Appendix H: Test Data for E-UTRA Band 5

Product Name: TD-LTE digital mobile phone

Test Model: XS18 Pro Max

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	23.23	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.20	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.32	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.20	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.18	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.33	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.16	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.33	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.16	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.26	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.12	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.33	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.25	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.07	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.37	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.21	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.30	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.16	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.31	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.17	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.31	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.17	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.32	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.18	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.25	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.19	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.03	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.02	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.00	PASS

Band5	1.4MHz	QPSK	20643	3RB#0	23.00	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.89	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.97	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.86	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.03	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.07	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.26	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.21	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.27	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.27	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.30	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.17	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.22	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.35	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.39	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.34	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.39	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.32	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.39	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.32	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.39	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.21	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.09	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.32	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.14	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.30	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.13	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.31	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.32	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.32	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.33	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.35	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.36	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.32	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.26	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.23	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.00	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.79	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.70	PASS

Band5	3MHz	QPSK	20635	1RB#14	22.84	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.74	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.96	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.24	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.98	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.24	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.95	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.20	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.95	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.39	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.35	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.37	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.31	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.24	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.18	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.42	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.44	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.42	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.35	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.35	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.33	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.38	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.27	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.35	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.31	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.40	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.31	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.41	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.38	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.39	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.42	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.49	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.37	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.37	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.44	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.32	PASS

Band5	5MHz	QPSK	20625	1RB#12	22.53	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.53	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.80	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.80	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.87	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.15	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.89	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.15	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.55	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.79	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.69	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.36	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.44	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.26	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.30	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.19	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.25	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.37	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.41	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.39	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.42	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.26	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.29	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.32	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.37	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.30	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.18	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.38	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.26	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.37	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.21	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.31	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.39	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.33	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.39	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.40	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.39	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.44	PASS

Band5	10MHz	QPSK	20600	1RB#0	23.37	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.18	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.36	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.18	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.27	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.10	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.42	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.47	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.43	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.48	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.36	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.43	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.40	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.45	PASS

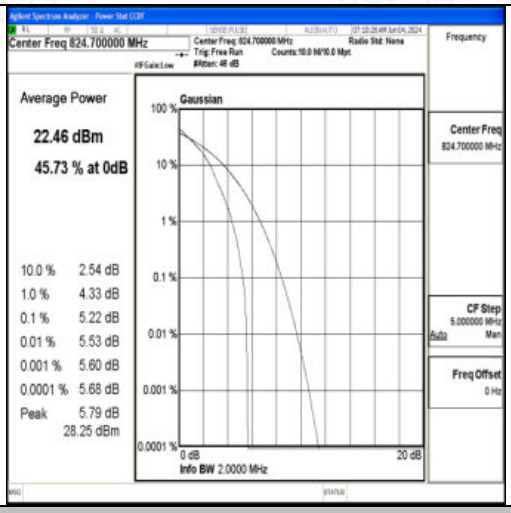
H.2 Peak-to-Average Ratio(CCDF)

Test Result

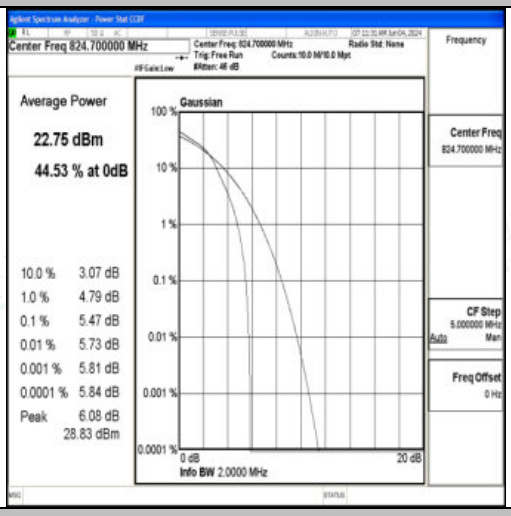
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.22	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.47	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.73	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.35	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.00	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.70	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.37	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.32	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.70	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.33	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.55	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.15	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.50	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.16	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.12	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.68	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.41	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.56	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.15	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.92	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.92	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.60	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.32	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.59	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.48	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.84	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.39	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.02	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.76	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.74	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.33	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.92	13	PASS

Band5	5MHz	16QAM	20625	1RB#0	4.85	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.77	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.36	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.76	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.63	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.83	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.45	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.20	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.99	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.35	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.38	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.56	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.72	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.33	13	PASS

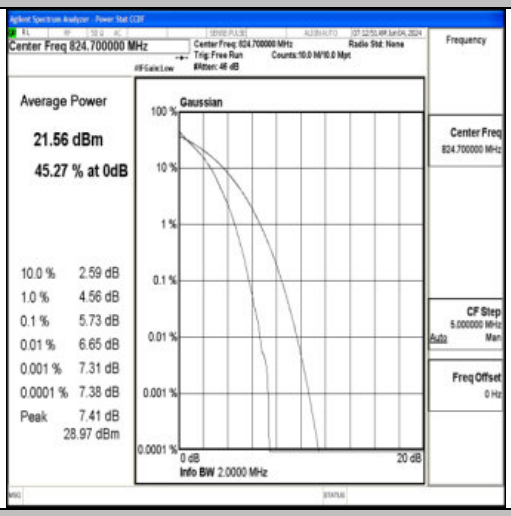
Test Graphs



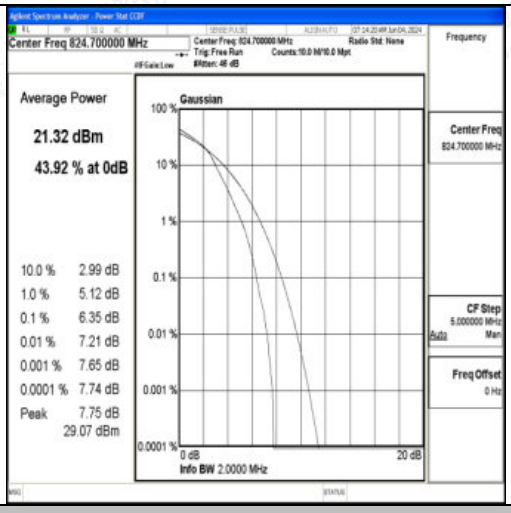
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



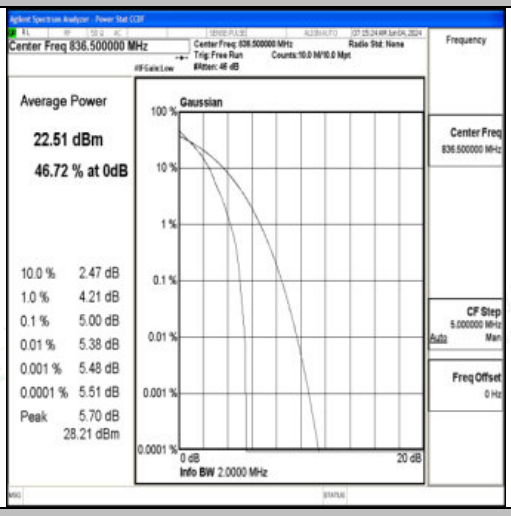
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



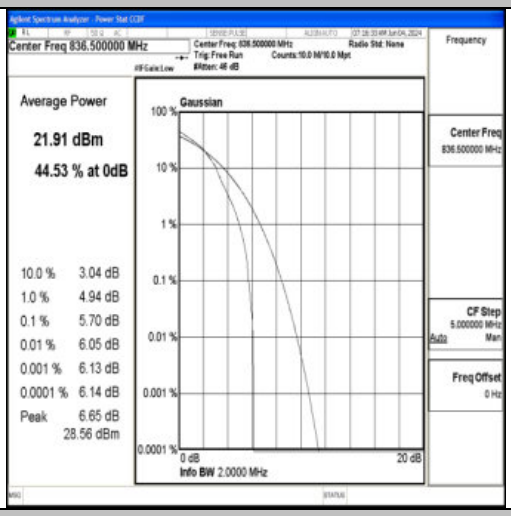
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



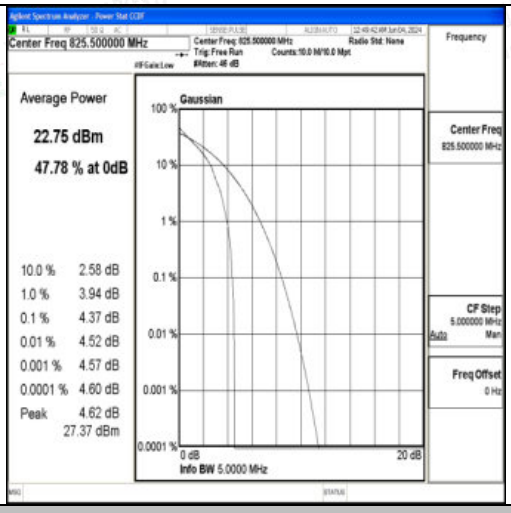
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



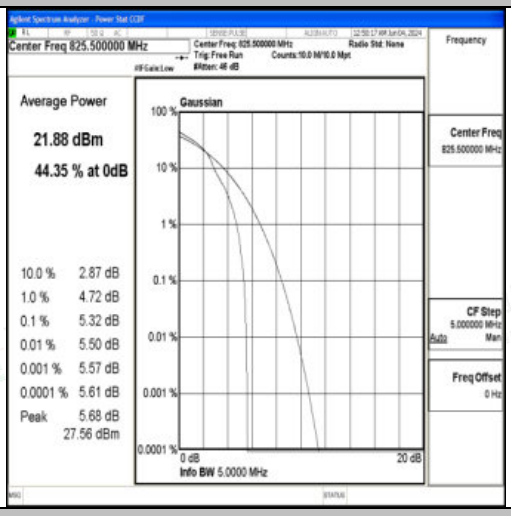
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



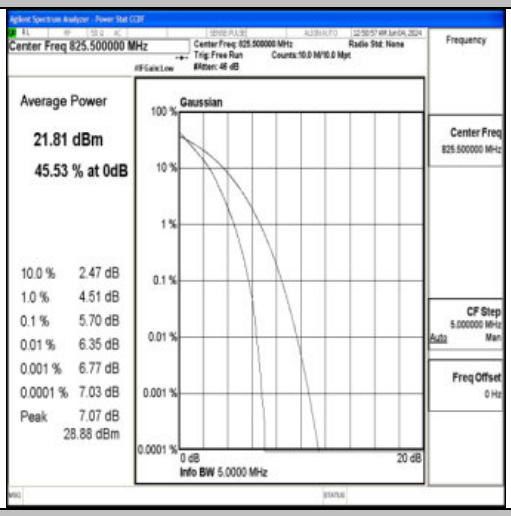
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



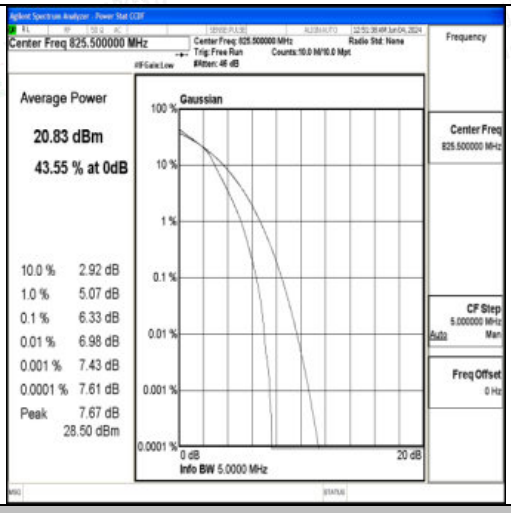
Band5-3MHz-QPSK-20415-1RB#0-PASS



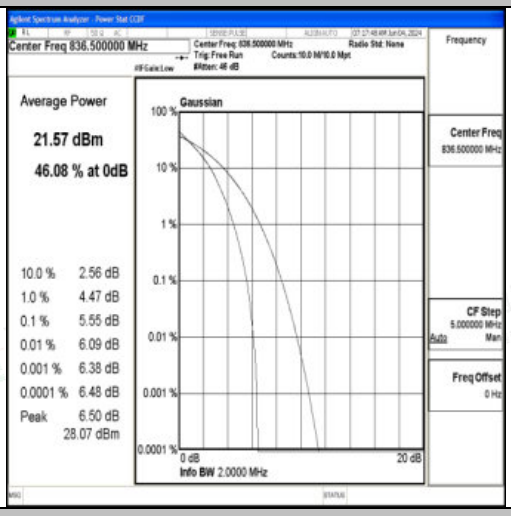
Band5-3MHz-16QAM-20415-1RB#0-PASS



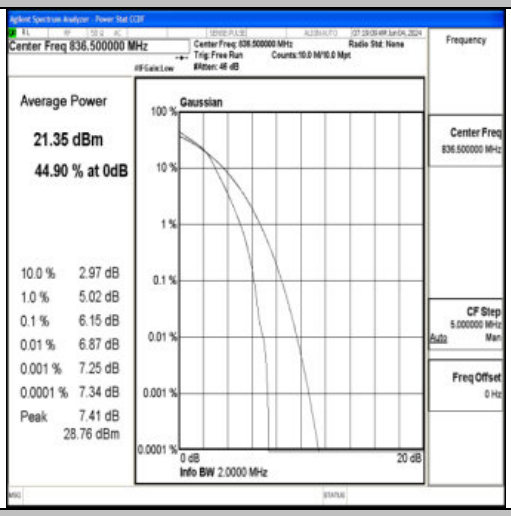
Band5-3MHz-QPSK-20415-15RB#0-PASS



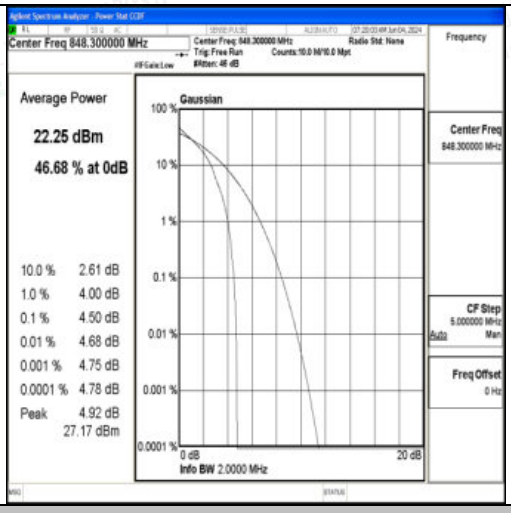
Band5-3MHz-16QAM-20415-15RB#0-PASS



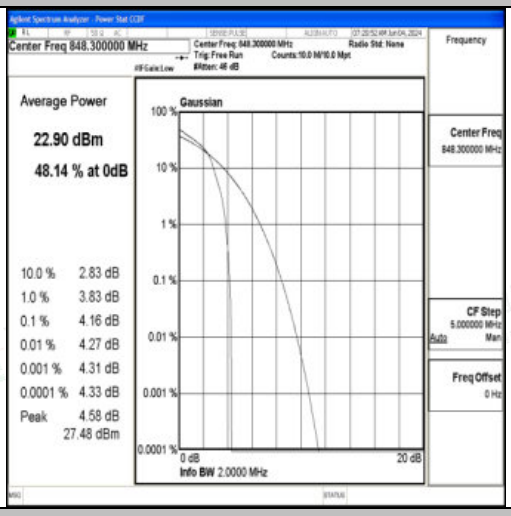
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



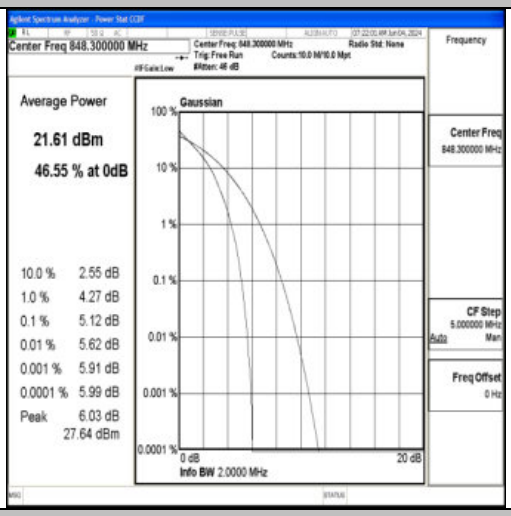
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



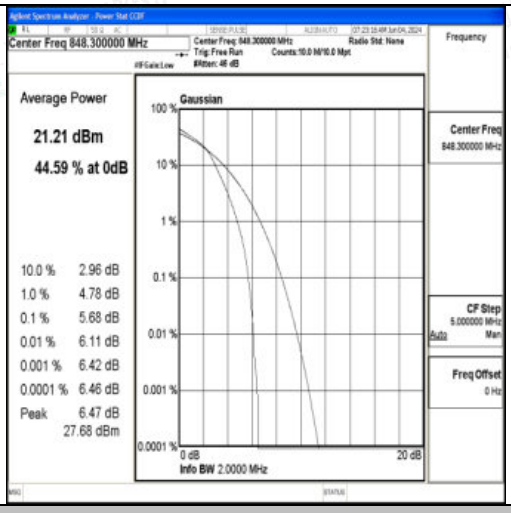
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



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



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



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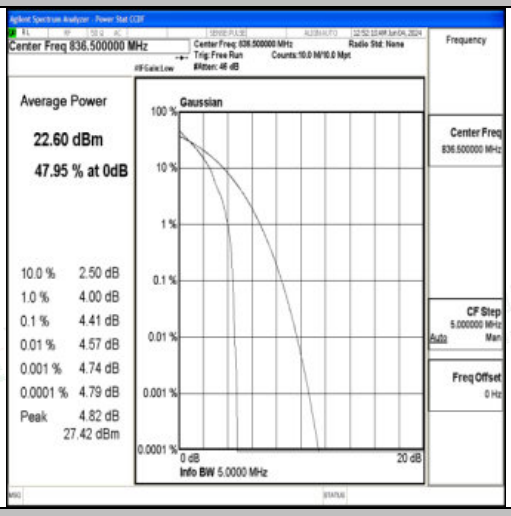
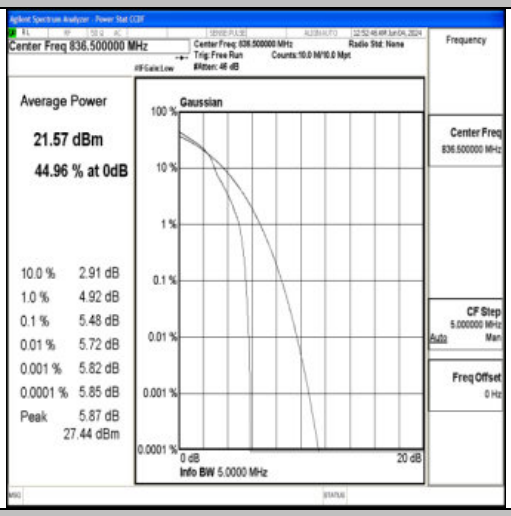


Band5-3MHz-QPSK-20525-1RB#0-PASS



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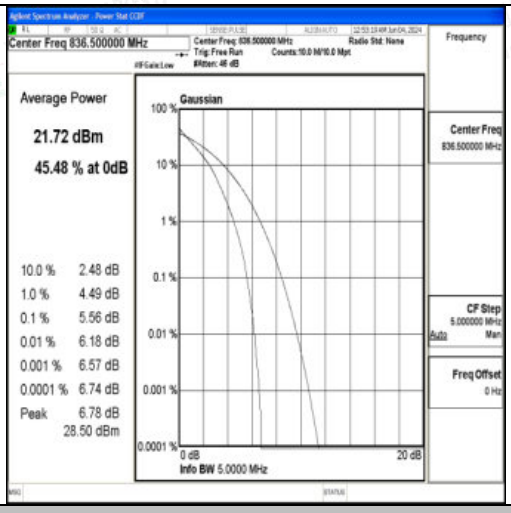

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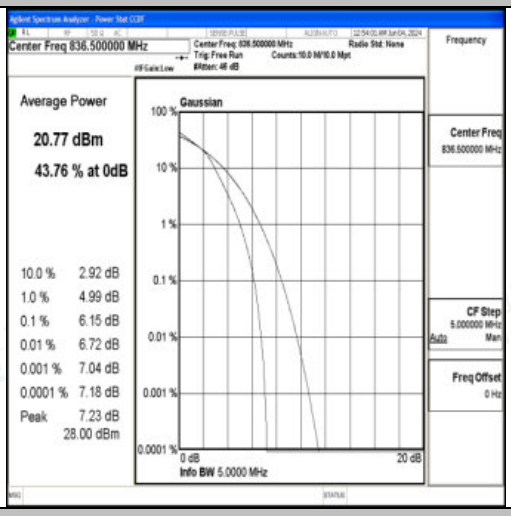

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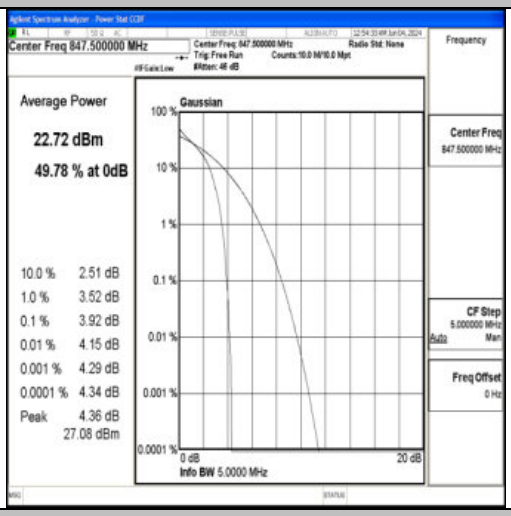

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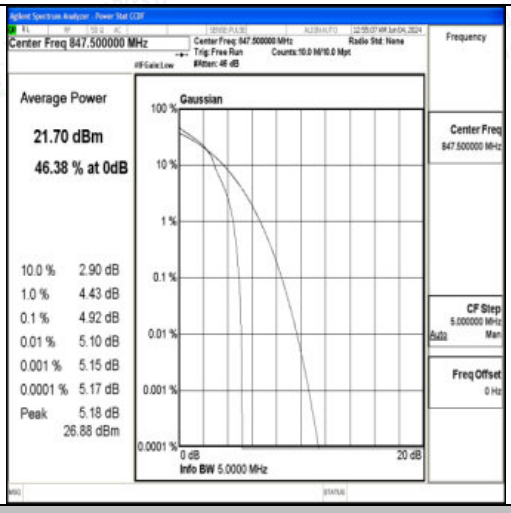

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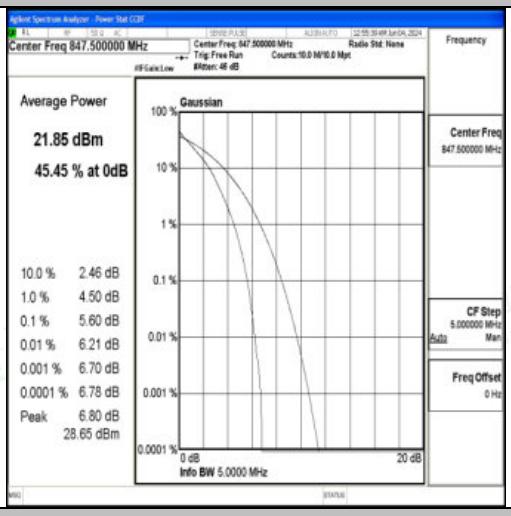

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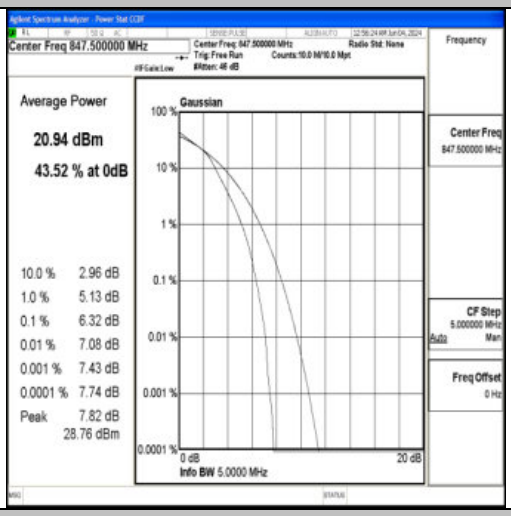

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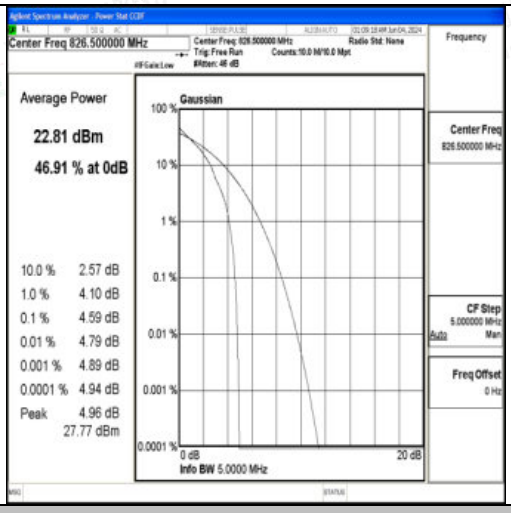

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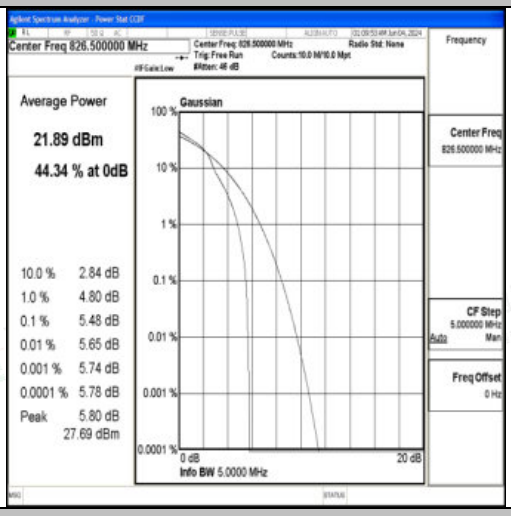
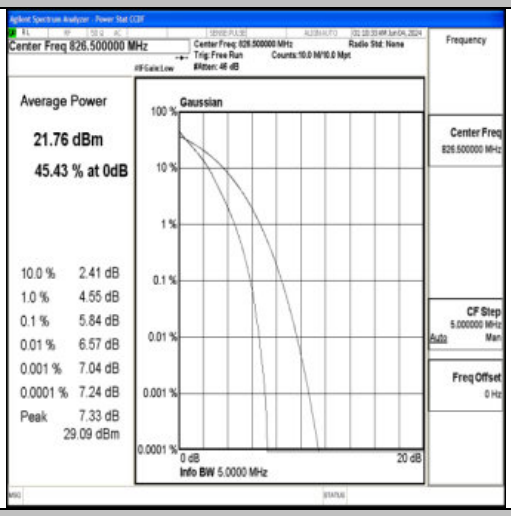
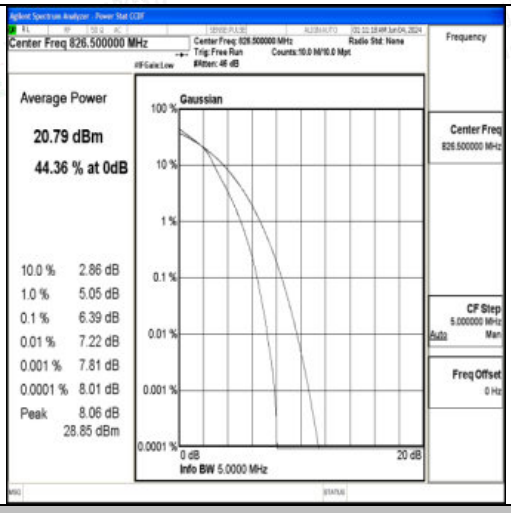


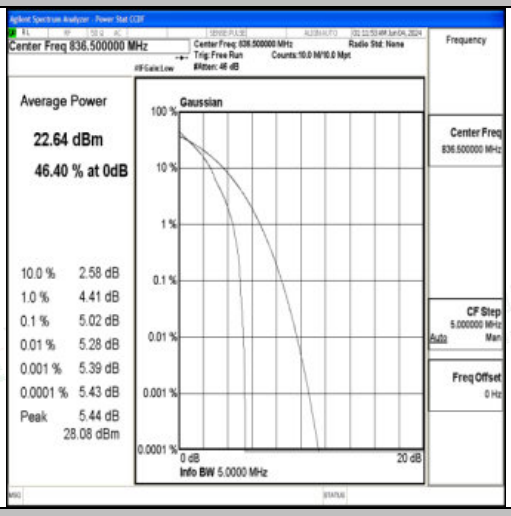
Band5-5MHz-16QAM-20425-1RB#0-PASS



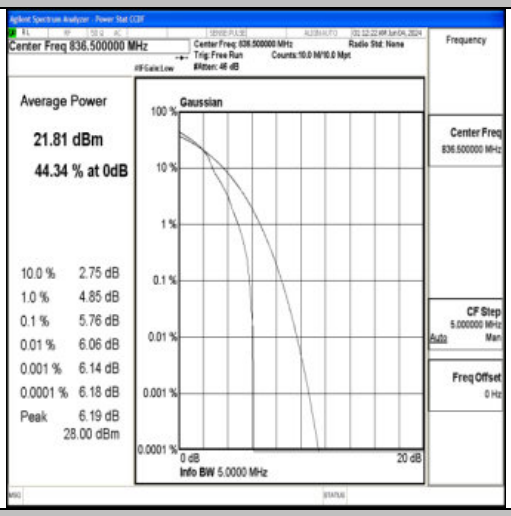
Band5-5MHz-QPSK-20425-25RB#0-PASS



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



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



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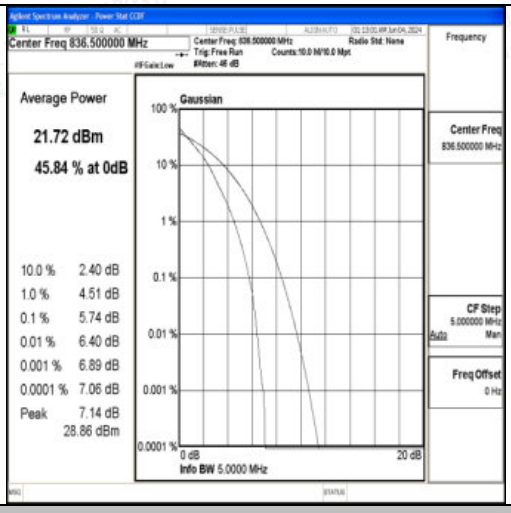

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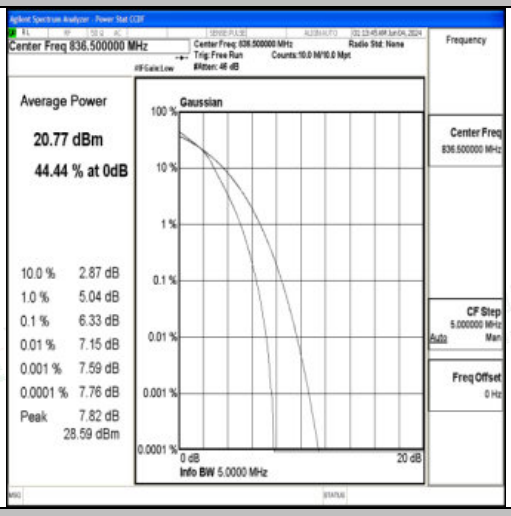

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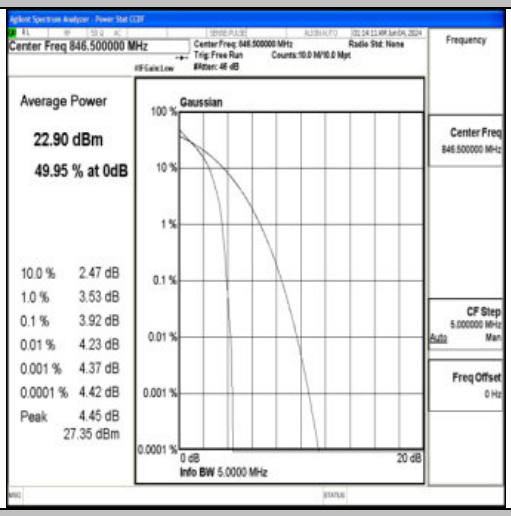

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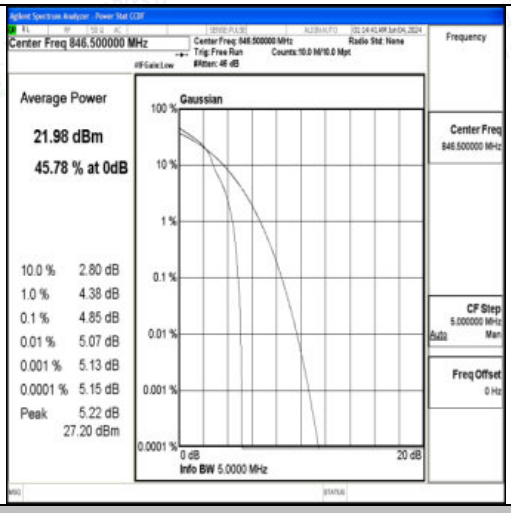

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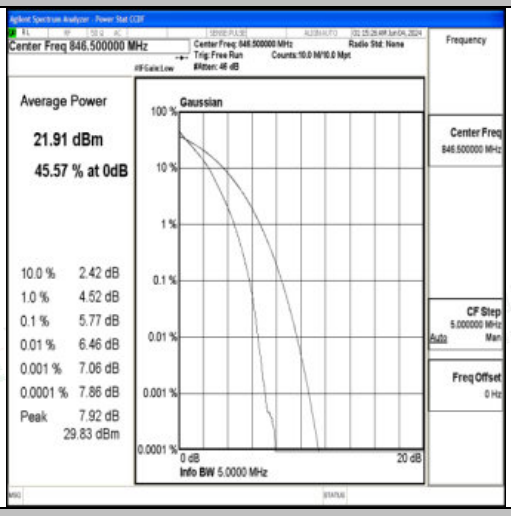
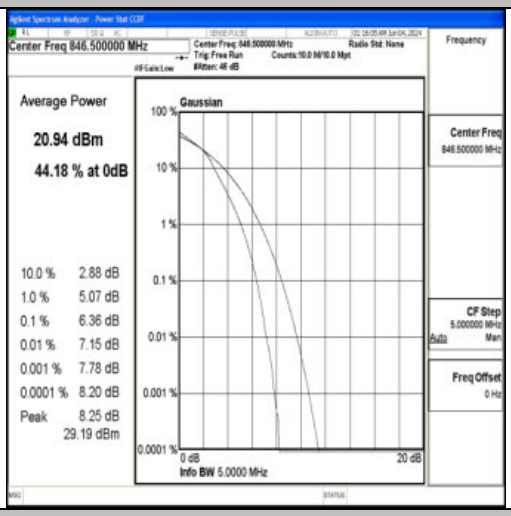


Band5-5MHz-QPSK-20625-25RB#0-PASS



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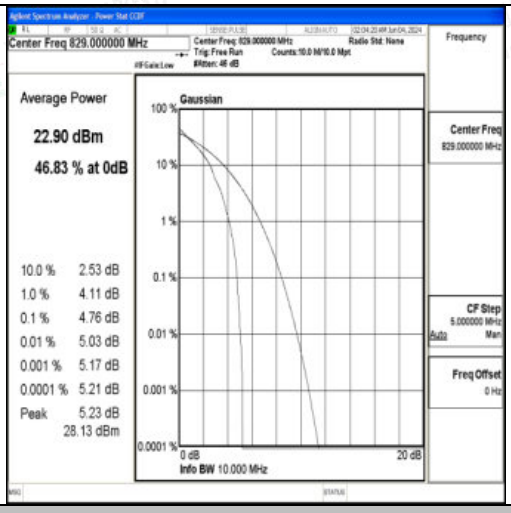
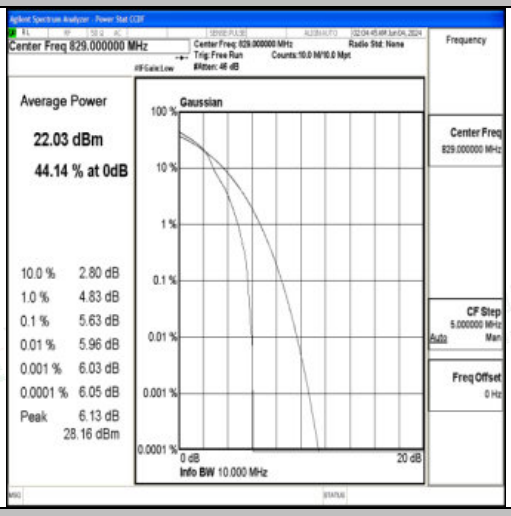


Band5-10MHz-QPSK-20450-1RB#0-PASS



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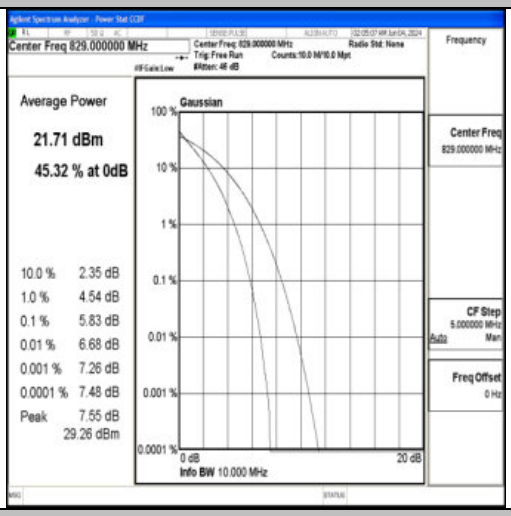

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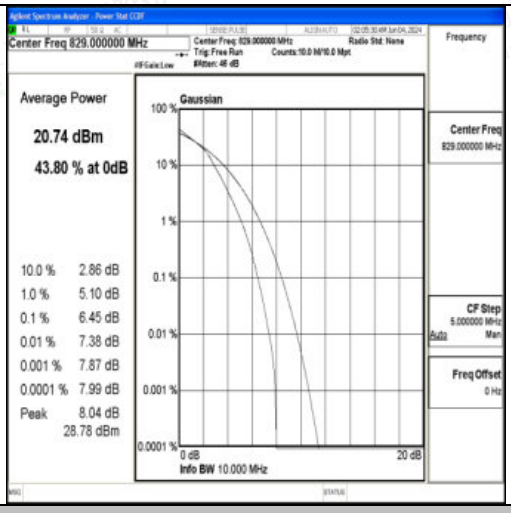

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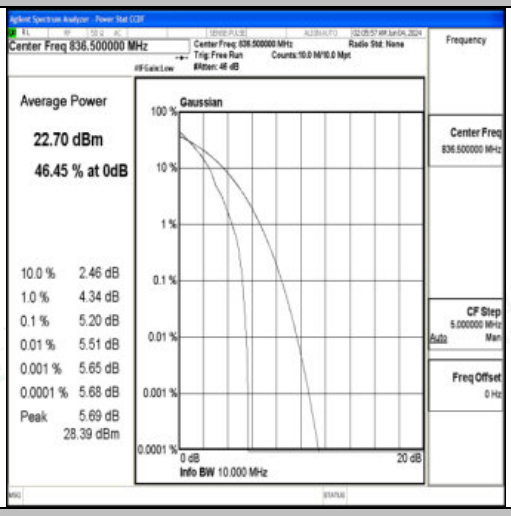

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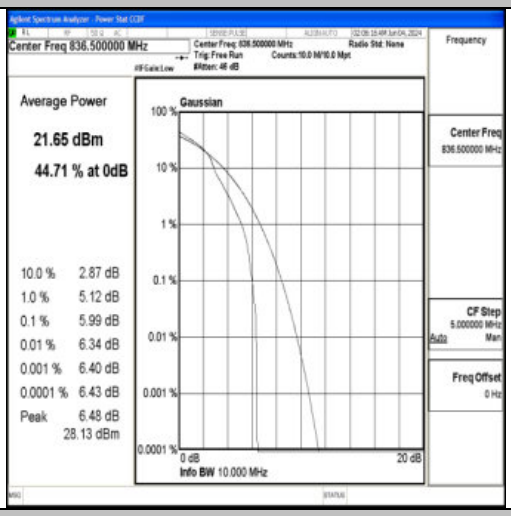

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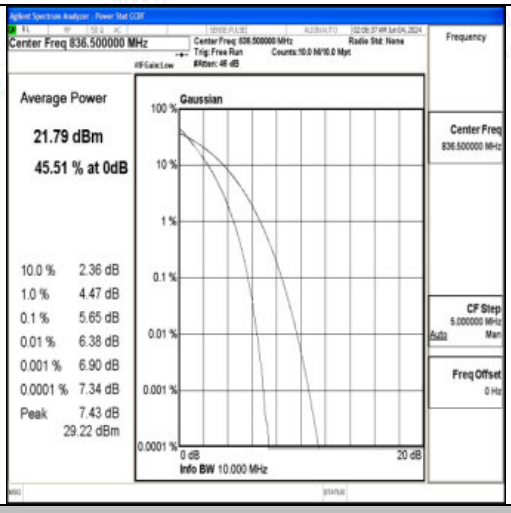

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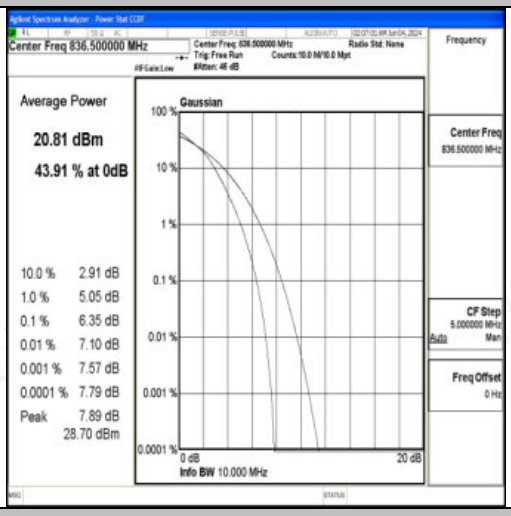
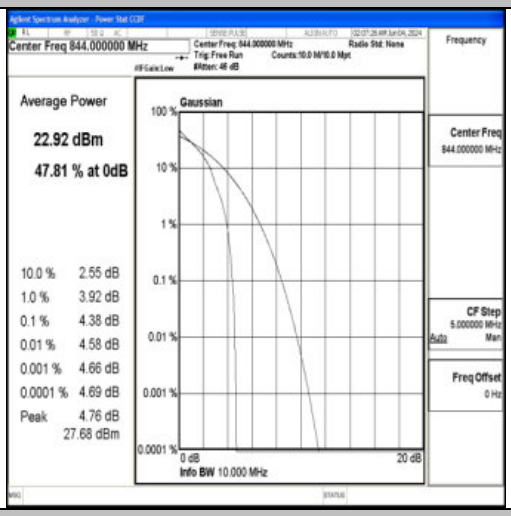
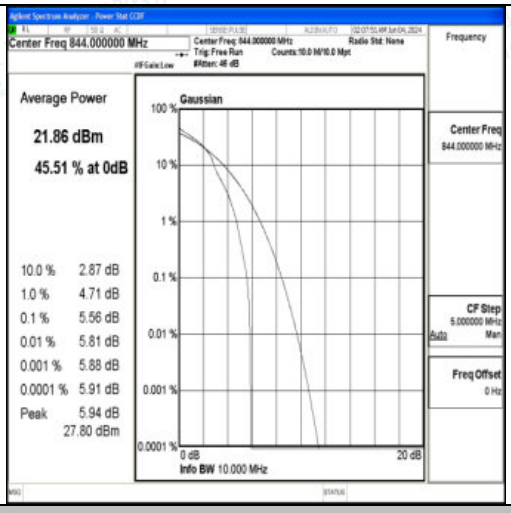


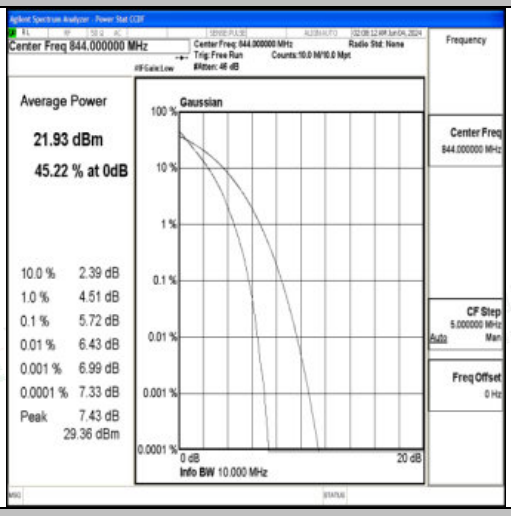
Band5-10MHz-16QAM-20525-50RB#0-PASS



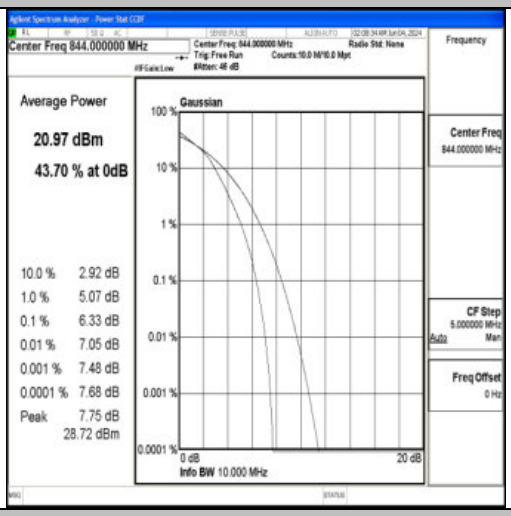
Band5-10MHz-QPSK-20600-1RB#0-PASS



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



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



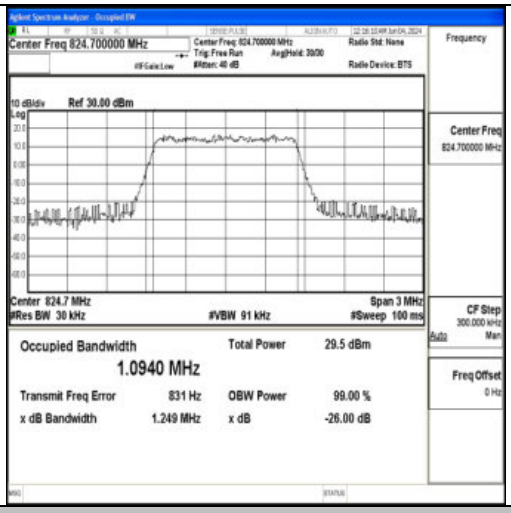
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.3 26dB Bandwidth and Occupied Bandwidth

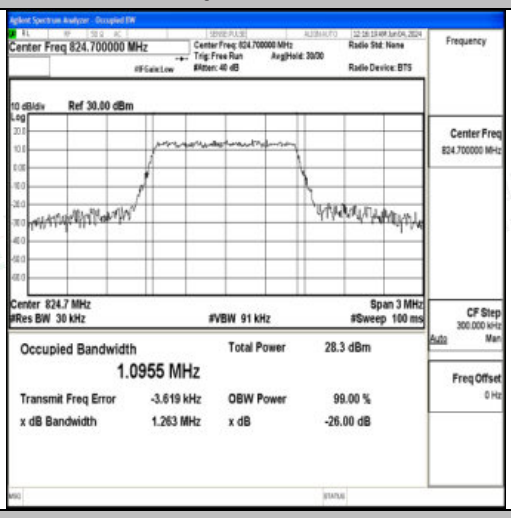
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0940	1.249	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0955	1.263	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0946	1.260	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0990	1.269	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1024	1.268	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0891	1.250	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7002	2.951	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6846	2.960	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6995	2.955	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6915	2.954	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6973	2.922	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6971	2.935	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5259	5.051	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5262	5.027	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5131	5.022	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5210	5.073	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5183	5.068	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5415	5.070	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0111	9.966	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0042	9.883	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9783	9.879	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9787	9.852	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0038	9.920	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0111	9.958	PASS

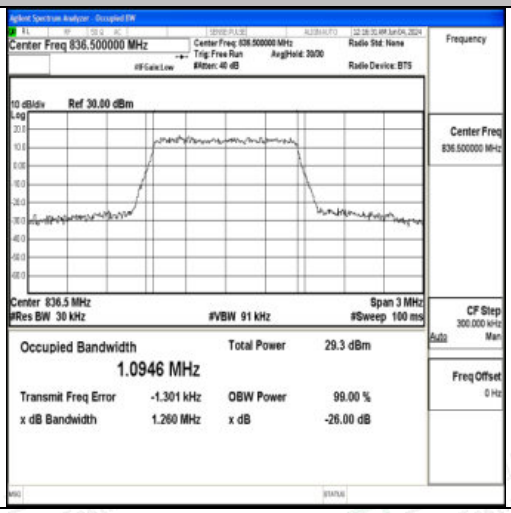
Test Graphs



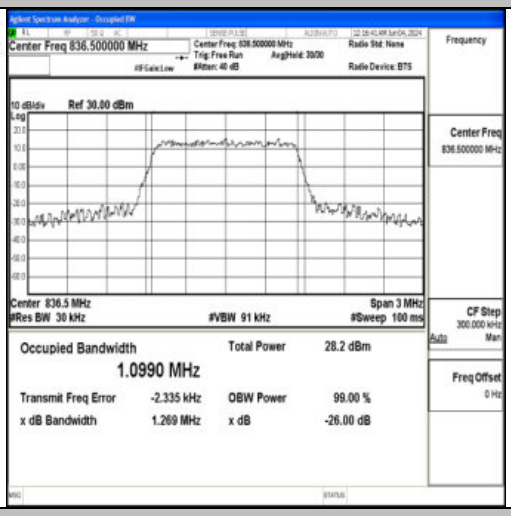
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



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



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



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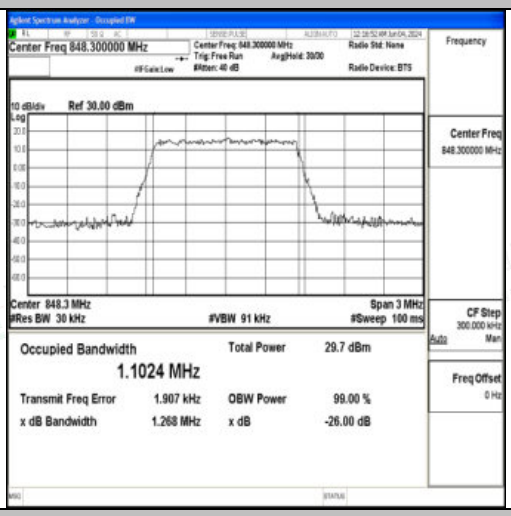
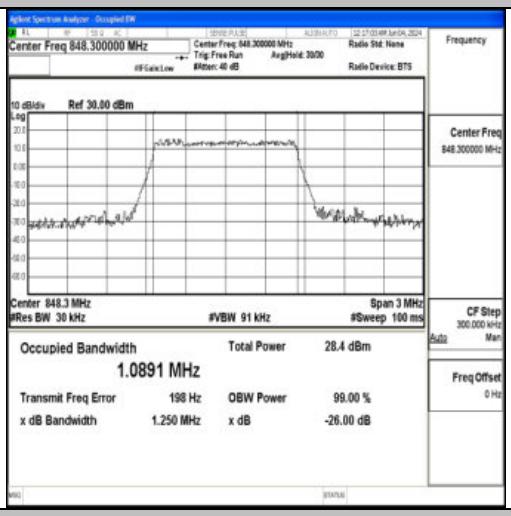
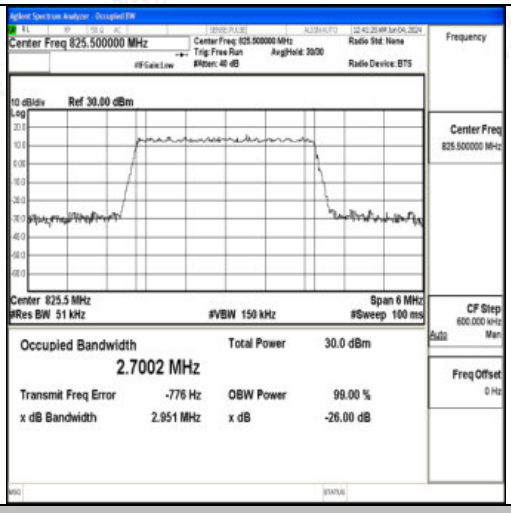


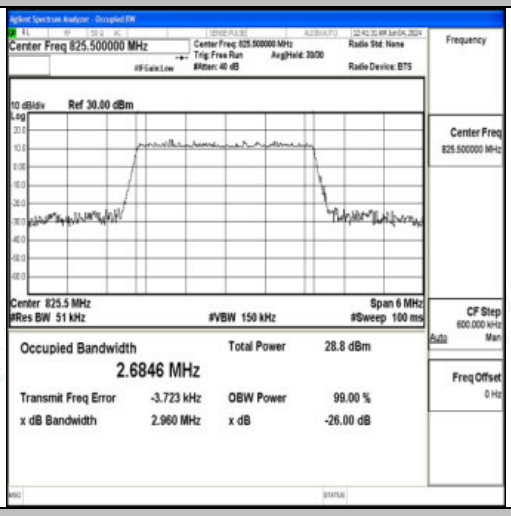
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



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



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



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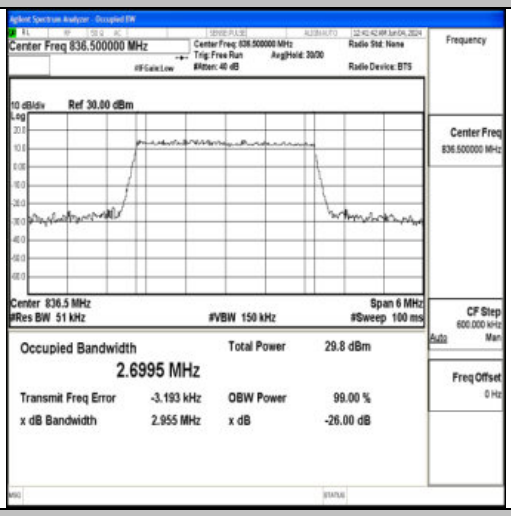

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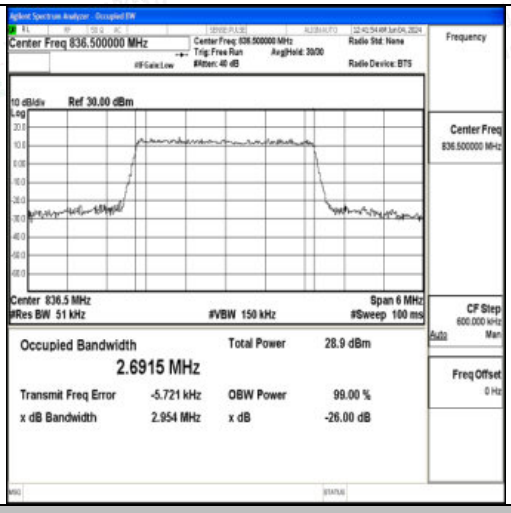
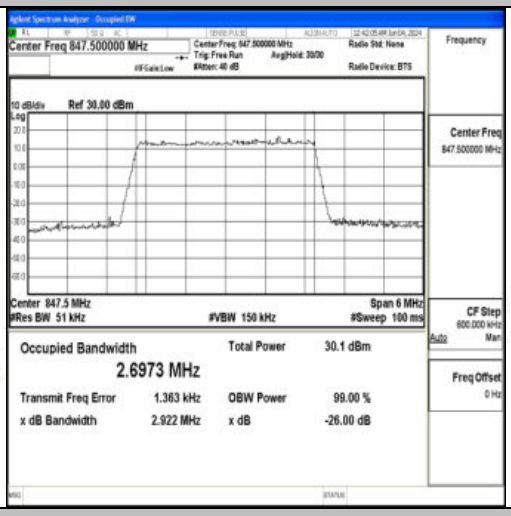
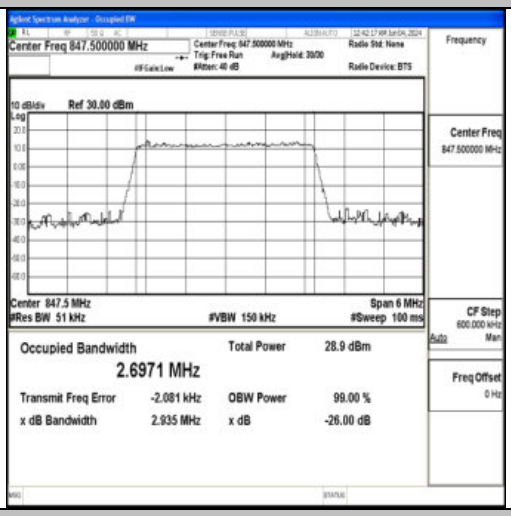


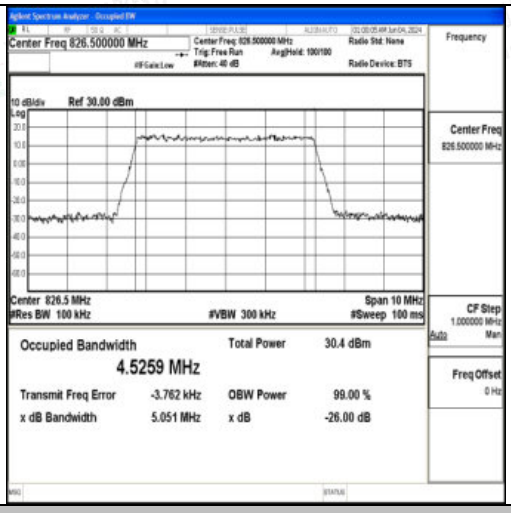
Band5-3MHz-16QAM-20525-15RB#0-PASS



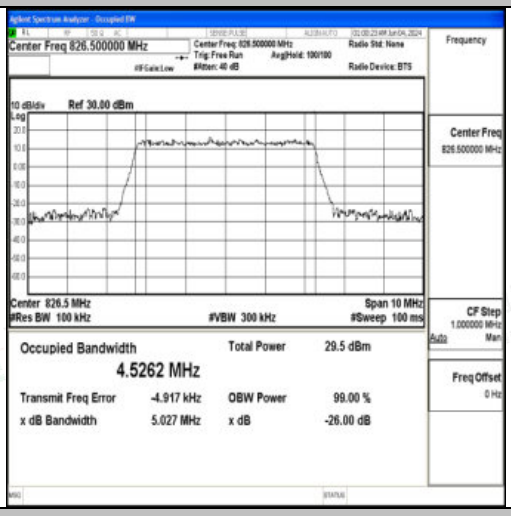
Band5-3MHz-QPSK-20635-15RB#0-PASS



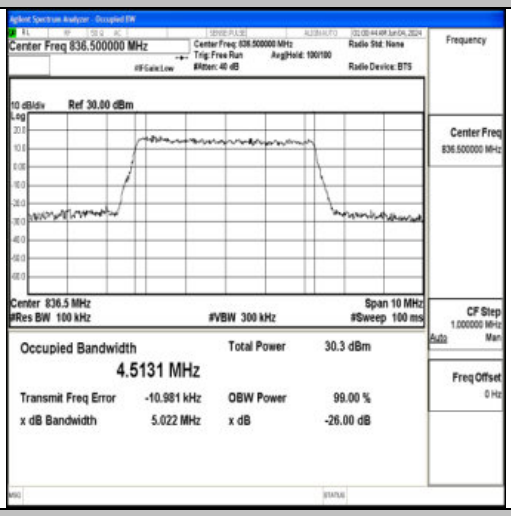
Band5-3MHz-16QAM-20635-15RB#0-PASS



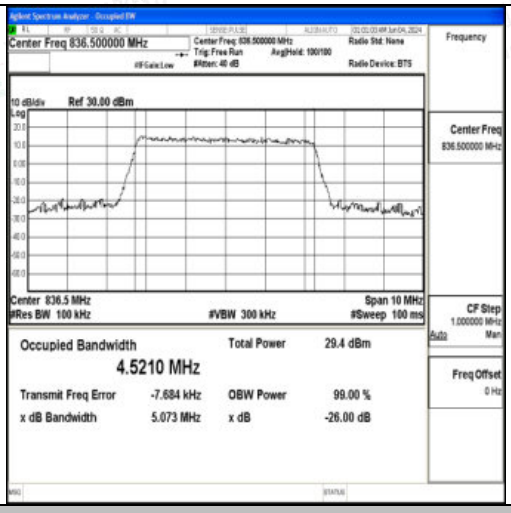
Band5-5MHz-QPSK-20425-25RB#0-PASS



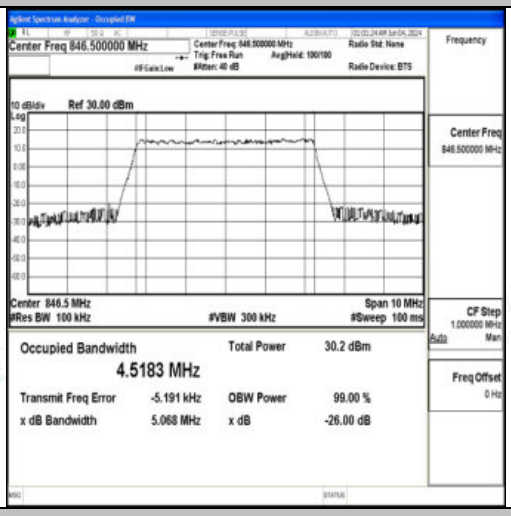
Band5-5MHz-16QAM-20425-25RB#0-PASS



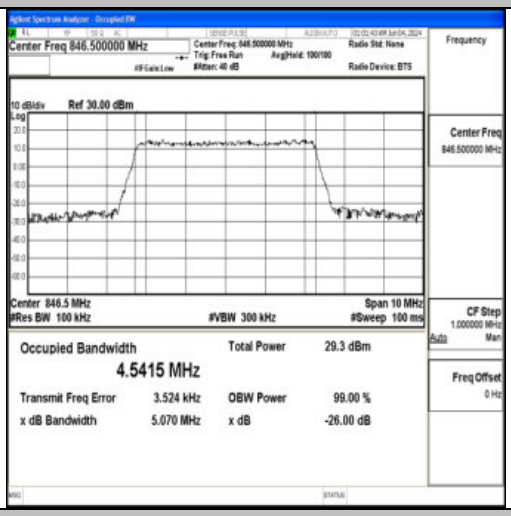
Band5-5MHz-QPSK-20525-25RB#0-PASS



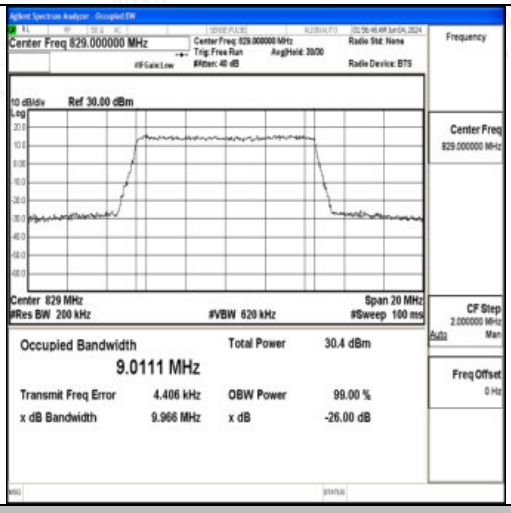
Band5-5MHz-16QAM-20525-25RB#0-PASS



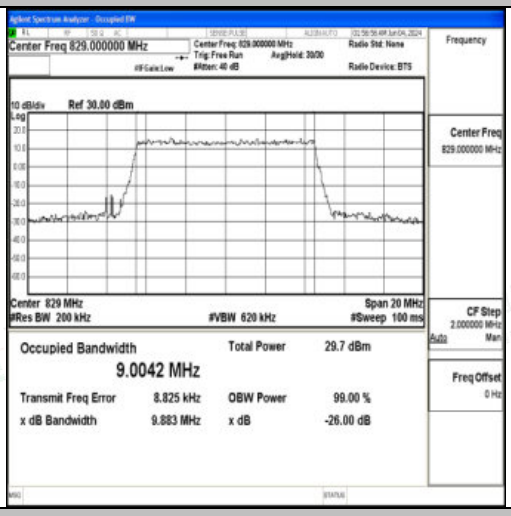
Band5-5MHz-QPSK-20625-25RB#0-PASS



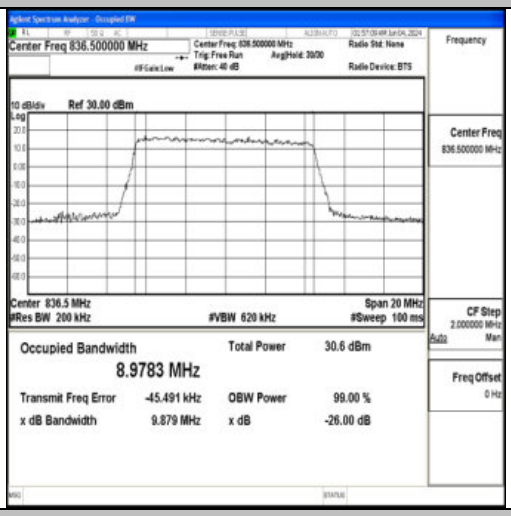
Band5-5MHz-16QAM-20625-25RB#0-PASS



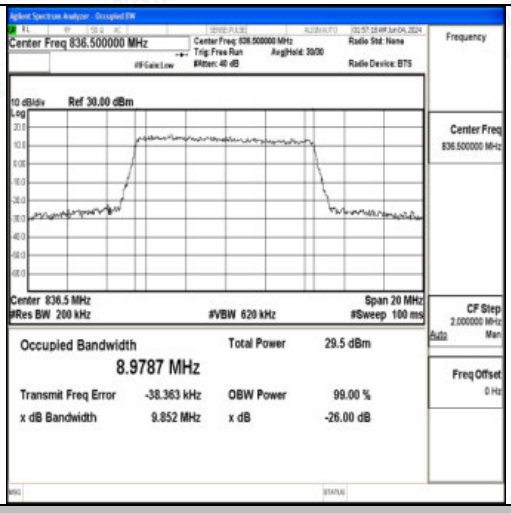
Band5-10MHz-QPSK-20450-50RB#0-PASS



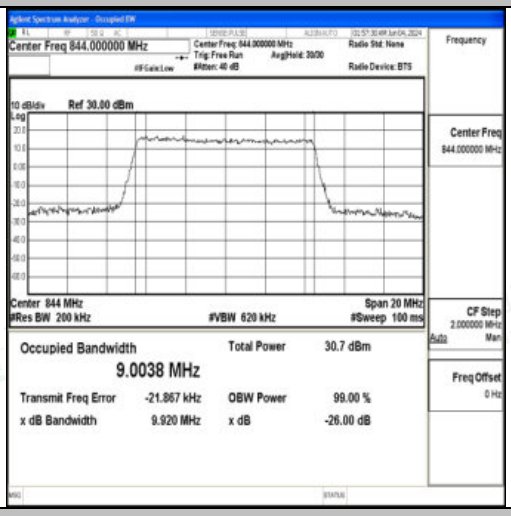
Band5-10MHz-16QAM-20450-50RB#0-PASS



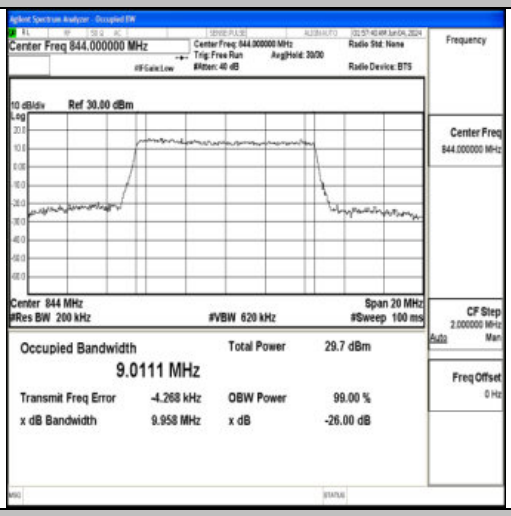
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



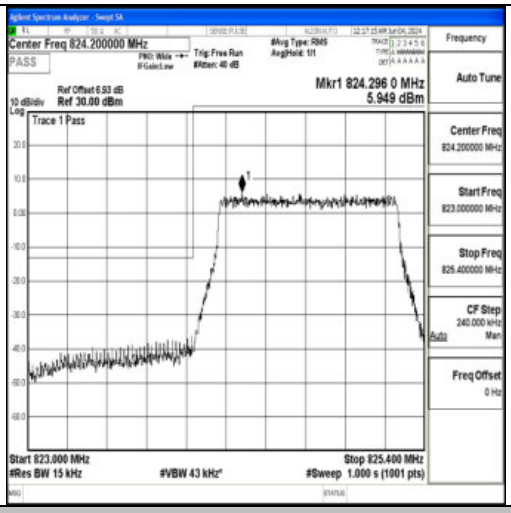
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.4 Band Edge

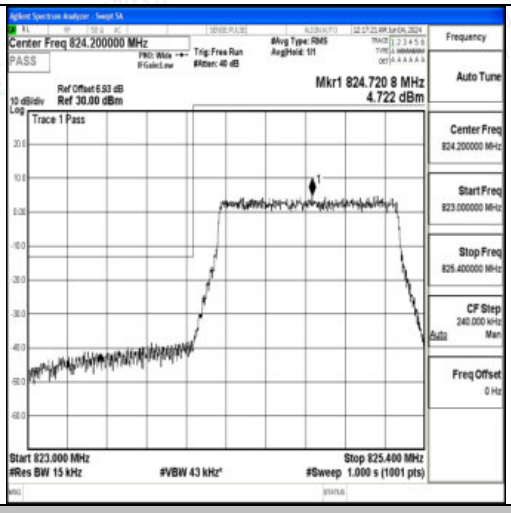
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.99	-36.13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.99	-37.91	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.00	-37.58	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.06	-37.01	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-29.13	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-32.61	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-30.15	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-32.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-29.52	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-29.25	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.00	-29.26	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-28.55	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.97	-32.30	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.95	-34.75	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.04	-33.04	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.05	-33.95	PASS

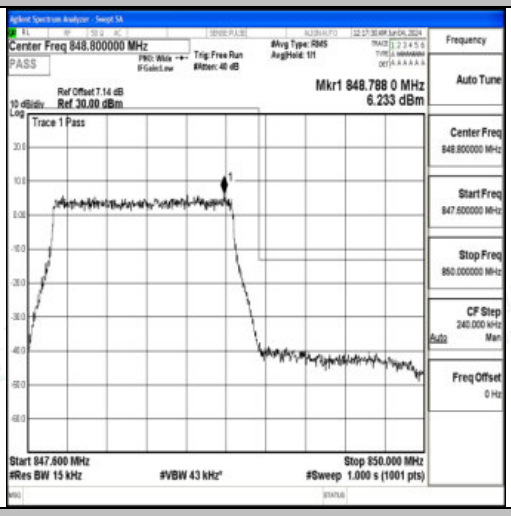
Test Graphs



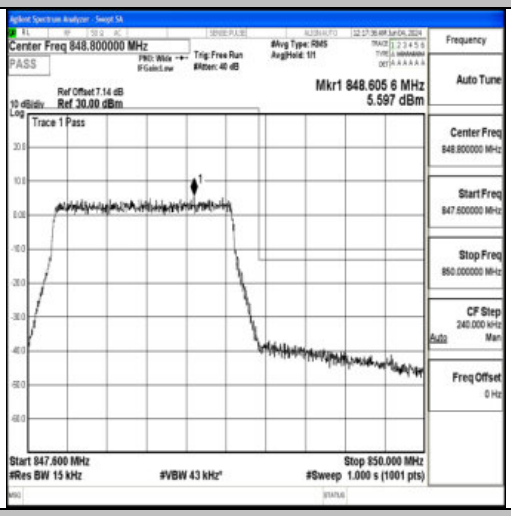
Band5_1.4MHz_QPSK_20407_6RB#0



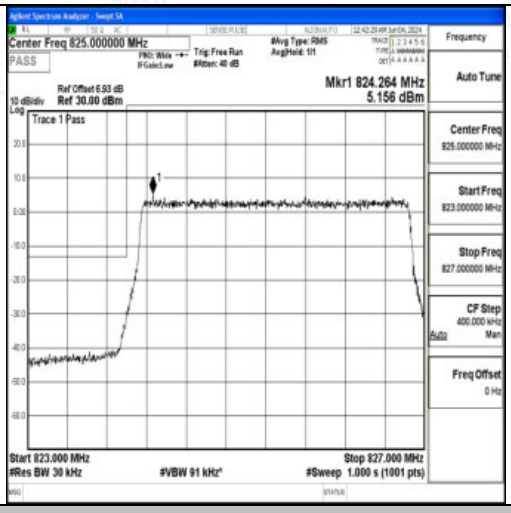
Band5_1.4MHz_16QAM_20407_6RB#0



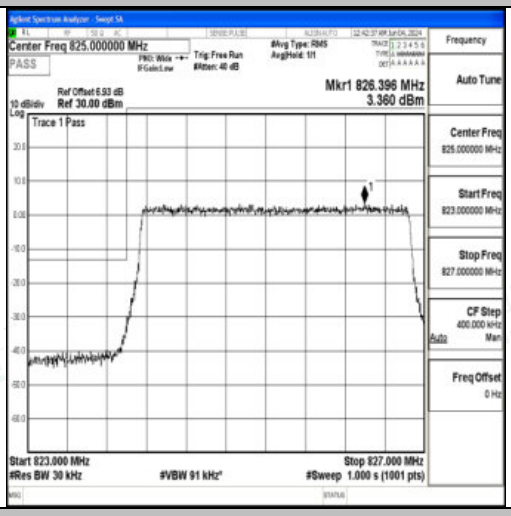
Band5_1.4MHz_QPSK_20643_6RB#0



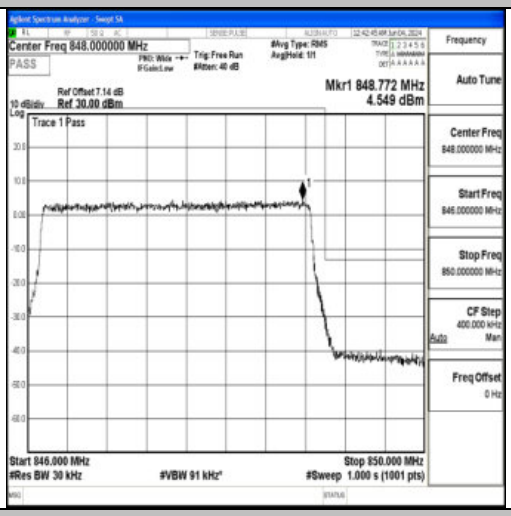
Band5_1.4MHz_16QAM_20643_6RB#0



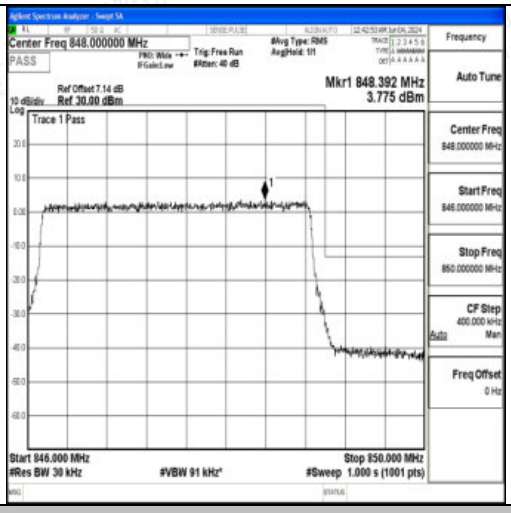
Band5_3MHz_QPSK_20415_15RB#0



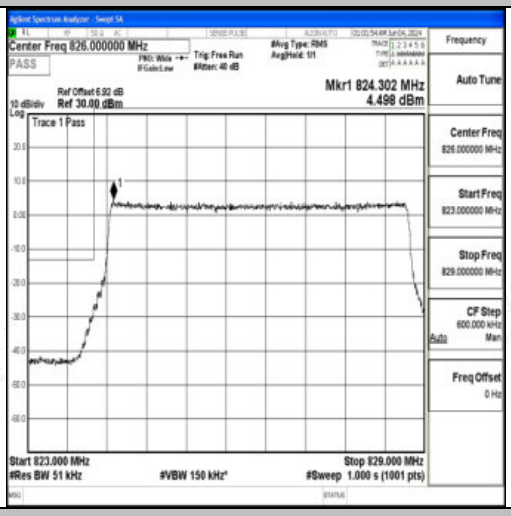
Band5_3MHz_16QAM_20415_15RB#0



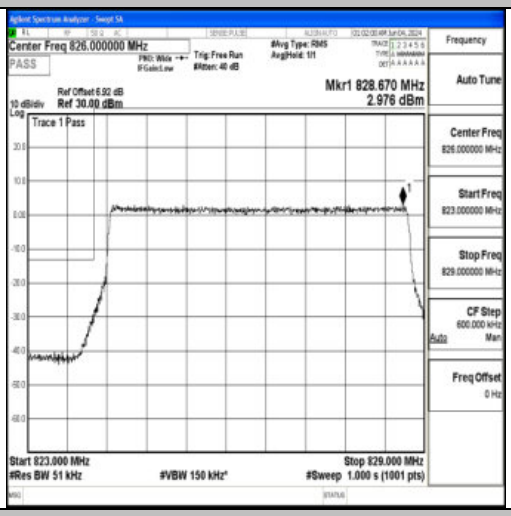
Band5_3MHz_QPSK_20635_15RB#0



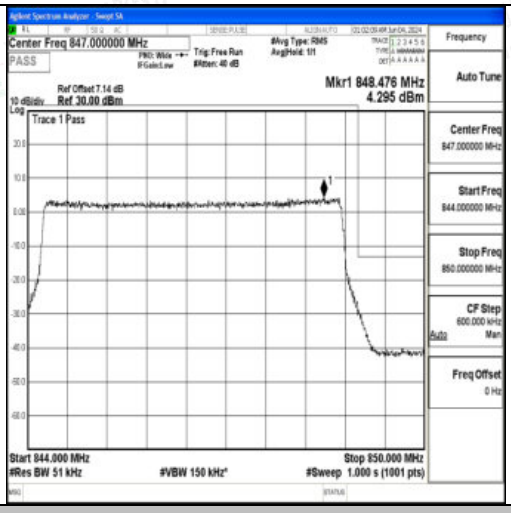
Band5_3MHz_16QAM_20635_15RB#0



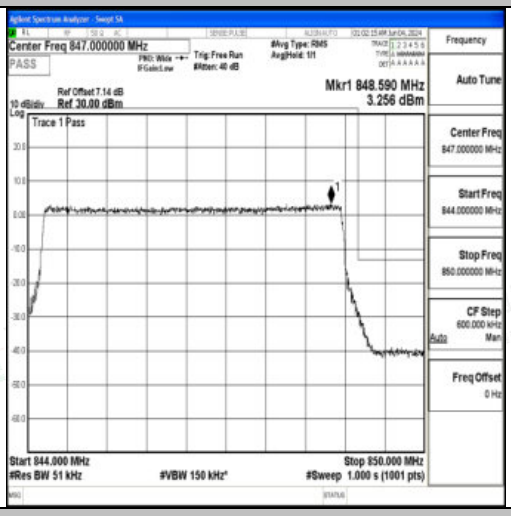
Band5_5MHz_QPSK_20425_25RB#0



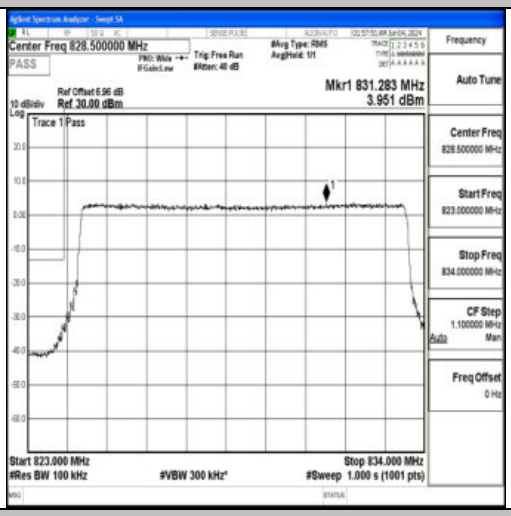
Band5_5MHz_16QAM_20425_25RB#0



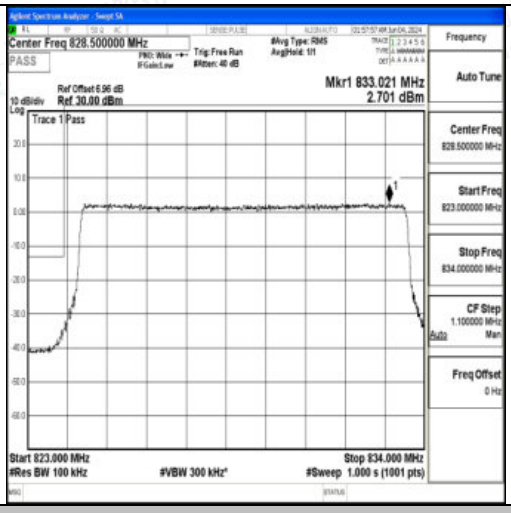
Band5_5MHz_QPSK_20625_25RB#0



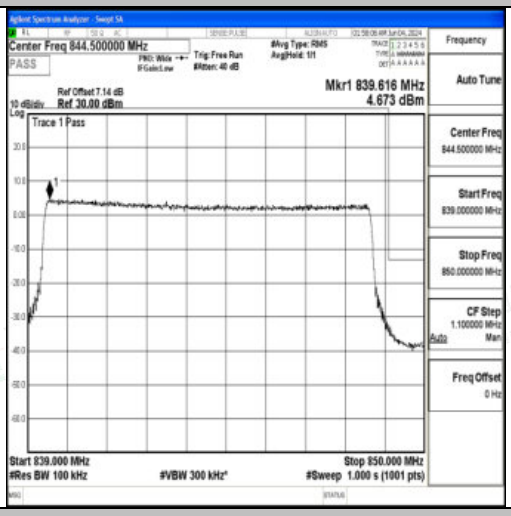
Band5_5MHz_16QAM_20625_25RB#0



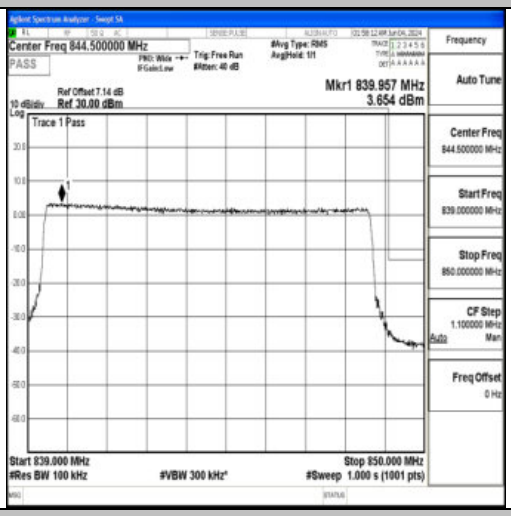
Band5_10MHz_QPSK_20450_50RB#0



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

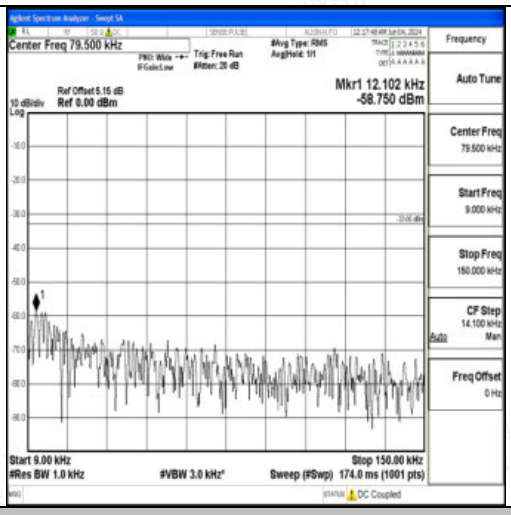
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-58.75	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-55.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-57.22	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-43.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.24	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-50.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-50.68	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-42.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.06	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-55.20	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.70	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-58.06	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-45.36	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-43.67	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-58.84	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-48.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-43.84	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-43.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-55.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-54.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-58.88	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-37.48	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.22	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-56.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-50.72	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-59.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-39.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-43.73	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.14	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-53.41	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-61.98	PASS

Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-43.12	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.14	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-56.18	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-53.20	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-61.66	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-44.10	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.42	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-54.67	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-51.75	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-61.80	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.94	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-59.80	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-50.05	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-52.61	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-43.67	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-43.06	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-59.52	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-51.00	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-60.25	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-38.03	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.30	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-57.00	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-51.22	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-61.80	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-38.84	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-58.26	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.59	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.90	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-42.89	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.60	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-57.99	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-54.54	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-61.85	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.90	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-57.26	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-53.22	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-61.99	PASS

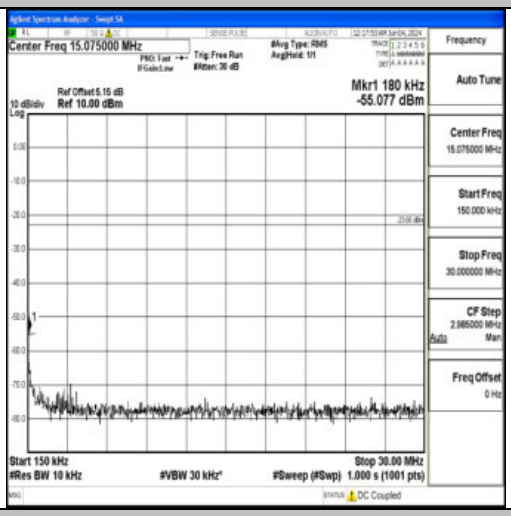
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-41.55	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-58.14	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-51.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.92	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-41.01	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.24	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.06	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-50.74	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-62.02	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-38.36	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.07	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-56.44	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-51.72	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-61.69	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-39.76	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-56.83	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-51.54	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-61.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-43.04	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.20	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-55.94	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.24	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.07	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-45.48	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.07	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-55.35	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.89	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.14	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-38.77	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.03	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-57.98	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-51.81	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.07	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-38.16	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.16	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-57.55	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-53.21	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.18	PASS

Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-47.60	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.22	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-59.02	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-51.83	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.95	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-47.65	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.19	PASS

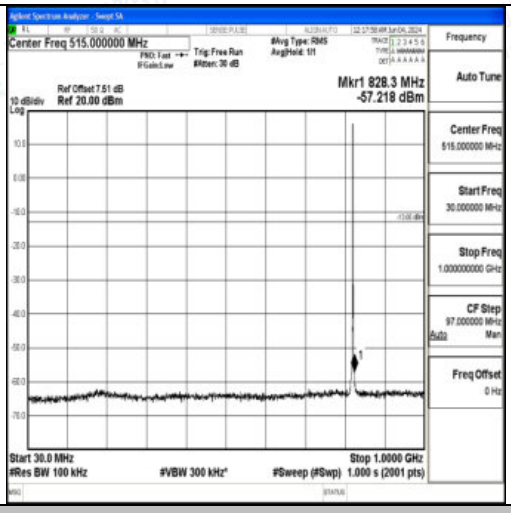
Test Graphs



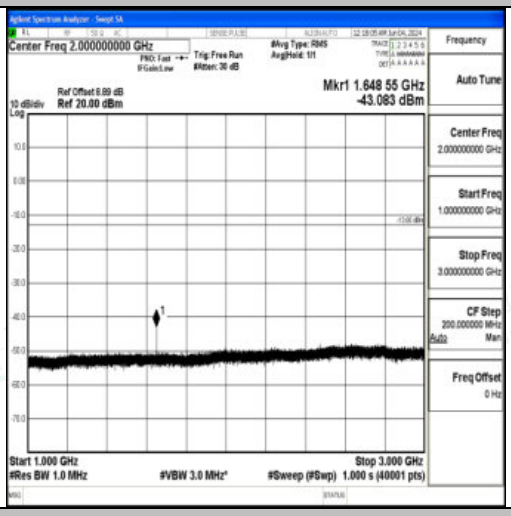
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



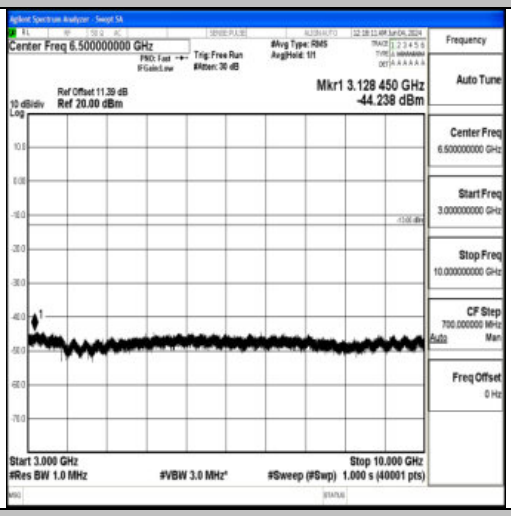
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



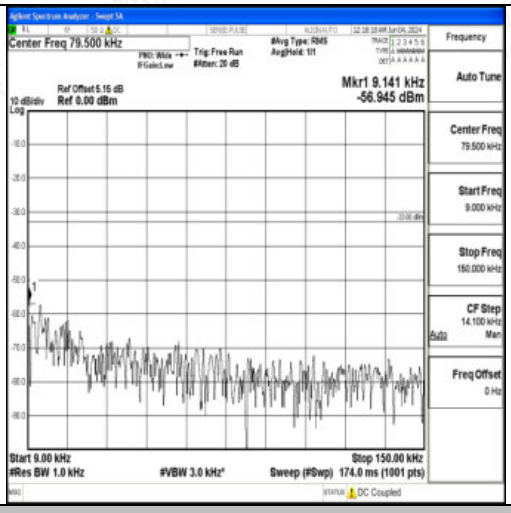
Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



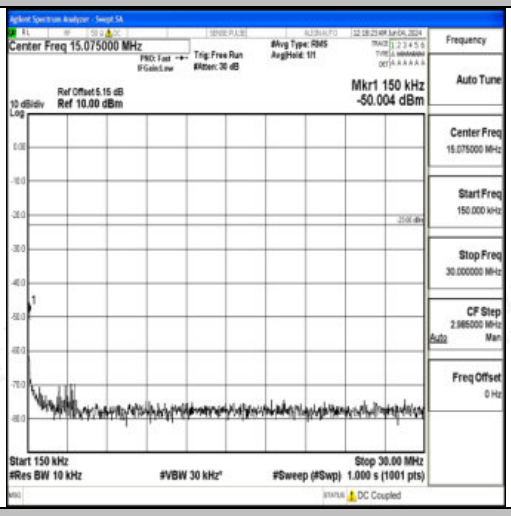
Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



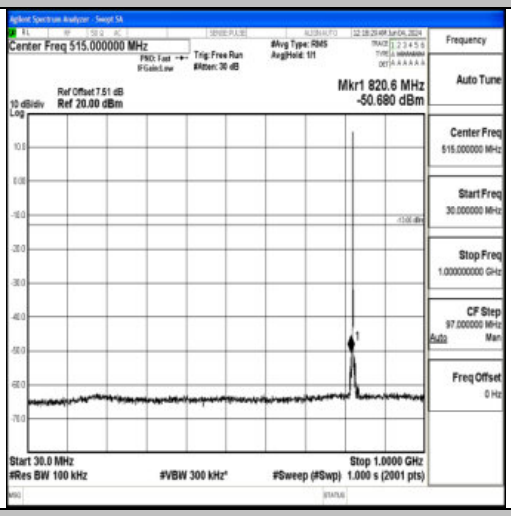
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



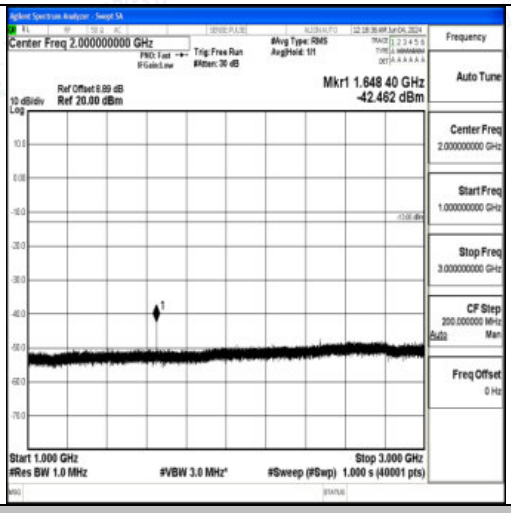
Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



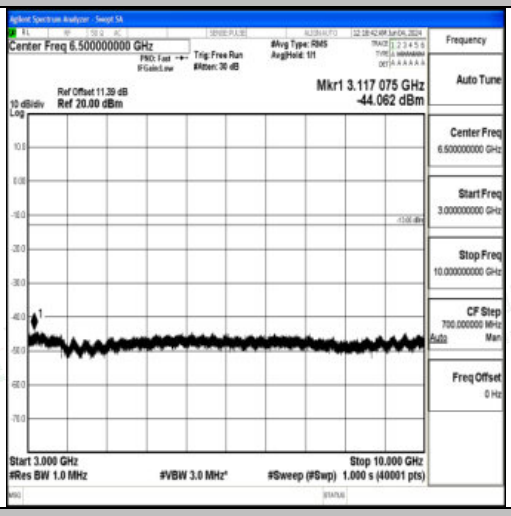
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



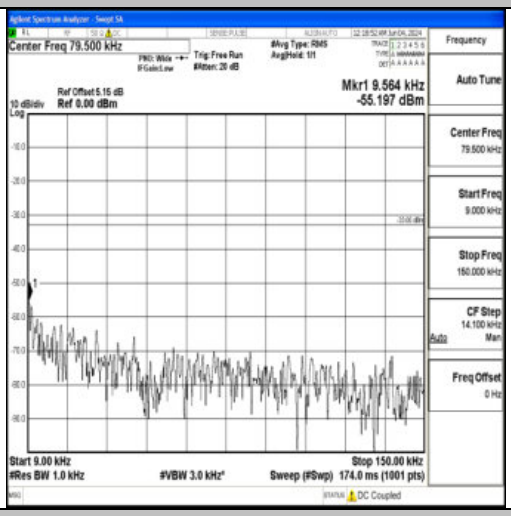
Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



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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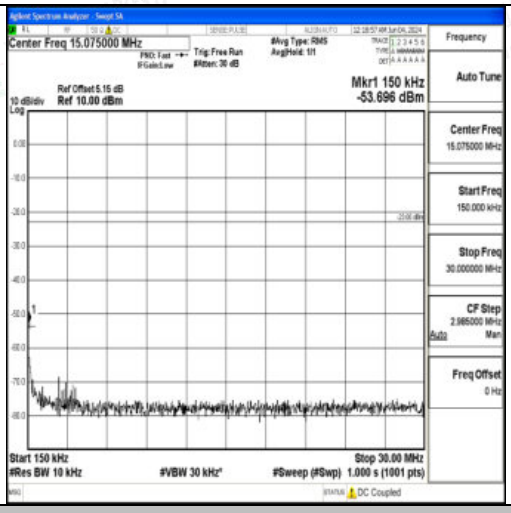

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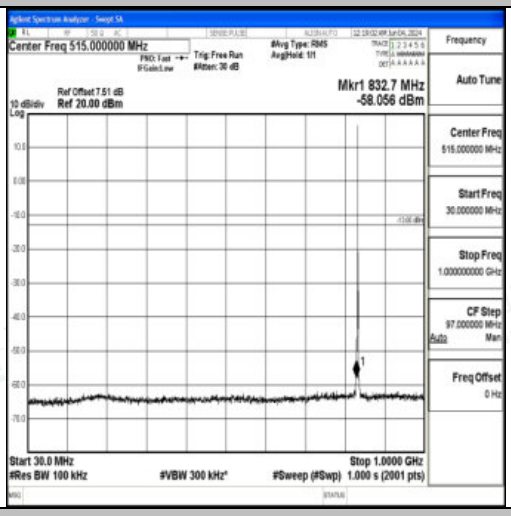
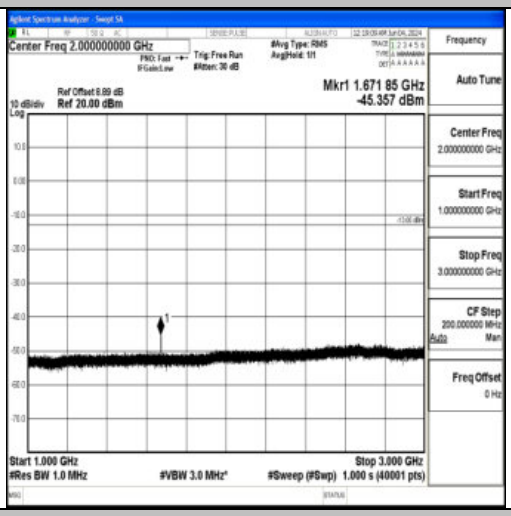
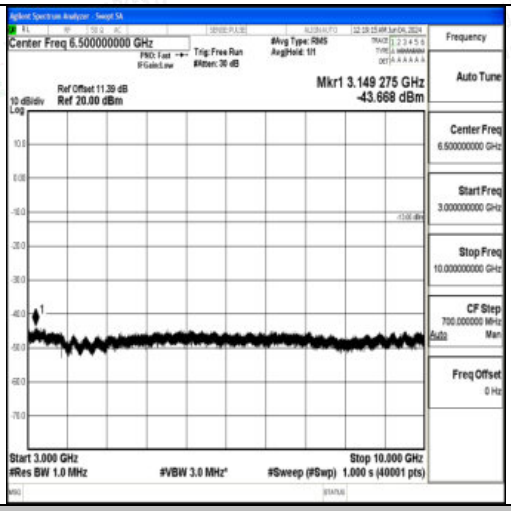


Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



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



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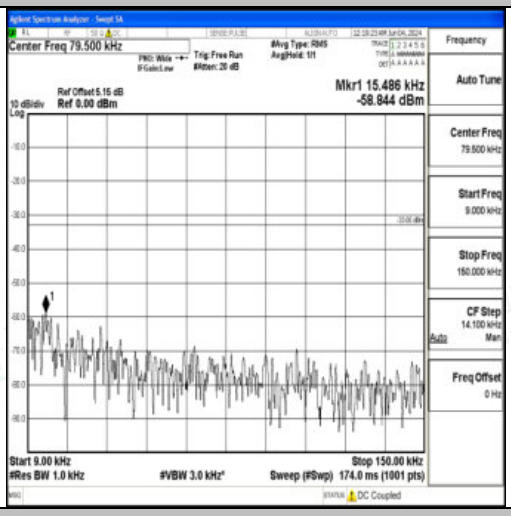

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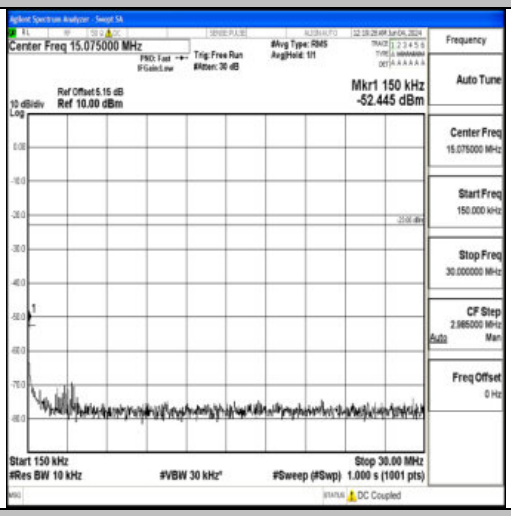

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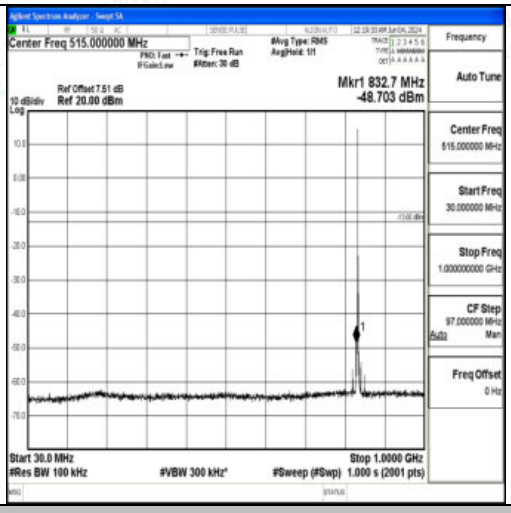
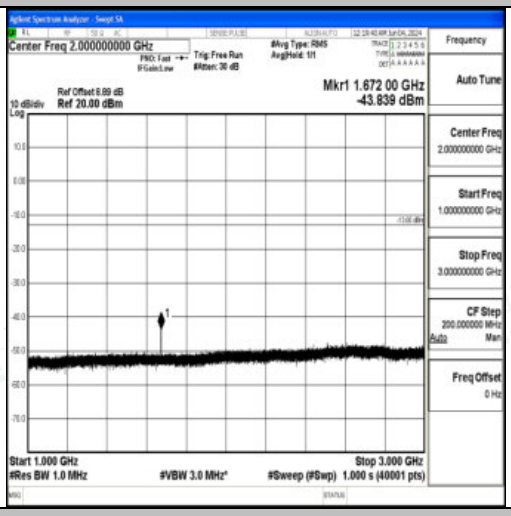
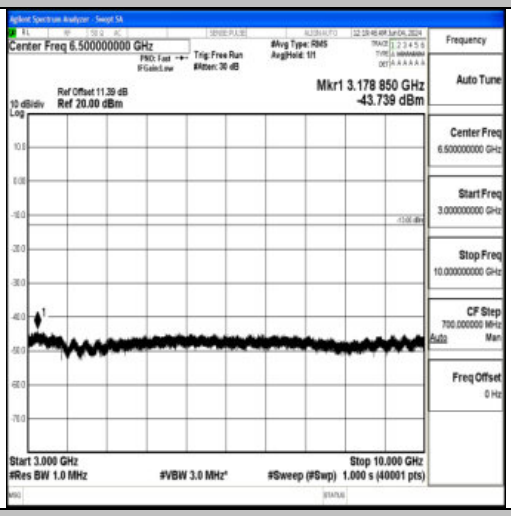


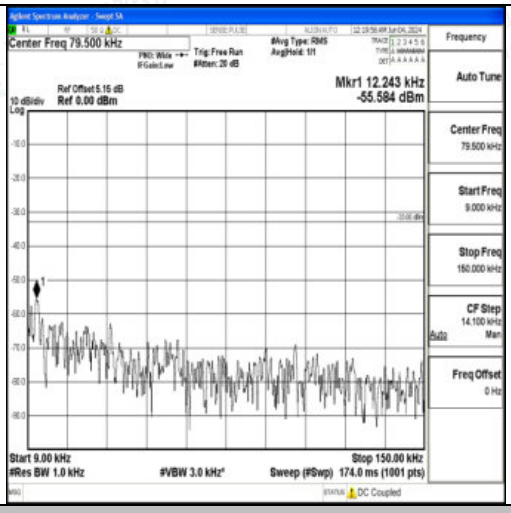
Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



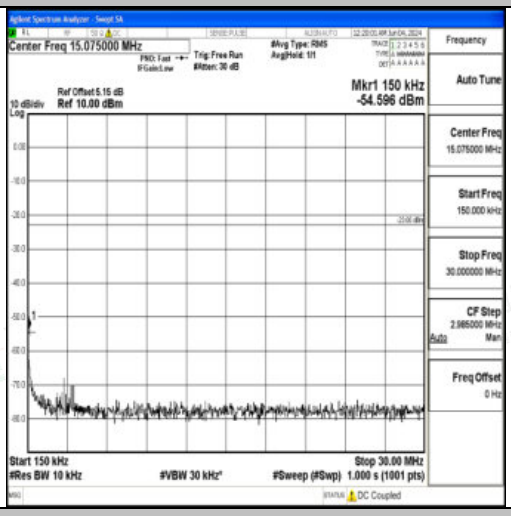
Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



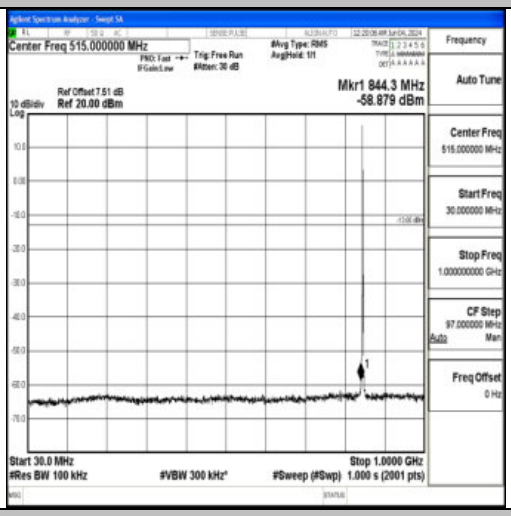
Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



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



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



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