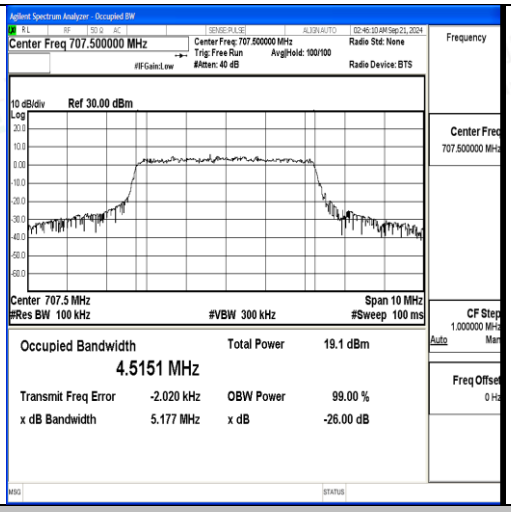
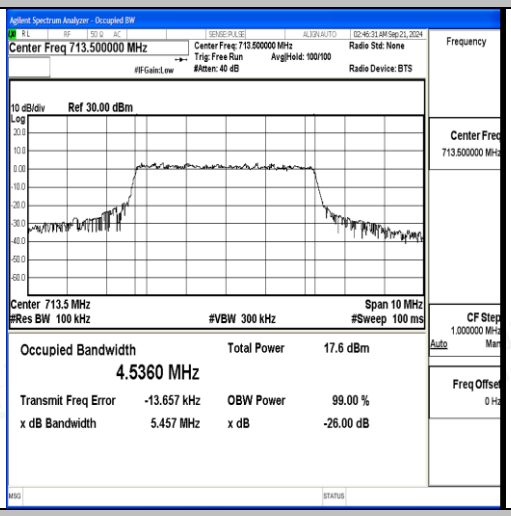
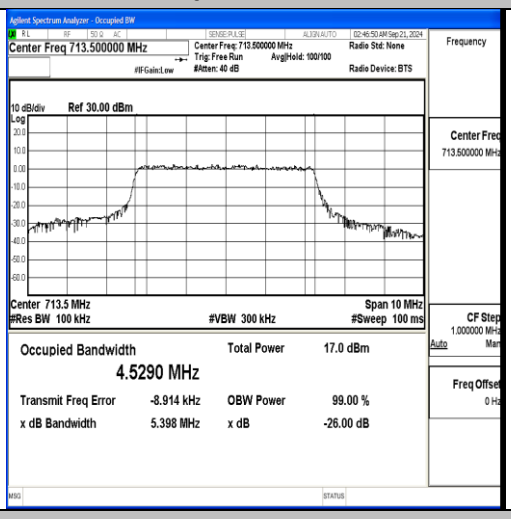


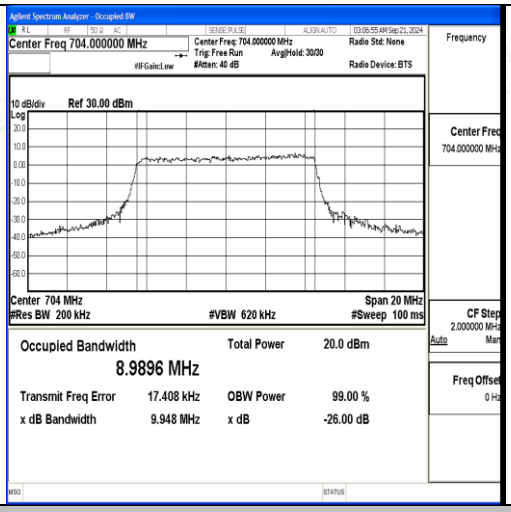
Band12-5MHz-16QAM-23095-25RB#0-PASS



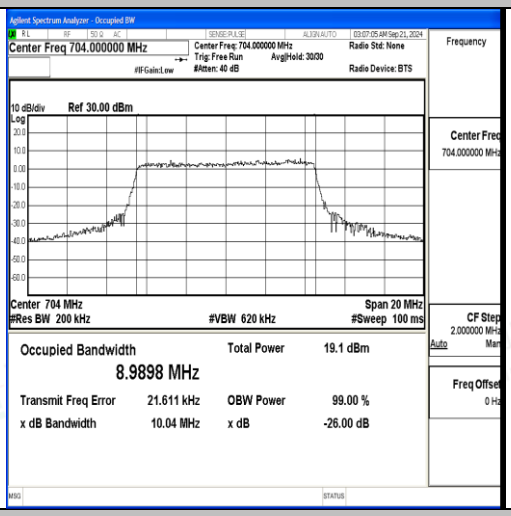
Band12-5MHz-QPSK-23155-25RB#0-PASS



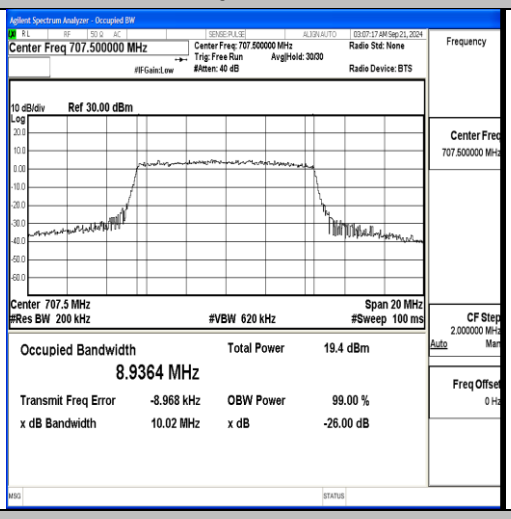
Band12-5MHz-16QAM-23155-25RB#0-PASS



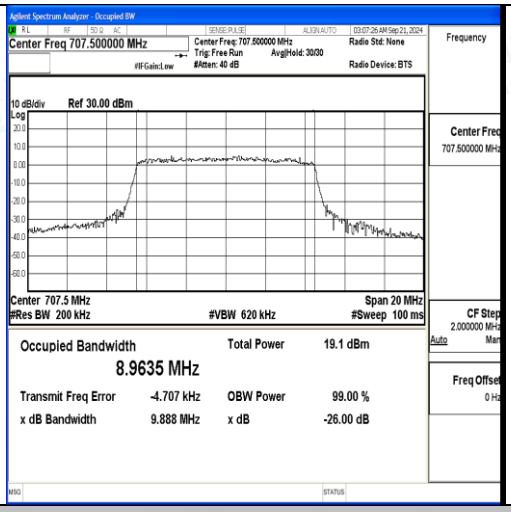
Band12-10MHz-QPSK-23060-50RB#0-PASS



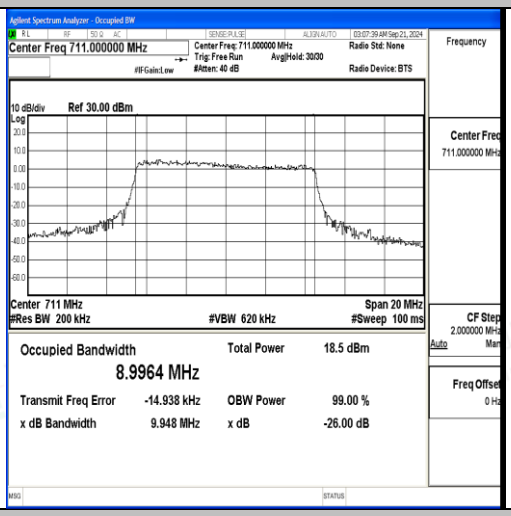
Band12-10MHz-16QAM-23060-50RB#0-PASS



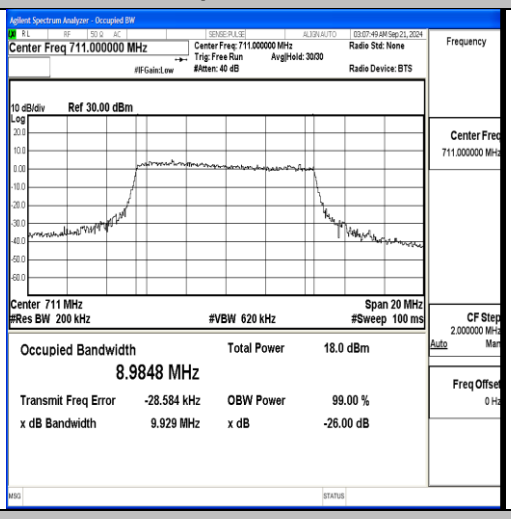
Band12-10MHz-QPSK-23095-50RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



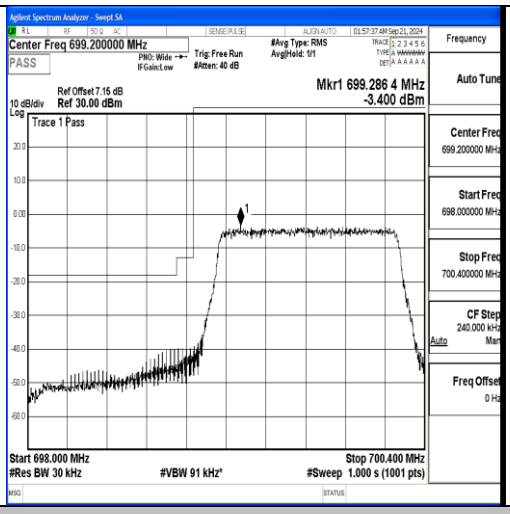
Band12-10MHz-16QAM-23130-50RB#0-PASS

J.4 Band Edge

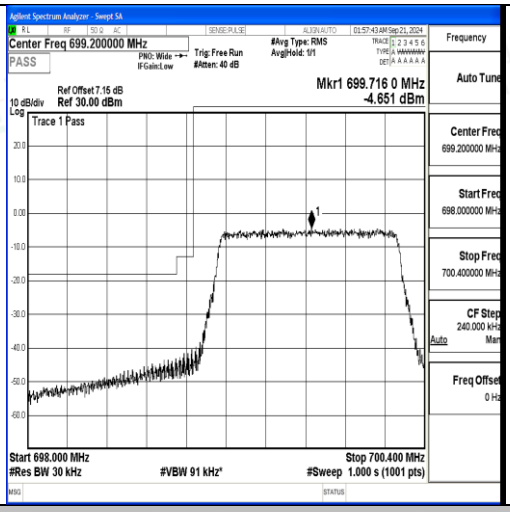
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.86	-40.15	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.90	-43.28	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.21	-43.47	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.13	-44.71	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-35.24	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-37.21	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-38.04	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-38.49	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.90	-46.41	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.89	-46.70	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.21	-49.27	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.11	-48.03	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.57	-47.49	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.62	-48.57	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.11	-53.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.20	-53.88	PASS

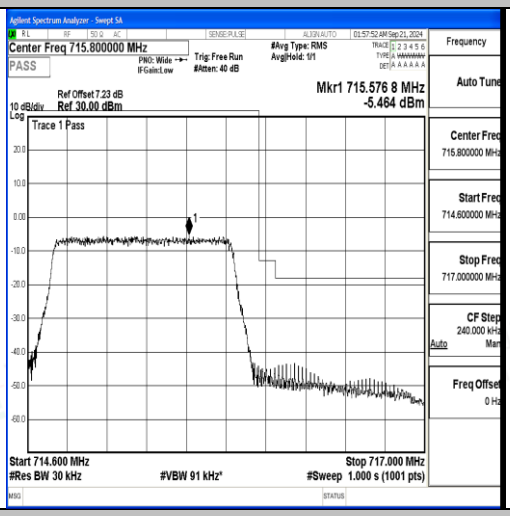
Test Graphs



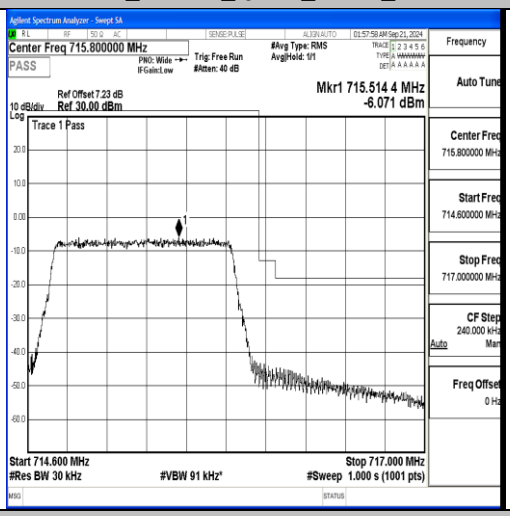
Band12_1.4MHz_QPSK_23017_6RB#0



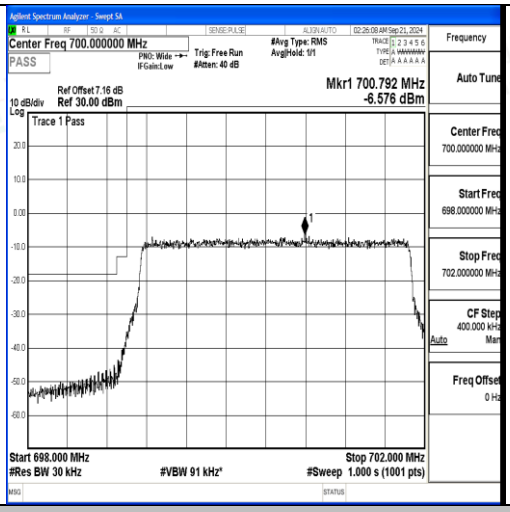
Band12_1.4MHz_16QAM_23017_6RB#0



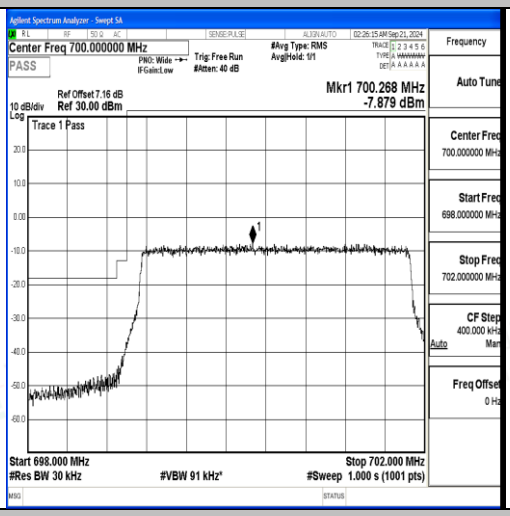
Band12_1.4MHz_QPSK_23173_6RB#0



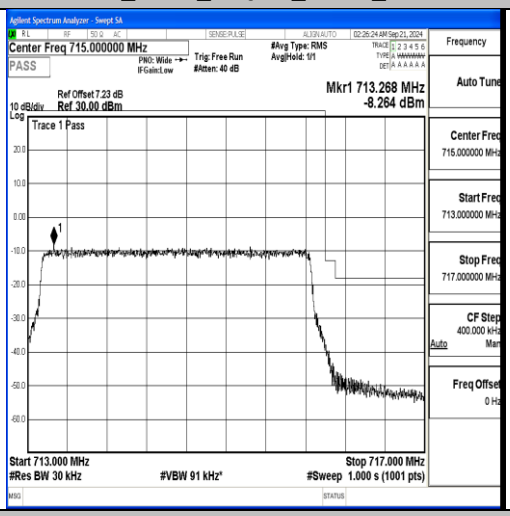
Band12_1.4MHz_16QAM_23173_6RB#0



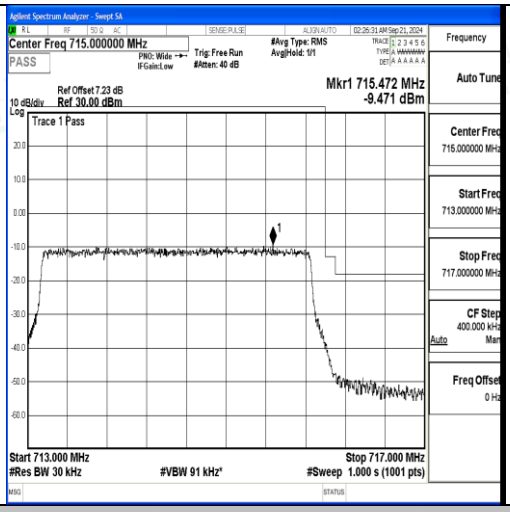
Band12_3MHz_QPSK_23025_15RB#0



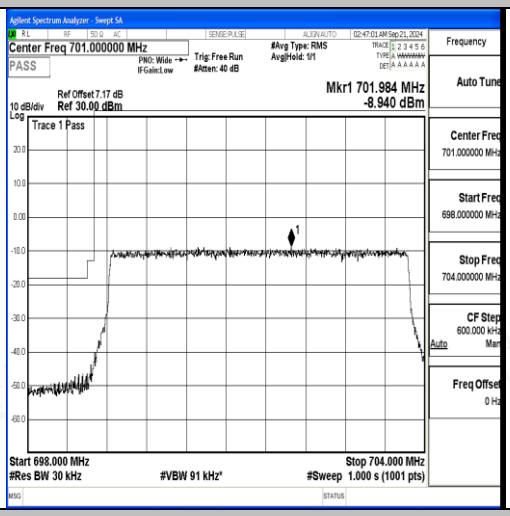
Band12_3MHz_16QAM_23025_15RB#0



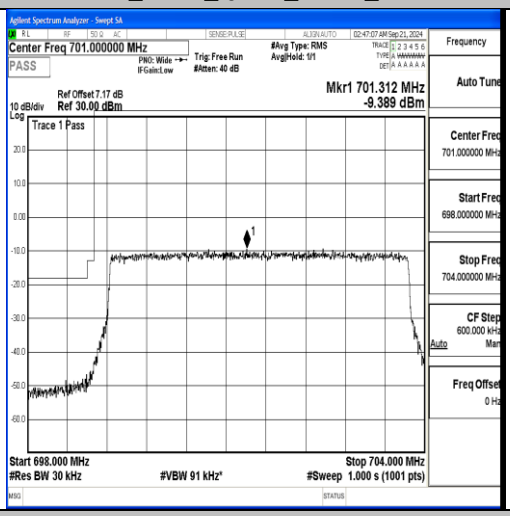
Band12_3MHz_QPSK_23165_15RB#0



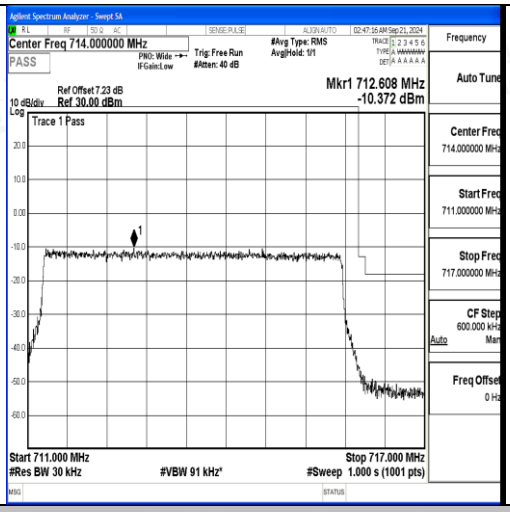
Band12_3MHz_16QAM_23165_15RB#0



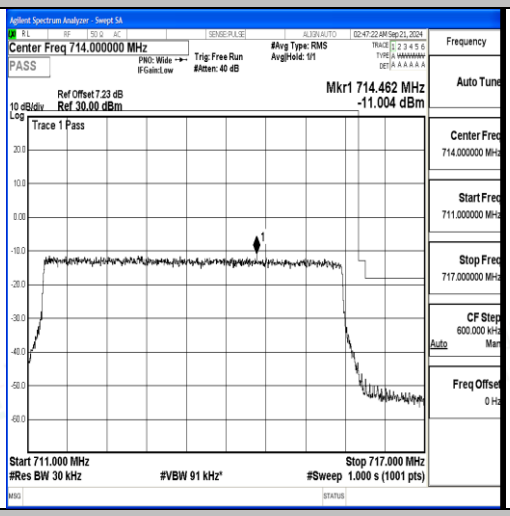
Band12_5MHz_QPSK_23035_25RB#0



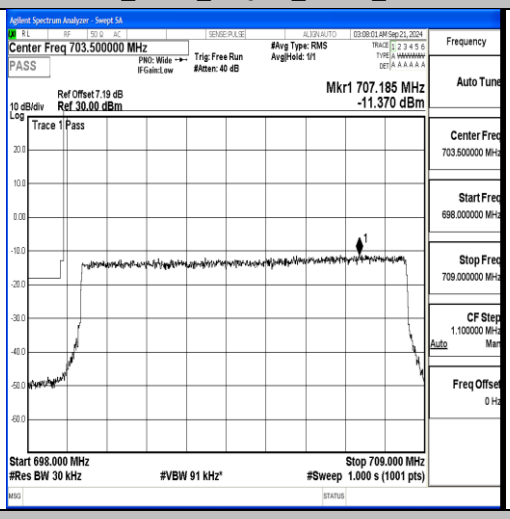
Band12_5MHz_16QAM_23035_25RB#0



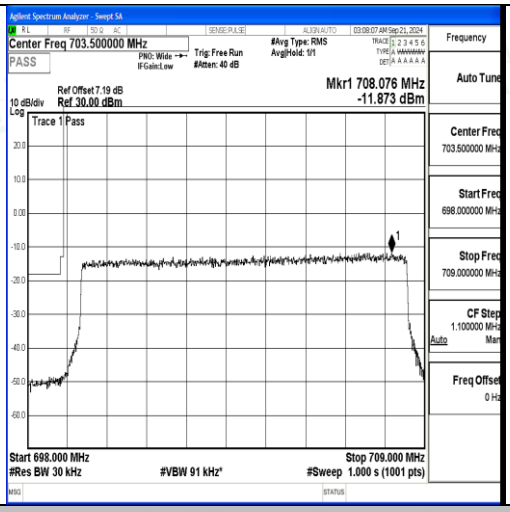
Band12_5MHz_QPSK_23155_25RB#0



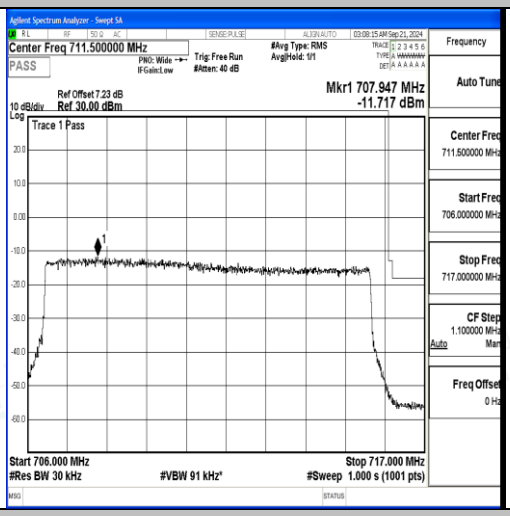
Band12_5MHz_16QAM_23155_25RB#0



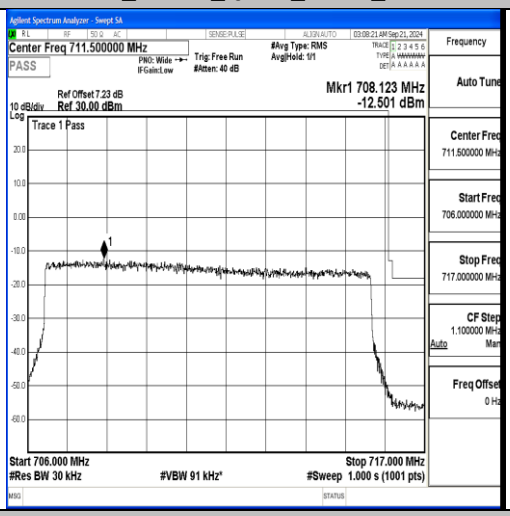
Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Band12_10MHz_16QAM_23130_50RB#0

J.5 Conducted Spurious Emission

Test Result

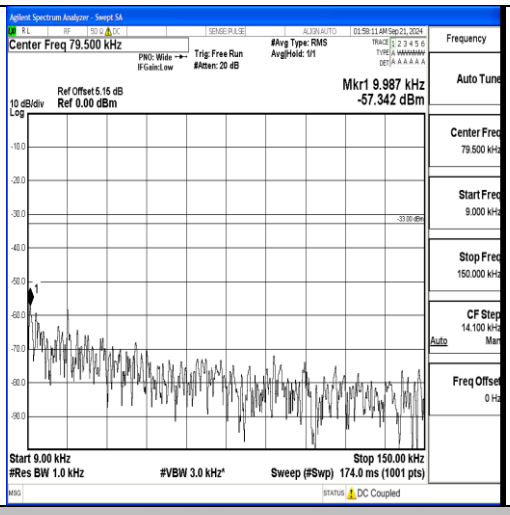
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-57.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-51.72	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-55.92	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-47.61	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.28	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-60.03	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-52.41	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-56.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-47.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-60.29	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-50.71	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-57.85	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-47.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.20	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-55.60	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-51.35	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-58.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-45.88	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-44.37	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-57.85	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.71	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-59.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-47.92	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-43.95	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-58.36	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-50.45	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-53.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-48.07	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.10	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-56.81	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-52.90	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-59.13	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-47.78	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.43	PASS

Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-59.40	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-52.17	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-60.09	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-47.87	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-44.51	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-58.39	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-51.07	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-60.45	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-45.60	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.15	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-57.53	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-52.88	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-59.00	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-47.83	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.01	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-56.60	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-50.05	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-59.02	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-47.86	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.28	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-58.61	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-51.64	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-60.28	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-47.91	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-44.24	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-57.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-52.62	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-62.29	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-48.01	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.22	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-56.53	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-53.47	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-62.30	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-47.45	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.42	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-55.31	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-52.86	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-62.10	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-47.80	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-43.79	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-57.79	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-51.25	PASS

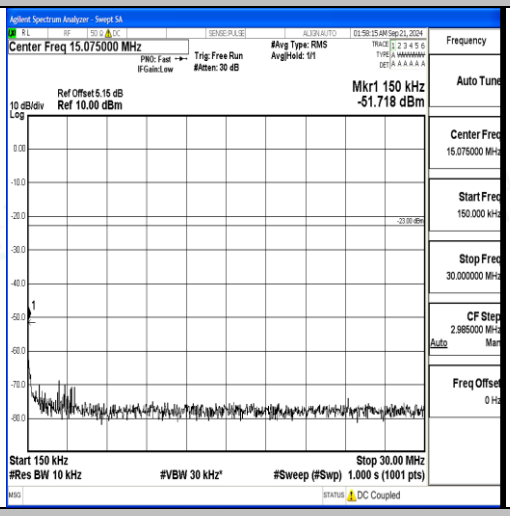
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-62.40	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-47.96	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.10	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.32	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-52.98	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-62.26	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-47.90	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.27	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-56.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-51.74	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-62.27	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-47.92	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-43.95	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-54.52	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-53.09	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.30	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-47.97	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-44.37	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-58.25	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-53.00	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.23	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-48.07	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.18	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-59.01	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-53.57	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.15	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-48.14	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-44.25	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-57.63	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-53.15	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-61.86	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-48.03	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-43.76	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-56.09	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-54.86	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-62.21	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-47.89	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-44.21	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-56.79	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-52.88	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-62.50	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-48.00	PASS

Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.17	PASS

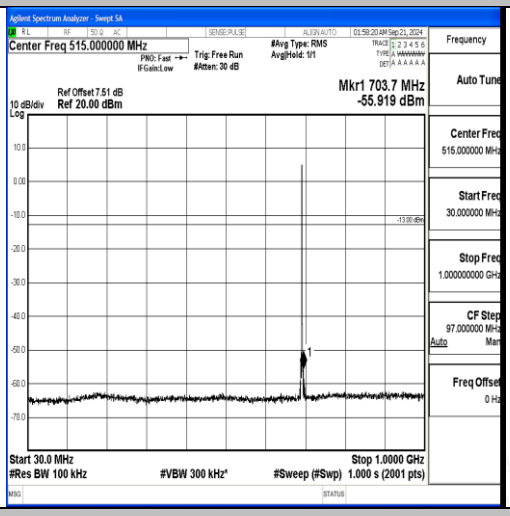
Test Graphs



Band12_1.4MHz_QPSK_23017_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23017_1RB#0_0.15~30_0.15~30



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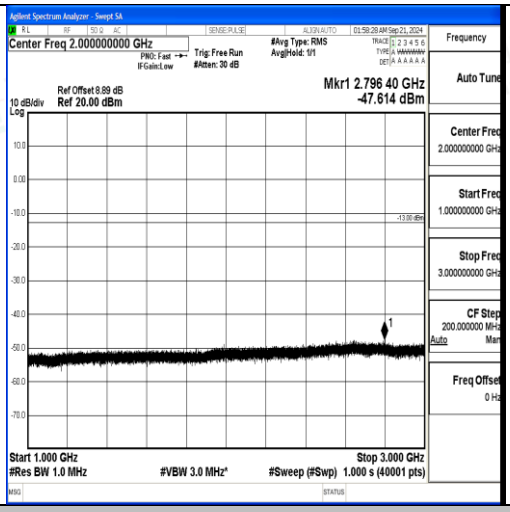
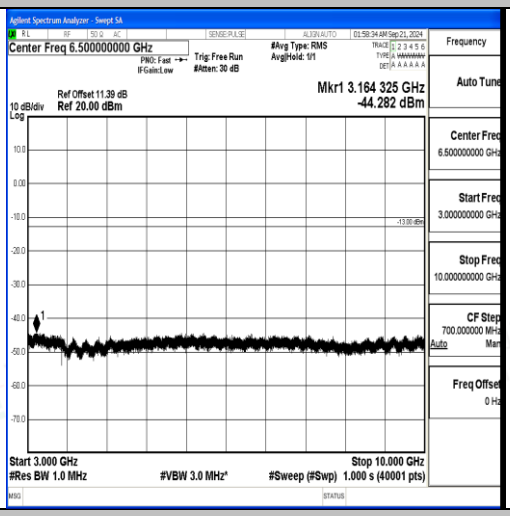


Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000



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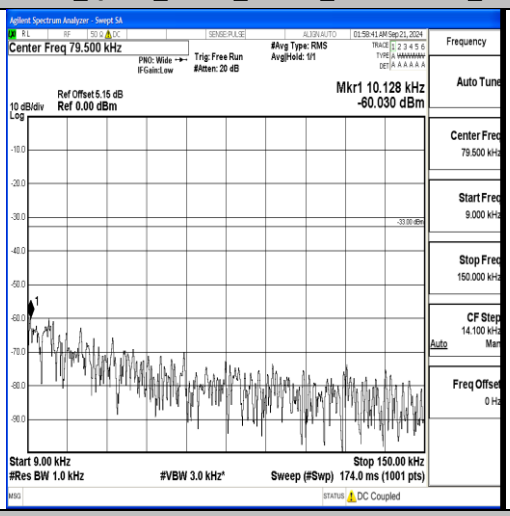

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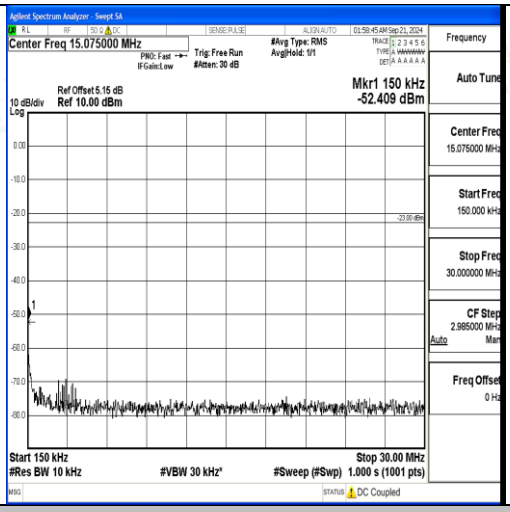

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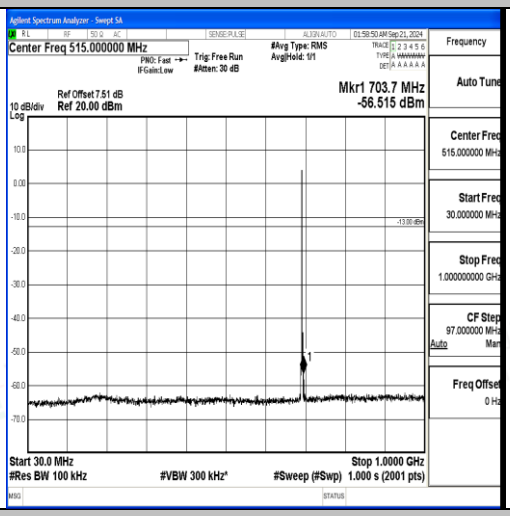

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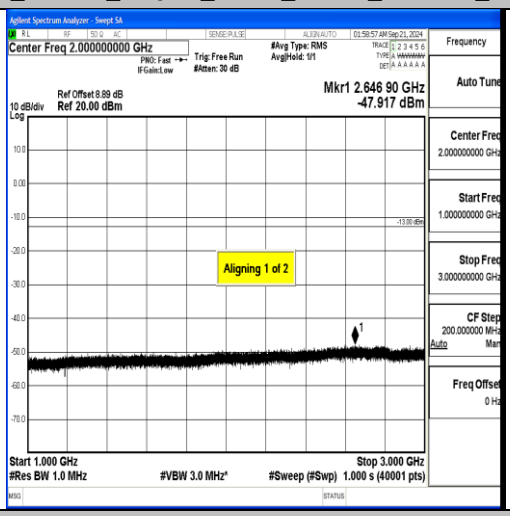
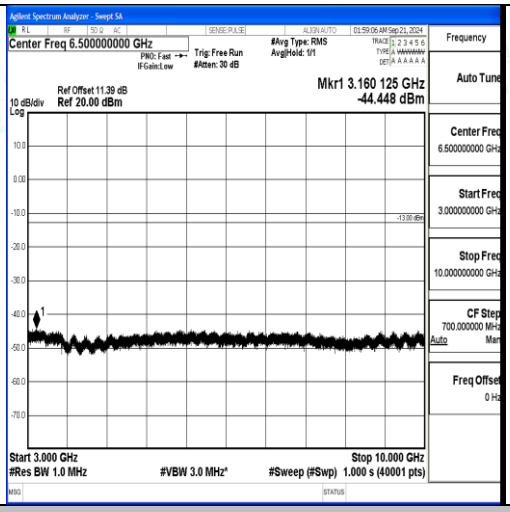
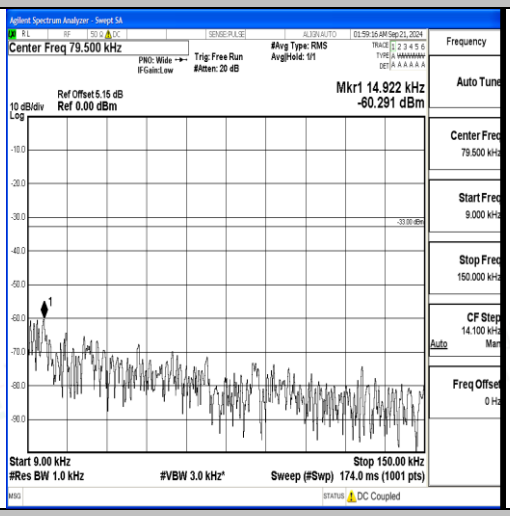


Band12_1.4MHz_16QAM_23017_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23017_1RB#0_3000~10000_3000~10000



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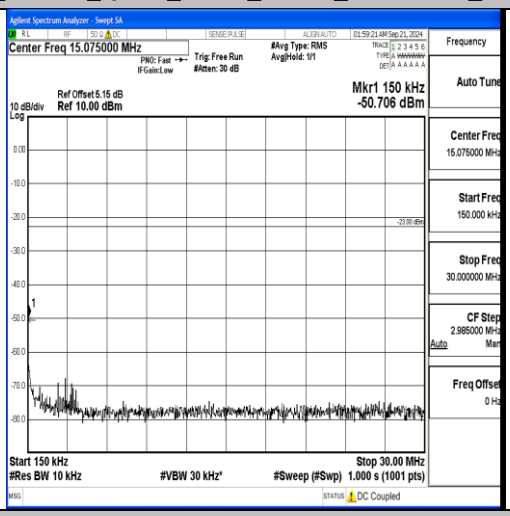
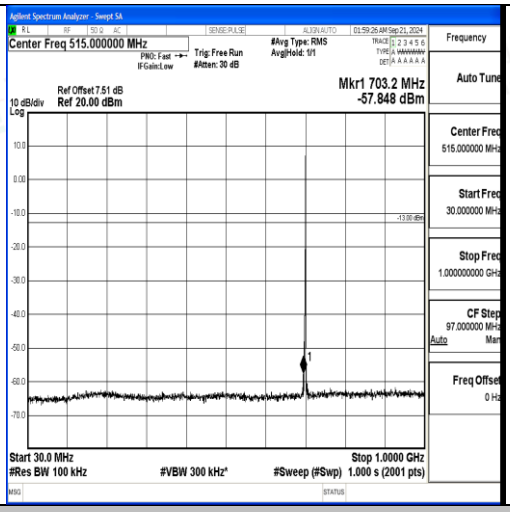
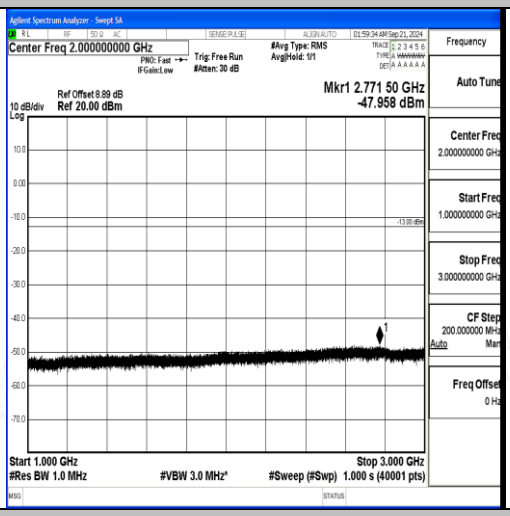


Band12_1.4MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_QPSK_23095_1RB#0_30~1000_30~1000



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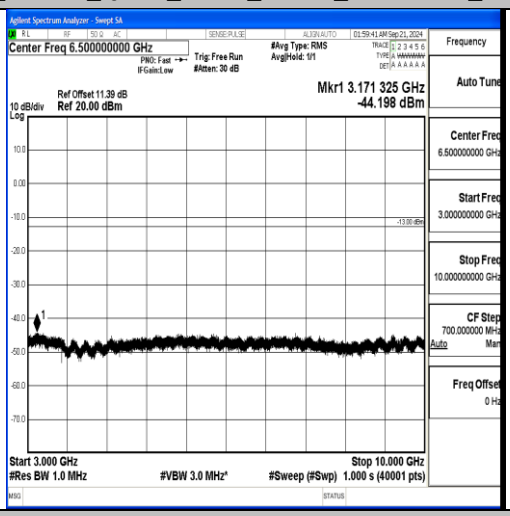

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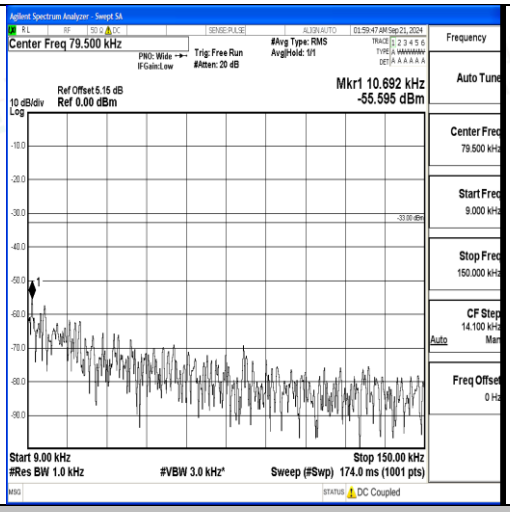
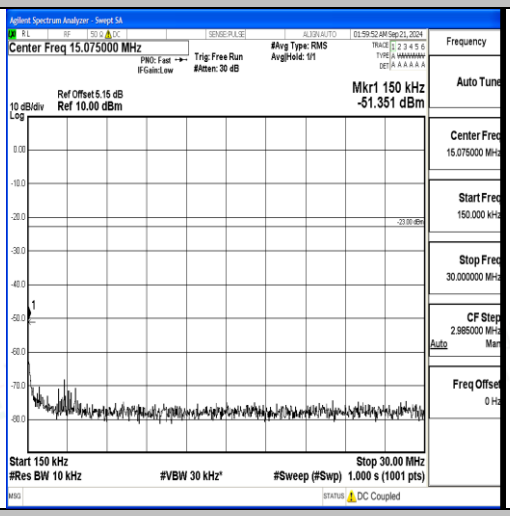


Band12_1.4MHz_16QAM_23095_1RB#0_0.009~0.15_0.009~0.15



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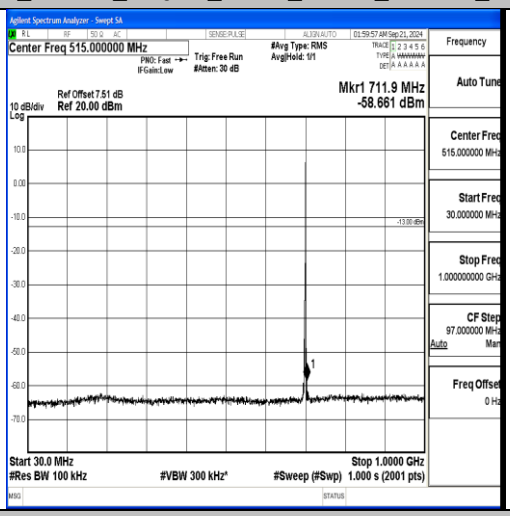
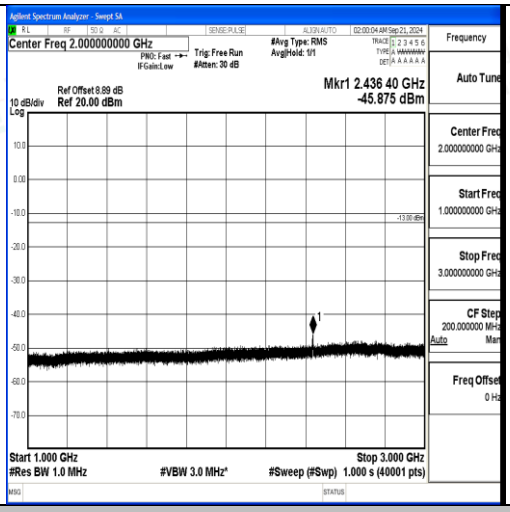
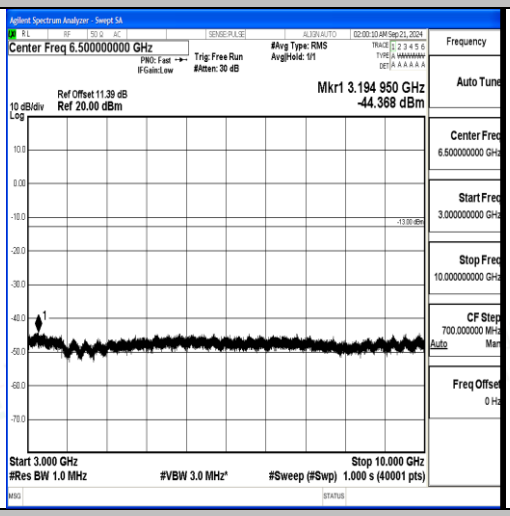


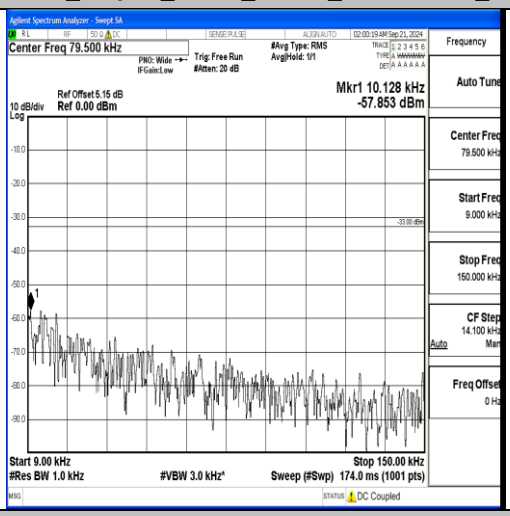
Band12_1.4MHz_16QAM_23095_1RB#0_30~1000_30~1000



Band12_1.4MHz_16QAM_23095_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23095_1RB#0_3000~10000_3000~10000



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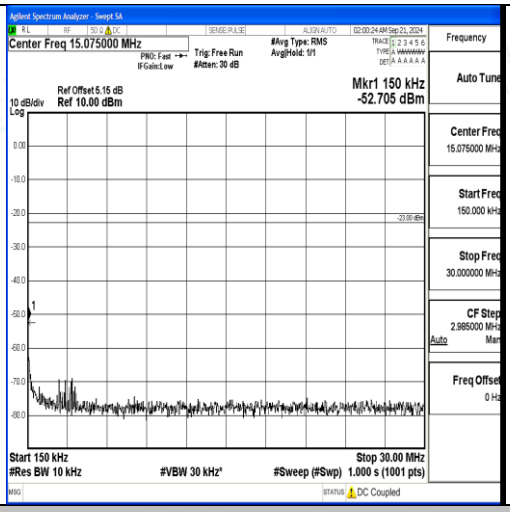

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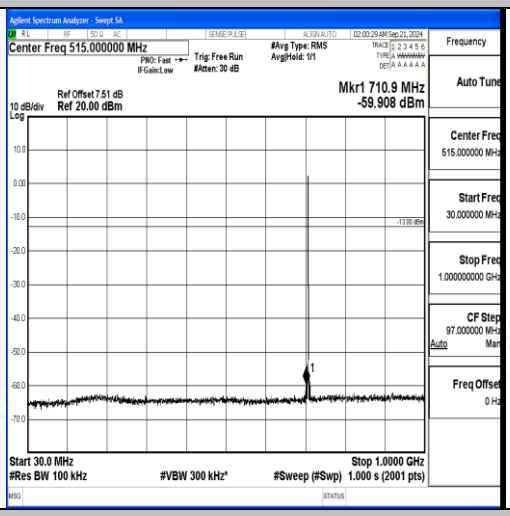

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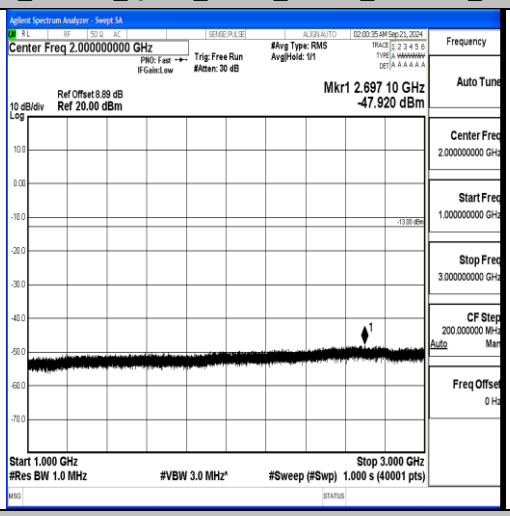

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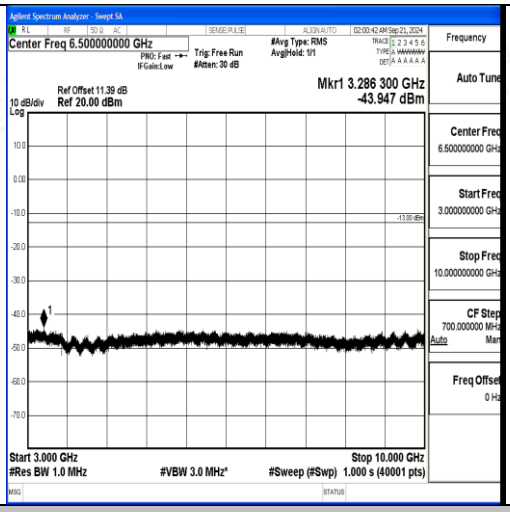

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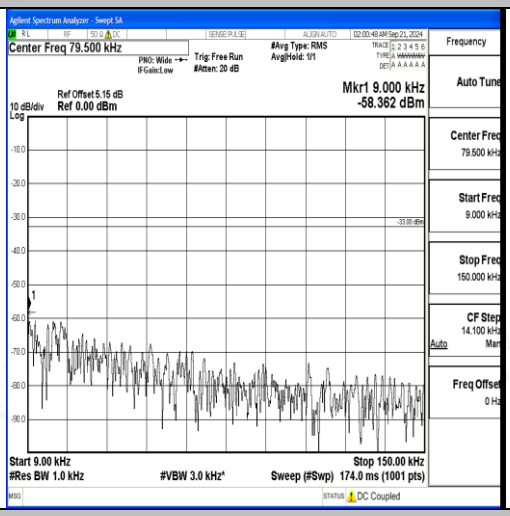

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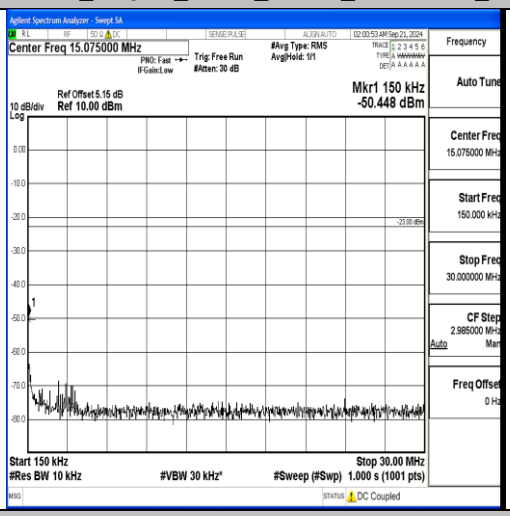
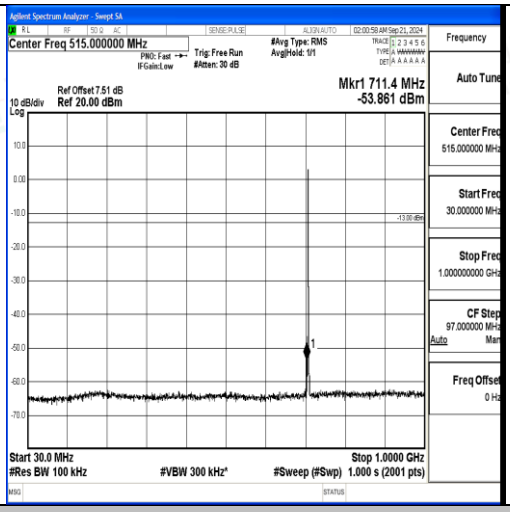
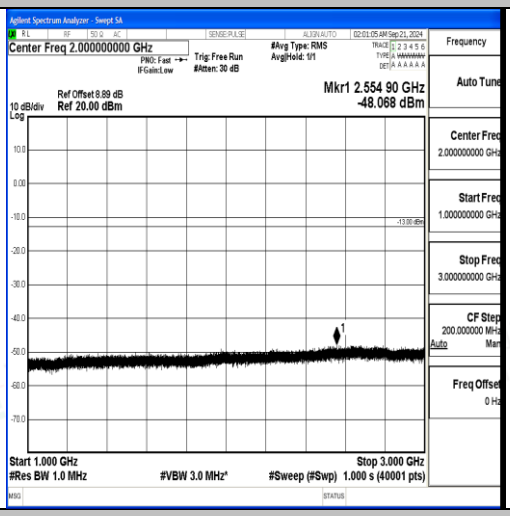


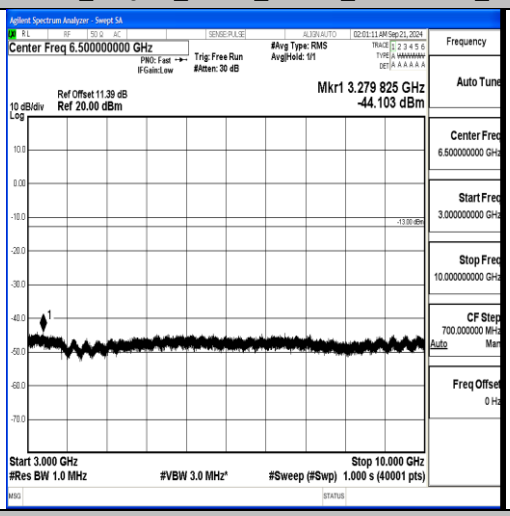
Band12_1.4MHz_16QAM_23173_1RB#0_0.15~30_0.15~30



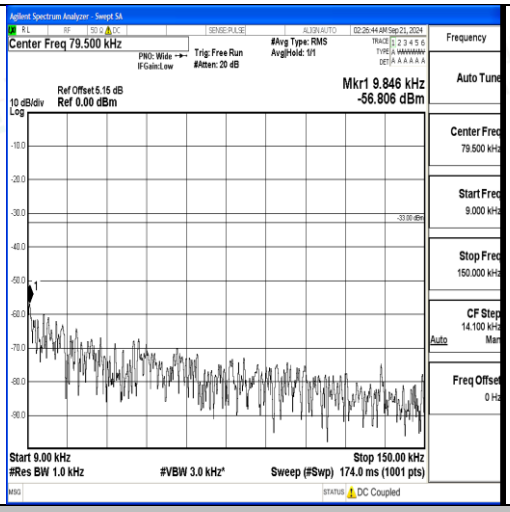
Band12_1.4MHz_16QAM_23173_1RB#0_30~1000_30~1000



Band12_1.4MHz_16QAM_23173_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23173_1RB#0_3000~10000_3000~10000



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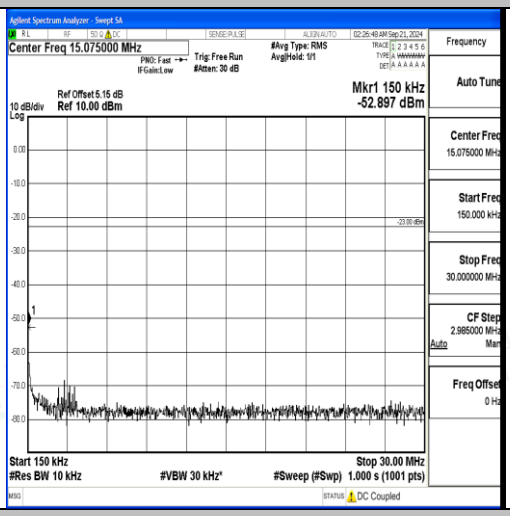

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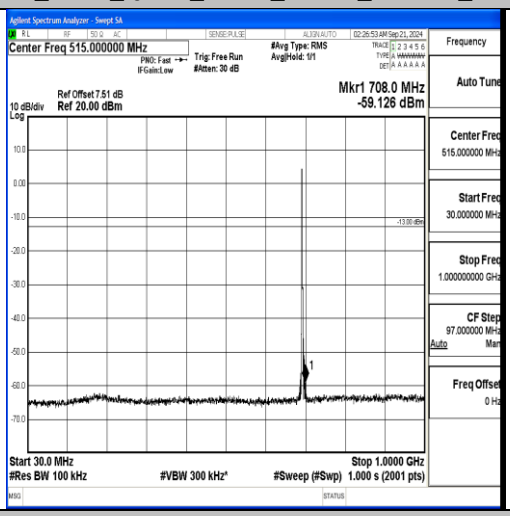
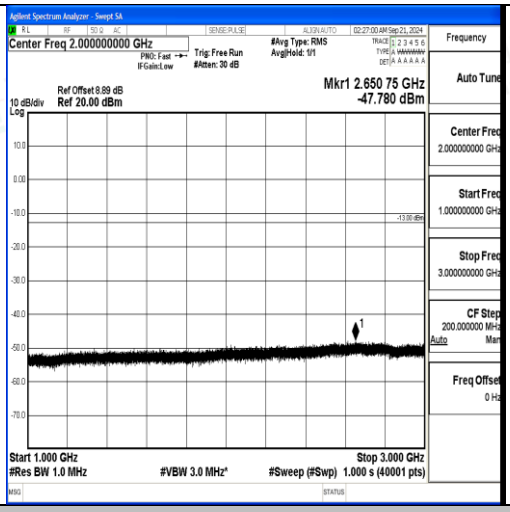
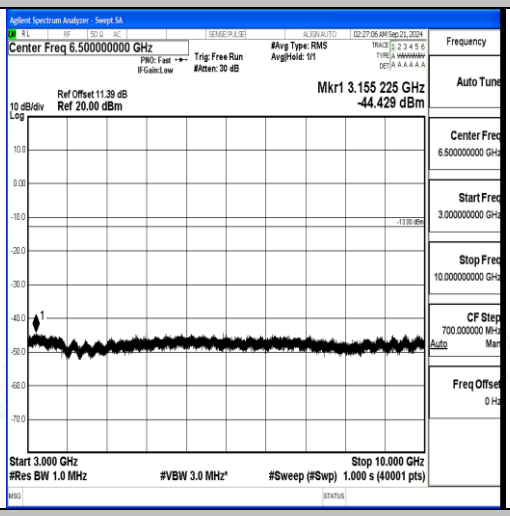


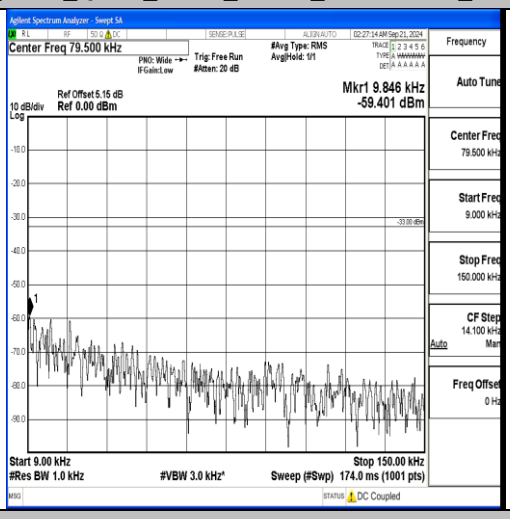
Band12_3MHz_QPSK_23025_1RB#0_30~1000_30~1000



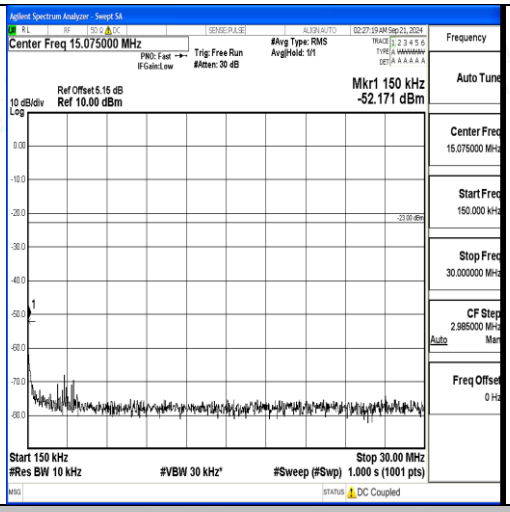
Band12_3MHz_QPSK_23025_1RB#0_1000~3000_1000~3000



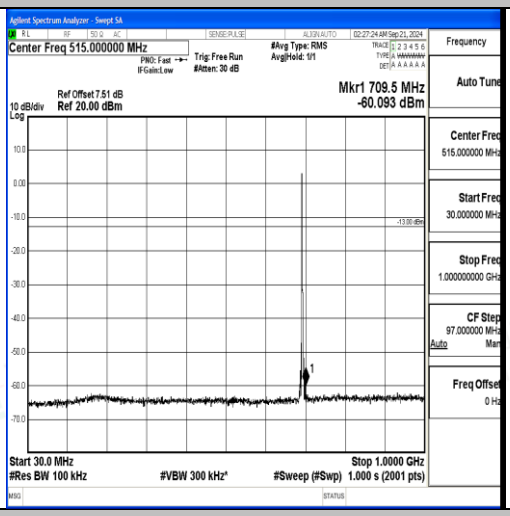
Band12_3MHz_QPSK_23025_1RB#0_3000~10000_3000~10000



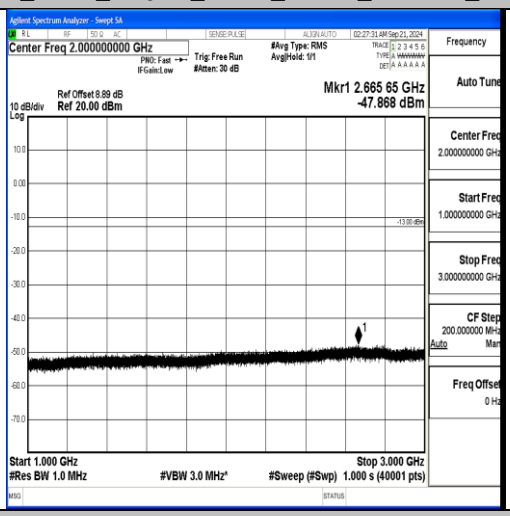
Band12_3MHz_16QAM_23025_1RB#0_0.009~0.15_0.009~0.15



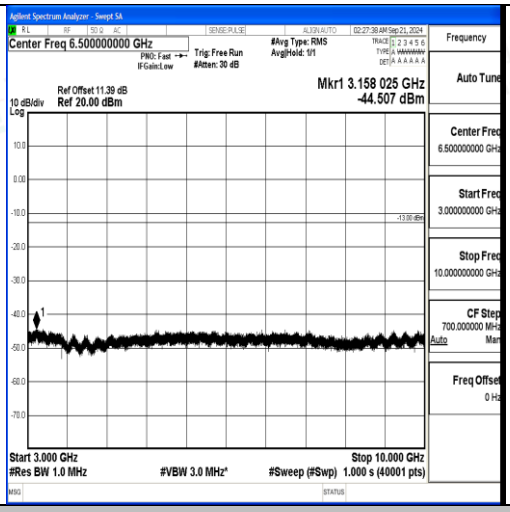
Band12_3MHz_16QAM_23025_1RB#0_0.15~30_0.15~30



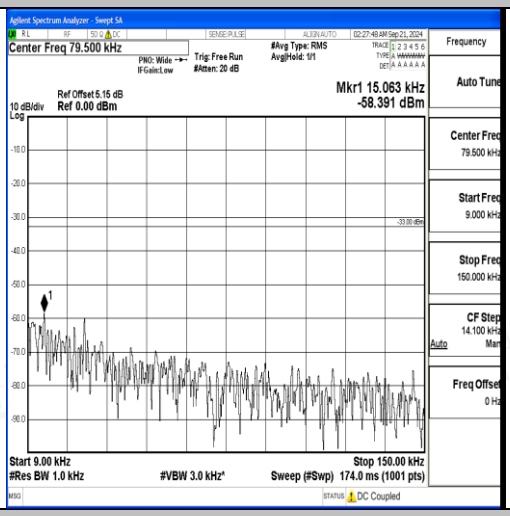
Band12_3MHz_16QAM_23025_1RB#0_30~1000_30~1000



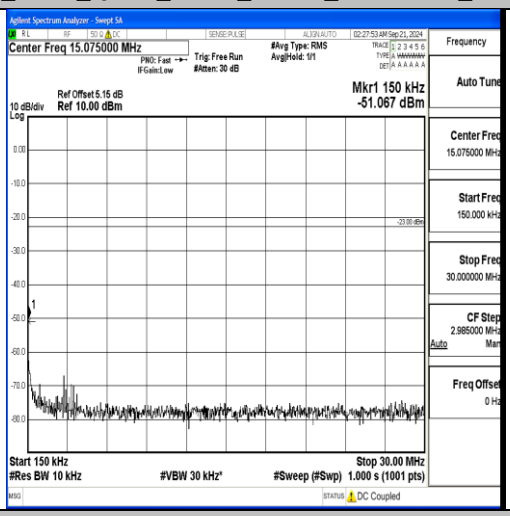
Band12_3MHz_16QAM_23025_1RB#0_1000~3000_1000~3000



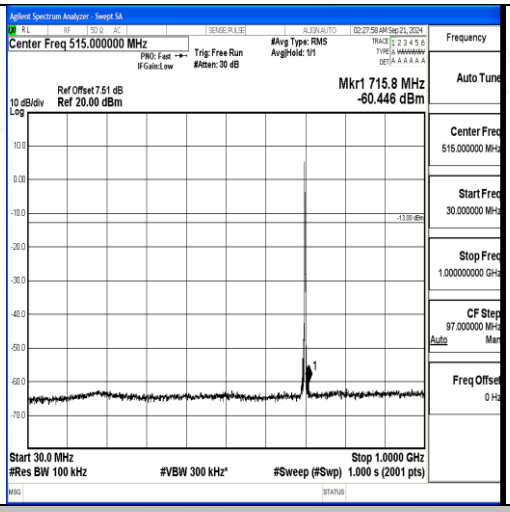
Band12_3MHz_16QAM_23025_1RB#0_3000~10000_3000~10000



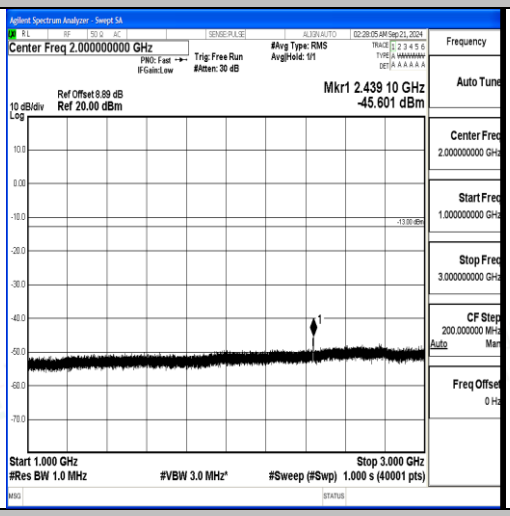
Band12_3MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



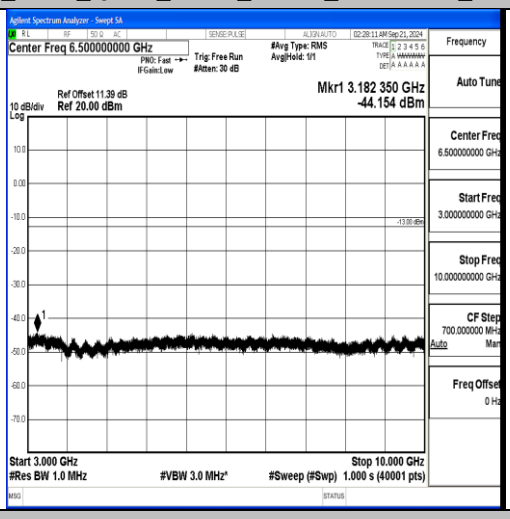
Band12_3MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



Band12_3MHz_QPSK_23095_1RB#0_30~1000_30~1000



Band12_3MHz_QPSK_23095_1RB#0_1000~3000_1000~3000



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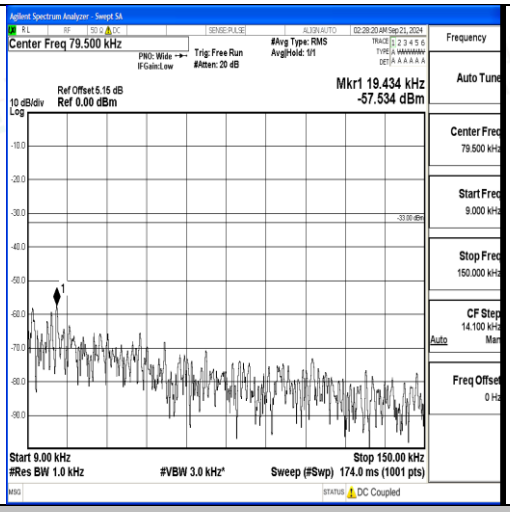
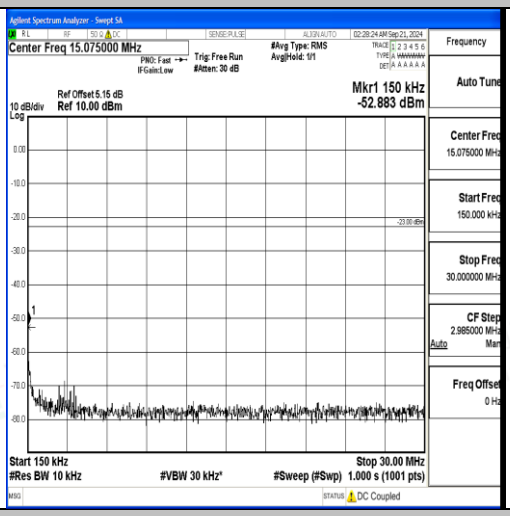
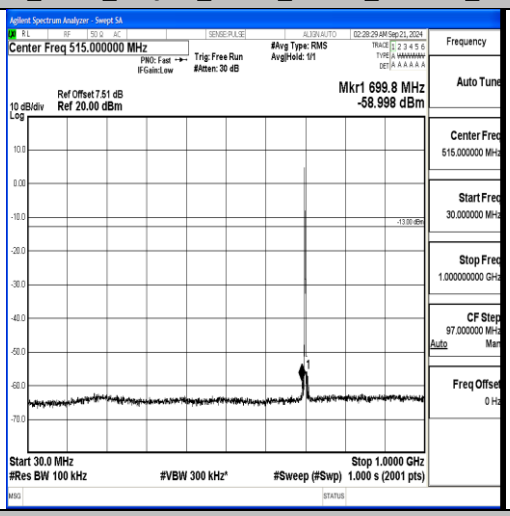


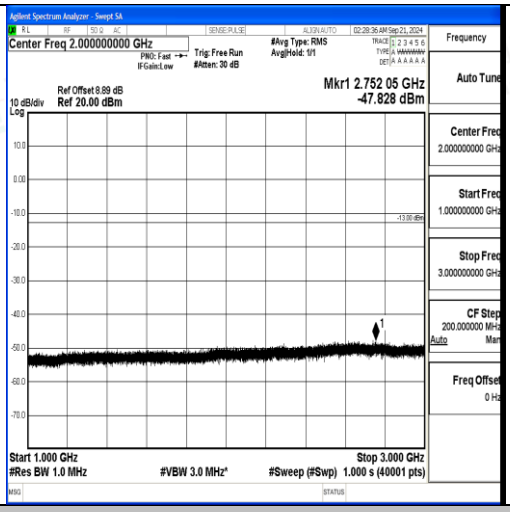
Band12_3MHz_16QAM_23095_1RB#0_0.009~0.15_0.009~0.15



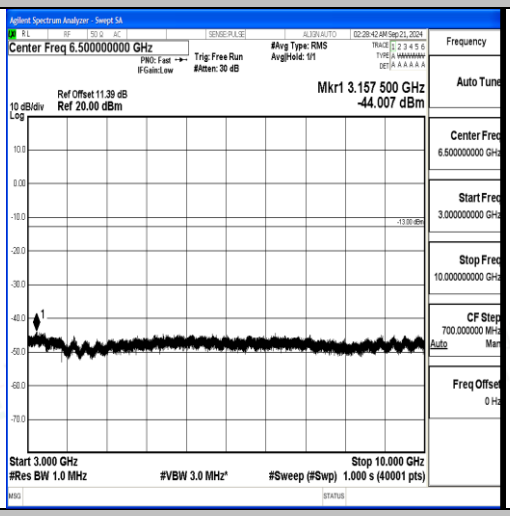
Band12_3MHz_16QAM_23095_1RB#0_0.15~30_0.15~30



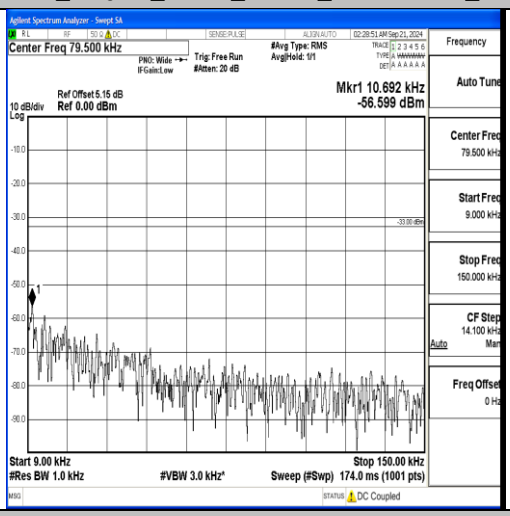
Band12_3MHz_16QAM_23095_1RB#0_30~1000_30~1000



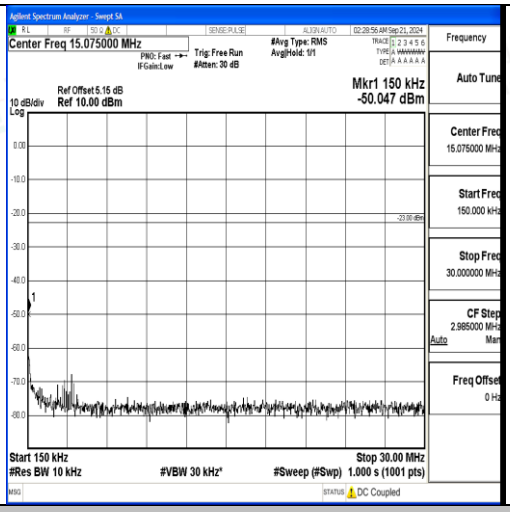
Band12_3MHz_16QAM_23095_1RB#0_1000~3000_1000~3000



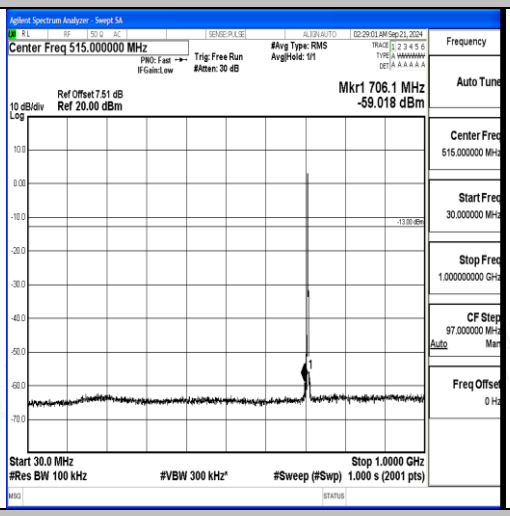
Band12_3MHz_16QAM_23095_1RB#0_3000~10000_3000~10000



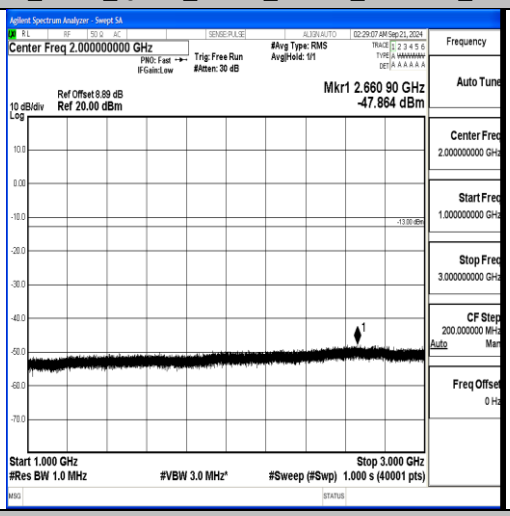
Band12_3MHz_QPSK_23165_1RB#0_0.009~0.15_0.009~0.15



Band12_3MHz_QPSK_23165_1RB#0_0.15~30_0.15~30



Band12_3MHz_QPSK_23165_1RB#0_30~1000_30~1000



Band12_3MHz_QPSK_23165_1RB#0_1000~3000_1000~3000