Appendix C: Test Data for E-UTRA Band 5

Product Name: Medical Alarm System

Test Model: T30H-G

Environmental Conditions

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

C.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.60	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.59	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.57	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.56	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.48	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.47	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.48	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.52	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.51	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.92	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.83	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.54	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.65	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.69	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.77	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.21	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.77	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.21	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.90	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.20	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.00	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.26	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.17	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.24	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.06	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.52	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	23.17	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.50	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.82	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.64	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.44	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.17	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.33	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.80	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.41	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.80	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.38	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.55	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.49	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.16	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.50	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.16	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.67	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.11	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.39	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.83	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.49	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.20	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.27	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.57	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.37	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.67	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.29	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.69	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.31	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.95	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.34	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.75	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.05	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.43	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.53	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.30	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.30	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.35	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.23	PASS

Band5	3MHz	QPSK	20635	8RB#0	22.70	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.30	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.73	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.31	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.54	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.05	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.61	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.04	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.36	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.20	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.41	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.23	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.51	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.33	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.50	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.96	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.51	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.93	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.24	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.98	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.42	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.00	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.43	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.47	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.34	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.39	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.51	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.56	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.74	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.28	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.61	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.30	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.75	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.29	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.92	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.22	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.59	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.97	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.47	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.89	PASS

Band5	5MHz	QPSK	20625	1RB#24	21.93	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.62	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.83	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.26	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.87	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.18	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.71	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.02	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.73	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.17	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.99	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.37	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.94	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.24	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.03	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.65	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.95	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.55	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.90	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.68	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.95	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.55	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.16	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.55	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.99	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.71	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.35	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.64	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.28	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.69	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.35	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.71	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.36	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.74	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.35	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.79	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.26	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.69	PASS

Band5	10MHz	QPSK	20600	1RB#24	23.50	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.59	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.78	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.27	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.87	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.24	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.81	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.20	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.66	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.48	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.77	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.26	PASS

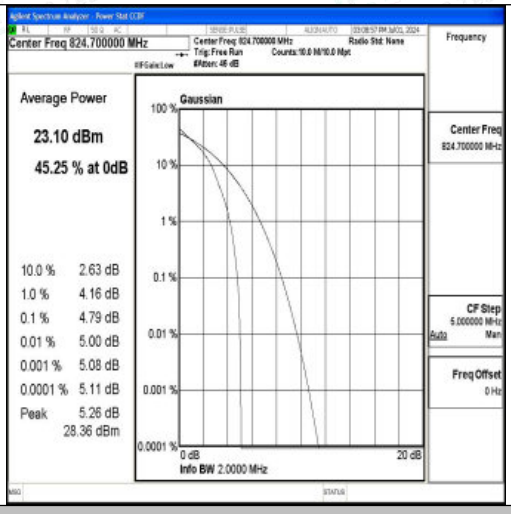
C.2 Peak-to-Average Ratio(CCDF)

Test Result

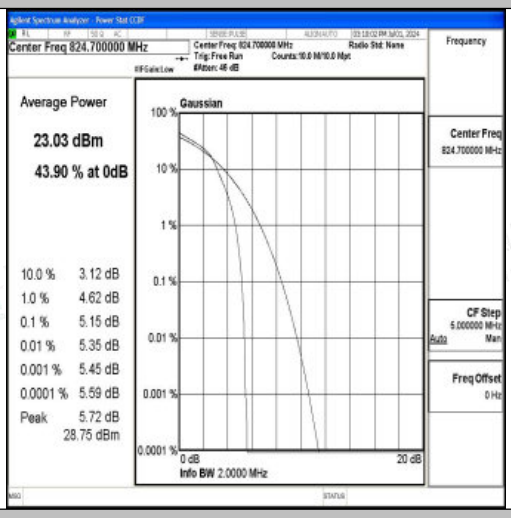
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.79	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.15	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.61	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.22	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.56	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.50	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.45	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.99	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.44	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.19	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.44	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.44	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.94	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.59	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.75	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.41	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.66	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.13	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.52	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.13	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.64	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.58	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.44	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.13	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.03	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.76	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.75	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.33	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.80	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.26	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.58	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.17	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.98	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.47	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.18	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.80	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	4.71	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.69	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.59	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.25	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.61	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.14	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.29	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.92	13	PASS

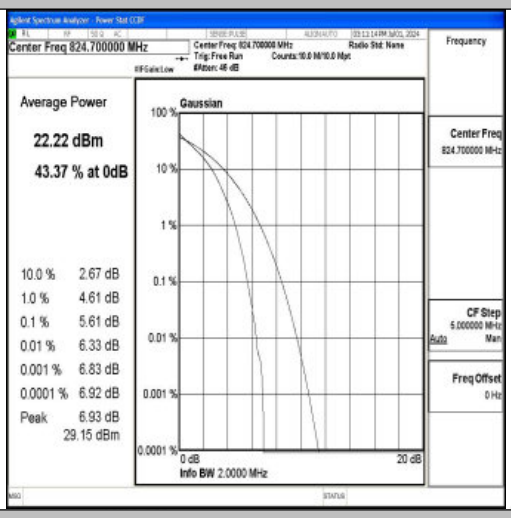
Test Graphs



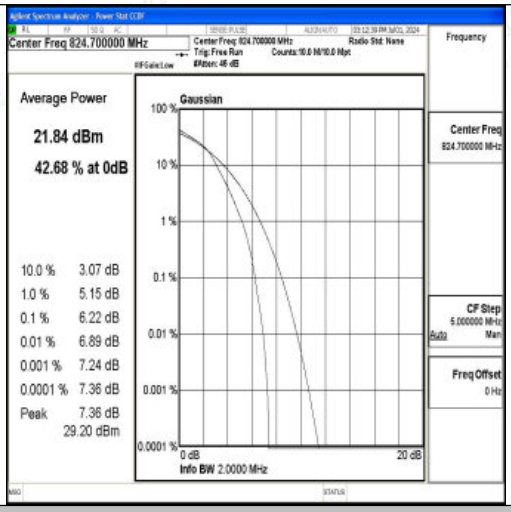
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



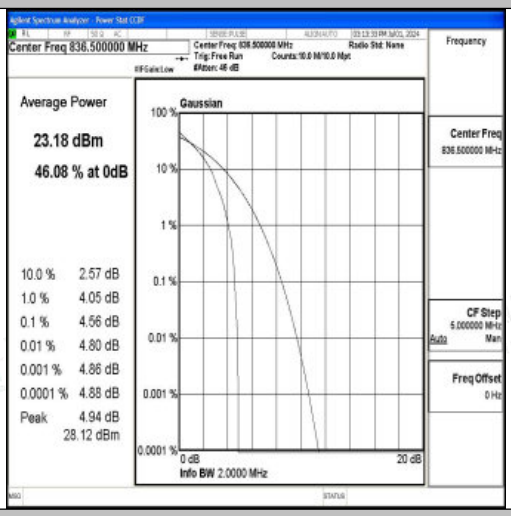
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



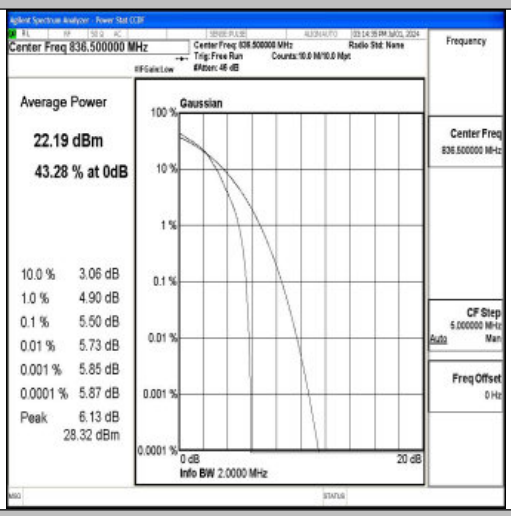
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



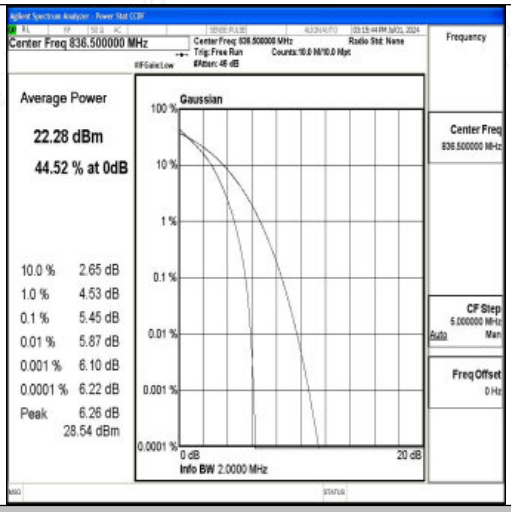
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



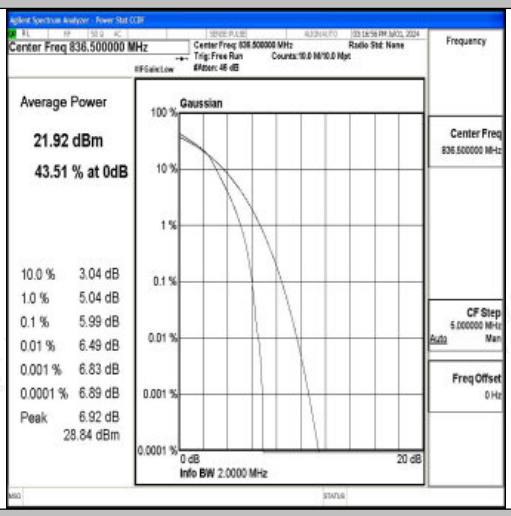
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



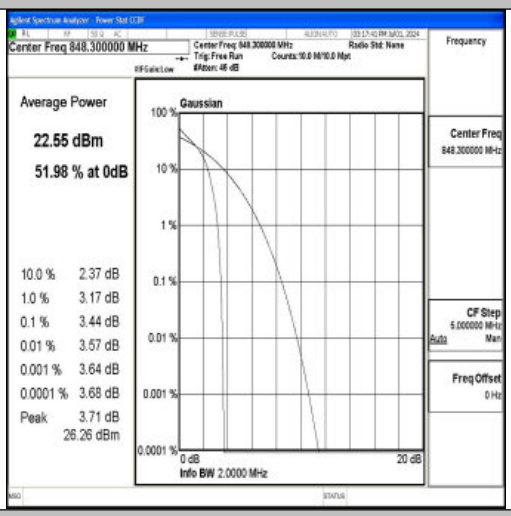
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



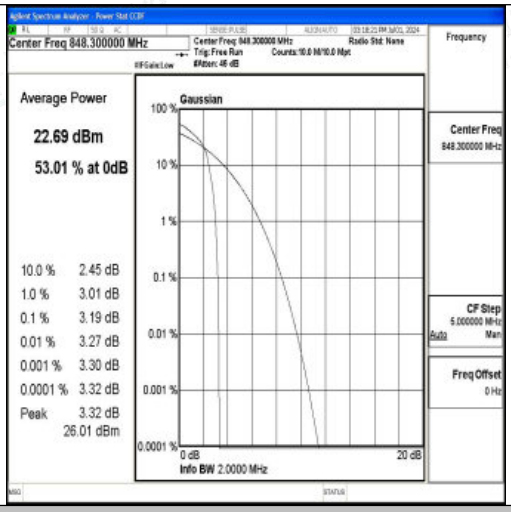
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



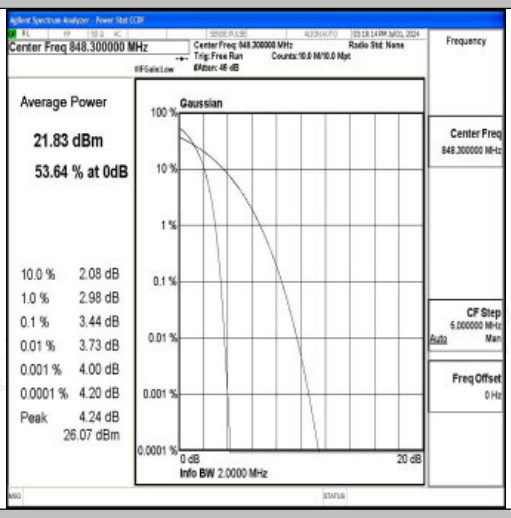
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



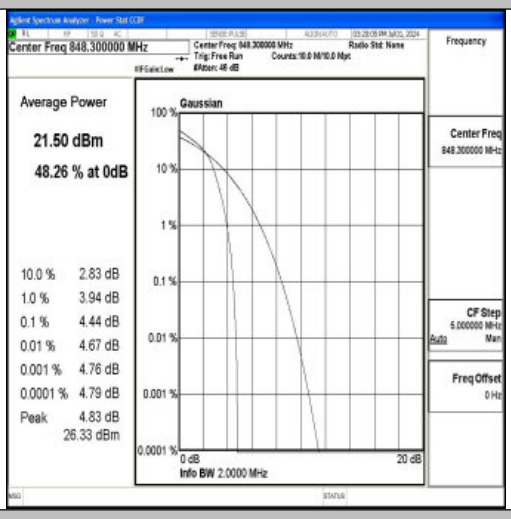
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



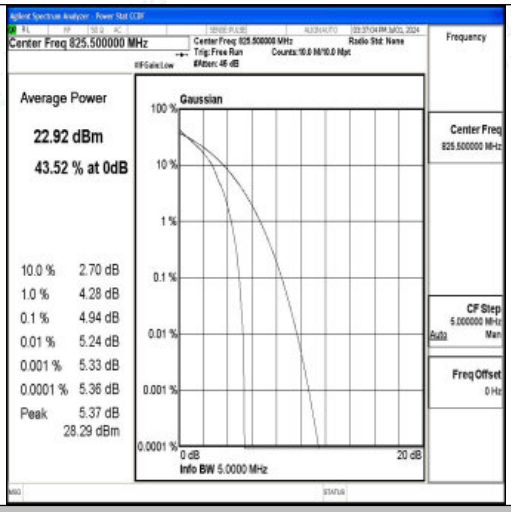
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



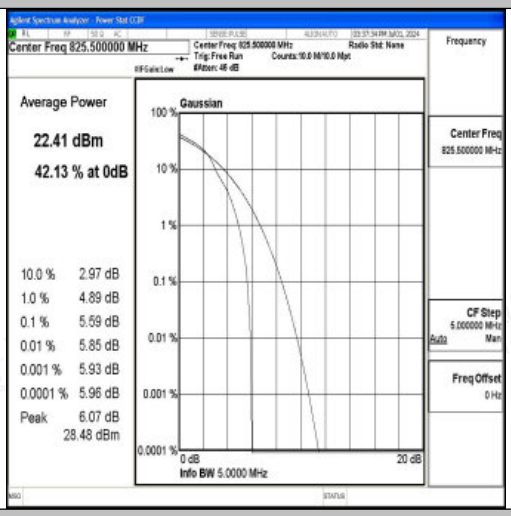
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



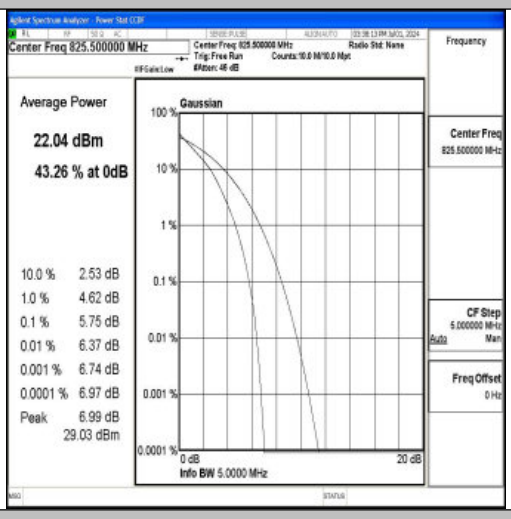
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



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



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



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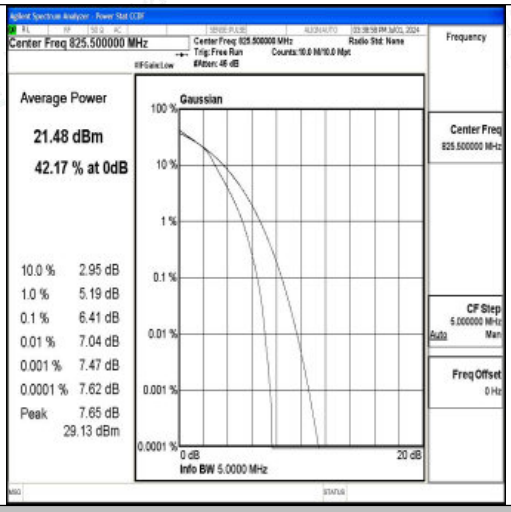

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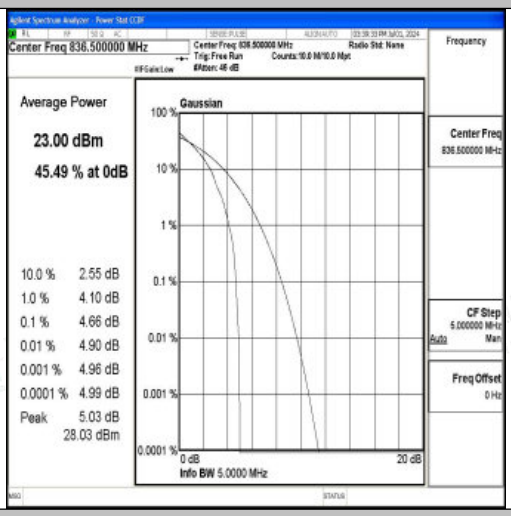
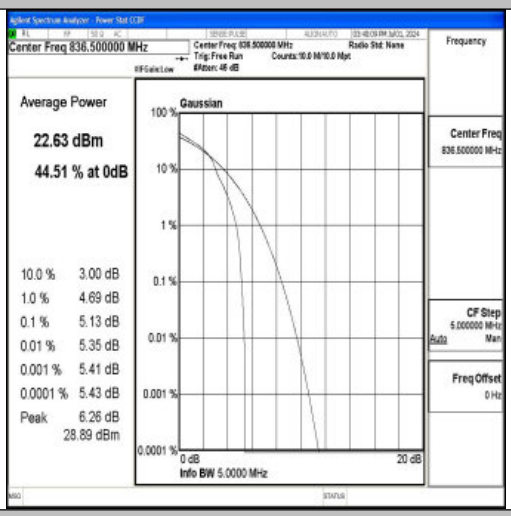


Band5-3MHz-QPSK-20525-1RB#0-PASS



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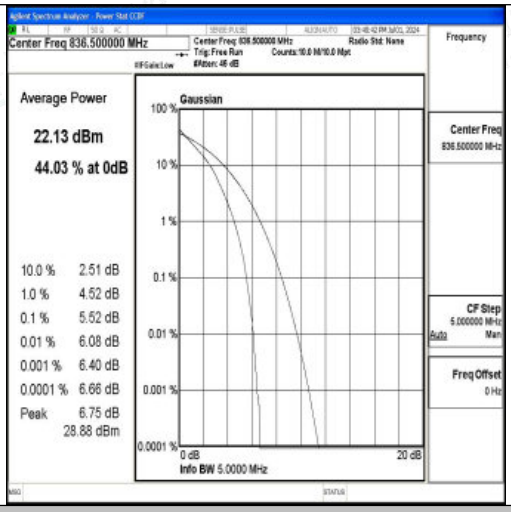

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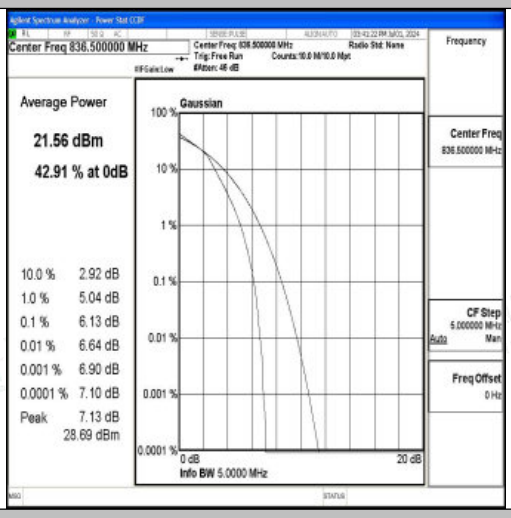

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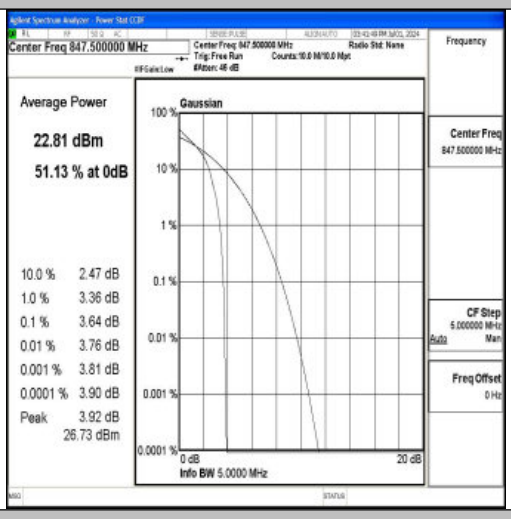

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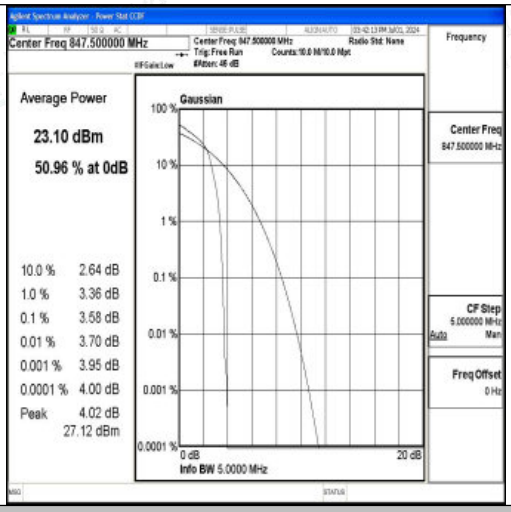

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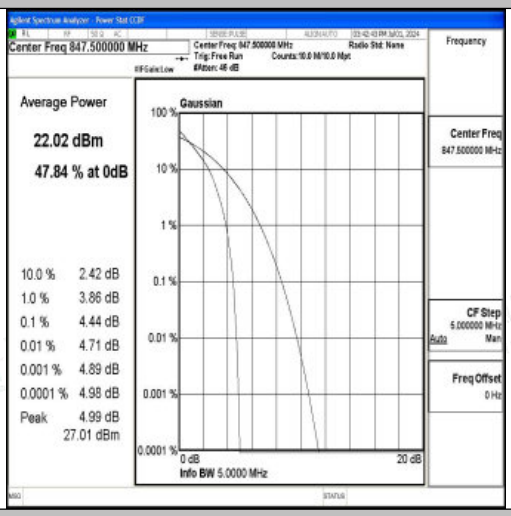

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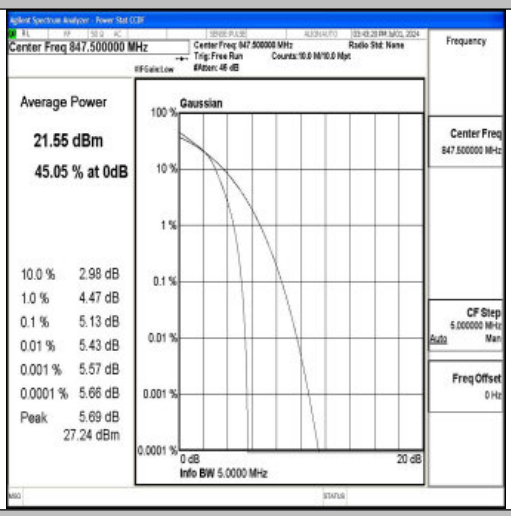

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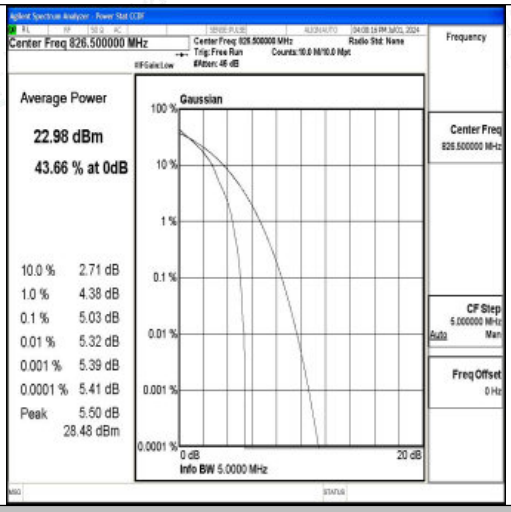
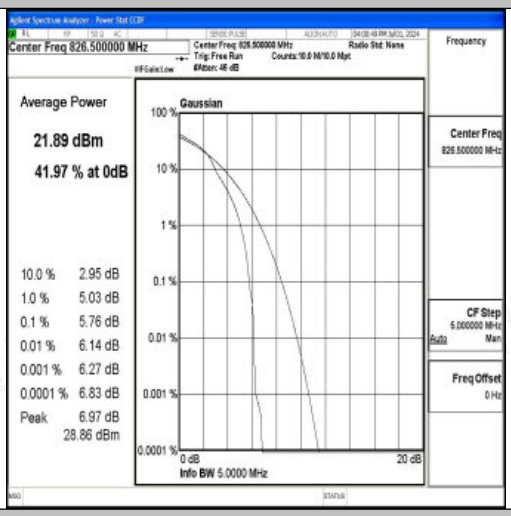


Band5-5MHz-QPSK-20425-1RB#0-PASS



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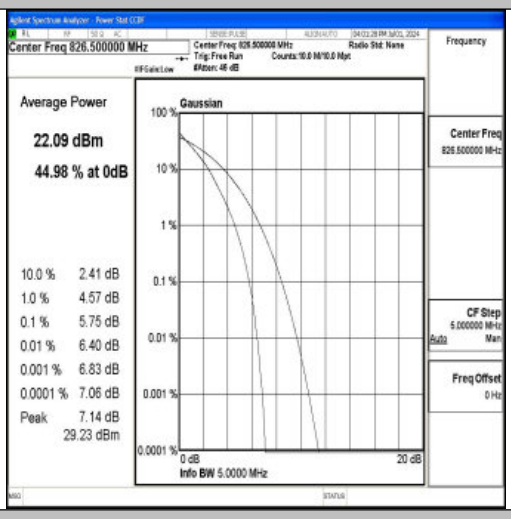

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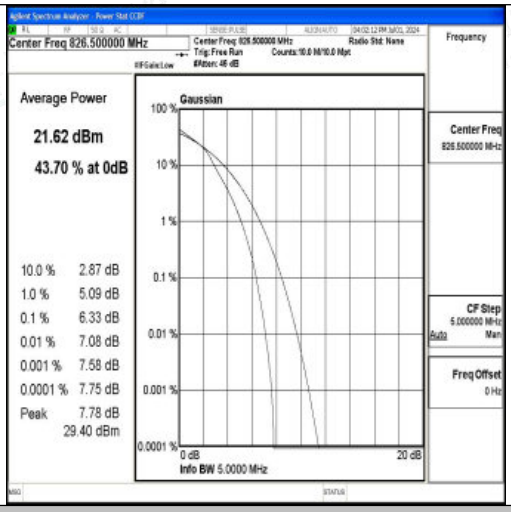

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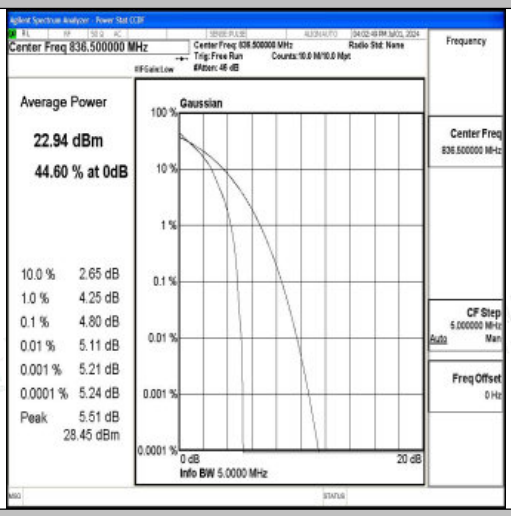

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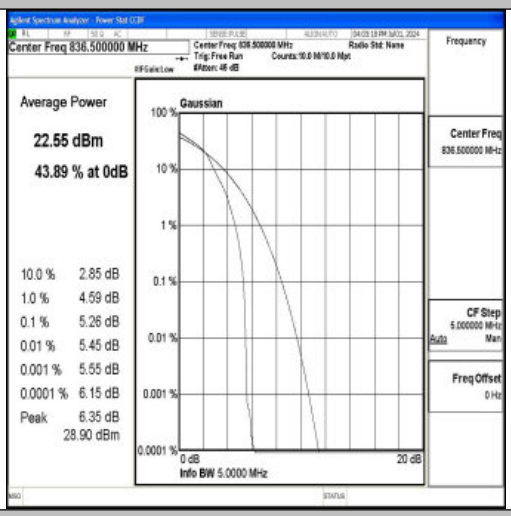

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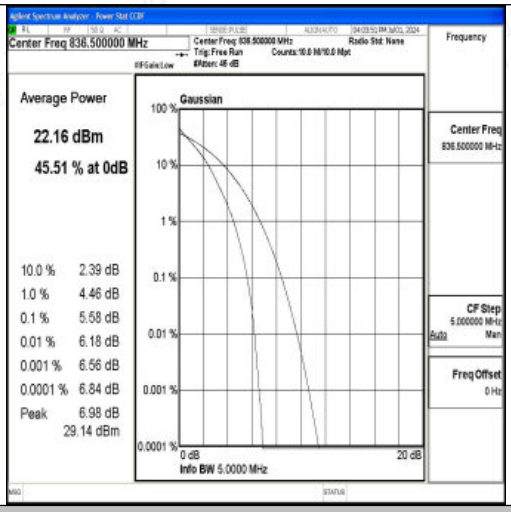

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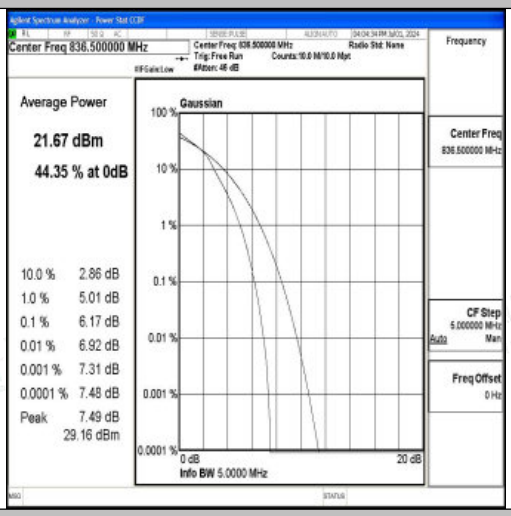

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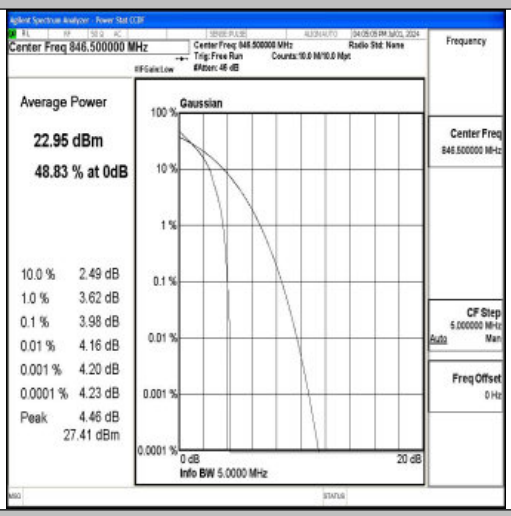

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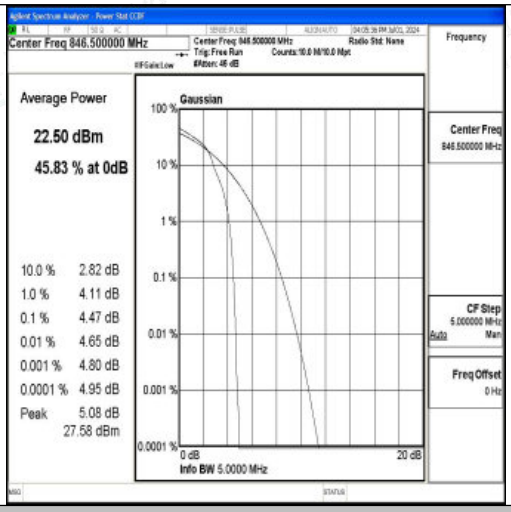

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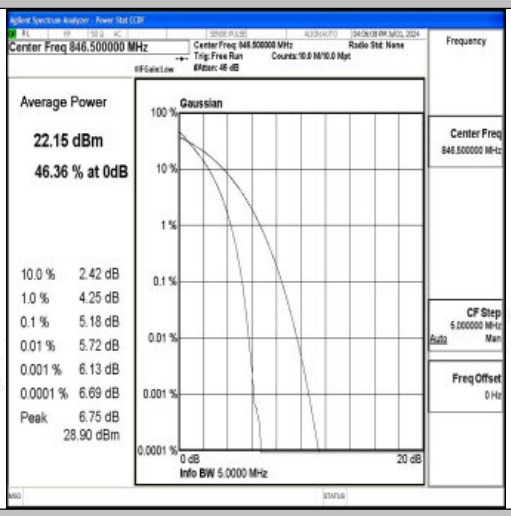

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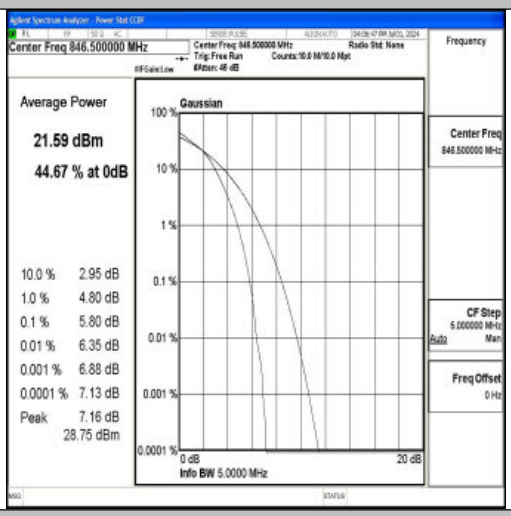

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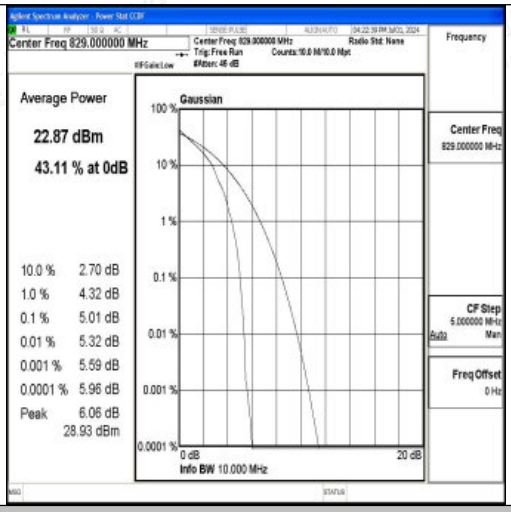

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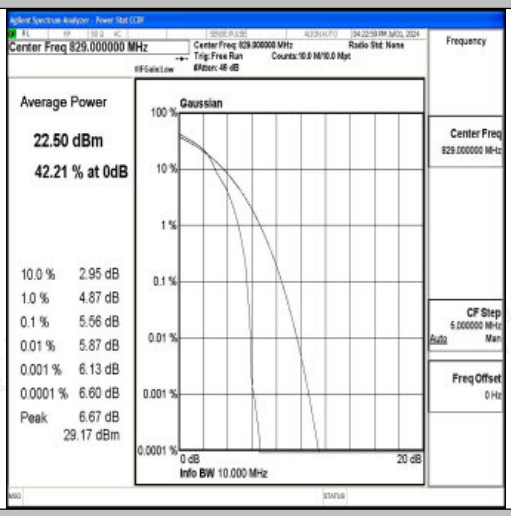

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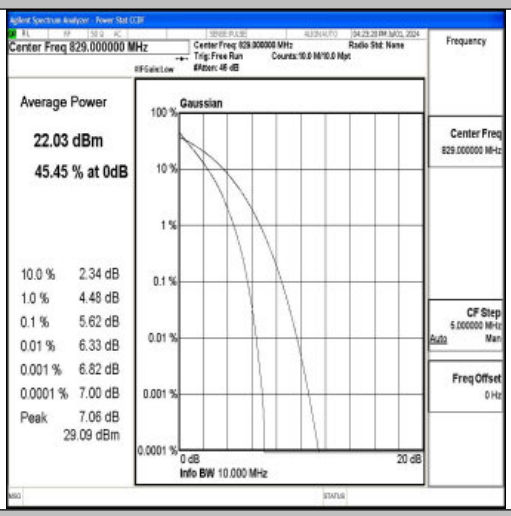

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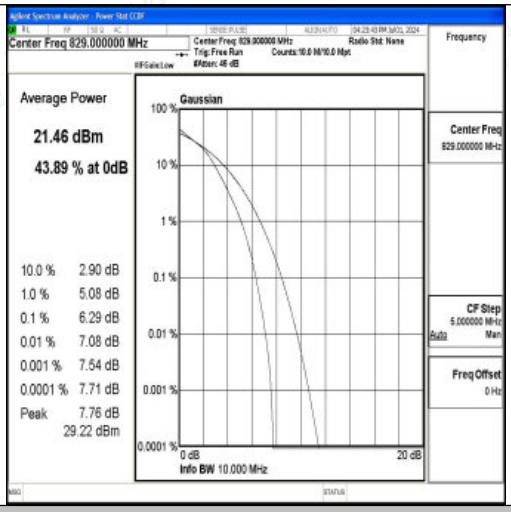

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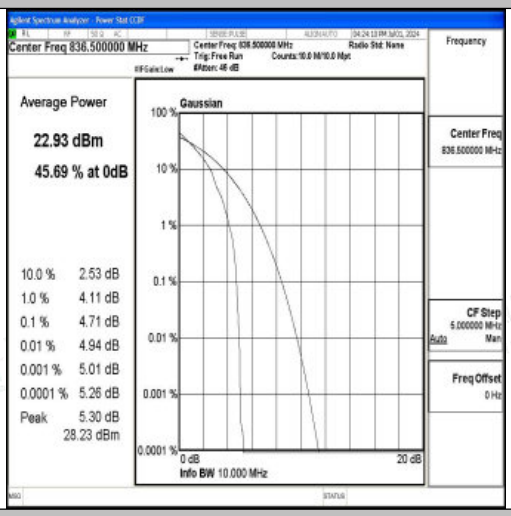

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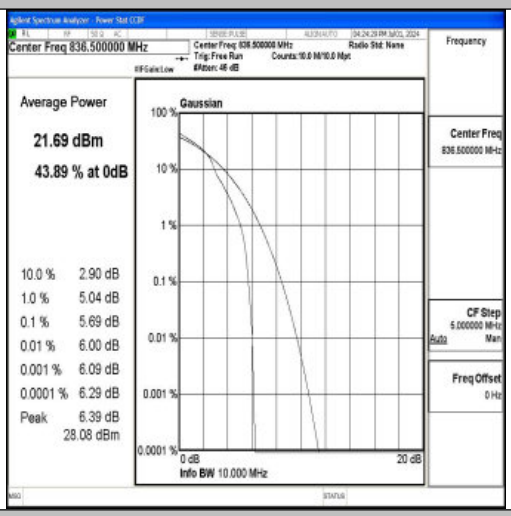

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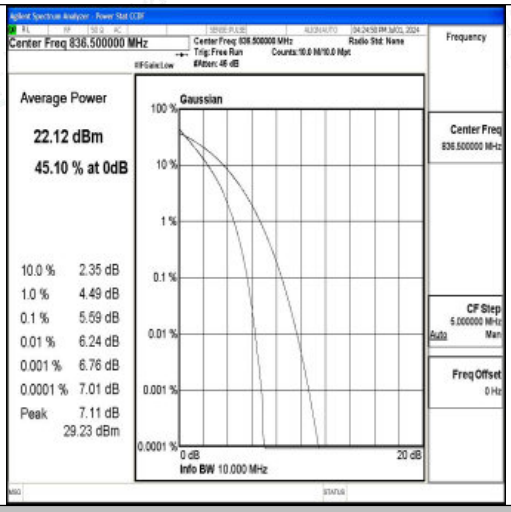

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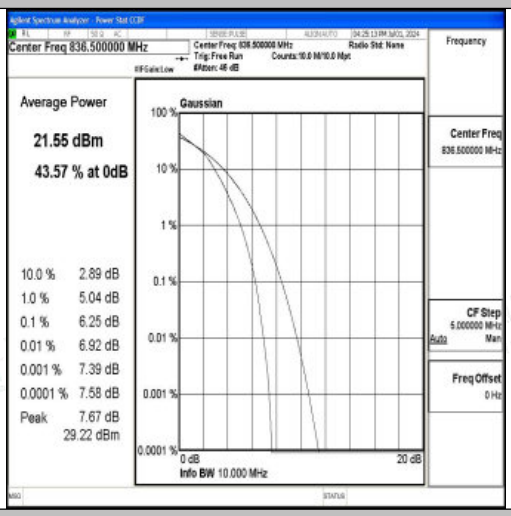

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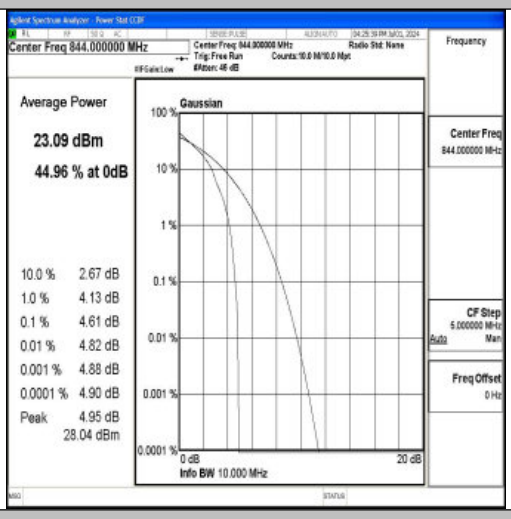
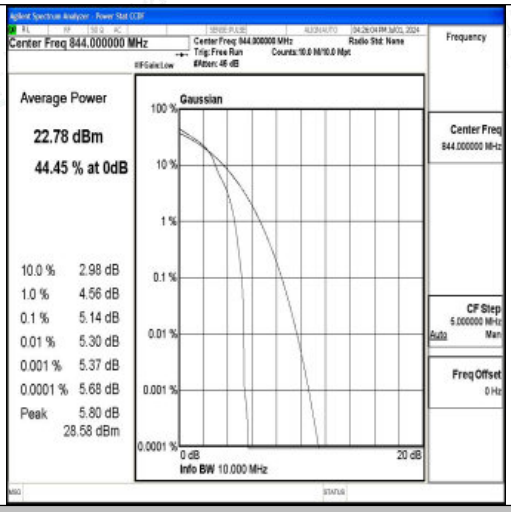
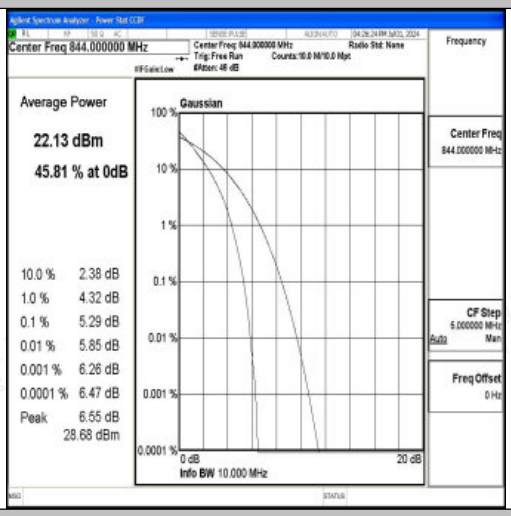


Band5-10MHz-QPSK-20600-1RB#0-PASS



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



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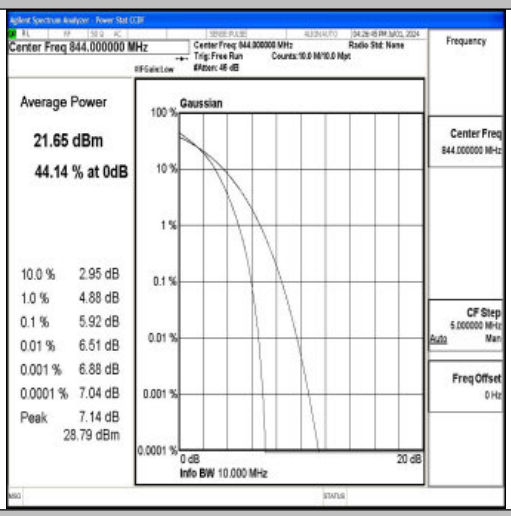


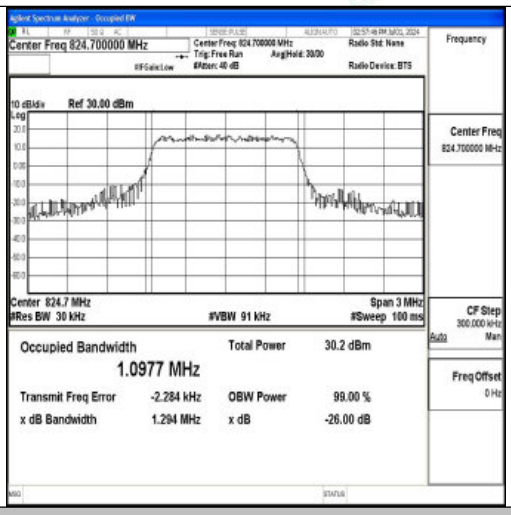
Band5-10MHz-16QAM-20600-50RB#0-PASS

C.3 26dB Bandwidth and Occupied Bandwidth

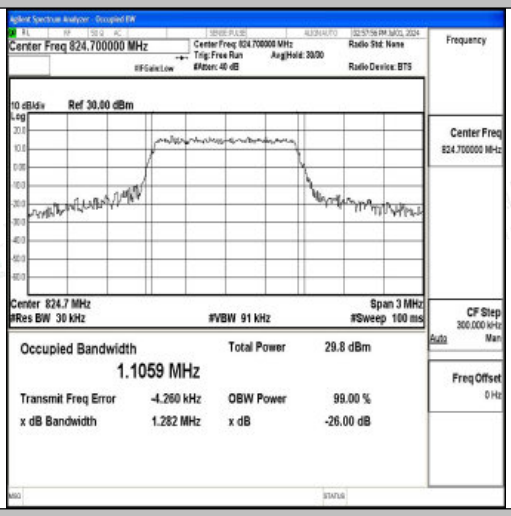
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0977	1.294	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1059	1.282	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1001	1.285	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0983	1.265	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1183	1.608	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0956	1.414	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7079	3.131	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7048	3.114	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7051	3.197	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7113	3.232	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7043	3.133	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7082	3.179	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5147	5.316	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5244	5.250	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5179	5.397	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5257	5.391	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5256	5.411	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5524	5.363	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9849	10.11	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9822	9.992	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0139	10.04	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0162	10.63	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9805	9.937	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9970	9.839	PASS

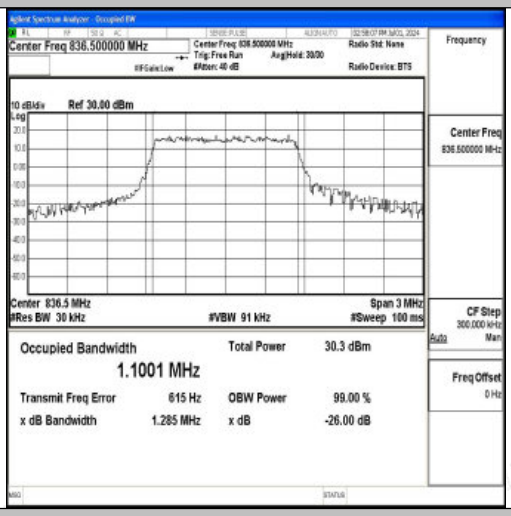
Test Graphs



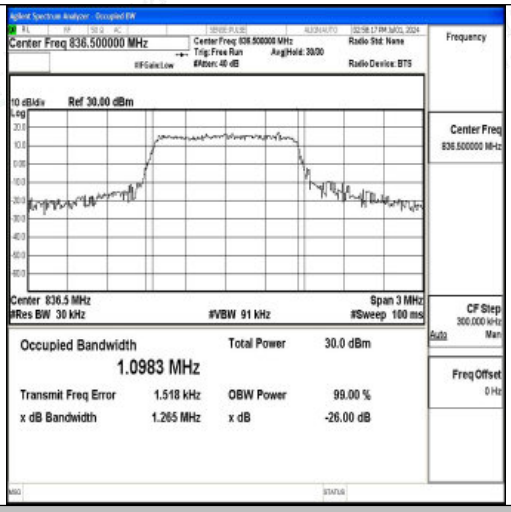
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



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



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



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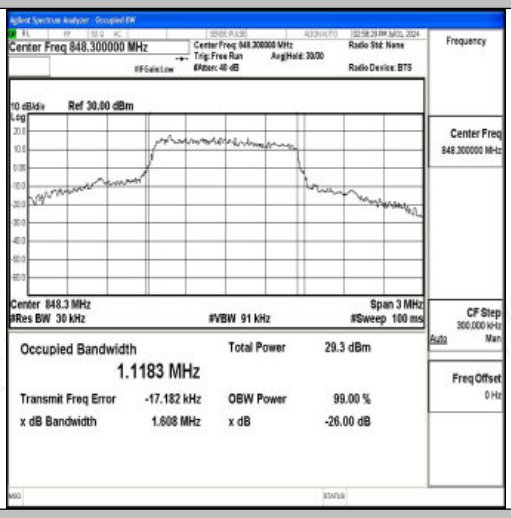
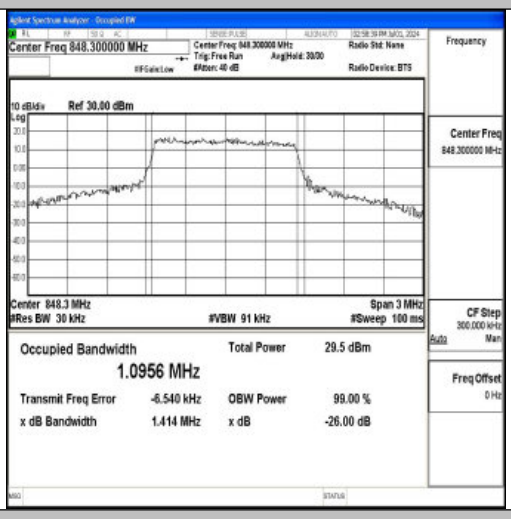
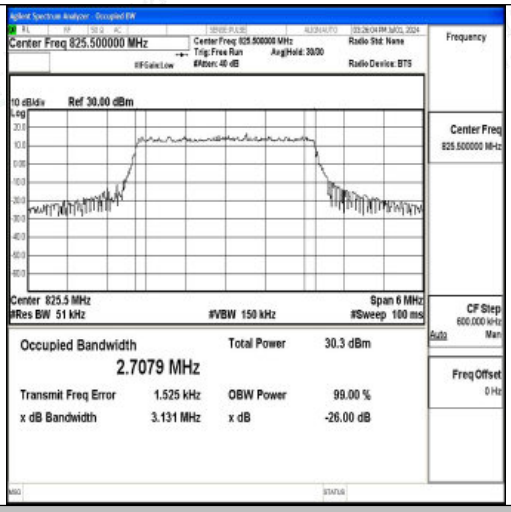


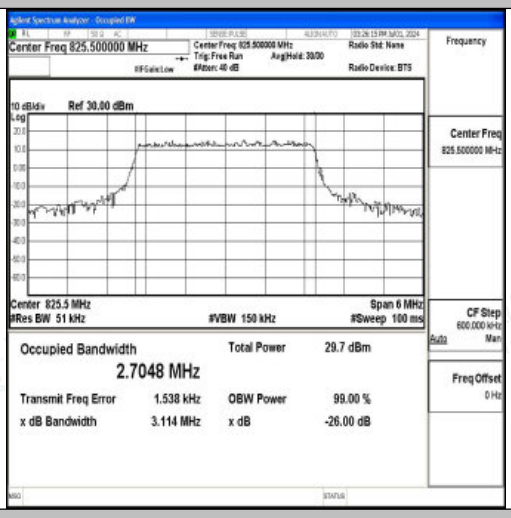
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



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



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



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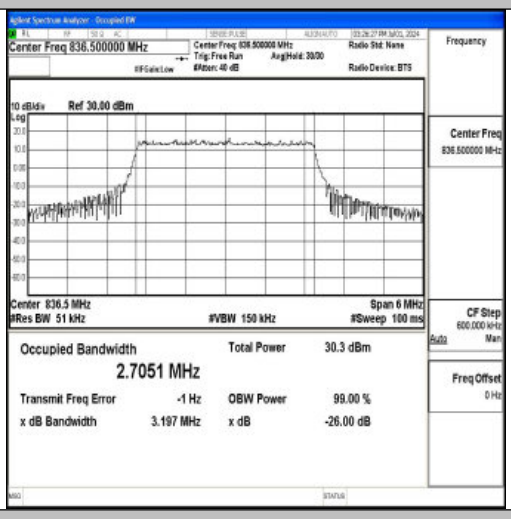

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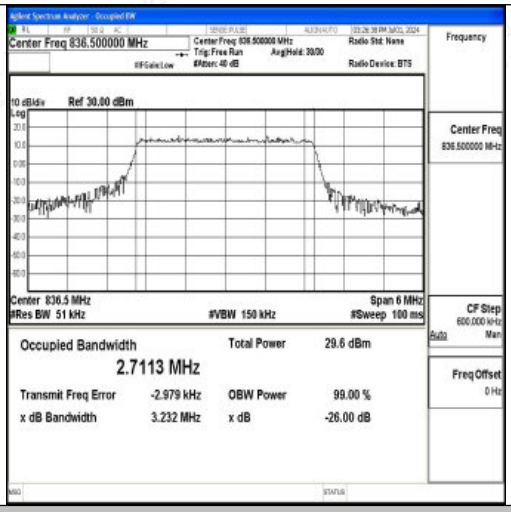
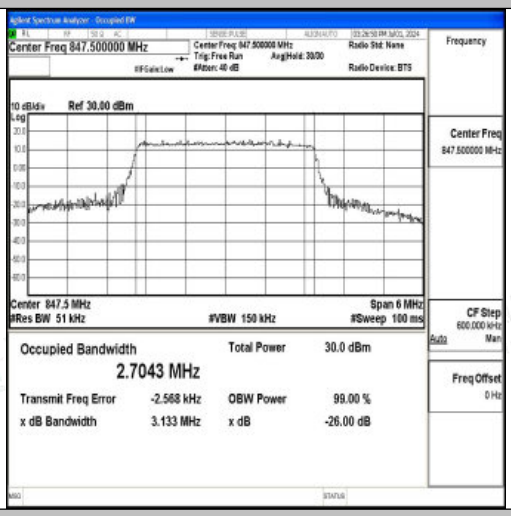
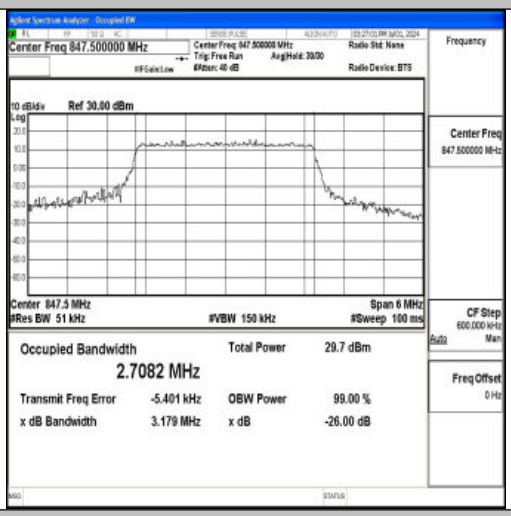


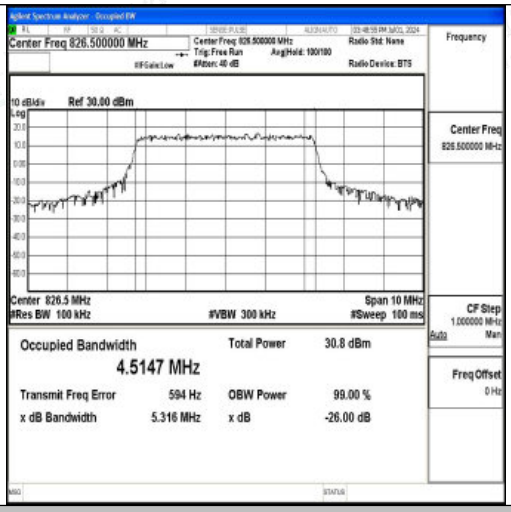
Band5-3MHz-16QAM-20525-15RB#0-PASS



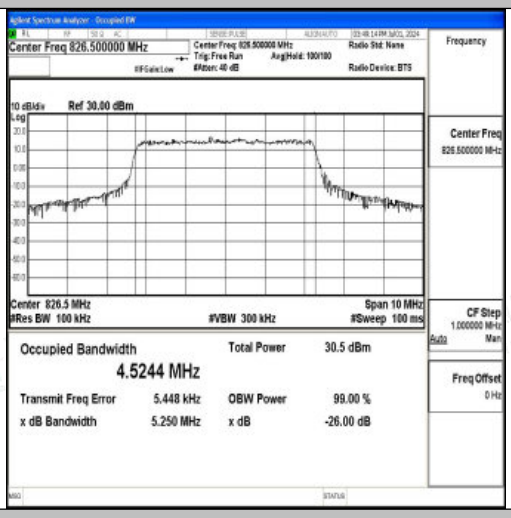
Band5-3MHz-QPSK-20635-15RB#0-PASS



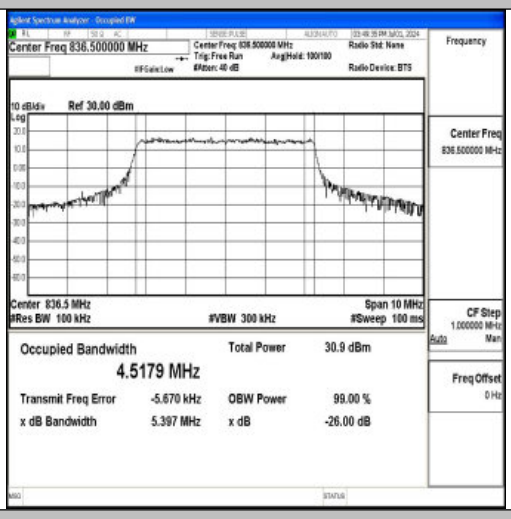
Band5-3MHz-16QAM-20635-15RB#0-PASS



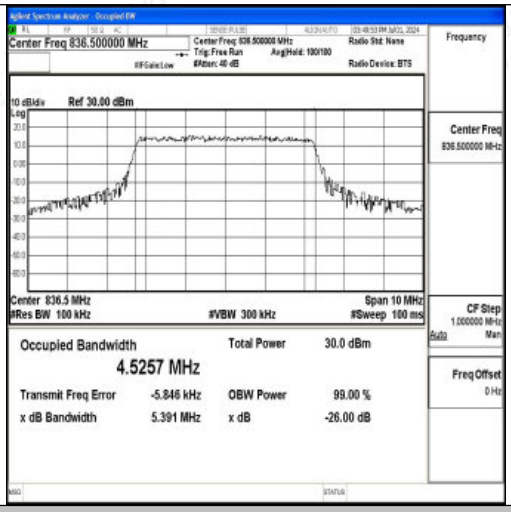
Band5-5MHz-QPSK-20425-25RB#0-PASS



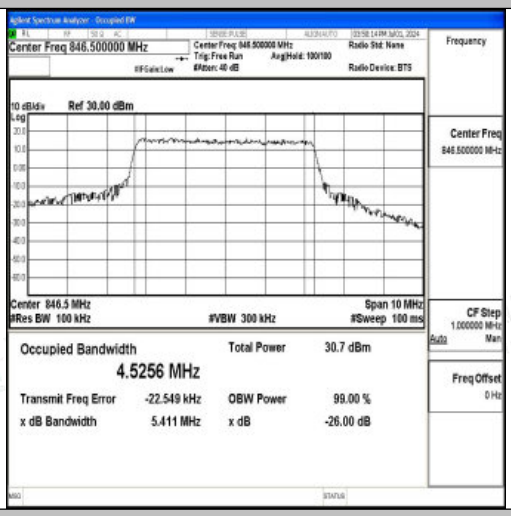
Band5-5MHz-16QAM-20425-25RB#0-PASS



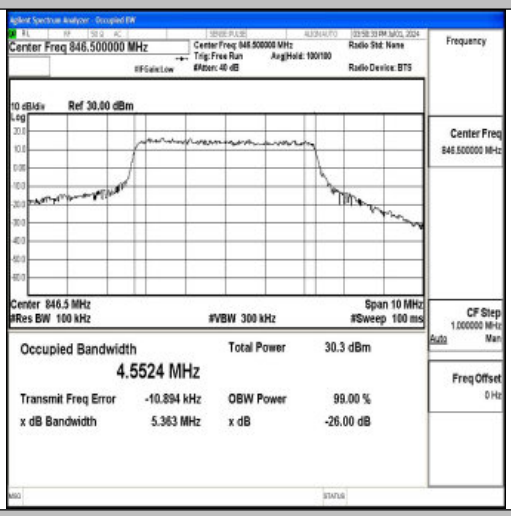
Band5-5MHz-QPSK-20525-25RB#0-PASS



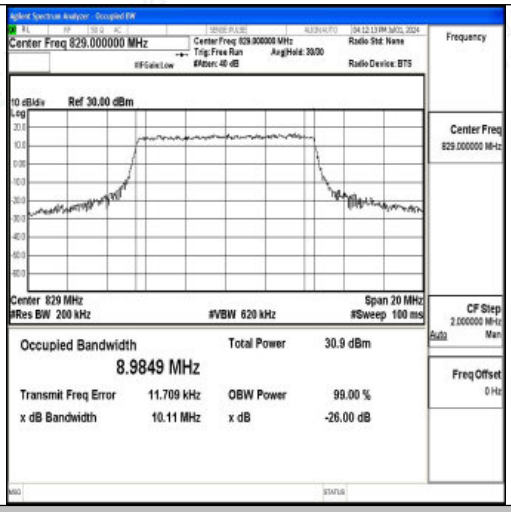
Band5-5MHz-16QAM-20525-25RB#0-PASS



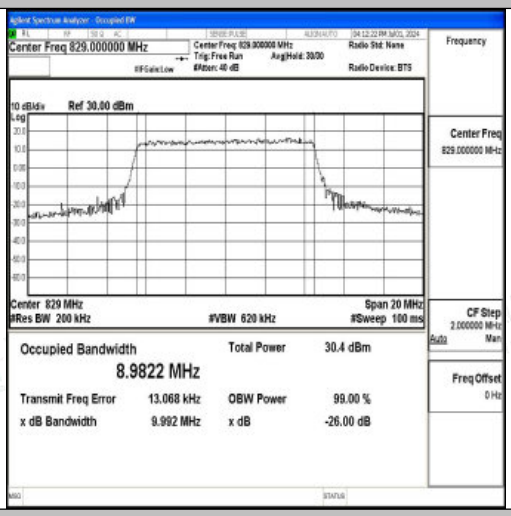
Band5-5MHz-QPSK-20625-25RB#0-PASS



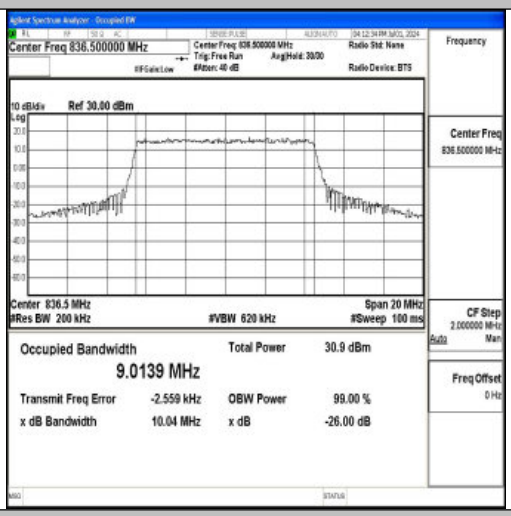
Band5-5MHz-16QAM-20625-25RB#0-PASS



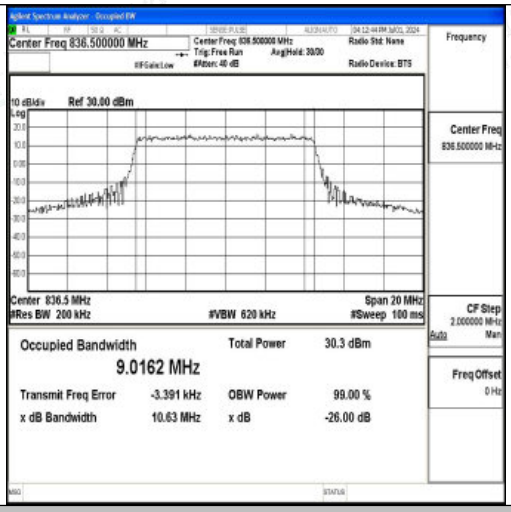
Band5-10MHz-QPSK-20450-50RB#0-PASS



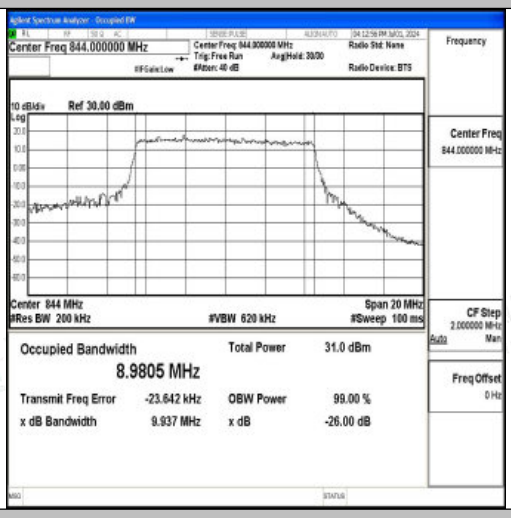
Band5-10MHz-16QAM-20450-50RB#0-PASS



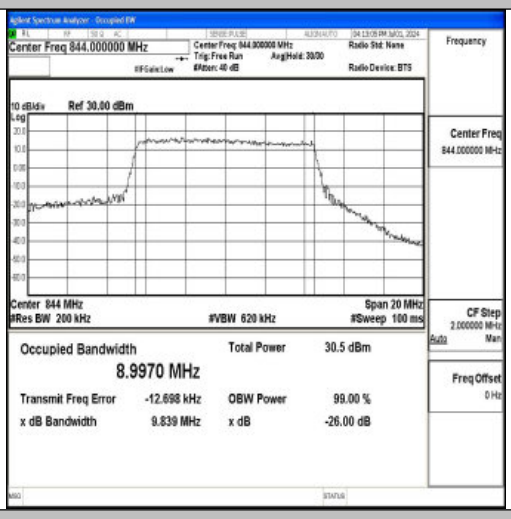
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



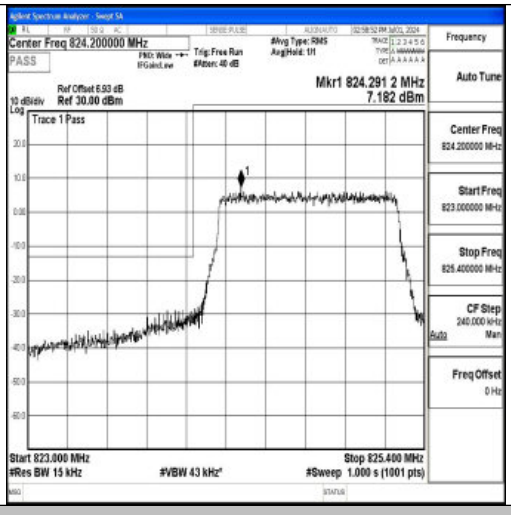
Band5-10MHz-16QAM-20600-50RB#0-PASS

C.4 Band Edge

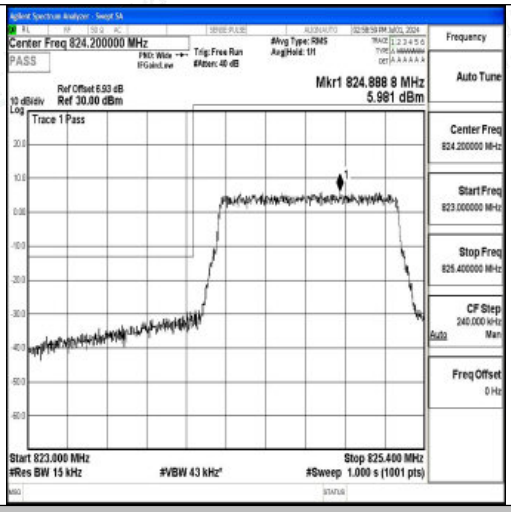
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.94	-28.75	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.99	-29.44	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.02	-21.49	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.04	-23.50	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-25.11	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-24.84	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-24.72	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-23.99	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-29.40	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.98	-29.95	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.00	-27.82	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.03	-27.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.95	-33.14	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.97	-34.00	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.03	-32.10	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.01	-32.25	PASS

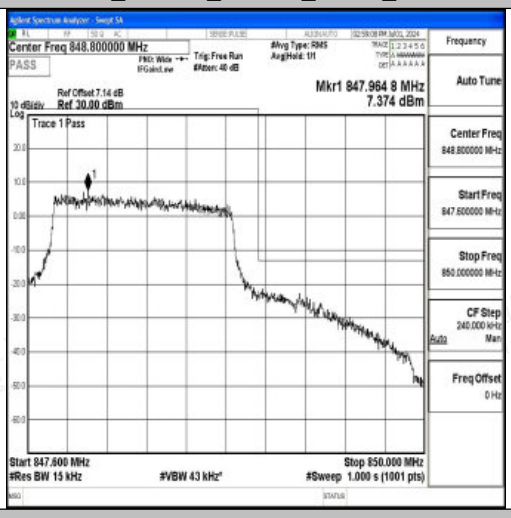
Test Graphs



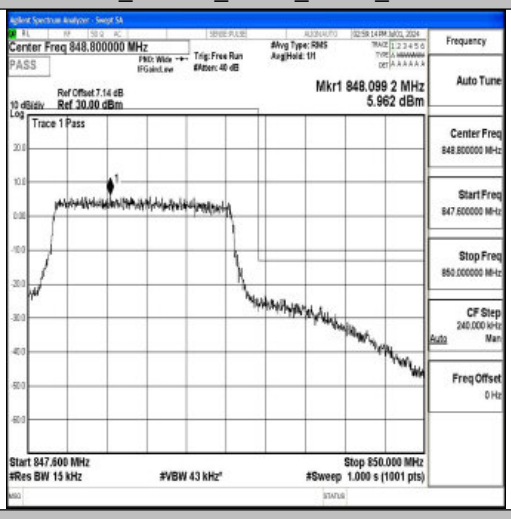
Band5_1.4MHz_QPSK_20407_6RB#0



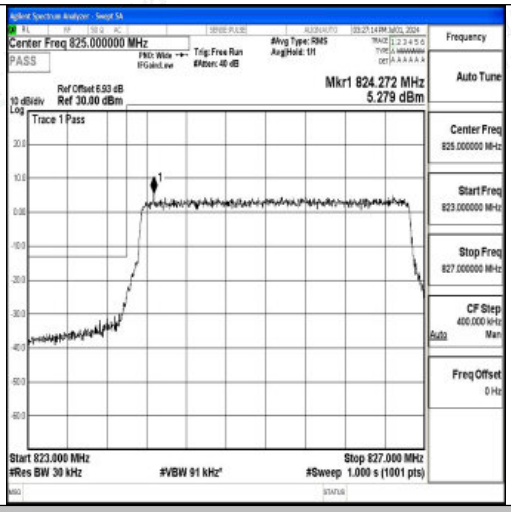
Band5_1.4MHz_16QAM_20407_6RB#0



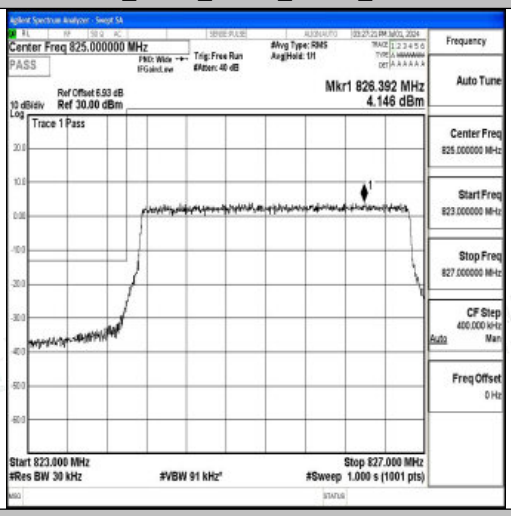
Band5_1.4MHz_QPSK_20643_6RB#0



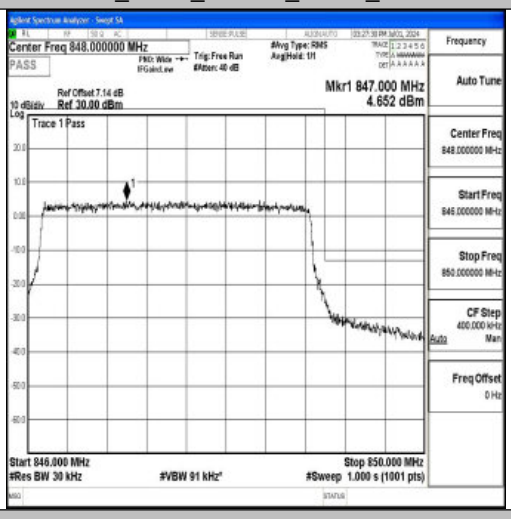
Band5_1.4MHz_16QAM_20643_6RB#0



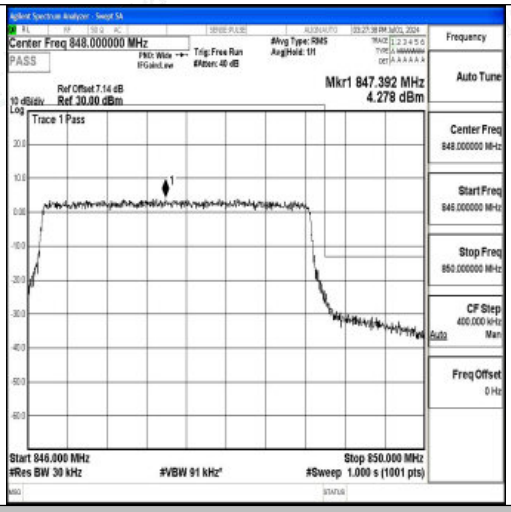
Band5_3MHz_QPSK_20415_15RB#0



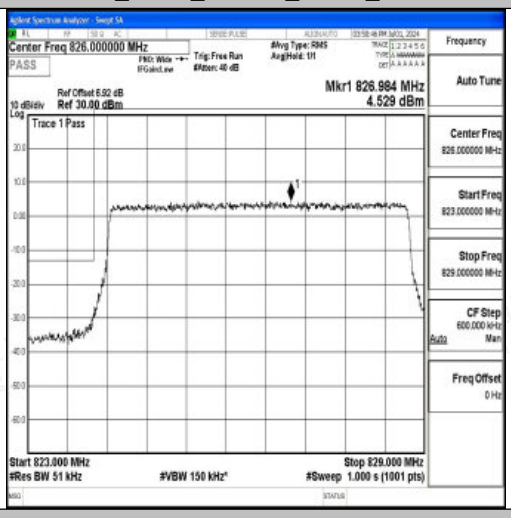
Band5_3MHz_16QAM_20415_15RB#0



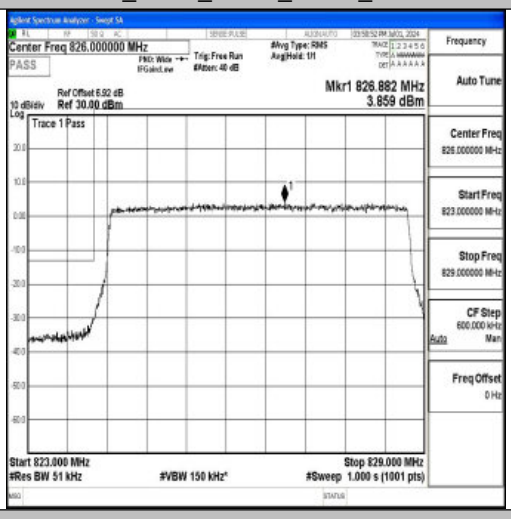
Band5_3MHz_QPSK_20635_15RB#0



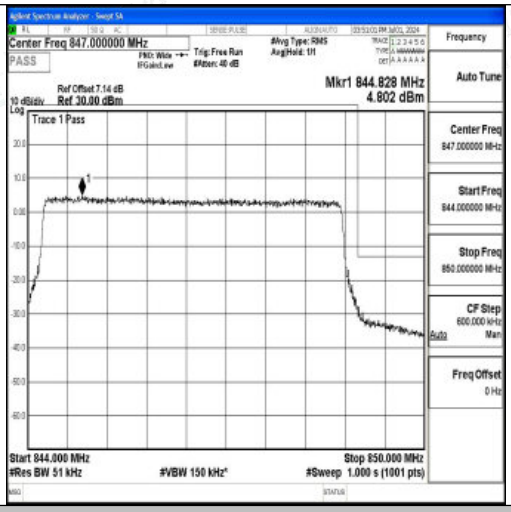
Band5_3MHz_16QAM_20635_15RB#0



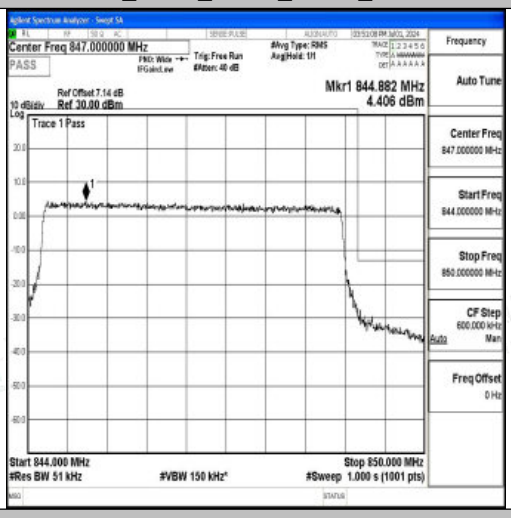
Band5_5MHz_QPSK_20425_25RB#0



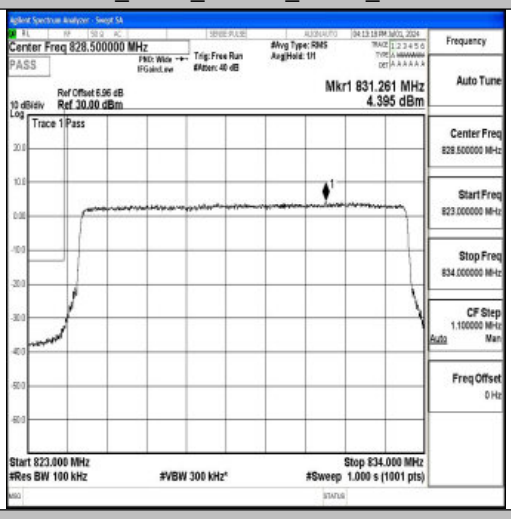
Band5_5MHz_16QAM_20425_25RB#0



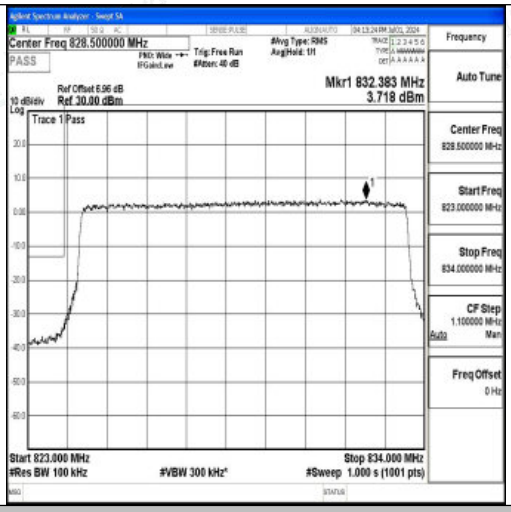
Band5_5MHz_QPSK_20625_25RB#0



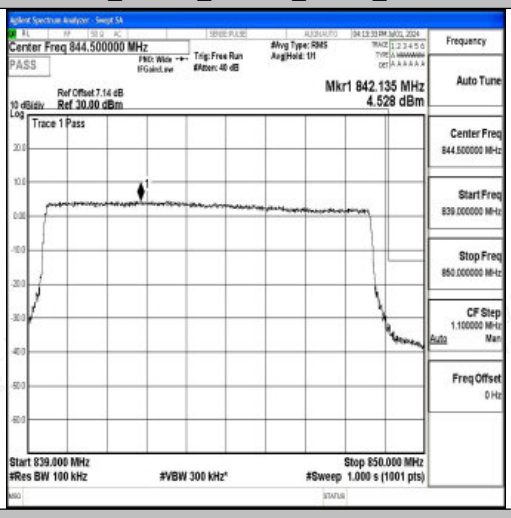
Band5_5MHz_16QAM_20625_25RB#0



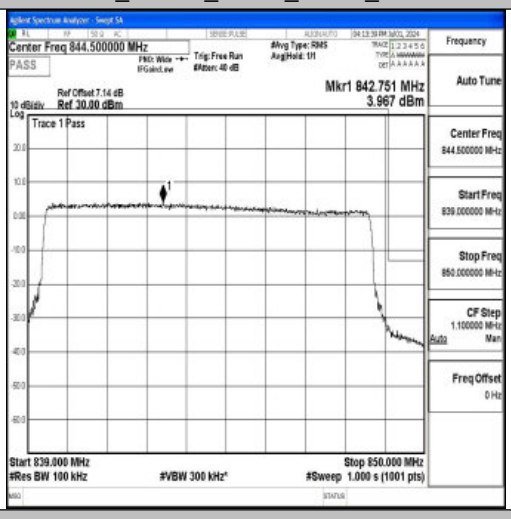
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

C.5 Conducted Spurious Emission

Test Result

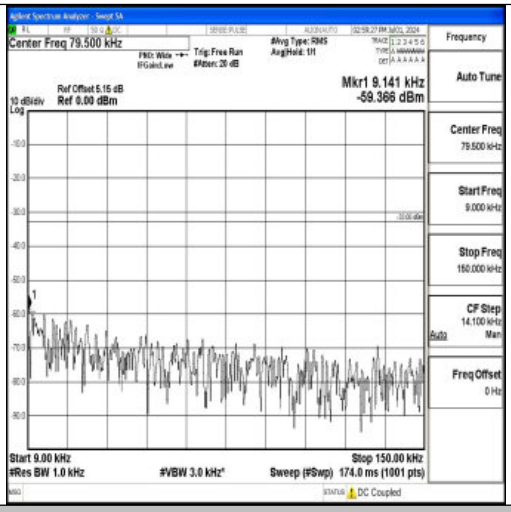
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-59.37	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.23	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-45.61	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.21	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-43.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-58.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-53.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-43.93	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-39.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-58.95	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-52.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-47.65	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-42.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-58.88	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-50.89	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-47.64	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-41.31	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-43.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-58.30	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-52.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-44.87	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-44.90	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.12	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-56.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-53.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-43.98	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-44.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-43.78	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.85	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-52.48	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-49.84	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-42.98	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.09	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-59.81	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.31	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-48.12	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.86	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-43.97	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-56.13	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-54.33	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-49.28	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.63	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-56.84	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-51.95	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-48.57	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-42.00	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-57.96	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-50.52	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-48.91	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-40.98	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-59.05	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.07	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-47.04	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-40.75	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-43.96	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-56.52	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.34	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-58.67	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-42.29	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.95	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-55.41	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-50.62	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-58.51	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.59	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.83	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-55.73	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.94	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-59.43	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.55	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.38	PASS

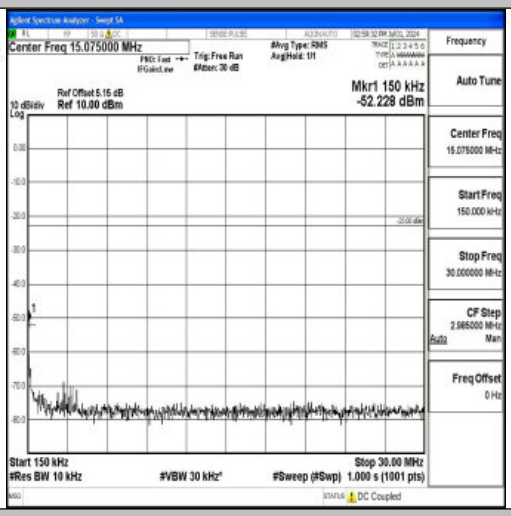
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-59.00	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.42	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.41	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.58	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.06	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-60.54	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-51.72	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-58.75	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-43.33	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-43.99	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-59.48	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.76	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-58.55	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.06	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-43.79	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-58.59	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.16	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.50	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-42.72	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.17	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-57.68	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.51	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.77	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.66	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.99	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-55.79	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.28	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.64	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.33	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.06	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-57.87	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.33	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.89	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-42.08	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.03	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-59.69	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.75	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.59	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-45.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-43.79	PASS

Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-57.81	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-50.44	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.64	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-45.24	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.09	PASS

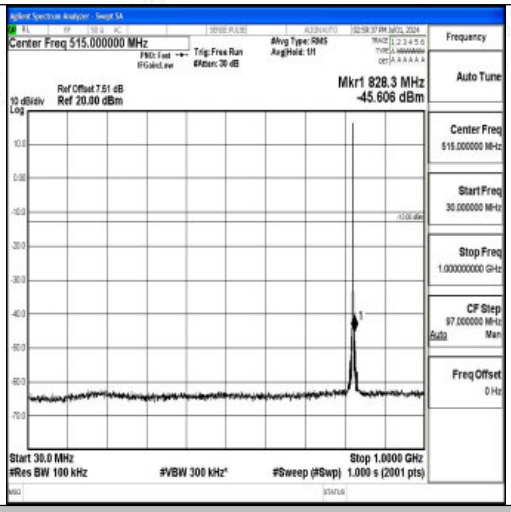
Test Graphs



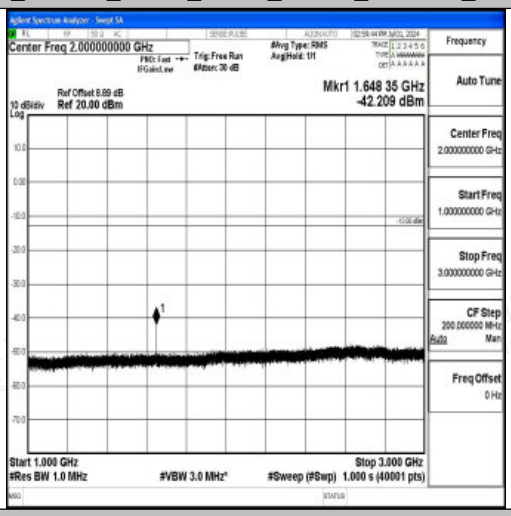
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



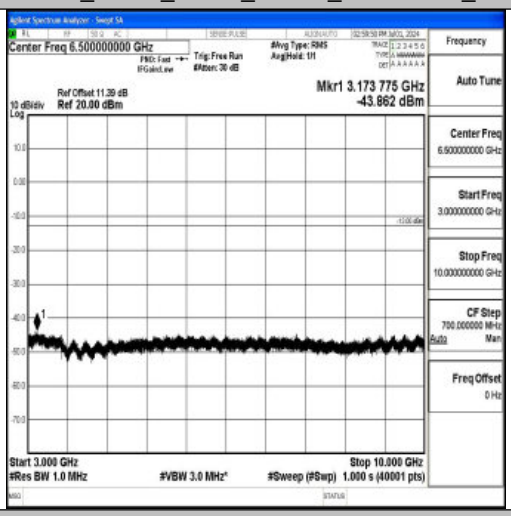
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



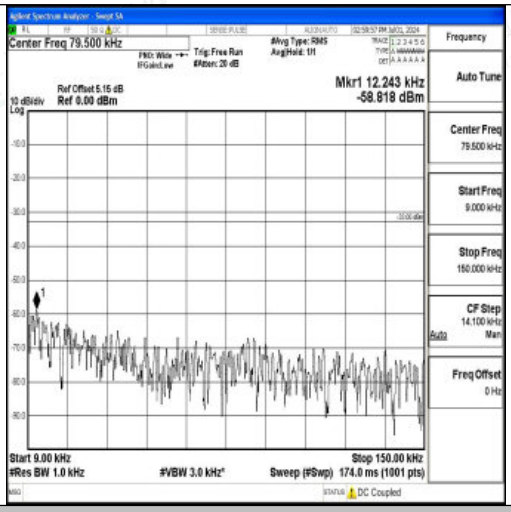
Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



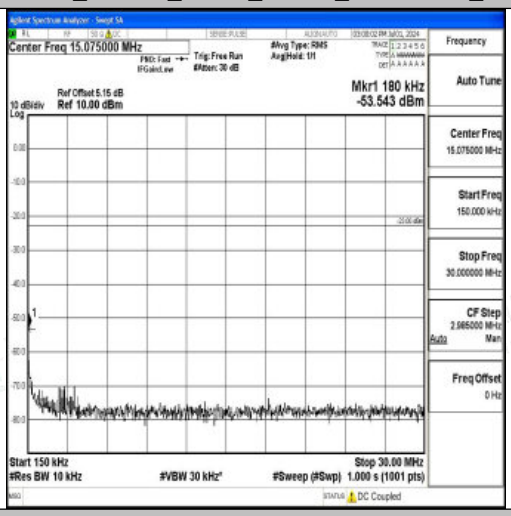
Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



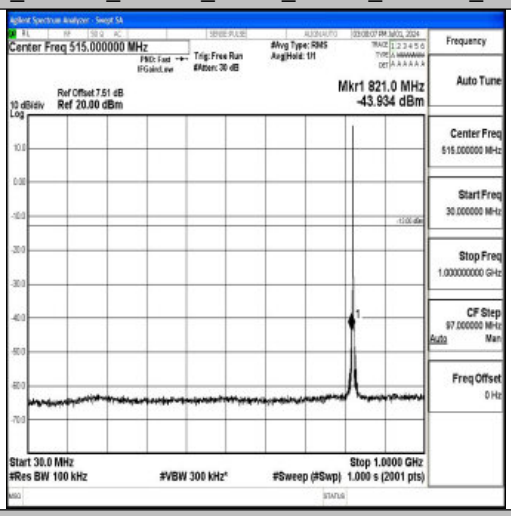
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



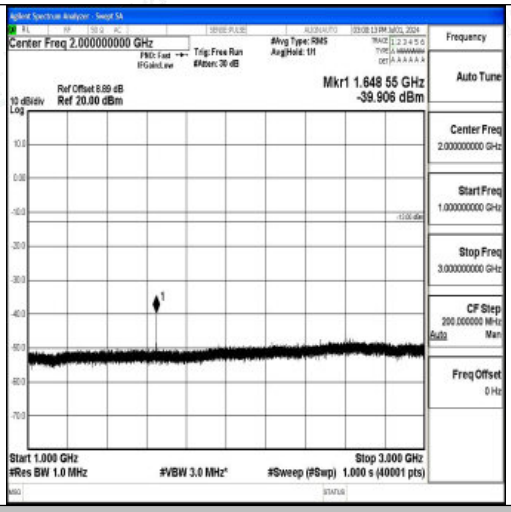
Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



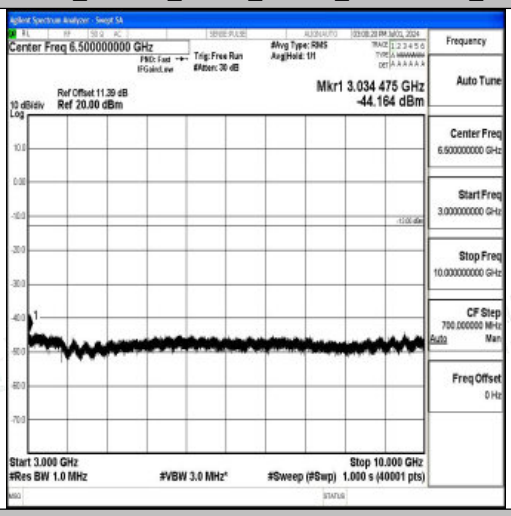
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



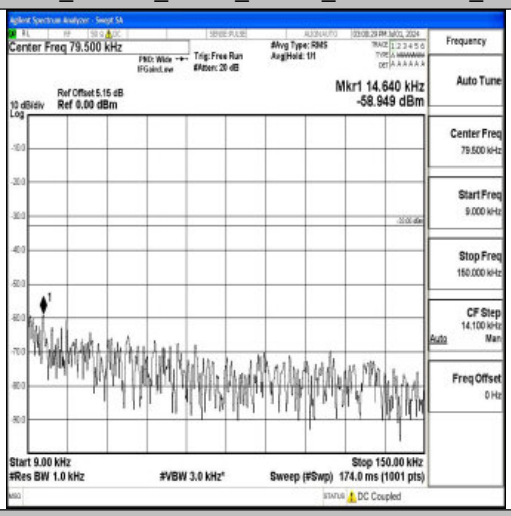
Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



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



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



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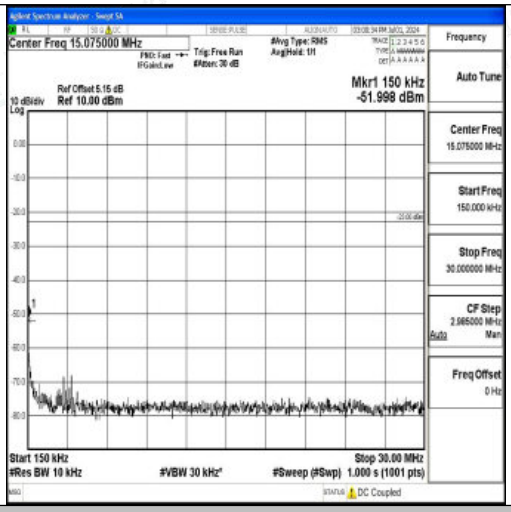

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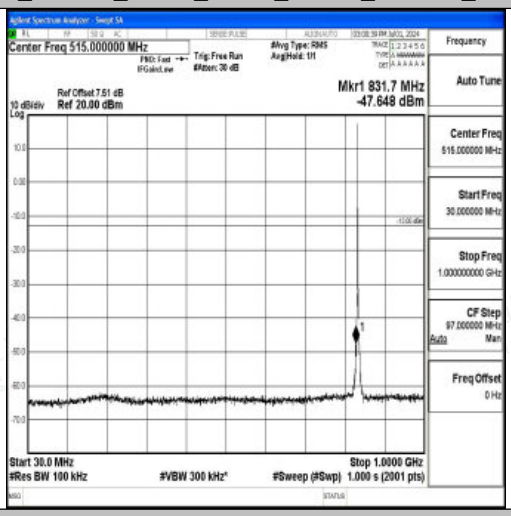

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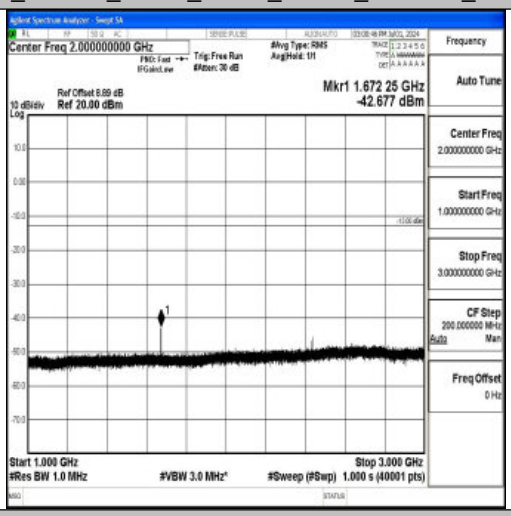
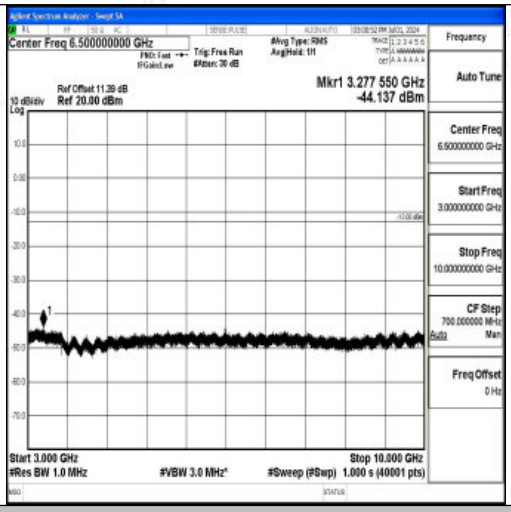
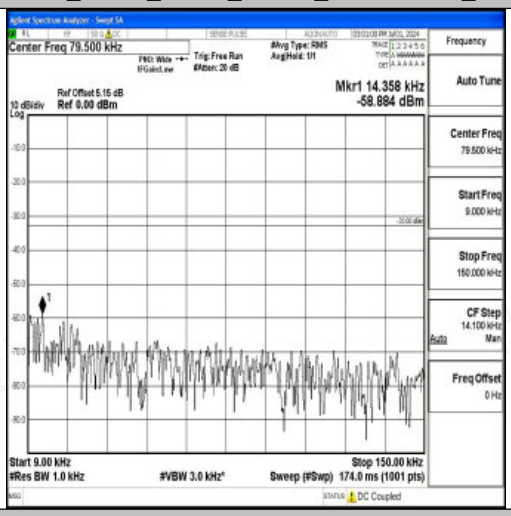


Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



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



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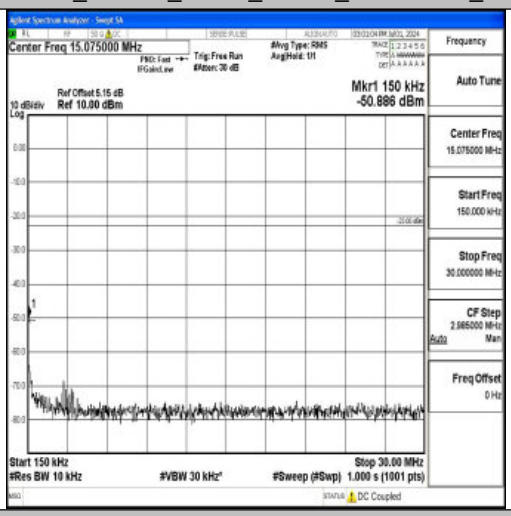

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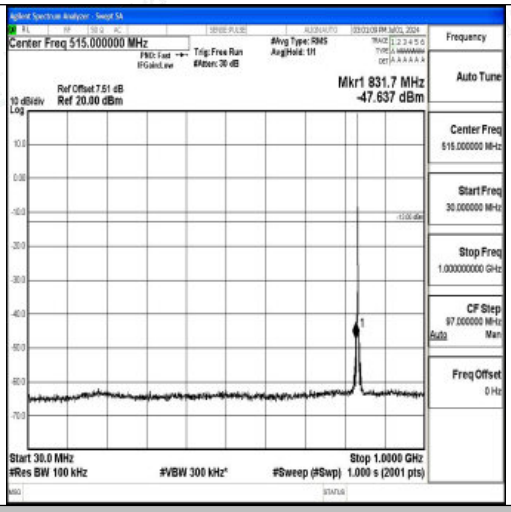
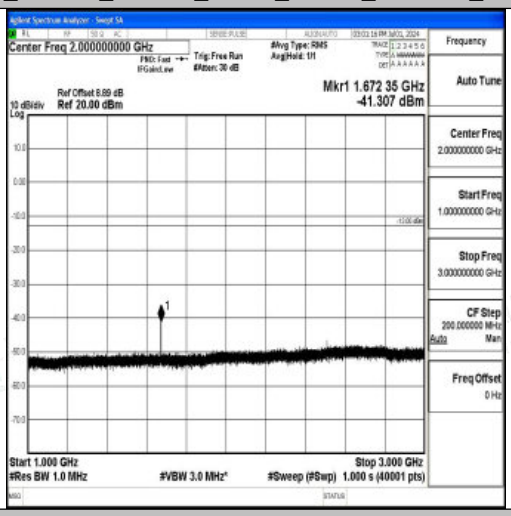
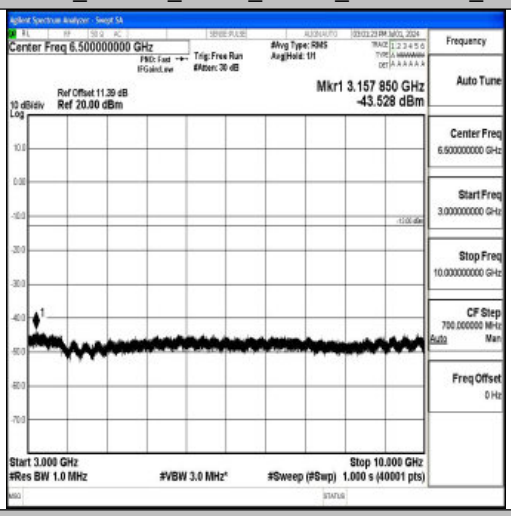


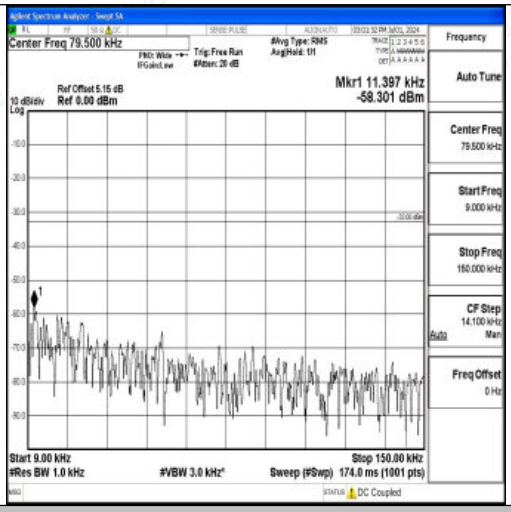
Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



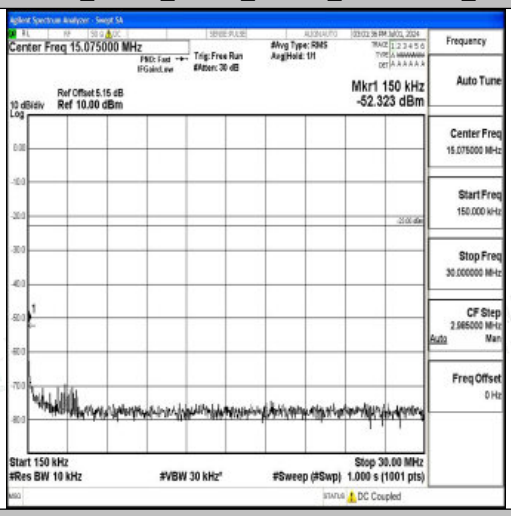
Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



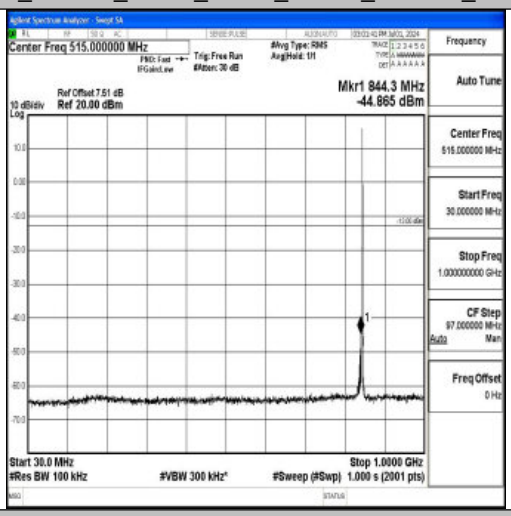
Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



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