	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-53.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-57.40	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-42.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.21	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-59.18	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-55.53	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-60.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-41.03	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.33	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-55.82	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.43	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-58.41	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.50	PASS

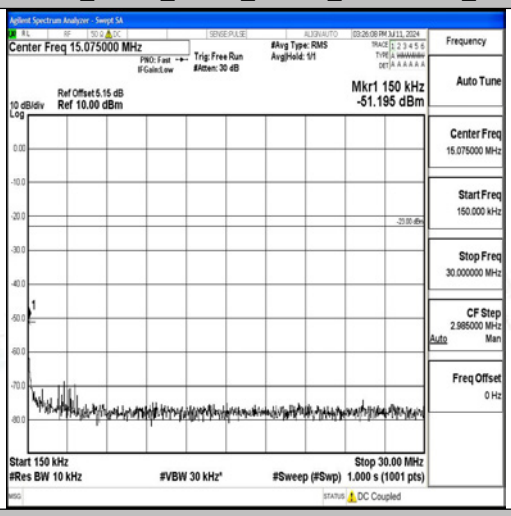
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.27	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-57.95	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-52.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.39	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-42.74	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.23	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-52.90	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-57.85	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-44.28	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-43.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-57.17	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.42	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-58.58	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.36	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-43.90	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-57.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-53.25	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-41.88	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-43.99	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-58.54	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.72	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.87	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.86	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.00	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-57.24	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.16	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.81	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.37	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-43.90	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-58.47	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-50.80	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.65	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-42.39	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.22	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-58.78	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.56	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-44.82	PASS

Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.07	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-59.18	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-51.64	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.62	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-44.89	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-43.45	PASS

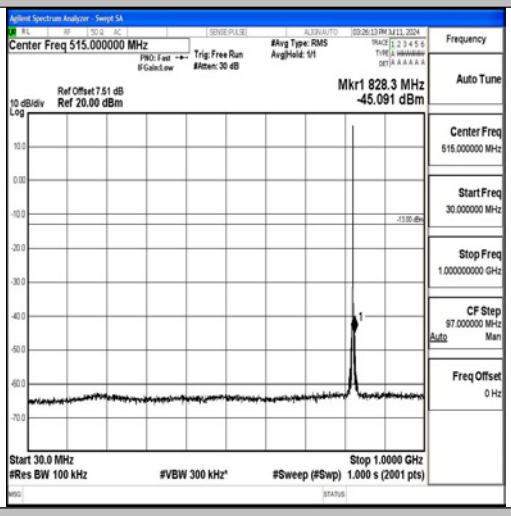
Test Graphs



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