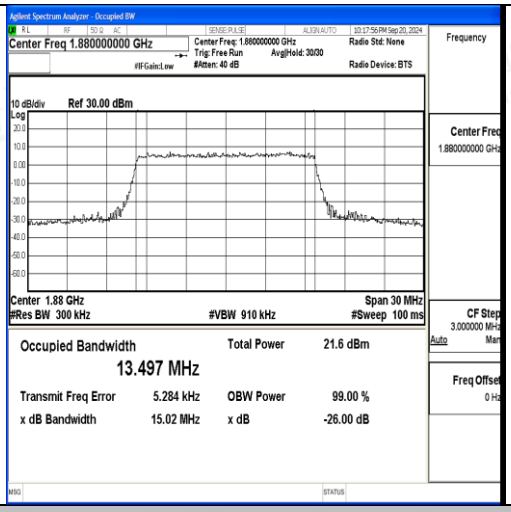
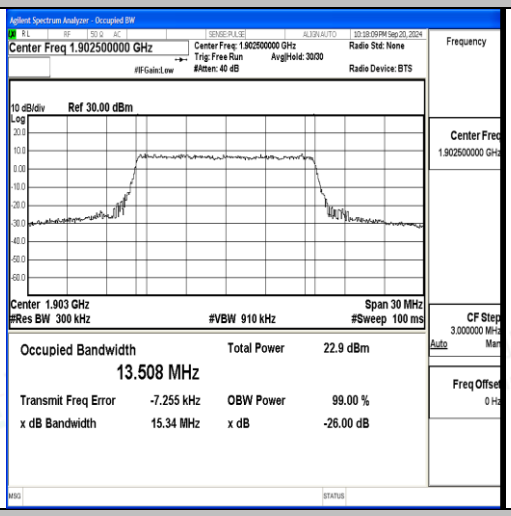
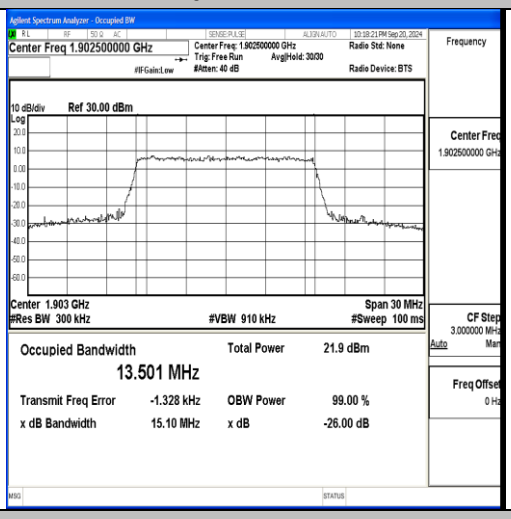


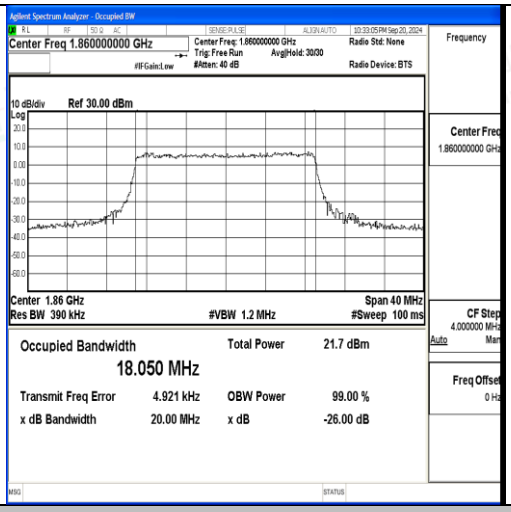
Band2-15MHz-16QAM-18900-75RB#0-PASS



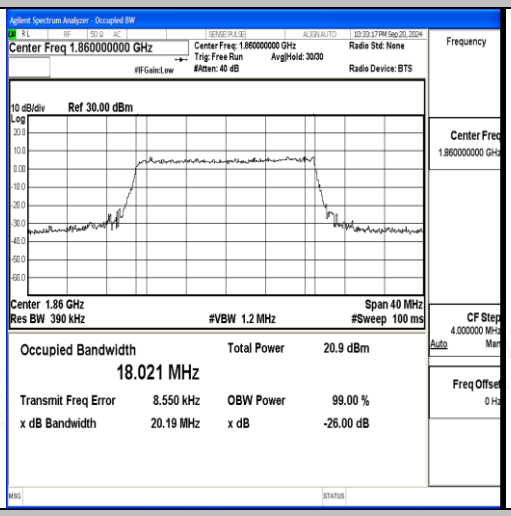
Band2-15MHz-QPSK-19125-75RB#0-PASS



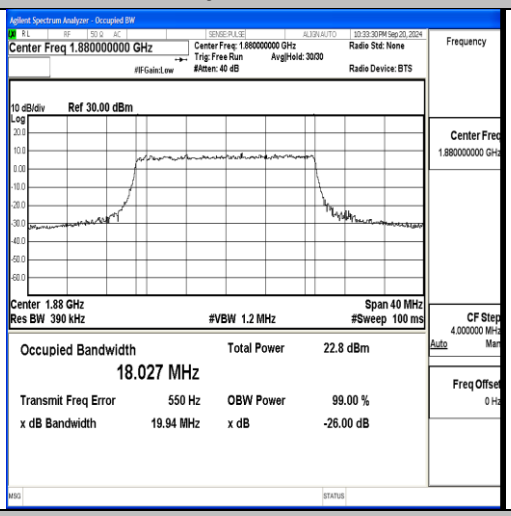
Band2-15MHz-16QAM-19125-75RB#0-PASS



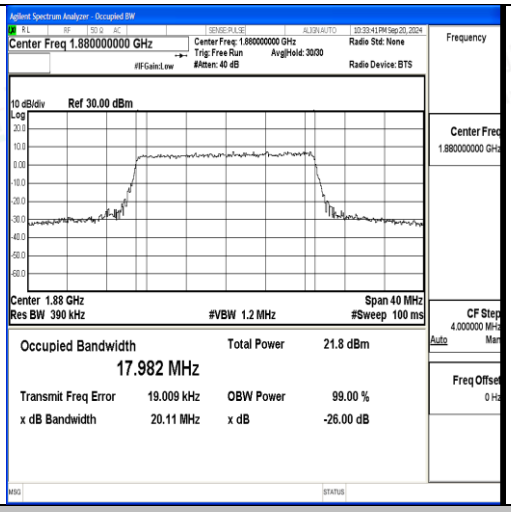
Band2-20MHz-QPSK-18700-100RB#0-PASS



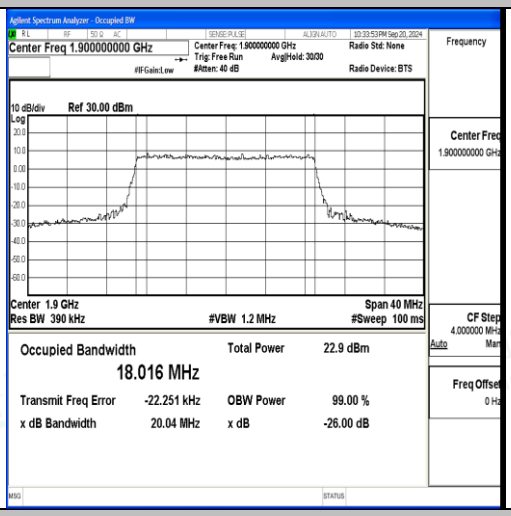
Band2-20MHz-16QAM-18700-100RB#0-PASS



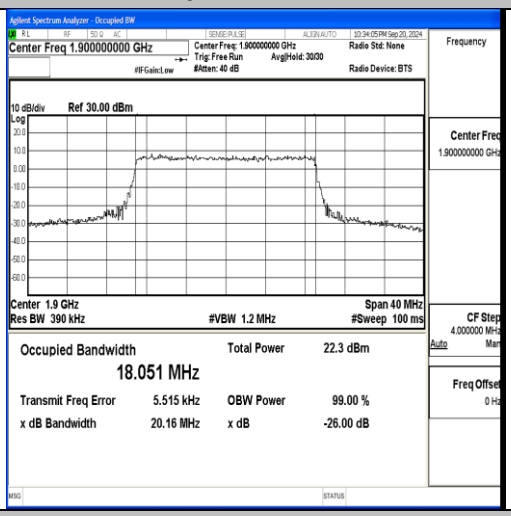
Band2-20MHz-QPSK-18900-100RB#0-PASS



Band2-20MHz-16QAM-18900-100RB#0-PASS



Band2-20MHz-QPSK-19100-100RB#0-PASS



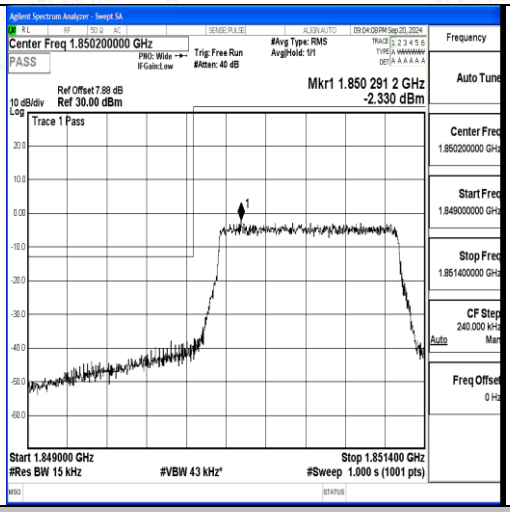
Band2-20MHz-16QAM-19100-100RB#0-PASS

G.4 Band Edge

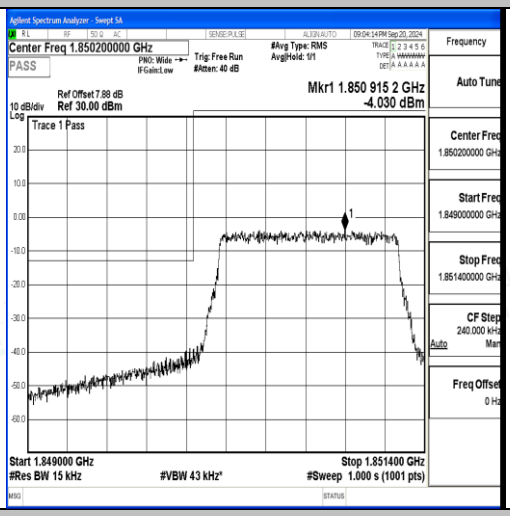
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1849.87	-38.06	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1849.98	-39.02	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1910.08	-34.77	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1910.03	-35.69	PASS
Band2	3MHz	QPSK	18615	15RB#0	1850.00	-31.76	PASS
Band2	3MHz	16QAM	18615	15RB#0	1849.99	-33.98	PASS
Band2	3MHz	QPSK	19185	15RB#0	1910.00	-28.96	PASS
Band2	3MHz	16QAM	19185	15RB#0	1910.01	-31.63	PASS
Band2	5MHz	QPSK	18625	25RB#0	1849.99	-36.66	PASS
Band2	5MHz	16QAM	18625	25RB#0	1850.00	-39.03	PASS
Band2	5MHz	QPSK	19175	25RB#0	1910.02	-35.09	PASS
Band2	5MHz	16QAM	19175	25RB#0	1910.00	-35.26	PASS
Band2	10MHz	QPSK	18650	50RB#0	1849.99	-41.17	PASS
Band2	10MHz	16QAM	18650	50RB#0	1849.99	-39.39	PASS
Band2	10MHz	QPSK	19150	50RB#0	1910.60	-37.20	PASS
Band2	10MHz	16QAM	19150	50RB#0	1910.02	-39.72	PASS
Band2	15MHz	QPSK	18675	75RB#0	1849.96	-40.66	PASS
Band2	15MHz	16QAM	18675	75RB#0	1849.98	-43.11	PASS
Band2	15MHz	QPSK	19125	75RB#0	1910.01	-37.41	PASS
Band2	15MHz	16QAM	19125	75RB#0	1910.09	-39.65	PASS
Band2	20MHz	QPSK	18700	100RB#0	1849.97	-42.65	PASS
Band2	20MHz	16QAM	18700	100RB#0	1849.82	-43.64	PASS
Band2	20MHz	QPSK	19100	100RB#0	1910.14	-37.98	PASS
Band2	20MHz	16QAM	19100	100RB#0	1910.06	-40.44	PASS

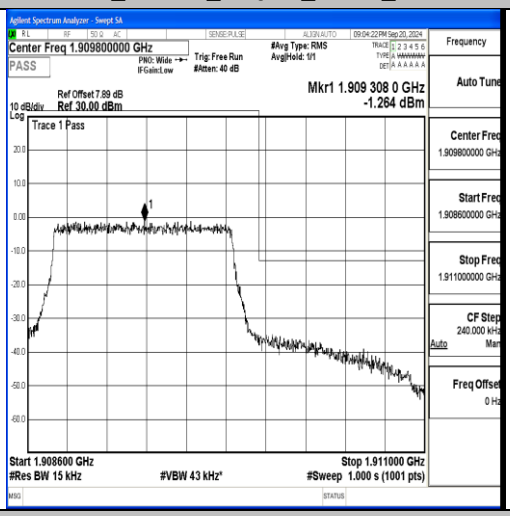
Test Graphs



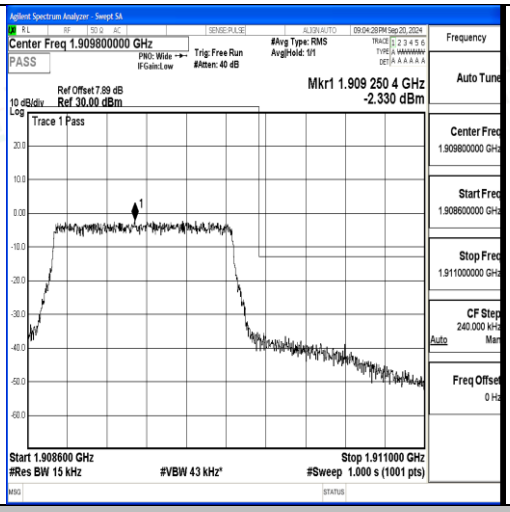
Band2_1.4MHz_QPSK_18607_6RB#0



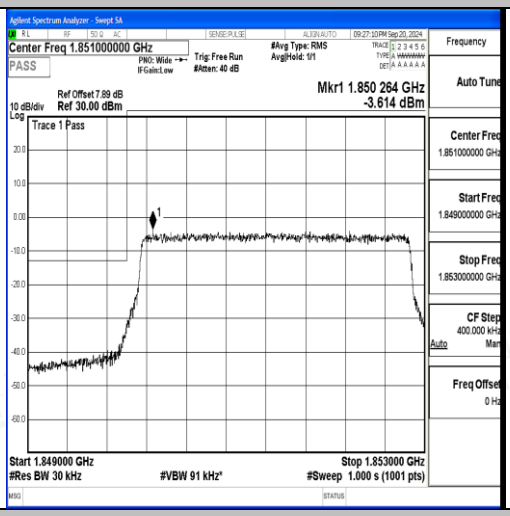
Band2_1.4MHz_16QAM_18607_6RB#0



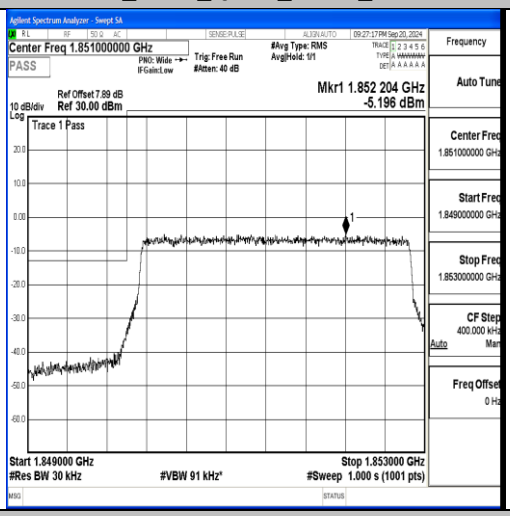
Band2_1.4MHz_QPSK_19193_6RB#0



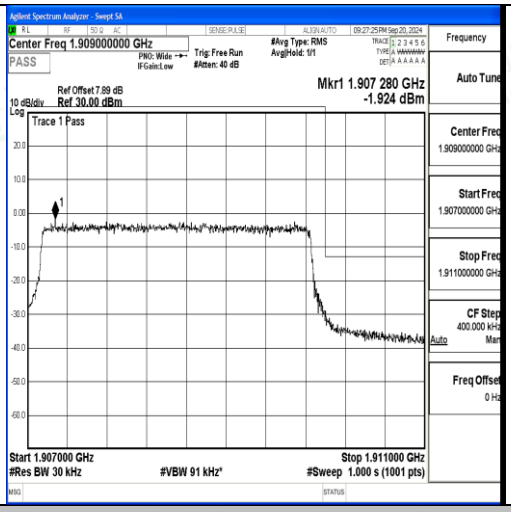
Band2_1.4MHz_16QAM_19193_6RB#0



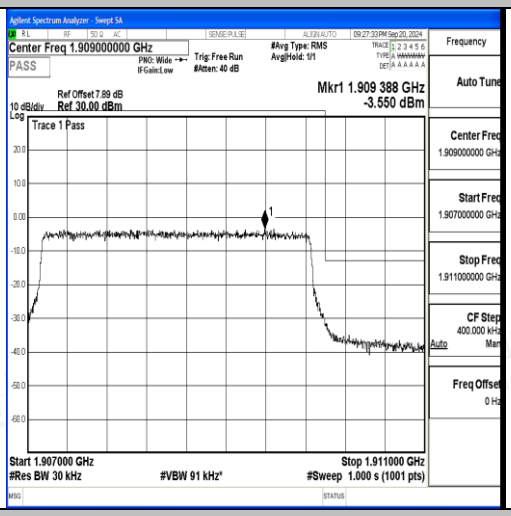
Band2_3MHz_QPSK_18615_15RB#0



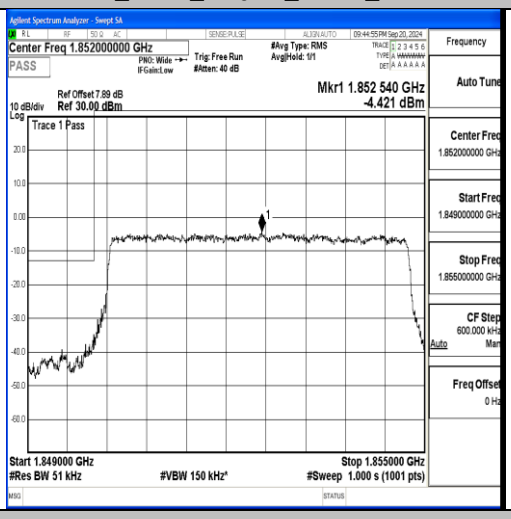
Band2_3MHz_16QAM_18615_15RB#0



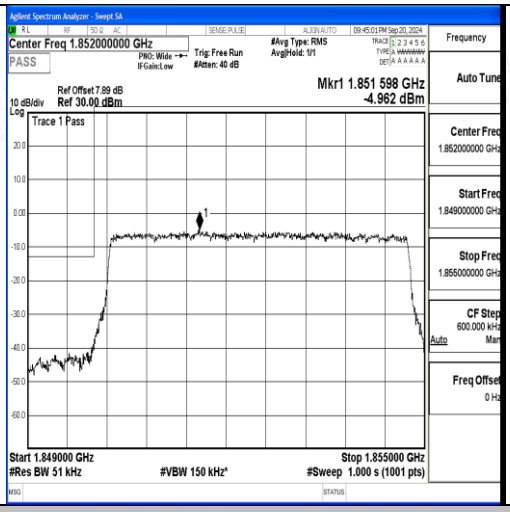
Band2_3MHz_QPSK_19185_15RB#0



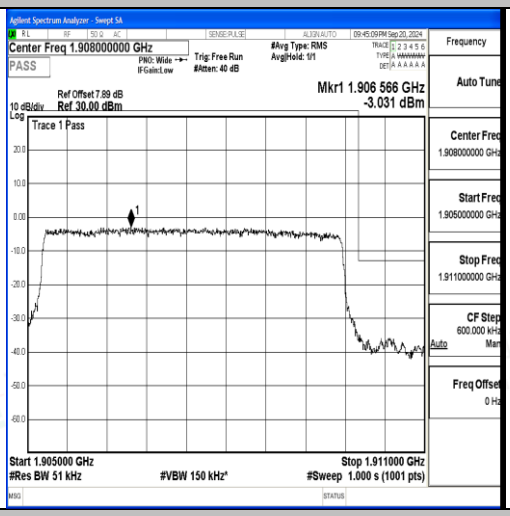
Band2_3MHz_16QAM_19185_15RB#0



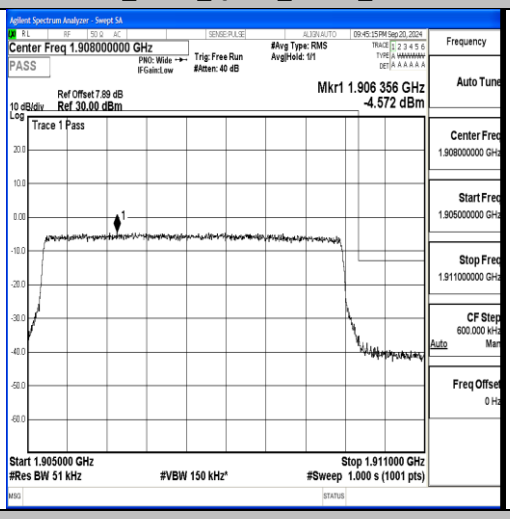
Band2_5MHz_QPSK_18625_25RB#0



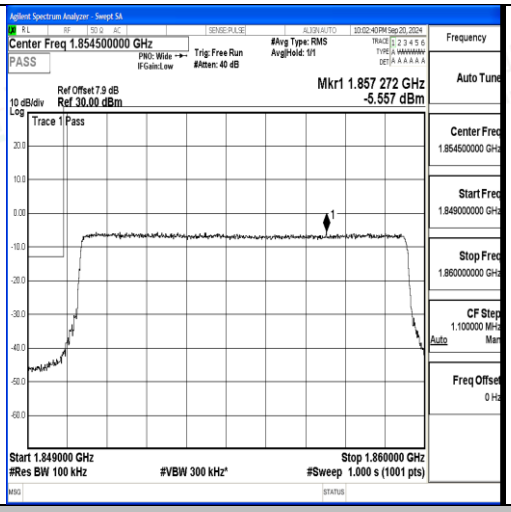
Band2_5MHz_16QAM_18625_25RB#0



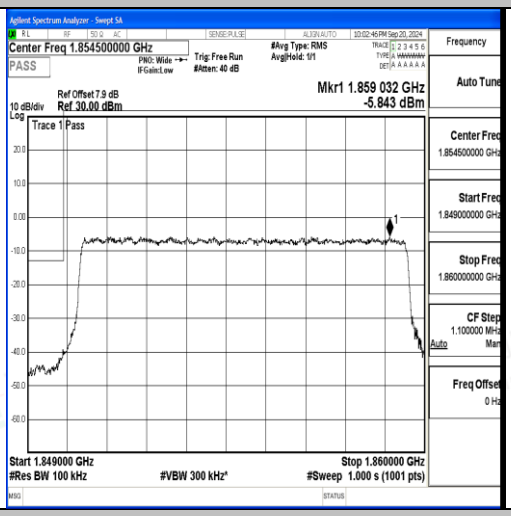
Band2_5MHz_QPSK_19175_25RB#0



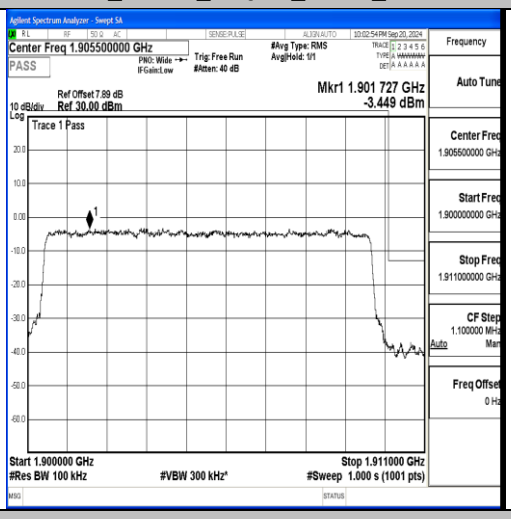
Band2_5MHz_16QAM_19175_25RB#0



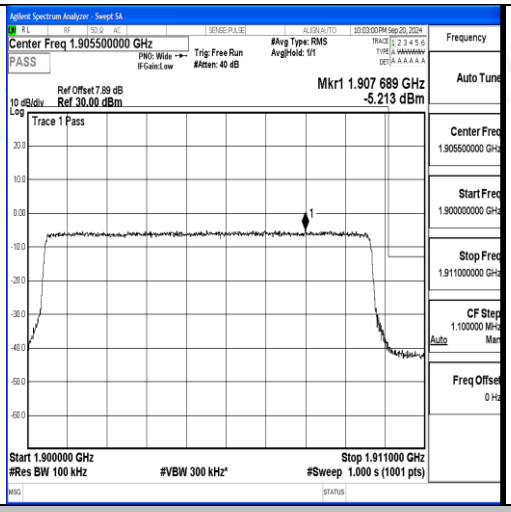
Band2_10MHz_QPSK_18650_50RB#0



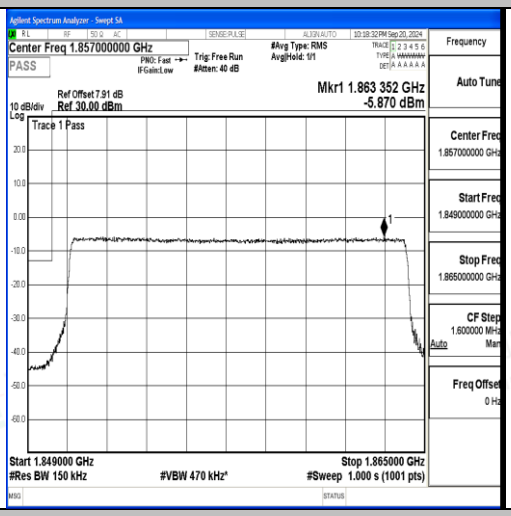
Band2_10MHz_16QAM_18650_50RB#0



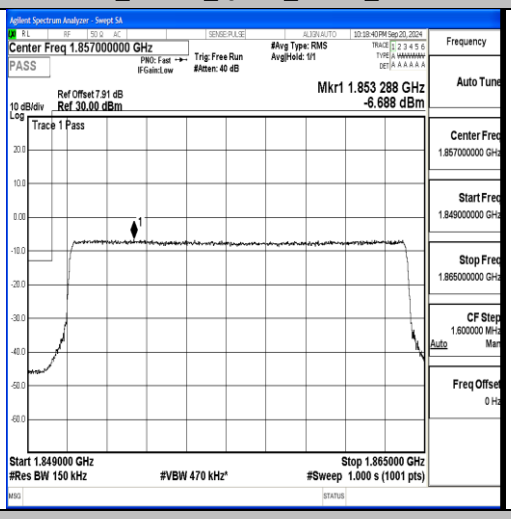
Band2_10MHz_QPSK_19150_50RB#0



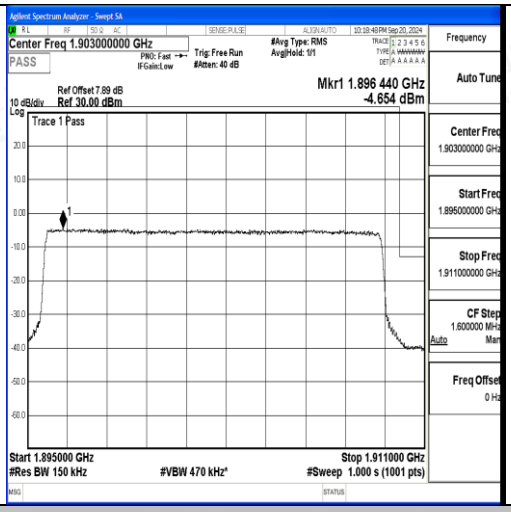
Band2_10MHz_16QAM_19150_50RB#0



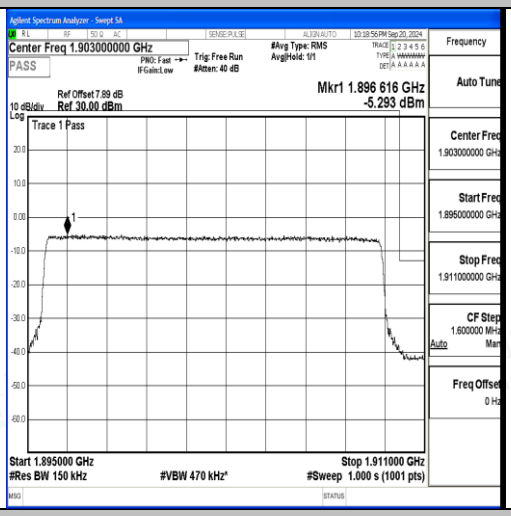
Band2_15MHz_QPSK_18675_75RB#0



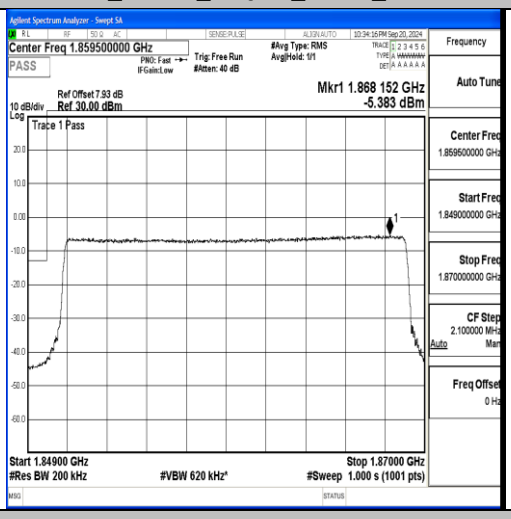
Band2_15MHz_16QAM_18675_75RB#0



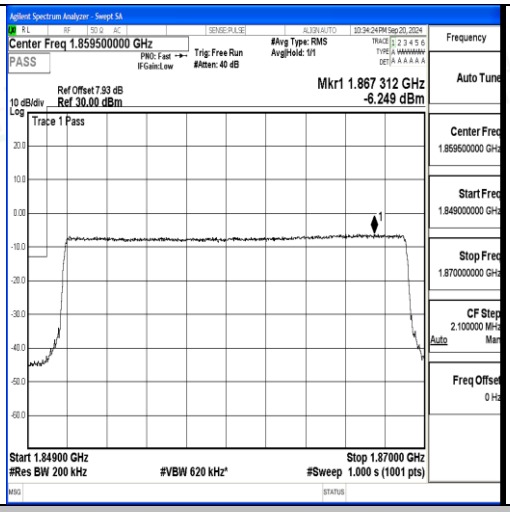
Band2_15MHz_QPSK_19125_75RB#0



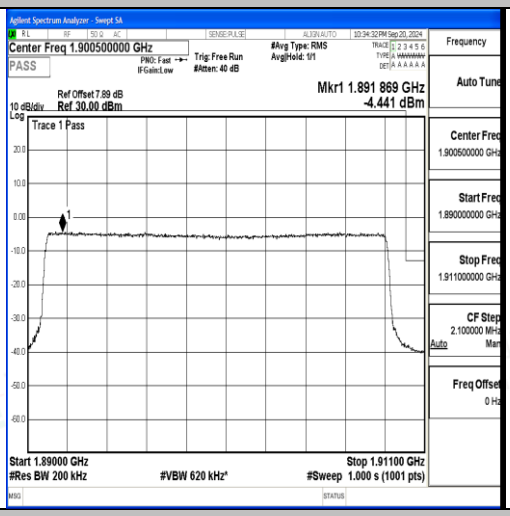
Band2_15MHz_16QAM_19125_75RB#0



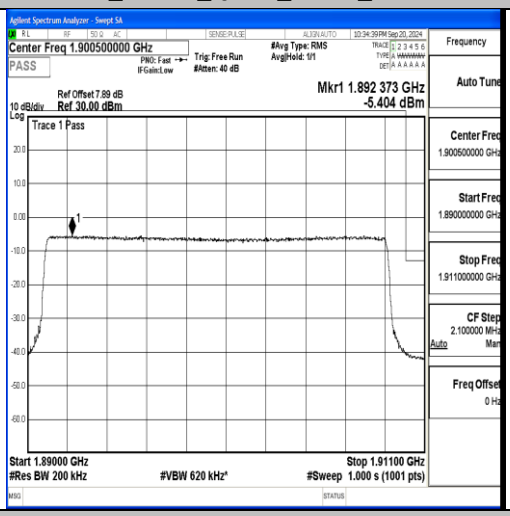
Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_16QAM_18700_100RB#0



Band2_20MHz_QPSK_19100_100RB#0



Band2_20MHz_16QAM_19100_100RB#0

G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-58.49	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-51.48	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-62.24	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-30.11	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-33.46	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-54.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-50.98	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-62.28	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-34.90	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-32.81	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-56.47	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-54.10	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-61.92	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-32.09	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.18	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-58.36	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-52.87	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-62.29	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-30.55	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-33.09	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-58.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-52.81	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-62.34	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-31.50	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-33.32	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-58.05	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-50.85	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-62.26	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-29.84	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-32.85	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-56.38	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-54.01	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-61.72	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-34.74	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.09	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-57.35	PASS

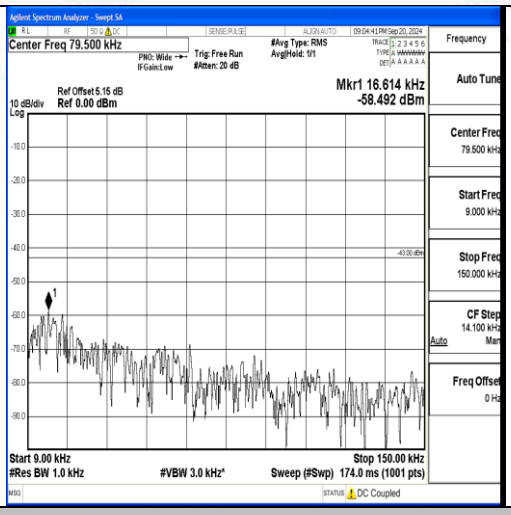
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-51.99	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-62.12	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-35.38	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.08	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-57.50	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-51.77	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-62.12	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-34.36	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-32.68	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-57.78	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-52.82	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-62.23	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-32.98	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-33.30	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-57.17	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-52.52	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-62.31	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-32.39	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.22	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-59.07	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-51.72	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-62.25	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-32.65	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-33.05	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-60.88	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-53.33	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-61.95	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-46.73	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-33.30	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-58.35	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-50.17	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-62.35	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-44.76	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.34	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-58.27	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-52.66	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-62.29	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-45.65	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-33.53	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-55.20	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-51.15	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-62.12	PASS

Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-47.59	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-33.40	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-60.96	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-54.95	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-62.17	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-47.15	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-33.19	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-57.55	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-52.09	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-62.12	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-43.77	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-33.25	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-57.10	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-51.87	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-62.14	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-47.75	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-33.30	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-59.09	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-51.28	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-62.41	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-48.03	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-32.89	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-57.91	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-50.80	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-62.30	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-48.07	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-33.09	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-57.18	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-52.21	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-62.09	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-47.77	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-33.06	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-56.91	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-52.59	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-62.13	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-47.80	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.35	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-57.40	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-52.76	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-62.11	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.90	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-32.98	PASS

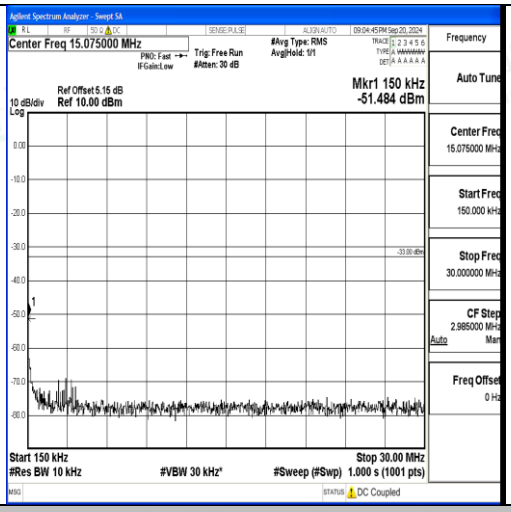
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-58.12	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-50.93	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-62.21	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-47.16	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-32.78	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-57.45	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-51.79	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-62.24	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-47.67	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.13	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-57.23	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-52.15	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-62.25	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-48.02	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-33.17	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-56.65	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-51.99	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-62.27	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-45.76	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-33.40	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-58.48	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-51.36	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-61.97	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-47.89	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.11	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-58.25	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-52.68	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-62.21	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-47.82	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-33.18	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-57.08	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-53.14	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-62.21	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-46.52	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.08	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-56.26	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-52.32	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-62.24	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-47.46	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-33.02	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-59.48	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-51.55	PASS

Band2	20MHz	QPSK	18900	1RB#0	30~1000	-62.19	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-47.67	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-32.93	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-59.99	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-51.75	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-62.20	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-48.07	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-33.46	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-59.85	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-54.53	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-62.25	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-47.81	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-32.48	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-56.13	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-52.96	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-62.41	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-47.66	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-33.49	PASS

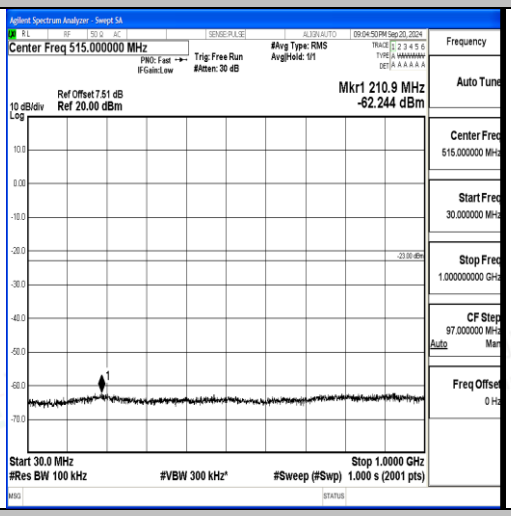
Test Graphs



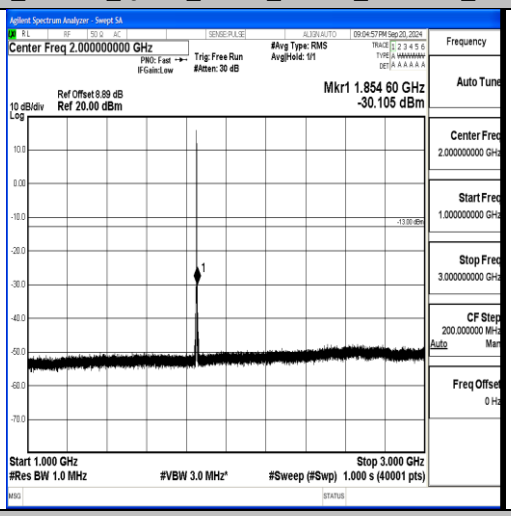
Band2_1.4MHz_QPSK_18607_1RB#0_0.009~0.15_0.009~0.15



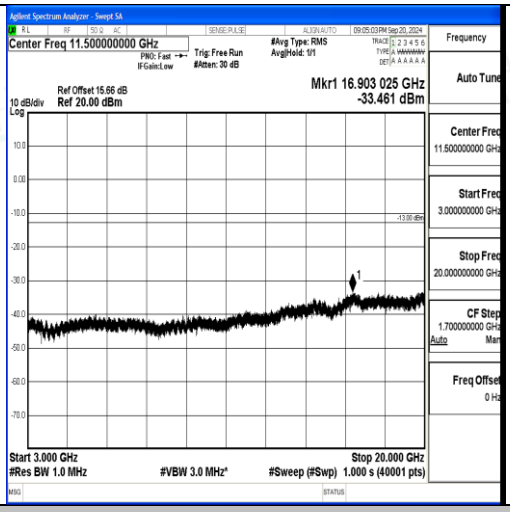
Band2_1.4MHz_QPSK_18607_1RB#0_0.15~30_0.15~30



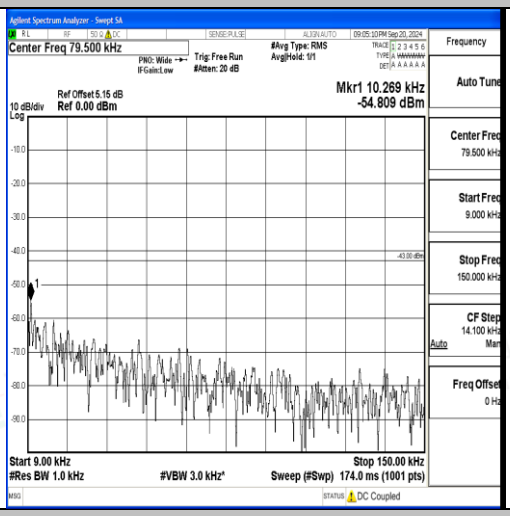
Band2_1.4MHz_QPSK_18607_1RB#0_30~1000_30~1000



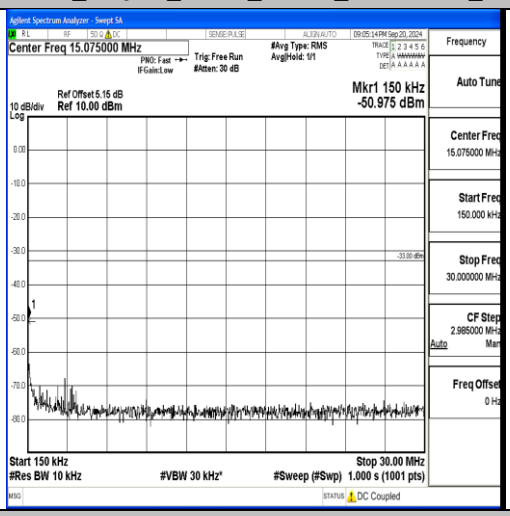
Band2_1.4MHz_QPSK_18607_1RB#0_1000~3000_1000~3000



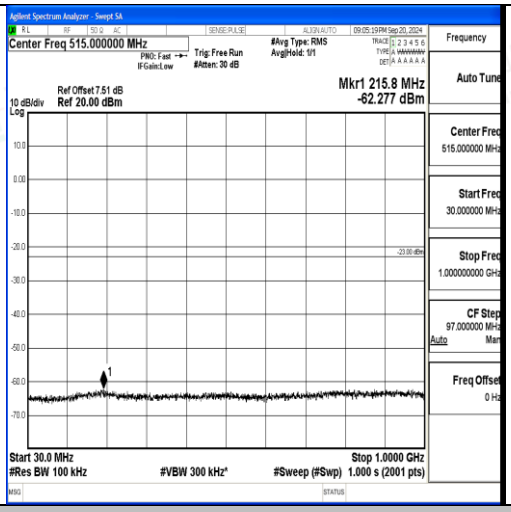
Band2_1.4MHz_QPSK_18607_1RB#0_3000~20000_3000~20000



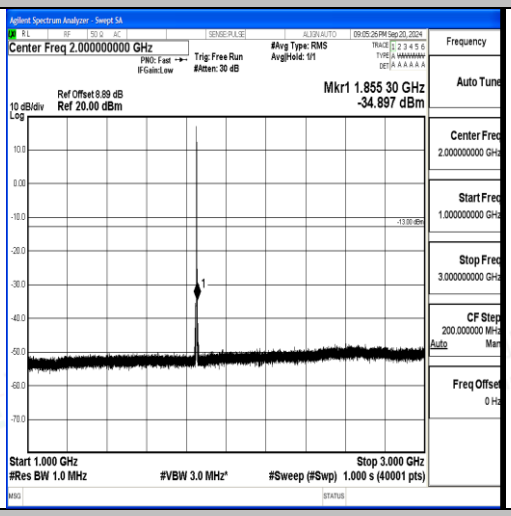
Band2_1.4MHz_16QAM_18607_1RB#0_0.009~0.15_0.009~0.15



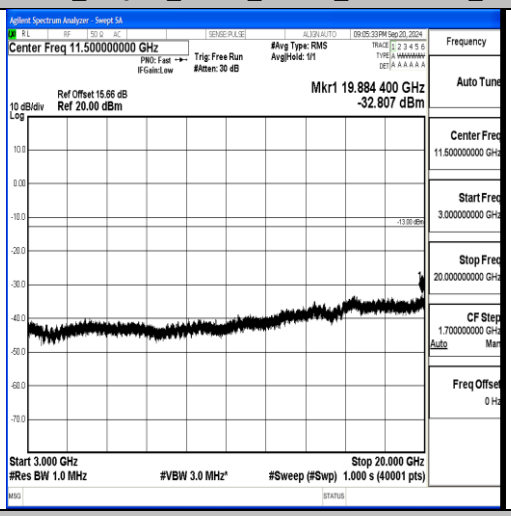
Band2_1.4MHz_16QAM_18607_1RB#0_0.15~30_0.15~30



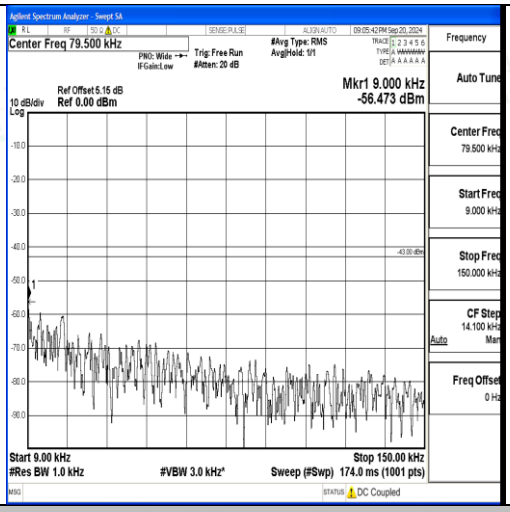
Band2_1.4MHz_16QAM_18607_1RB#0_30~1000_30~1000



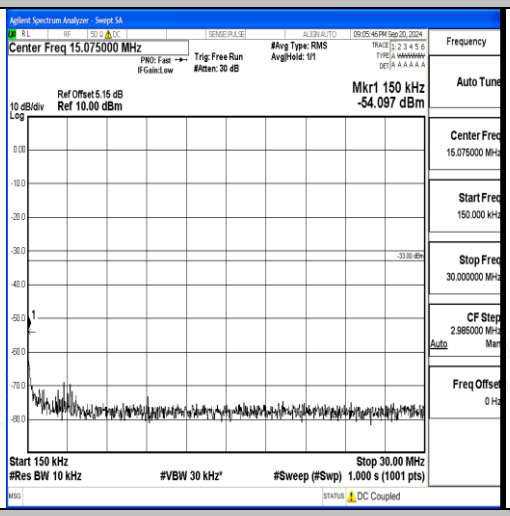
Band2_1.4MHz_16QAM_18607_1RB#0_1000~3000_1000~3000



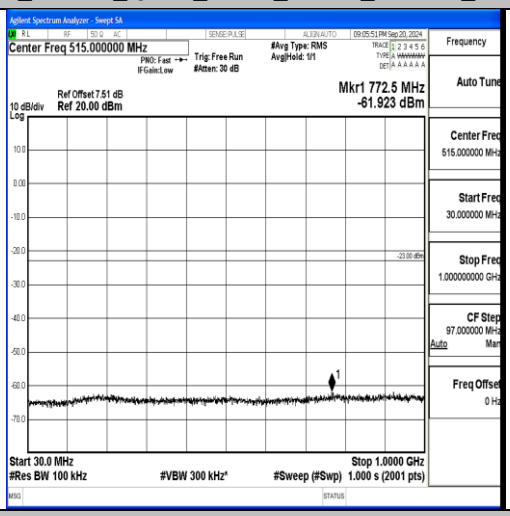
Band2_1.4MHz_16QAM_18607_1RB#0_3000~20000_3000~20000



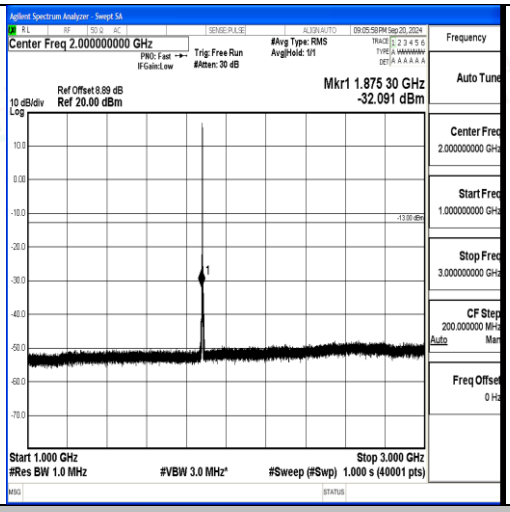
Band2_1.4MHz_QPSK_18900_1RB#0_0.009~0.15_0.009~0.15



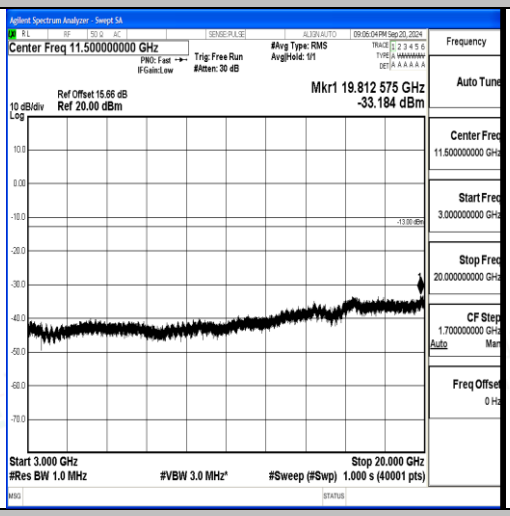
Band2_1.4MHz_QPSK_18900_1RB#0_0.15~30_0.15~30



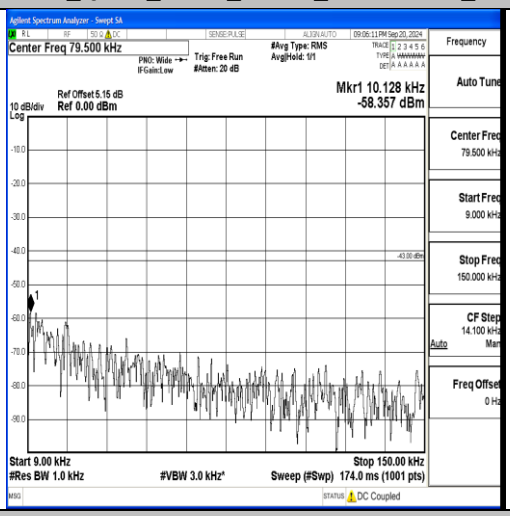
Band2_1.4MHz_QPSK_18900_1RB#0_30~1000_30~1000



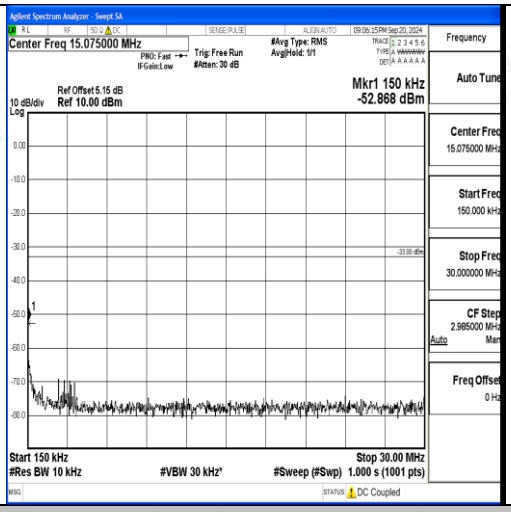
Band2_1.4MHz_QPSK_18900_1RB#0_1000~3000_1000~3000



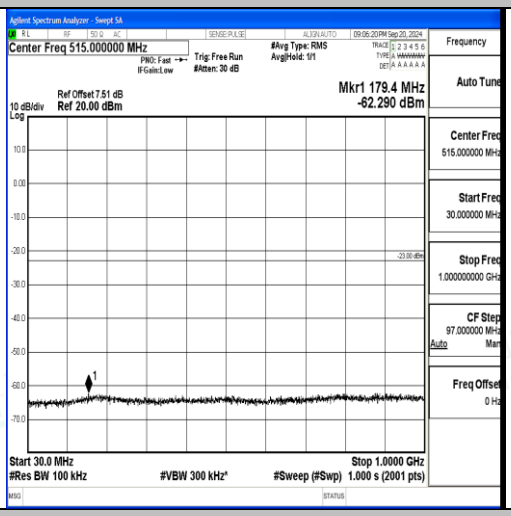
Band2_1.4MHz_QPSK_18900_1RB#0_3000~20000_3000~20000



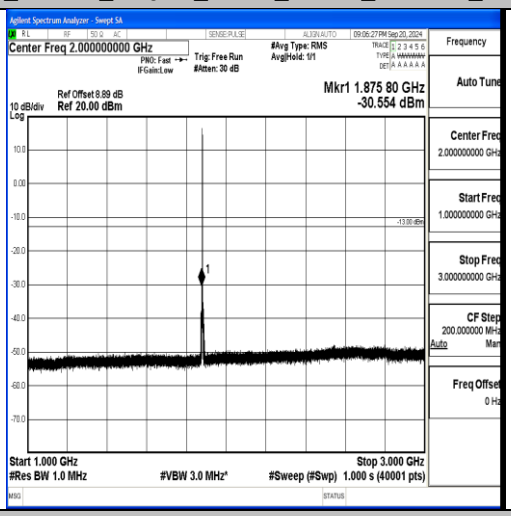
Band2_1.4MHz_16QAM_18900_1RB#0_0.009~0.15_0.009~0.15



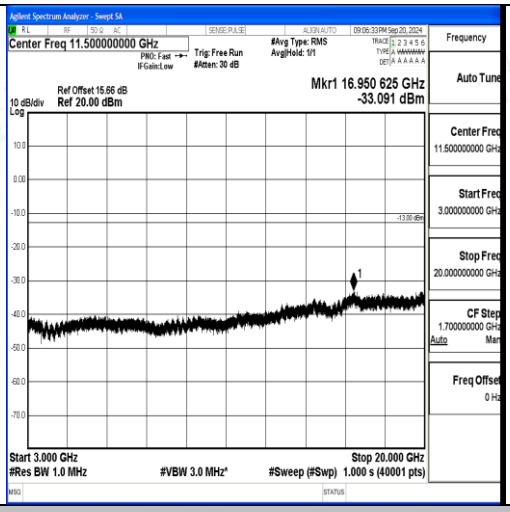
Band2_1.4MHz_16QAM_18900_1RB#0_0.15~30_0.15~30



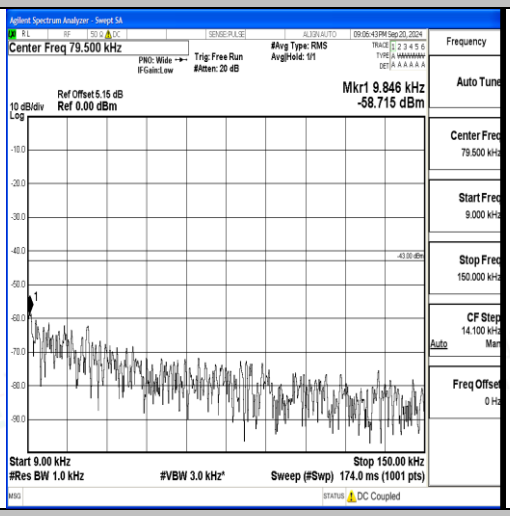
Band2_1.4MHz_16QAM_18900_1RB#0_30~1000_30~1000



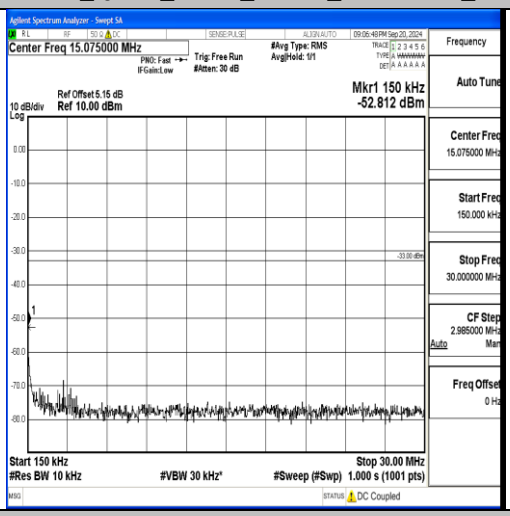
Band2_1.4MHz_16QAM_18900_1RB#0_1000~3000_1000~3000



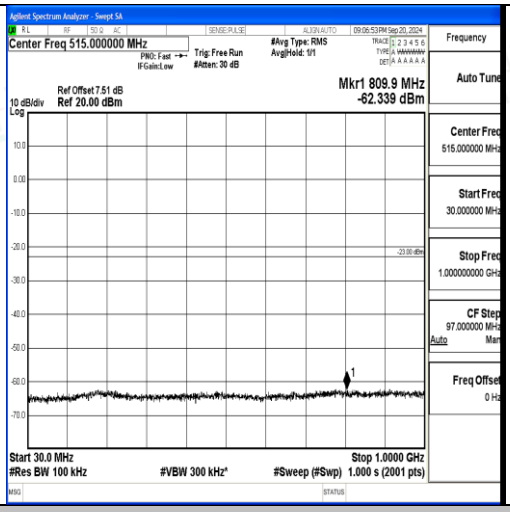
Band2_1.4MHz_16QAM_18900_1RB#0_3000~20000_3000~20000



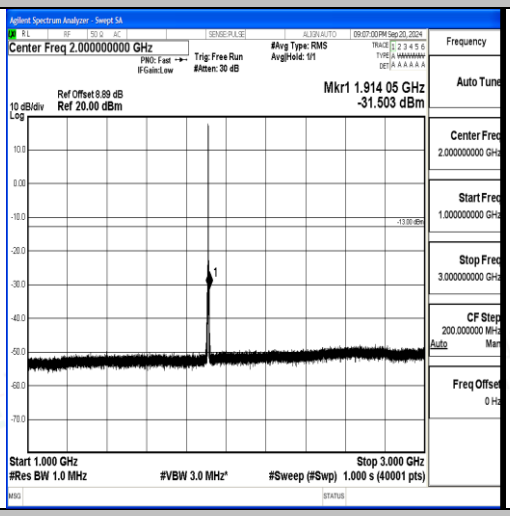
Band2_1.4MHz_QPSK_19193_1RB#0_0.009~0.15_0.009~0.15



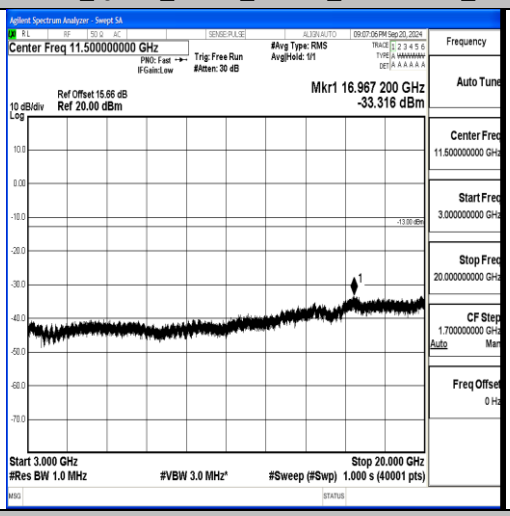
Band2_1.4MHz_QPSK_19193_1RB#0_0.15~30_0.15~30



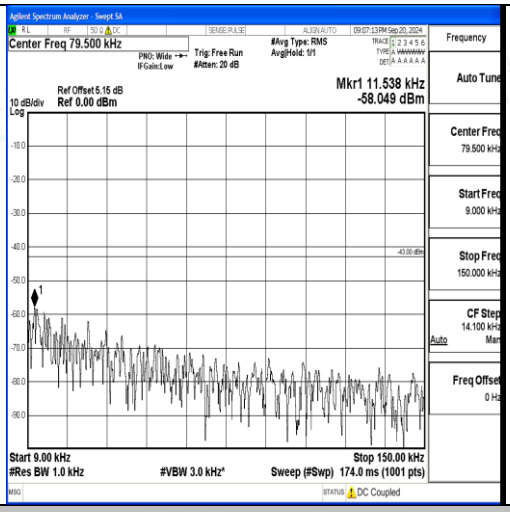
Band2_1.4MHz_QPSK_19193_1RB#0_30~1000_30~1000



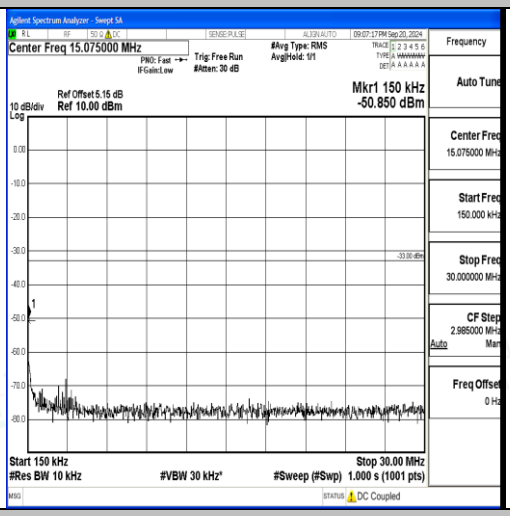
Band2_1.4MHz_QPSK_19193_1RB#0_1000~3000_1000~3000



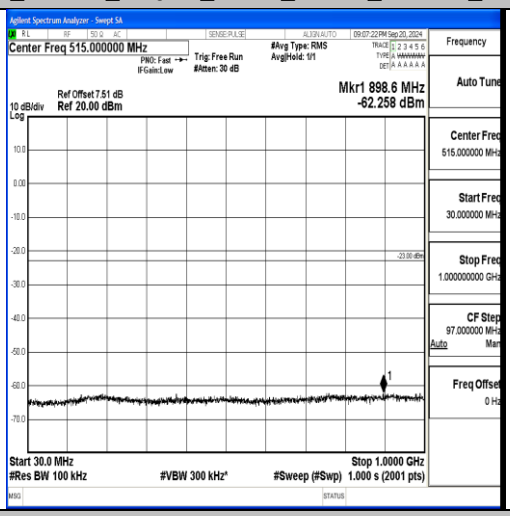
Band2_1.4MHz_QPSK_19193_1RB#0_3000~20000_3000~20000



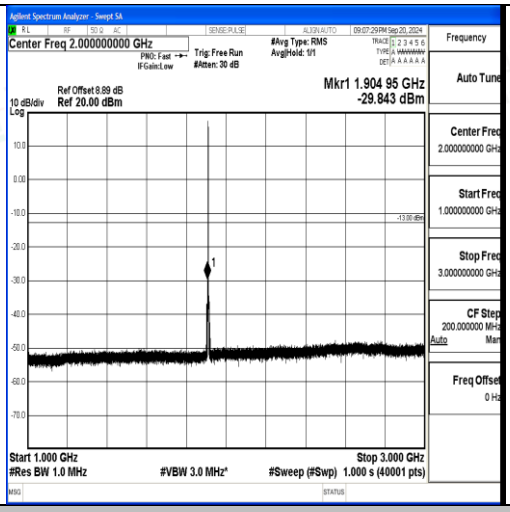
Band2_1.4MHz_16QAM_19193_1RB#0_0.009~0.15_0.009~0.15



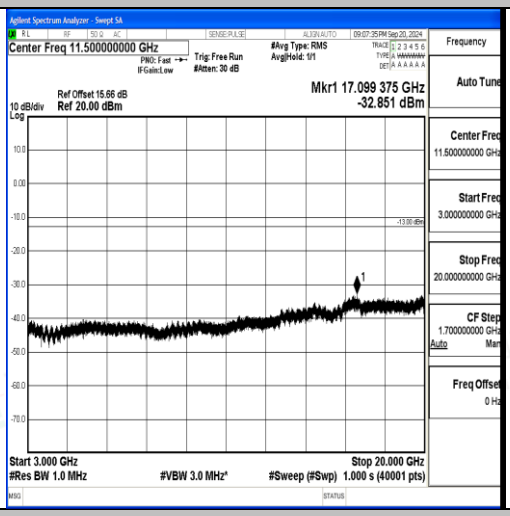
Band2_1.4MHz_16QAM_19193_1RB#0_0.15~30_0.15~30



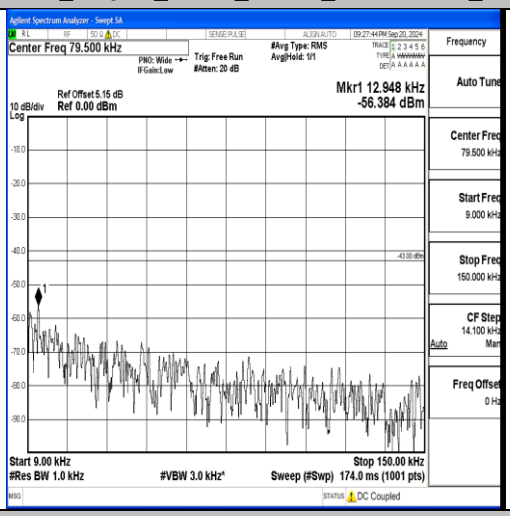
Band2_1.4MHz_16QAM_19193_1RB#0_30~1000_30~1000



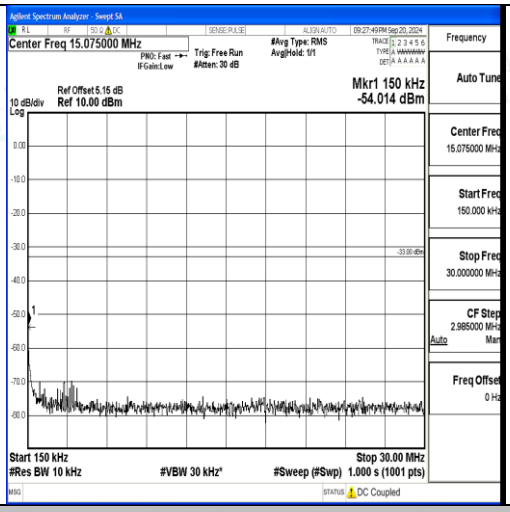
Band2_1.4MHz_16QAM_19193_1RB#0_1000~3000_1000~3000



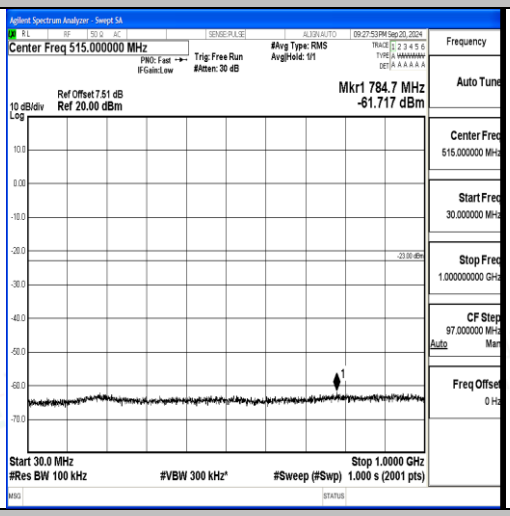
Band2_1.4MHz_16QAM_19193_1RB#0_3000~20000_3000~20000



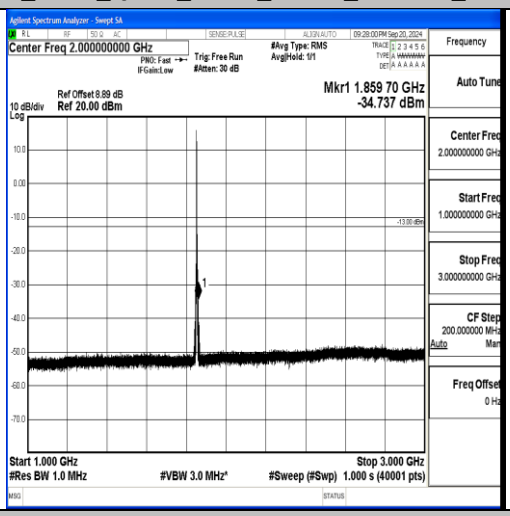
Band2_3MHz_QPSK_18615_1RB#0_0.009~0.15_0.009~0.15



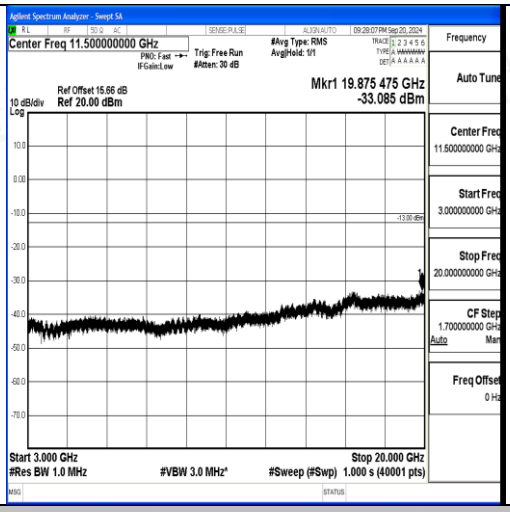
Band2_3MHz_QPSK_18615_1RB#0_0.15~30_0.15~30



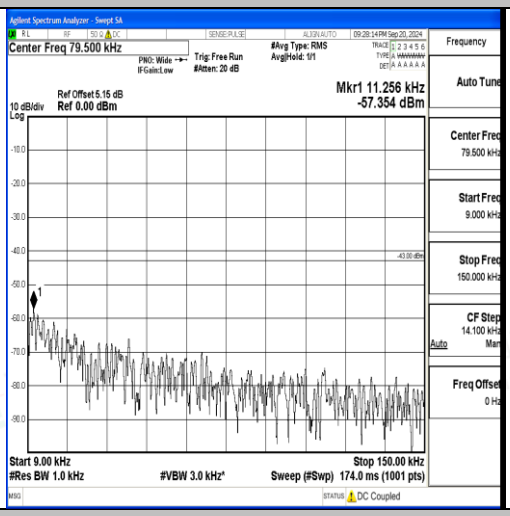
Band2_3MHz_QPSK_18615_1RB#0_30~1000_30~1000



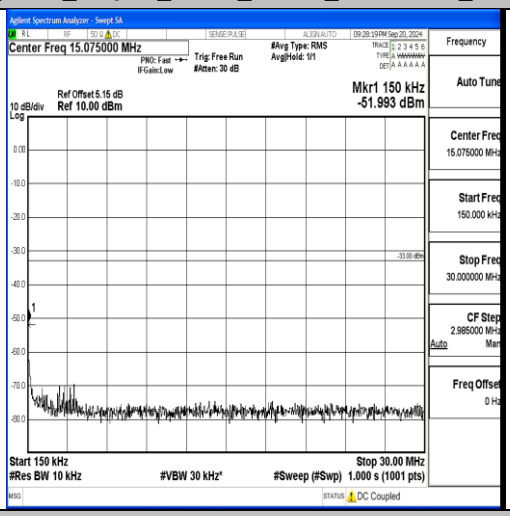
Band2_3MHz_QPSK_18615_1RB#0_1000~3000_1000~3000



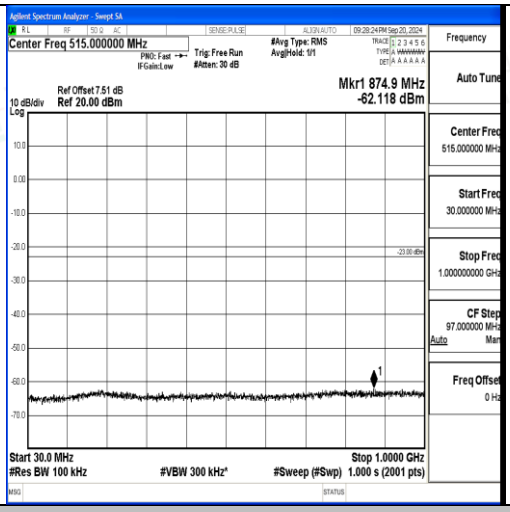
Band2_3MHz_QPSK_18615_1RB#0_3000~20000_3000~20000



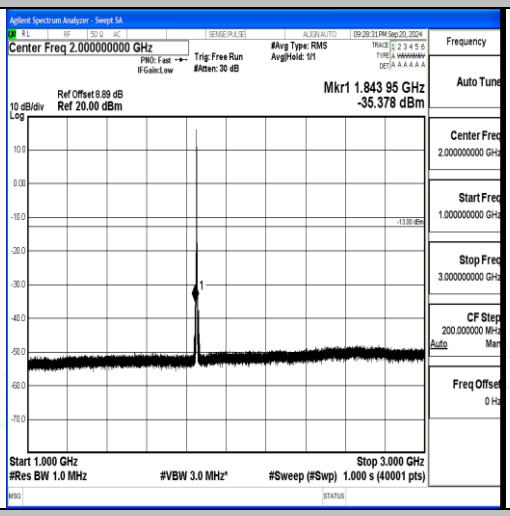
Band2_3MHz_16QAM_18615_1RB#0_0.009~0.15_0.009~0.15



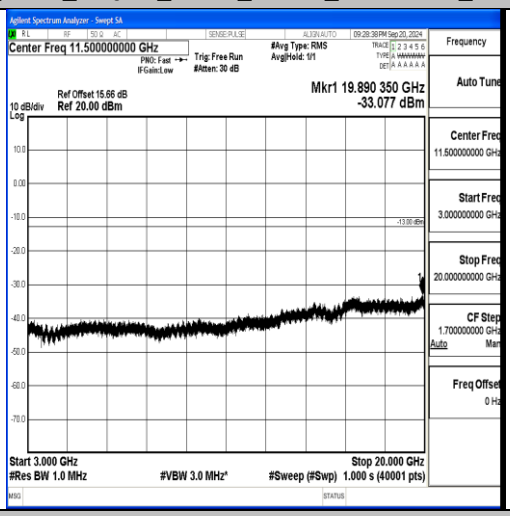
Band2_3MHz_16QAM_18615_1RB#0_0.15~30_0.15~30



Band2_3MHz_16QAM_18615_1RB#0_30~1000_30~1000



Band2_3MHz_16QAM_18615_1RB#0_1000~3000_1000~3000



Band2_3MHz_16QAM_18615_1RB#0_3000~20000_3000~20000