Appendix F: Test Data for E-UTRA Band 5

Product Name: GNSS Receiver

Test Model: Mars

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu

F.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.50	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.55	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.76	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.76	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.66	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.55	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.57	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.47	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.43	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.62	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.67	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.62	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.40	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.54	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.49	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.43	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.53	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.40	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.53	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.41	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.51	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.09	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.20	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.36	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.10	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.32	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.14	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	23.28	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.12	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.32	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.10	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.27	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.26	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.48	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.66	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.52	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.67	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.55	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.65	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.55	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.63	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.53	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.59	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.59	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.60	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.49	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.56	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.46	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.67	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.37	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.61	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.42	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.51	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.46	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.48	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.36	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.52	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.40	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.42	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.40	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.36	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.19	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.08	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.19	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.10	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.16	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.09	PASS

Band5	3MHz	QPSK	20635	8RB#0	22.22	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.21	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.18	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.24	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.16	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.19	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.19	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.16	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.46	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.68	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.62	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.47	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.42	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.54	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.53	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.54	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.50	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.59	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.60	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.58	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.62	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.43	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.64	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.46	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.72	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.30	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.51	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.49	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.51	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.44	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.56	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.31	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.38	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.42	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.39	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.19	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.12	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.29	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.25	PASS

Band5	5MHz	QPSK	20625	1RB#24	23.16	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.15	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.02	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.03	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.09	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.97	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.05	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.08	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.05	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.11	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.48	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.64	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.68	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.80	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.44	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.63	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.58	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.59	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.59	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.59	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.72	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.70	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.66	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.67	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.54	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.69	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.51	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.69	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.26	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.41	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.54	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.60	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.52	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.58	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.30	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.36	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.40	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.42	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.34	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.24	PASS

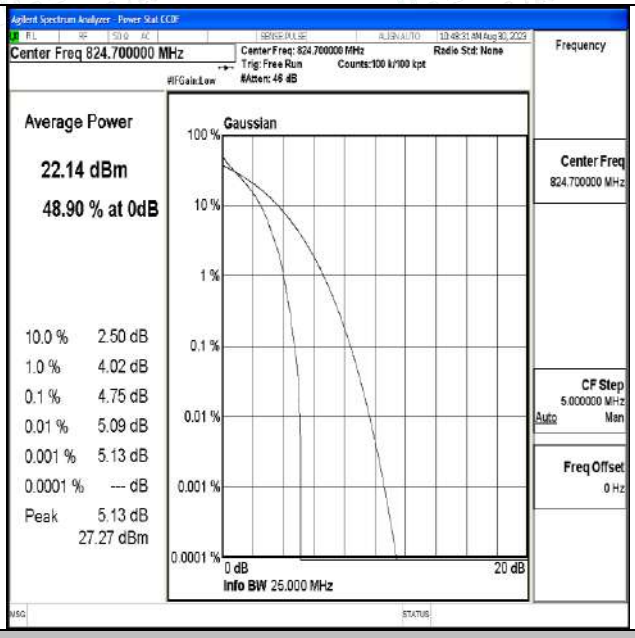
Band5	10MHz	QPSK	20600	1RB#24	23.29	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.17	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.19	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.11	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.32	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.40	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.35	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.41	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.26	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.32	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.28	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.32	PASS

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

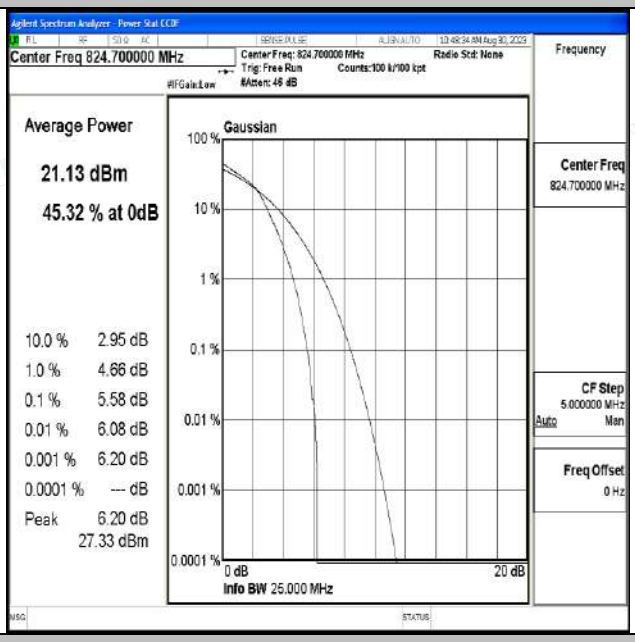
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.75	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.58	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.20	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.94	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.86	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.62	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.72	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.52	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.15	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.09	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.74	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.62	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.65	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.46	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.21	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.97	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.74	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.53	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.79	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.51	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.91	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.81	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.91	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.61	13	PASS

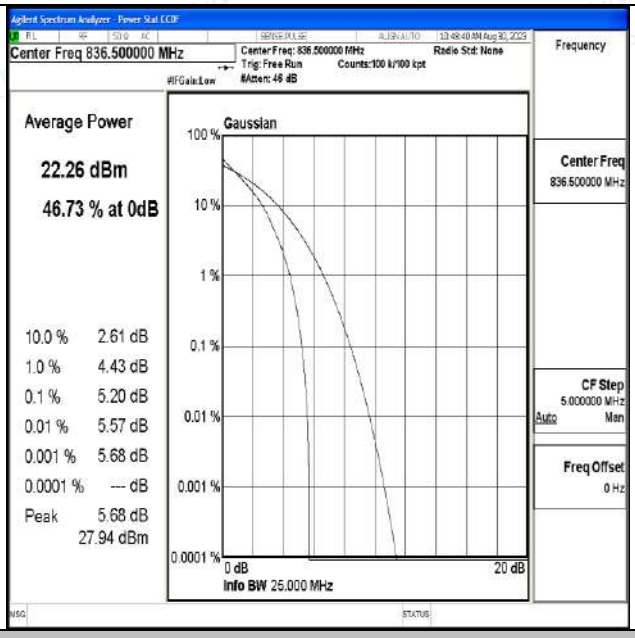
Test Graphs



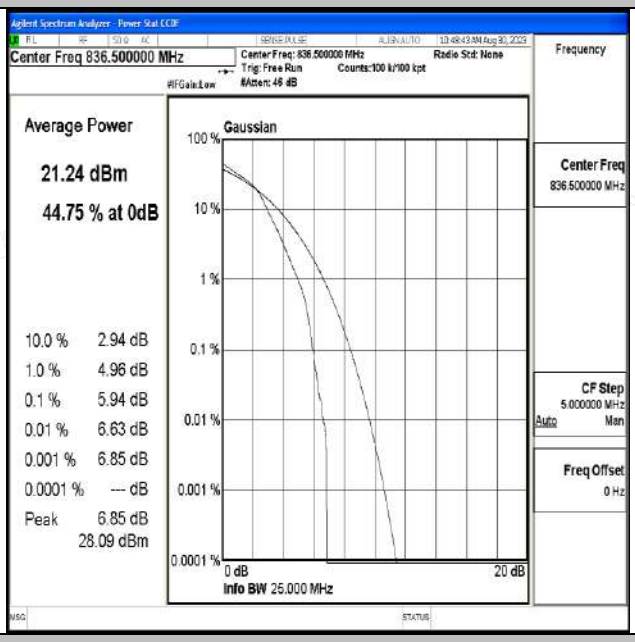
1.4MHz-20407



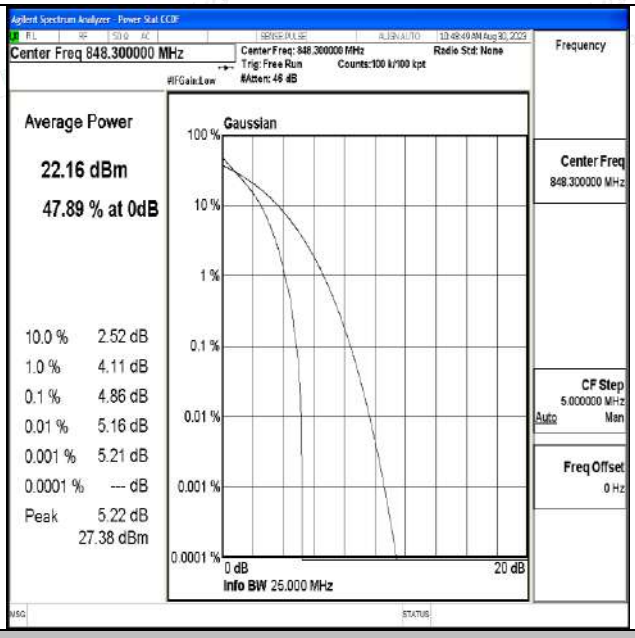
1.4MHz-20407



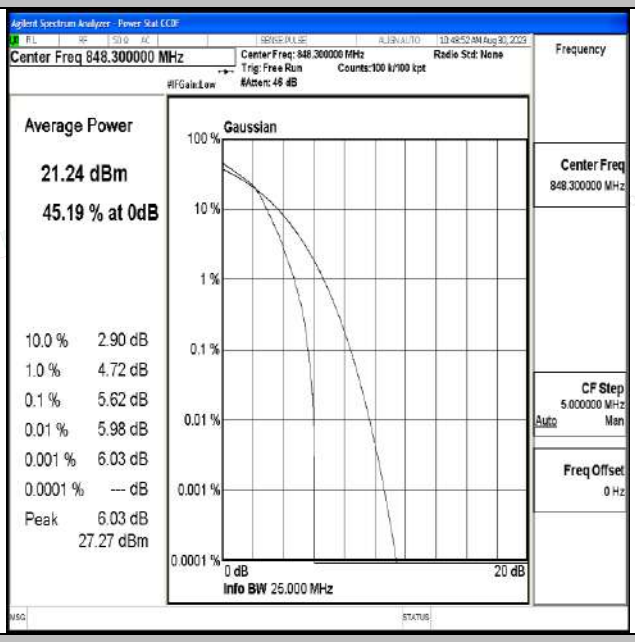
1.4MHz-20525



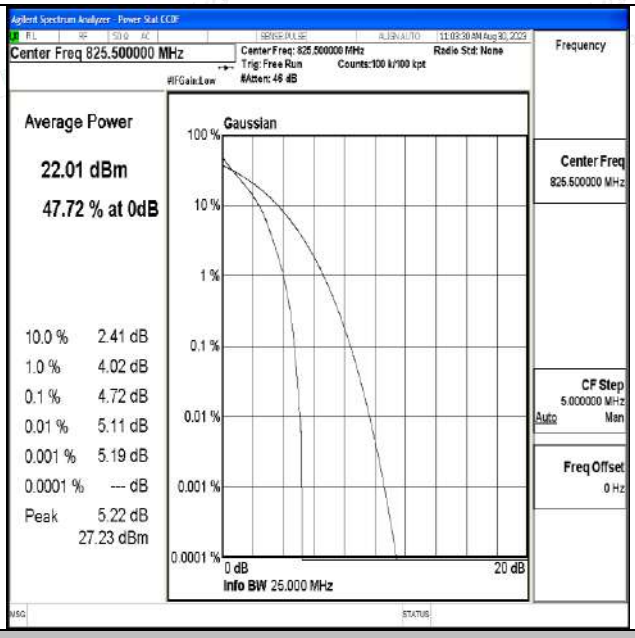
1.4MHz-20525



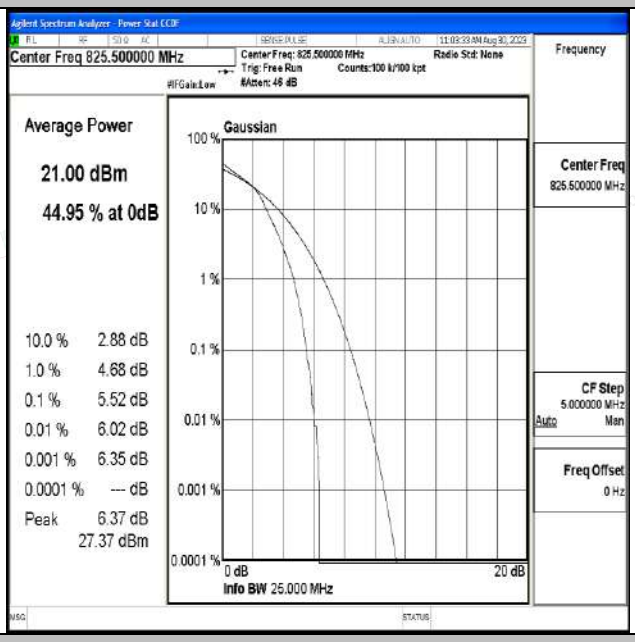
1.4MHz-20643



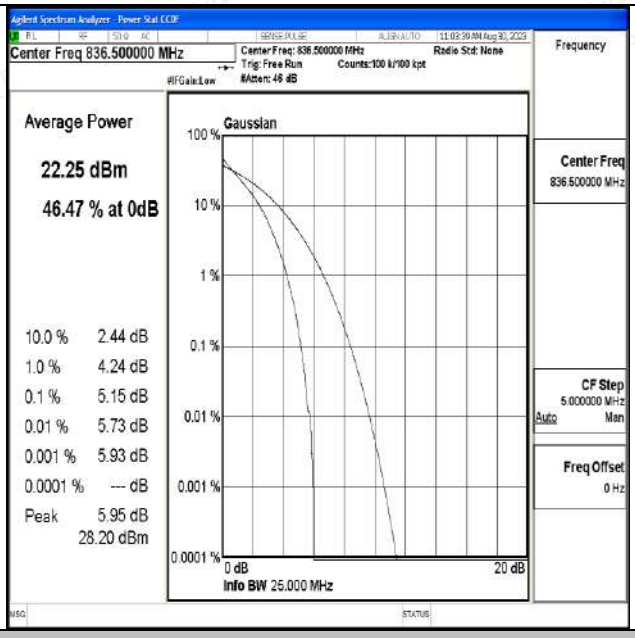
1.4MHz-20643



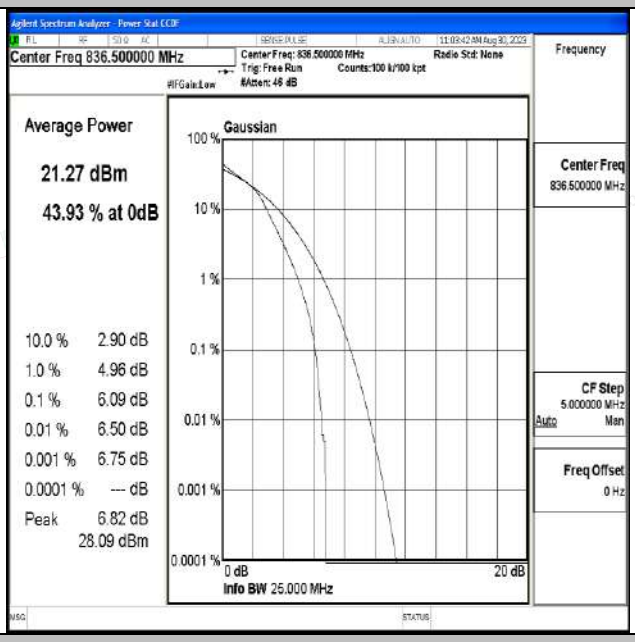
3MHz-20415



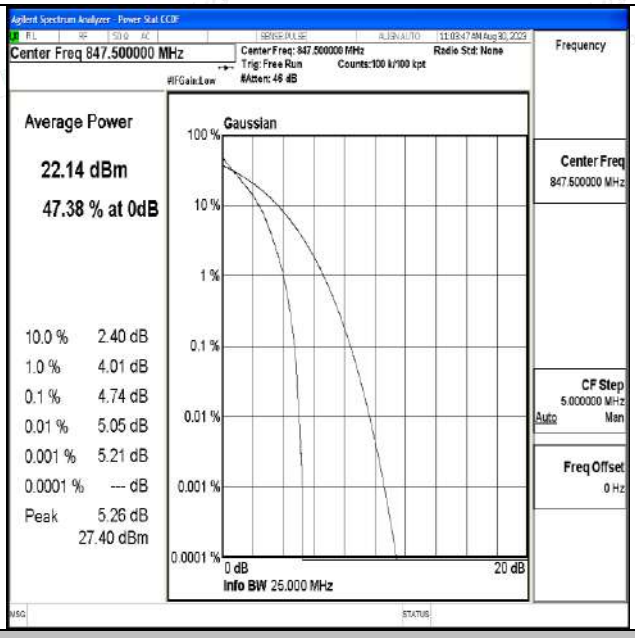
3MHz-20415



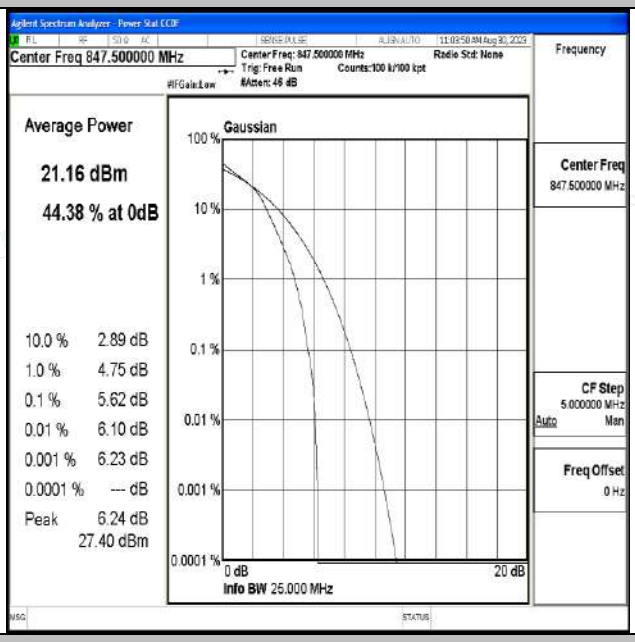
3MHz-20525



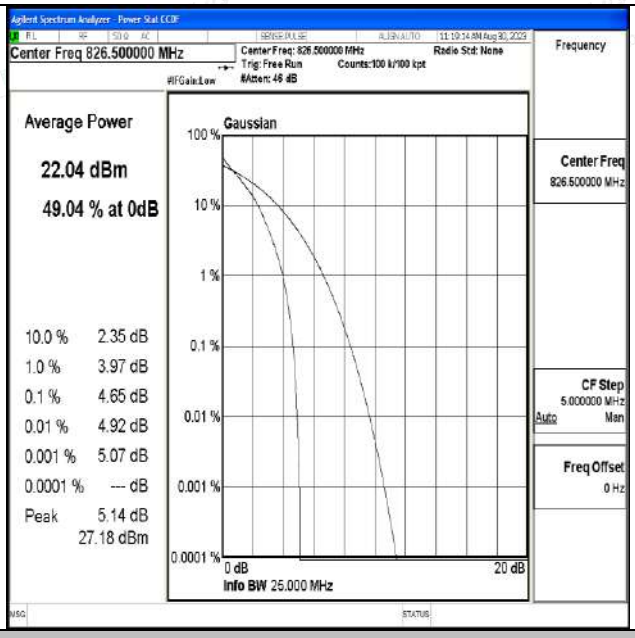
3MHz-20525



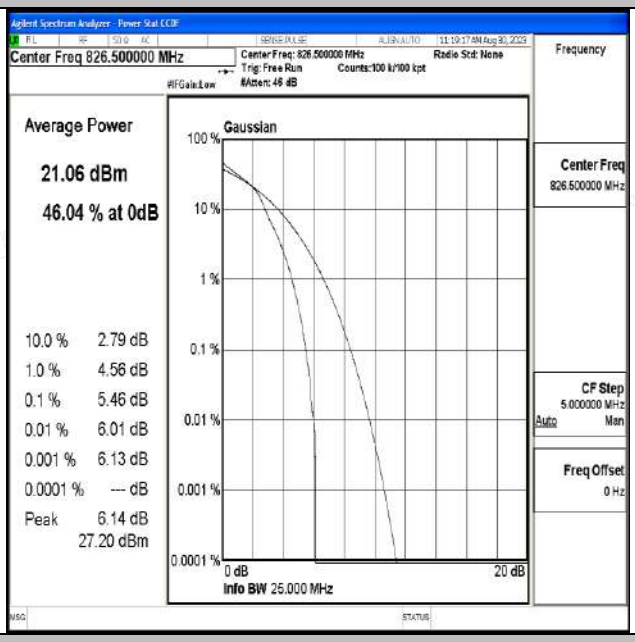
3MHz-20635



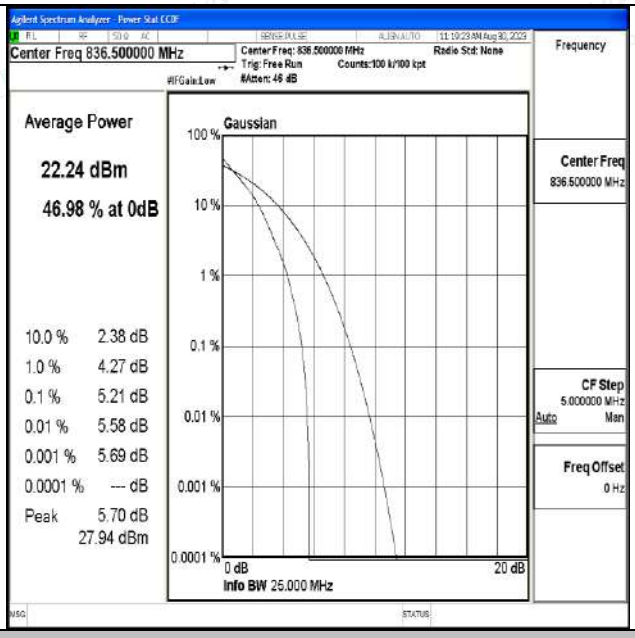
3MHz-20635



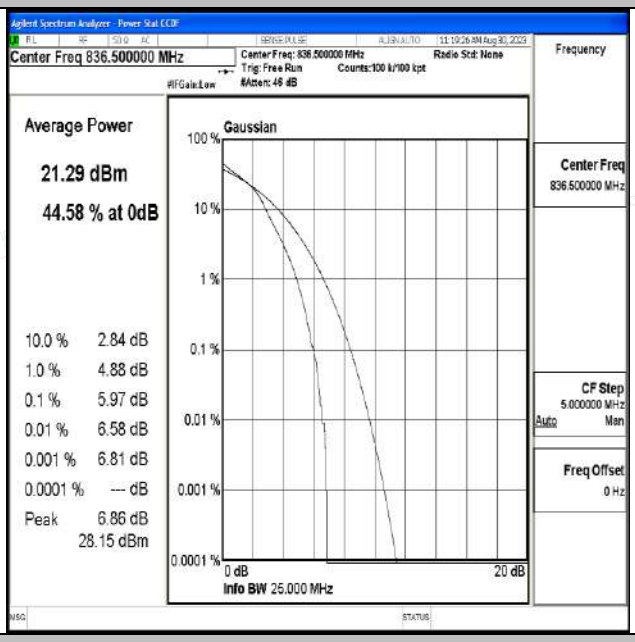
5MHz-20425



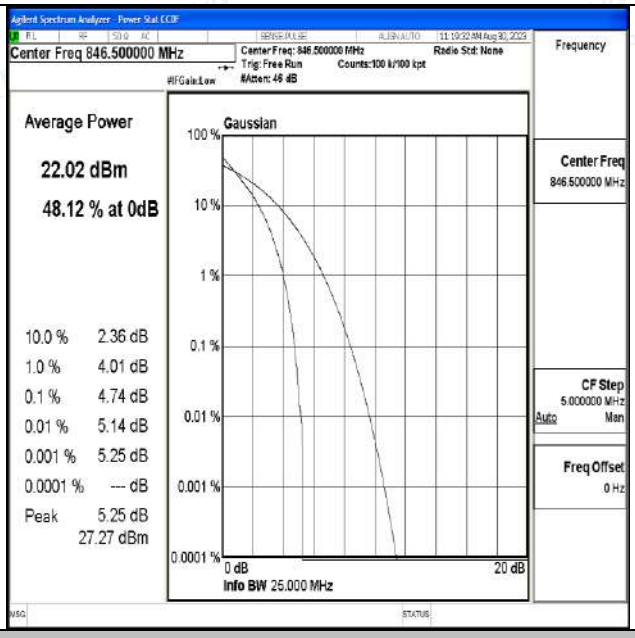
5MHz-20425



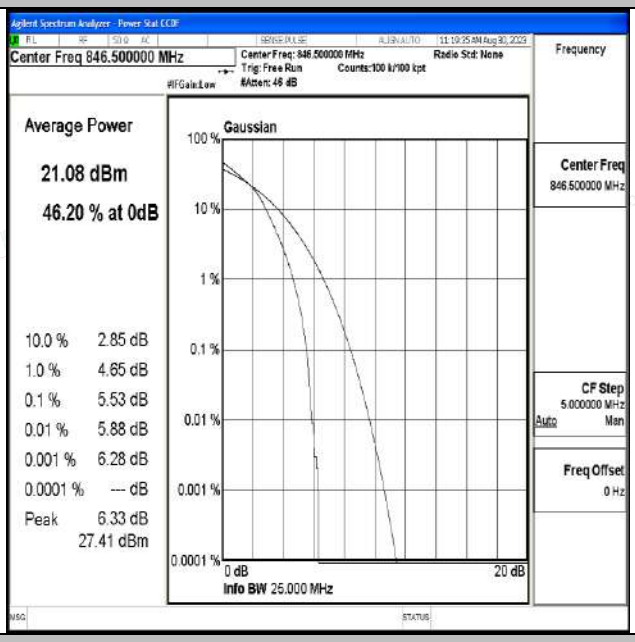
5MHz-20525



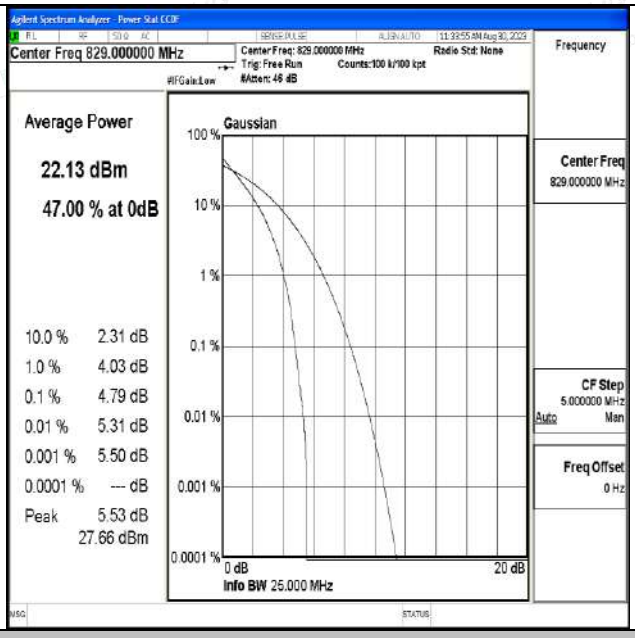
5MHz-20525



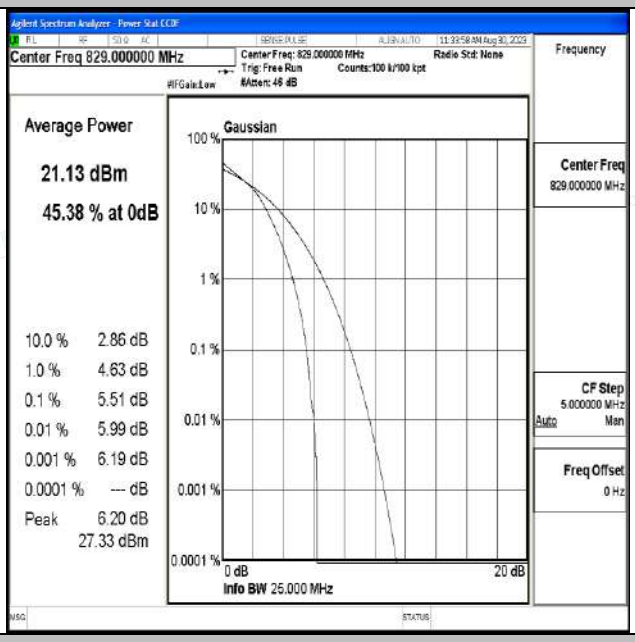
5MHz-20625



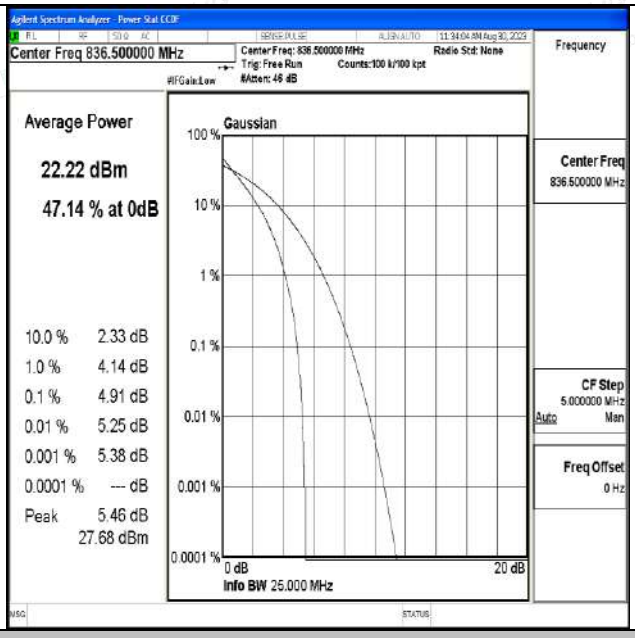
5MHz-20625



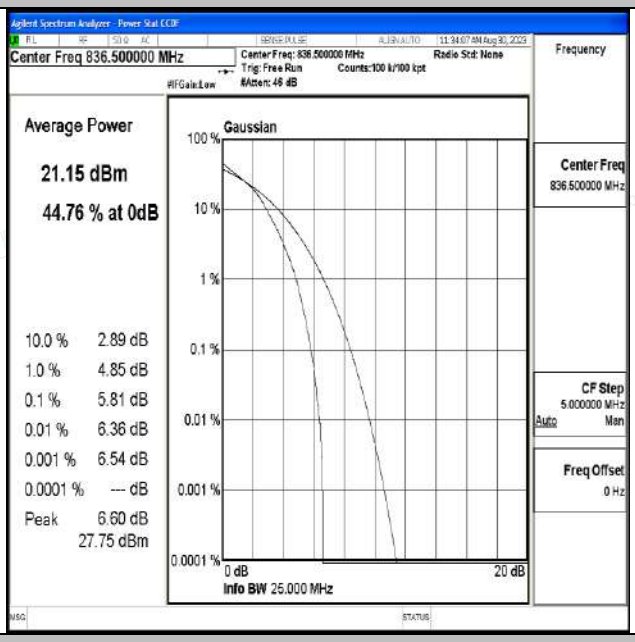
10MHz-20450



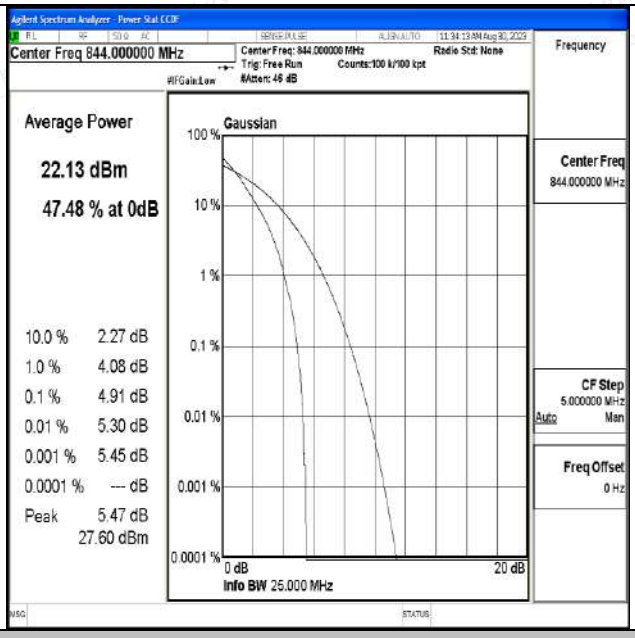
10MHz-20450



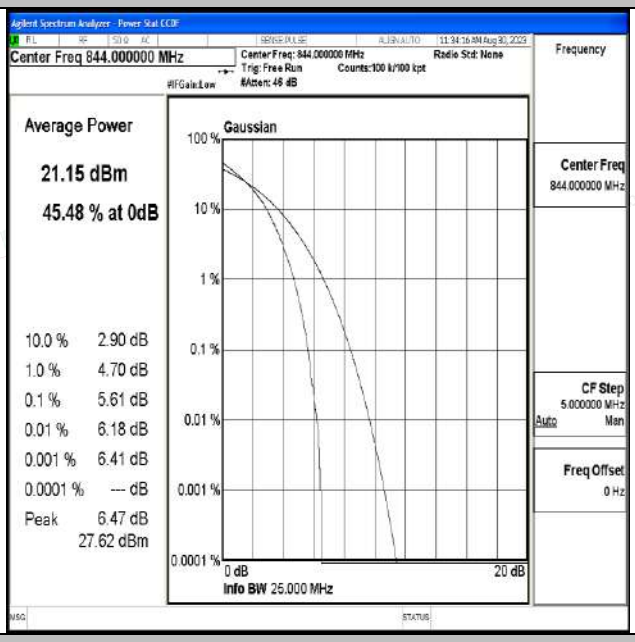
10MHz-20525



10MHz-20525



10MHz-20600



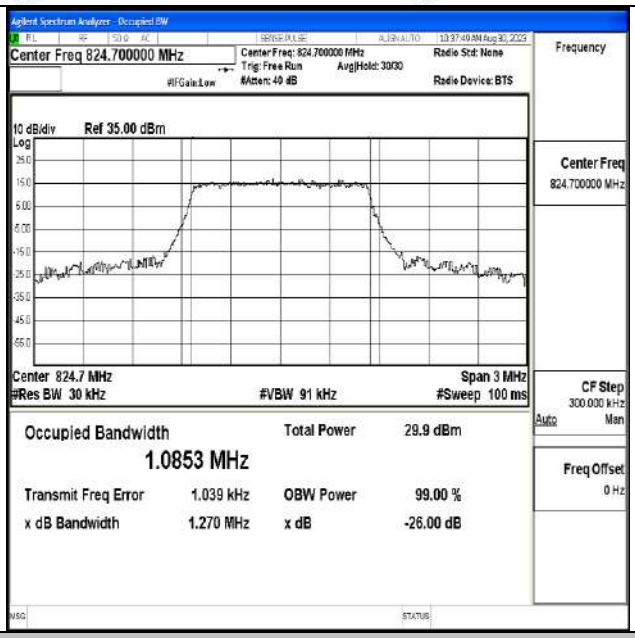
10MHz-20600

F.3 26dB Bandwidth and Occupied Bandwidth

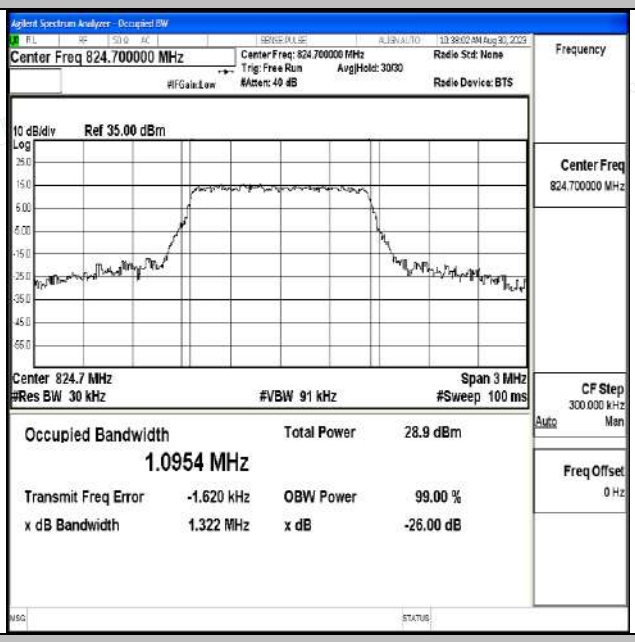
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0853	1.270	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0954	1.322	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0910	1.276	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0899	1.284	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0923	1.295	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0872	1.260	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6847	2.907	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6806	2.884	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6866	2.910	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6836	2.890	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6785	2.885	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6860	2.900	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5044	4.945	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4934	4.910	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4927	5.157	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4943	4.943	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4888	4.909	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4961	4.924	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9885	9.799	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9924	9.713	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9803	9.928	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9683	9.693	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9653	9.898	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9681	9.729	PASS

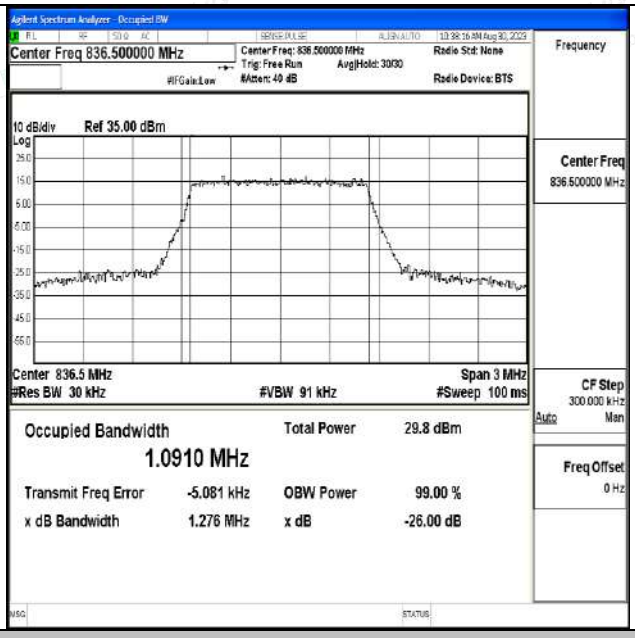
Test Graphs



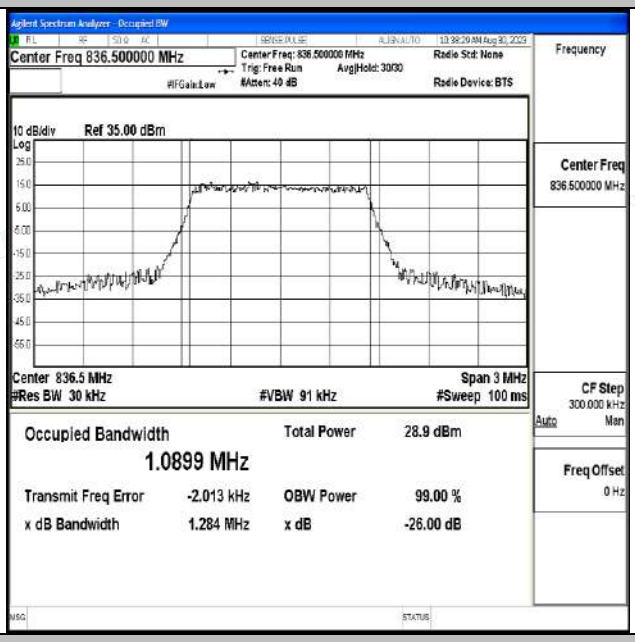
1.4MHz-20407



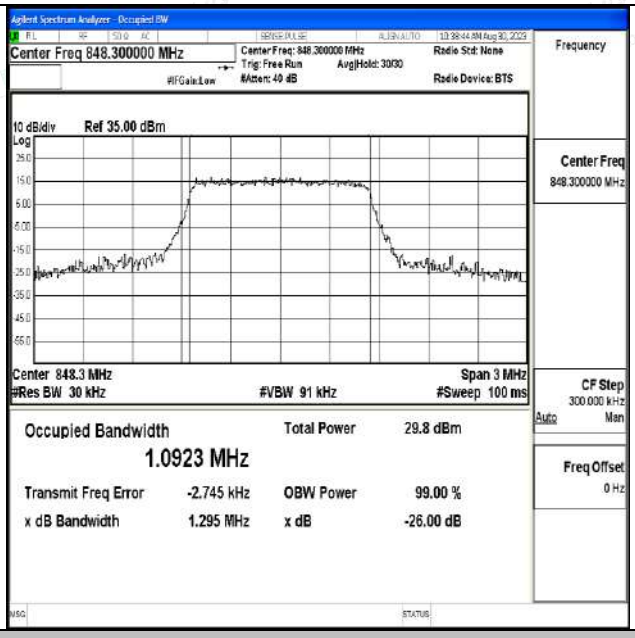
1.4MHz-20407



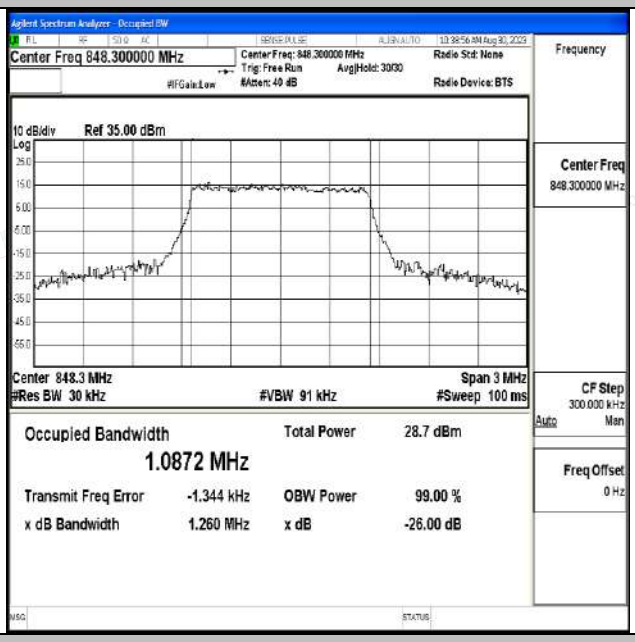
1.4MHz-20525



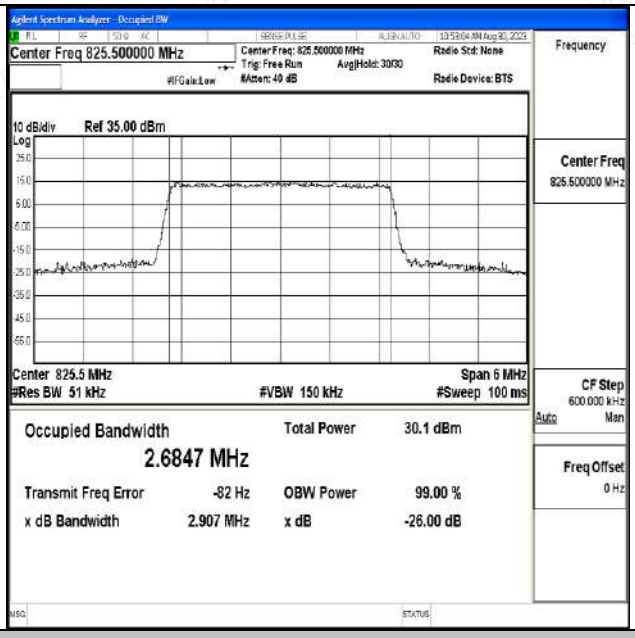
1.4MHz-20525



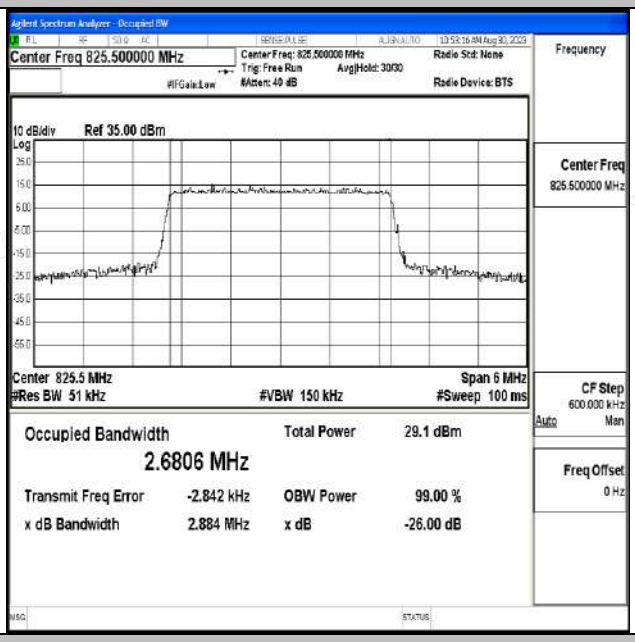
1.4MHz-20643



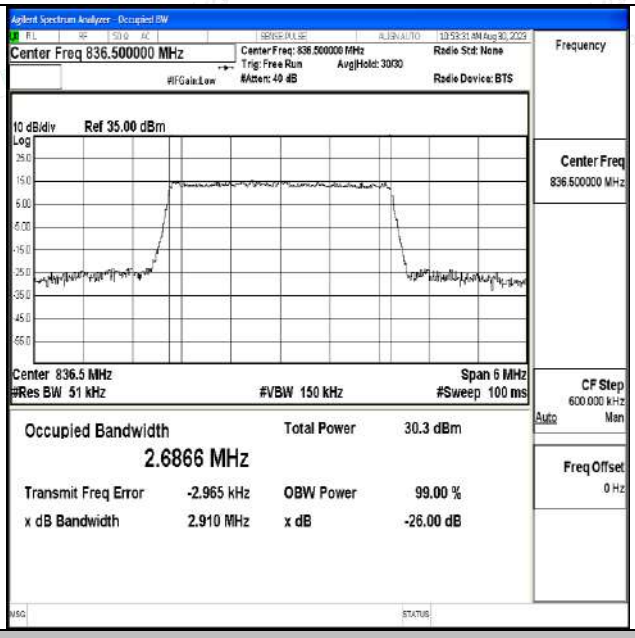
1.4MHz-20643



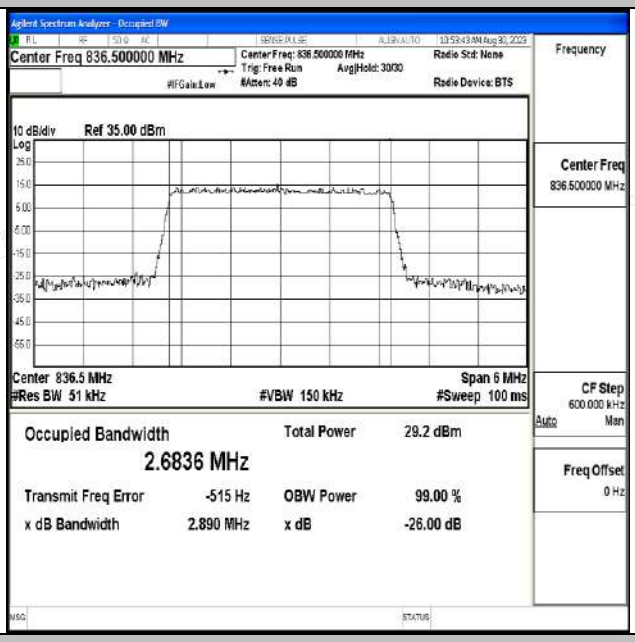
3MHz-20415



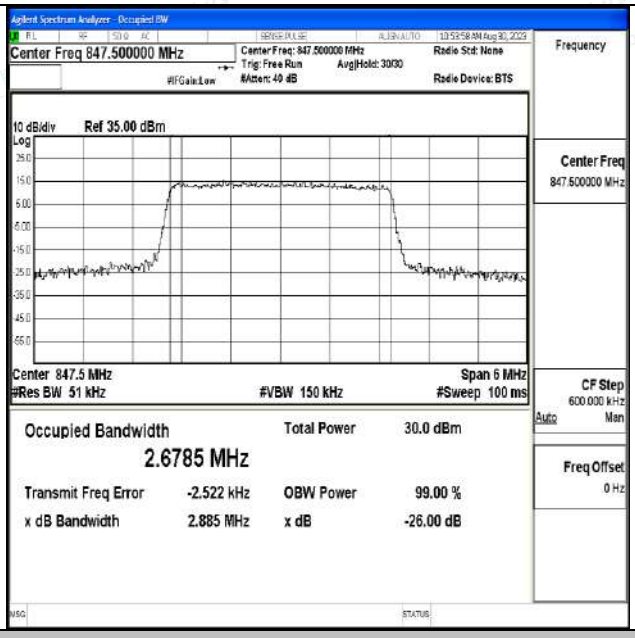
3MHz-20415



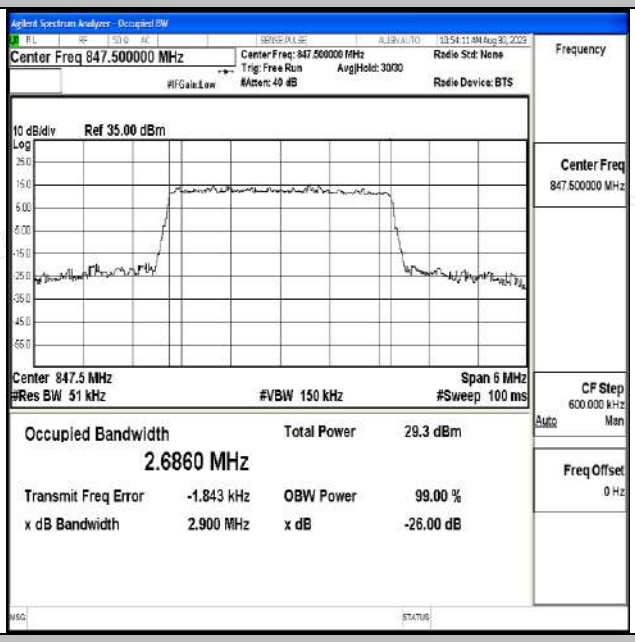
3MHz-20525



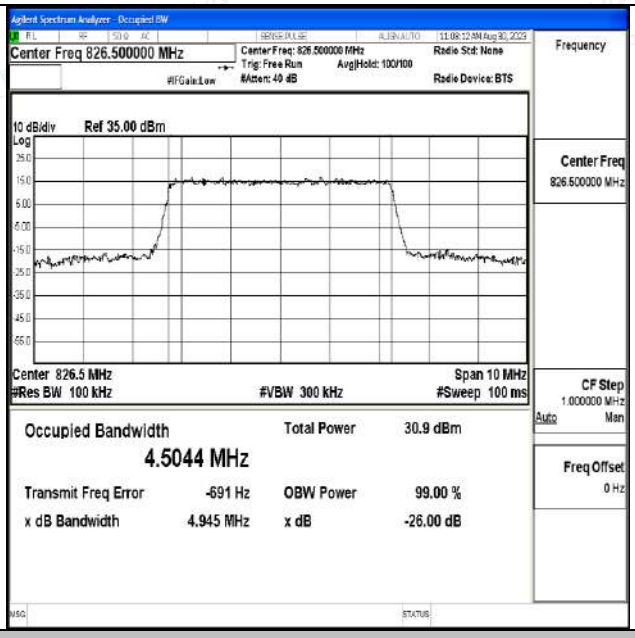
3MHz-20525



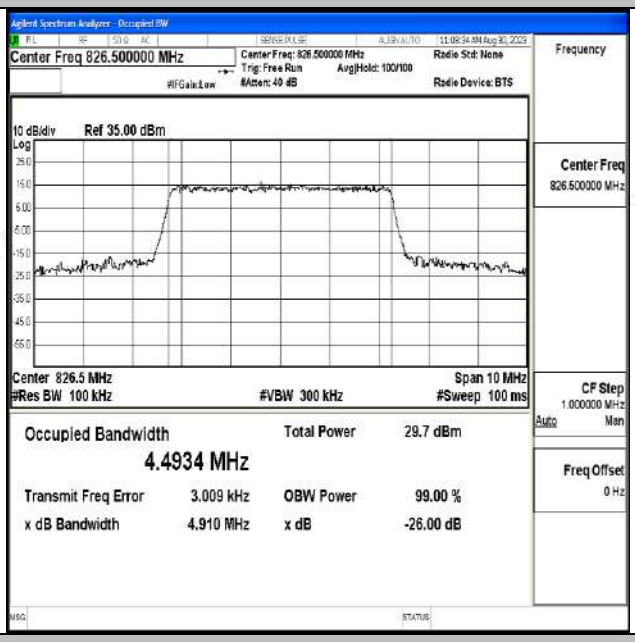
3MHz-20635



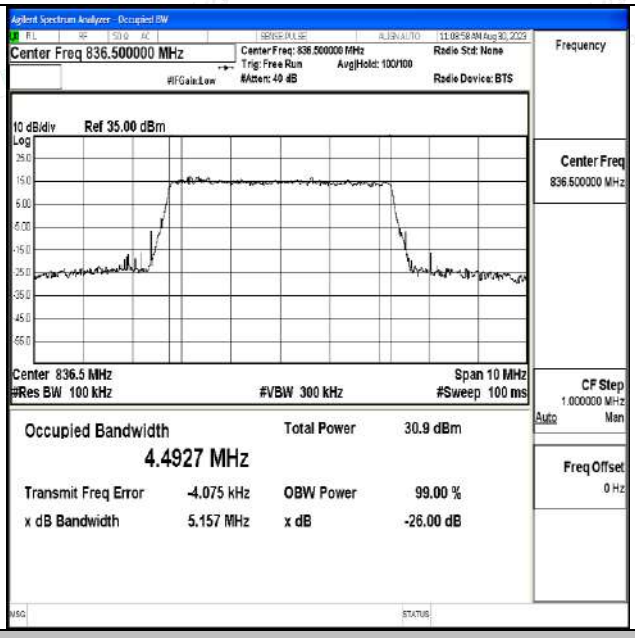
3MHz-20635



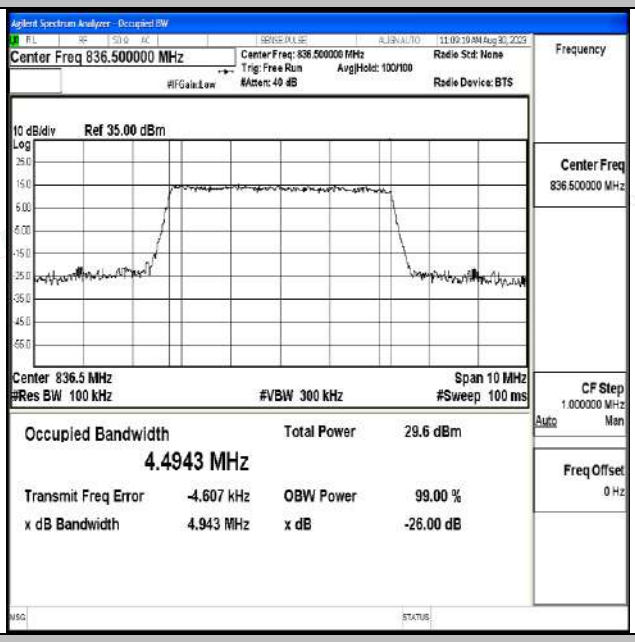
5MHz-20425



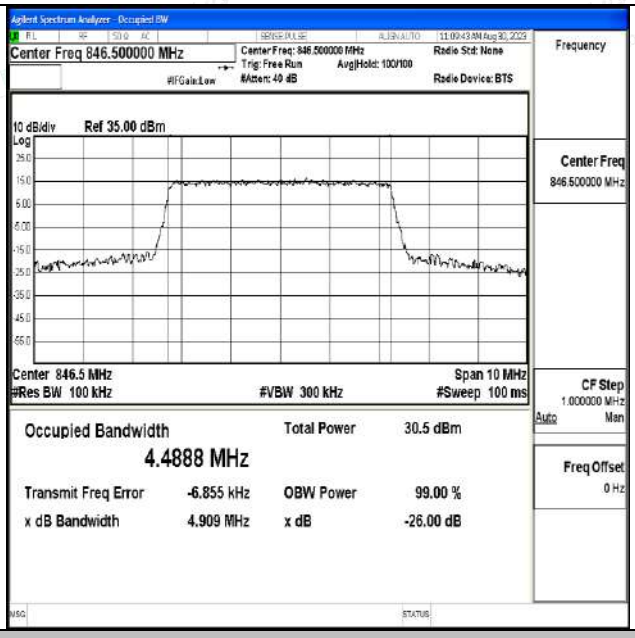
5MHz-20425



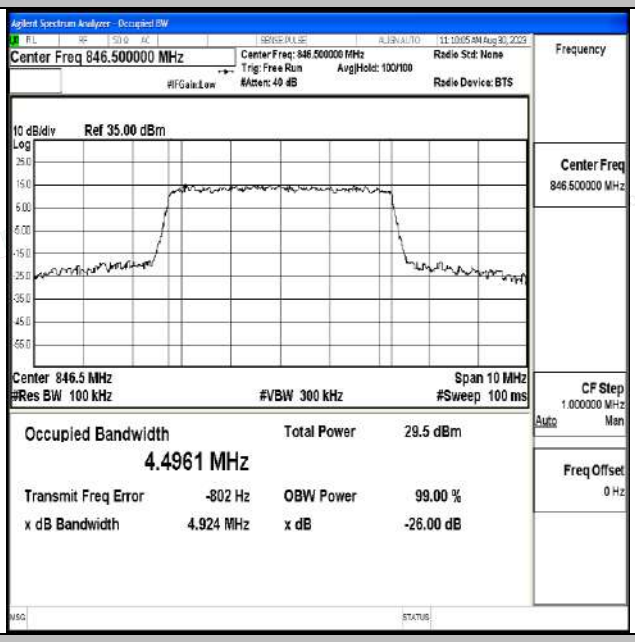
5MHz-20525



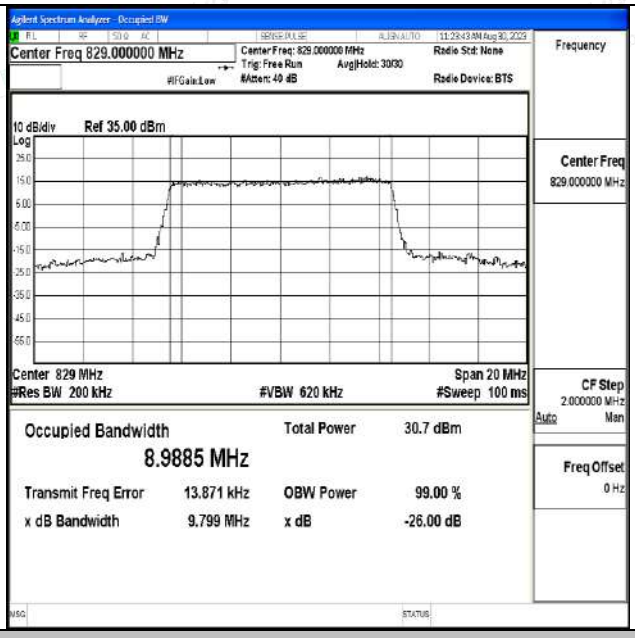
5MHz-20525



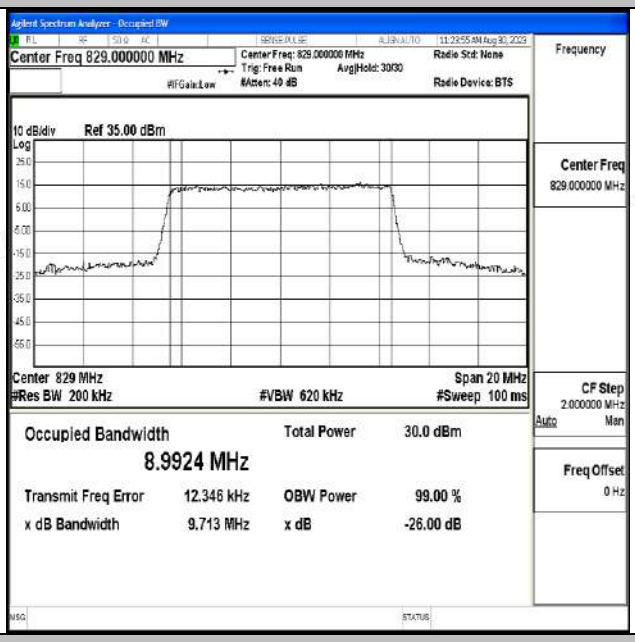
5MHz-20625



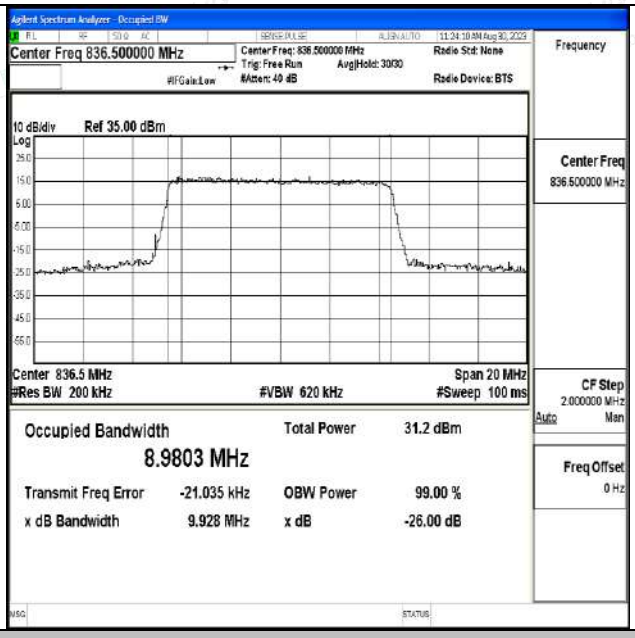
5MHz-20625



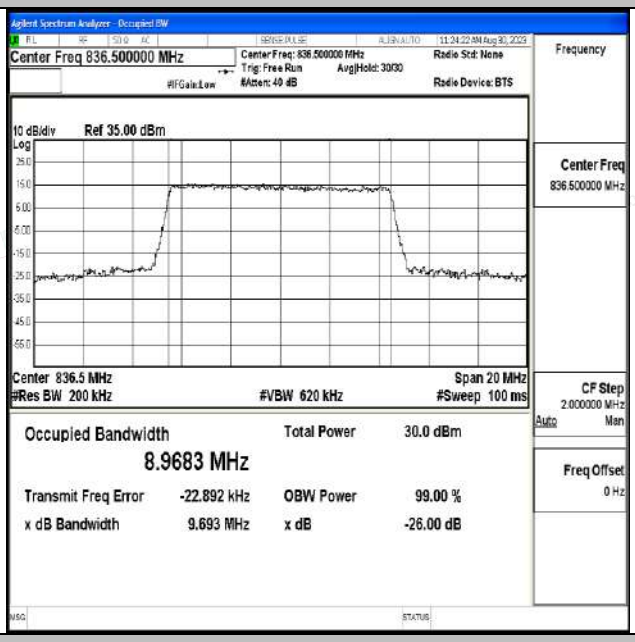
10MHz-20450



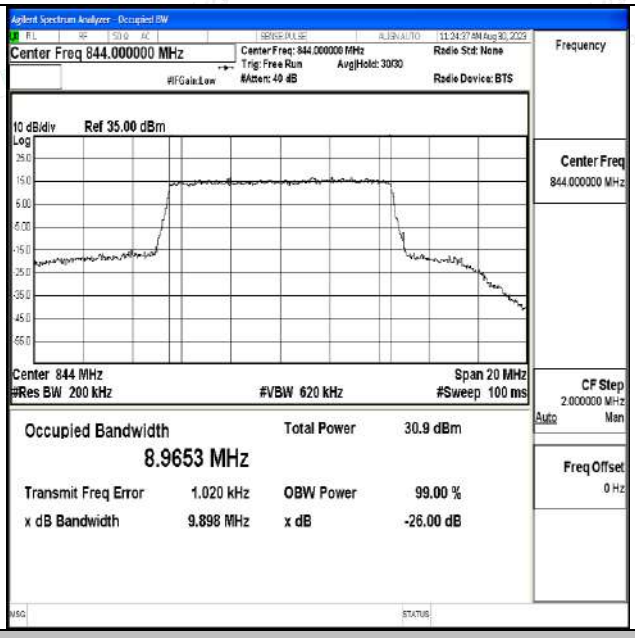
10MHz-20450



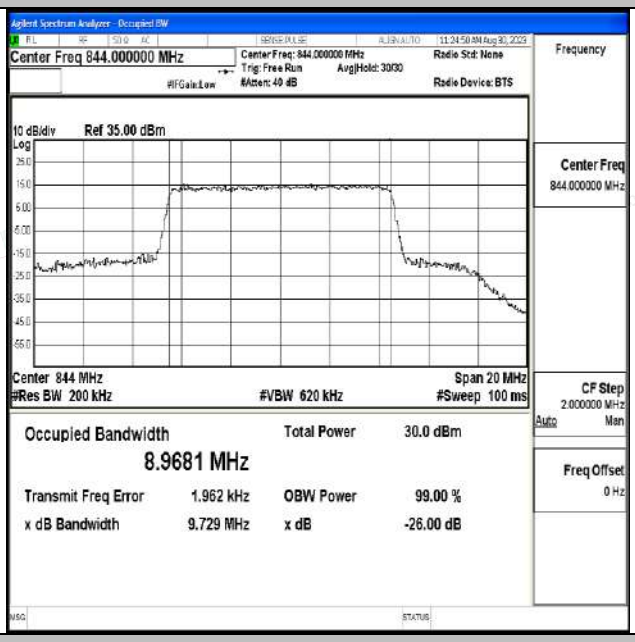
10MHz-20525



10MHz-20525



10MHz-20600



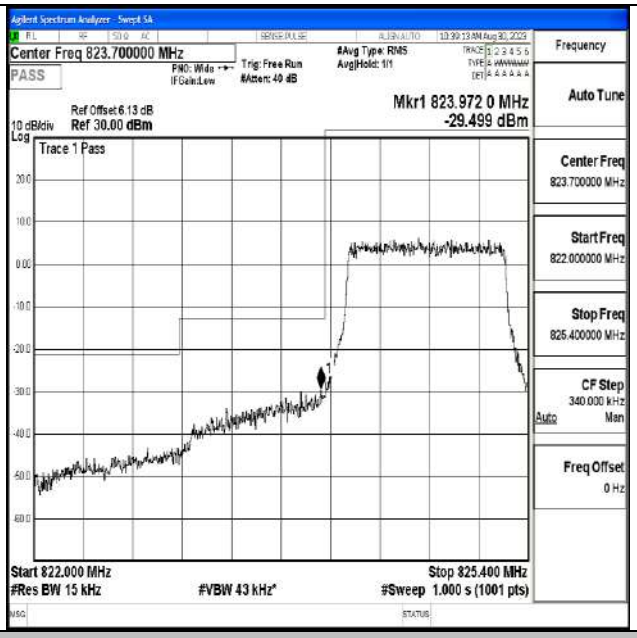
10MHz-20600

F.4 Band Edge

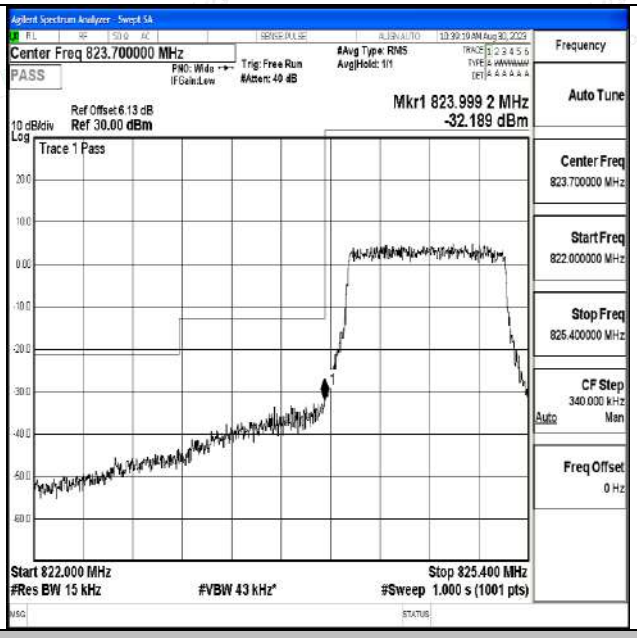
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.97	-29.50	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	824.00	-32.19	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.00	-30.61	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.00	-32.72	PASS
Band5	3MHz	QPSK	20415	15RB#0	822.97	-33.77	PASS
Band5	3MHz	16QAM	20415	15RB#0	822.95	-35.72	PASS
Band5	3MHz	QPSK	20635	15RB#0	850.06	-36.20	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-33.56	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-28.36	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.98	-31.21	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-30.99	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-31.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.93	-30.73	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-33.33	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.12	-30.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.07	-32.52	PASS

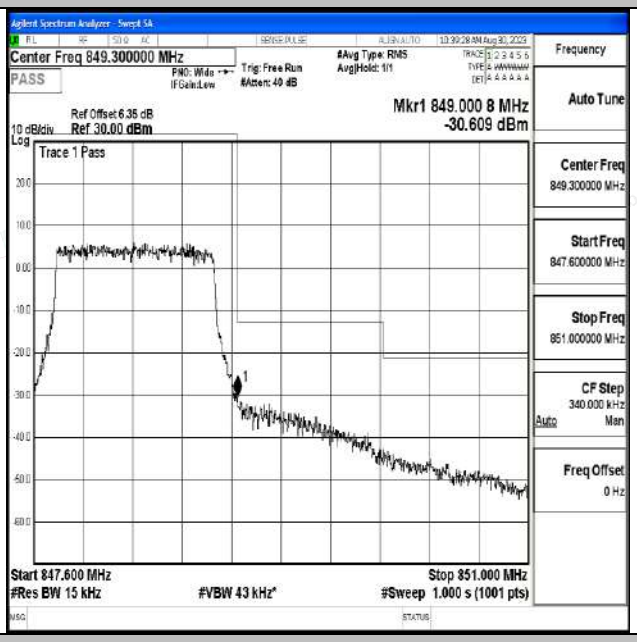
Test Graphs



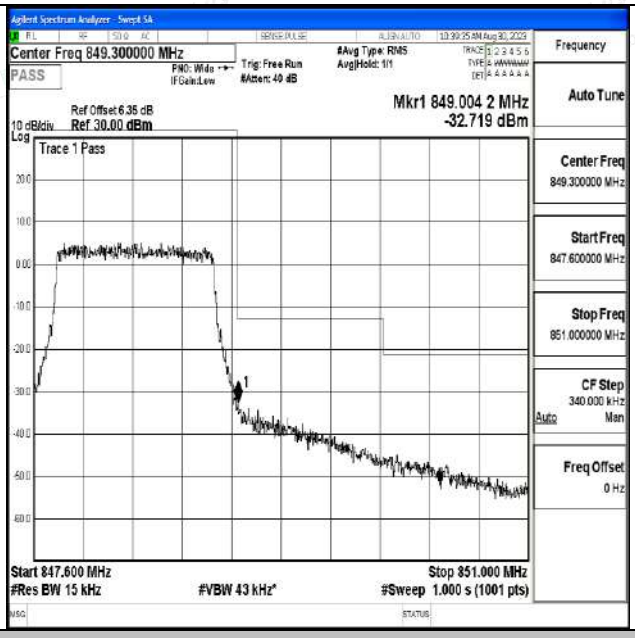
Band5_1.4MHz_QPSK_20407_6RB#0



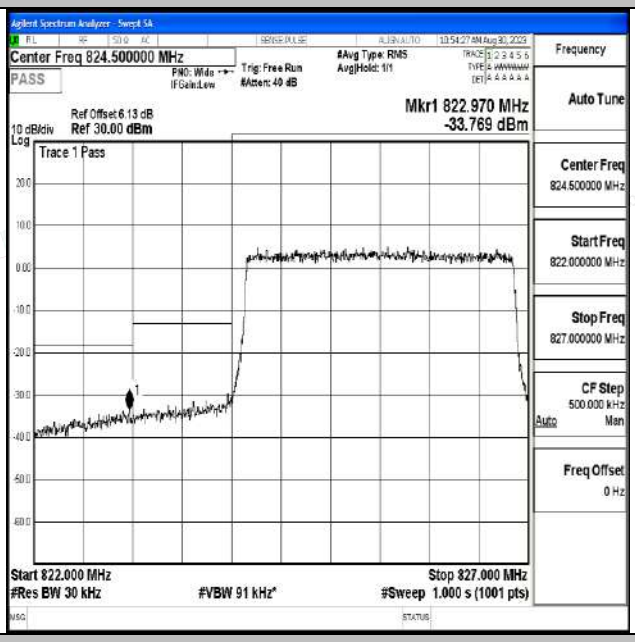
Band5_1.4MHz_16QAM_20407_6RB#0



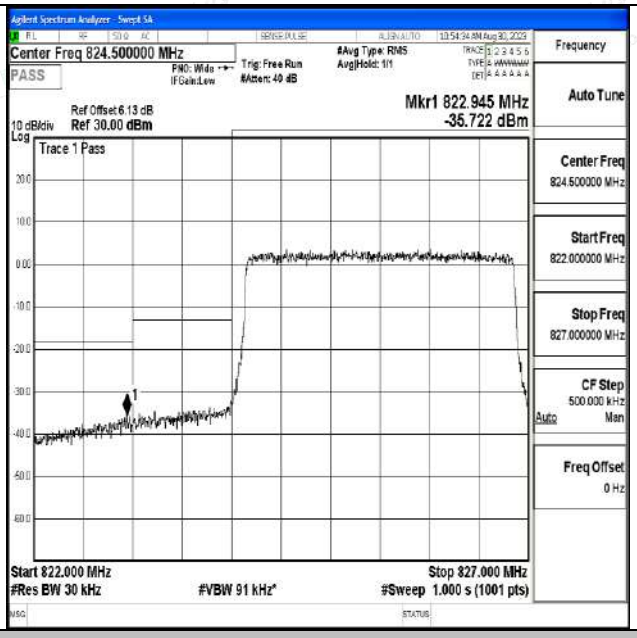
Band5_1.4MHz_QPSK_20643_6RB#0



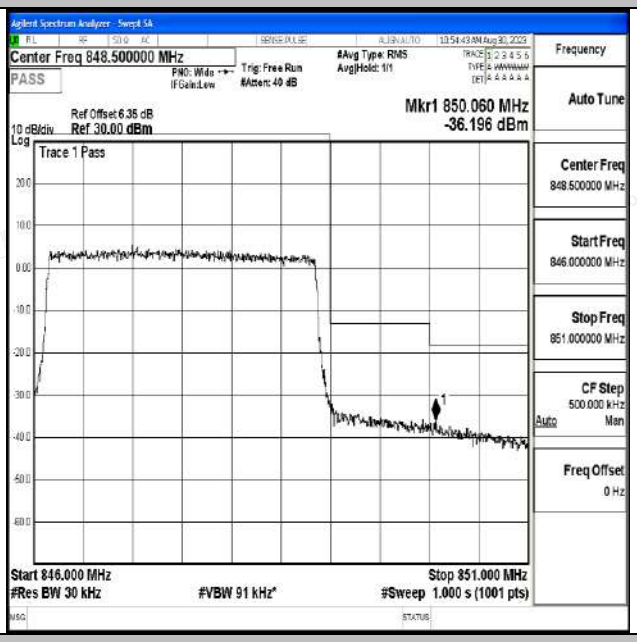
Band5_1.4MHz_16QAM_20643_6RB#0



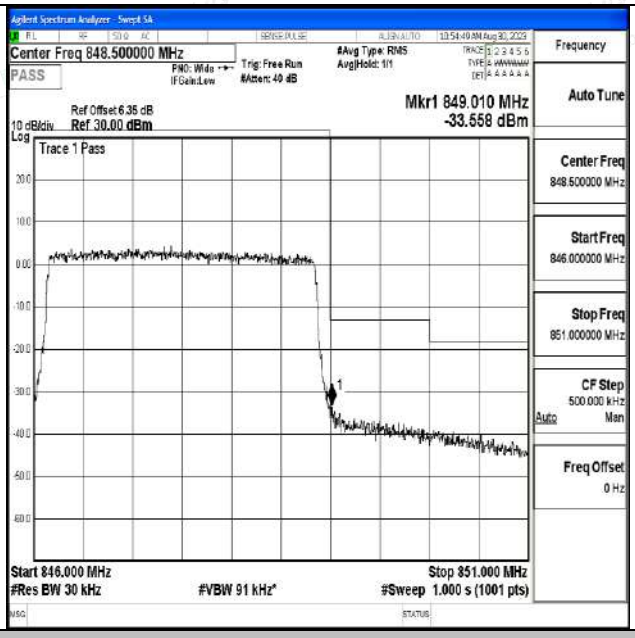
Band5_3MHz_QPSK_20415_15RB#0



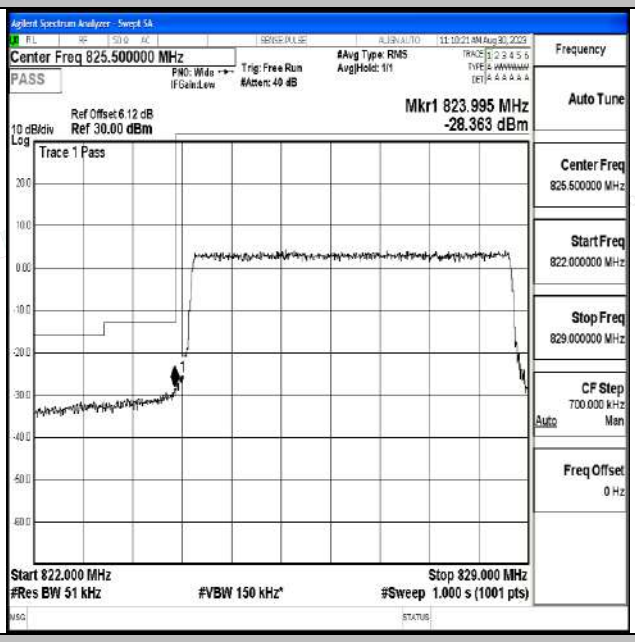
Band5_3MHz_16QAM_20415_15RB#0



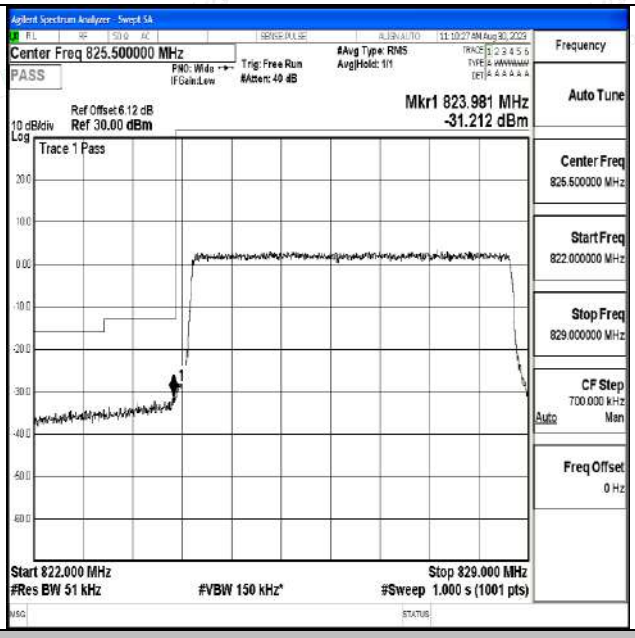
Band5_3MHz_QPSK_20635_15RB#0



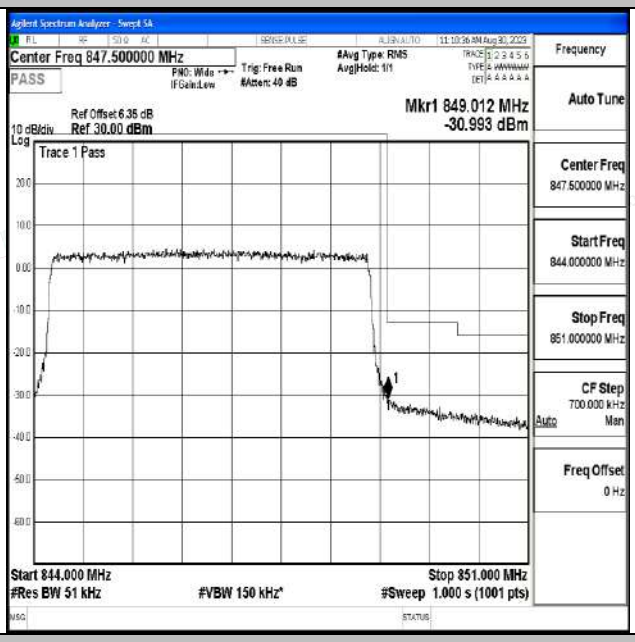
Band5_3MHz_16QAM_20635_15RB#0



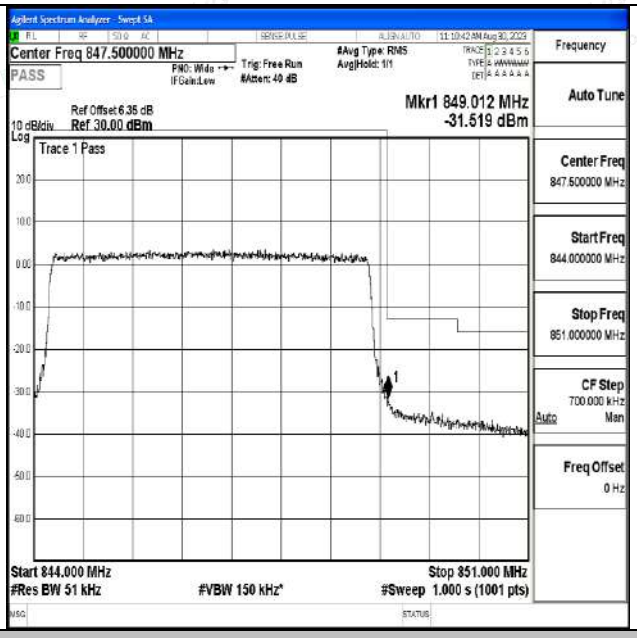
Band5_5MHz_QPSK_20425_25RB#0



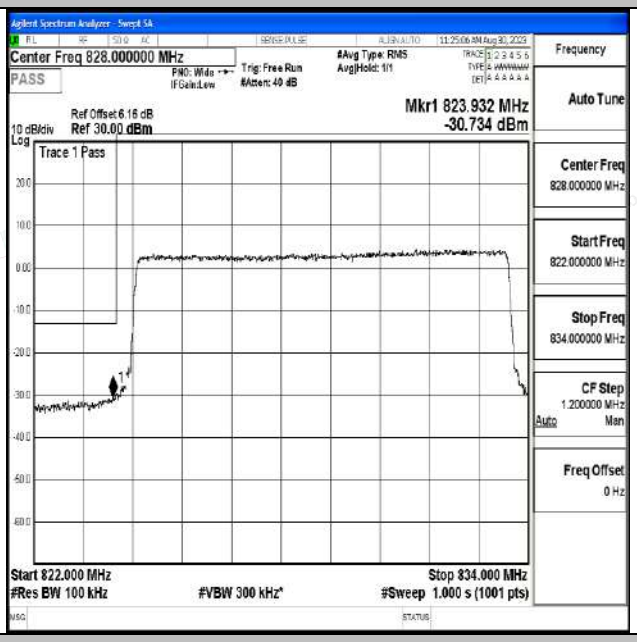
Band5_5MHz_16QAM_20425_25RB#0



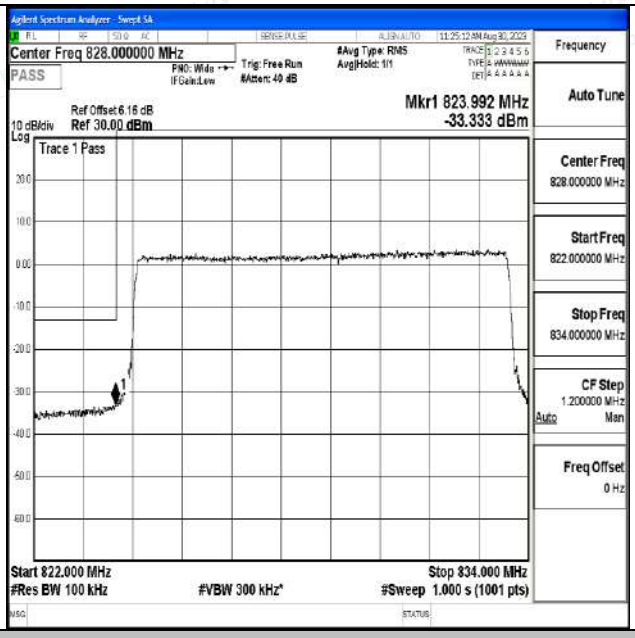
Band5_5MHz_QPSK_20625_25RB#0



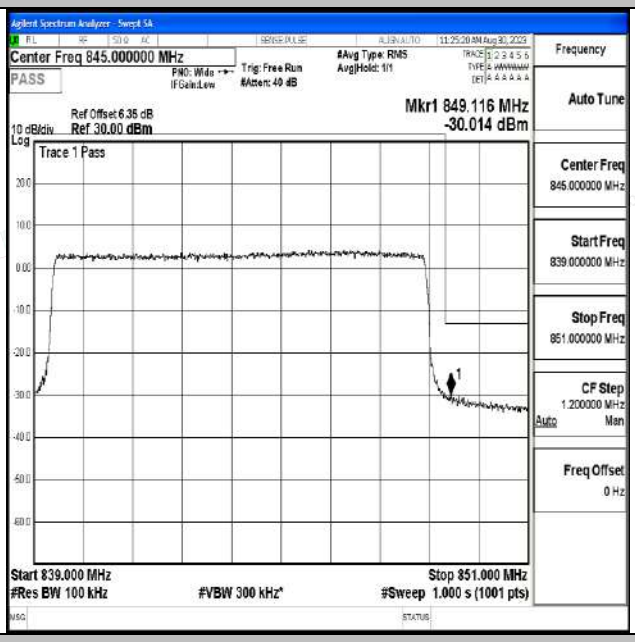
Band5_5MHz_16QAM_20625_25RB#0



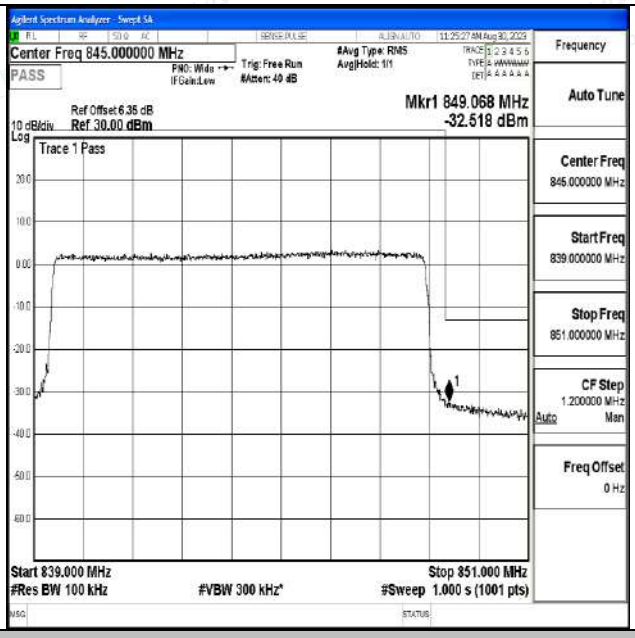
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

F.5 Conducted Spurious Emission

Test Result

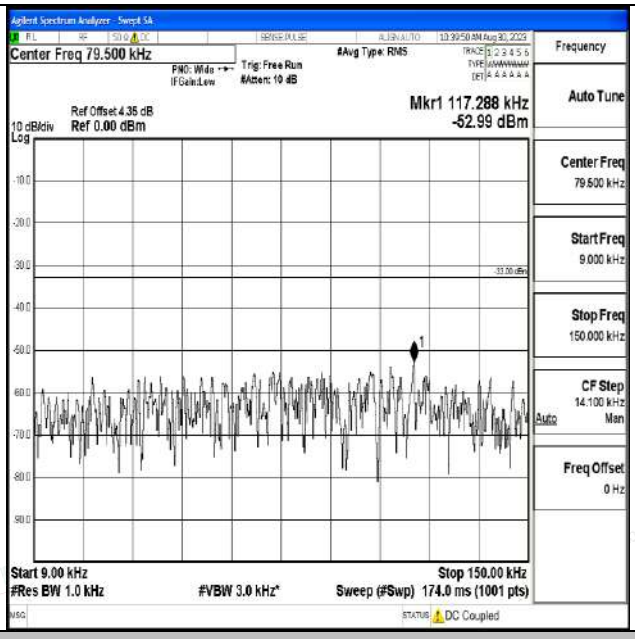
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-52.99	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-51.74	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-49.84	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-41.52	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-51.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-53.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-50.20	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.06	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-52.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.38	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-50.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-40.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-54.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.10	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-51.50	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-40.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-54.61	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-54.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-46.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-41.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-54.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-51.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-42.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.41	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-52.43	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-52.74	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-58.23	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-40.98	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.11	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-52.51	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-51.69	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-59.31	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.66	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.50	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-53.32	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-51.96	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-59.17	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-40.19	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.33	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-52.55	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-55.87	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-58.76	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-40.05	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.42	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-56.78	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.44	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-57.52	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.38	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.08	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-57.91	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-51.42	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-58.24	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-42.16	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.31	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-53.50	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-53.03	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-62.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-40.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.29	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-53.82	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-53.91	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-62.77	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-41.81	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.28	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-53.62	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-56.29	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-63.09	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-41.13	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.11	PASS

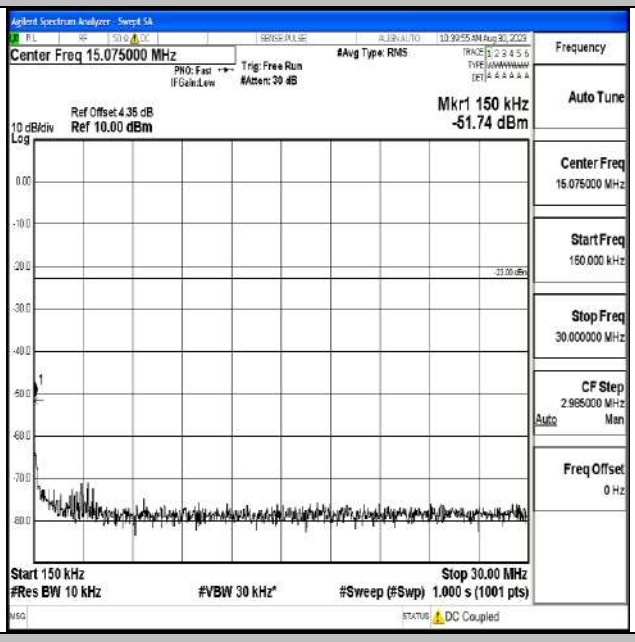
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-54.63	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.37	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-62.98	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-41.25	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.59	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-56.80	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-53.01	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-62.95	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-42.84	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.28	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-58.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.41	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-62.76	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-42.58	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.54	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-53.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.01	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.55	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-41.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.28	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-54.31	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.71	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-63.10	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.22	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-49.67	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.68	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.65	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-40.73	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-43.94	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-53.57	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.47	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.62	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-41.35	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.49	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-54.26	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-53.99	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.72	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-41.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.12	PASS

Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-55.90	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-50.46	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-63.02	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-41.13	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.08	PASS

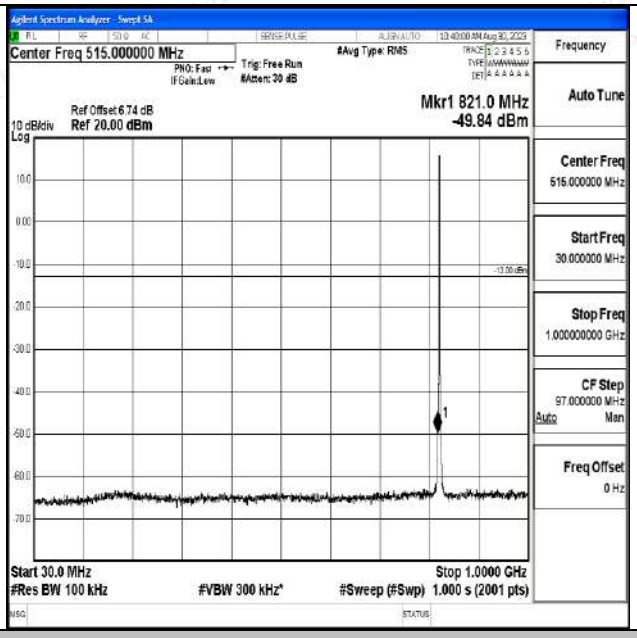
Test Graphs



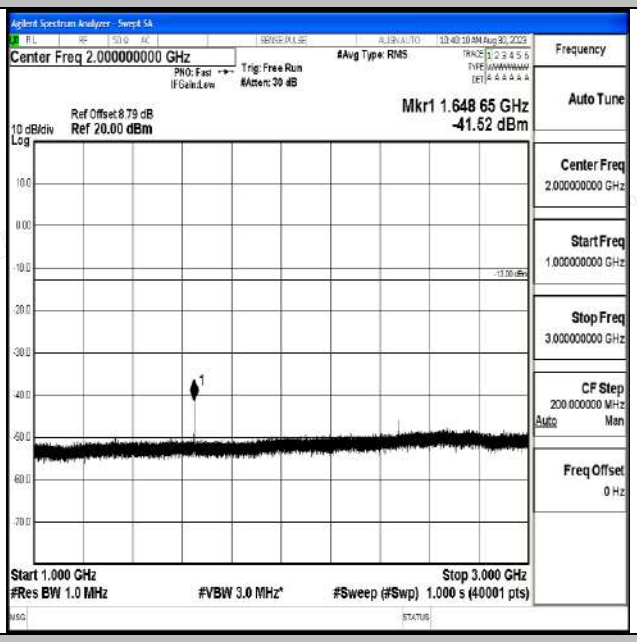
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



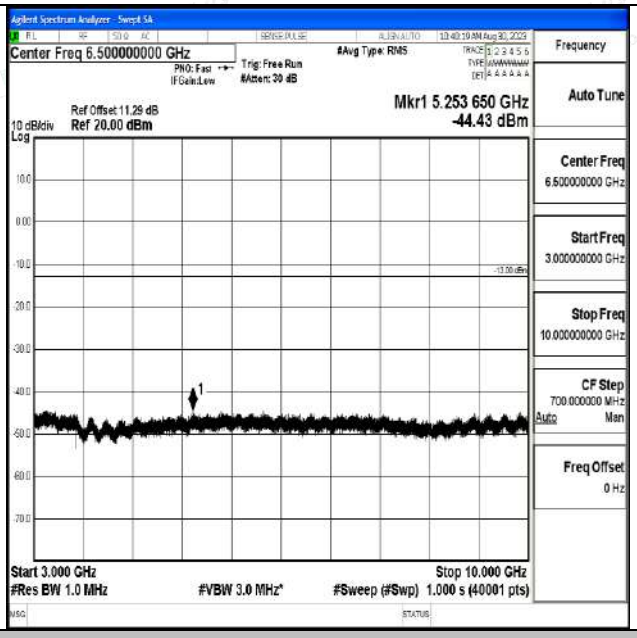
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



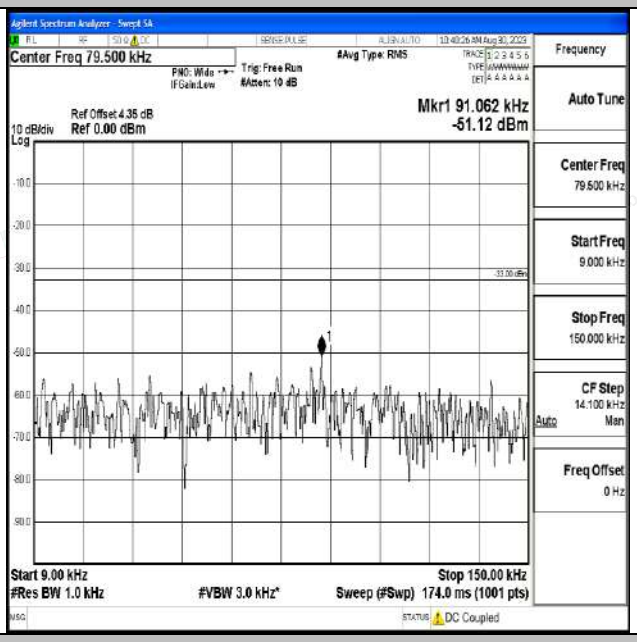
Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



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



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



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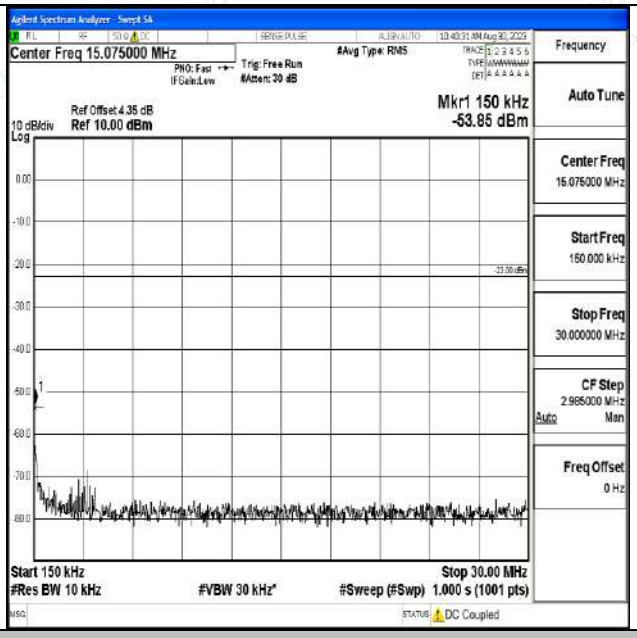
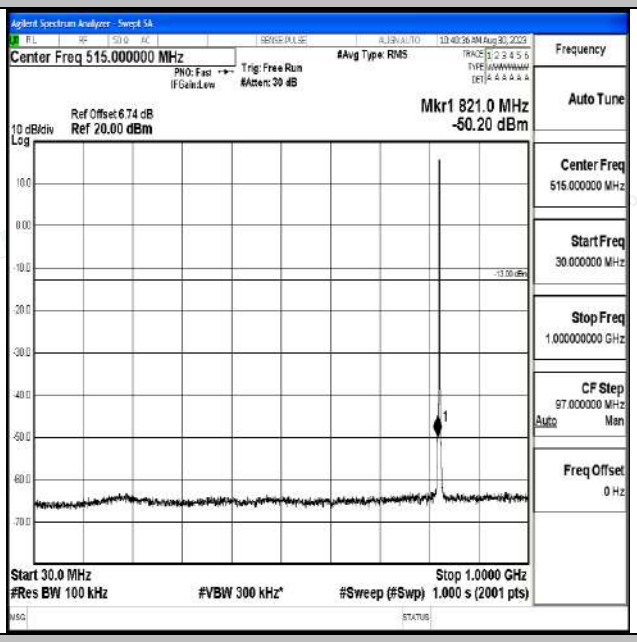
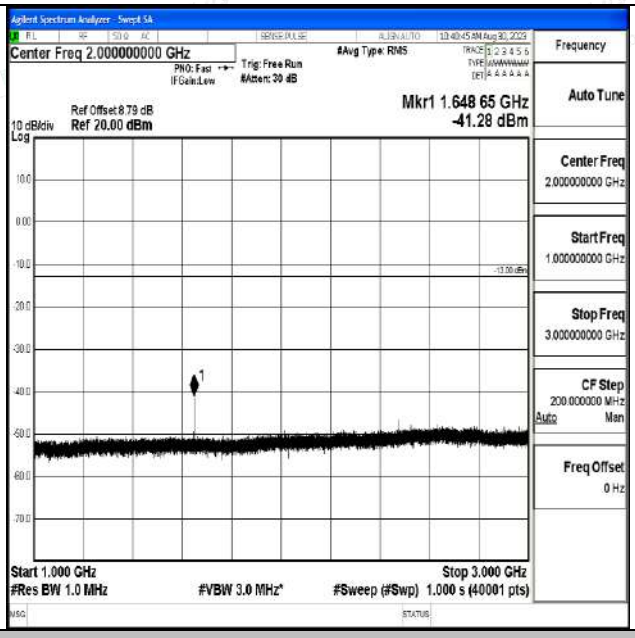


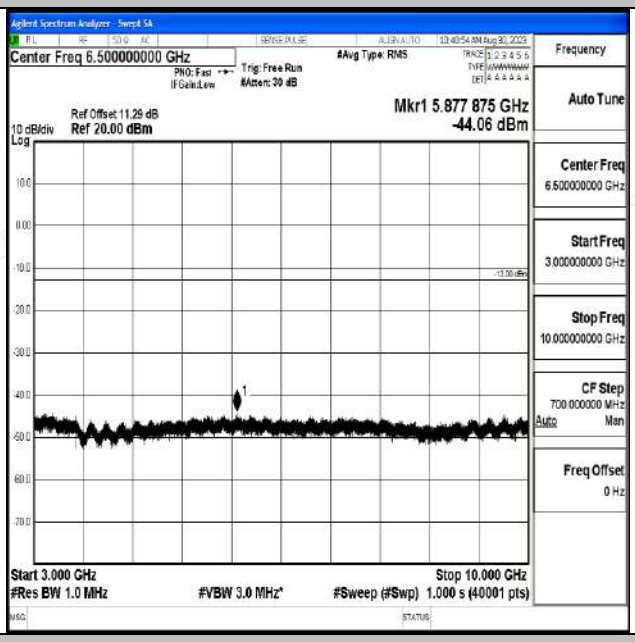
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



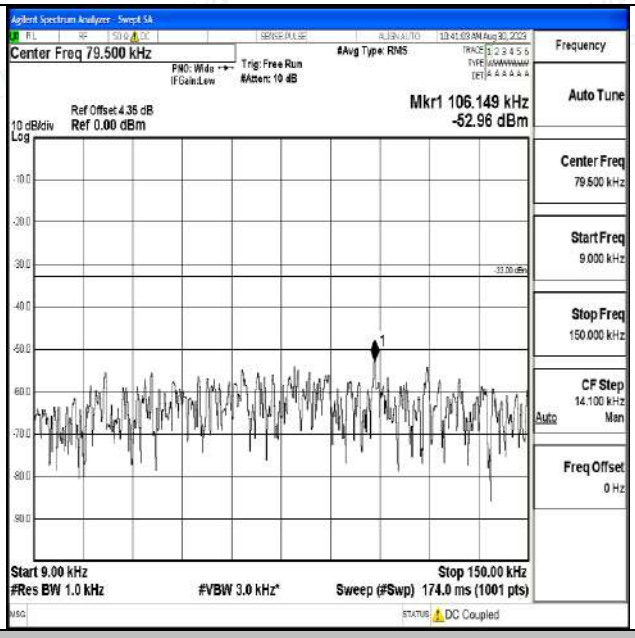
Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



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



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



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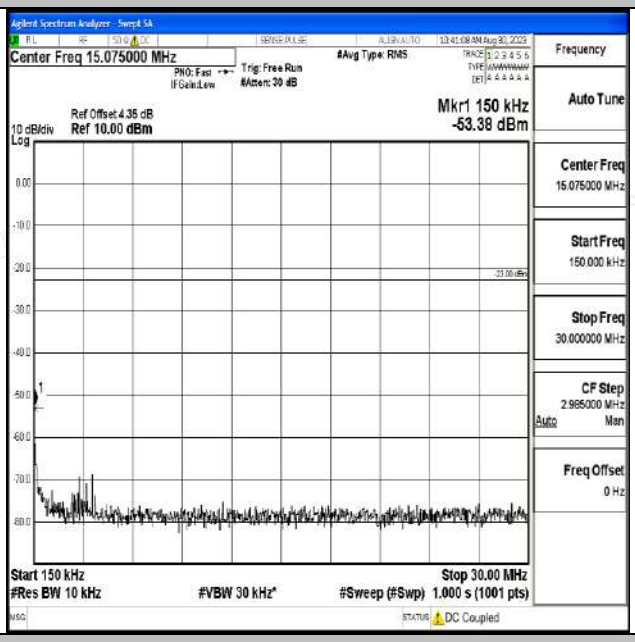
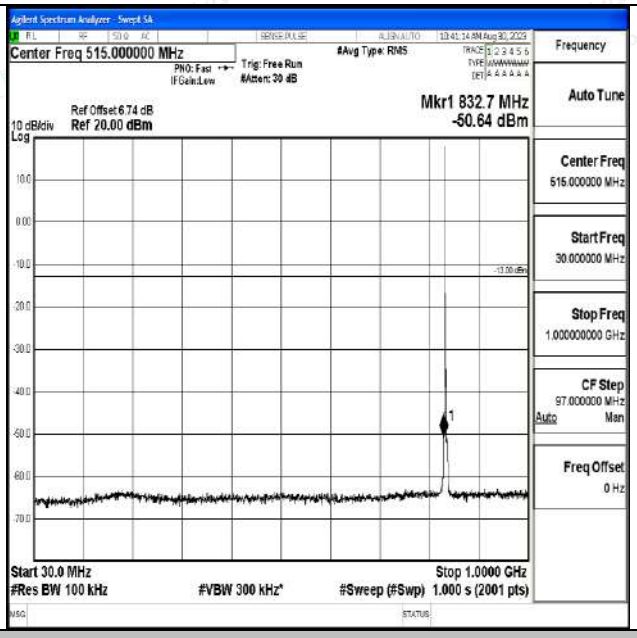
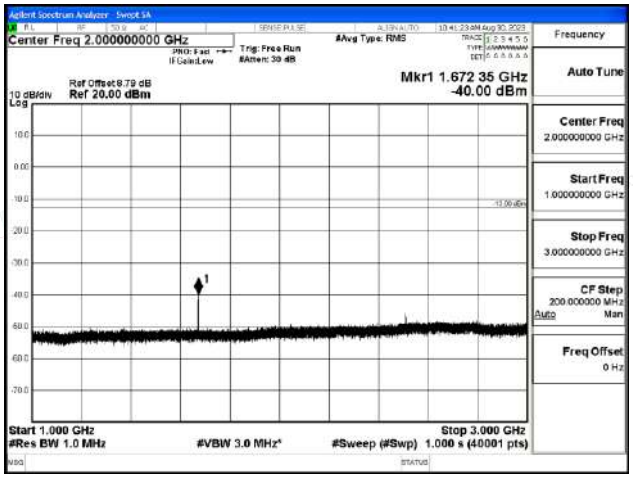


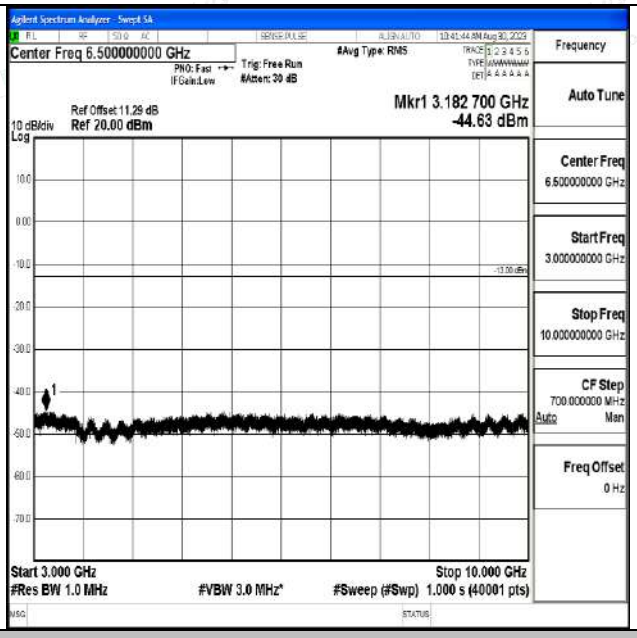
Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



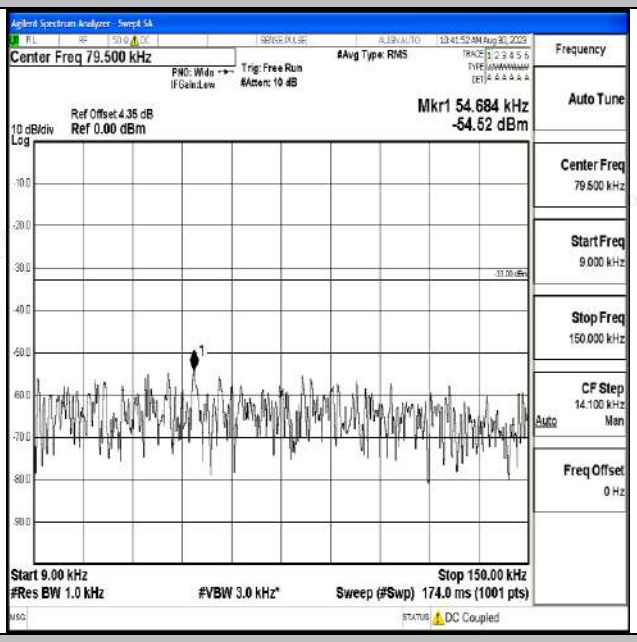
Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



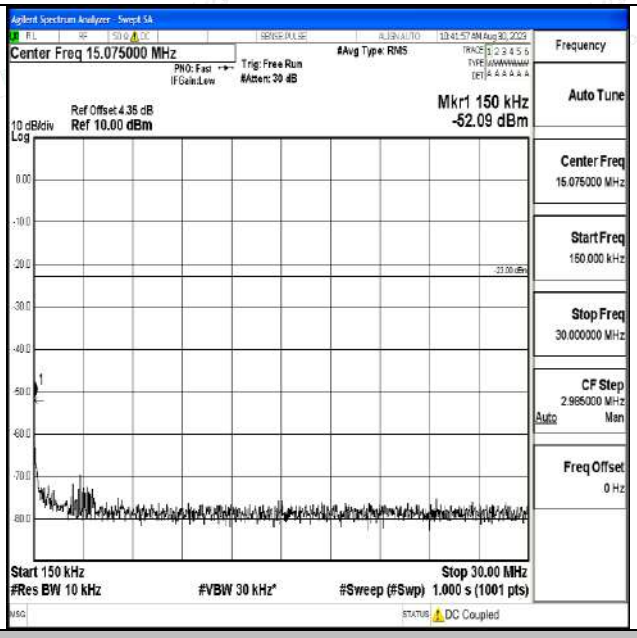
Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



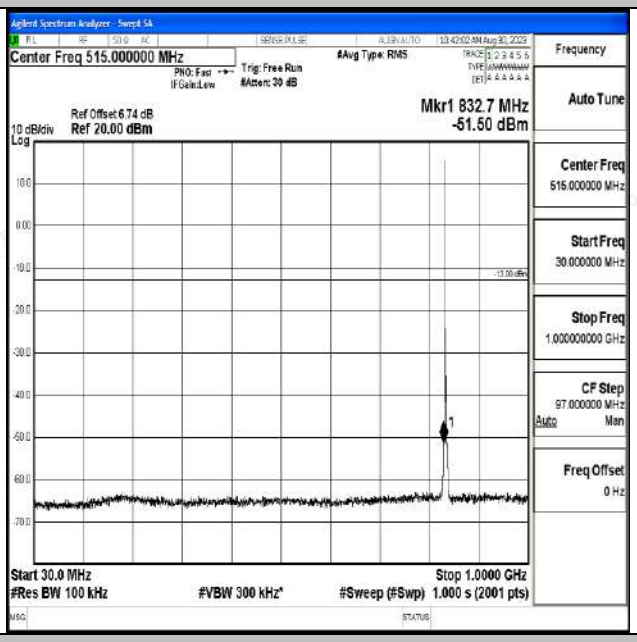
Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



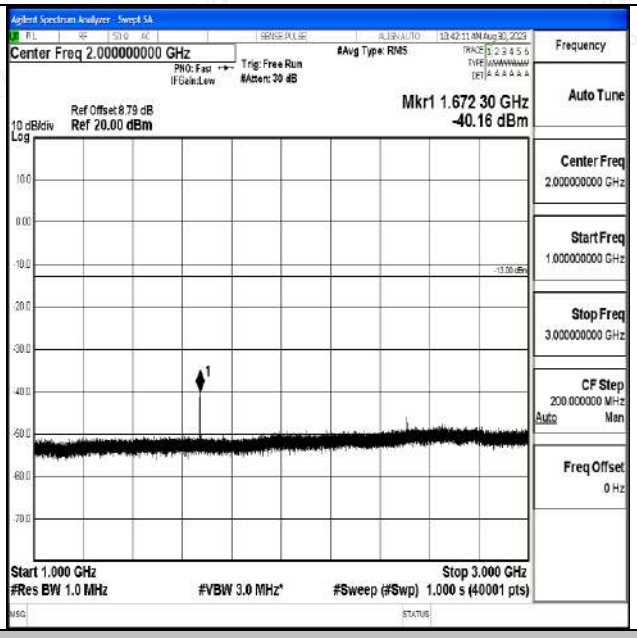
Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



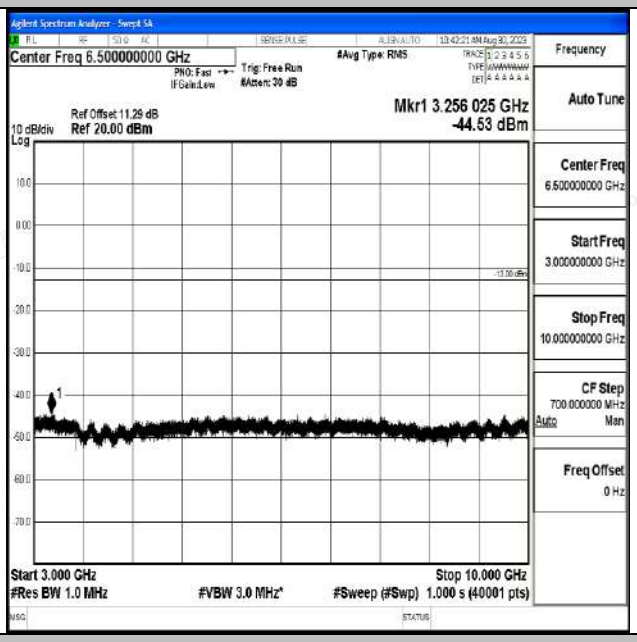
Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



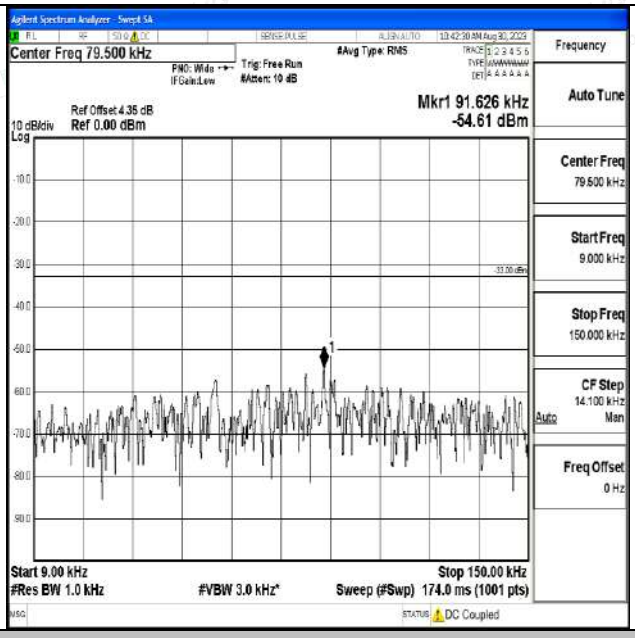
Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



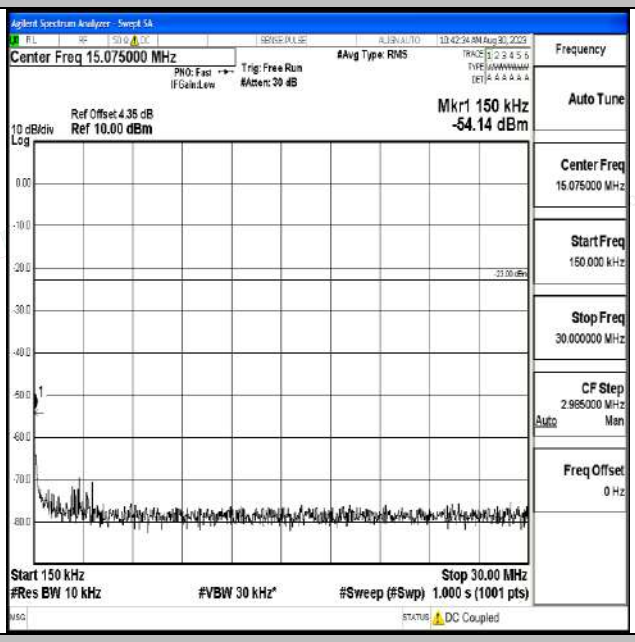
Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



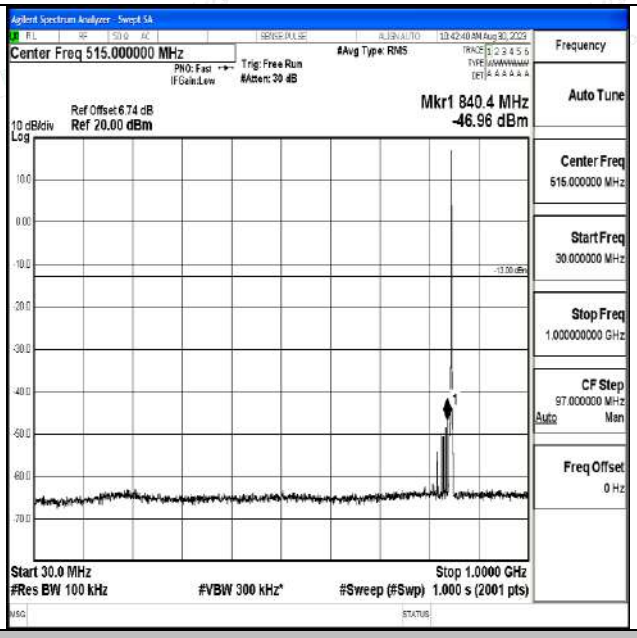
Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



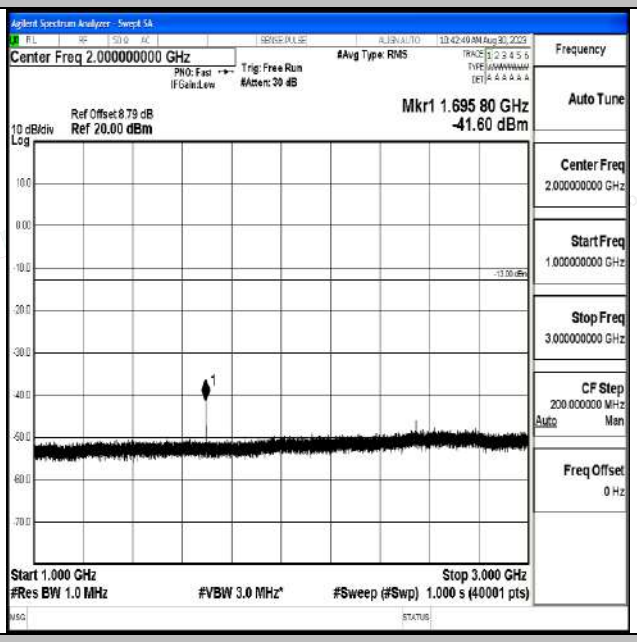
Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15



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



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



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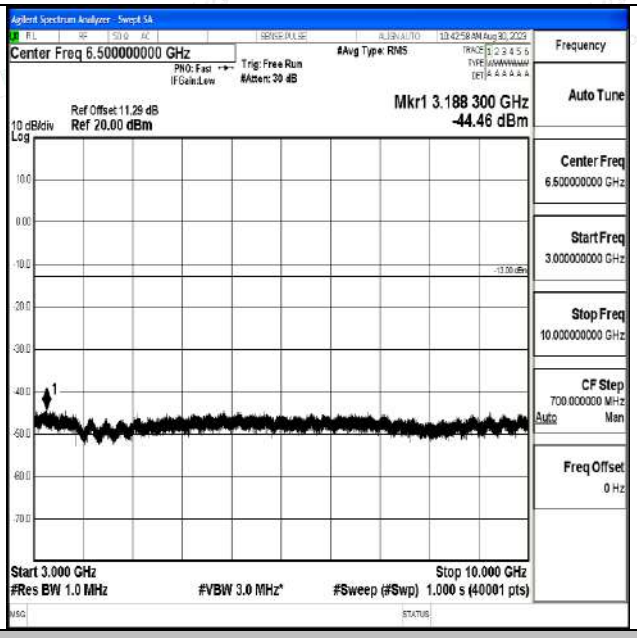

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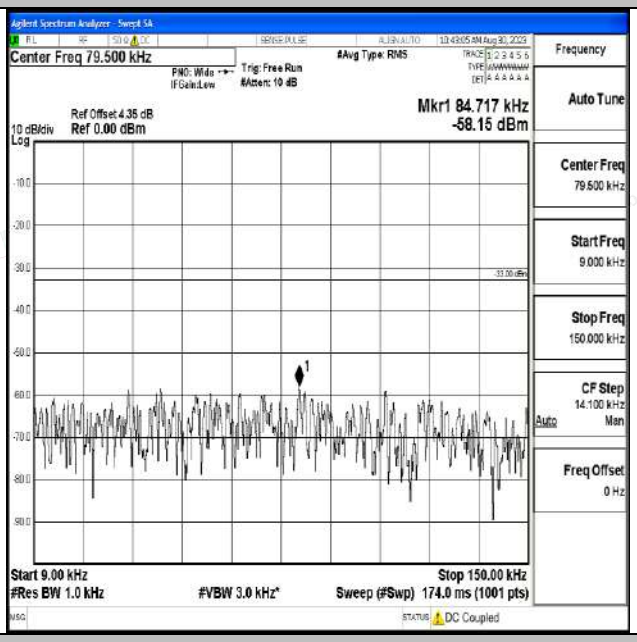
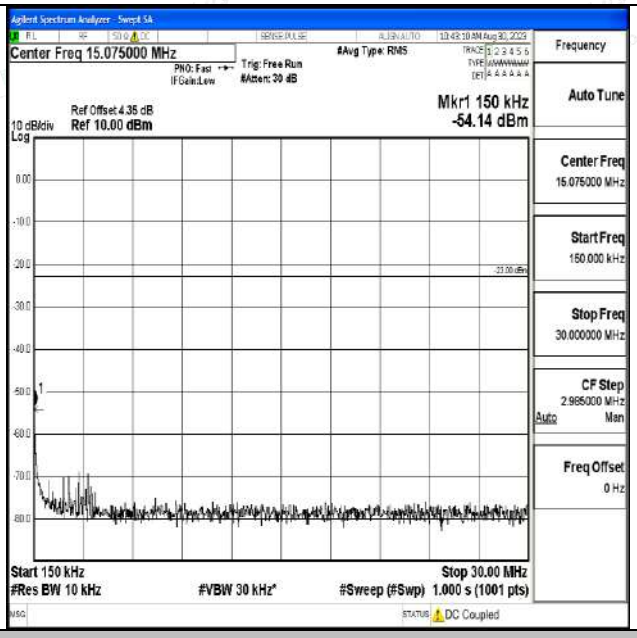
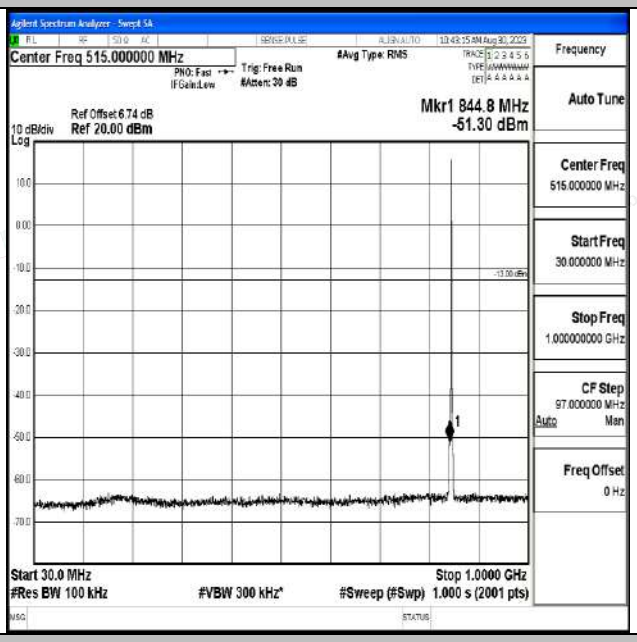


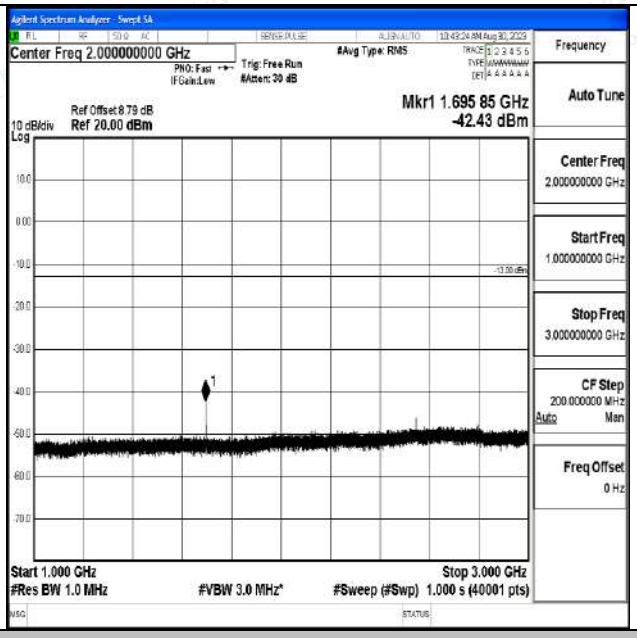
Band5_1.4MHz_16QAM_20643_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_16QAM_20643_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_16QAM_20643_1RB#0_30~1000_30~1000



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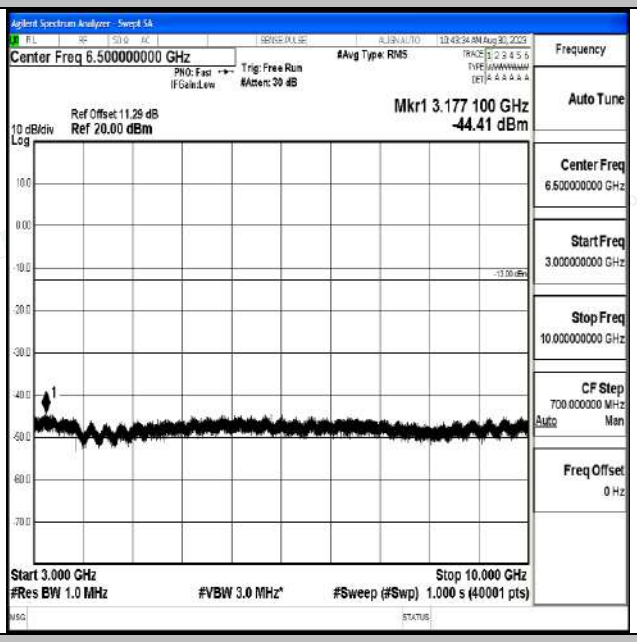
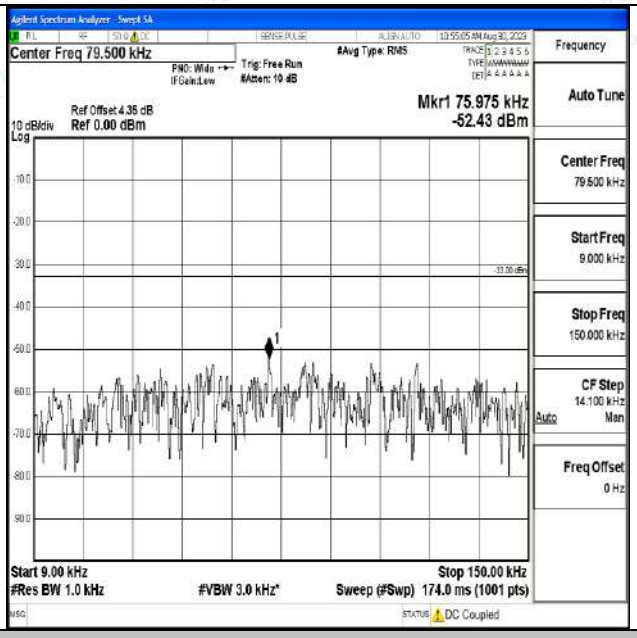


Band5_1.4MHz_16QAM_20643_1RB#0_3000~10000_3000~10000



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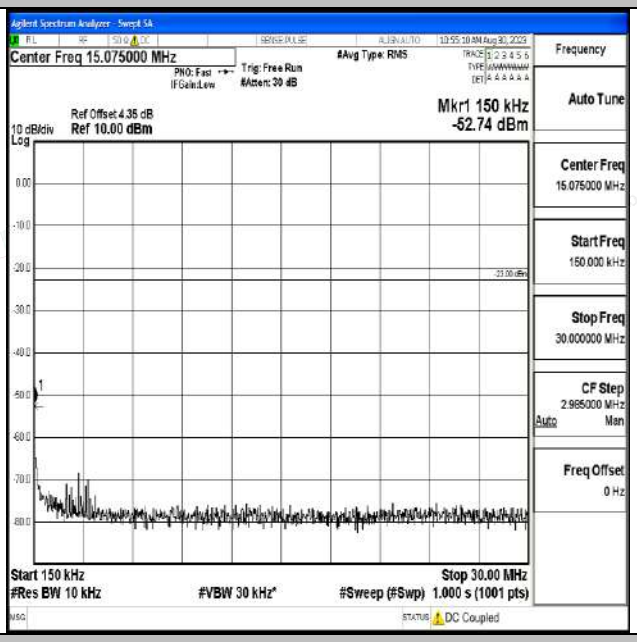

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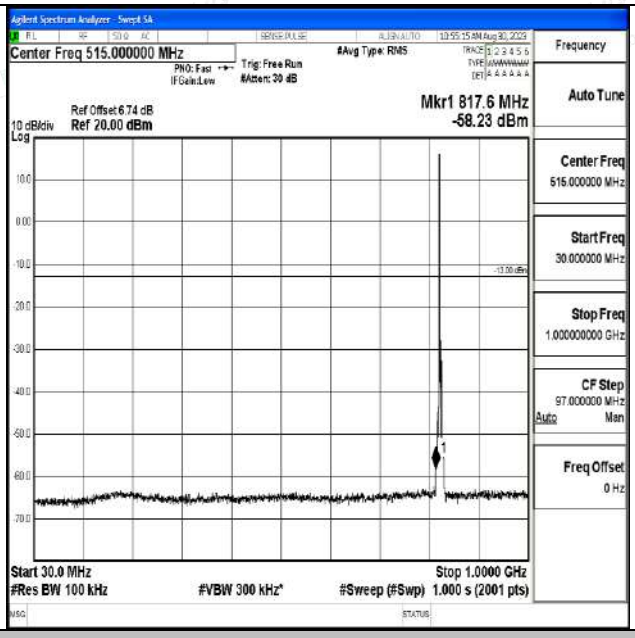

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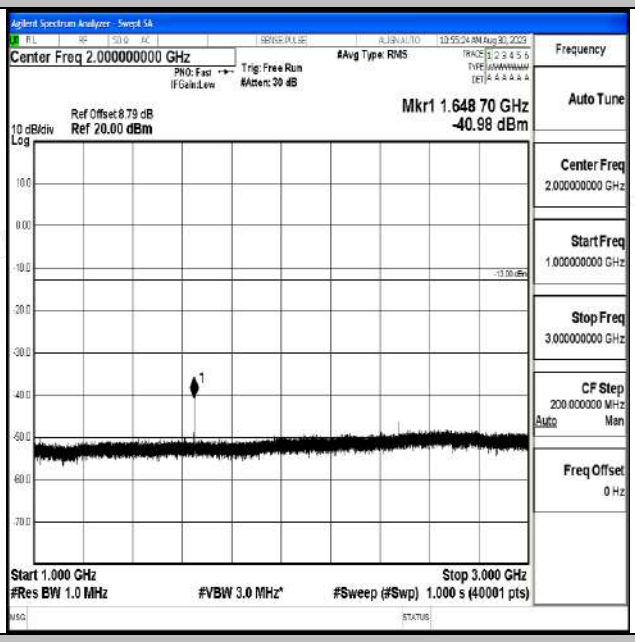

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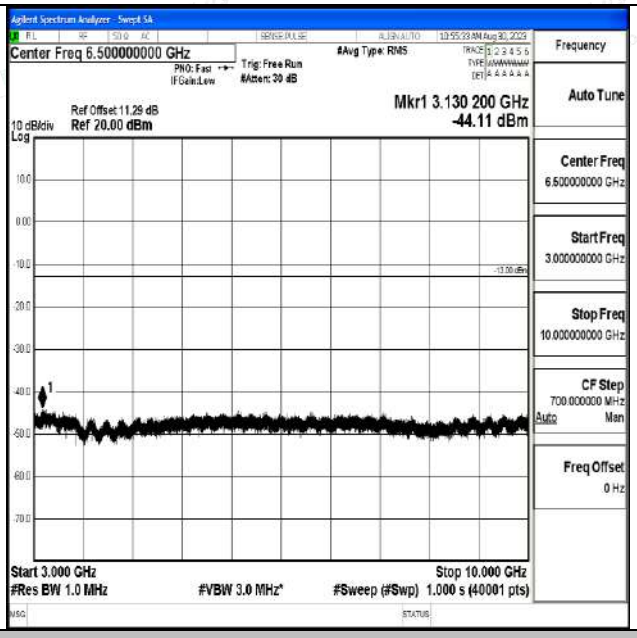
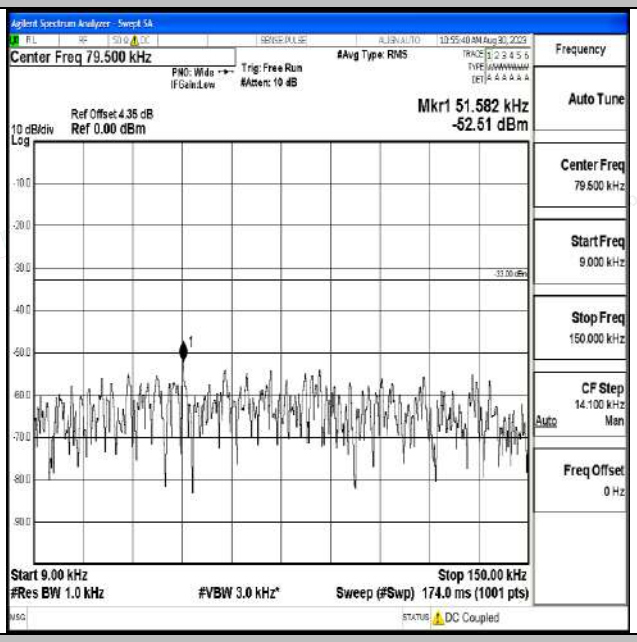
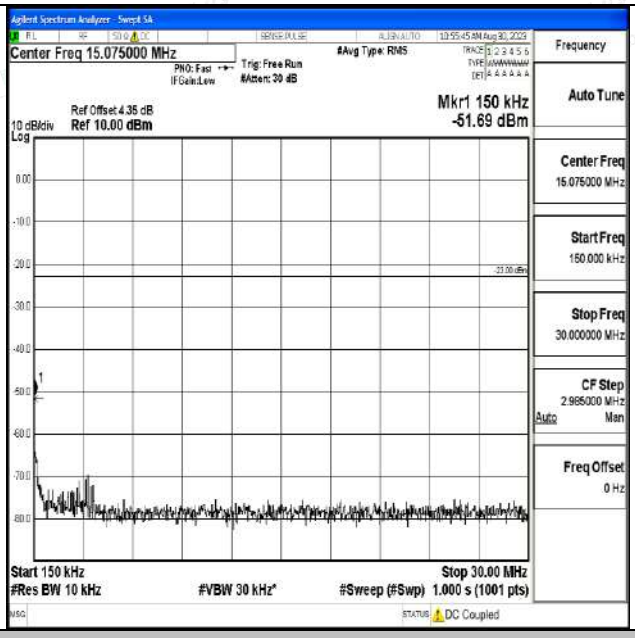


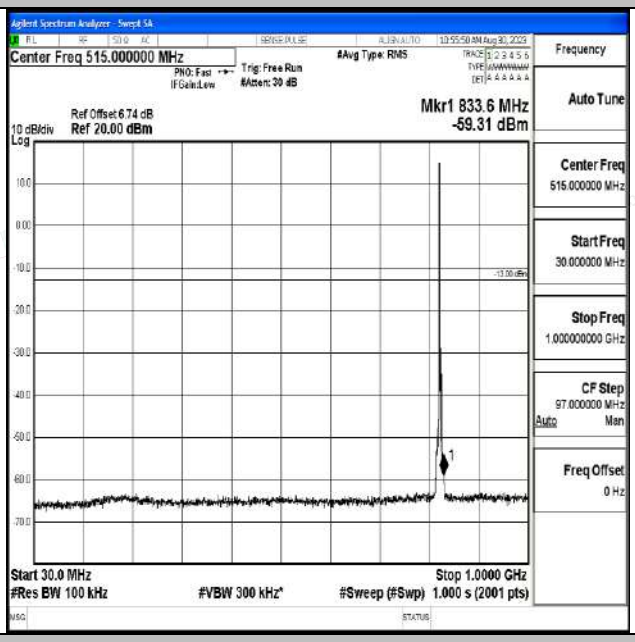
Band5_3MHz_QPSK_20415_1RB#0_3000~10000_3000~10000



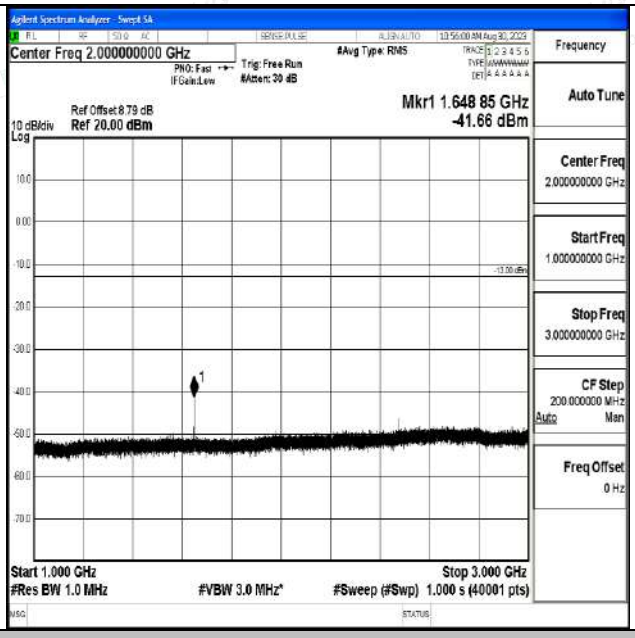
Band5_3MHz_16QAM_20415_1RB#0_0.009~0.15_0.009~0.15



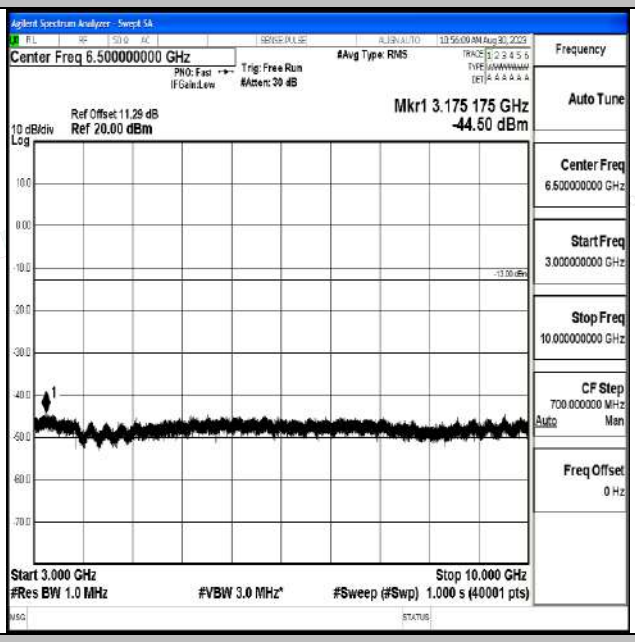
Band5_3MHz_16QAM_20415_1RB#0_0.15~30_0.15~30



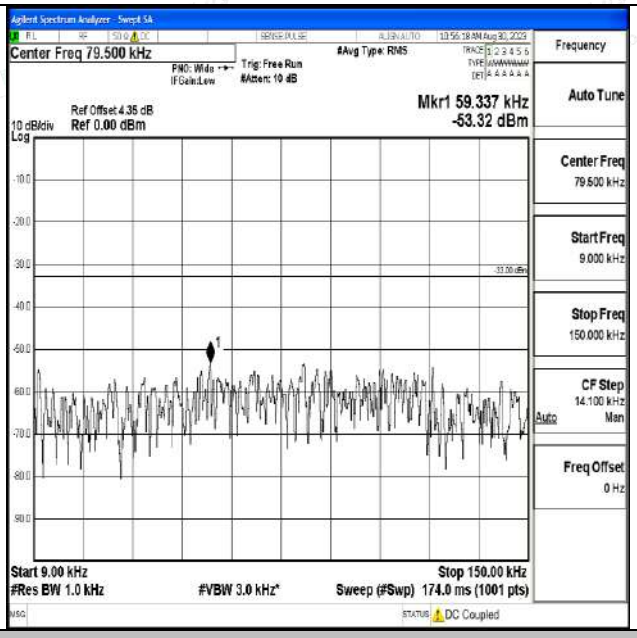
Band5_3MHz_16QAM_20415_1RB#0_30~1000_30~1000



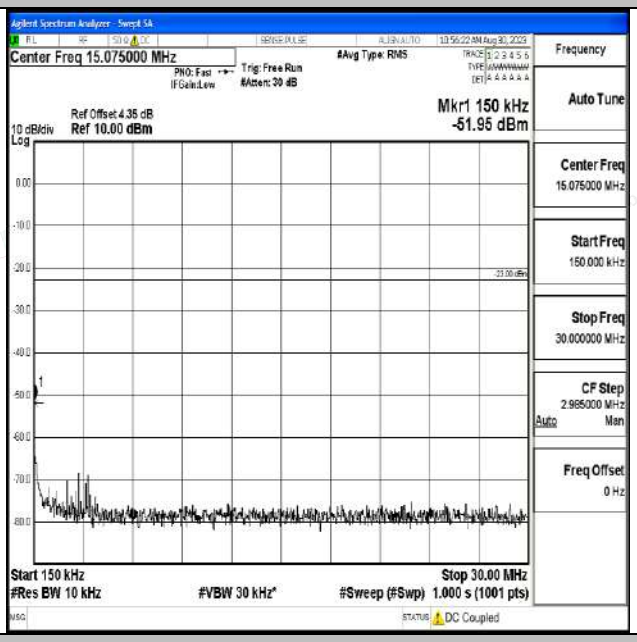
Band5_3MHz_16QAM_20415_1RB#0_1000~3000_1000~3000



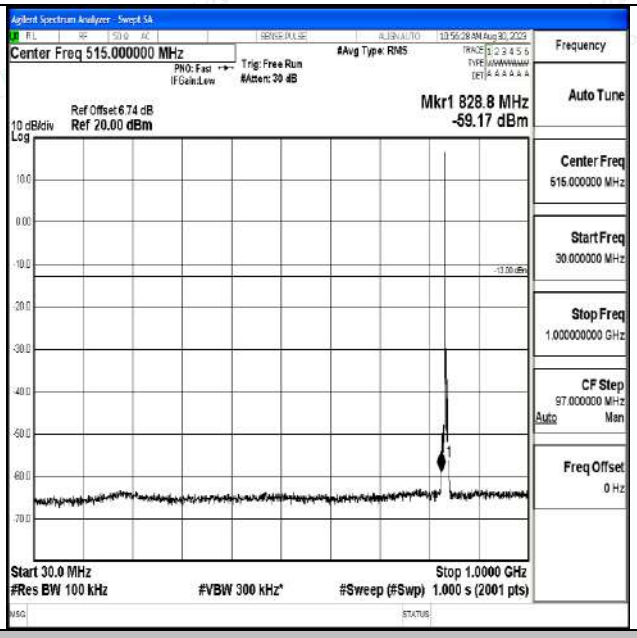
Band5_3MHz_16QAM_20415_1RB#0_3000~10000_3000~10000



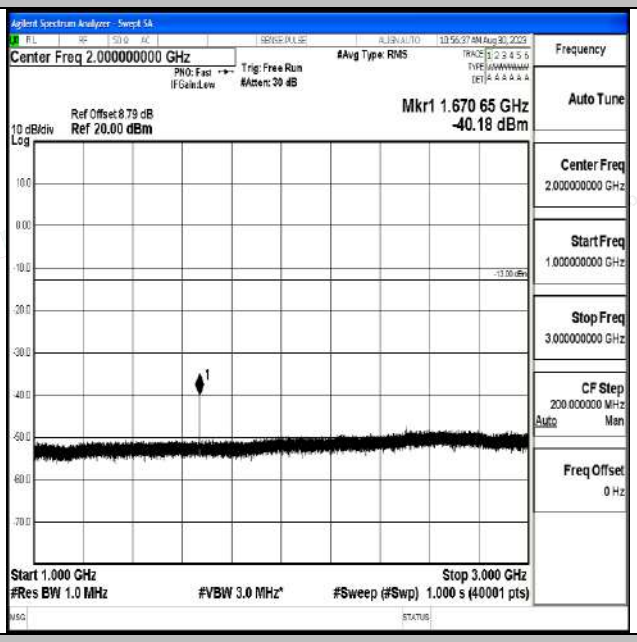
Band5_3MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15



Band5_3MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



Band5_3MHz_QPSK_20525_1RB#0_30~1000_30~1000



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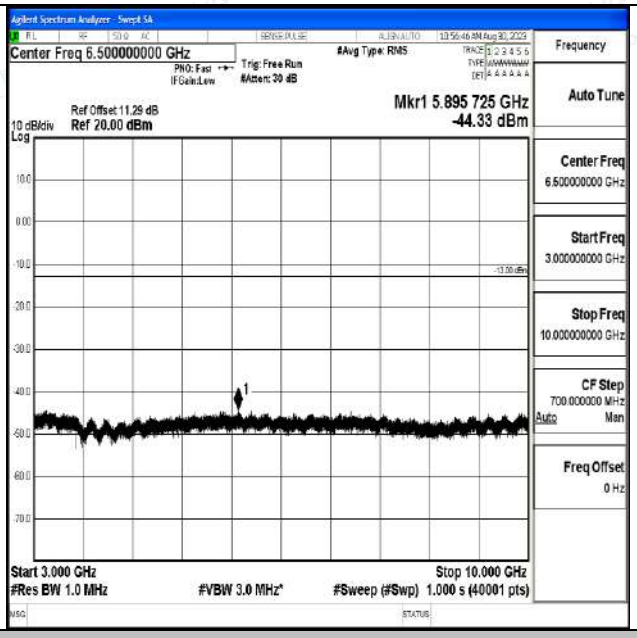

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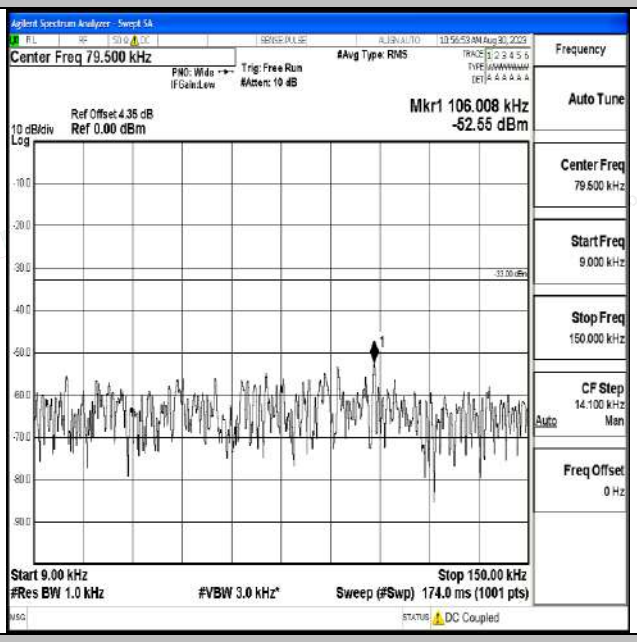
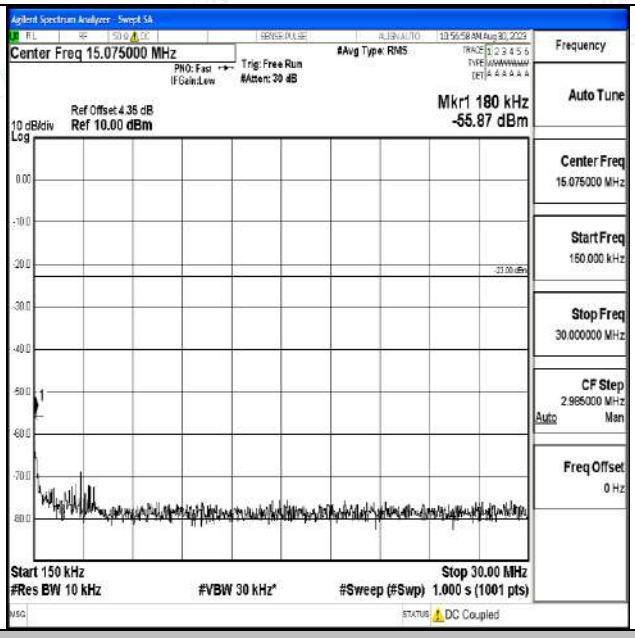
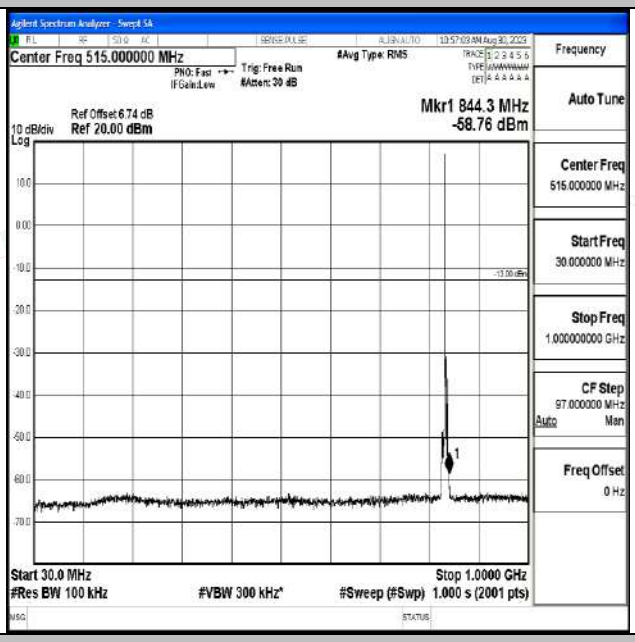


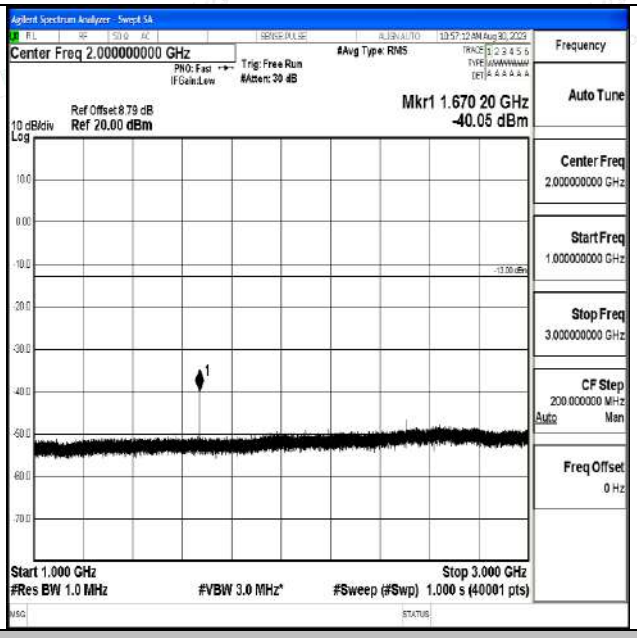
Band5_3MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



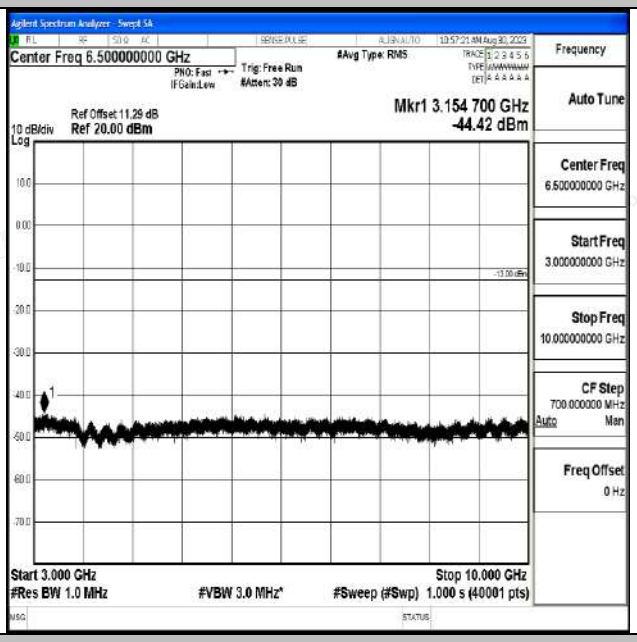
Band5_3MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



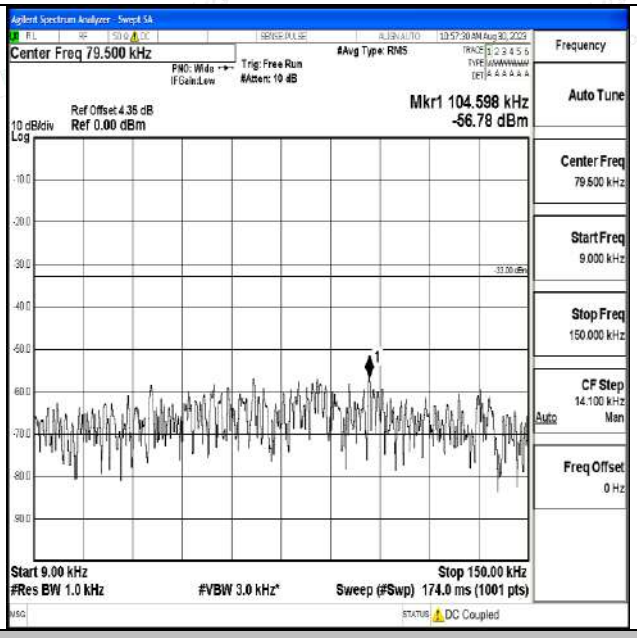
Band5_3MHz_16QAM_20525_1RB#0_30~1000_30~1000



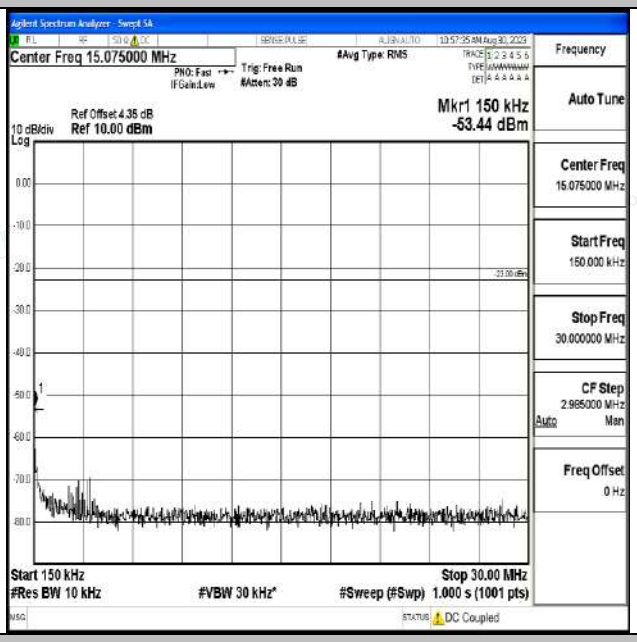
Band5_3MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



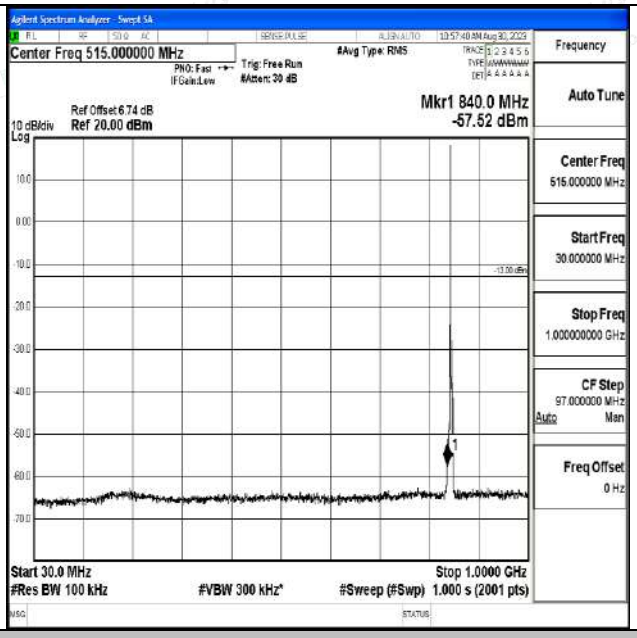
Band5_3MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



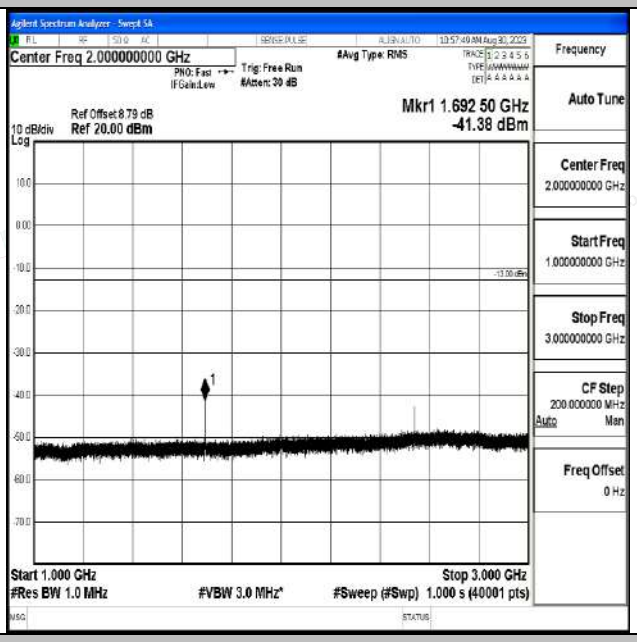
Band5_3MHz_QPSK_20635_1RB#0_0.009~0.15_0.009~0.15



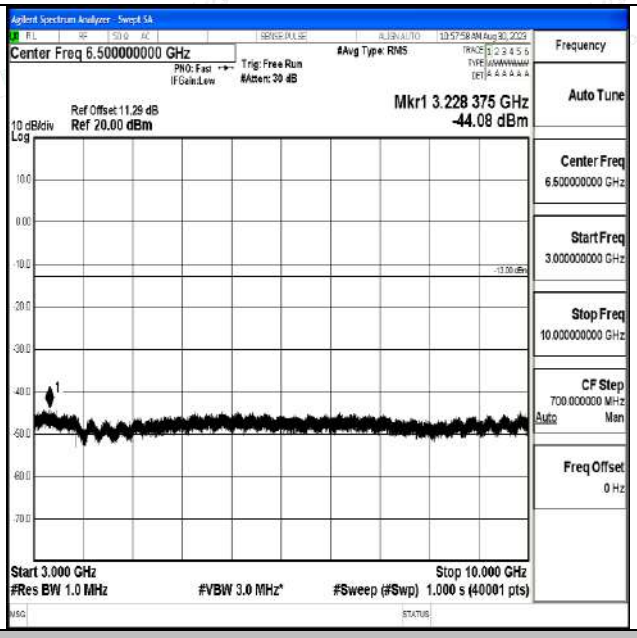
Band5_3MHz_QPSK_20635_1RB#0_0.15~30_0.15~30



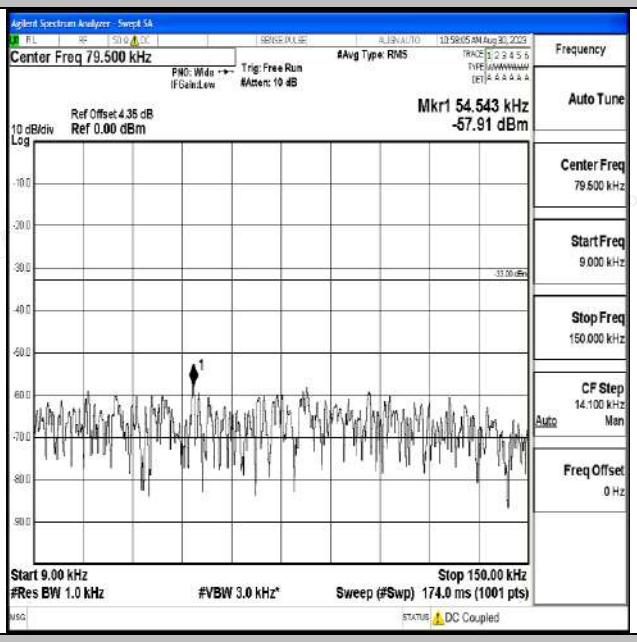
Band5_3MHz_QPSK_20635_1RB#0_30~1000_30~1000



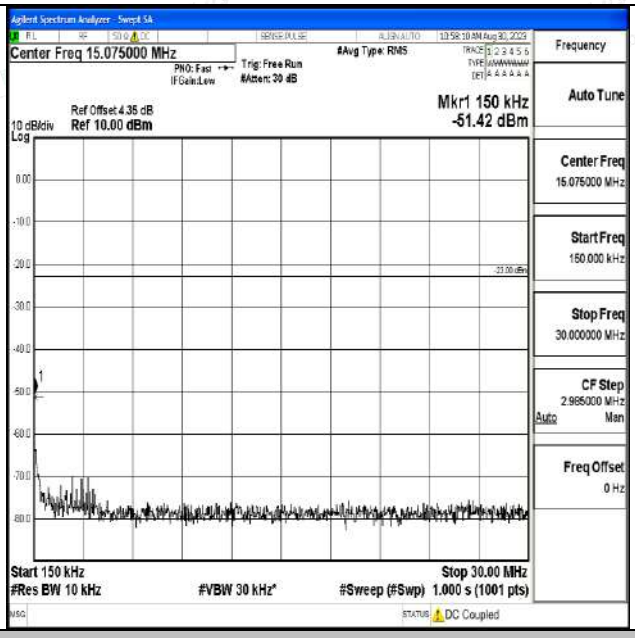
Band5_3MHz_QPSK_20635_1RB#0_1000~3000_1000~3000



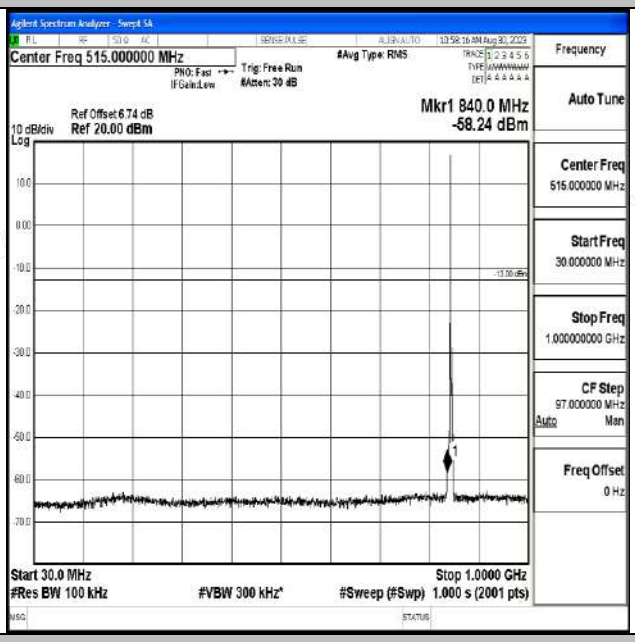
Band5_3MHz_QPSK_20635_1RB#0_3000~10000_3000~10000



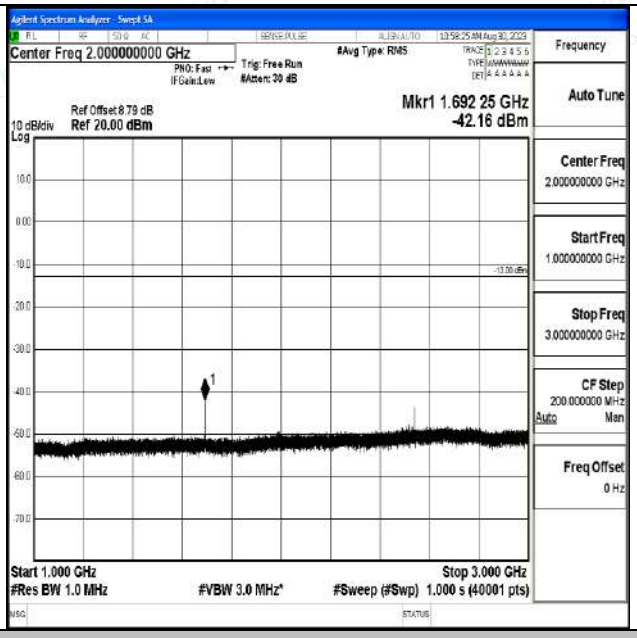
Band5_3MHz_16QAM_20635_1RB#0_0.009~0.15_0.009~0.15



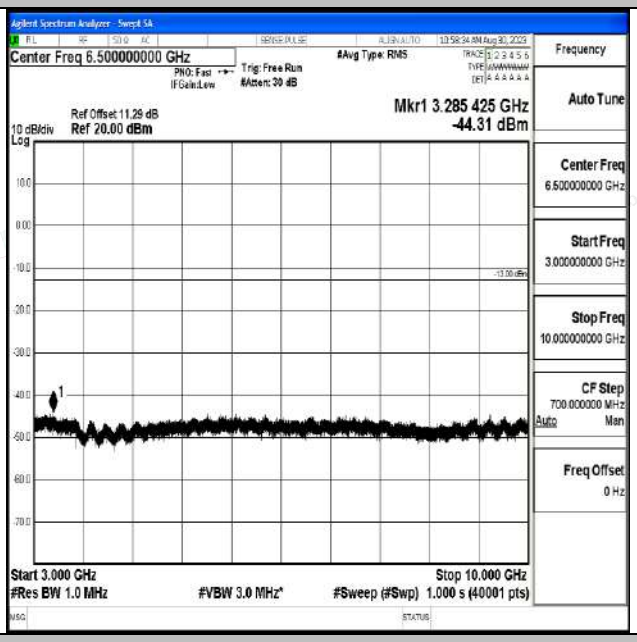
Band5_3MHz_16QAM_20635_1RB#0_0.15~30_0.15~30



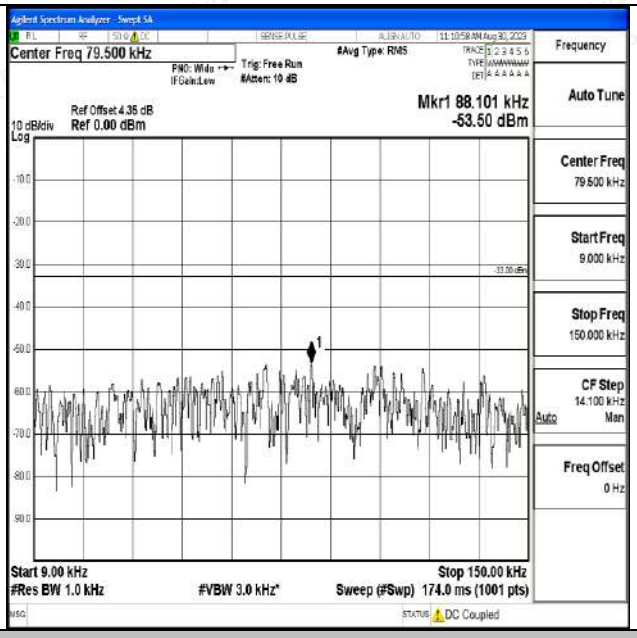
Band5_3MHz_16QAM_20635_1RB#0_30~1000_30~1000



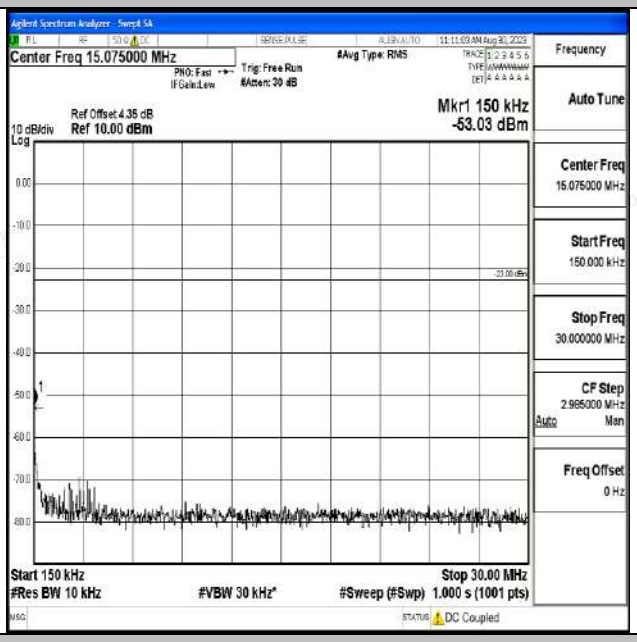
Band5_3MHz_16QAM_20635_1RB#0_1000~3000_1000~3000



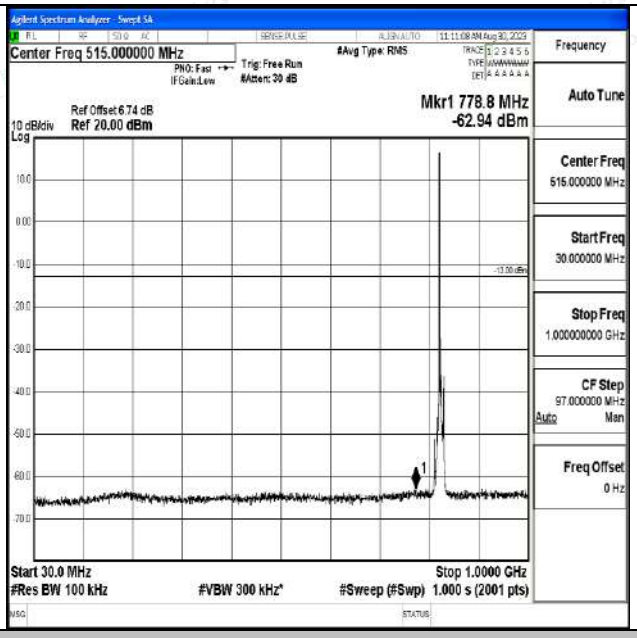
Band5_3MHz_16QAM_20635_1RB#0_3000~10000_3000~10000



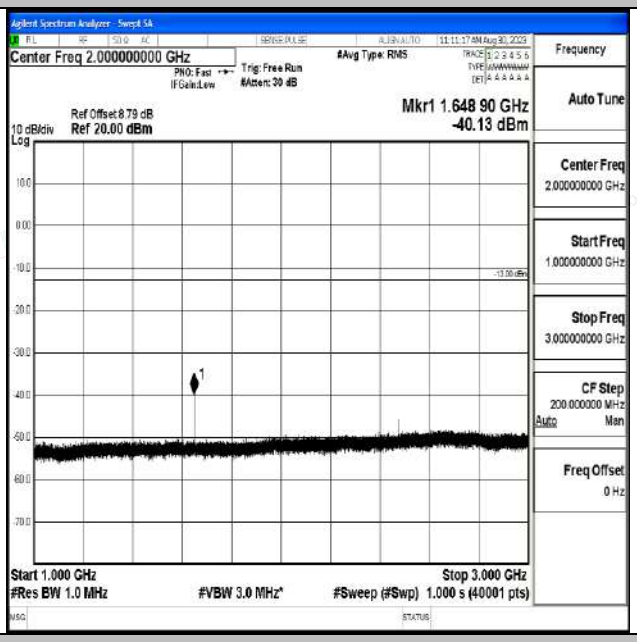
Band5_5MHz_QPSK_20425_1RB#0_0.009~0.15_0.009~0.15



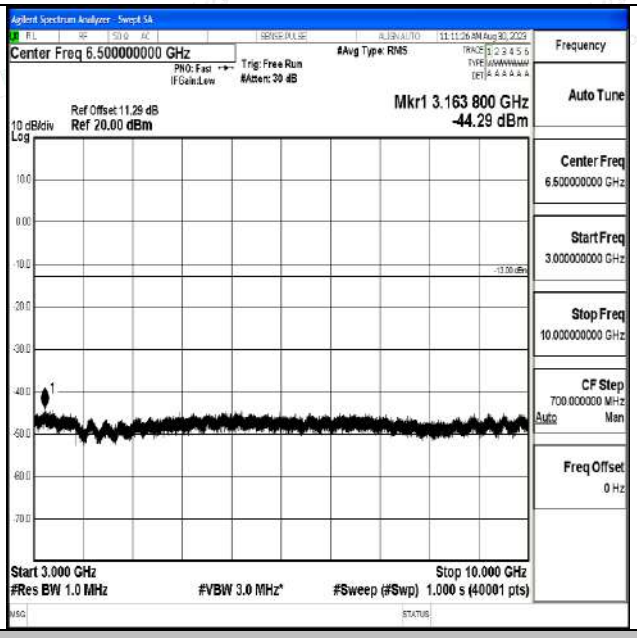
Band5_5MHz_QPSK_20425_1RB#0_0.15~30_0.15~30



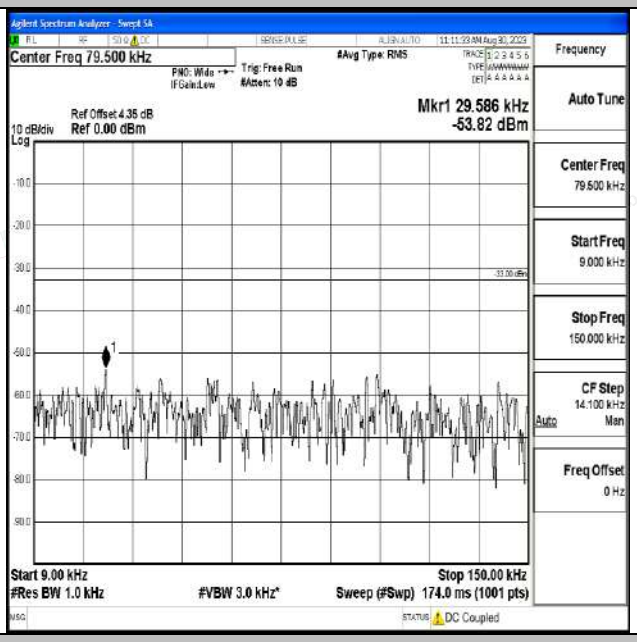
Band5_5MHz_QPSK_20425_1RB#0_30~1000_30~1000



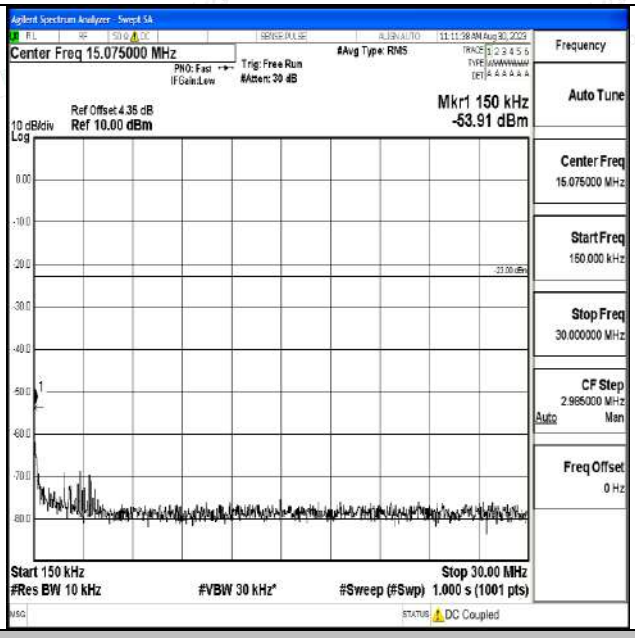
Band5_5MHz_QPSK_20425_1RB#0_1000~3000_1000~3000



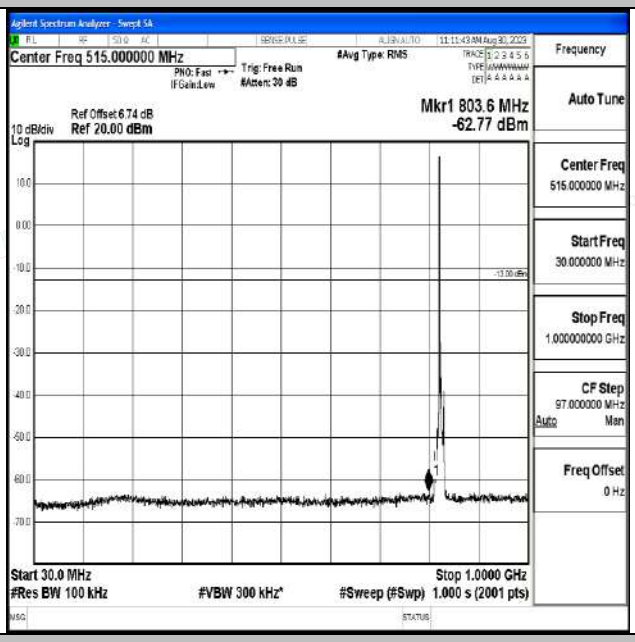
Band5_5MHz_QPSK_20425_1RB#0_3000~10000_3000~10000



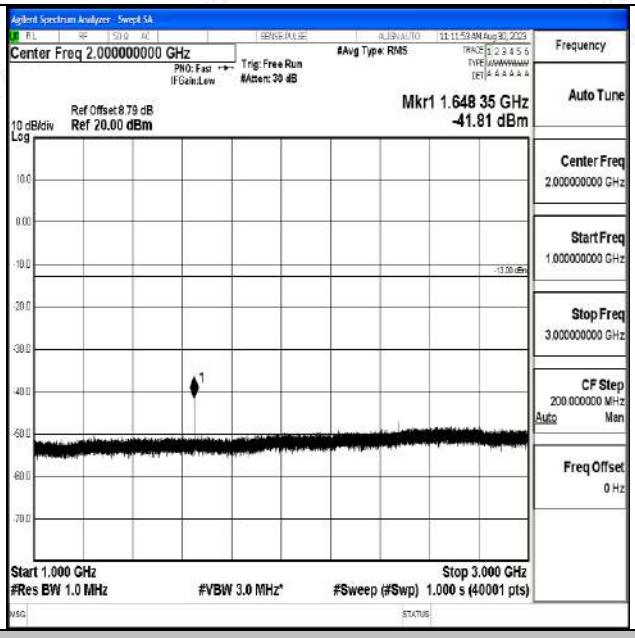
Band5_5MHz_16QAM_20425_1RB#0_0.009~0.15_0.009~0.15



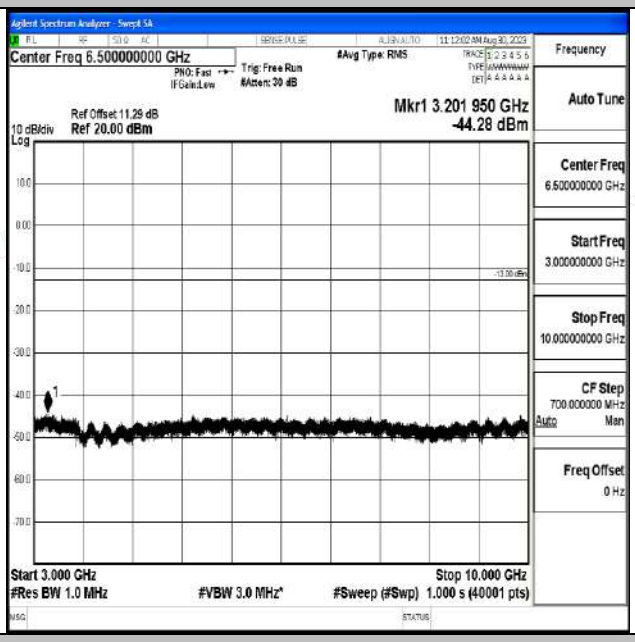
Band5_5MHz_16QAM_20425_1RB#0_0.15~30_0.15~30



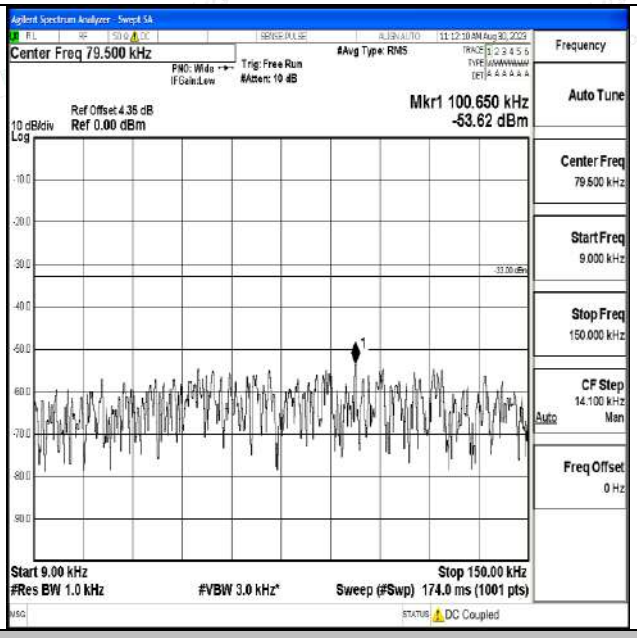
Band5_5MHz_16QAM_20425_1RB#0_30~1000_30~1000



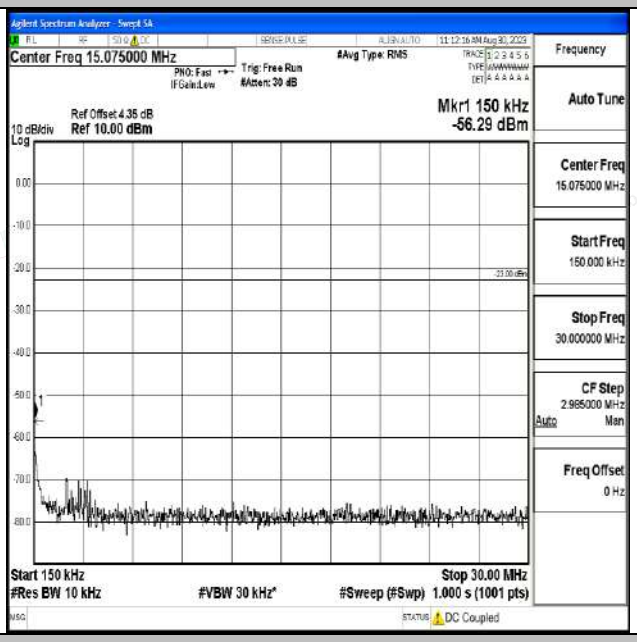
Band5_5MHz_16QAM_20425_1RB#0_1000~3000_1000~3000



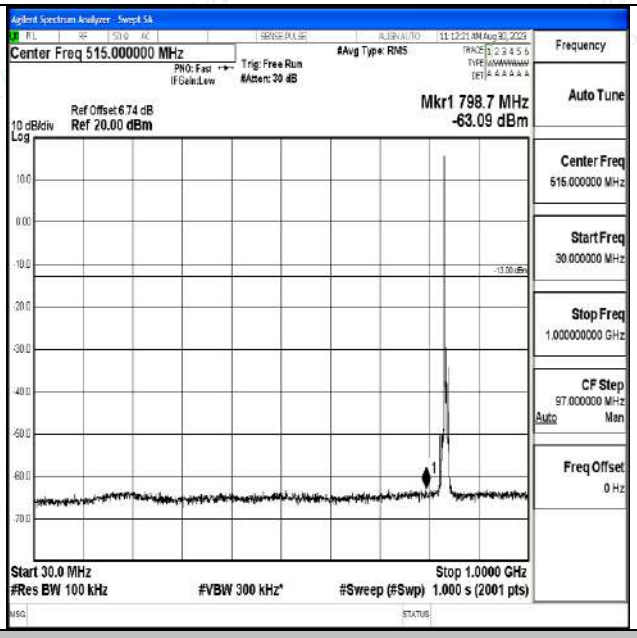
Band5_5MHz_16QAM_20425_1RB#0_3000~10000_3000~10000



Band5_5MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15



Band5_5MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



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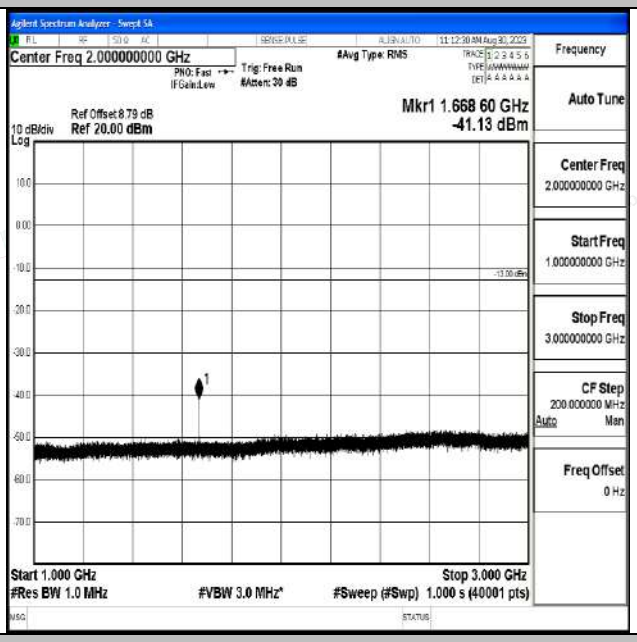

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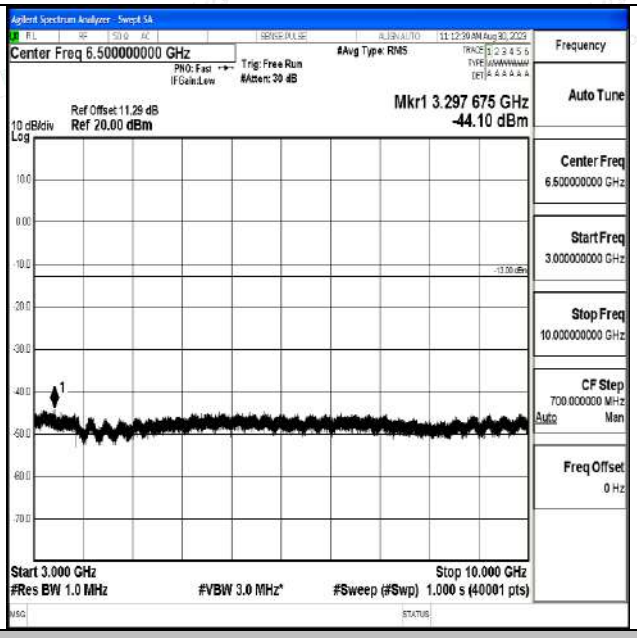

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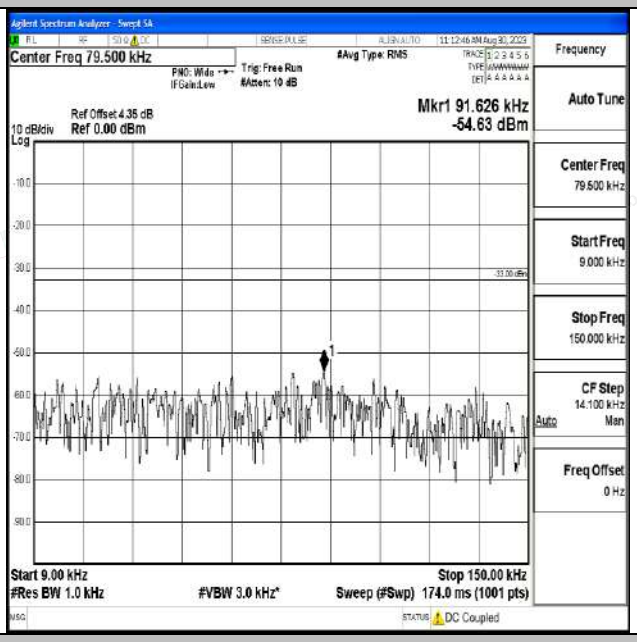
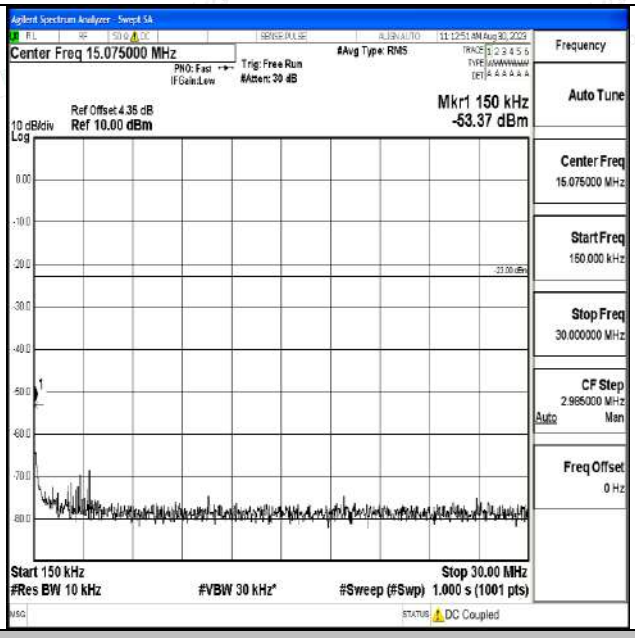
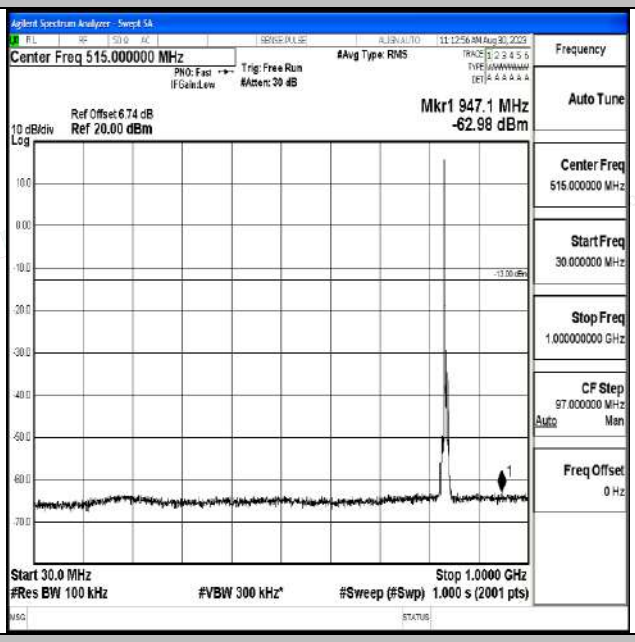


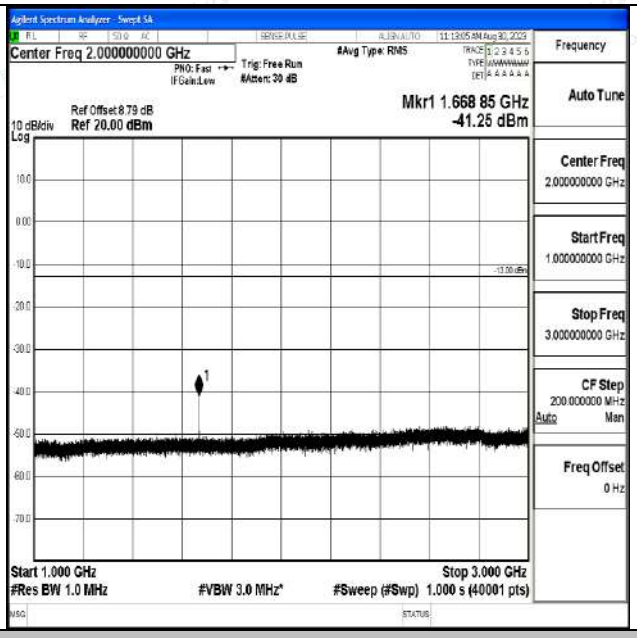
Band5_5MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



Band5_5MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



Band5_5MHz_16QAM_20525_1RB#0_30~1000_30~1000



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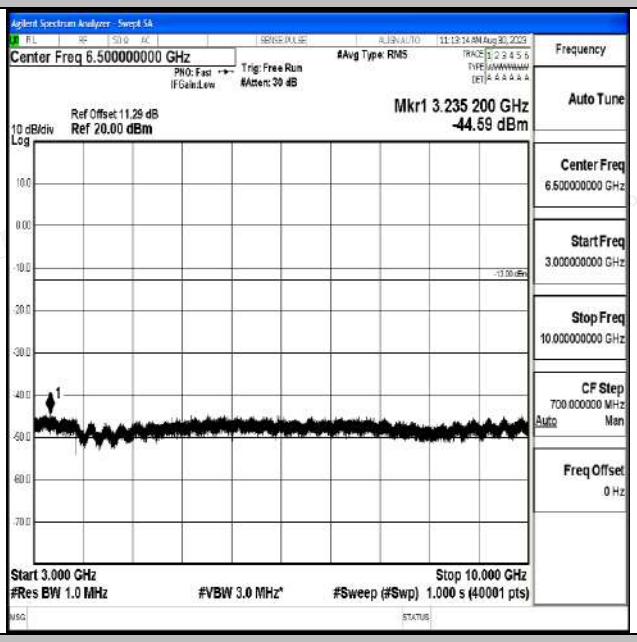
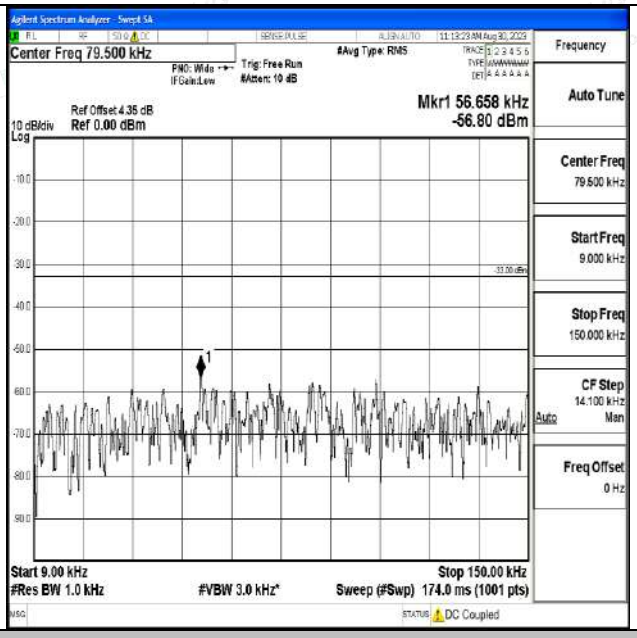
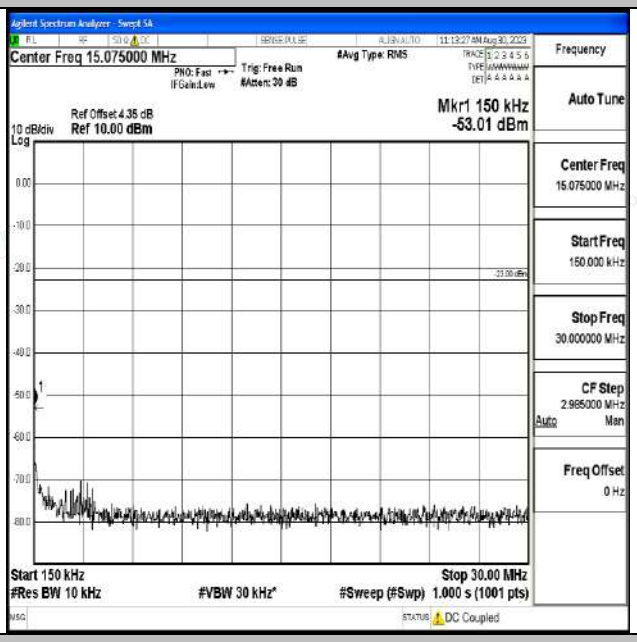


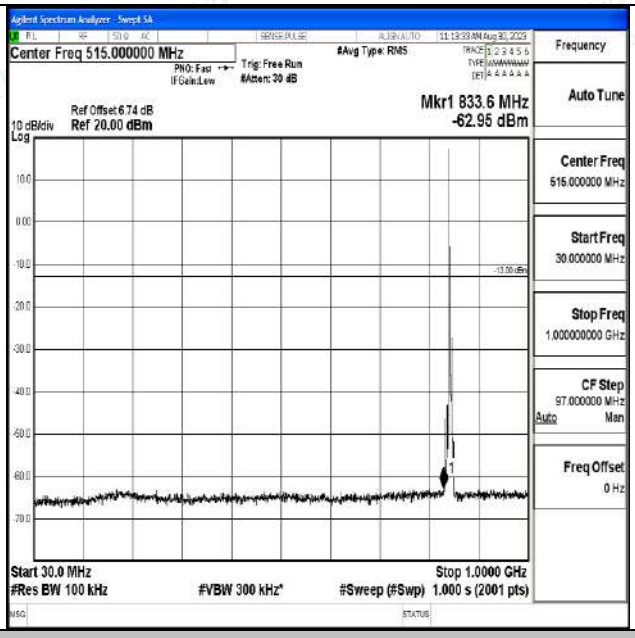
Band5_5MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



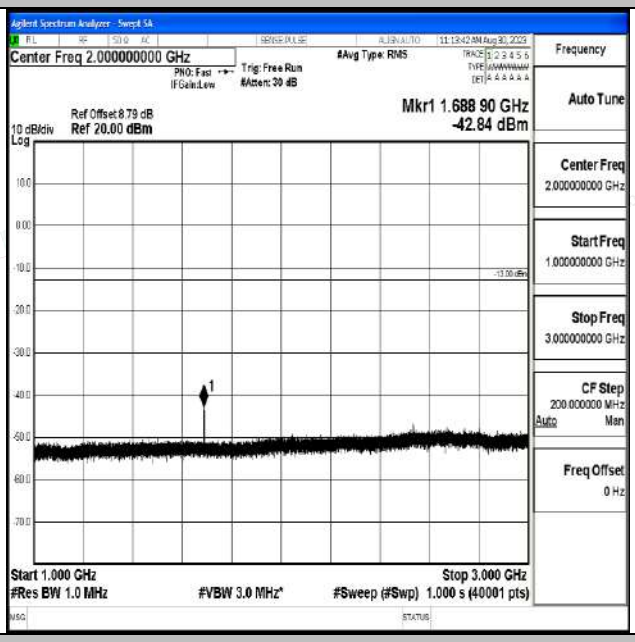
Band5_5MHz_QPSK_20625_1RB#0_0.009~0.15_0.009~0.15



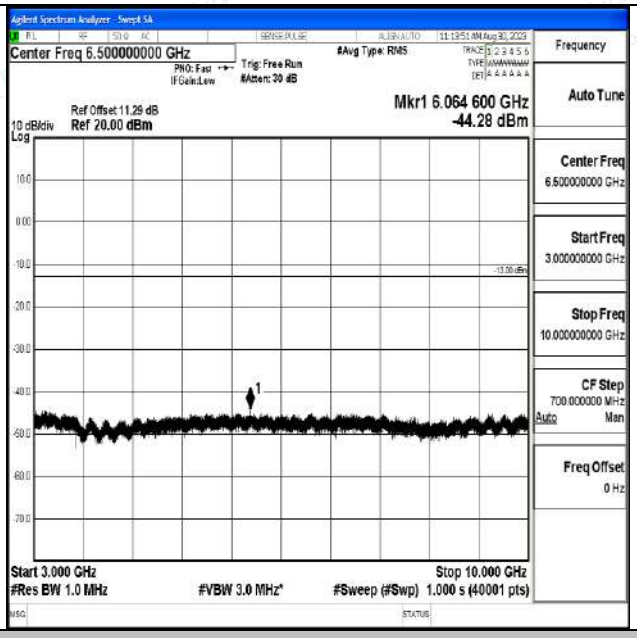
Band5_5MHz_QPSK_20625_1RB#0_0.15~30_0.15~30



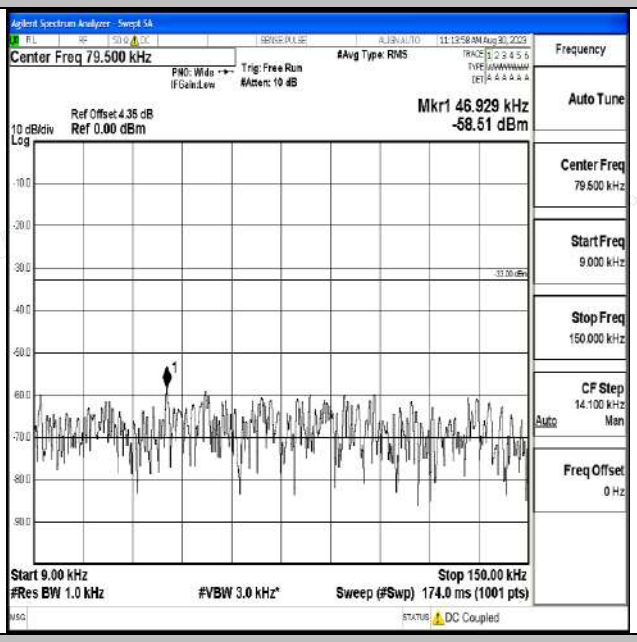
Band5_5MHz_QPSK_20625_1RB#0_30~1000_30~1000



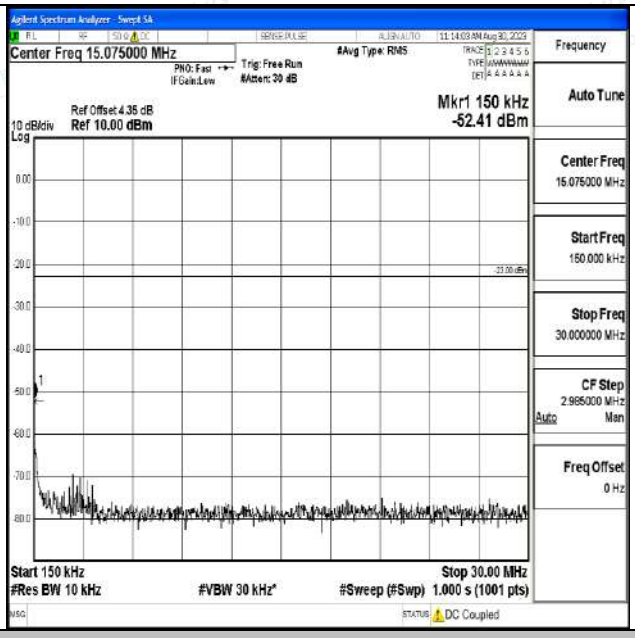
Band5_5MHz_QPSK_20625_1RB#0_1000~3000_1000~3000



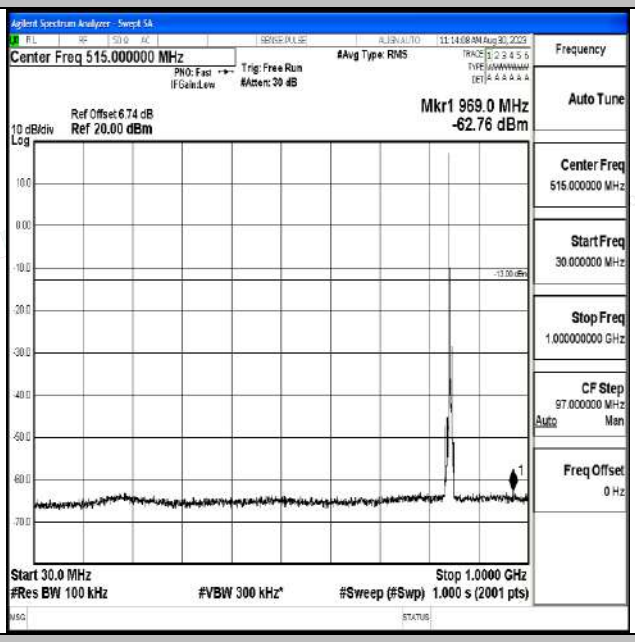
Band5_5MHz_QPSK_20625_1RB#0_3000~10000_3000~10000



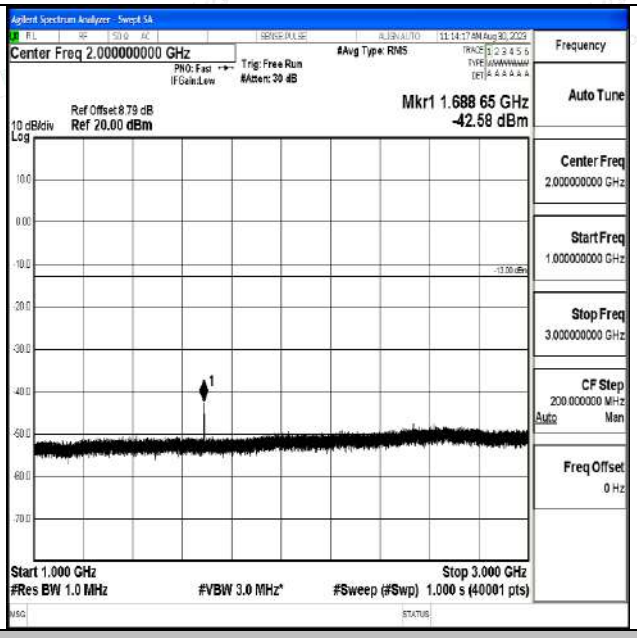
Band5_5MHz_16QAM_20625_1RB#0_0.009~0.15_0.009~0.15



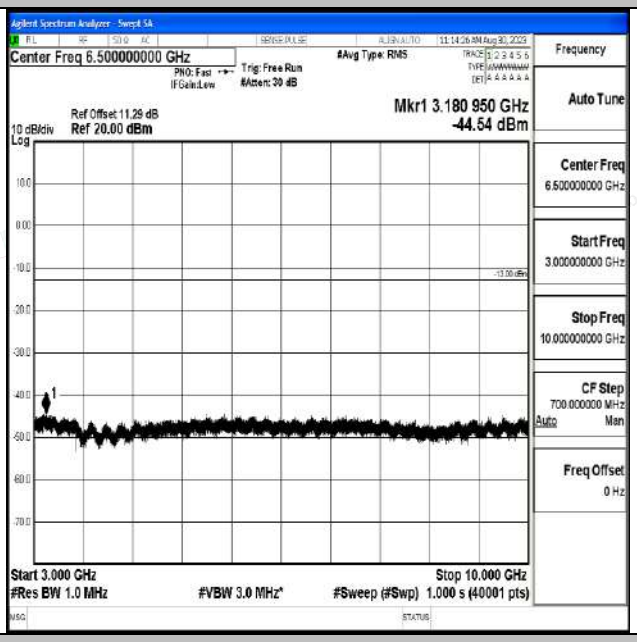
Band5_5MHz_16QAM_20625_1RB#0_0.15~30_0.15~30



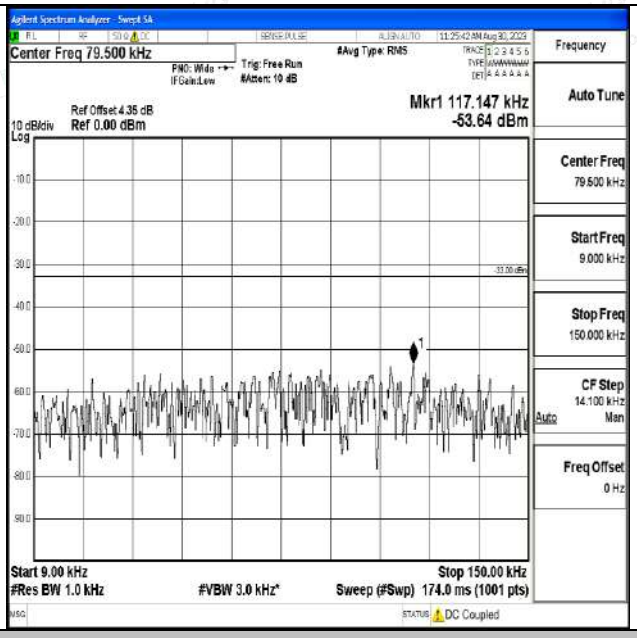
Band5_5MHz_16QAM_20625_1RB#0_30~1000_30~1000



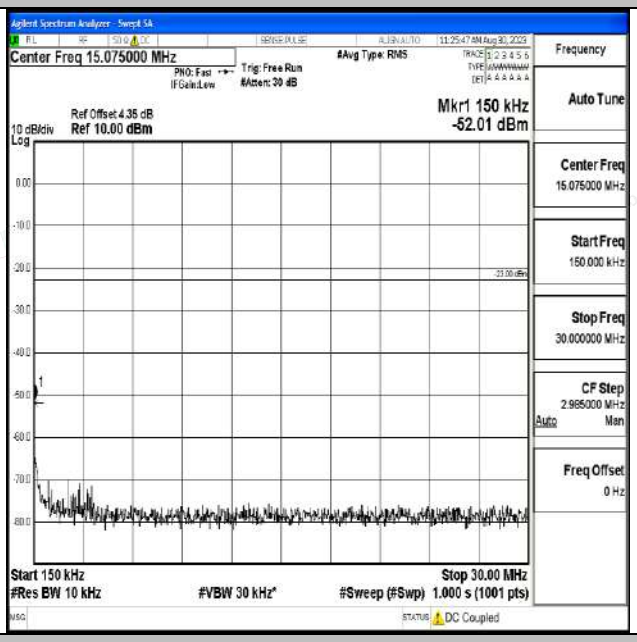
Band5_5MHz_16QAM_20625_1RB#0_1000~3000_1000~3000



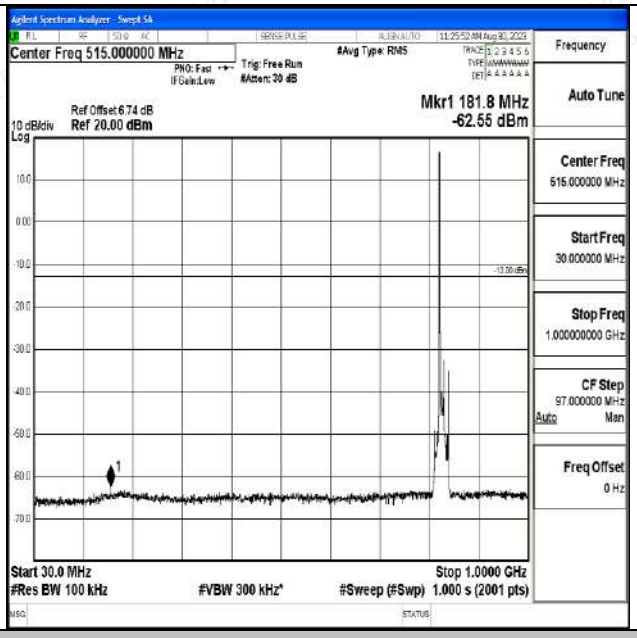
Band5_5MHz_16QAM_20625_1RB#0_3000~10000_3000~10000



Band5_10MHz_QPSK_20450_1RB#0_0.009~0.15_0.009~0.15



Band5_10MHz_QPSK_20450_1RB#0_0.15~30_0.15~30



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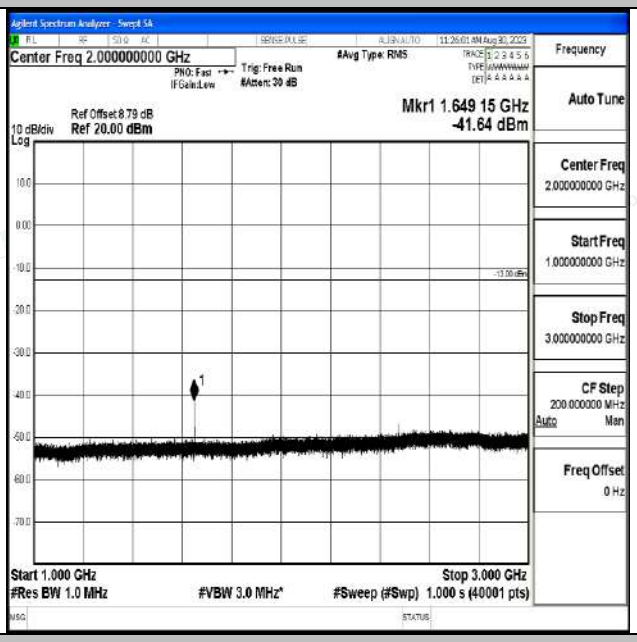
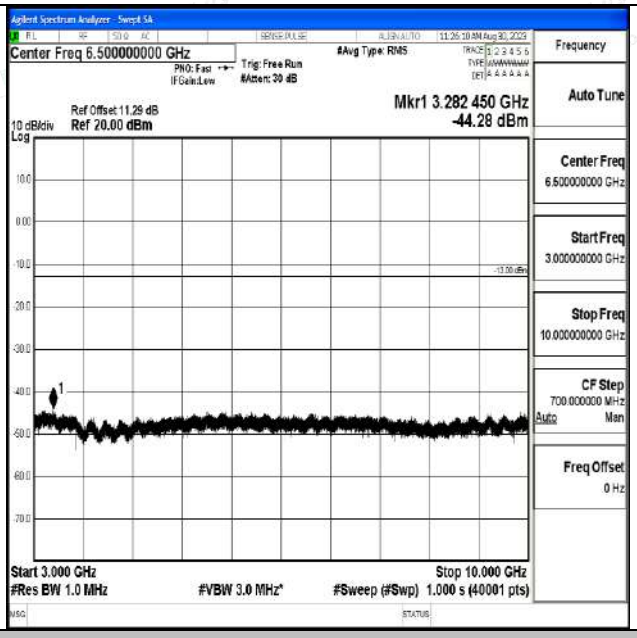
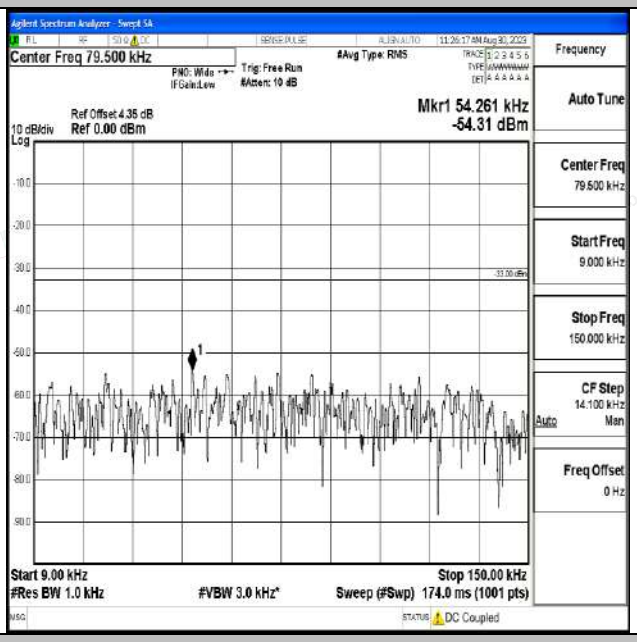


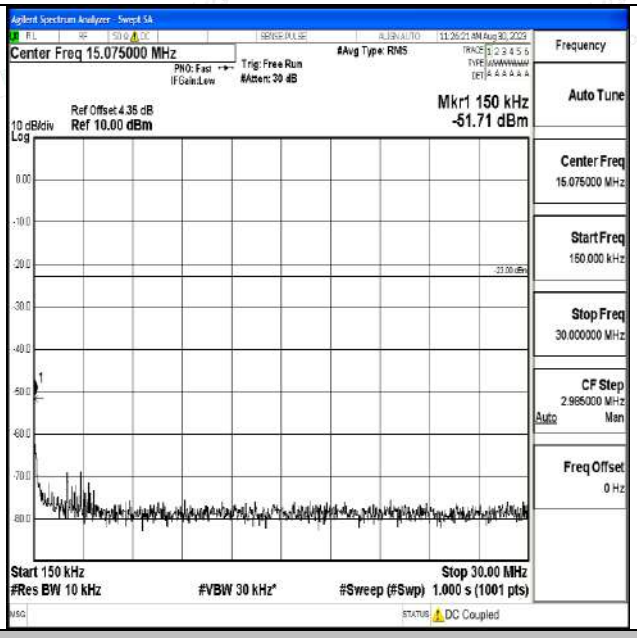
Band5_10MHz_QPSK_20450_1RB#0_1000~3000_1000~3000



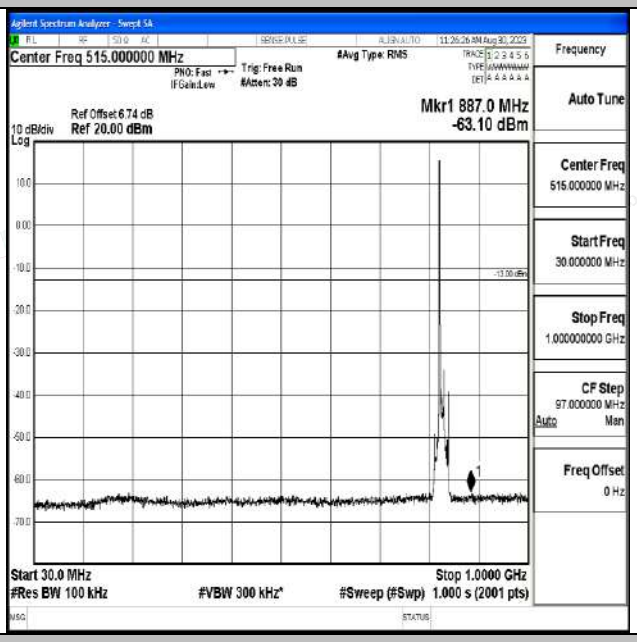
Band5_10MHz_QPSK_20450_1RB#0_3000~10000_3000~10000



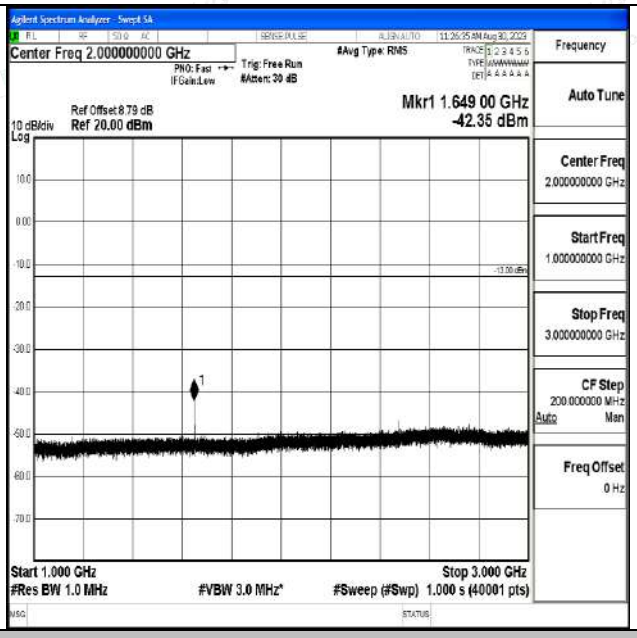
Band5_10MHz_16QAM_20450_1RB#0_0.009~0.15_0.009~0.15



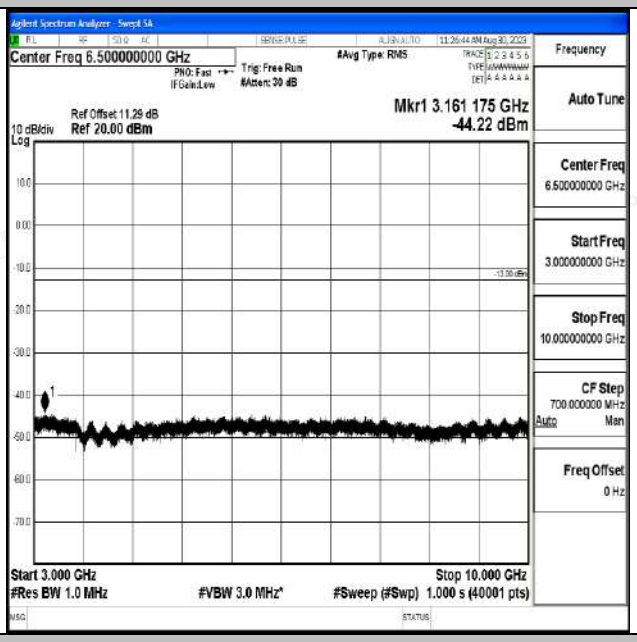
Band5_10MHz_16QAM_20450_1RB#0_0.15~30_0.15~30



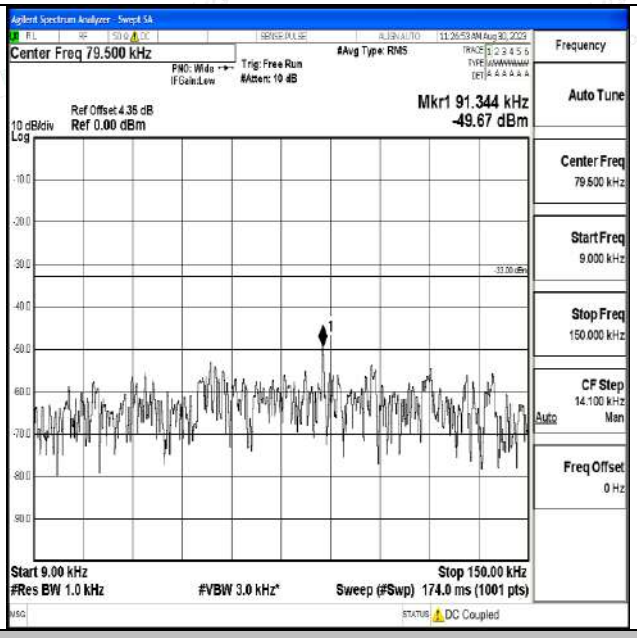
Band5_10MHz_16QAM_20450_1RB#0_30~1000_30~1000



Band5_10MHz_16QAM_20450_1RB#0_1000~3000_1000~3000



Band5_10MHz_16QAM_20450_1RB#0_3000~10000_3000~10000



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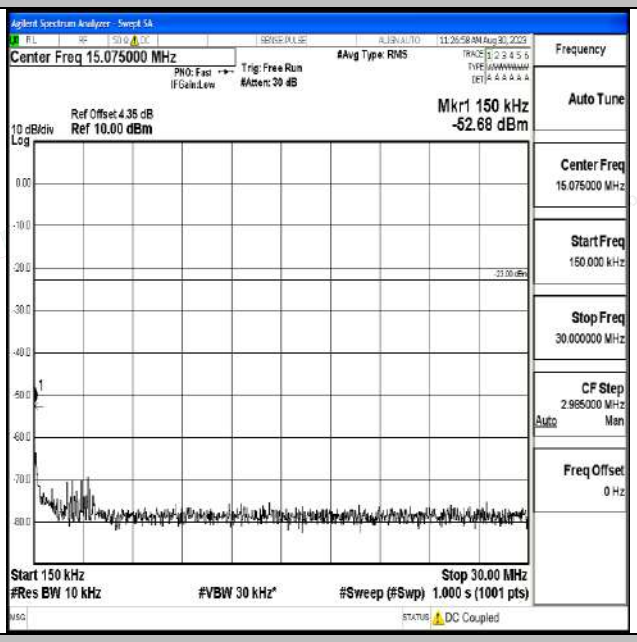
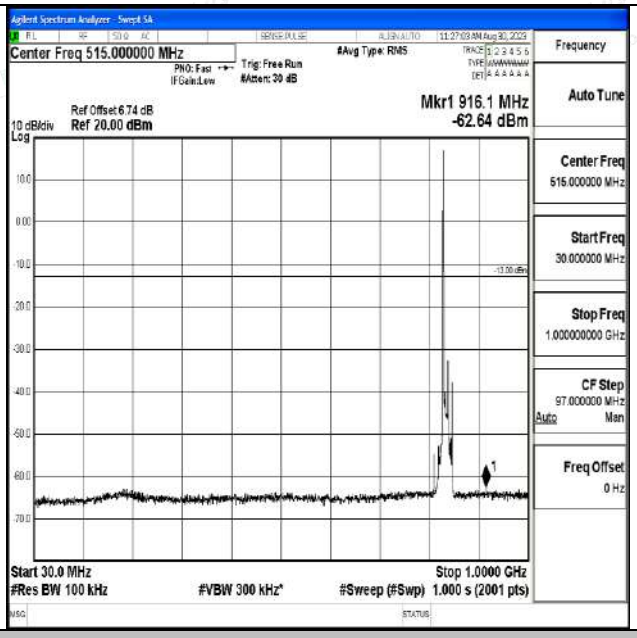
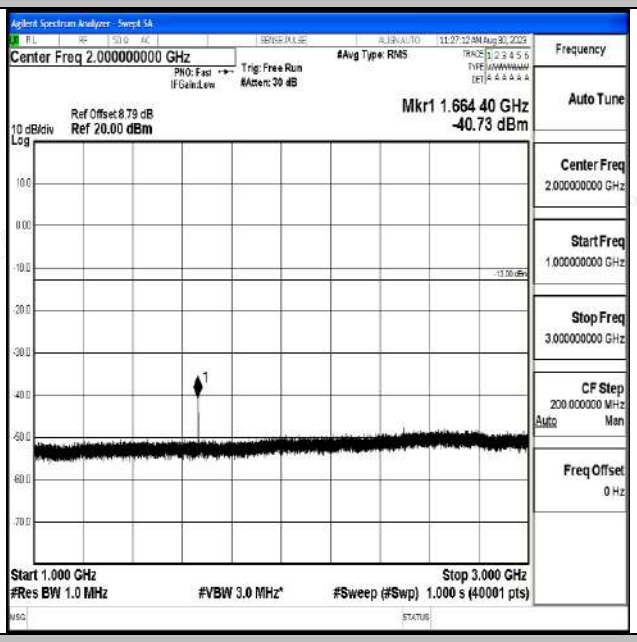


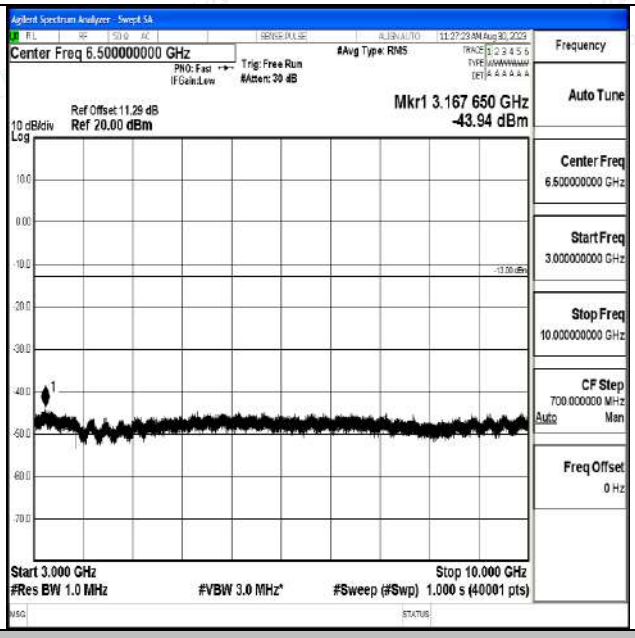
Band5_10MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



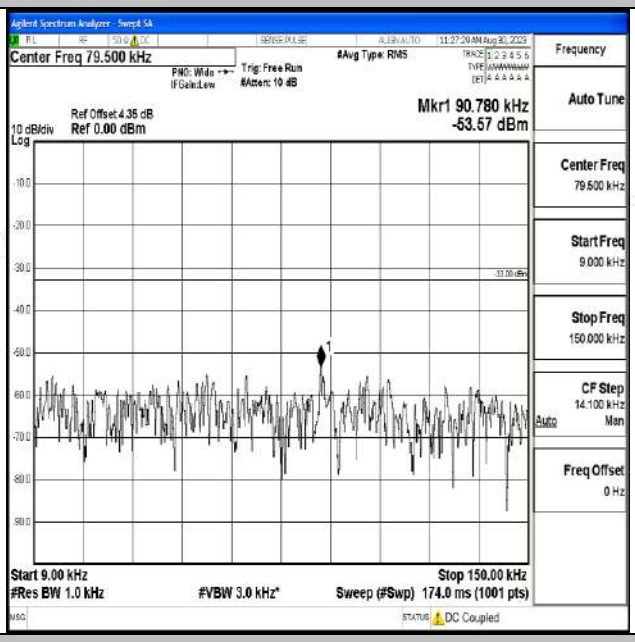
Band5_10MHz_QPSK_20525_1RB#0_30~1000_30~1000



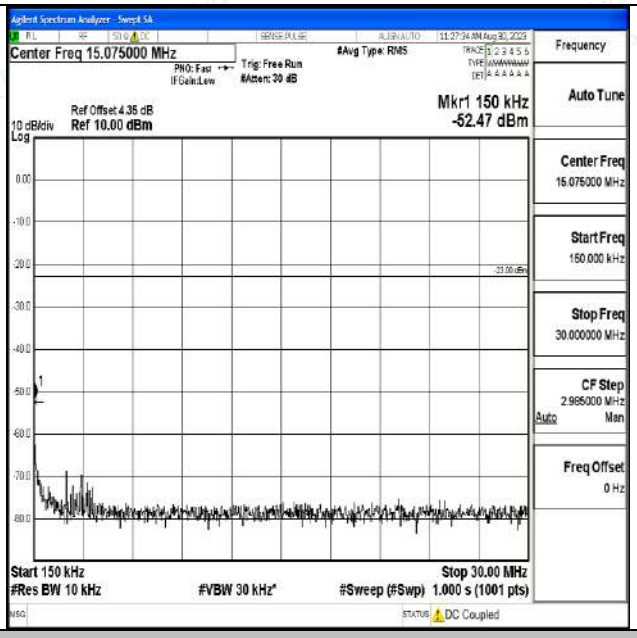
Band5_10MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



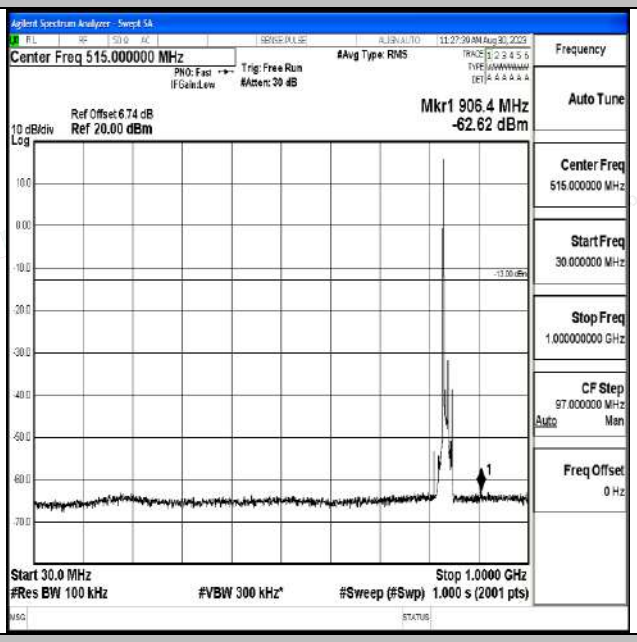
Band5_10MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



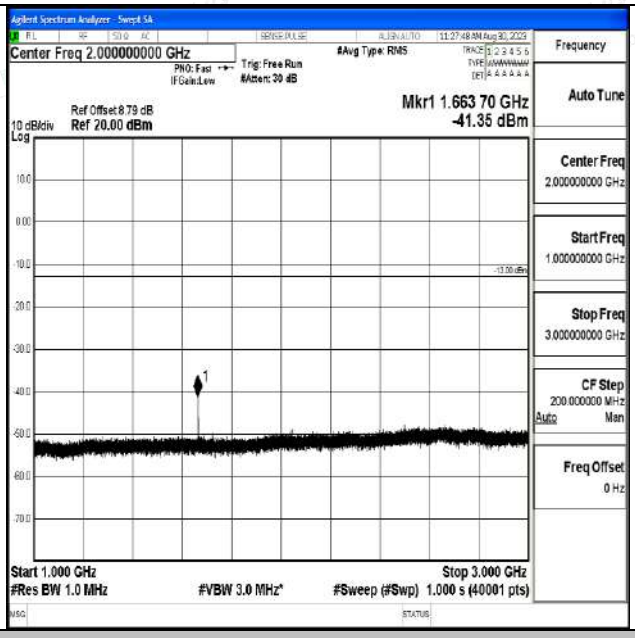
Band5_10MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



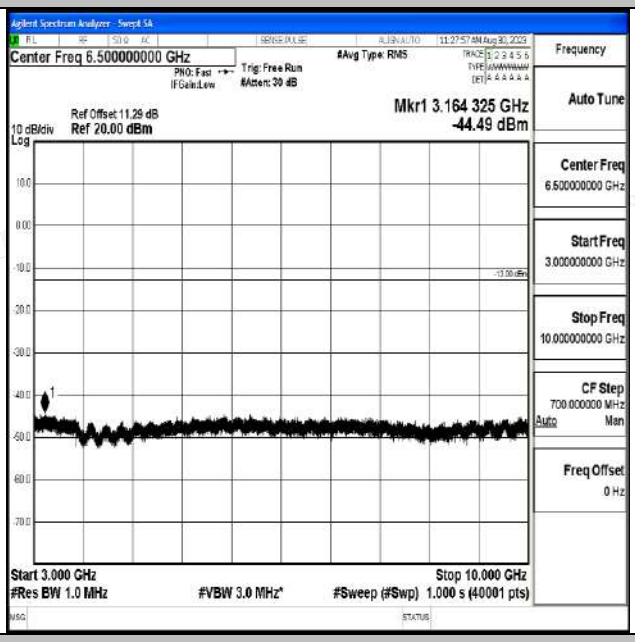
Band5_10MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



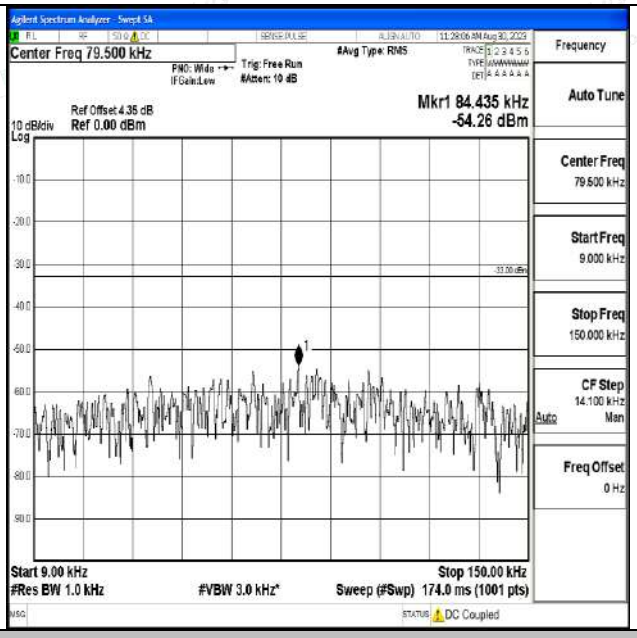
Band5_10MHz_16QAM_20525_1RB#0_30~1000_30~1000



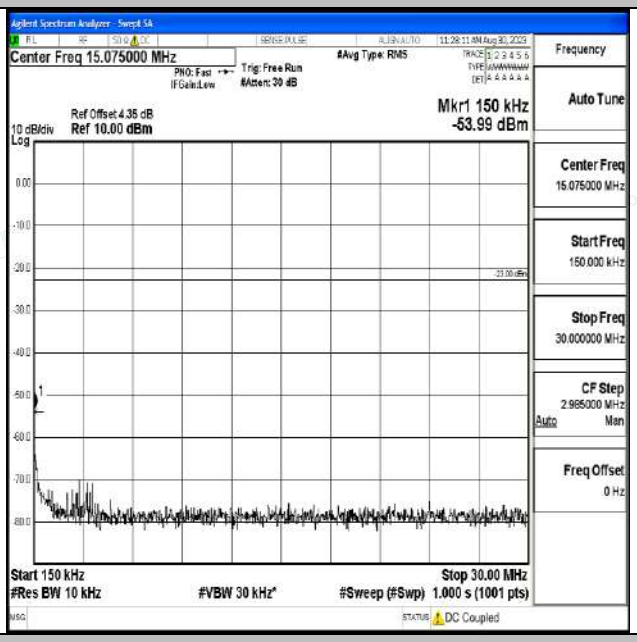
Band5_10MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



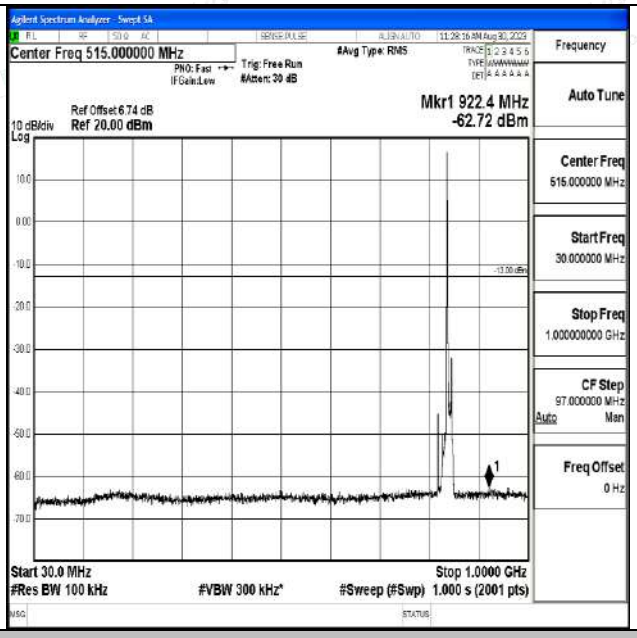
Band5_10MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



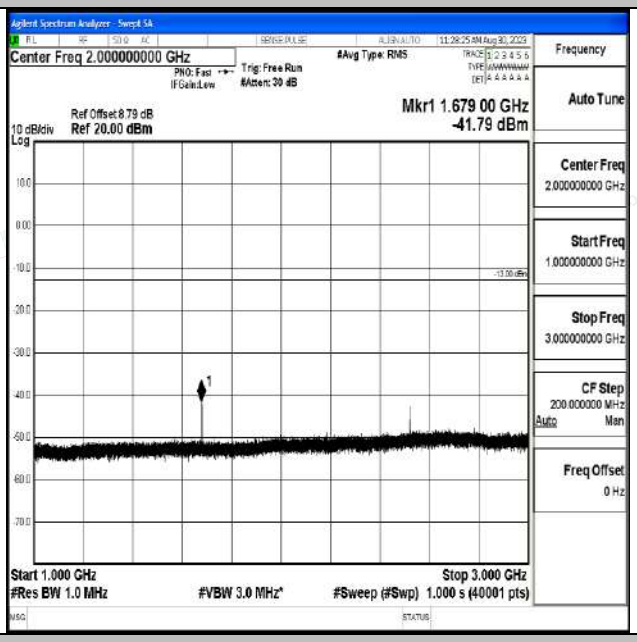
Band5_10MHz_QPSK_20600_1RB#0_0.009~0.15_0.009~0.15



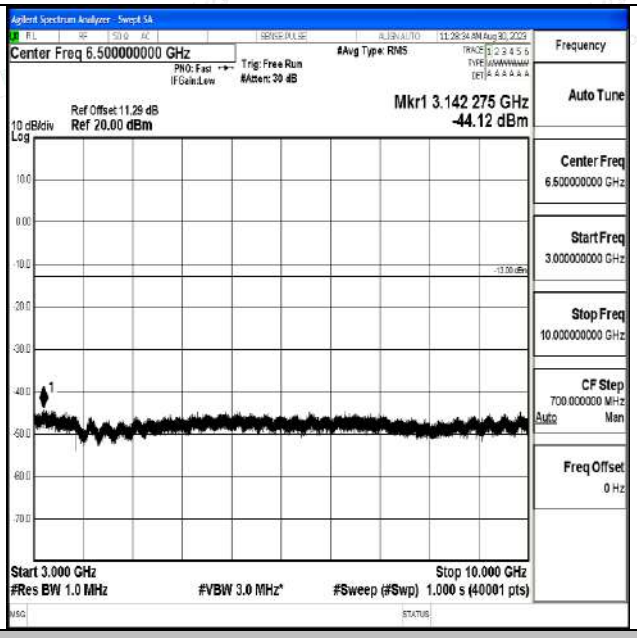
Band5_10MHz_QPSK_20600_1RB#0_0.15~30_0.15~30



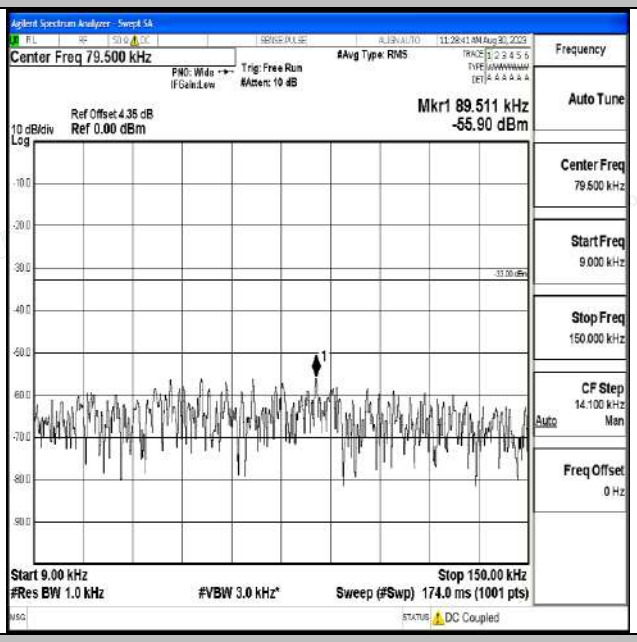
Band5_10MHz_QPSK_20600_1RB#0_30~1000_30~1000



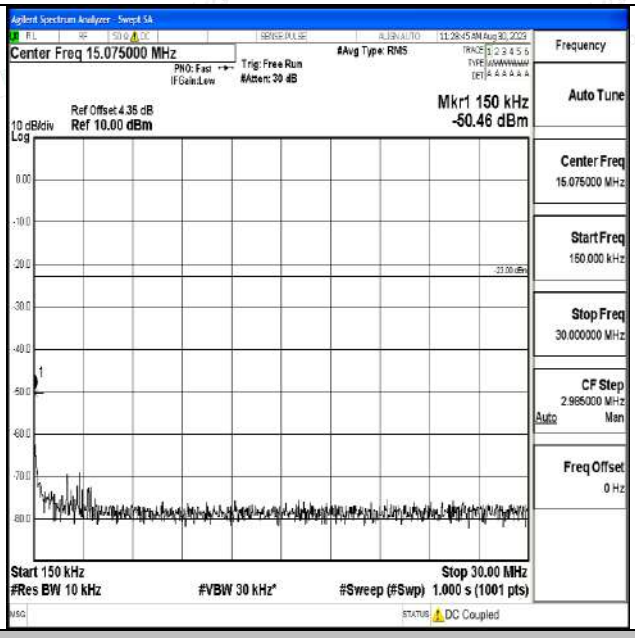
Band5_10MHz_QPSK_20600_1RB#0_1000~3000_1000~3000



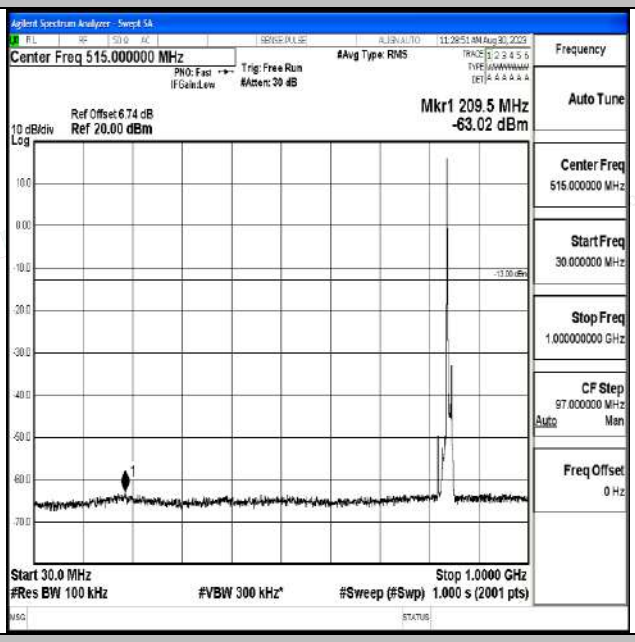
Band5_10MHz_QPSK_20600_1RB#0_3000~10000_3000~10000



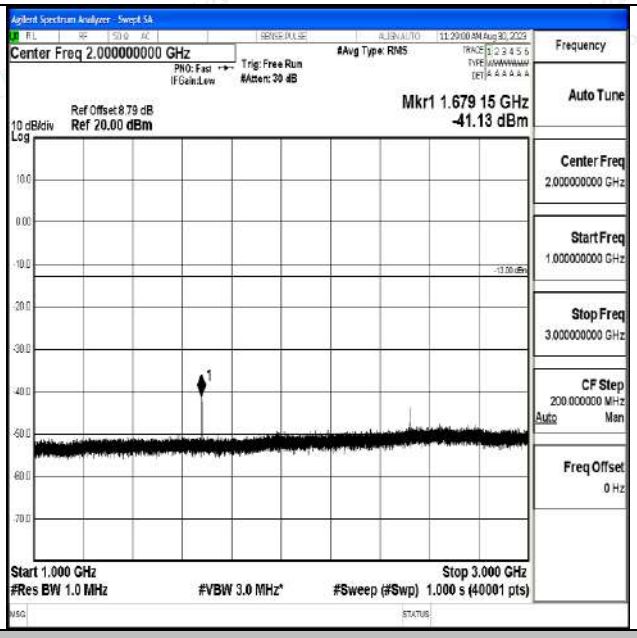
Band5_10MHz_16QAM_20600_1RB#0_0.009~0.15_0.009~0.15



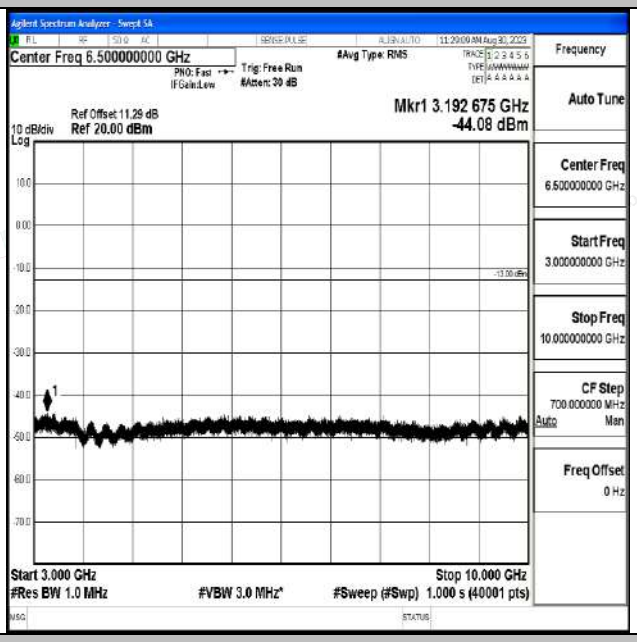
Band5_10MHz_16QAM_20600_1RB#0_0.15~30_0.15~30



Band5_10MHz_16QAM_20600_1RB#0_30~1000_30~1000



Band5_10MHz_16QAM_20600_1RB#0_1000~3000_1000~3000



Band5_10MHz_16QAM_20600_1RB#0_3000~10000_3000~10000