Appendix H: Test Data for E-UTRA Band 5

Product Name: Mstick4

Test Model: MG-S04

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 Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	19.92	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	18.81	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	20.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	18.99	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	19.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	18.81	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	20.00	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	18.81	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	20.00	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	18.79	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	19.94	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	18.76	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	18.98	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	17.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	19.96	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	18.76	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	20.13	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	19.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	19.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	18.79	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	20.01	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	18.87	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	20.00	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	18.85	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	20.07	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	18.84	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	18.96	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	17.84	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	20.25	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	19.06	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	20.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	19.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	20.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	18.81	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	19.96	PASS

Band5	1.4MHz	16QAM	20643	3RB#0	18.83	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	19.89	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	18.84	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	20.04	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	18.72	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	19.12	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	17.99	PASS
Band5	3MHz	QPSK	20415	1RB#0	19.79	PASS
Band5	3MHz	16QAM	20415	1RB#0	19.02	PASS
Band5	3MHz	QPSK	20415	1RB#8	19.99	PASS
Band5	3MHz	16QAM	20415	1RB#8	19.00	PASS
Band5	3MHz	QPSK	20415	1RB#14	19.79	PASS
Band5	3MHz	16QAM	20415	1RB#14	18.87	PASS
Band5	3MHz	QPSK	20415	8RB#0	19.00	PASS
Band5	3MHz	16QAM	20415	8RB#0	17.97	PASS
Band5	3MHz	QPSK	20415	8RB#4	18.98	PASS
Band5	3MHz	16QAM	20415	8RB#4	17.98	PASS
Band5	3MHz	QPSK	20415	8RB#7	18.97	PASS
Band5	3MHz	16QAM	20415	8RB#7	17.96	PASS
Band5	3MHz	QPSK	20415	15RB#0	18.91	PASS
Band5	3MHz	16QAM	20415	15RB#0	17.95	PASS
Band5	3MHz	QPSK	20525	1RB#0	20.00	PASS
Band5	3MHz	16QAM	20525	1RB#0	18.88	PASS
Band5	3MHz	QPSK	20525	1RB#8	20.02	PASS
Band5	3MHz	16QAM	20525	1RB#8	18.87	PASS
Band5	3MHz	QPSK	20525	1RB#14	19.99	PASS
Band5	3MHz	16QAM	20525	1RB#14	18.88	PASS
Band5	3MHz	QPSK	20525	8RB#0	18.78	PASS
Band5	3MHz	16QAM	20525	8RB#0	17.91	PASS
Band5	3MHz	QPSK	20525	8RB#4	18.92	PASS
Band5	3MHz	16QAM	20525	8RB#4	17.89	PASS
Band5	3MHz	QPSK	20525	8RB#7	18.93	PASS
Band5	3MHz	16QAM	20525	8RB#7	17.96	PASS
Band5	3MHz	QPSK	20525	15RB#0	18.96	PASS
Band5	3MHz	16QAM	20525	15RB#0	17.84	PASS
Band5	3MHz	QPSK	20635	1RB#0	20.24	PASS
Band5	3MHz	16QAM	20635	1RB#0	18.66	PASS
Band5	3MHz	QPSK	20635	1RB#8	19.82	PASS
Band5	3MHz	16QAM	20635	1RB#8	18.86	PASS
Band5	3MHz	QPSK	20635	1RB#14	19.91	PASS
Band5	3MHz	16QAM	20635	1RB#14	18.72	PASS

Band5	3MHz	QPSK	20635	8RB#0	18.96	PASS
Band5	3MHz	16QAM	20635	8RB#0	17.88	PASS
Band5	3MHz	QPSK	20635	8RB#4	19.07	PASS
Band5	3MHz	16QAM	20635	8RB#4	17.89	PASS
Band5	3MHz	QPSK	20635	8RB#7	19.25	PASS
Band5	3MHz	16QAM	20635	8RB#7	18.16	PASS
Band5	3MHz	QPSK	20635	15RB#0	19.07	PASS
Band5	3MHz	16QAM	20635	15RB#0	18.04	PASS
Band5	5MHz	QPSK	20425	1RB#0	19.94	PASS
Band5	5MHz	16QAM	20425	1RB#0	18.87	PASS
Band5	5MHz	QPSK	20425	1RB#12	20.01	PASS
Band5	5MHz	16QAM	20425	1RB#12	18.91	PASS
Band5	5MHz	QPSK	20425	1RB#24	19.84	PASS
Band5	5MHz	16QAM	20425	1RB#24	18.76	PASS
Band5	5MHz	QPSK	20425	12RB#0	18.93	PASS
Band5	5MHz	16QAM	20425	12RB#0	17.91	PASS
Band5	5MHz	QPSK	20425	12RB#6	18.94	PASS
Band5	5MHz	16QAM	20425	12RB#6	17.90	PASS
Band5	5MHz	QPSK	20425	12RB#13	18.79	PASS
Band5	5MHz	16QAM	20425	12RB#13	17.75	PASS
Band5	5MHz	QPSK	20425	25RB#0	18.92	PASS
Band5	5MHz	16QAM	20425	25RB#0	17.92	PASS
Band5	5MHz	QPSK	20525	1RB#0	19.81	PASS
Band5	5MHz	16QAM	20525	1RB#0	18.99	PASS
Band5	5MHz	QPSK	20525	1RB#12	19.98	PASS
Band5	5MHz	16QAM	20525	1RB#12	19.09	PASS
Band5	5MHz	QPSK	20525	1RB#24	19.89	PASS
Band5	5MHz	16QAM	20525	1RB#24	18.98	PASS
Band5	5MHz	QPSK	20525	12RB#0	18.89	PASS
Band5	5MHz	16QAM	20525	12RB#0	17.94	PASS
Band5	5MHz	QPSK	20525	12RB#6	18.81	PASS
Band5	5MHz	16QAM	20525	12RB#6	17.90	PASS
Band5	5MHz	QPSK	20525	12RB#13	18.98	PASS
Band5	5MHz	16QAM	20525	12RB#13	17.95	PASS
Band5	5MHz	QPSK	20525	25RB#0	18.99	PASS
Band5	5MHz	16QAM	20525	25RB#0	18.01	PASS
Band5	5MHz	QPSK	20625	1RB#0	19.79	PASS
Band5	5MHz	16QAM	20625	1RB#0	18.40	PASS
Band5	5MHz	QPSK	20625	1RB#12	19.85	PASS
Band5	5MHz	16QAM	20625	1RB#12	18.78	PASS
Band5	5MHz	QPSK	20625	1RB#24	19.72	PASS

Band5	5MHz	16QAM	20625	1RB#24	18.60	PASS
Band5	5MHz	QPSK	20625	12RB#0	18.67	PASS
Band5	5MHz	16QAM	20625	12RB#0	17.89	PASS
Band5	5MHz	QPSK	20625	12RB#6	18.91	PASS
Band5	5MHz	16QAM	20625	12RB#6	17.83	PASS
Band5	5MHz	QPSK	20625	12RB#13	19.13	PASS
Band5	5MHz	16QAM	20625	12RB#13	18.01	PASS
Band5	5MHz	QPSK	20625	25RB#0	19.20	PASS
Band5	5MHz	16QAM	20625	25RB#0	18.07	PASS
Band5	10MHz	QPSK	20450	1RB#0	19.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	19.01	PASS
Band5	10MHz	QPSK	20450	1RB#24	20.14	PASS
Band5	10MHz	16QAM	20450	1RB#24	18.99	PASS
Band5	10MHz	QPSK	20450	1RB#49	19.81	PASS
Band5	10MHz	16QAM	20450	1RB#49	18.85	PASS
Band5	10MHz	QPSK	20450	25RB#0	19.13	PASS
Band5	10MHz	16QAM	20450	25RB#0	18.05	PASS
Band5	10MHz	QPSK	20450	25RB#12	19.11	PASS
Band5	10MHz	16QAM	20450	25RB#12	18.06	PASS
Band5	10MHz	QPSK	20450	25RB#25	18.87	PASS
Band5	10MHz	16QAM	20450	25RB#25	17.86	PASS
Band5	10MHz	QPSK	20450	50RB#0	19.04	PASS
Band5	10MHz	16QAM	20450	50RB#0	17.99	PASS
Band5	10MHz	QPSK	20525	1RB#0	19.98	PASS
Band5	10MHz	16QAM	20525	1RB#0	18.82	PASS
Band5	10MHz	QPSK	20525	1RB#24	20.14	PASS
Band5	10MHz	16QAM	20525	1RB#24	19.01	PASS
Band5	10MHz	QPSK	20525	1RB#49	20.07	PASS
Band5	10MHz	16QAM	20525	1RB#49	18.72	PASS
Band5	10MHz	QPSK	20525	25RB#0	19.02	PASS
Band5	10MHz	16QAM	20525	25RB#0	18.00	PASS
Band5	10MHz	QPSK	20525	25RB#12	18.98	PASS
Band5	10MHz	16QAM	20525	25RB#12	18.02	PASS
Band5	10MHz	QPSK	20525	25RB#25	19.20	PASS
Band5	10MHz	16QAM	20525	25RB#25	18.20	PASS
Band5	10MHz	QPSK	20525	50RB#0	19.07	PASS
Band5	10MHz	16QAM	20525	50RB#0	18.08	PASS
Band5	10MHz	QPSK	20600	1RB#0	20.03	PASS
Band5	10MHz	16QAM	20600	1RB#0	18.83	PASS
Band5	10MHz	QPSK	20600	1RB#24	20.22	PASS
Band5	10MHz	16QAM	20600	1RB#24	18.68	PASS

Band5	10MHz	QPSK	20600	1RB#49	19.82	PASS
Band5	10MHz	16QAM	20600	1RB#49	18.63	PASS
Band5	10MHz	QPSK	20600	25RB#0	19.11	PASS
Band5	10MHz	16QAM	20600	25RB#0	18.32	PASS
Band5	10MHz	QPSK	20600	25RB#12	19.34	PASS
Band5	10MHz	16QAM	20600	25RB#12	18.30	PASS
Band5	10MHz	QPSK	20600	25RB#25	19.18	PASS
Band5	10MHz	16QAM	20600	25RB#25	18.32	PASS
Band5	10MHz	QPSK	20600	50RB#0	19.32	PASS
Band5	10MHz	16QAM	20600	50RB#0	18.30	PASS

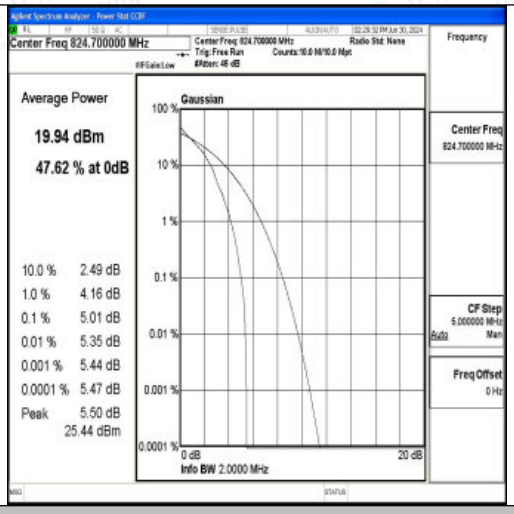
H.2 Peak-to-Average Ratio(CCDF)

Test Result

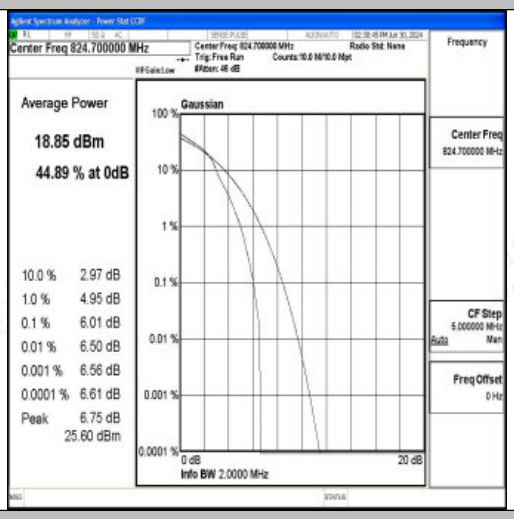
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.01	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.01	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.35	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.13	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.27	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.59	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.47	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.57	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.68	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.50	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.02	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.89	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.22	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.02	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.46	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.10	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.85	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.59	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.65	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.72	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.57	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.42	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.11	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.66	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.32	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.98	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.43	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.09	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.85	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.47	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.37	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.20	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.65	13	PASS

Band5	5MHz	16QAM	20625	25RB#0	6.35	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.87	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.75	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.05	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.34	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.25	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.63	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.40	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.77	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.97	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.54	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.17	13	PASS

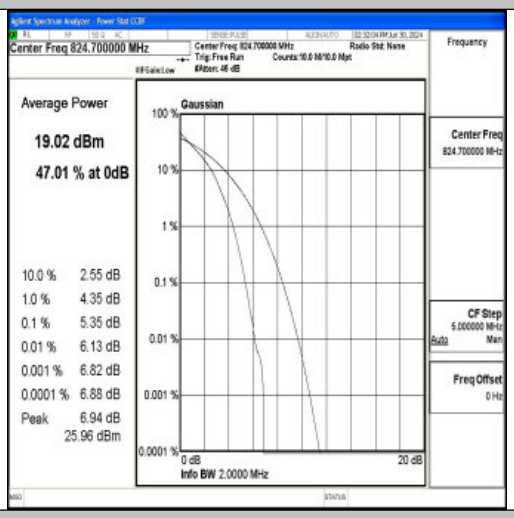
Test Graphs



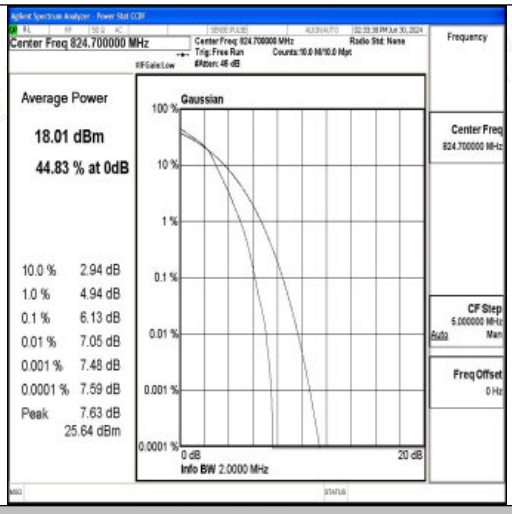
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



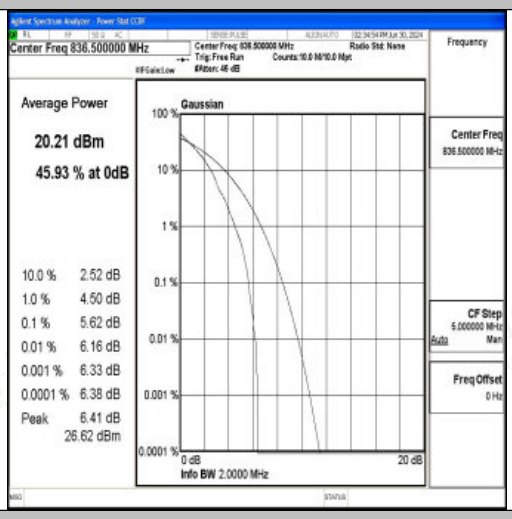
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



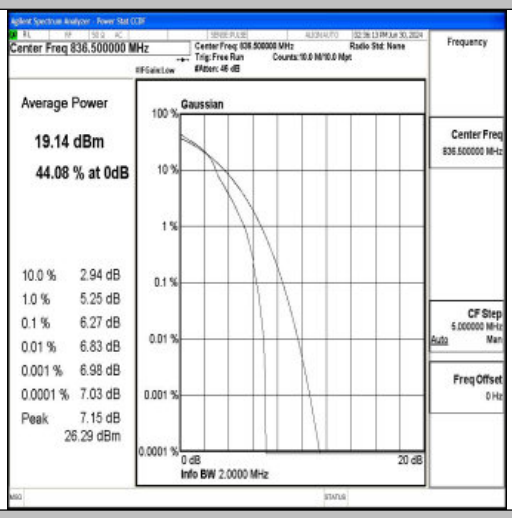
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



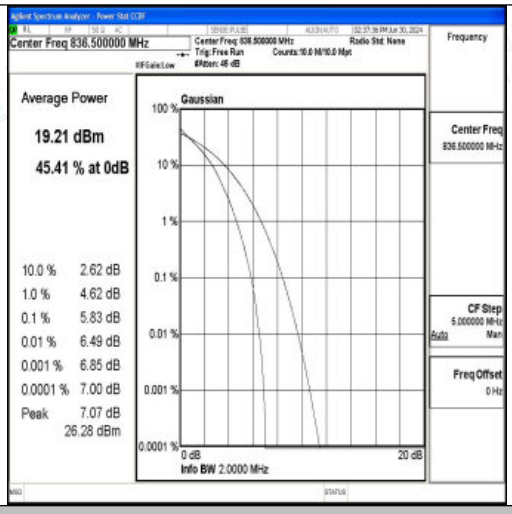
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



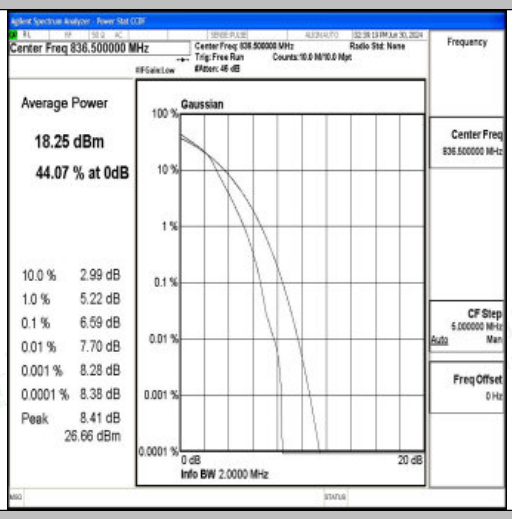
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



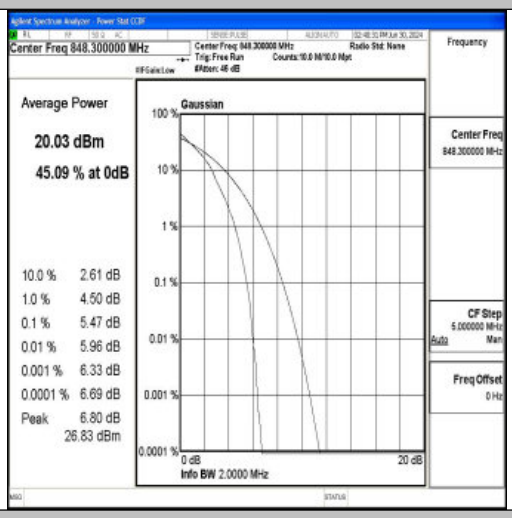
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



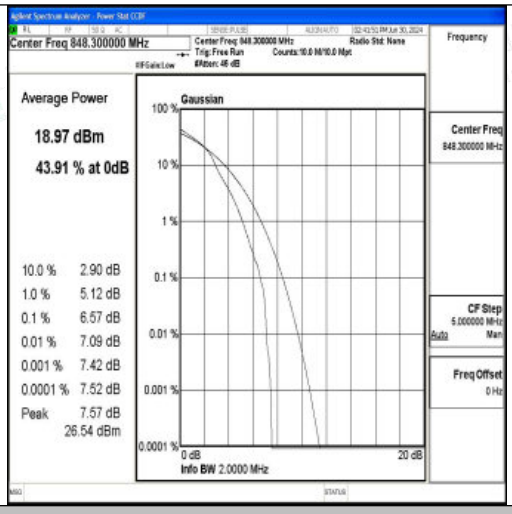
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



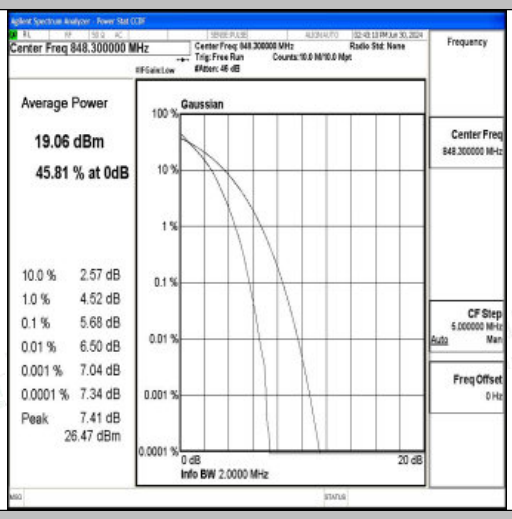
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



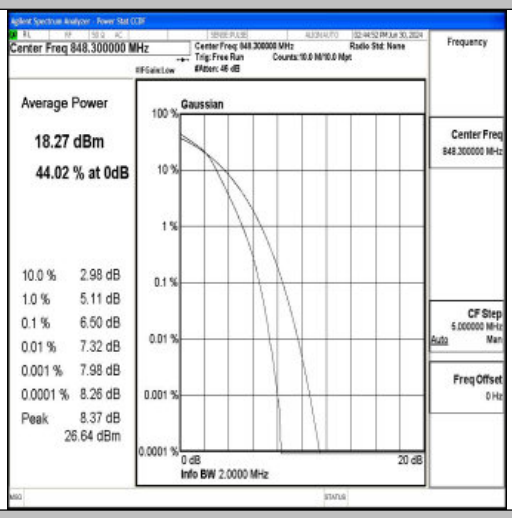
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



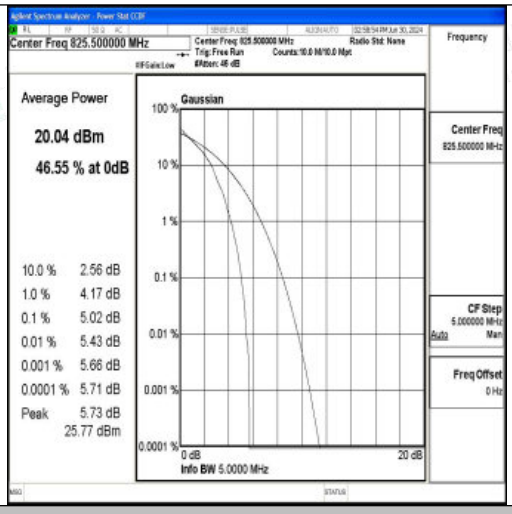
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



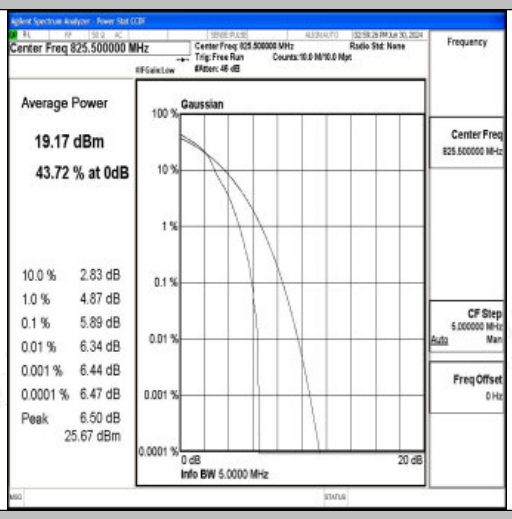
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



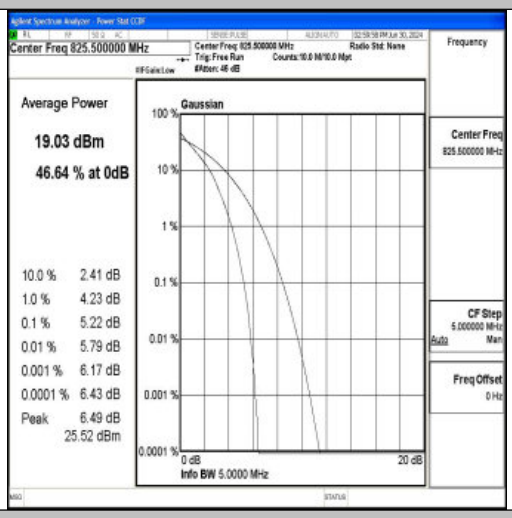
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



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



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



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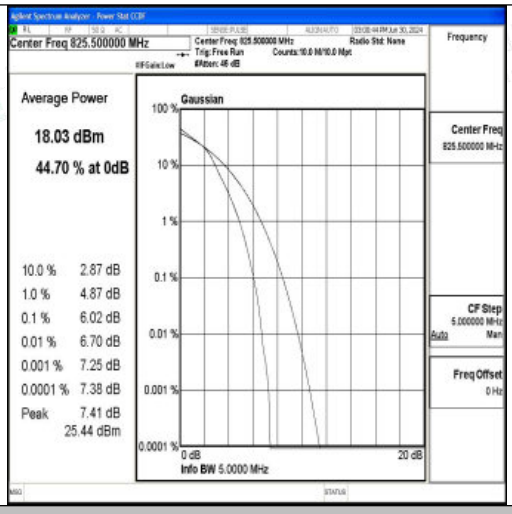

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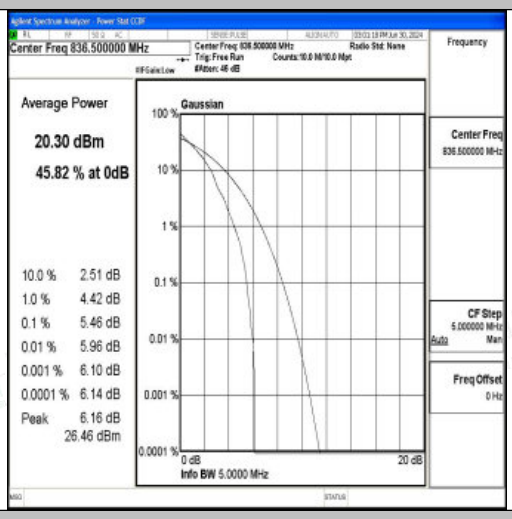
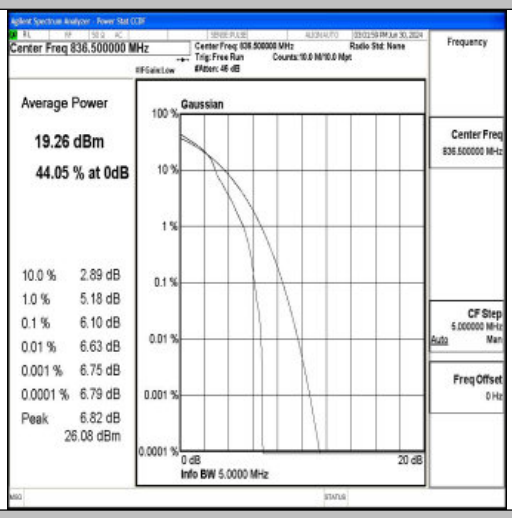


Band5-3MHz-QPSK-20525-1RB#0-PASS



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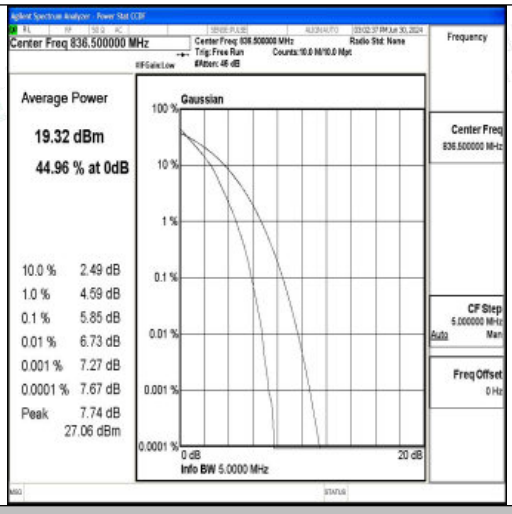

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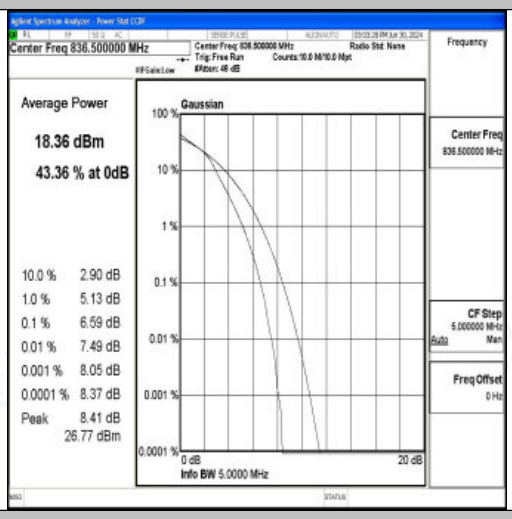
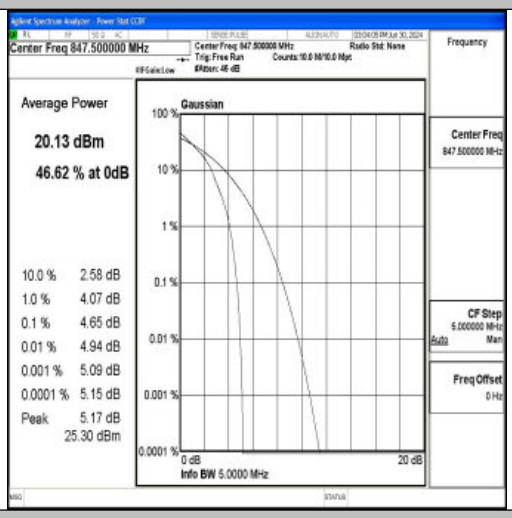
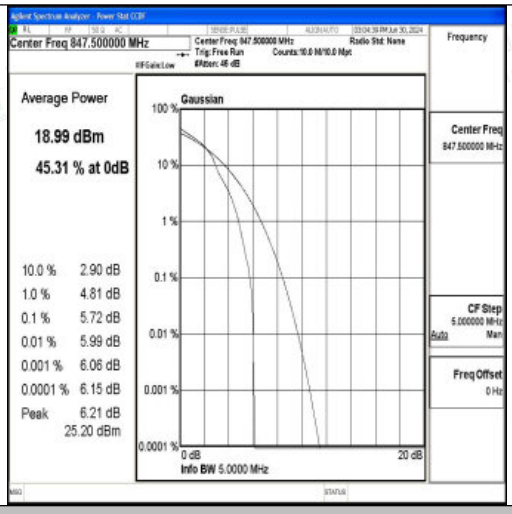


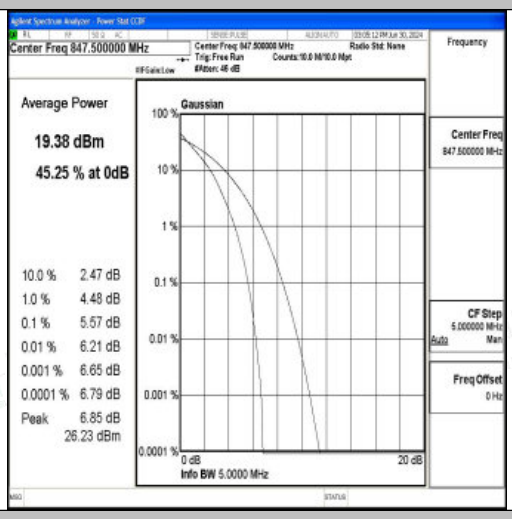
Band5-3MHz-16QAM-20525-15RB#0-PASS



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



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



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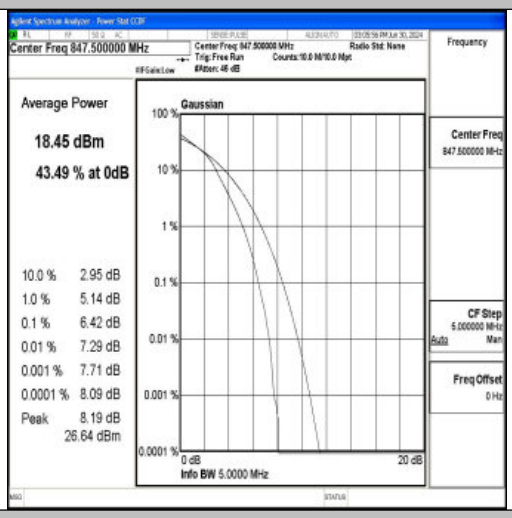

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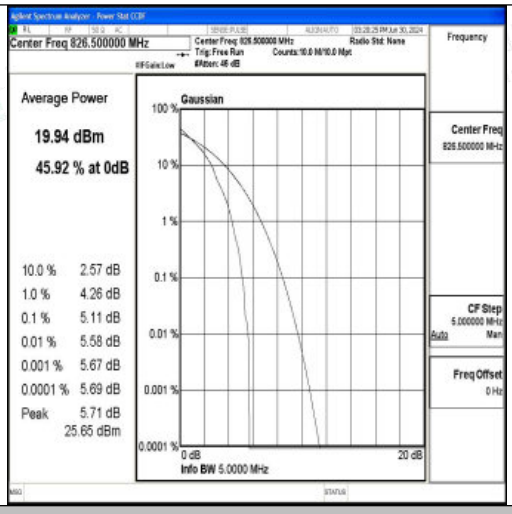
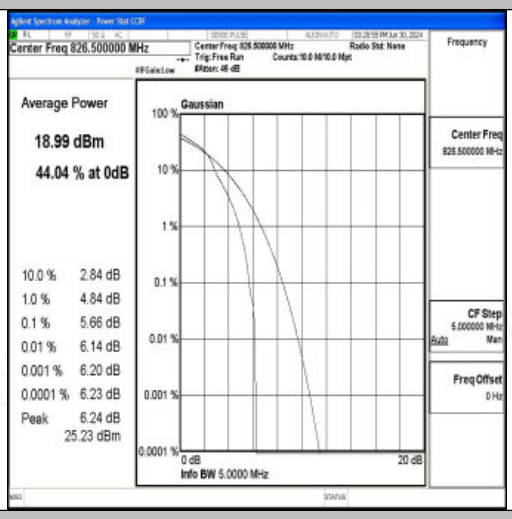


Band5-5MHz-QPSK-20425-1RB#0-PASS



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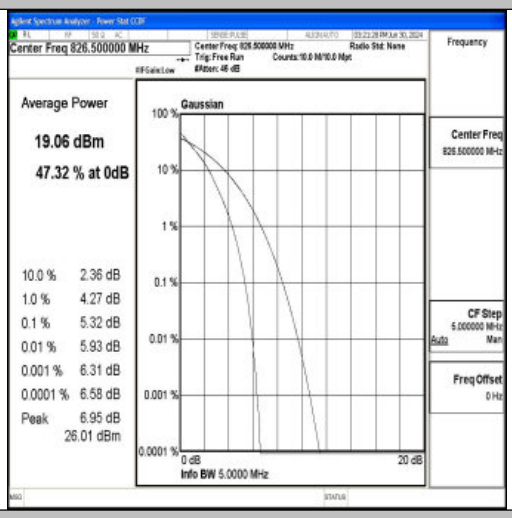

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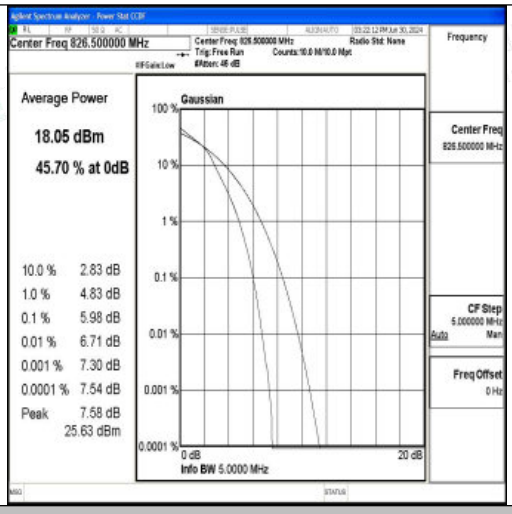
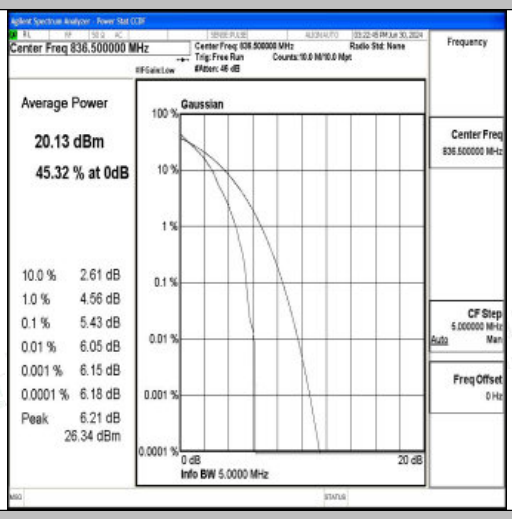
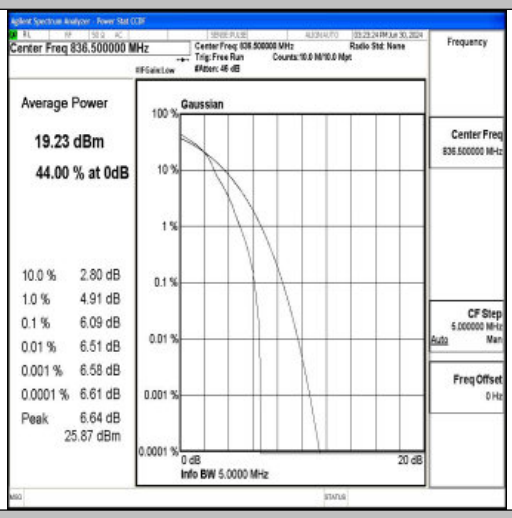


Band5-5MHz-16QAM-20425-25RB#0-PASS



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



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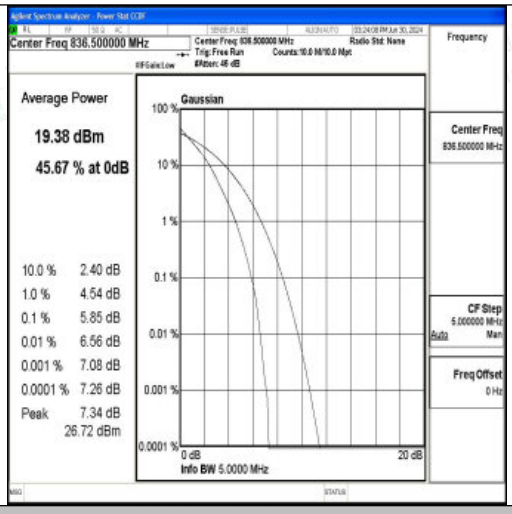

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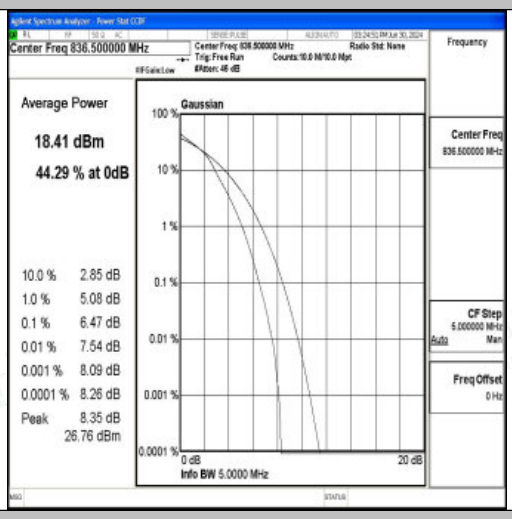

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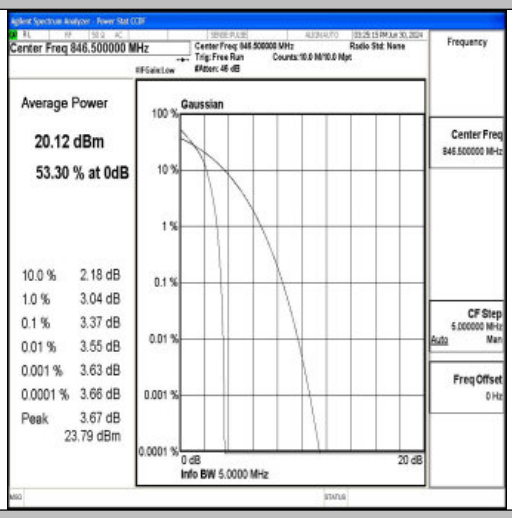

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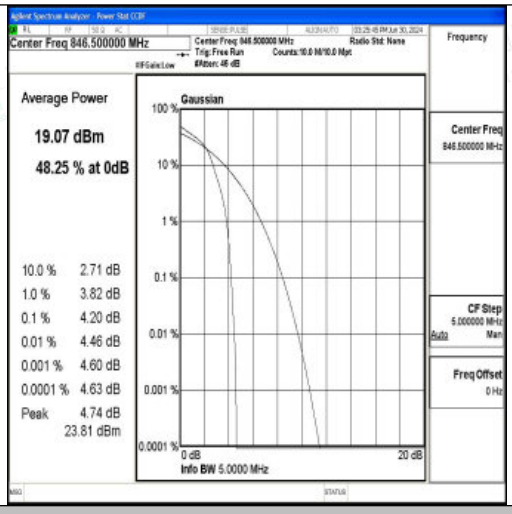

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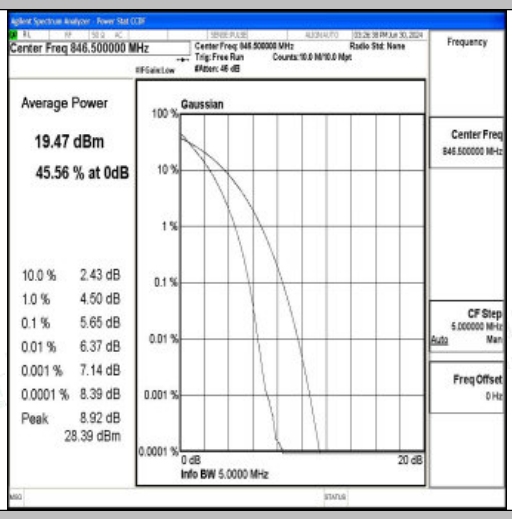

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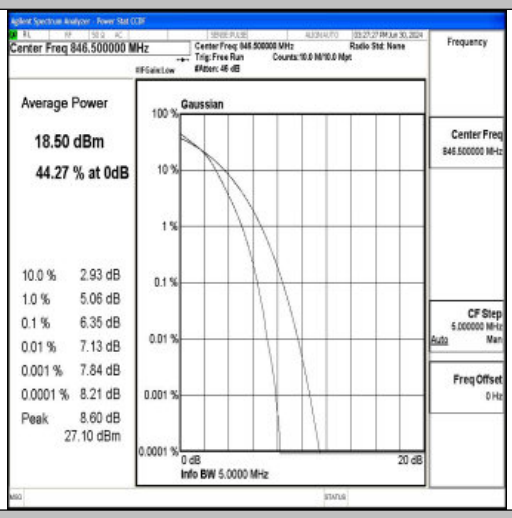

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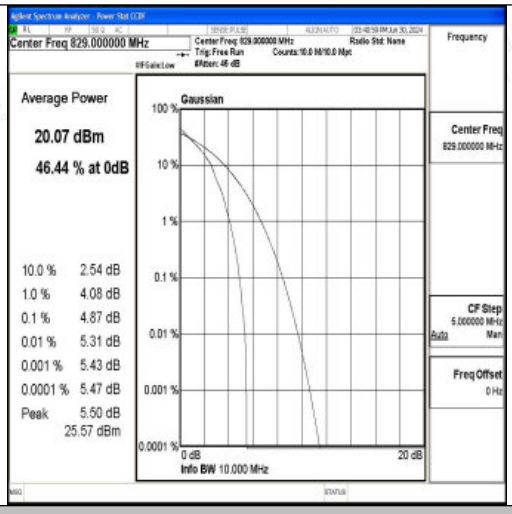
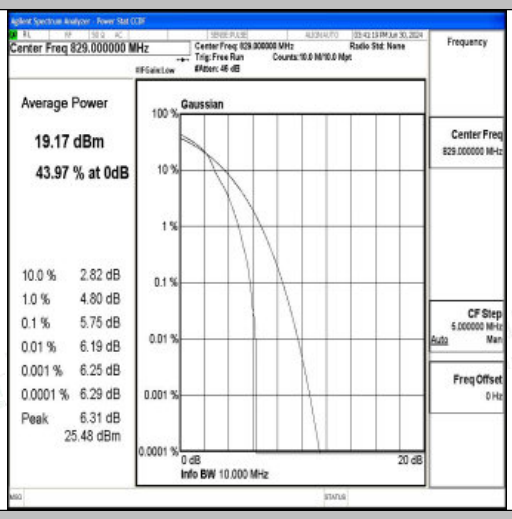


Band5-10MHz-QPSK-20450-1RB#0-PASS



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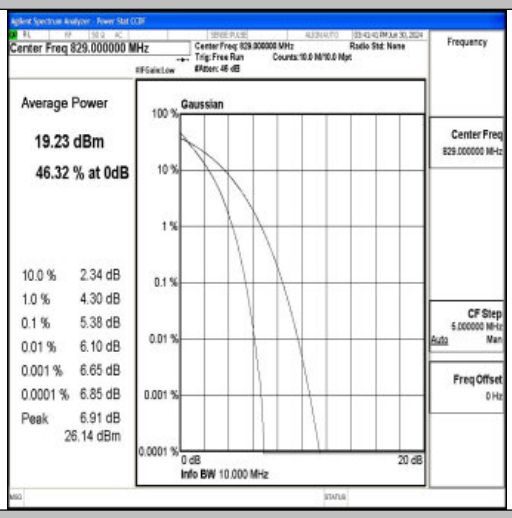
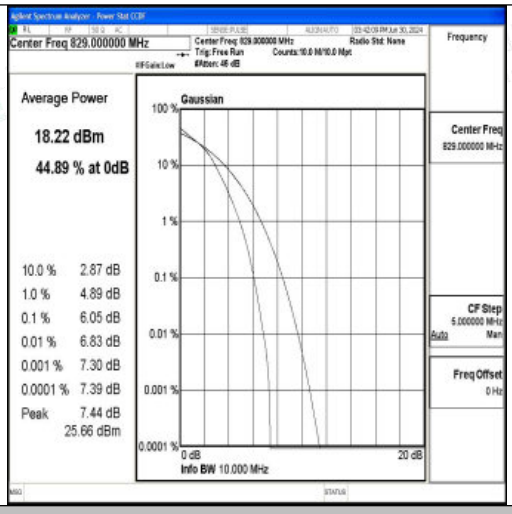


Band5-10MHz-QPSK-20450-50RB#0-PASS



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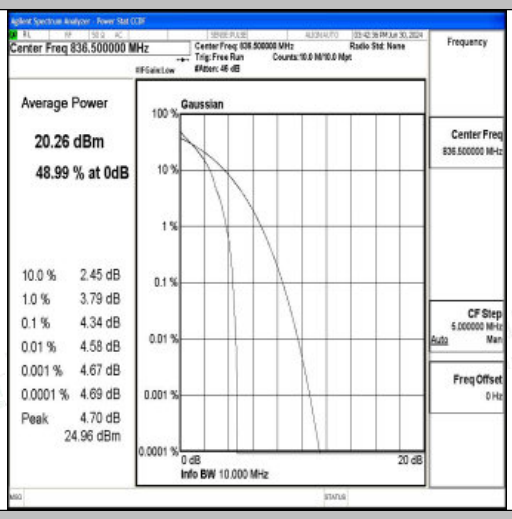

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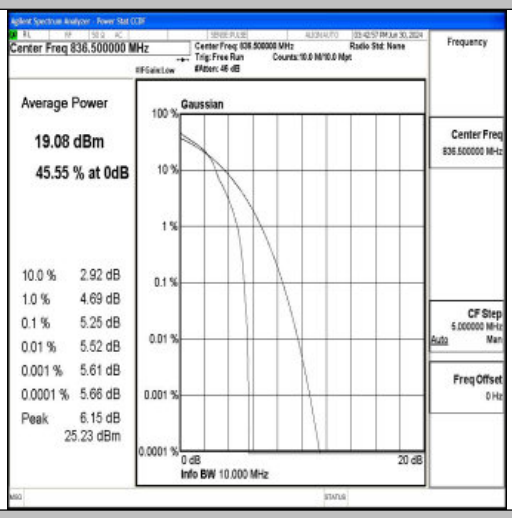

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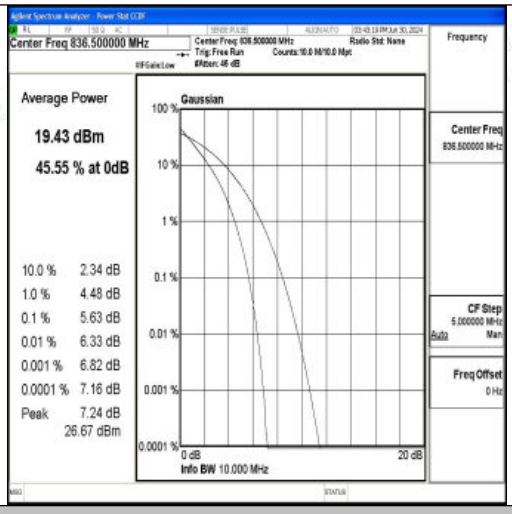

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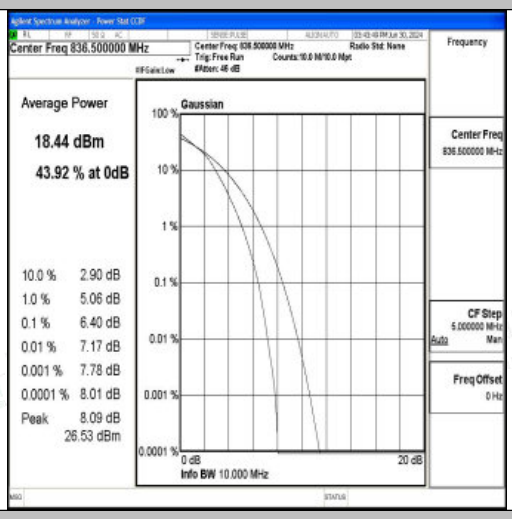
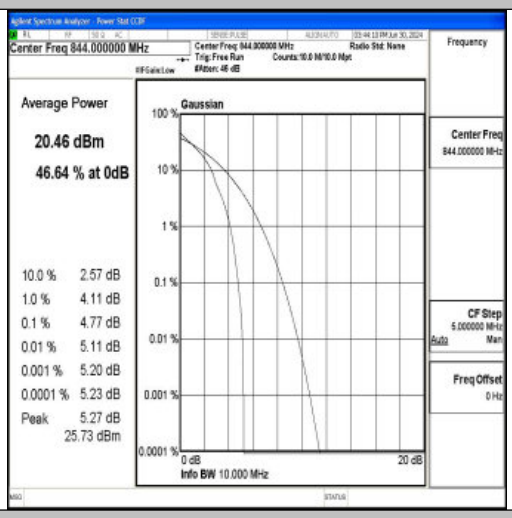
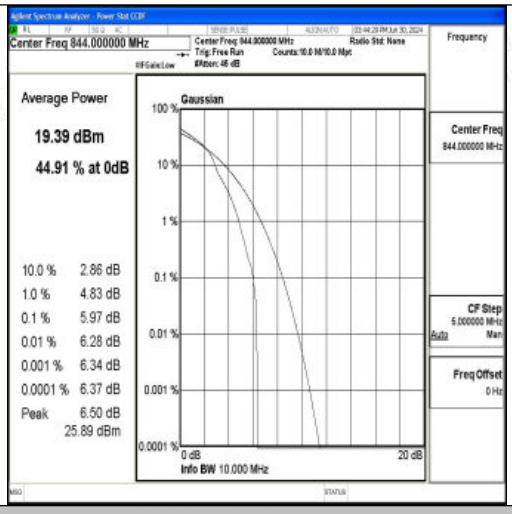


Band5-10MHz-16QAM-20525-50RB#0-PASS



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



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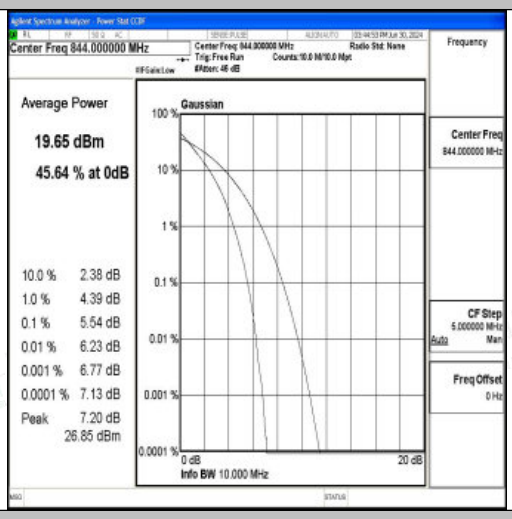

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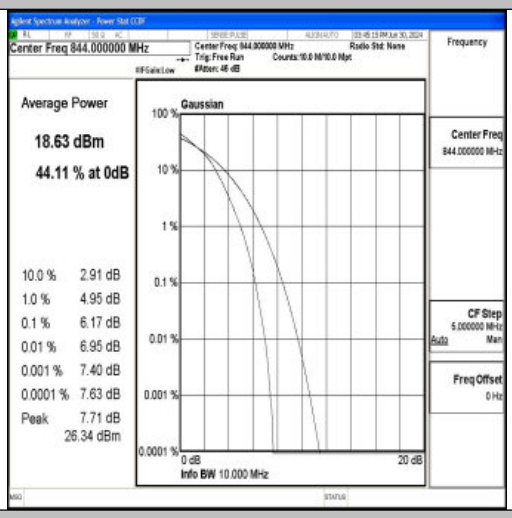


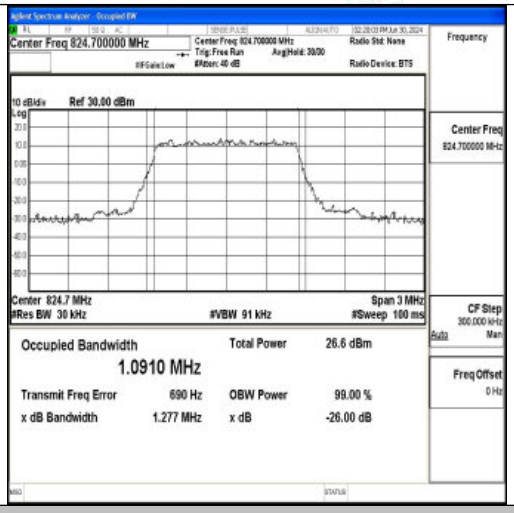
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.3 26dB Bandwidth and Occupied Bandwidth

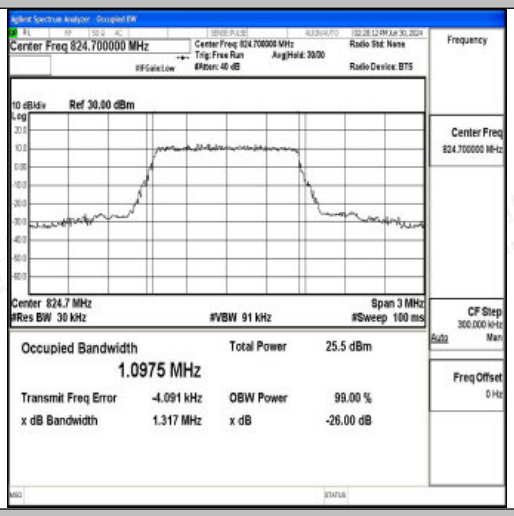
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0910	1.277	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0975	1.317	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0948	1.297	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0895	1.352	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0994	1.285	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0870	1.266	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6765	2.917	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6777	2.909	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6949	2.902	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6859	2.905	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6835	2.899	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6876	2.892	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4997	5.732	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4885	4.901	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4889	4.902	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4962	4.939	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5159	6.584	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5288	5.953	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0084	9.875	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0150	9.765	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9973	9.776	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9834	9.718	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0063	10.27	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0052	9.747	PASS

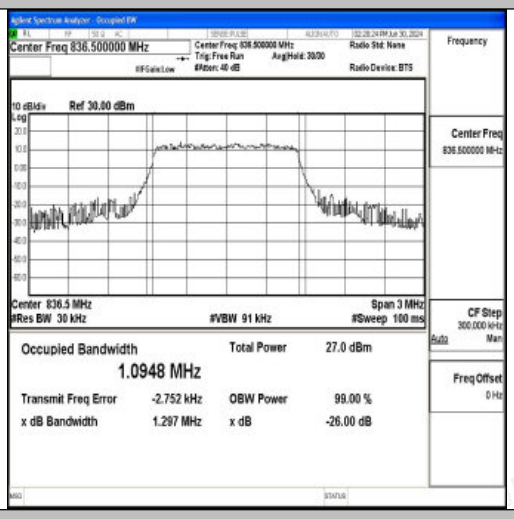
Test Graphs



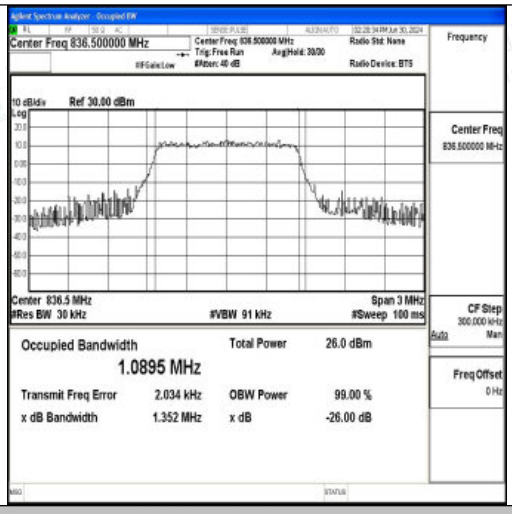
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



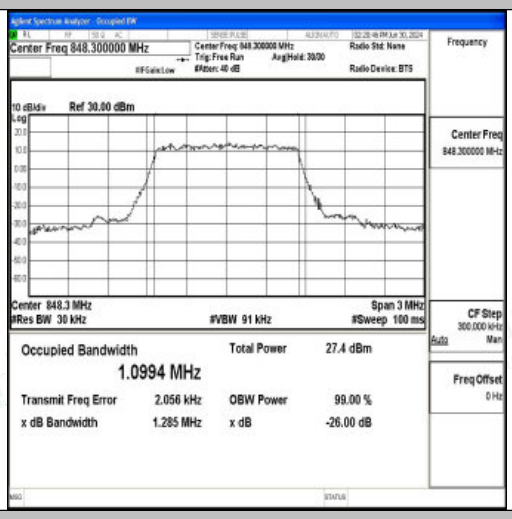
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



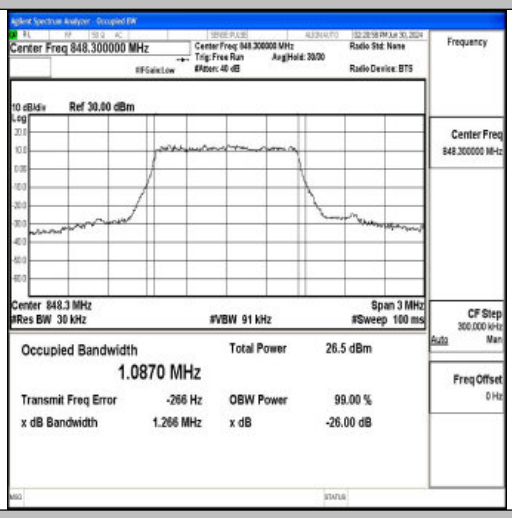
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



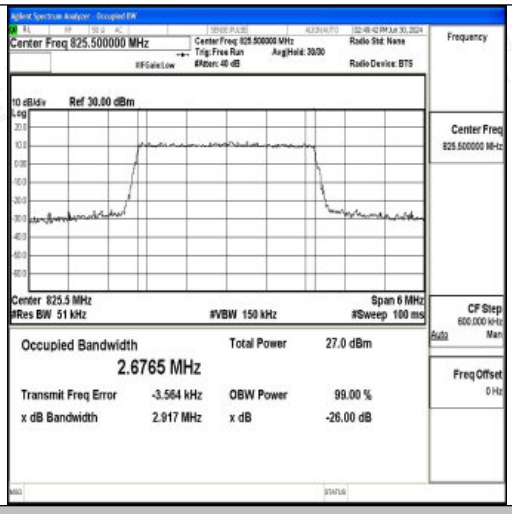
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



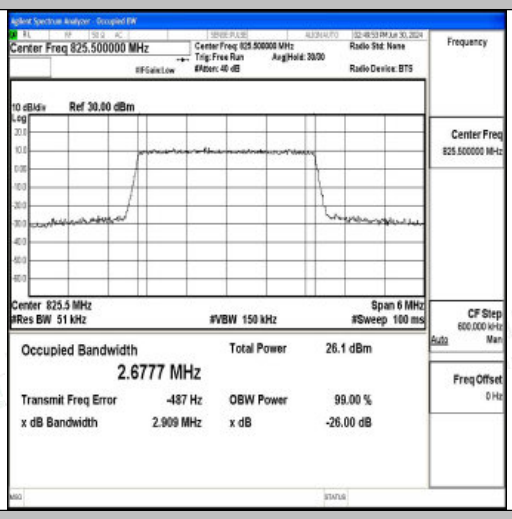
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



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



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



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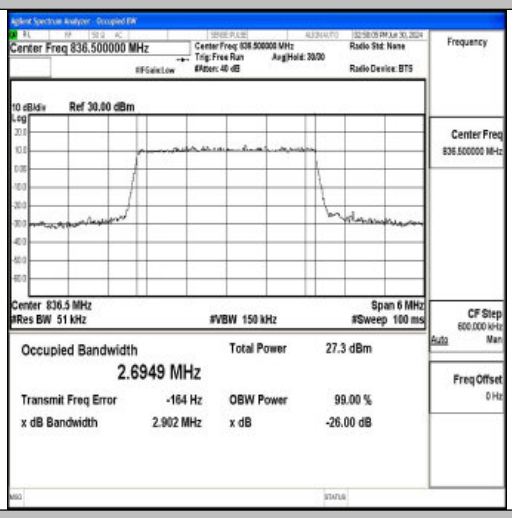

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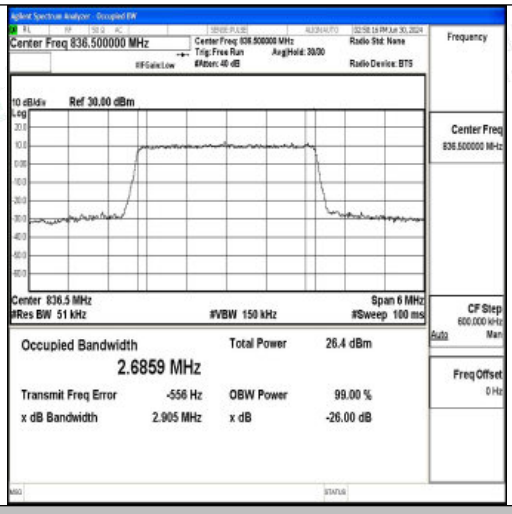
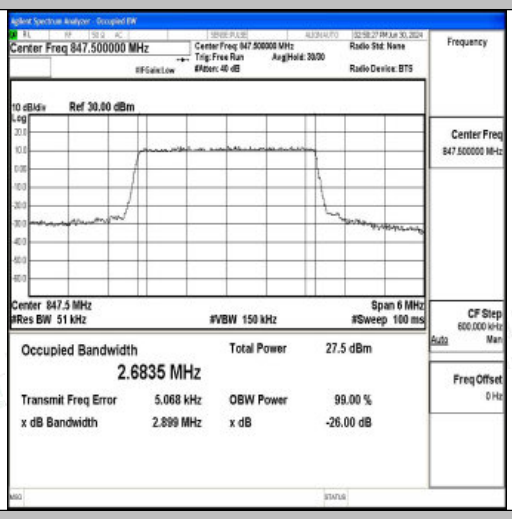
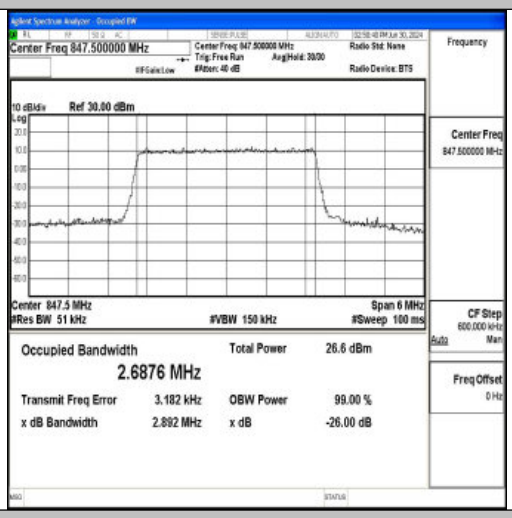


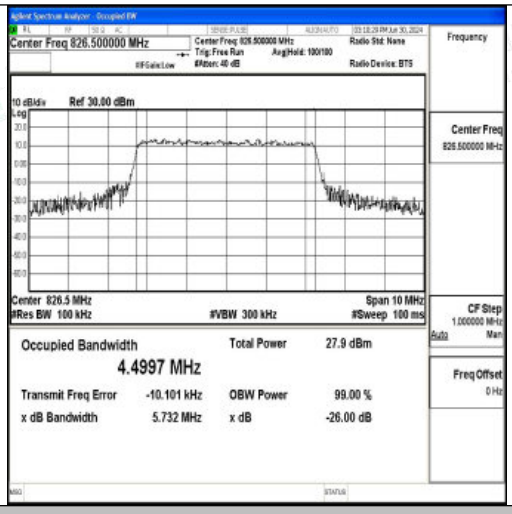
Band5-3MHz-16QAM-20525-15RB#0-PASS



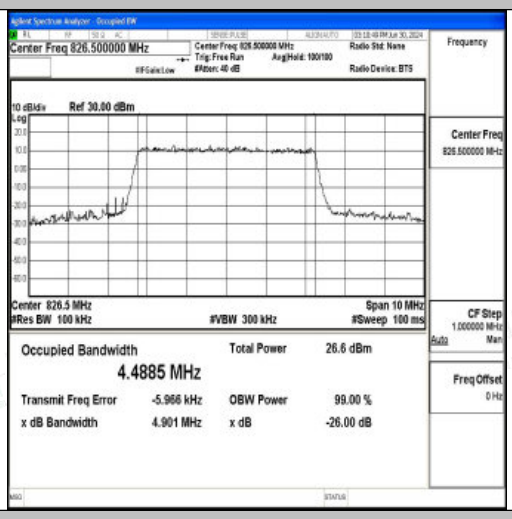
Band5-3MHz-QPSK-20635-15RB#0-PASS



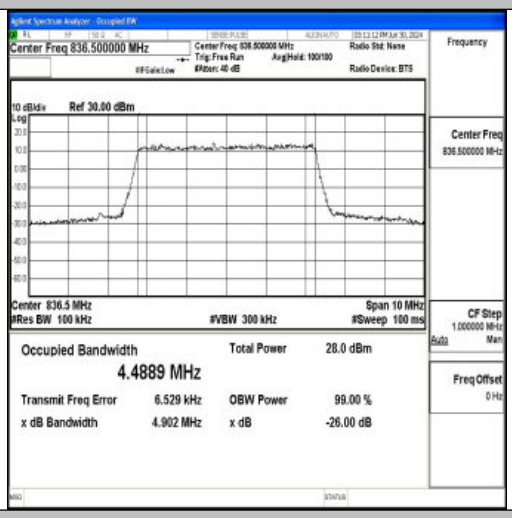
Band5-3MHz-16QAM-20635-15RB#0-PASS



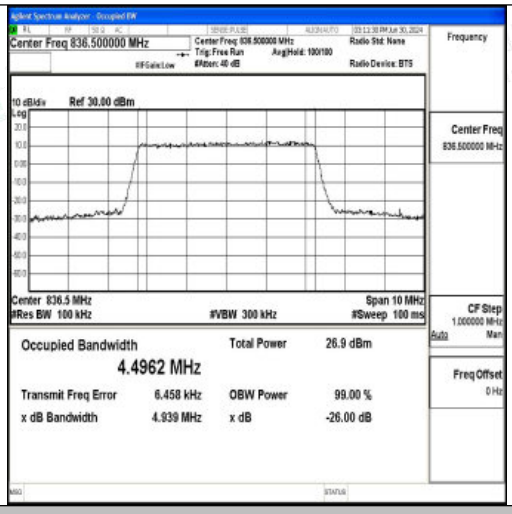
Band5-5MHz-QPSK-20425-25RB#0-PASS



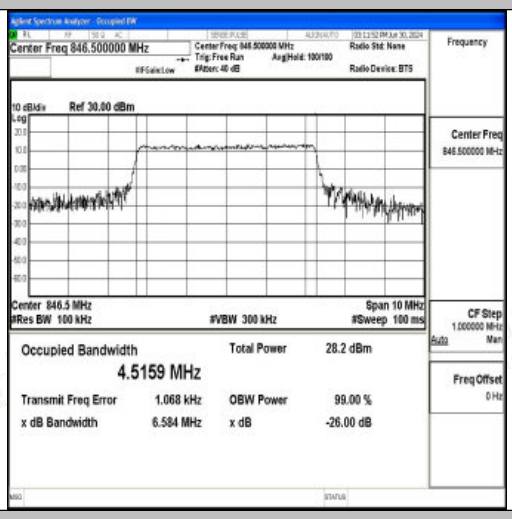
Band5-5MHz-16QAM-20425-25RB#0-PASS



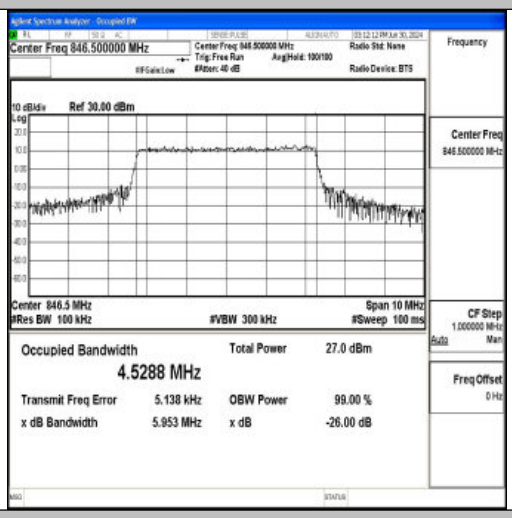
Band5-5MHz-QPSK-20525-25RB#0-PASS



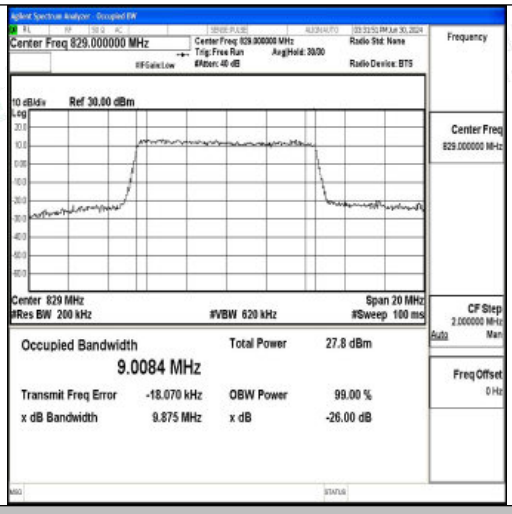
Band5-5MHz-16QAM-20525-25RB#0-PASS



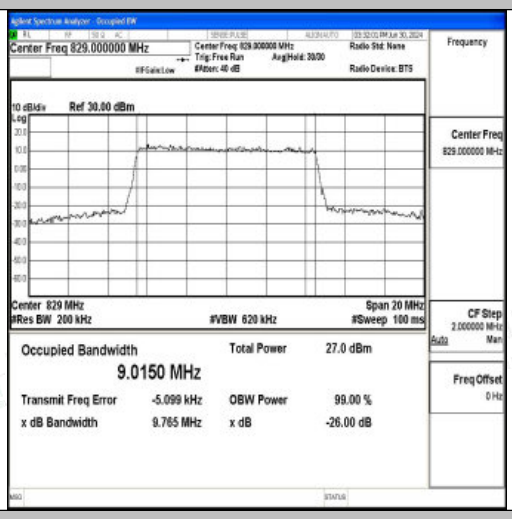
Band5-5MHz-QPSK-20625-25RB#0-PASS



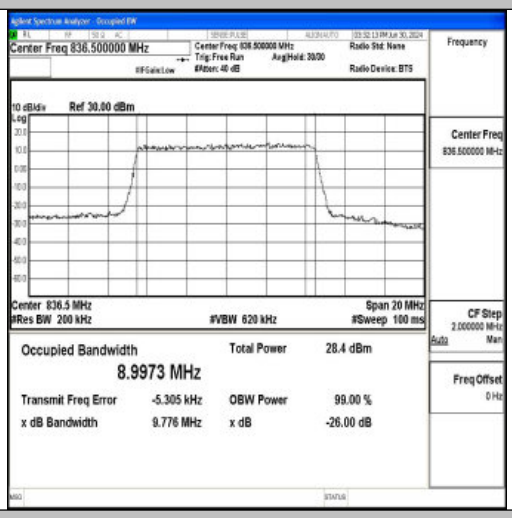
Band5-5MHz-16QAM-20625-25RB#0-PASS



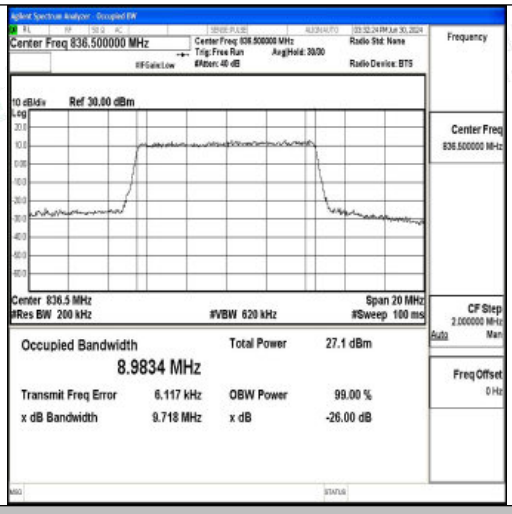
Band5-10MHz-QPSK-20450-50RB#0-PASS



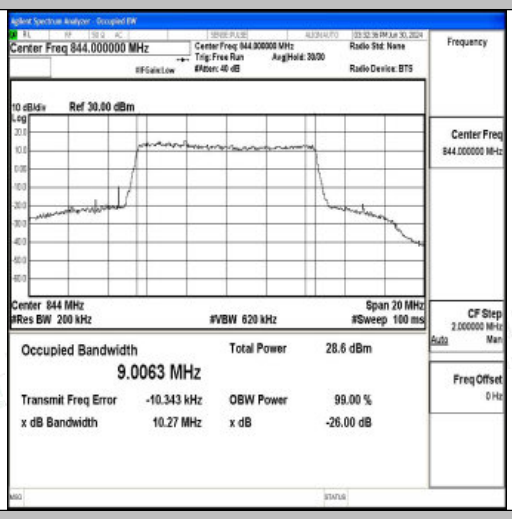
Band5-10MHz-16QAM-20450-50RB#0-PASS



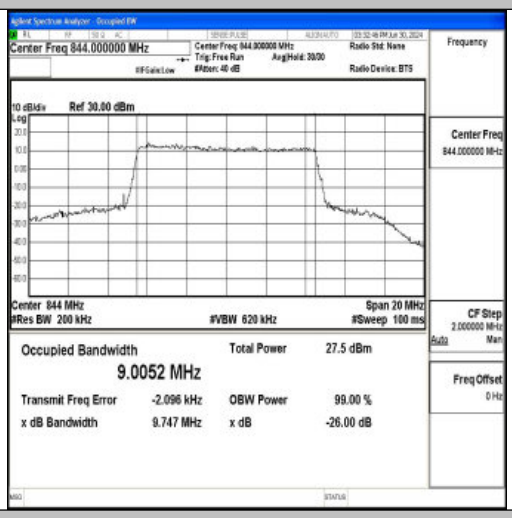
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



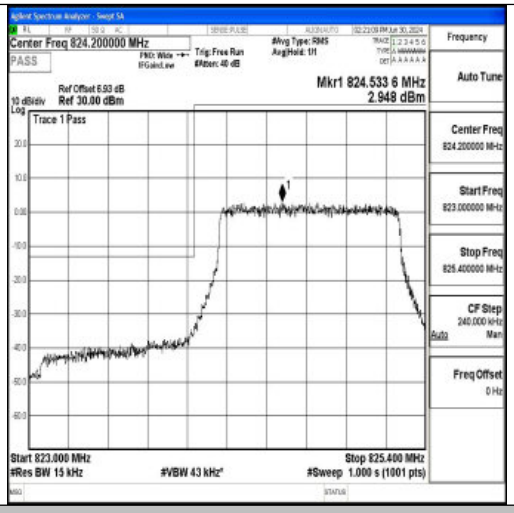
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.4 Band Edge

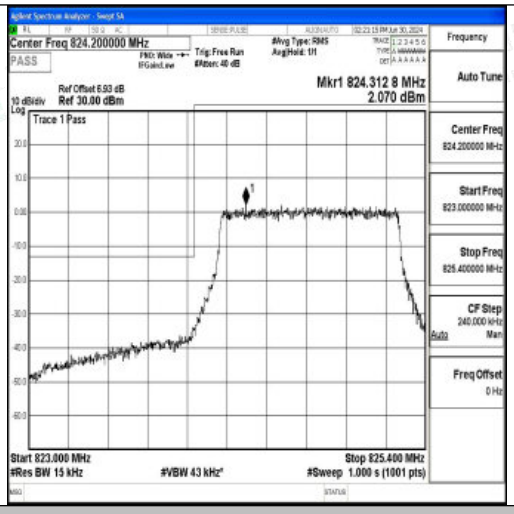
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.98	-34.44	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	824.00	-33.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.00	-34.35	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.01	-34.69	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-34.88	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-35.65	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-33.64	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-35.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-33.64	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-34.74	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.02	-33.32	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-34.40	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.98	-35.21	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.97	-35.80	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.01	-31.87	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.13	-33.78	PASS

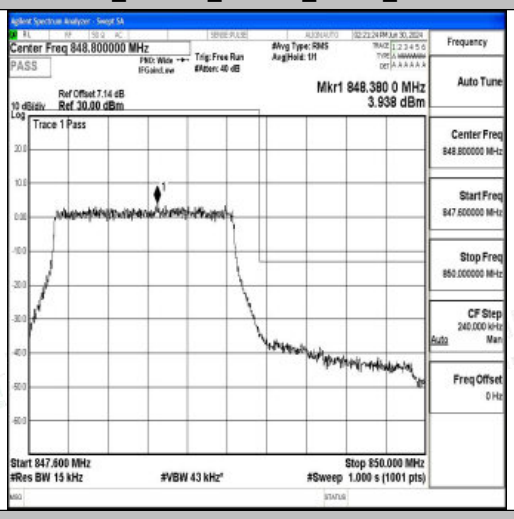
Test Graphs



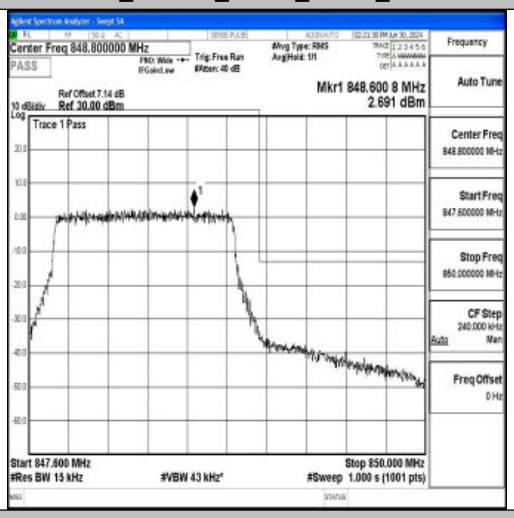
Band5_1.4MHz_QPSK_20407_6RB#0



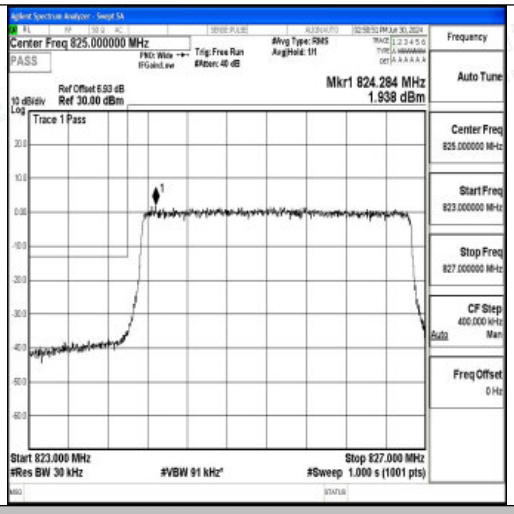
Band5_1.4MHz_16QAM_20407_6RB#0



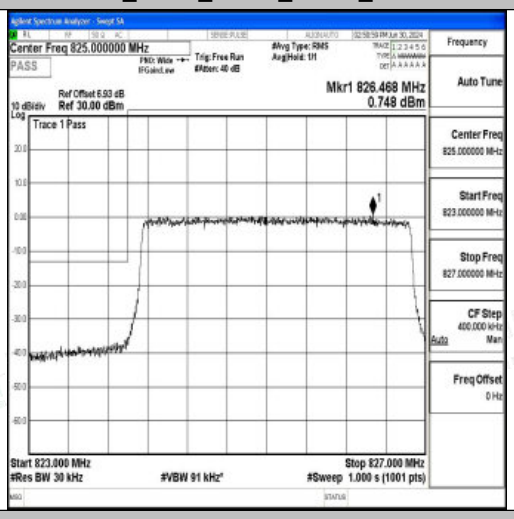
Band5_1.4MHz_QPSK_20643_6RB#0



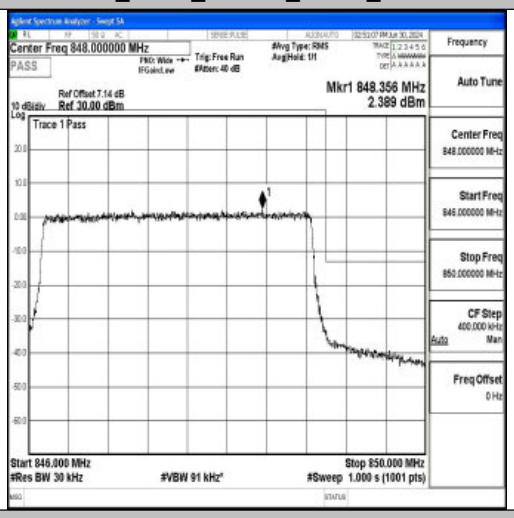
Band5_1.4MHz_16QAM_20643_6RB#0



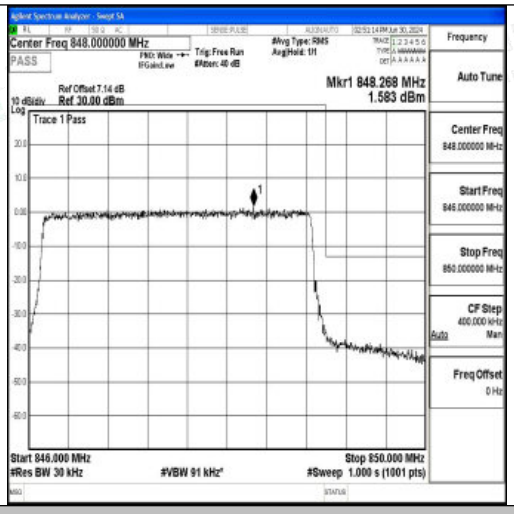
Band5_3MHz_QPSK_20415_15RB#0



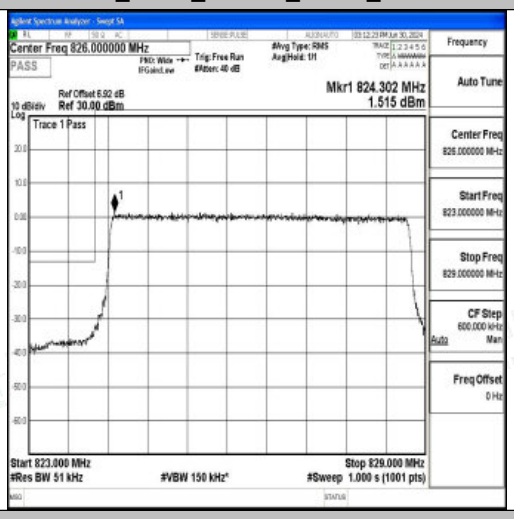
Band5_3MHz_16QAM_20415_15RB#0



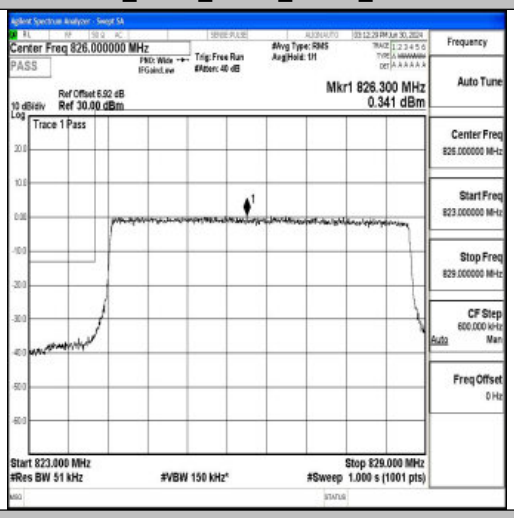
Band5_3MHz_QPSK_20635_15RB#0



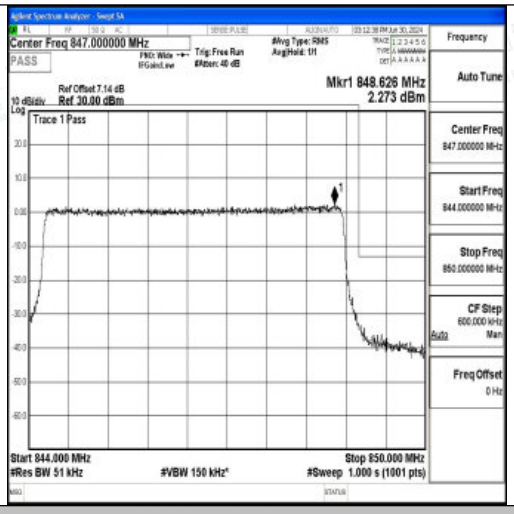
Band5_3MHz_16QAM_20635_15RB#0



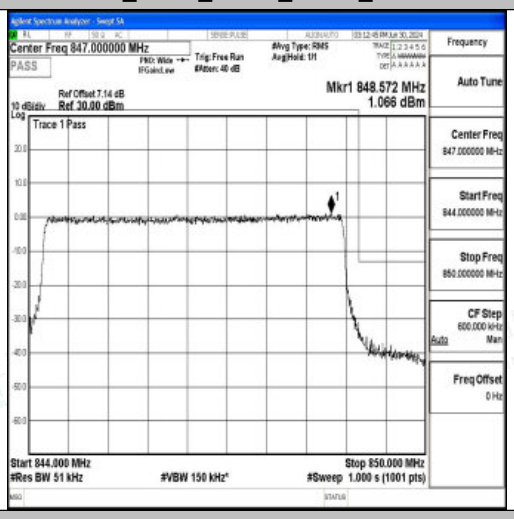
Band5_5MHz_QPSK_20425_25RB#0



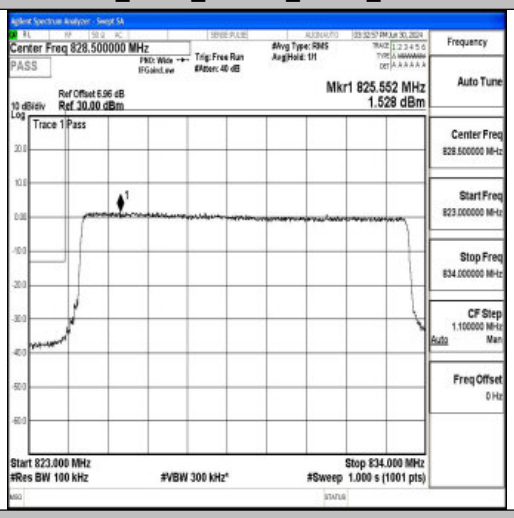
Band5_5MHz_16QAM_20425_25RB#0



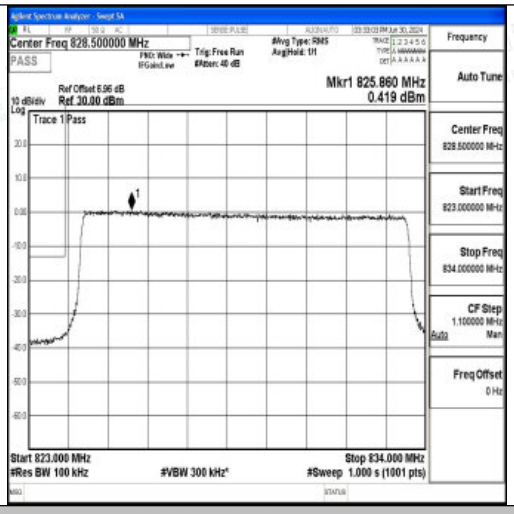
Band5_5MHz_QPSK_20625_25RB#0



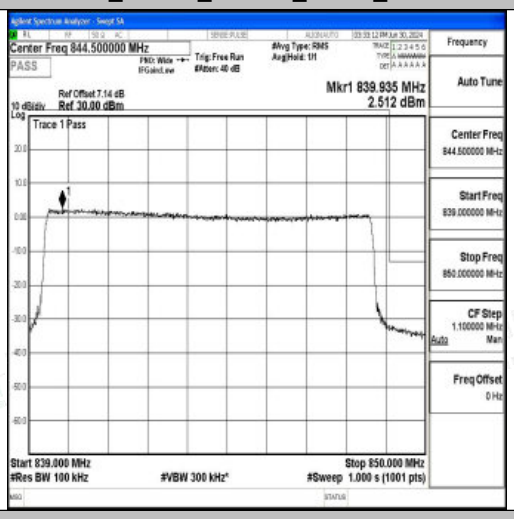
Band5_5MHz_16QAM_20625_25RB#0



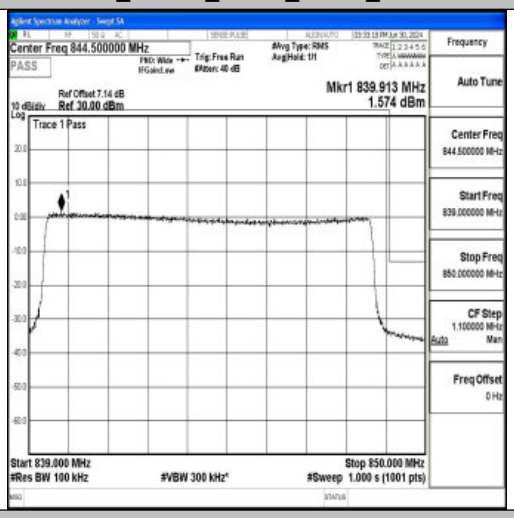
Band5_10MHz_QPSK_20450_50RB#0



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

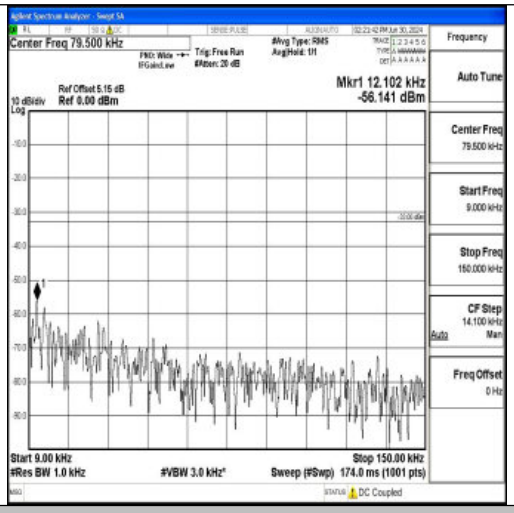
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.14	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.14	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-53.36	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-46.73	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.38	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.34	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-53.14	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-53.79	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-47.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.33	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-59.04	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-50.03	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-53.62	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-46.86	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-43.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-55.86	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-53.36	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-45.90	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-56.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-54.20	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-44.84	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-47.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-43.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-57.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-52.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-41.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-47.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-43.76	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-59.93	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-52.97	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-61.15	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-47.02	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.76	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-58.21	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-50.72	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-61.30	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-47.84	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-43.88	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-60.16	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-52.27	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-60.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-46.43	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.13	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-59.10	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.57	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-60.48	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-46.76	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.33	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-58.11	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-52.88	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-58.62	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-47.56	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-43.72	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-57.70	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-51.29	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-58.48	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-47.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.20	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-57.21	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-49.74	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.81	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-47.10	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.18	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-55.41	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-51.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-61.91	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-47.20	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.07	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-59.11	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-53.56	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-45.74	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-47.11	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-55.55	PASS

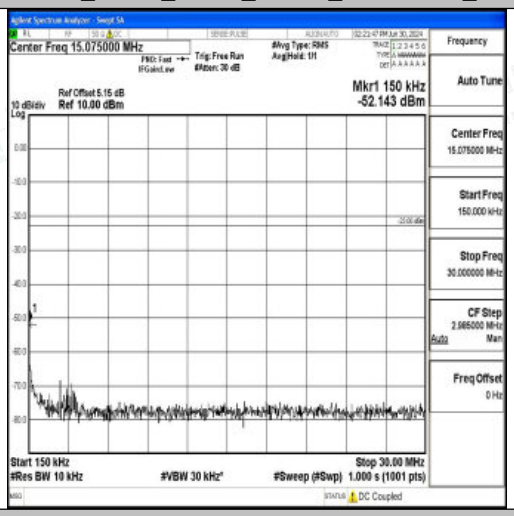
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.11	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-48.24	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-47.52	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.05	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-58.34	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-51.40	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-61.93	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-47.67	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.03	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-58.27	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.05	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-61.93	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-47.66	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-43.67	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-54.34	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-51.84	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.10	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-47.69	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.22	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-56.37	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.36	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-61.97	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-46.79	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.79	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-56.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.42	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-61.51	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-47.42	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.20	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-56.38	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-54.54	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.16	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-47.33	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.93	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-56.02	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.73	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-47.59	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.14	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.61	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-51.10	PASS

Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.93	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-47.57	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.07	PASS

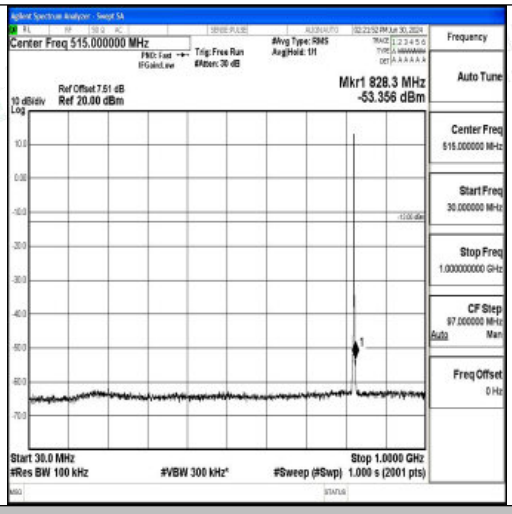
Test Graphs



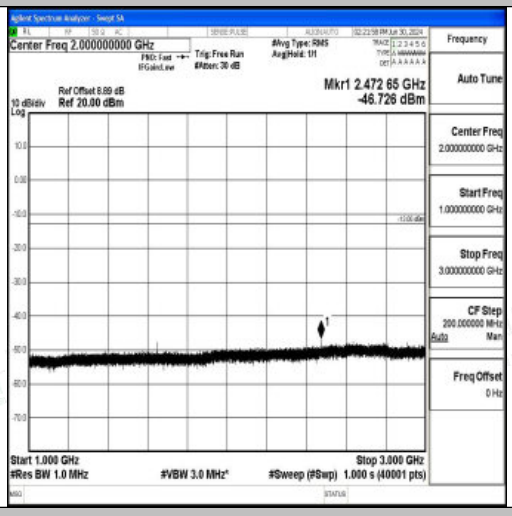
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



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



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



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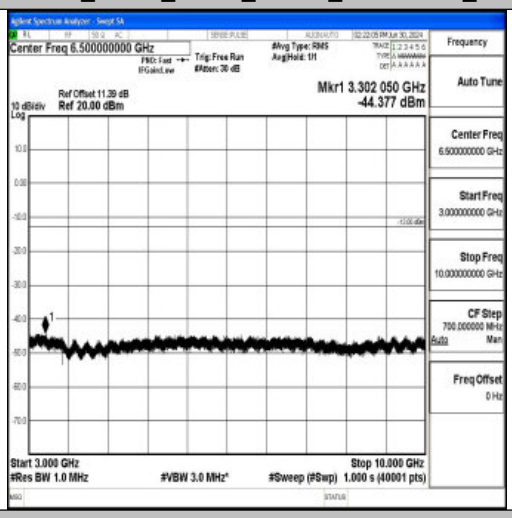

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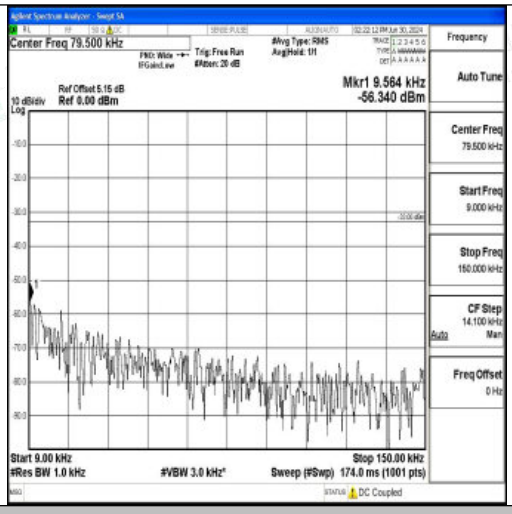

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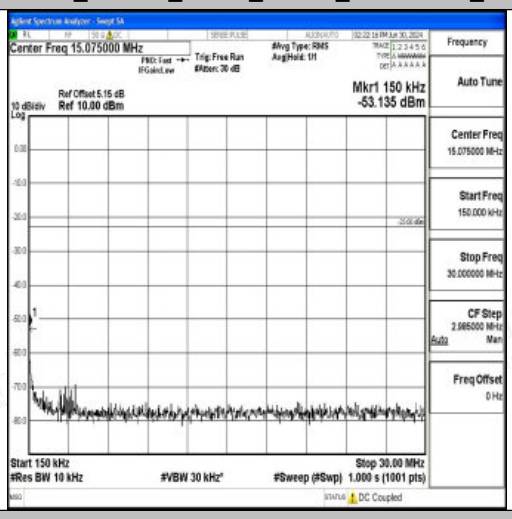
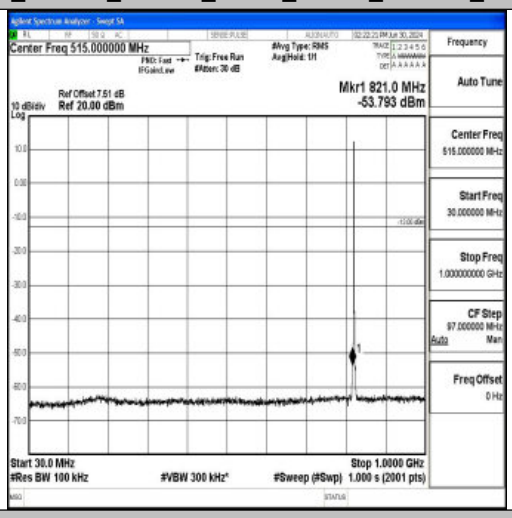


Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



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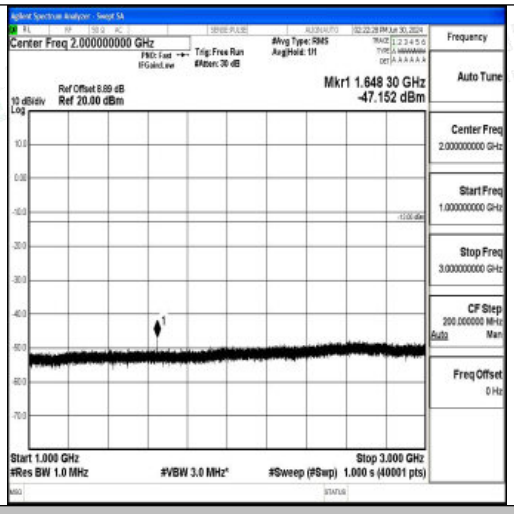
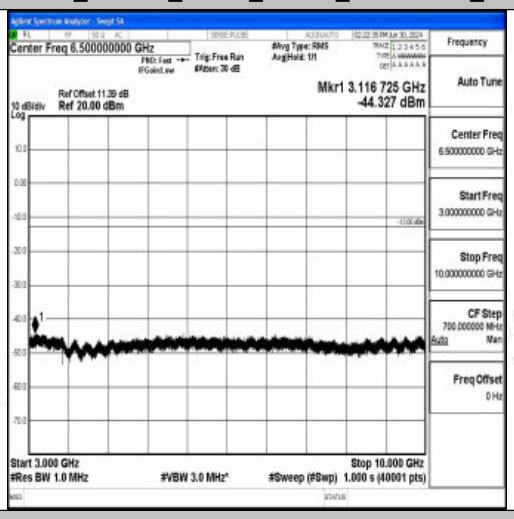


Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



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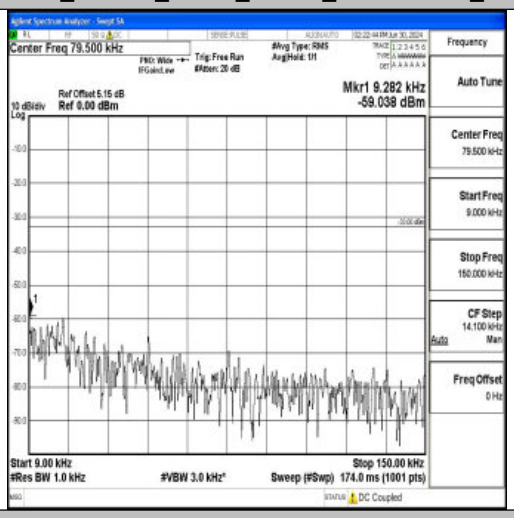

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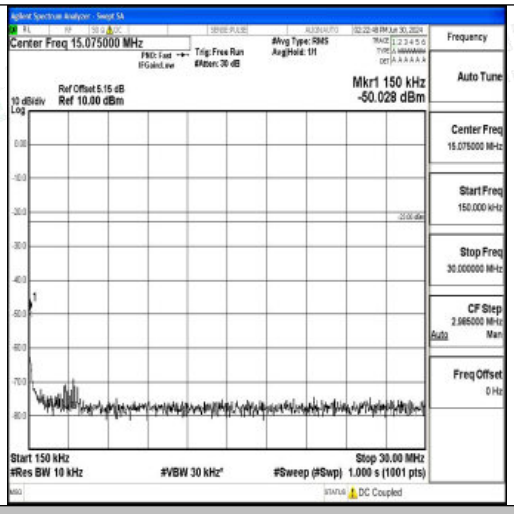

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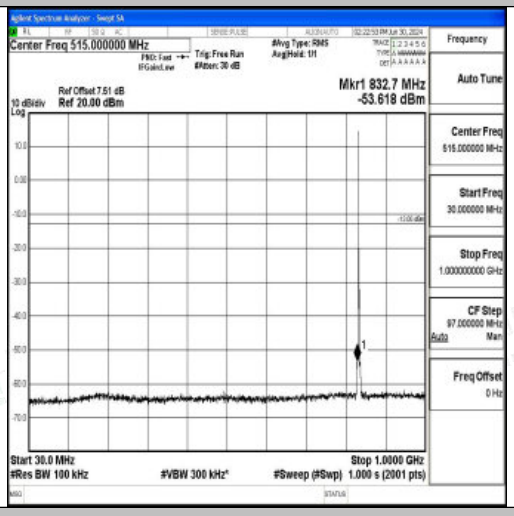
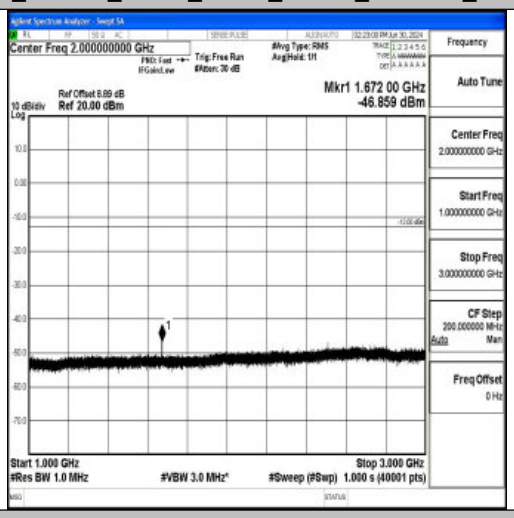
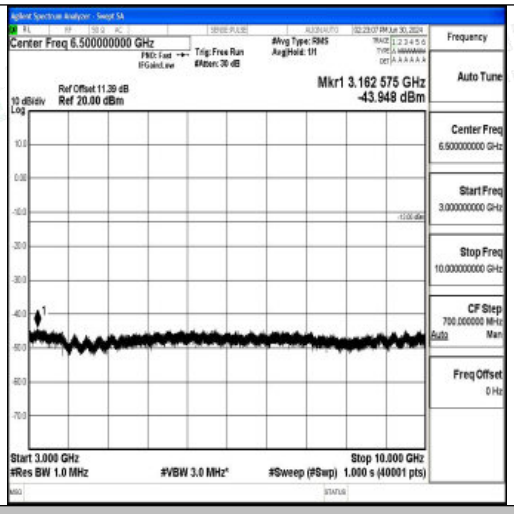


Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



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



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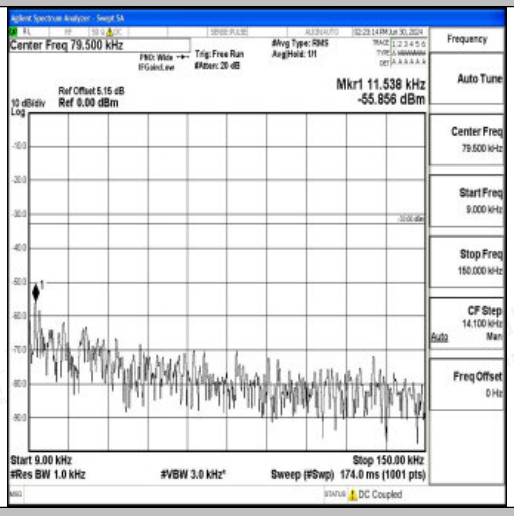

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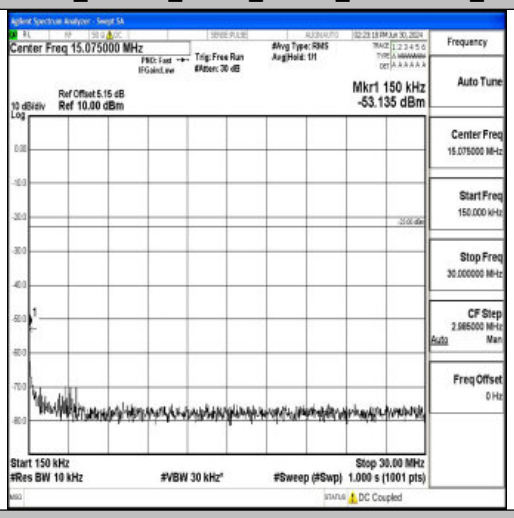

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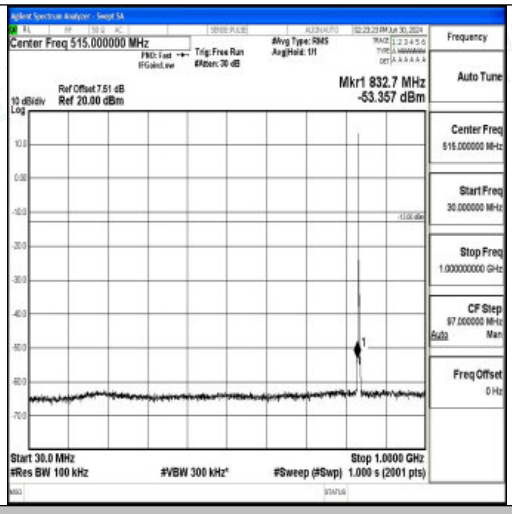

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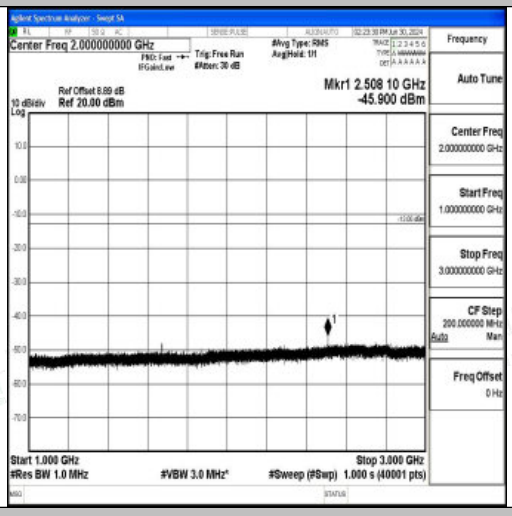
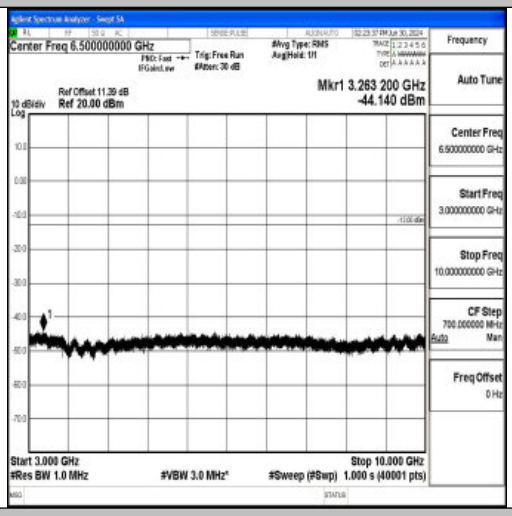


Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



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