Appendix F: Test Data for E-UTRA Band 5

Product Name: Smart phone

Test Model: JK68

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng

F.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.22	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.06	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.07	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.24	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.07	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.24	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.06	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.06	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.20	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.06	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.17	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.97	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.19	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.98	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.21	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.00	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.18	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.94	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.17	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.03	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.21	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.96	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.21	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.01	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.99	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.99	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.97	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.05	PASS

Band5	1.4MHz	16QAM	20643	3RB#0	22.91	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.05	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.92	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.01	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.92	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.11	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.15	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.21	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.19	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.20	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.19	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.24	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.14	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.25	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.28	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.24	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.28	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.20	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.22	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.22	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.22	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.09	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.26	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.11	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.26	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.09	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.24	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.25	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.26	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.23	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.22	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.25	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.26	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.18	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.07	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.89	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.04	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.91	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.03	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.88	PASS

Band5	3MHz	QPSK	20635	8RB#0	23.21	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.18	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.21	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.22	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.16	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.14	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.17	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.08	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.24	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.17	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.18	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.19	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.22	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.17	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.30	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.19	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.28	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.16	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.25	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.21	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.17	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.10	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.25	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.14	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.25	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.11	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.23	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.24	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.21	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.26	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.18	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.21	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.27	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.29	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.36	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.17	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.25	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.07	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.23	PASS

Band5	5MHz	16QAM	20625	1RB#24	23.08	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.14	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.15	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.14	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.17	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.07	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.08	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.15	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.15	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.21	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.26	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.12	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.15	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.20	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.21	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.20	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.19	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.20	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.17	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.25	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.23	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.19	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.20	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.23	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.09	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.19	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.05	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.21	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.05	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.21	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.21	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.21	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.21	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.23	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.25	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.24	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.24	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.20	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.01	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.02	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.83	PASS

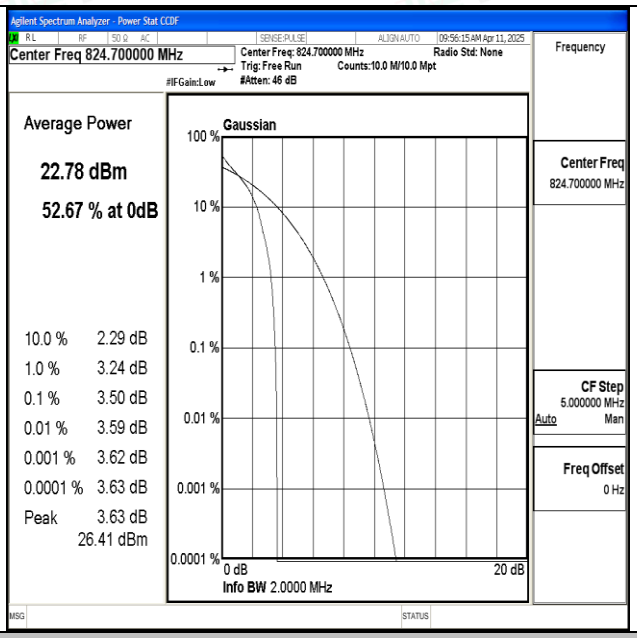
Band5	10MHz	QPSK	20600	1RB#49	24.04	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.85	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.18	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.21	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.19	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.21	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.12	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.12	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.15	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.18	PASS

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

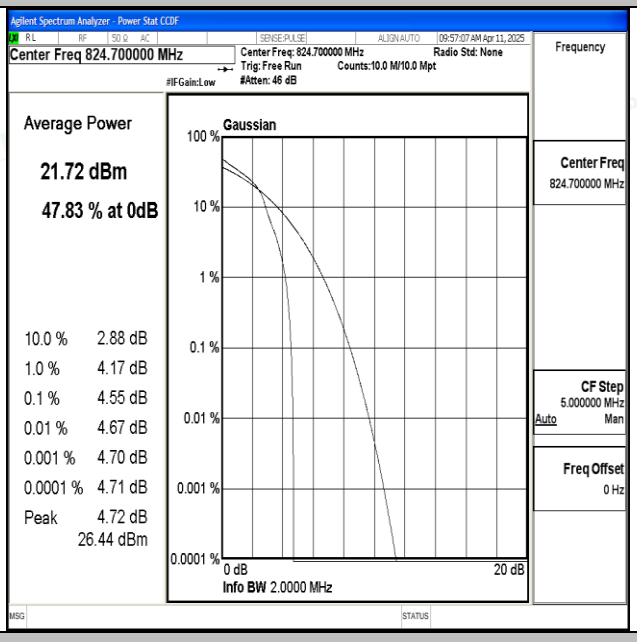
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	3.50	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.55	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.56	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.37	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.18	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.29	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.07	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.88	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.66	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.72	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.63	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.45	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	3.59	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	4.51	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.65	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.45	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	3.44	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	4.33	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.02	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.72	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.25	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.07	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.34	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.02	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.50	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.37	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.16	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.86	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	3.39	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	4.47	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.13	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.88	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	3.90	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.81	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.22	13	PASS

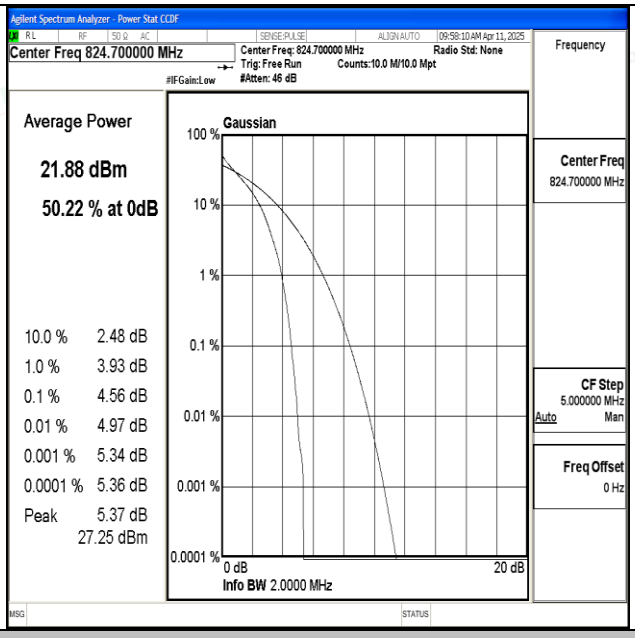
Test Graphs



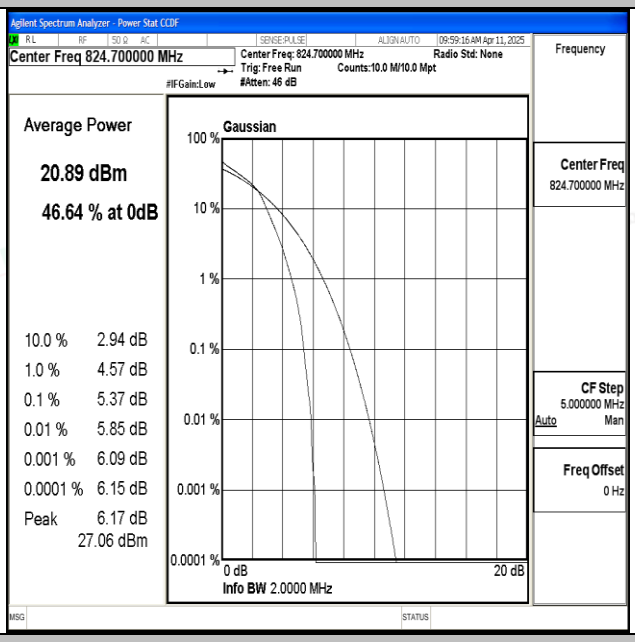
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



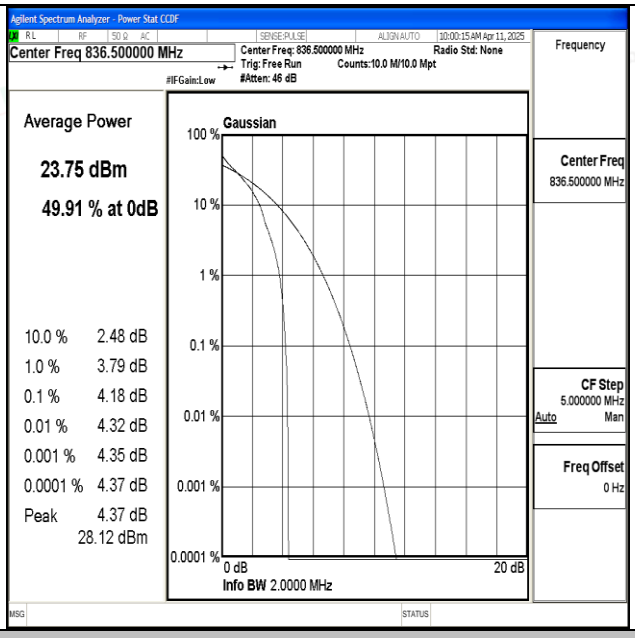
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



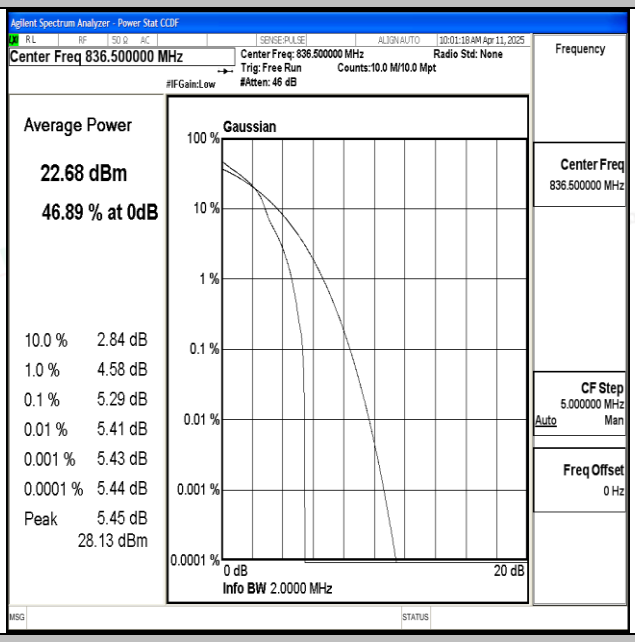
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



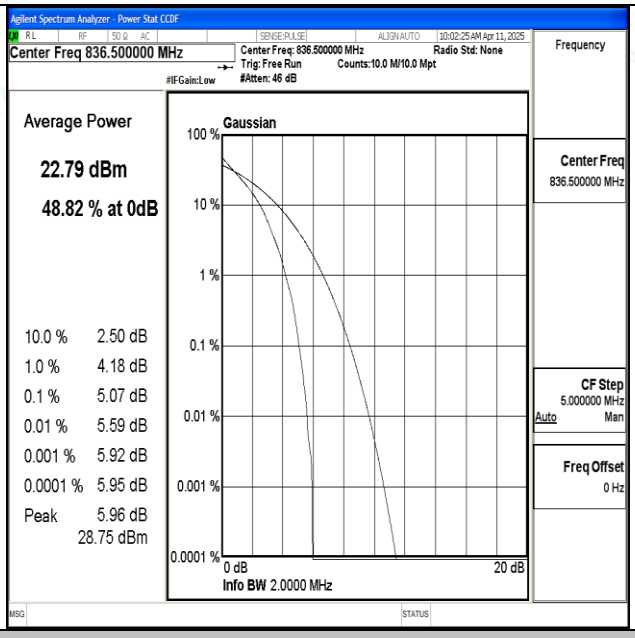
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



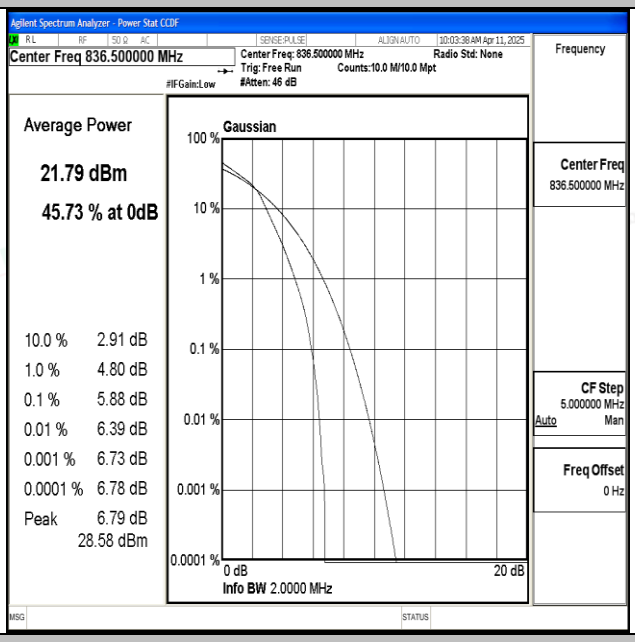
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



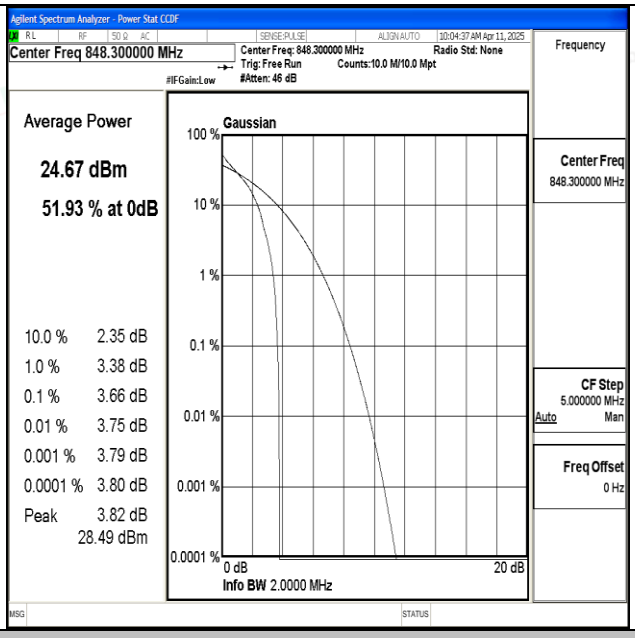
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



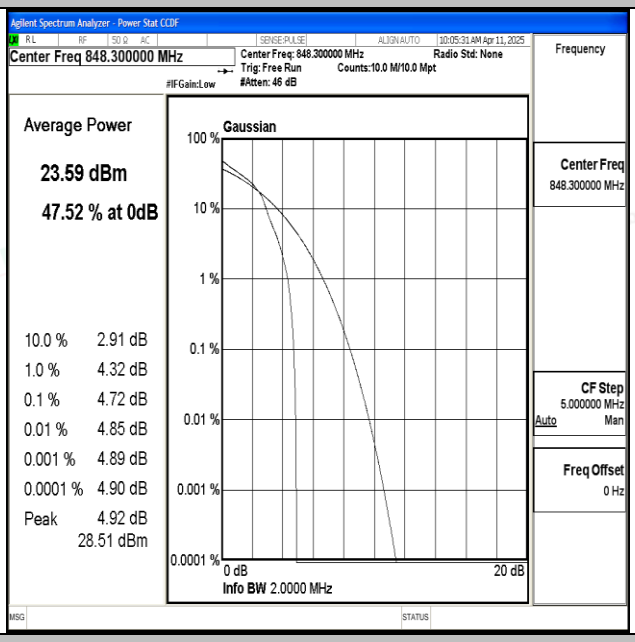
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



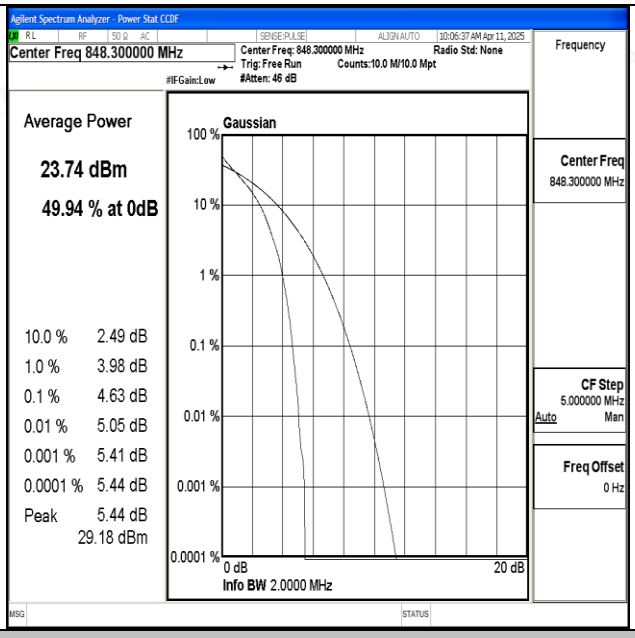
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



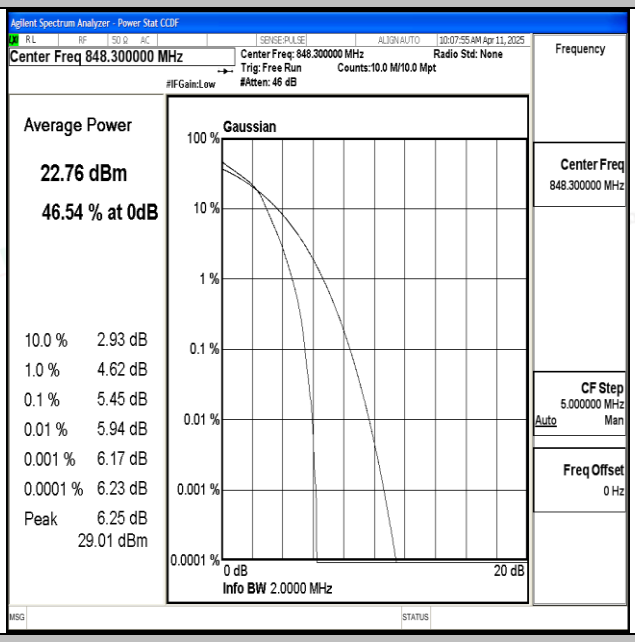
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



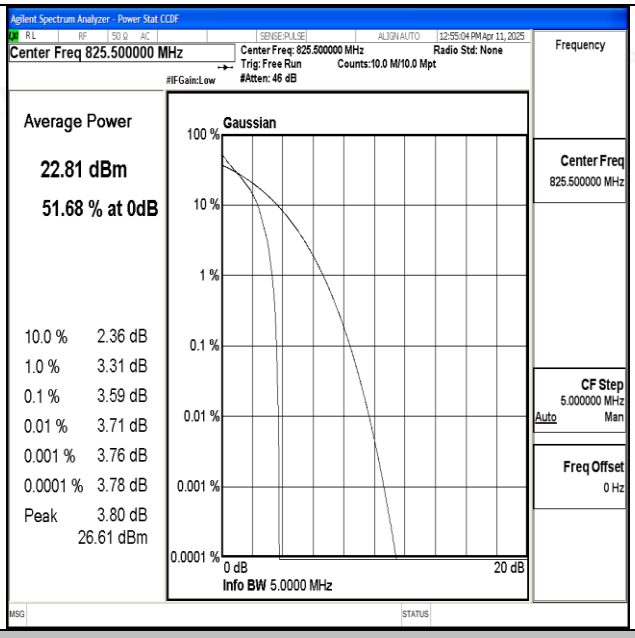
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



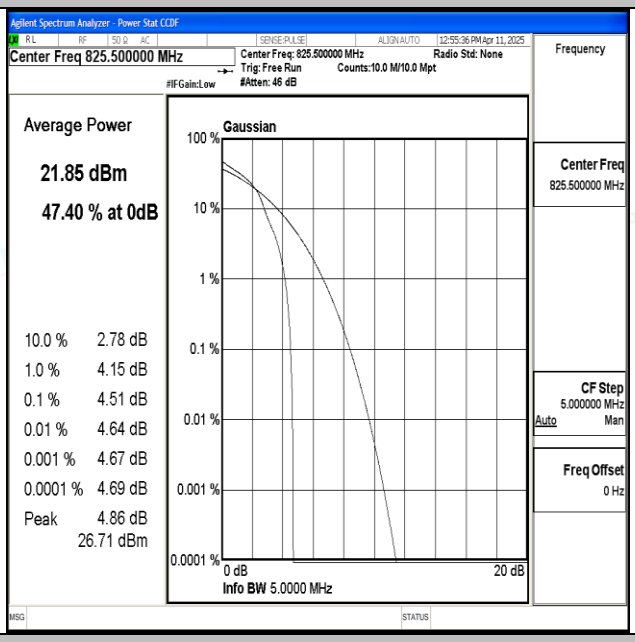
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



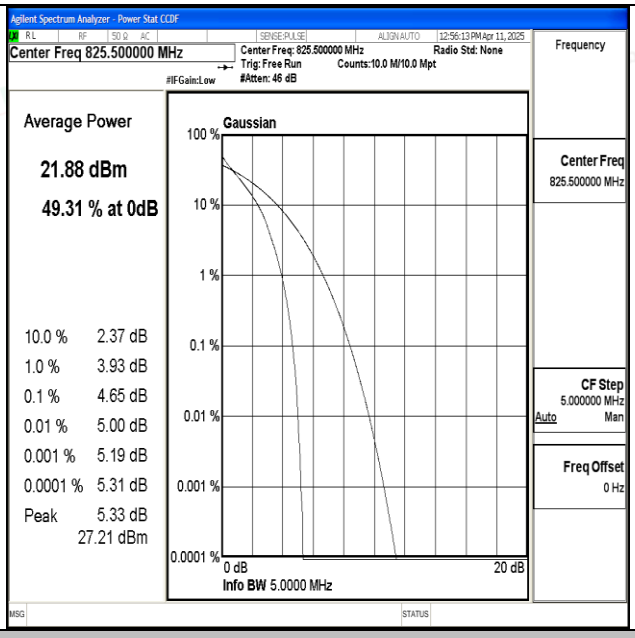
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



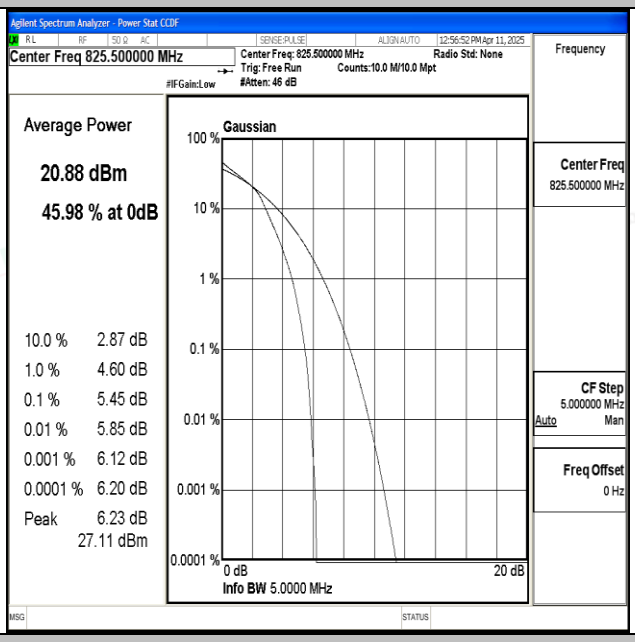
Band5-3MHz-QPSK-20415-1RB#0-PASS



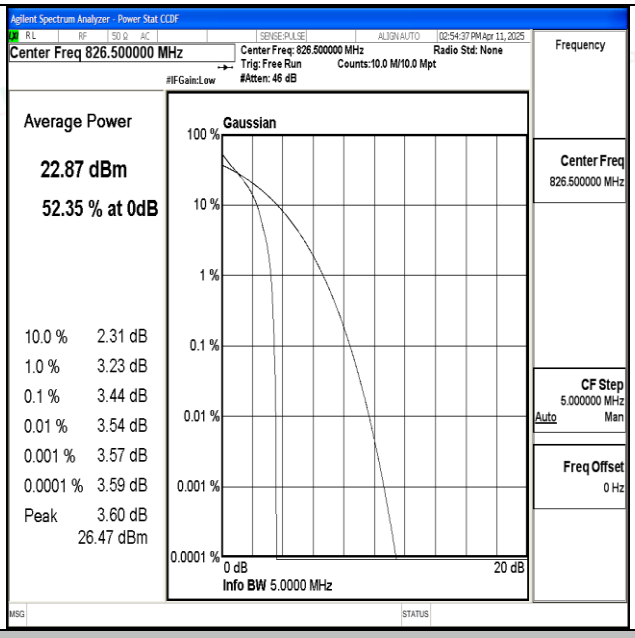
Band5-3MHz-16QAM-20415-1RB#0-PASS



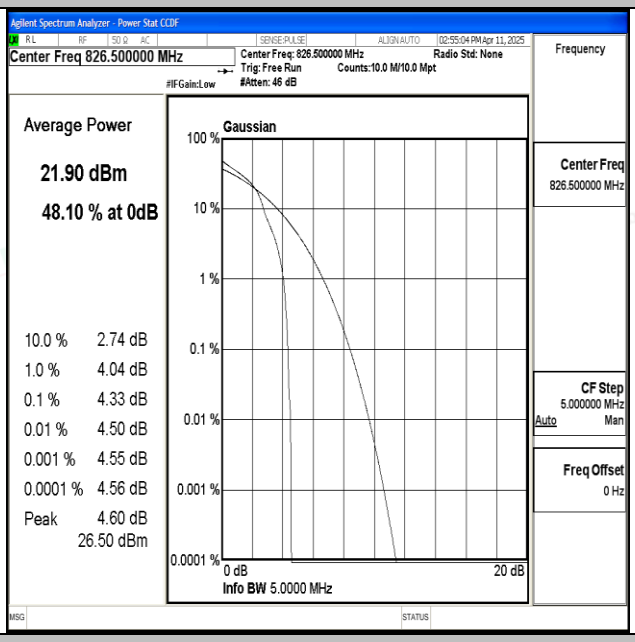
Band5-3MHz-QPSK-20415-15RB#0-PASS



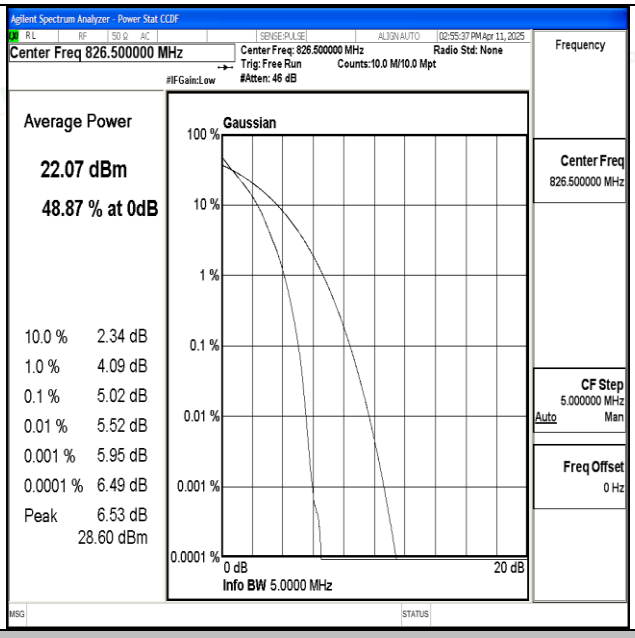
Band5-3MHz-16QAM-20415-15RB#0-PASS



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



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



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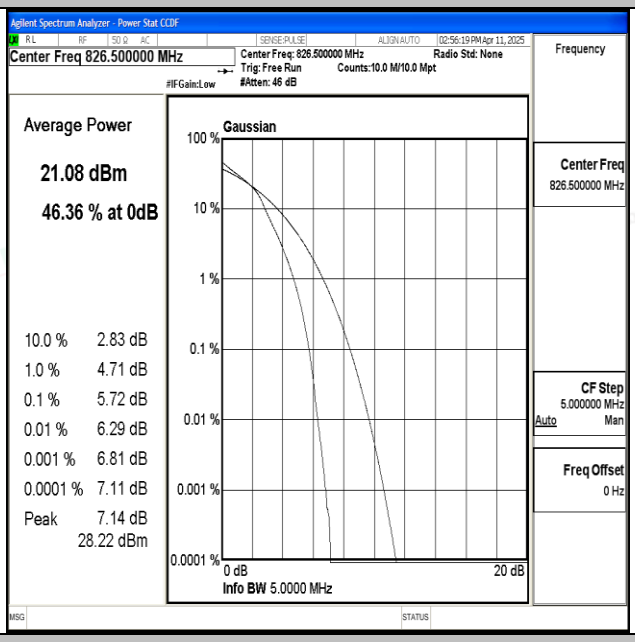

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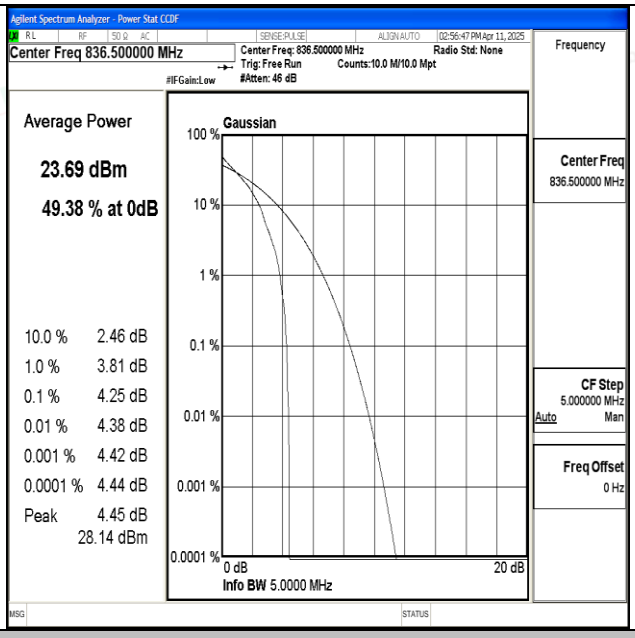
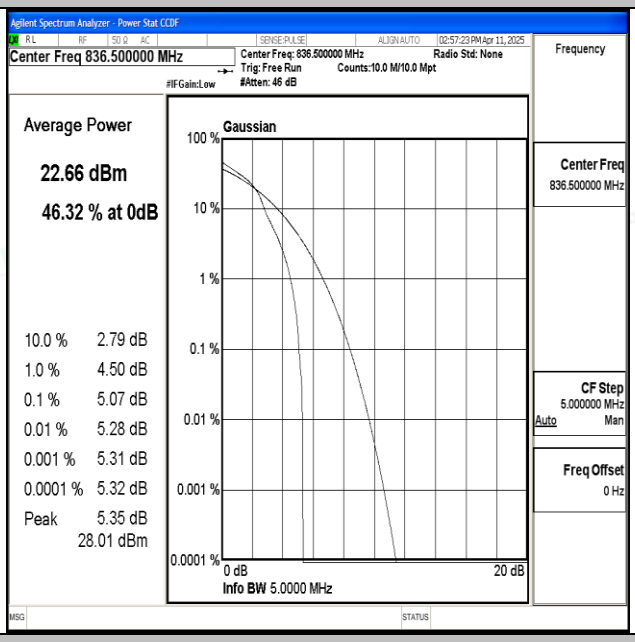
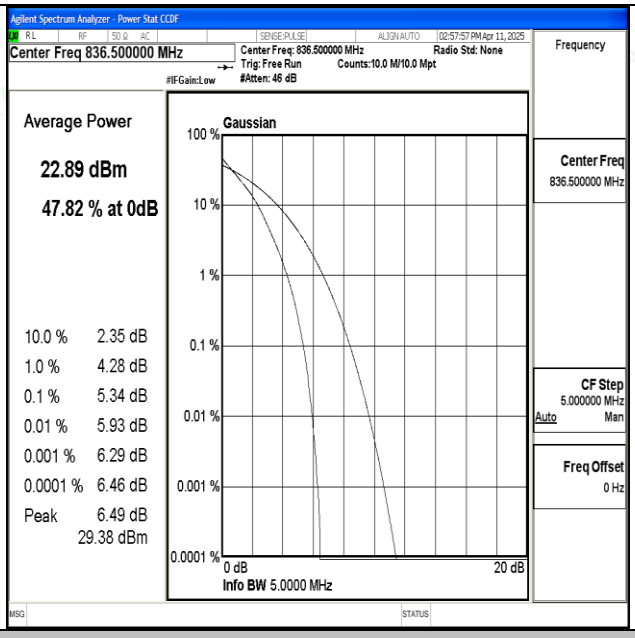


Band5-5MHz-QPSK-20525-1RB#0-PASS



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



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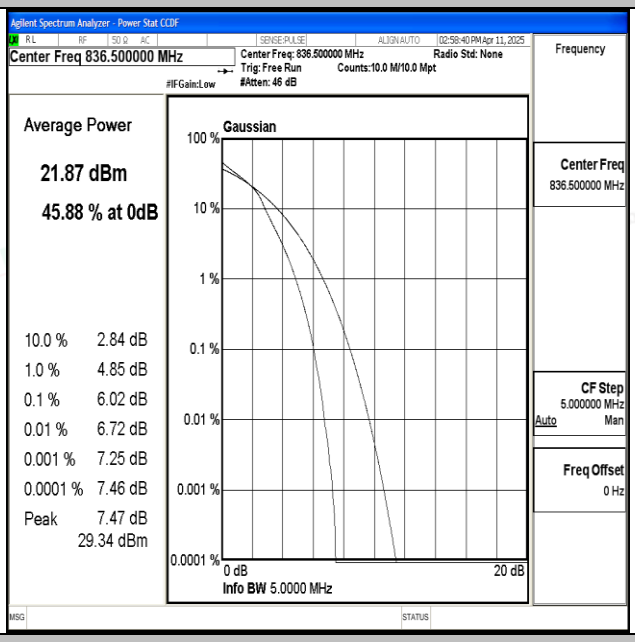

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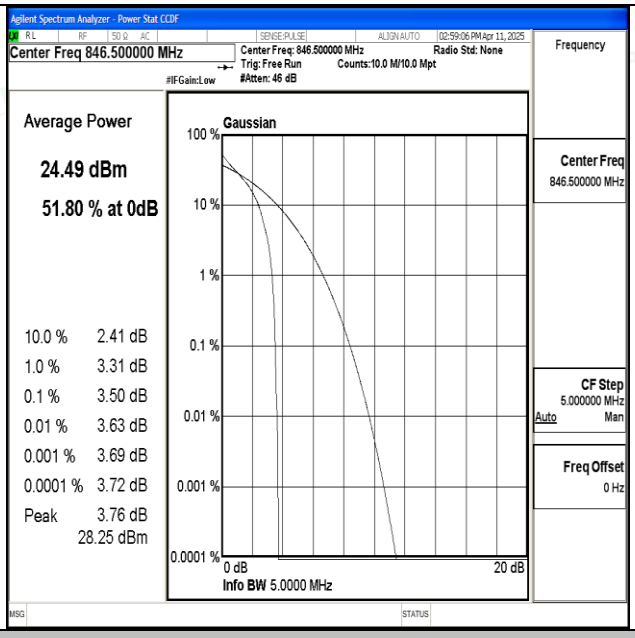
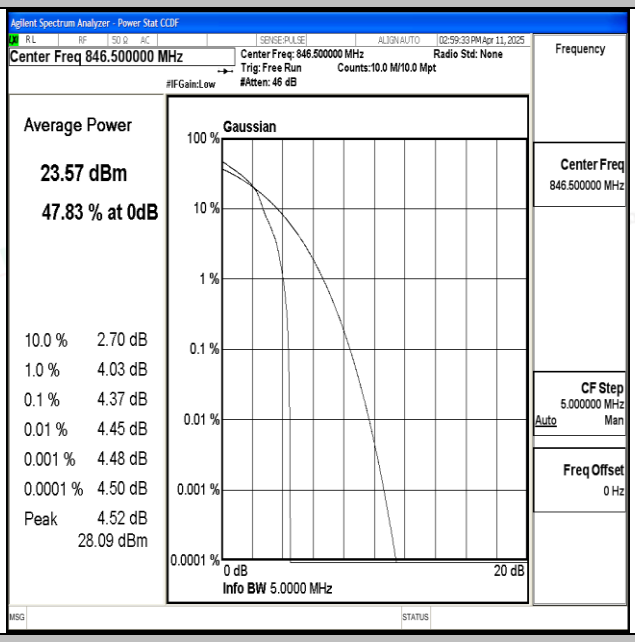


Band5-5MHz-QPSK-20625-1RB#0-PASS



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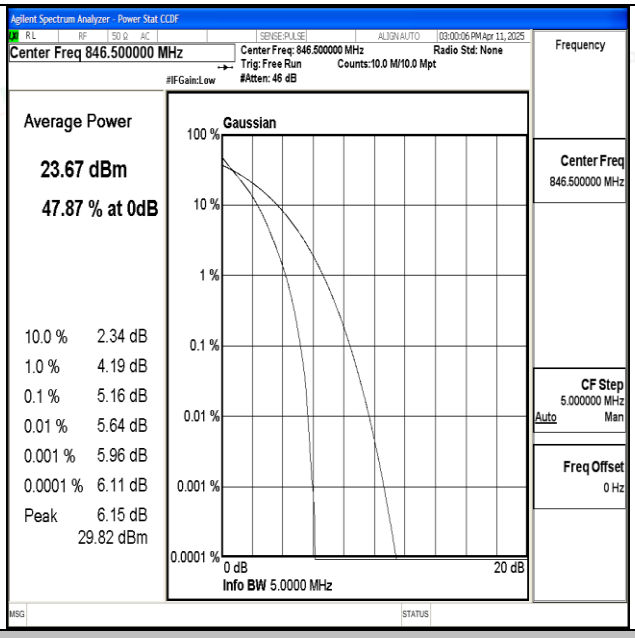

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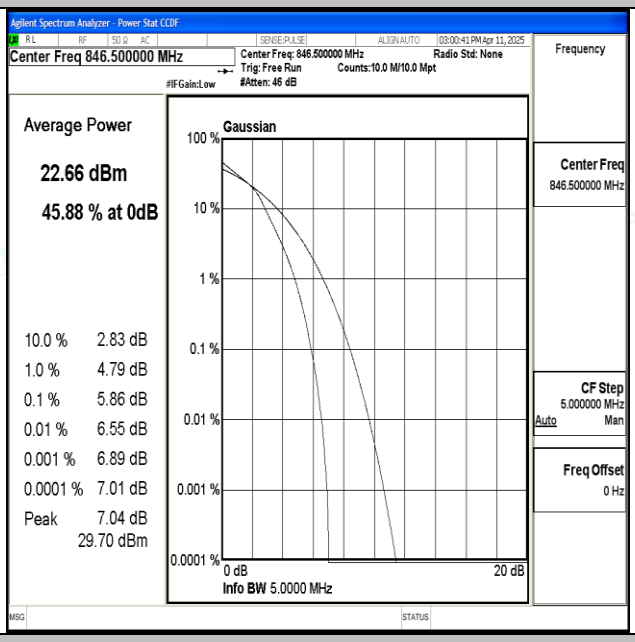

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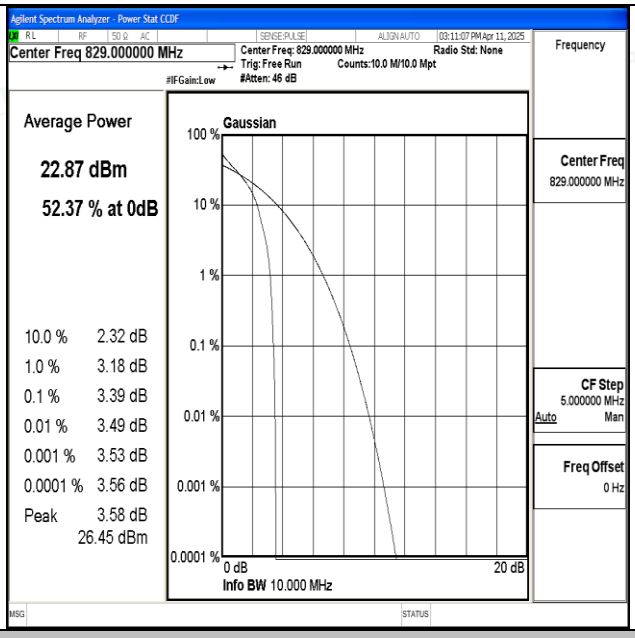
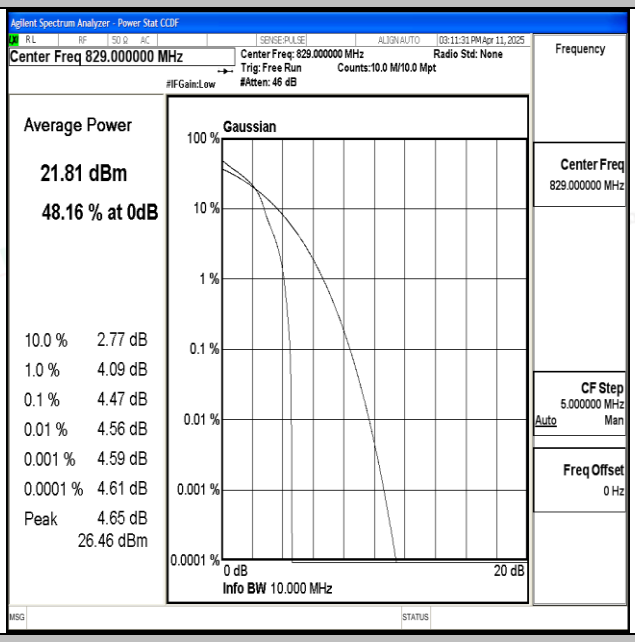
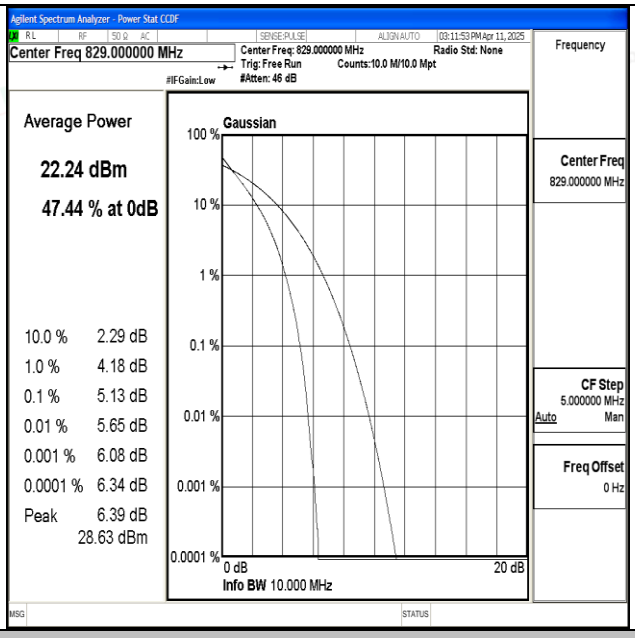


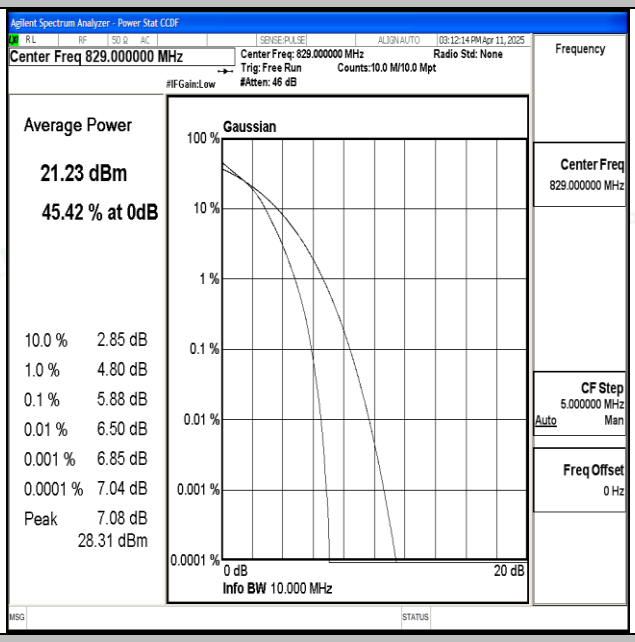
Band5-10MHz-QPSK-20450-1RB#0-PASS



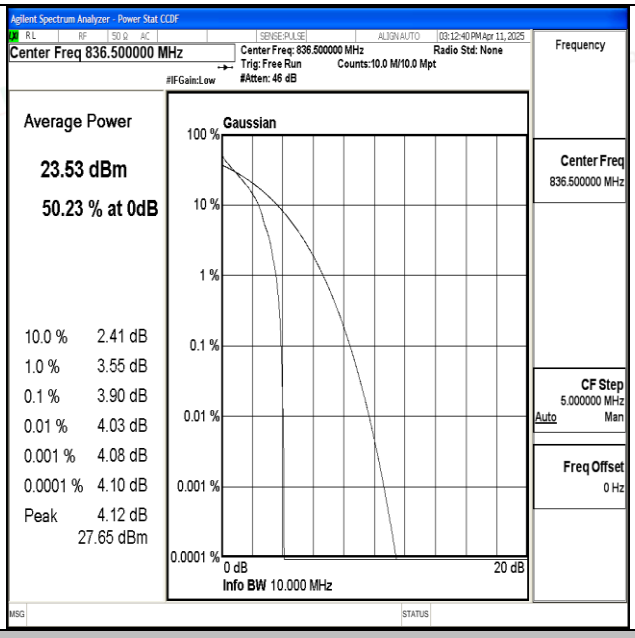
Band5-10MHz-16QAM-20450-1RB#0-PASS



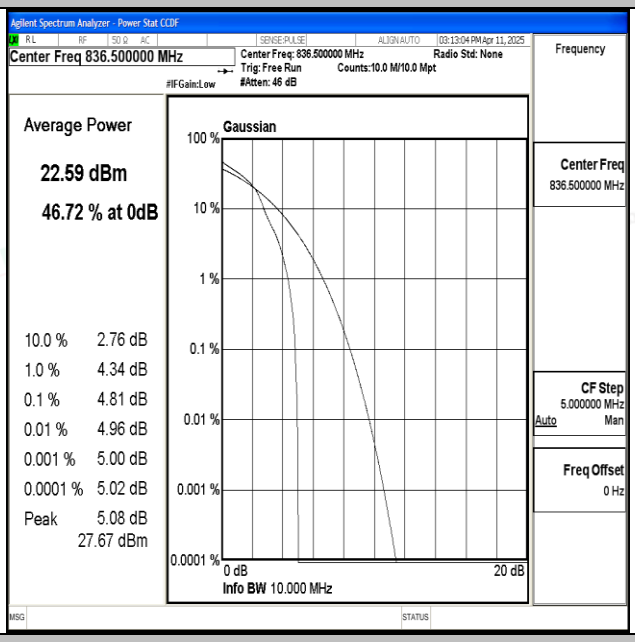
Band5-10MHz-QPSK-20450-50RB#0-PASS



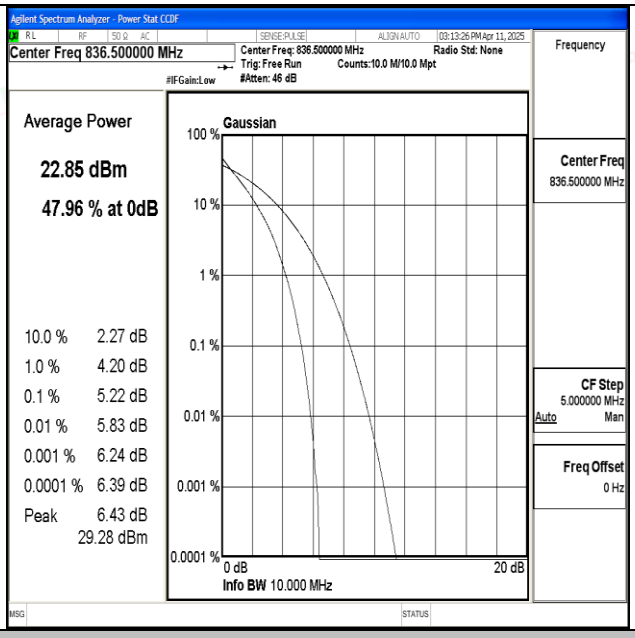
Band5-10MHz-16QAM-20450-50RB#0-PASS



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



Band5-10MHz-16QAM-20525-1RB#0-PASS



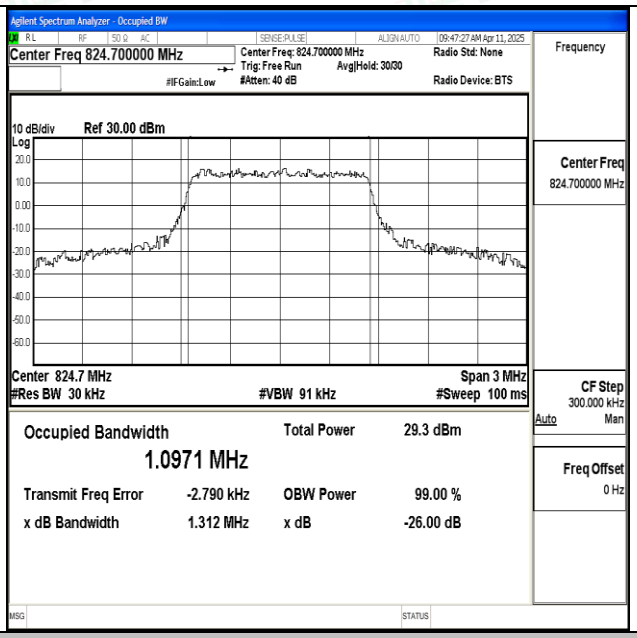
Band5-10MHz-QPSK-20525-50RB#0-PASS

F.3 26dB Bandwidth and Occupied Bandwidth

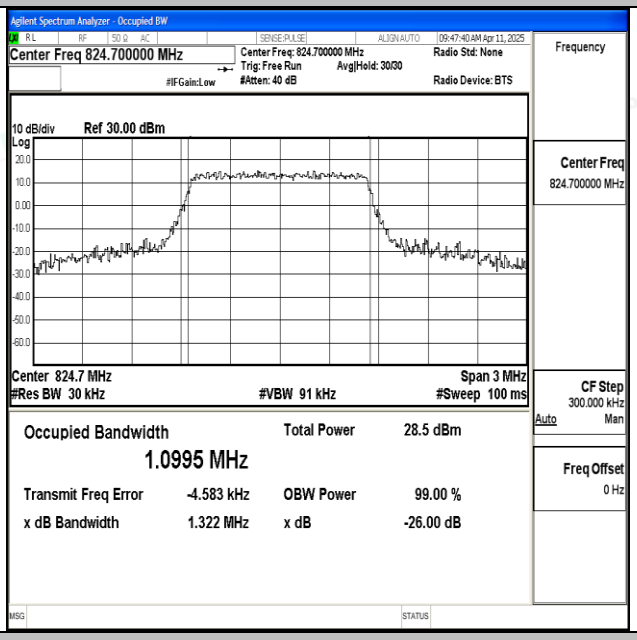
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0971	1.312	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0995	1.322	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0978	1.298	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0935	1.302	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0921	1.304	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0908	1.274	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7300	3.045	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7217	3.103	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7299	3.017	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7199	3.025	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7343	3.019	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7287	3.007	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5112	5.013	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5001	5.001	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4898	4.930	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5014	5.508	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5070	4.981	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4988	4.991	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9956	9.864	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9787	9.802	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9952	9.814	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9819	9.862	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9656	9.827	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9803	9.761	PASS

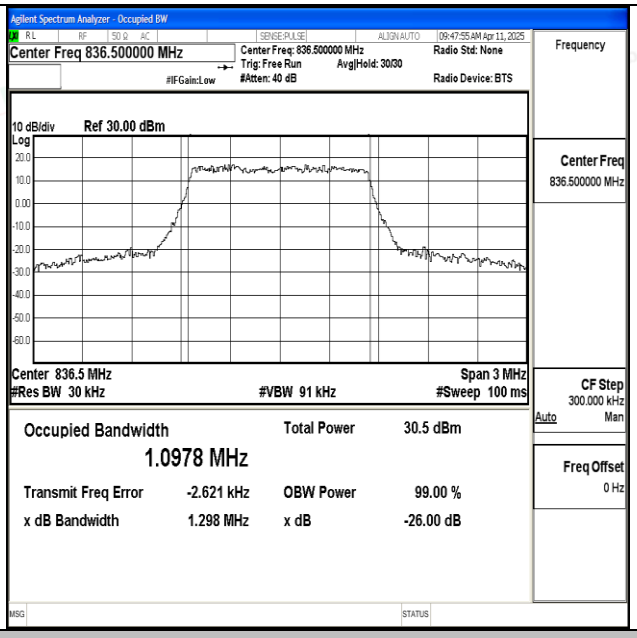
Test Graphs



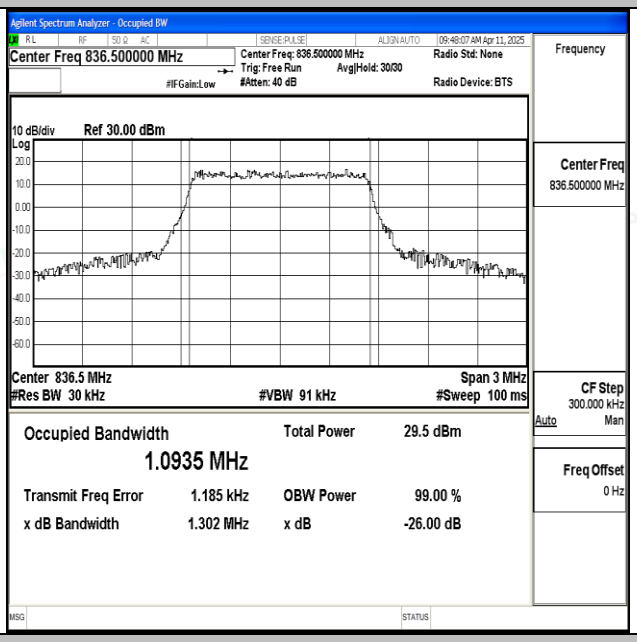
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



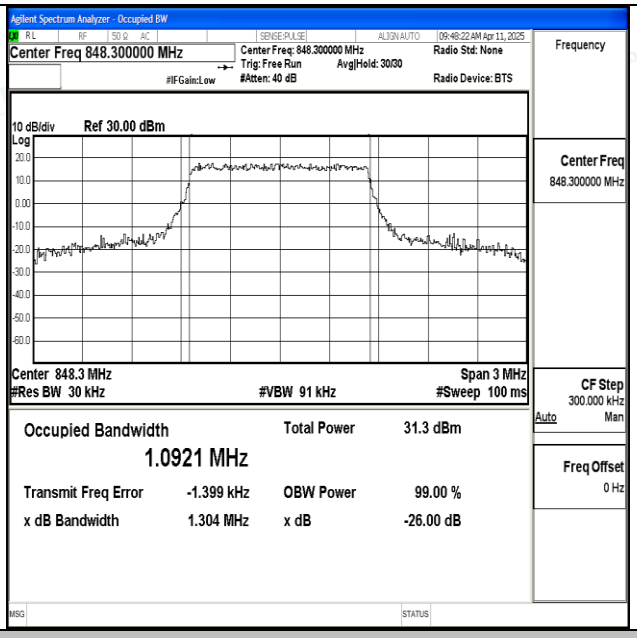
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



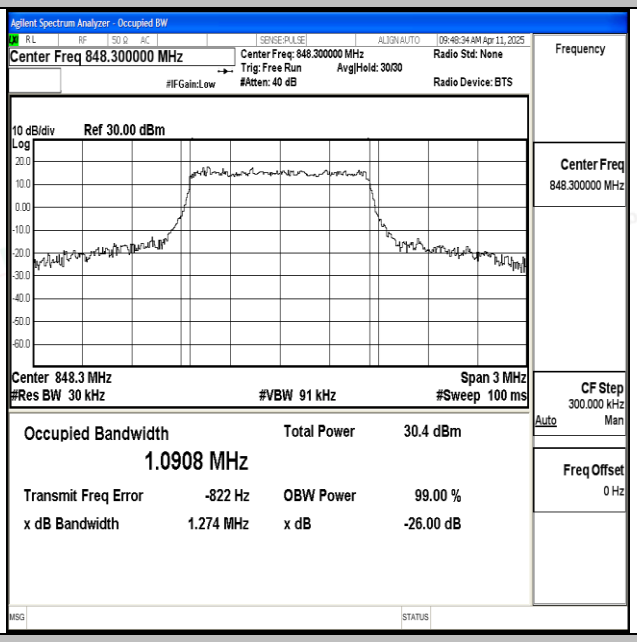
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



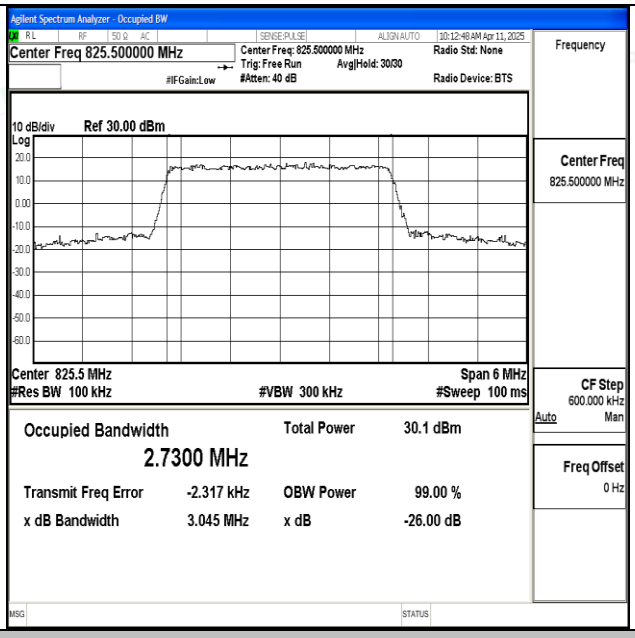
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



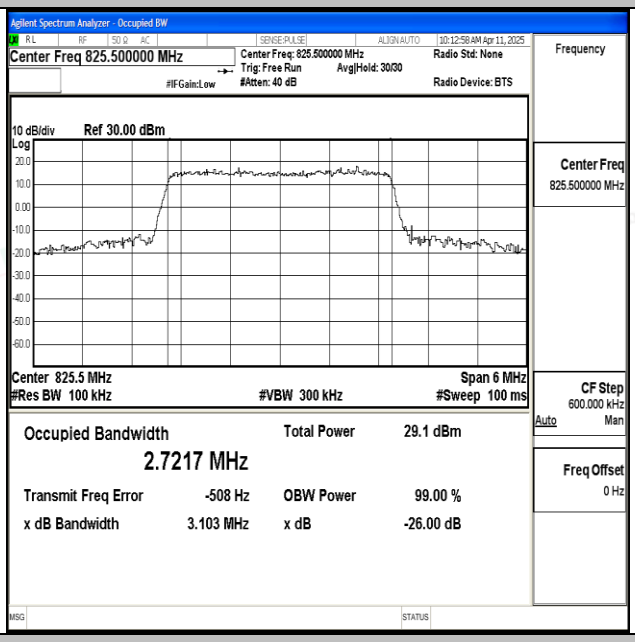
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



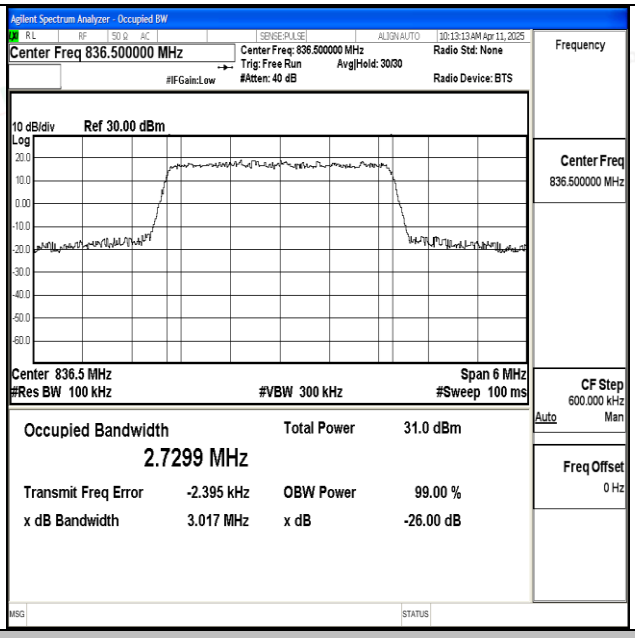
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



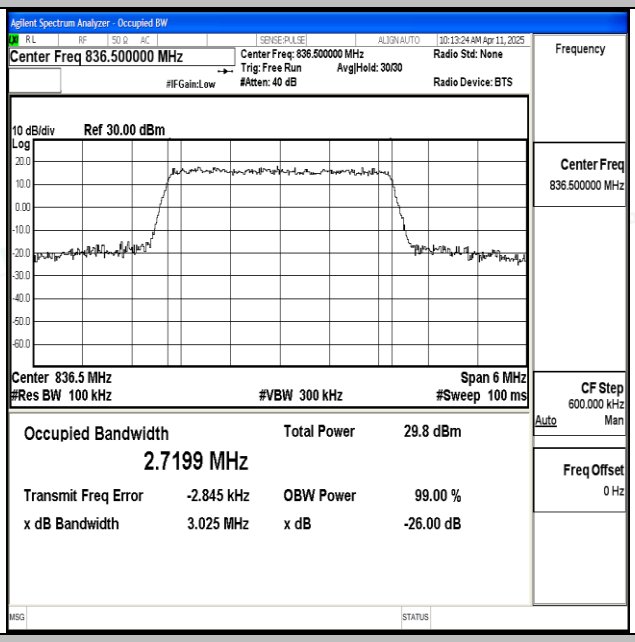
Band5-3MHz-QPSK-20415-15RB#0-PASS



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



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



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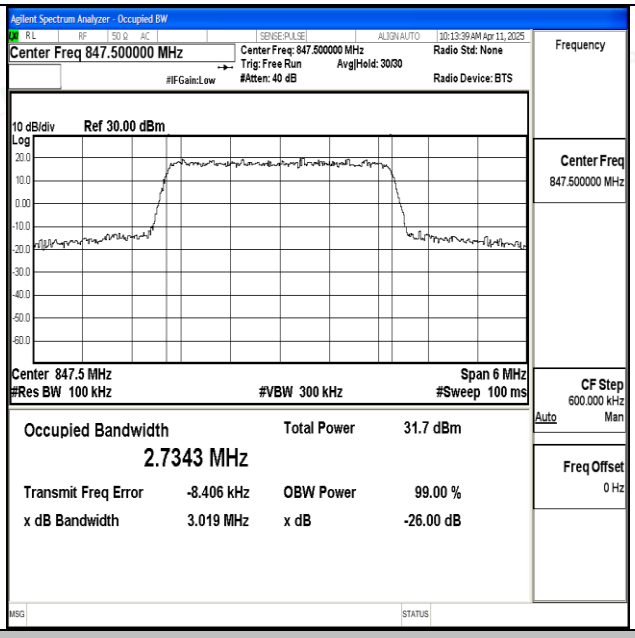
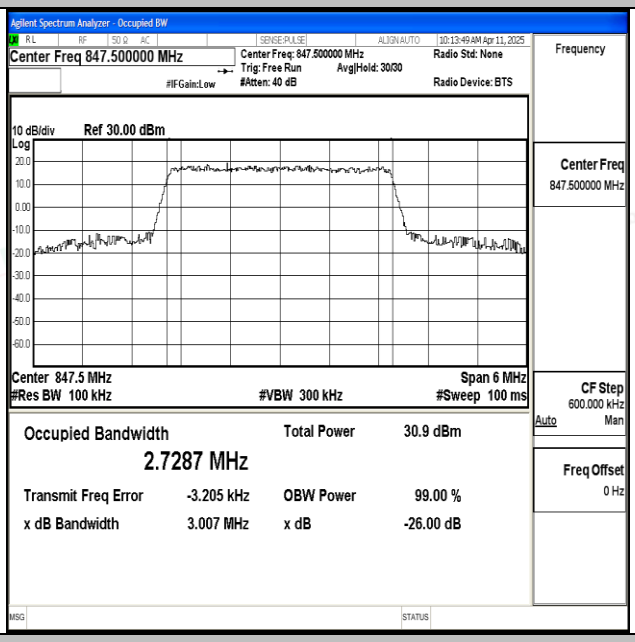
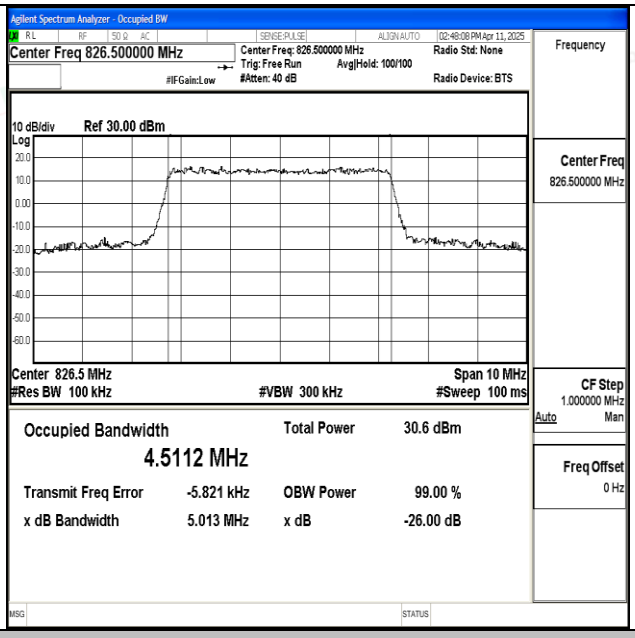


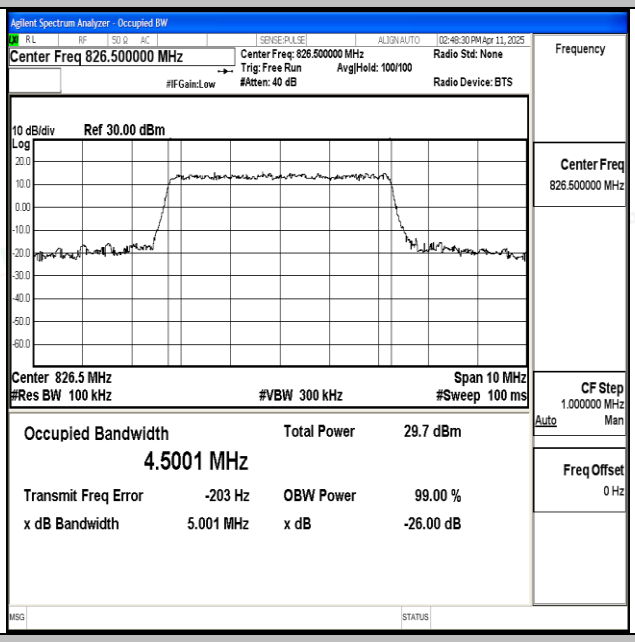
Band5-3MHz-QPSK-20635-15RB#0-PASS



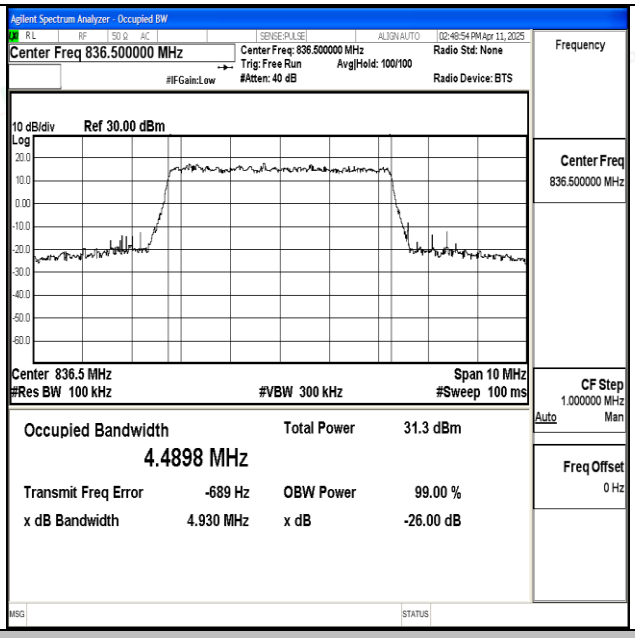
Band5-3MHz-16QAM-20635-15RB#0-PASS



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



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



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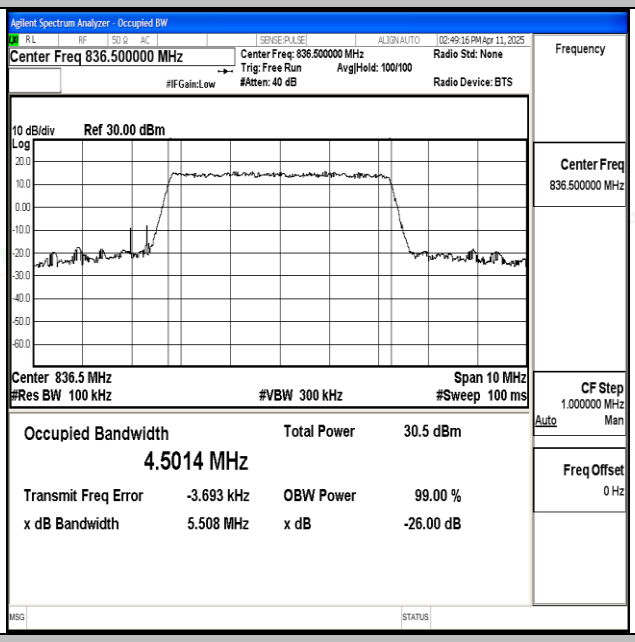

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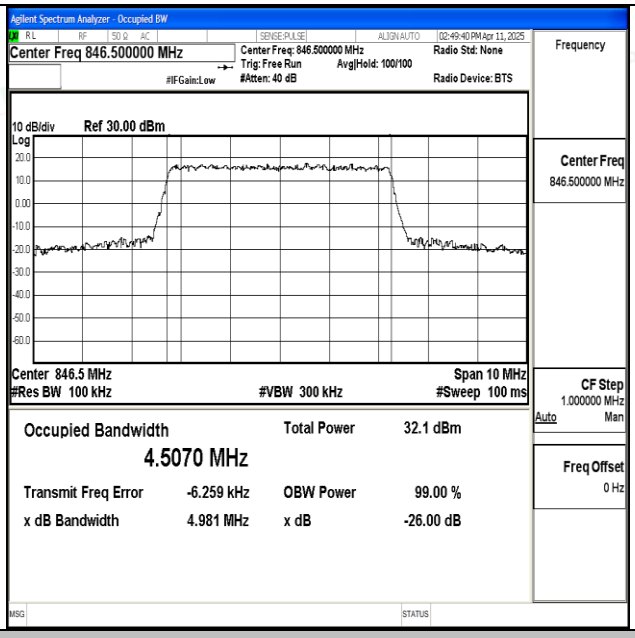

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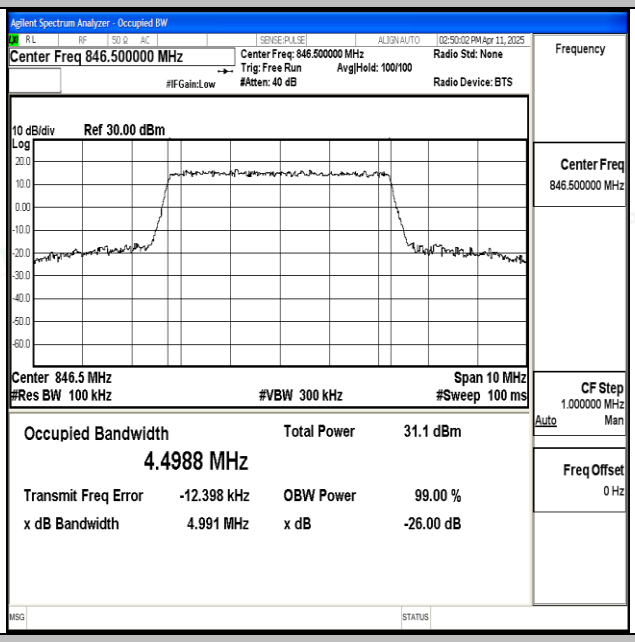

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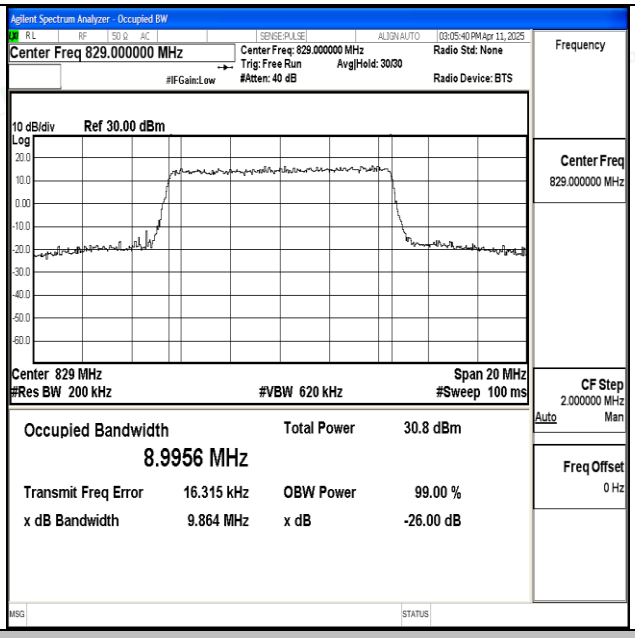
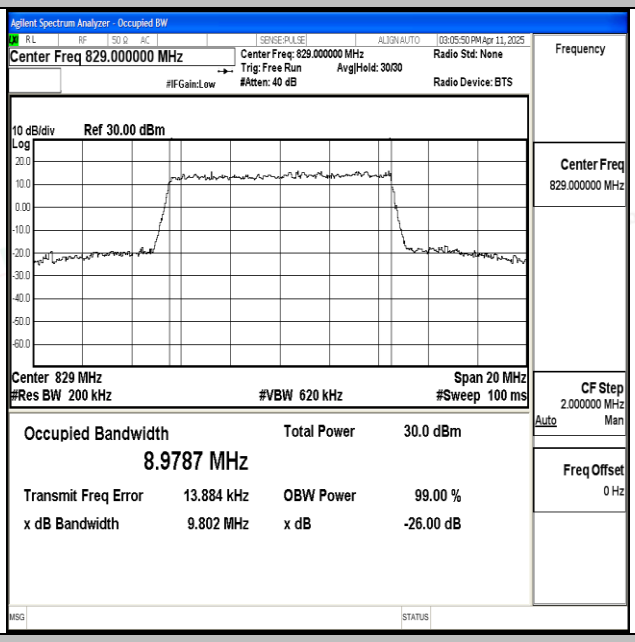
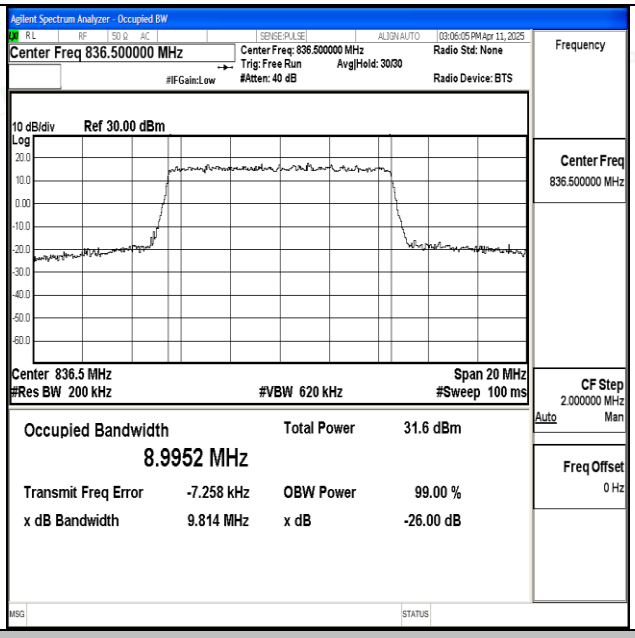


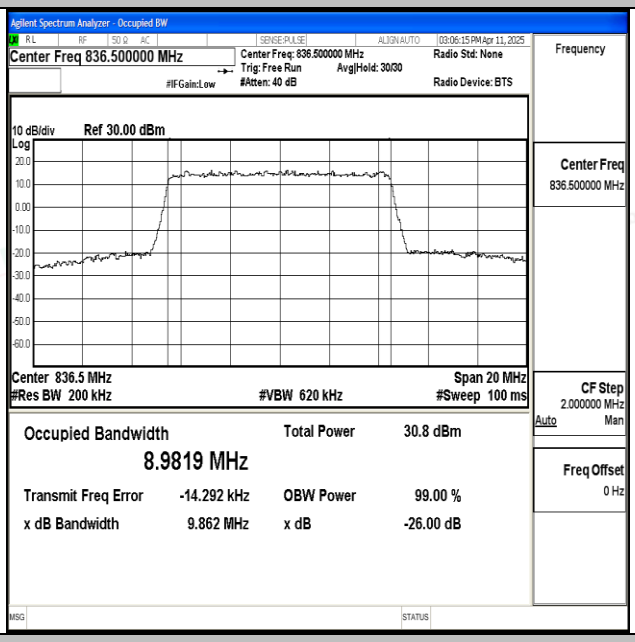
Band5-10MHz-QPSK-20450-50RB#0-PASS



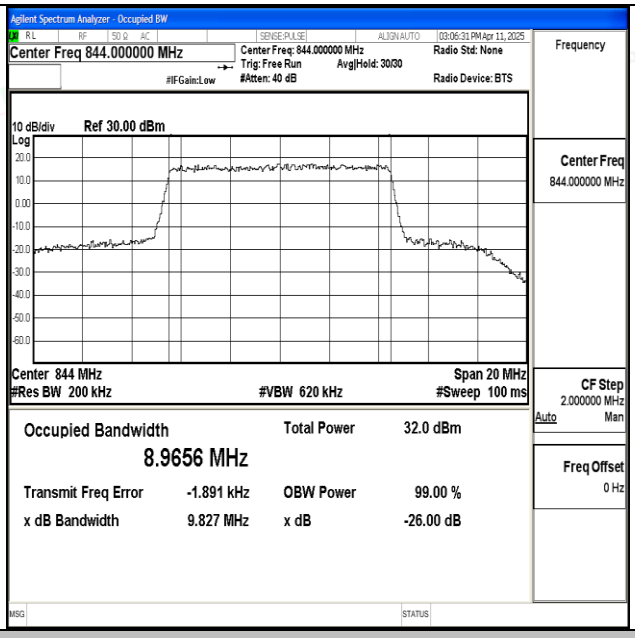
Band5-10MHz-16QAM-20450-50RB#0-PASS



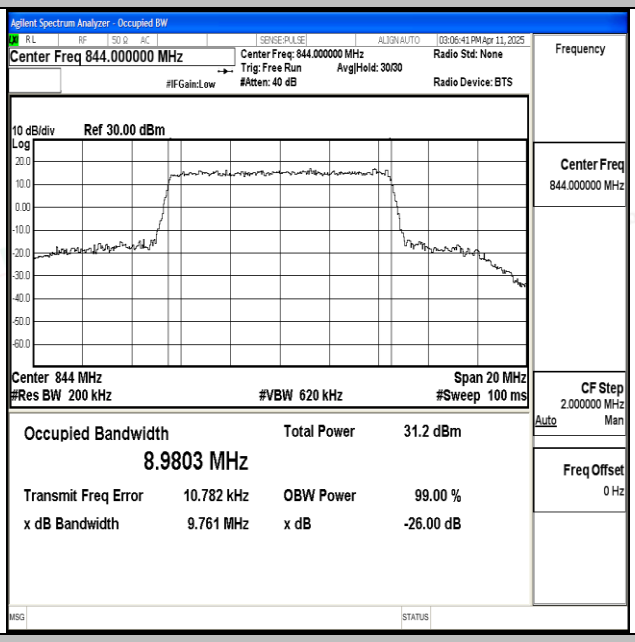
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



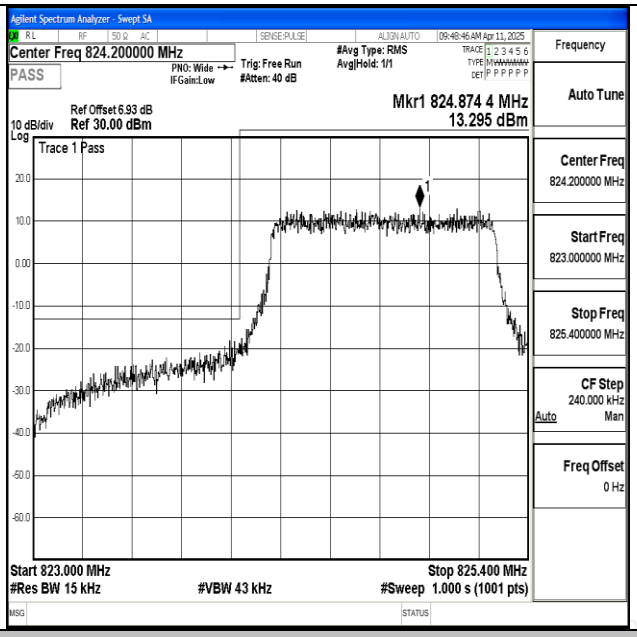
Band5-10MHz-16QAM-20600-50RB#0-PASS

F.4 Band Edge

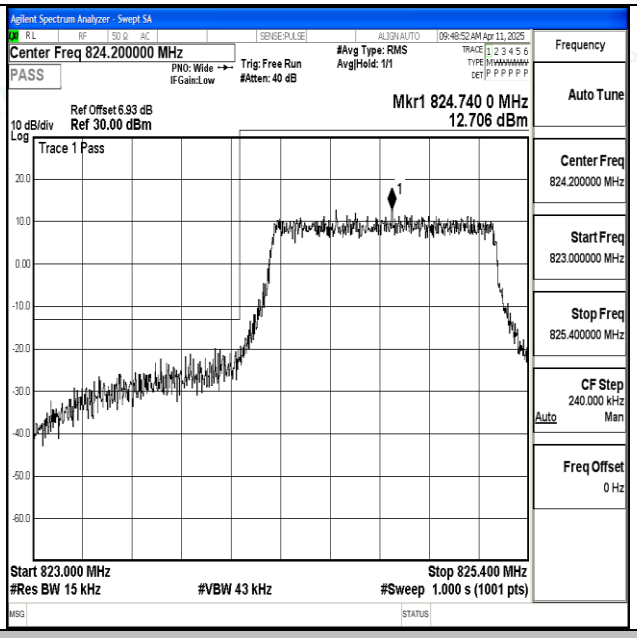
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.95	-18.25	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.88	-19.99	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.02	-16.76	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.01	-18.74	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.89	-19.21	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.60	-20.44	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.02	-16.72	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.10	-19.10	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.98	-14.47	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.98	-18.00	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.02	-15.95	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.00	-16.37	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.98	-18.05	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.92	-21.34	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.04	-17.22	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.97	-16.42	PASS

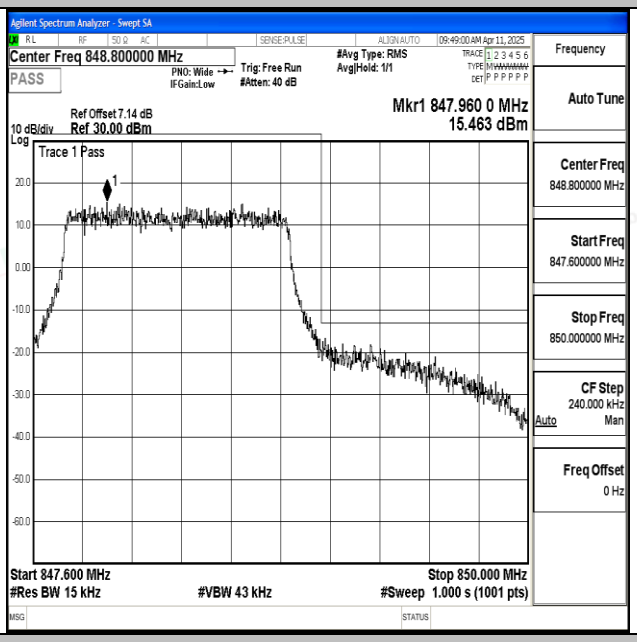
Test Graphs



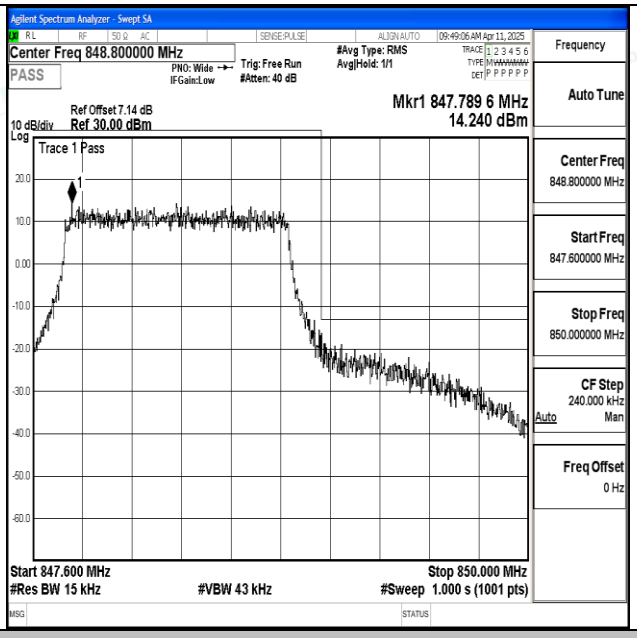
Band5_1.4MHz_QPSK_20407_6RB#0



Band5_1.4MHz_16QAM_20407_6RB#0



Band5_1.4MHz_QPSK_20643_6RB#0



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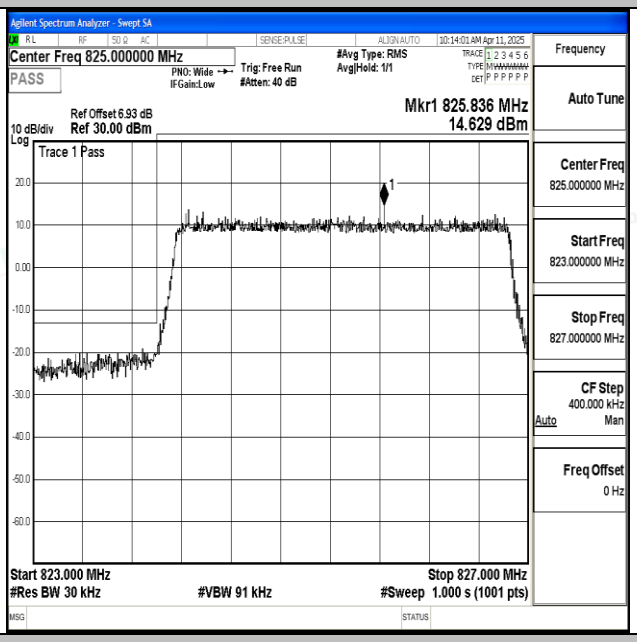
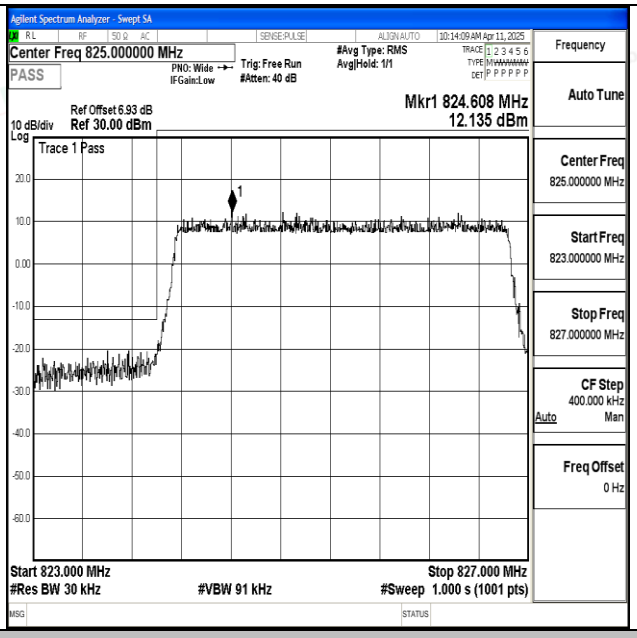
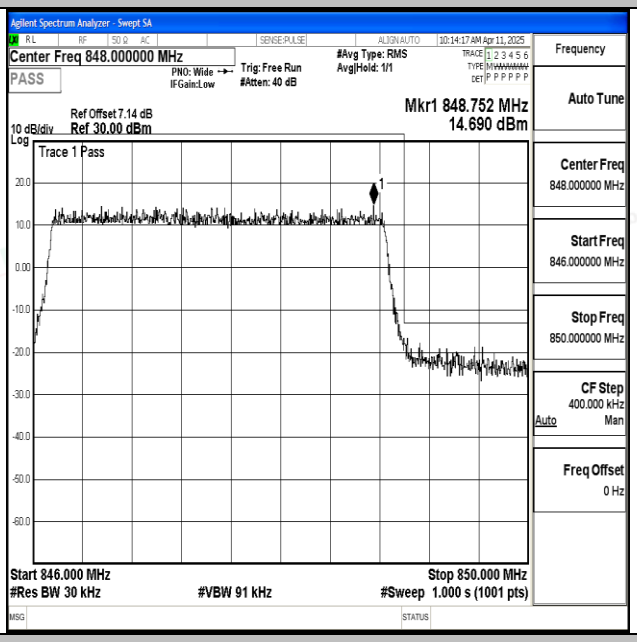


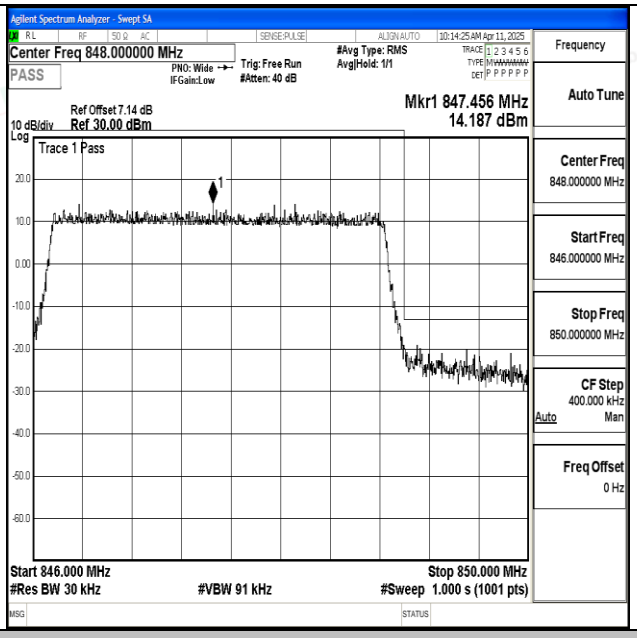
Band5_3MHz_QPSK_20415_15RB#0



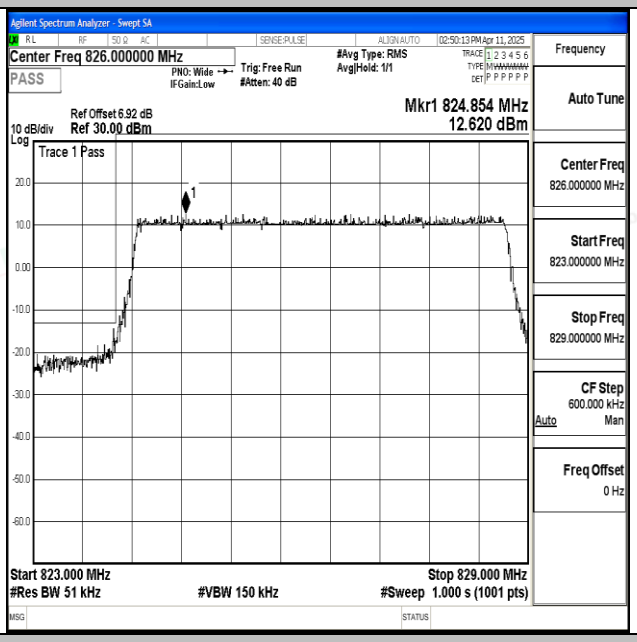
Band5_3MHz_16QAM_20415_15RB#0



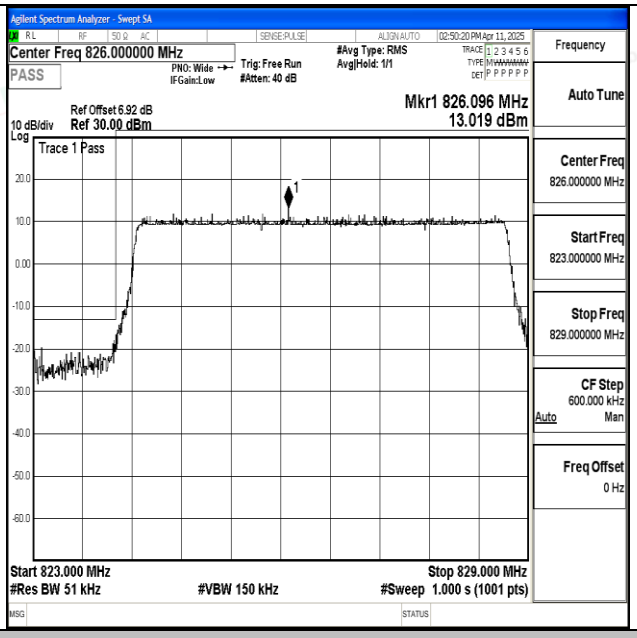
Band5_3MHz_QPSK_20635_15RB#0



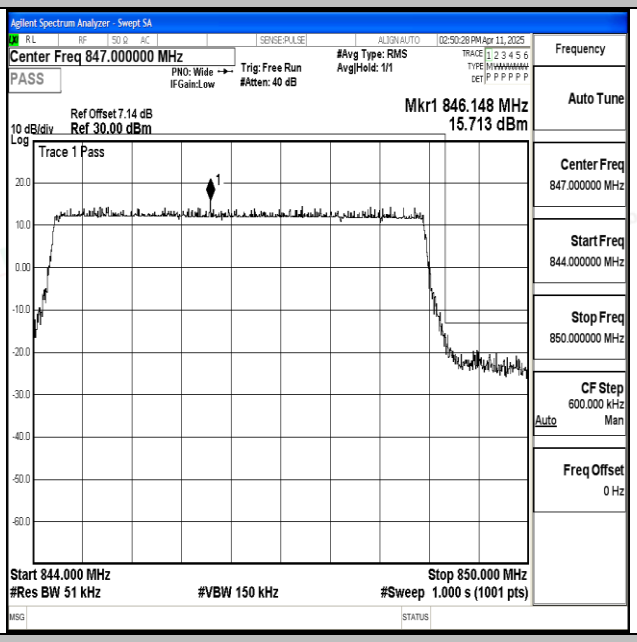
Band5_3MHz_16QAM_20635_15RB#0



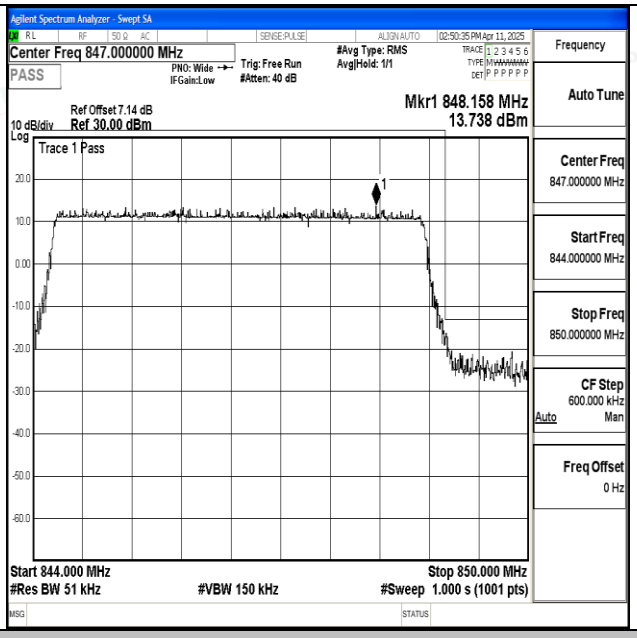
Band5_5MHz_QPSK_20425_25RB#0



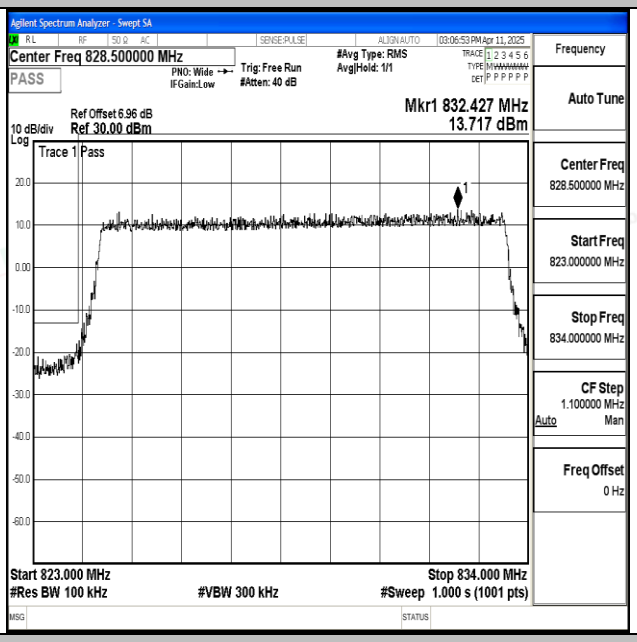
Band5_5MHz_16QAM_20425_25RB#0



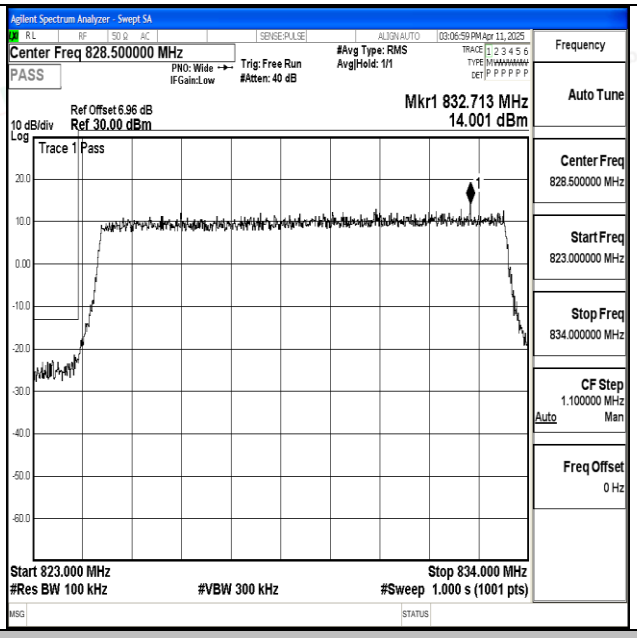
Band5_5MHz_QPSK_20625_25RB#0



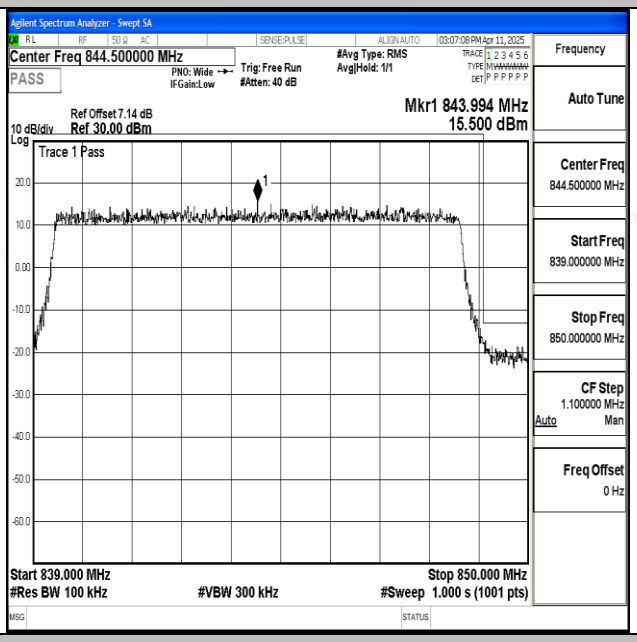
Band5_5MHz_16QAM_20625_25RB#0



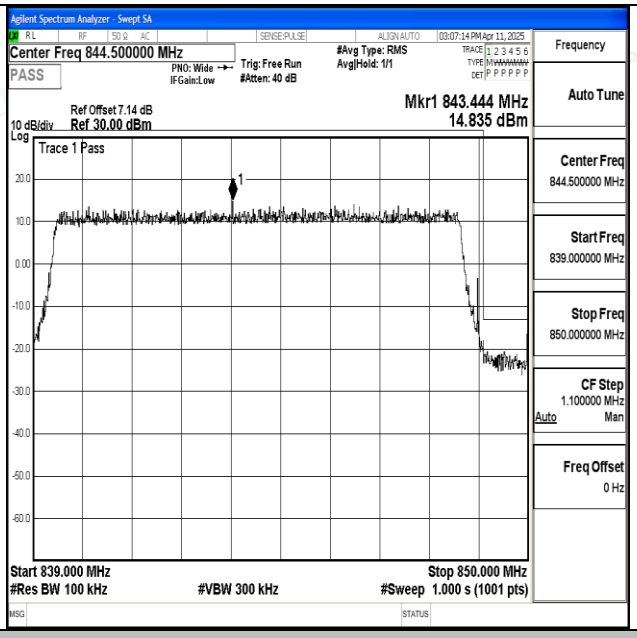
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

F.5 Conducted Spurious Emission

Test Result

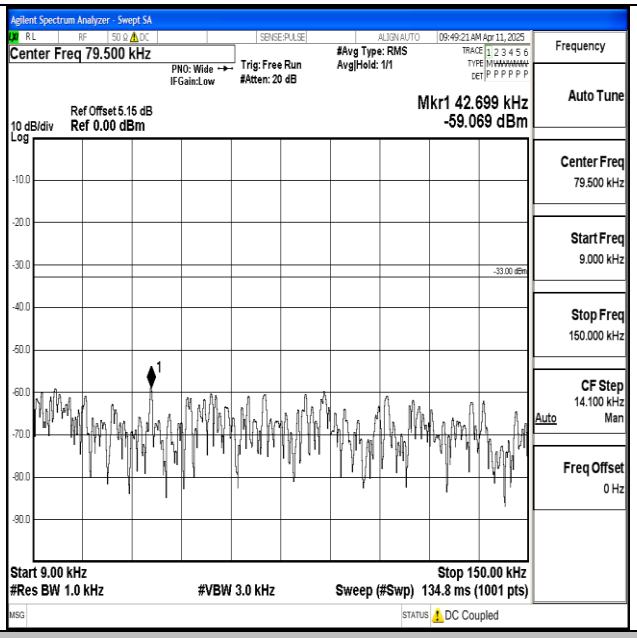
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-59.07	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-44.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-51.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-36.99	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-34.73	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-55.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-46.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-49.16	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-36.90	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-34.78	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-54.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-45.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-49.92	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-34.89	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-35.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-57.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-47.55	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-49.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-35.18	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-34.95	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-57.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-47.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-50.37	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-34.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-34.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-57.40	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-47.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-50.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-34.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-35.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-54.54	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-45.27	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-52.71	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-37.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-35.20	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-56.54	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-46.37	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-52.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-37.17	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-35.67	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-58.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-44.62	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-53.20	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-35.16	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-35.11	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-54.81	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-44.10	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-52.12	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-34.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-35.33	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-54.58	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-45.64	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-52.25	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-35.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-35.36	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-57.94	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-45.74	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-53.00	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-35.53	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-35.54	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-56.58	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-44.61	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-52.83	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-35.89	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-35.73	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-56.55	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-44.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-52.34	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-36.38	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-34.87	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-57.00	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-45.66	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-51.98	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-34.23	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-35.05	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-58.39	PASS

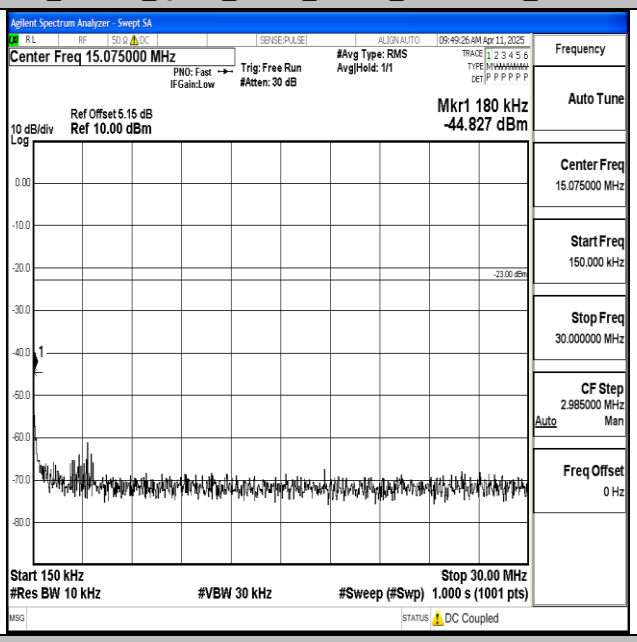
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-43.92	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-53.08	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-34.94	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-35.61	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-56.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-46.26	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-52.47	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-35.12	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-35.50	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-57.42	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-46.27	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-53.02	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-35.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-34.87	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-56.90	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-44.42	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-52.81	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-36.20	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-34.94	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-53.72	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-44.83	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-52.83	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-35.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-35.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-58.89	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-45.57	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-52.97	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-34.72	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-35.02	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-54.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-44.14	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-52.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-34.55	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-35.00	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-53.98	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-47.55	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-51.78	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-34.80	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-35.16	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-58.51	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-42.92	PASS

Band5	10MHz	16QAM	20600	1RB#0	30~1000	-52.16	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-35.73	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-35.15	PASS

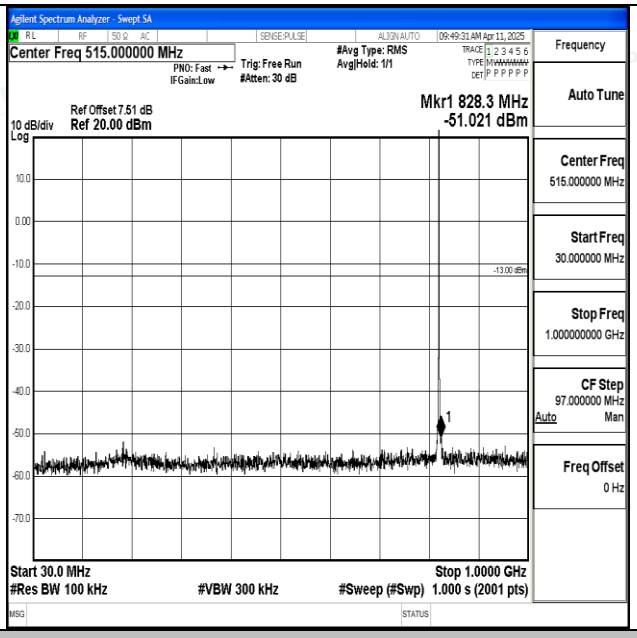
Test Graphs



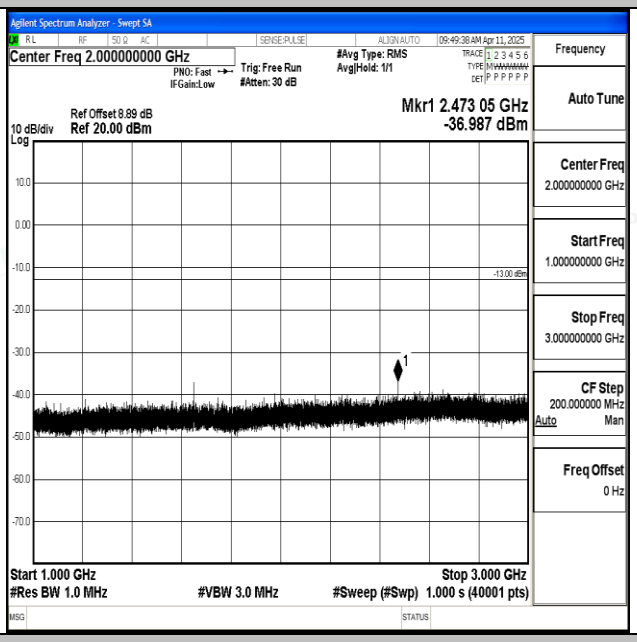
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



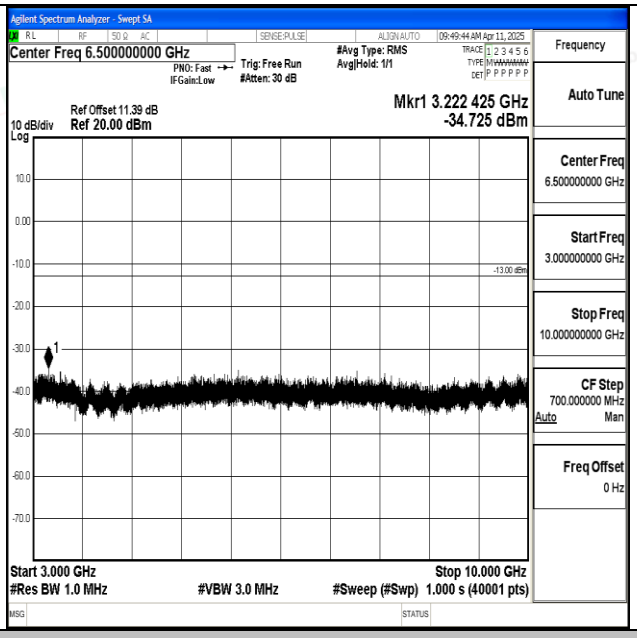
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



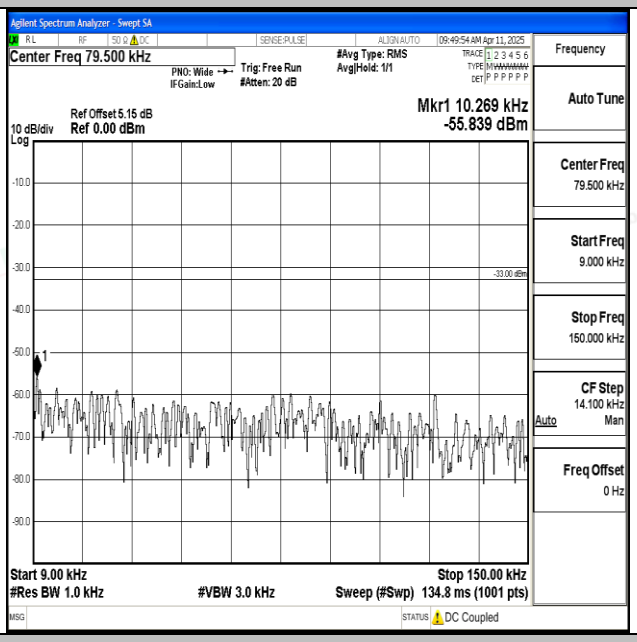
Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



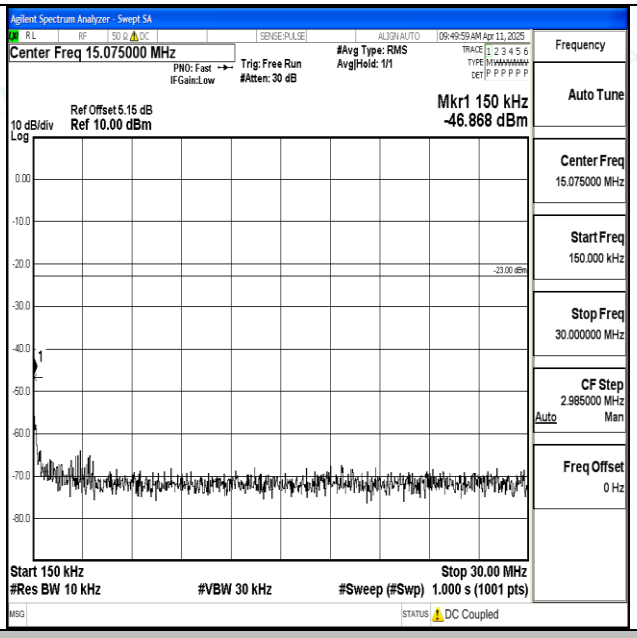
Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



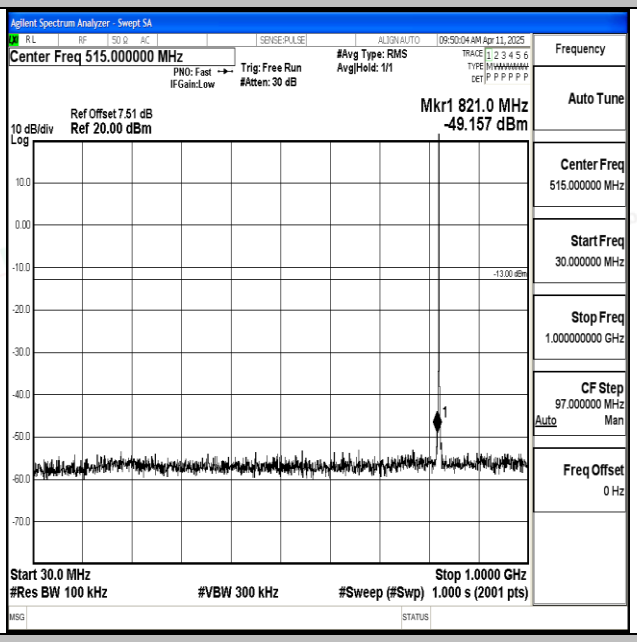
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



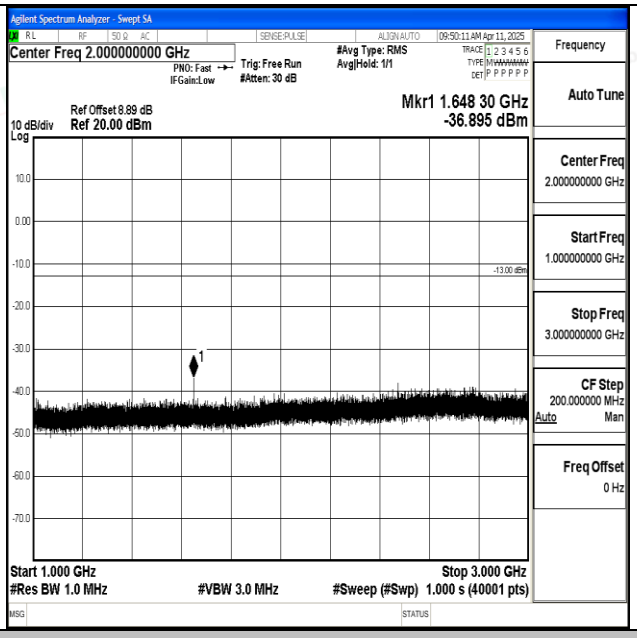
Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



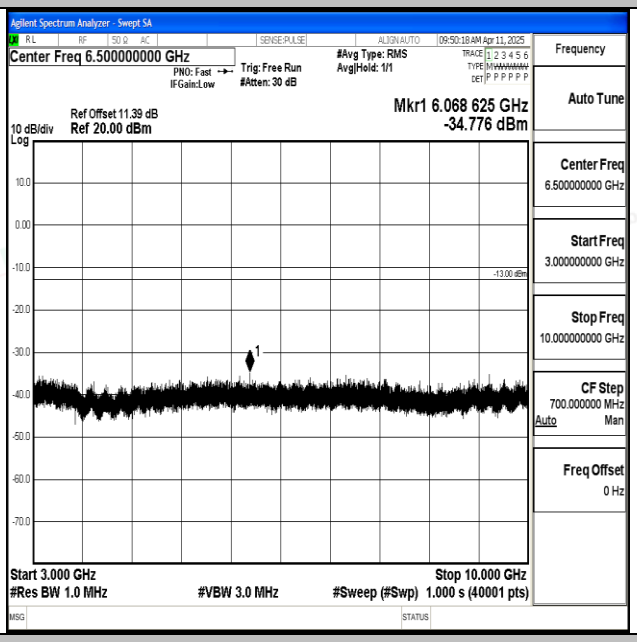
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



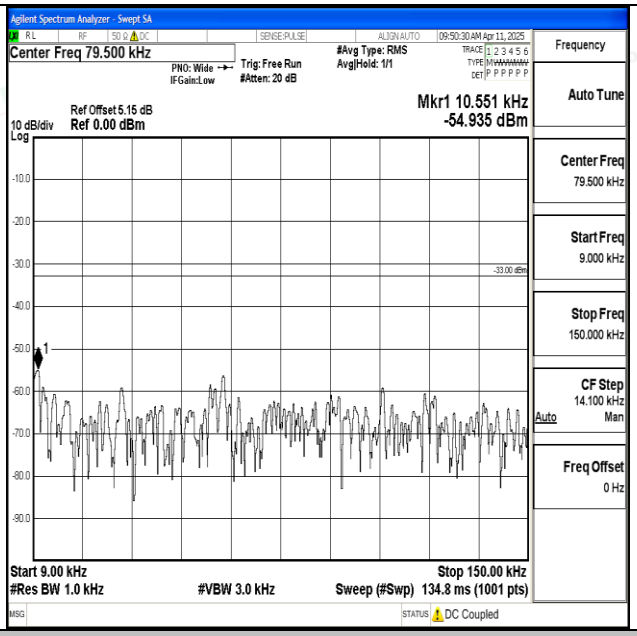
Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



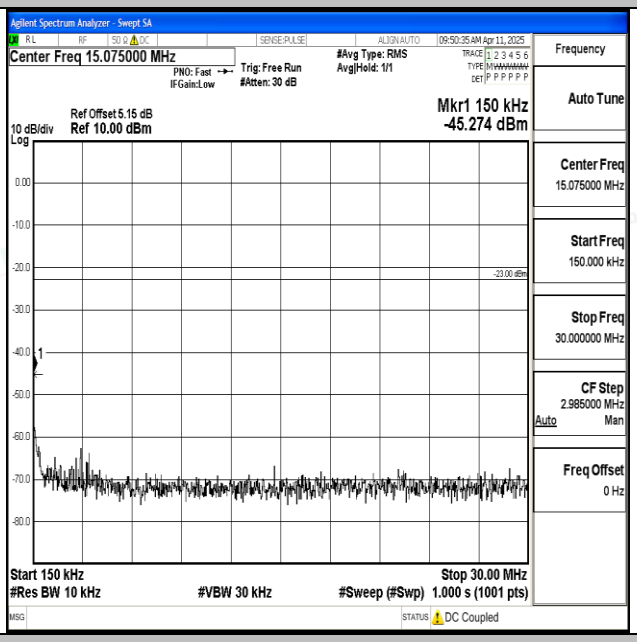
Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



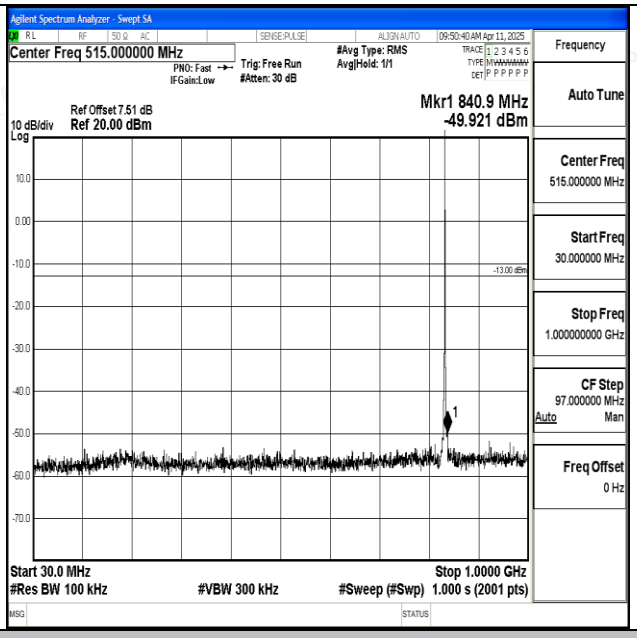
Band5_1.4MHz_16QAM_20407_1RB#0_3000~10000_3000~10000



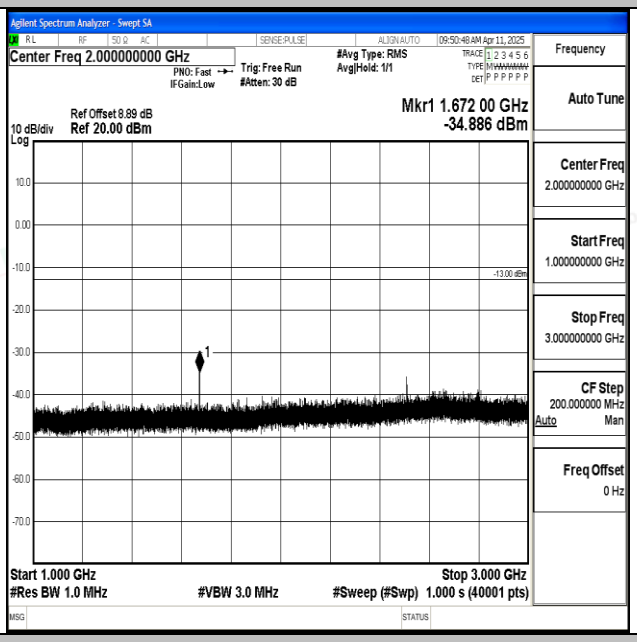
Band5_1.4MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15



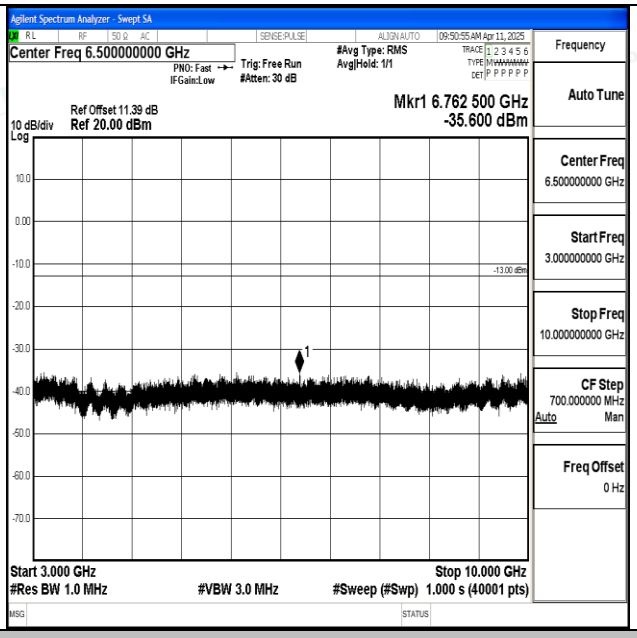
Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



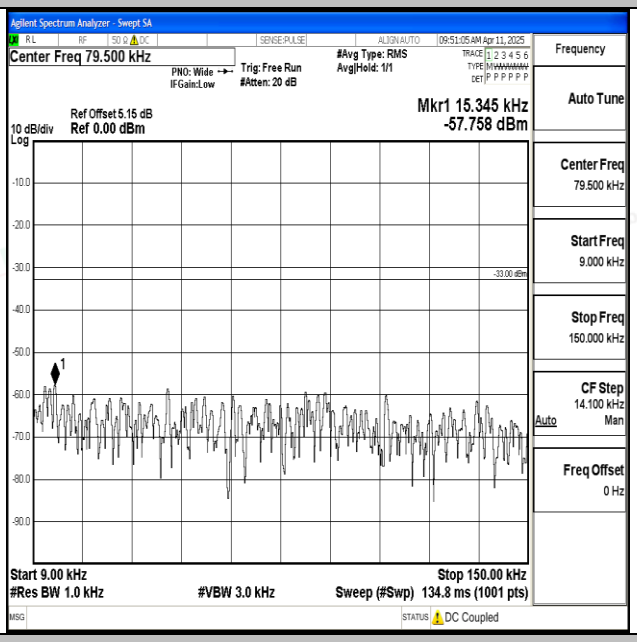
Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



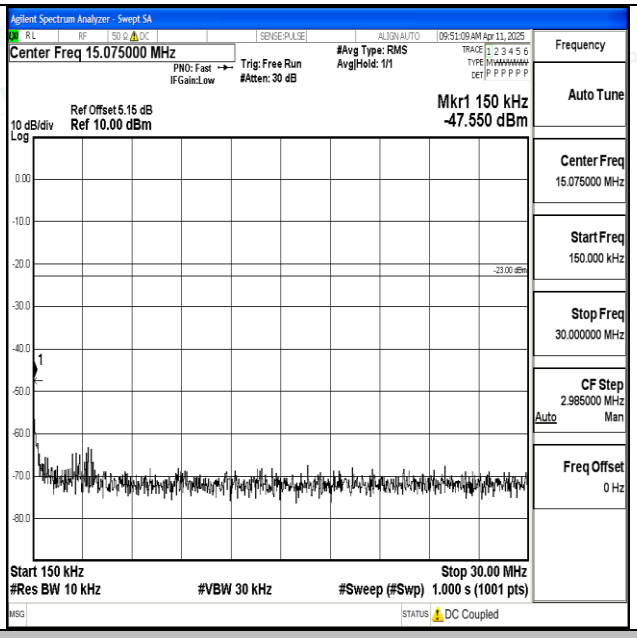
Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



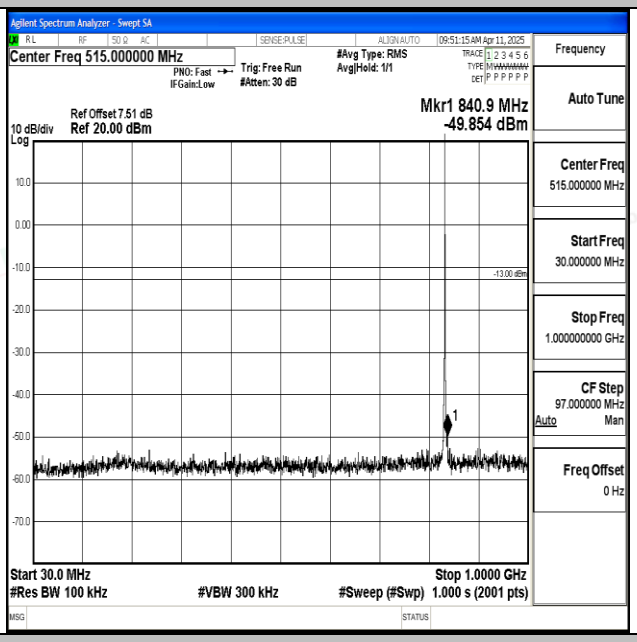
Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



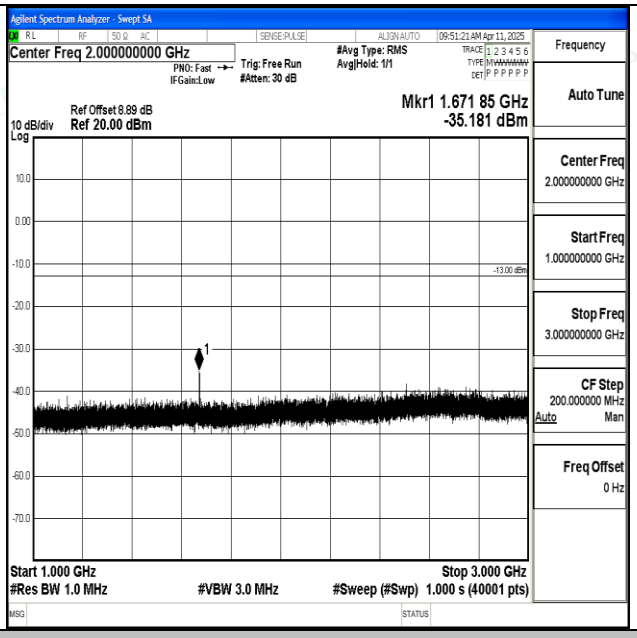
Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



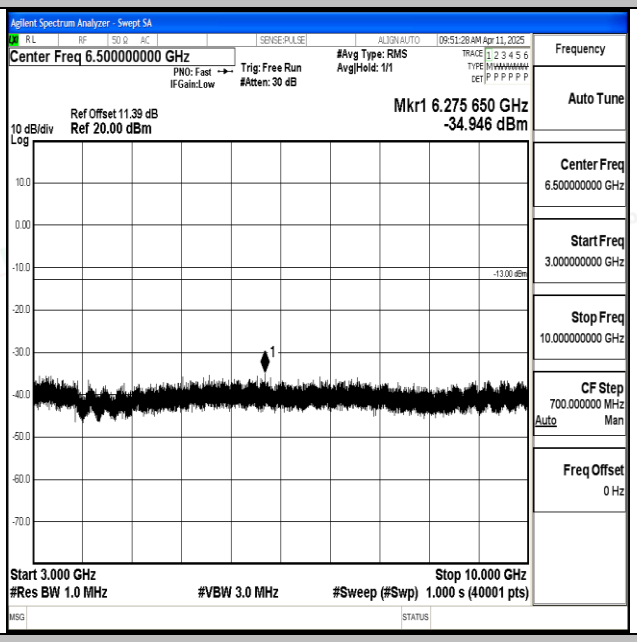
Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



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