Appendix F: Test Data for E-UTRA Band 5

Product Name: Smart POS

Test Model: WIZARPOS Q3B

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	22.92	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.30	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.23	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.33	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.70	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.00	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.74	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.68	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.74	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.63	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.84	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.52	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.57	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.36	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.74	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.12	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.74	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.09	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.73	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.09	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.82	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.54	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.29	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.38	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.07	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.05	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.59	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.89	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	22.52	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.88	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.44	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.68	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.81	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.63	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.37	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.63	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.32	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.69	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.40	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.77	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.44	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.77	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.44	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.78	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.40	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.71	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.22	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.61	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.61	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.63	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.62	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.54	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.62	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.71	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.40	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.72	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.34	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.83	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.39	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.67	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.11	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.71	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.56	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.68	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.33	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.26	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.90	PASS

Band5	3MHz	QPSK	20635	8RB#0	21.85	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.35	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.86	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.32	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.77	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.33	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.69	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.74	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.58	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.72	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.59	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.64	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.57	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.71	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.33	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.71	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.26	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.77	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.24	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.74	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.38	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.65	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.61	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.61	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.65	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.38	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.65	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.79	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.25	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.66	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.26	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.71	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.27	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.76	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.32	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.24	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.33	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.33	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.23	PASS

Band5	5MHz	QPSK	20625	1RB#24	22.47	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.08	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.82	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.28	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.87	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.30	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.77	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.30	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.86	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.48	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.70	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.37	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.57	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.34	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.42	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.34	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.48	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.33	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.88	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.33	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.62	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.13	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.71	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.11	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.63	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.39	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.69	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.46	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.68	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.44	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.69	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.34	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.69	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.31	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.70	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.35	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.74	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.26	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.56	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.86	PASS

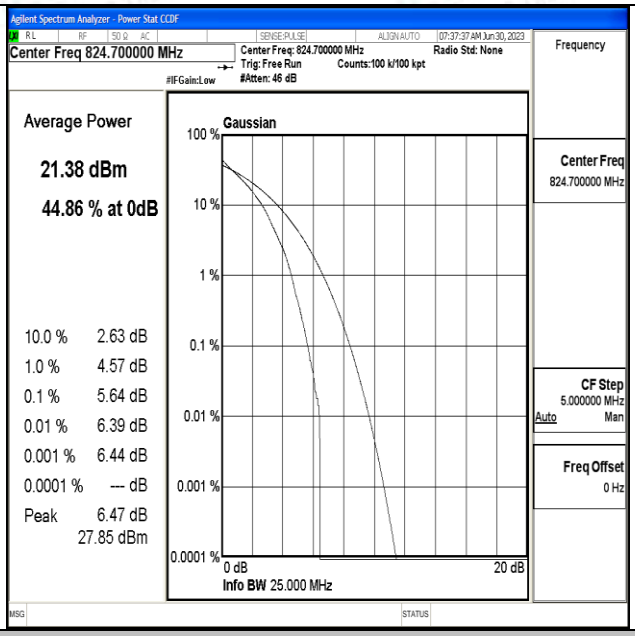
Band5	10MHz	QPSK	20600	1RB#24	22.60	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.74	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.42	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.52	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.01	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.31	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.76	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.32	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.77	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.42	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.64	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.47	PASS

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

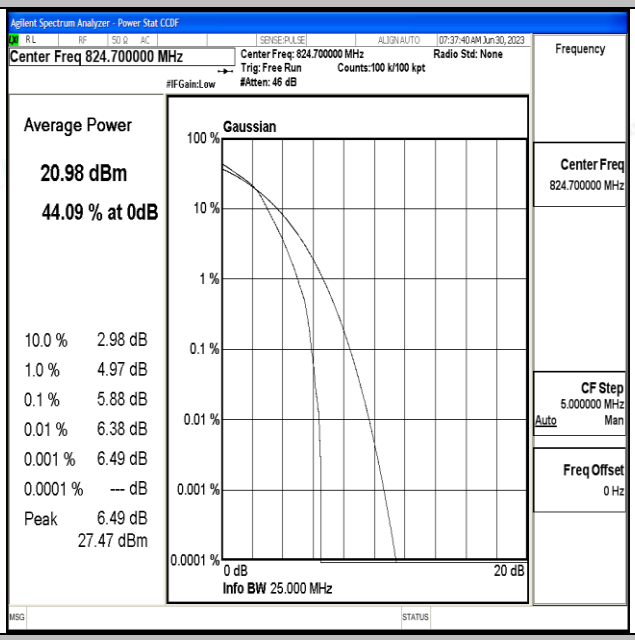
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.64	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.88	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.18	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.82	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.49	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.99	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.63	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.35	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.21	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.98	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.84	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.55	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.06	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.28	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.79	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.80	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.62	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.43	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.10	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.29	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.91	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.17	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.57	13	PASS

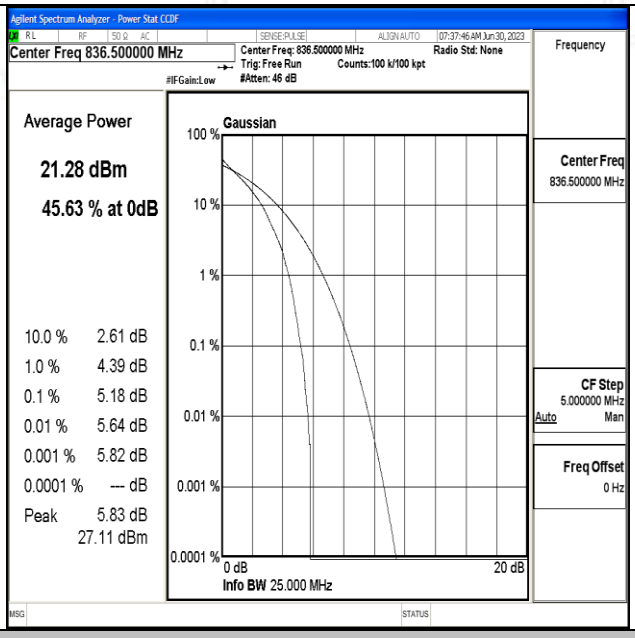
Test Graphs



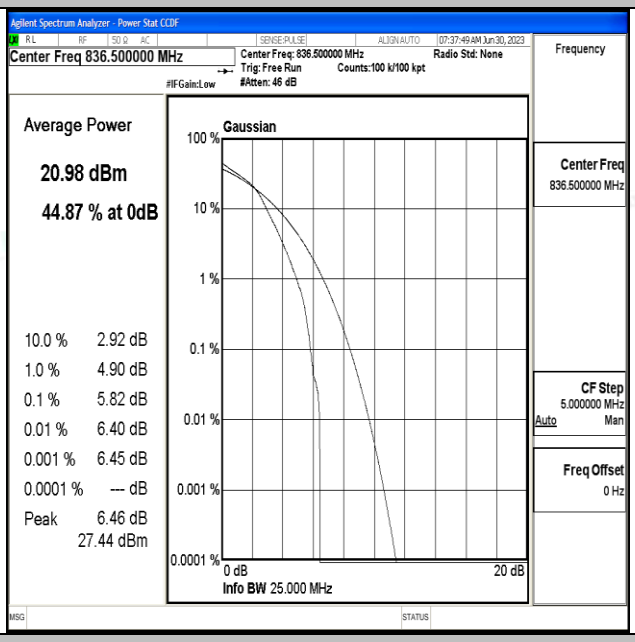
1.4MHz-20407



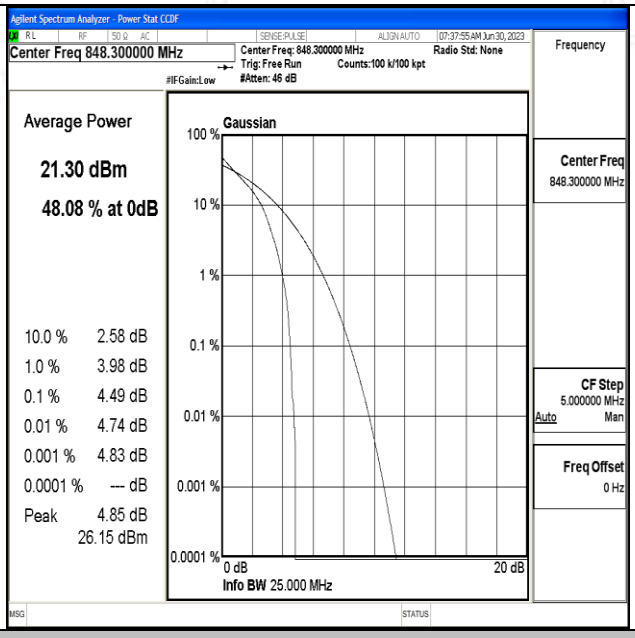
1.4MHz-20407



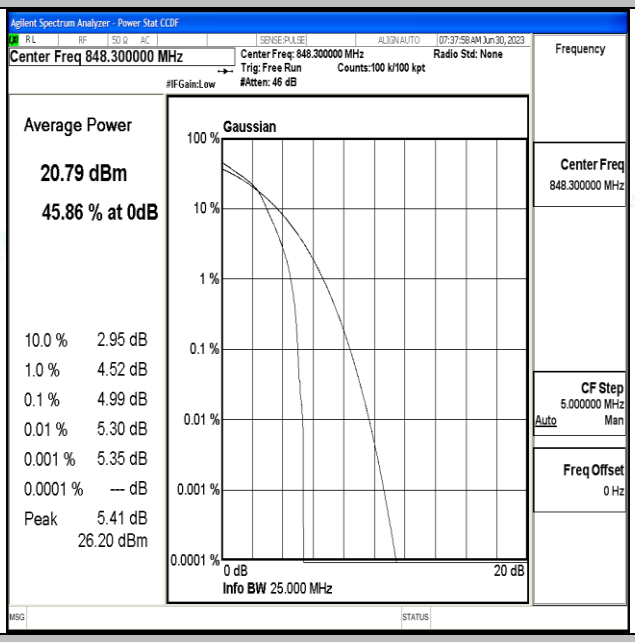
1.4MHz-20525



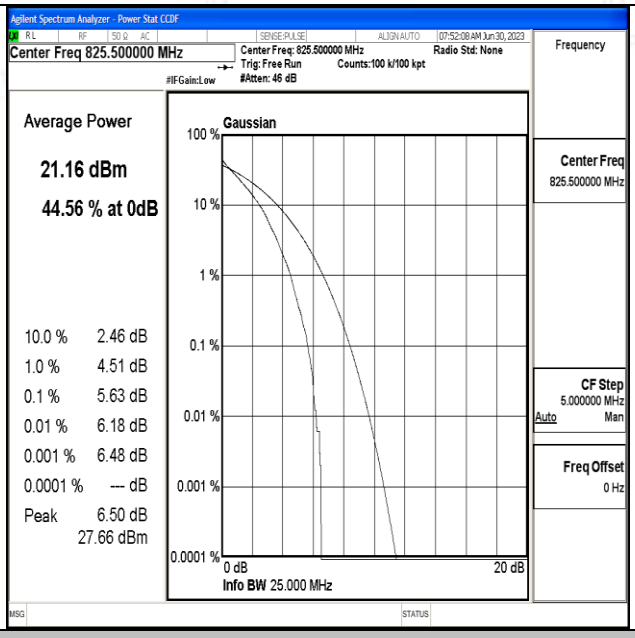
1.4MHz-20525



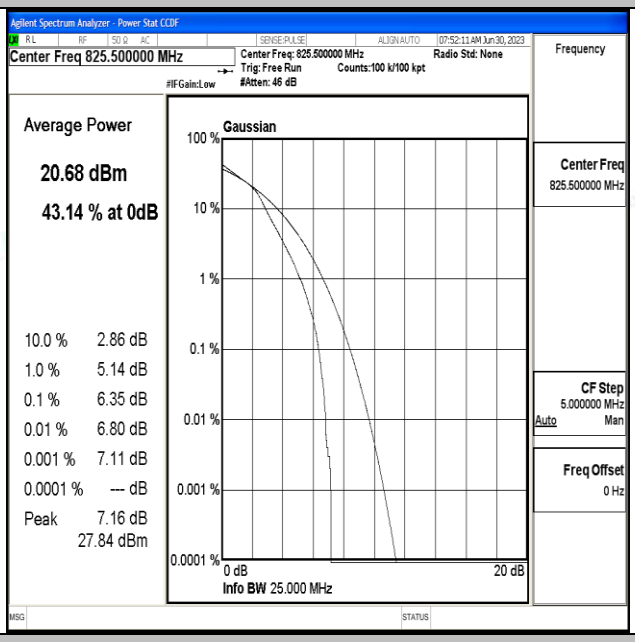
1.4MHz-20643



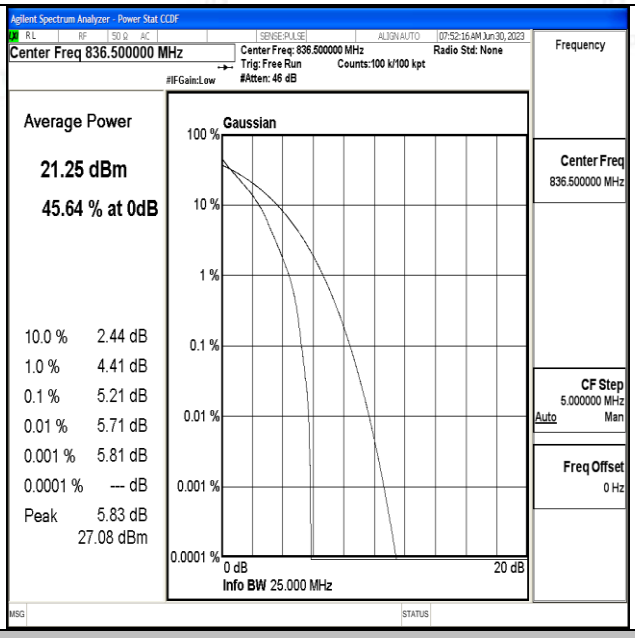
1.4MHz-20643



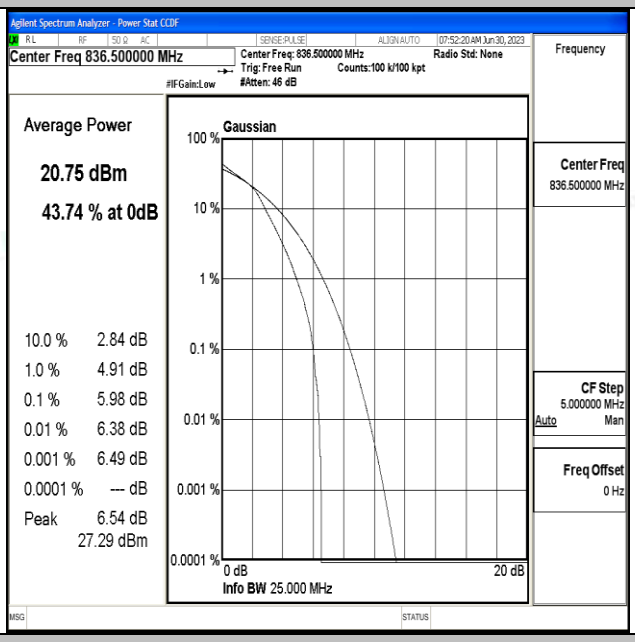
3MHz-20415



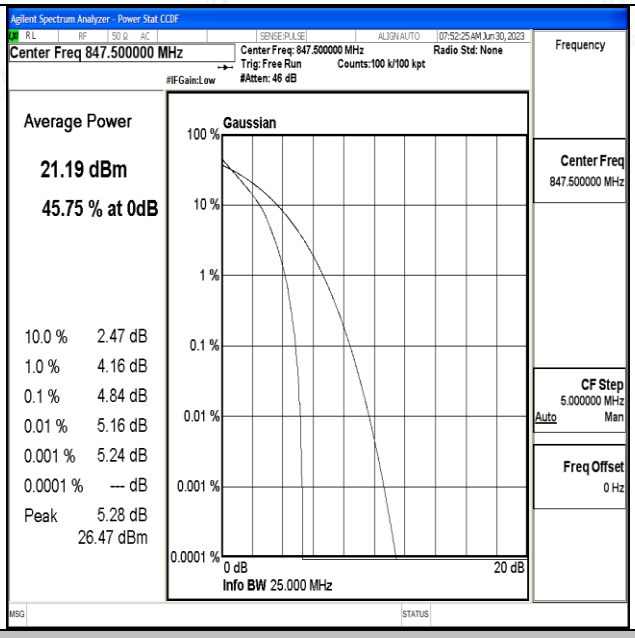
3MHz-20415



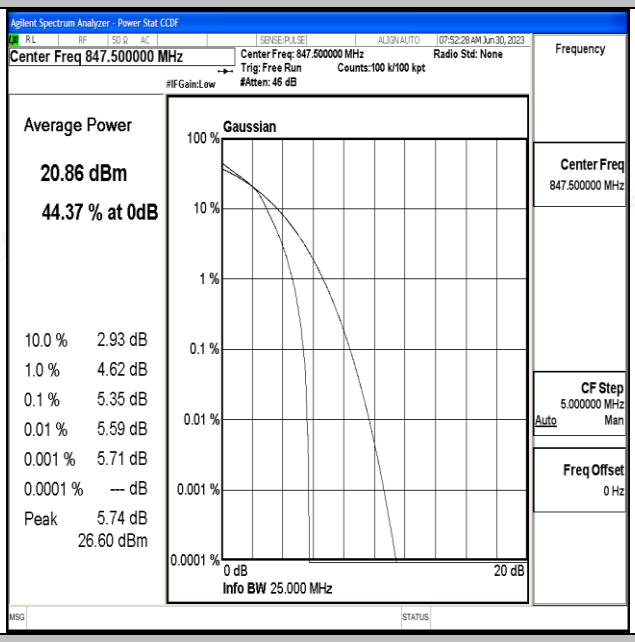
3MHz-20525



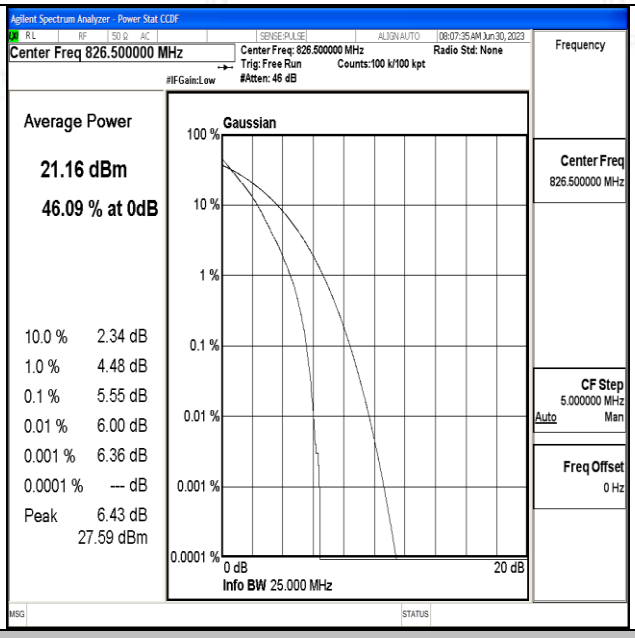
3MHz-20525



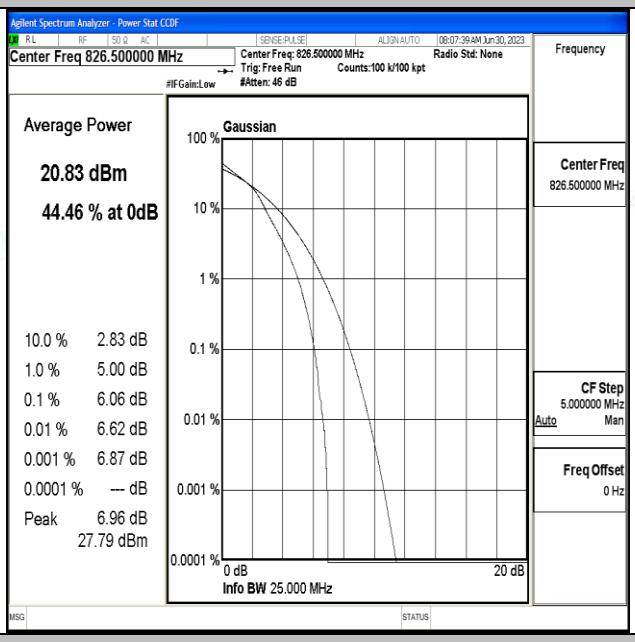
3MHz-20635



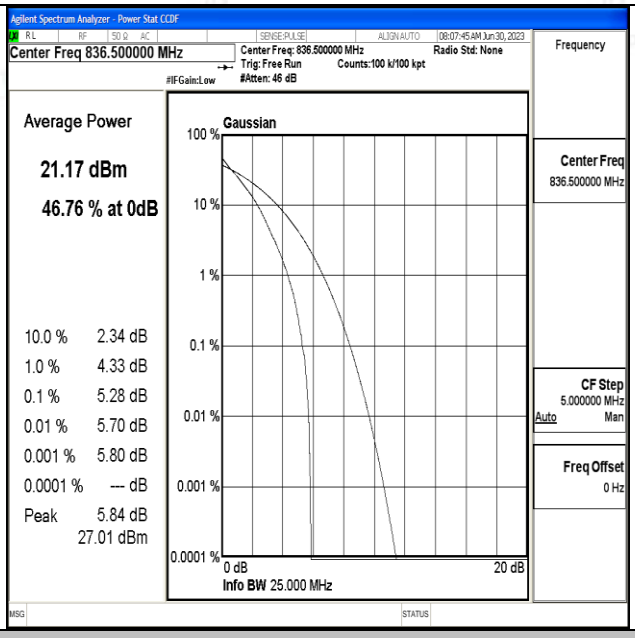
3MHz-20635



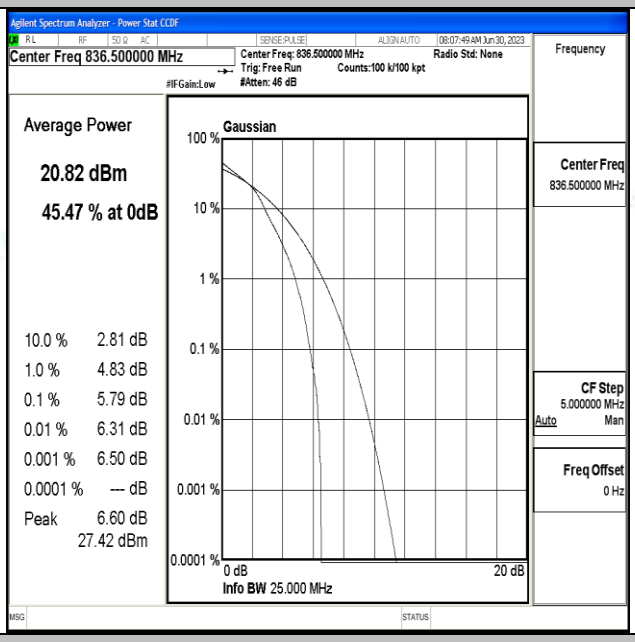
5MHz-20425



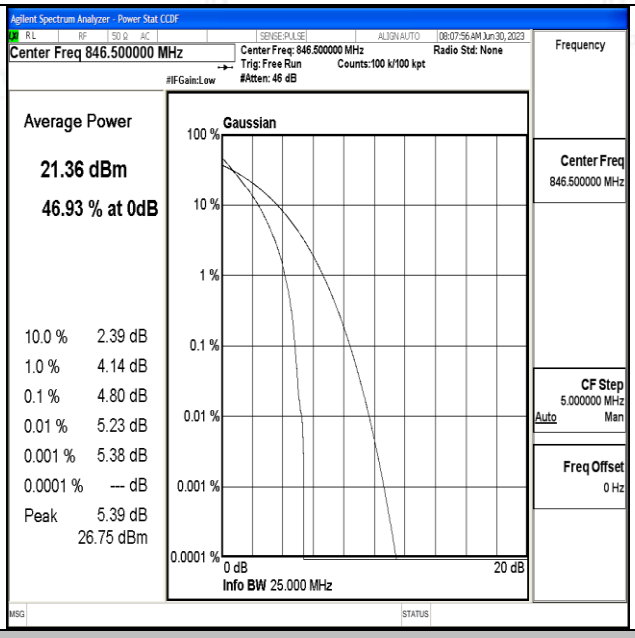
5MHz-20425



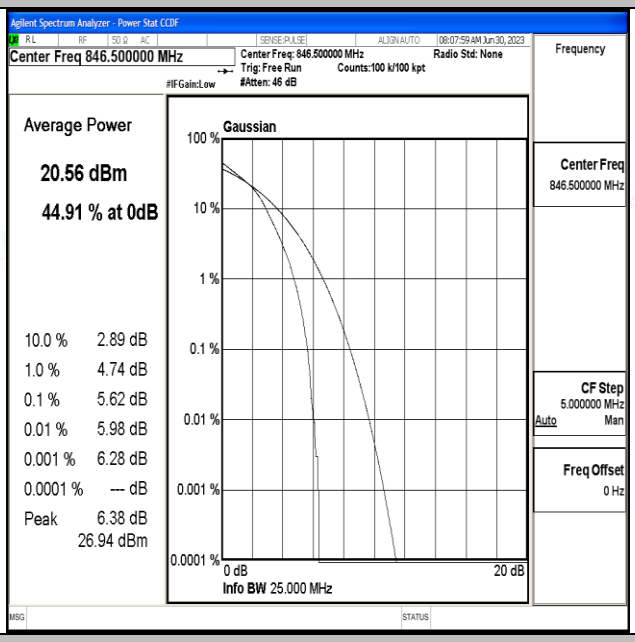
5MHz-20525



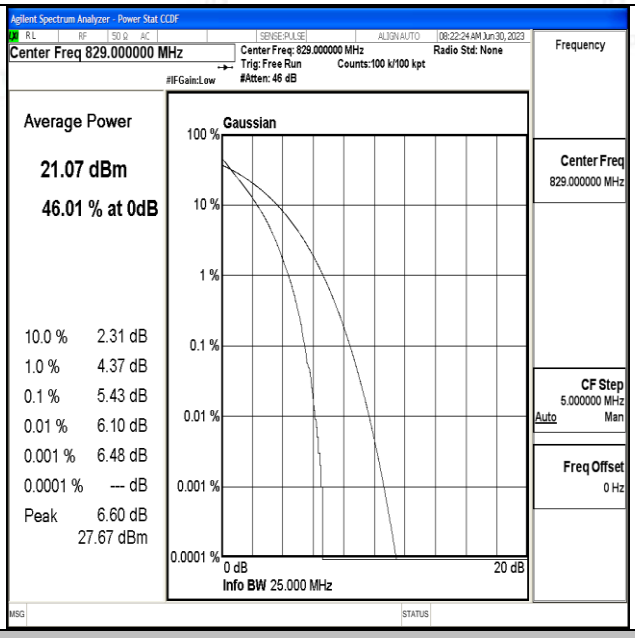
5MHz-20525



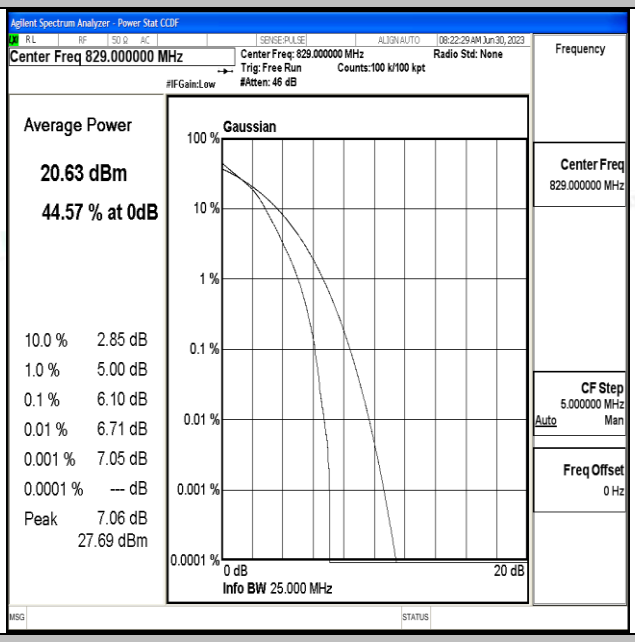
5MHz-20625



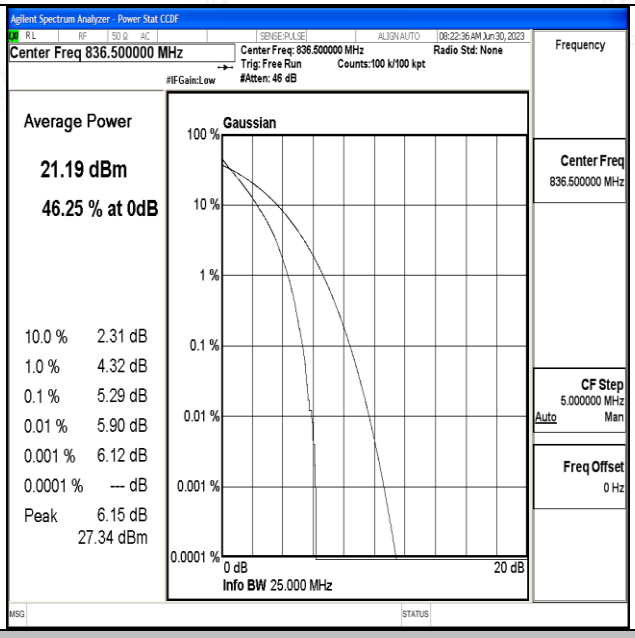
5MHz-20625



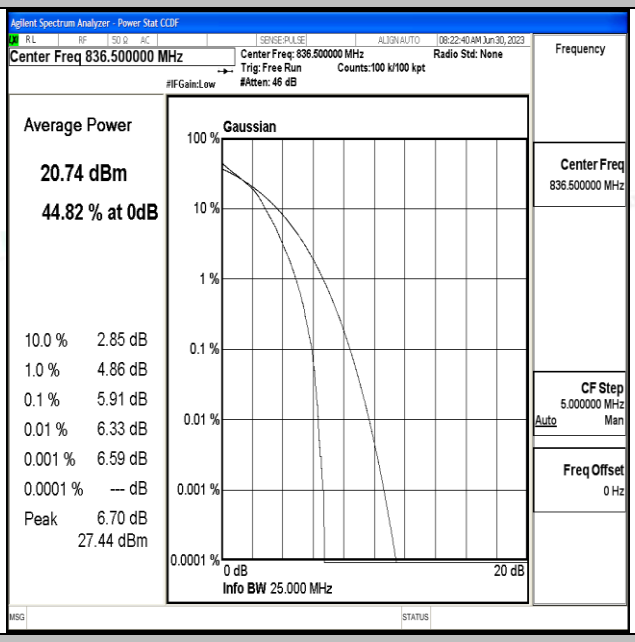
10MHz-20450



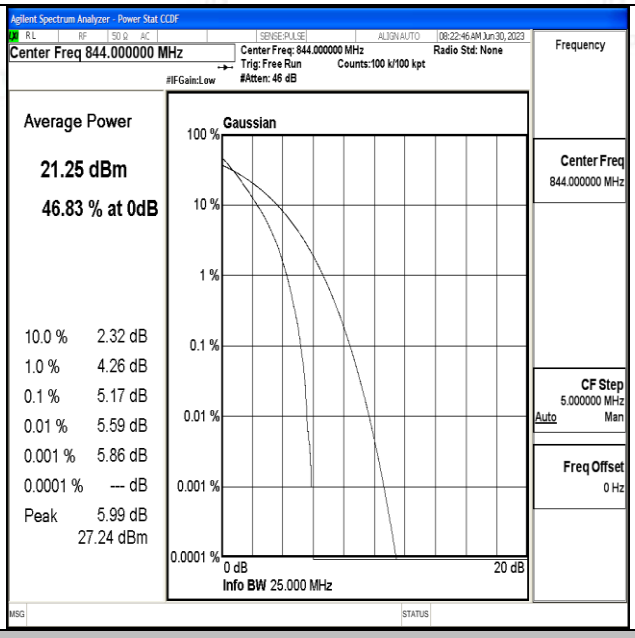
10MHz-20450



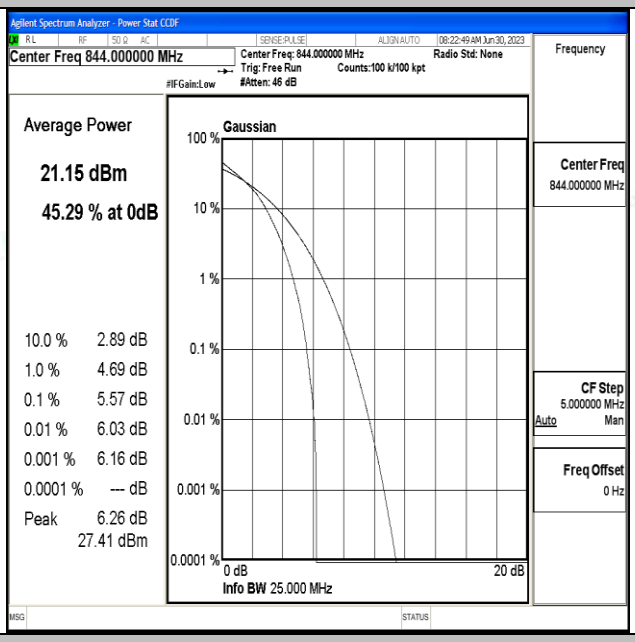
10MHz-20525



10MHz-20525



10MHz-20600



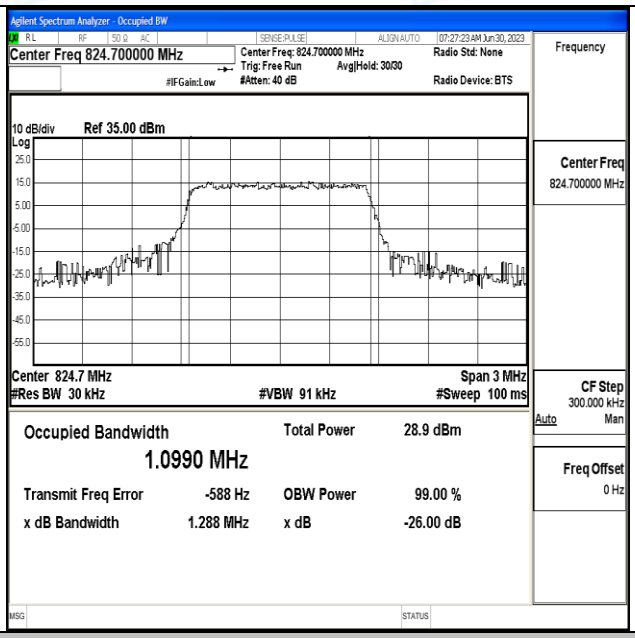
10MHz-20600

F.3 26dB Bandwidth and Occupied Bandwidth

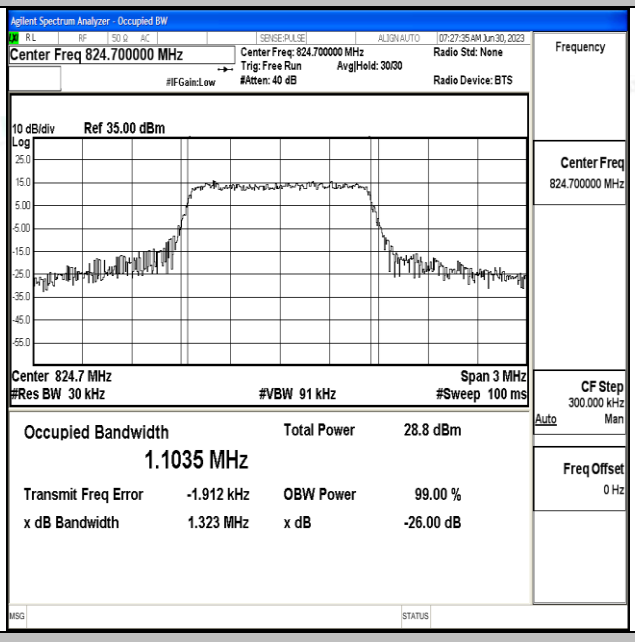
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0990	1.288	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1035	1.323	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0954	1.299	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1009	1.315	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0956	1.284	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0950	1.387	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7211	3.196	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7007	3.086	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7044	3.096	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7052	3.178	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7137	3.052	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7064	3.256	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5277	5.240	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5298	5.251	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5098	5.342	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5350	5.356	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5220	5.274	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5478	5.291	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9802	10.11	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9685	10.06	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0196	10.22	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0174	10.42	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9719	10.11	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9814	10.07	PASS

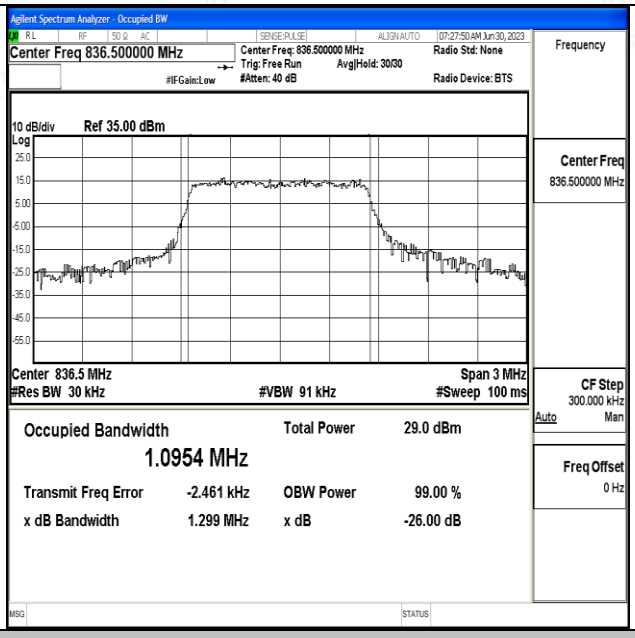
Test Graphs



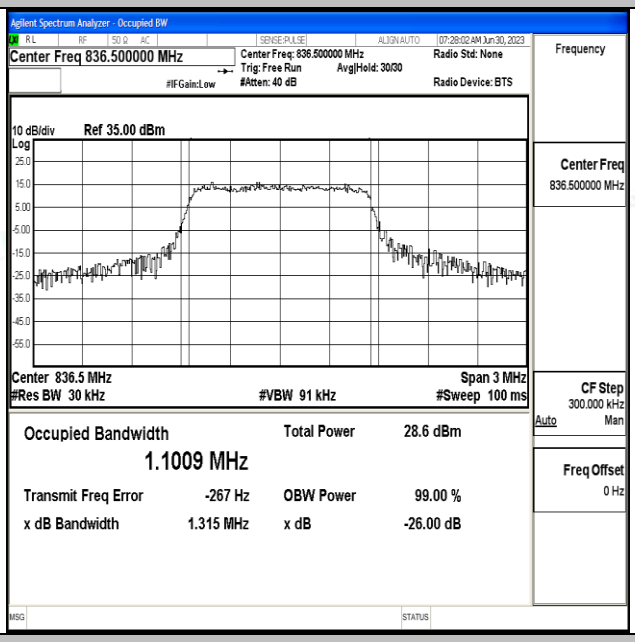
1.4MHz-20407



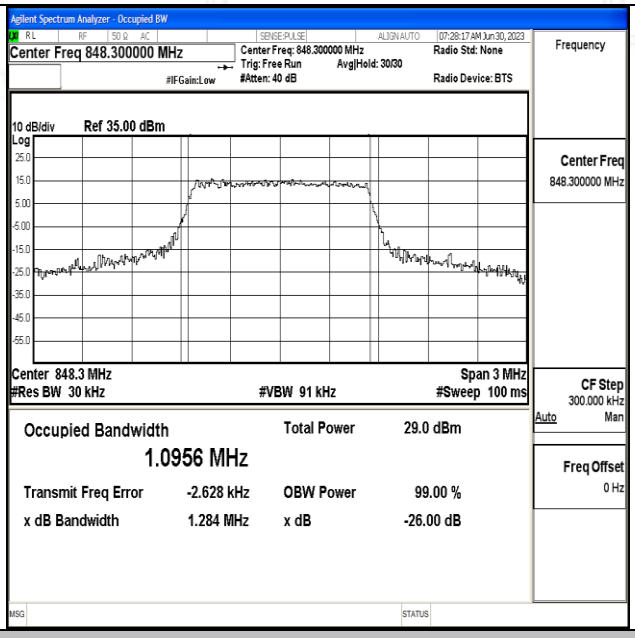
1.4MHz-20407



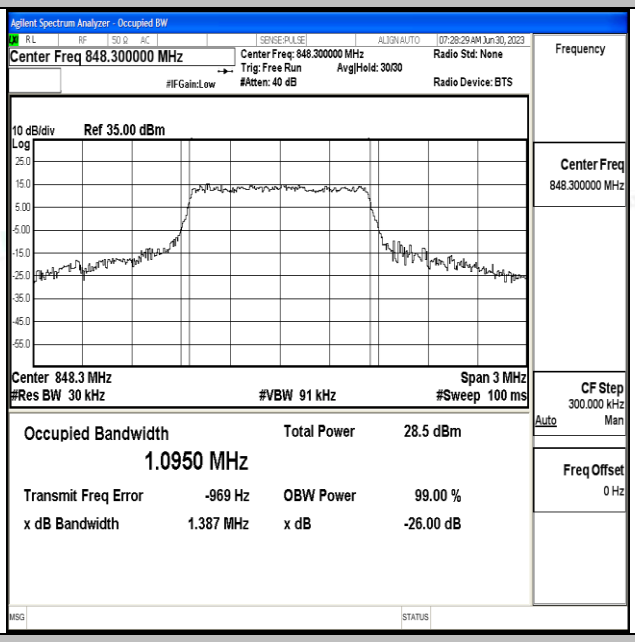
1.4MHz-20525



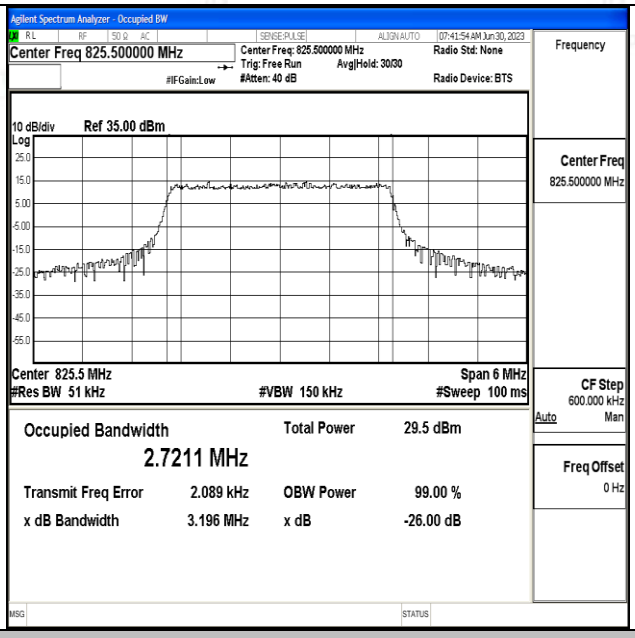
1.4MHz-20525



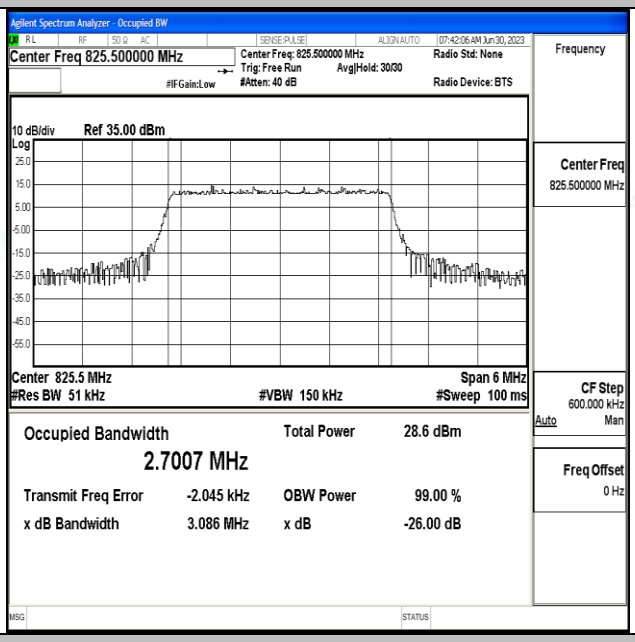
1.4MHz-20643



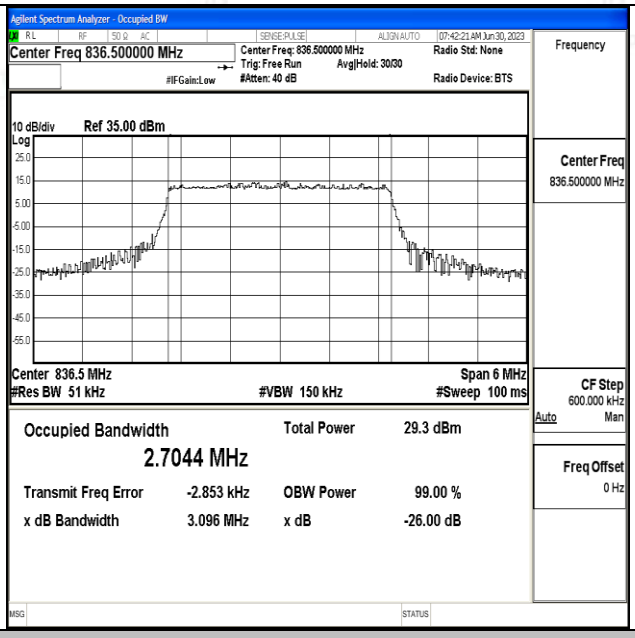
1.4MHz-20643



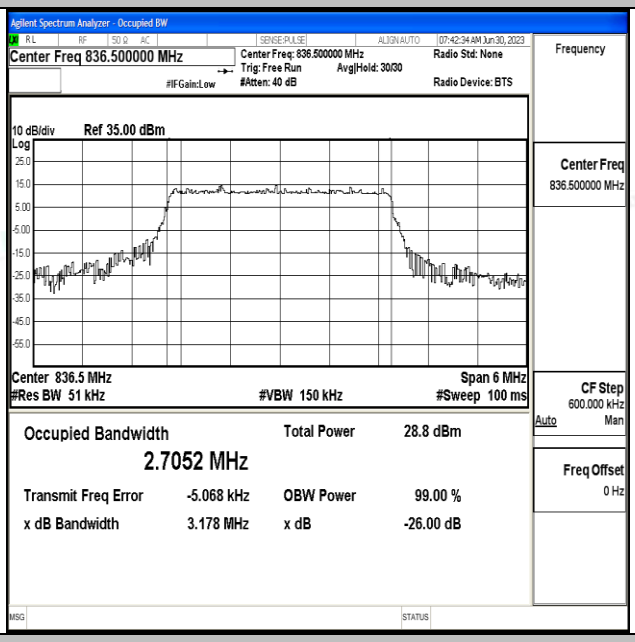
3MHz-20415



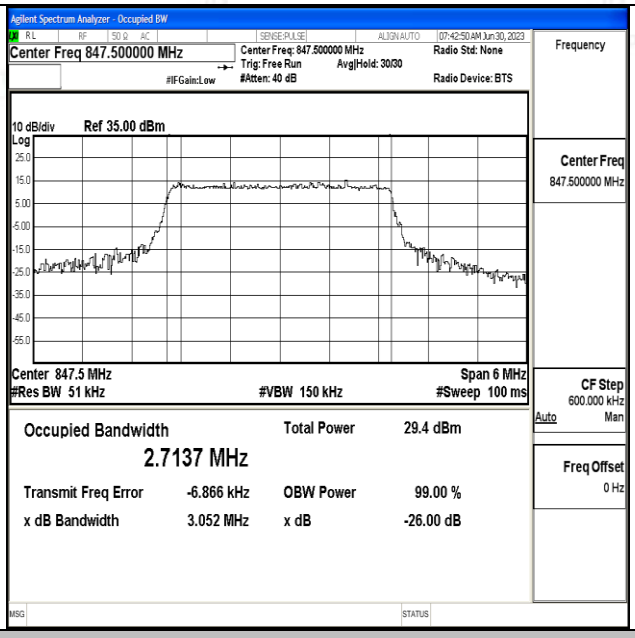
3MHz-20415



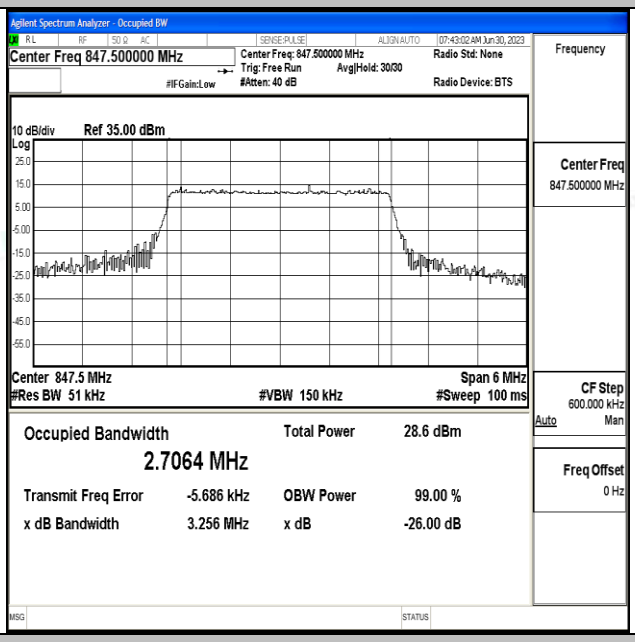
3MHz-20525



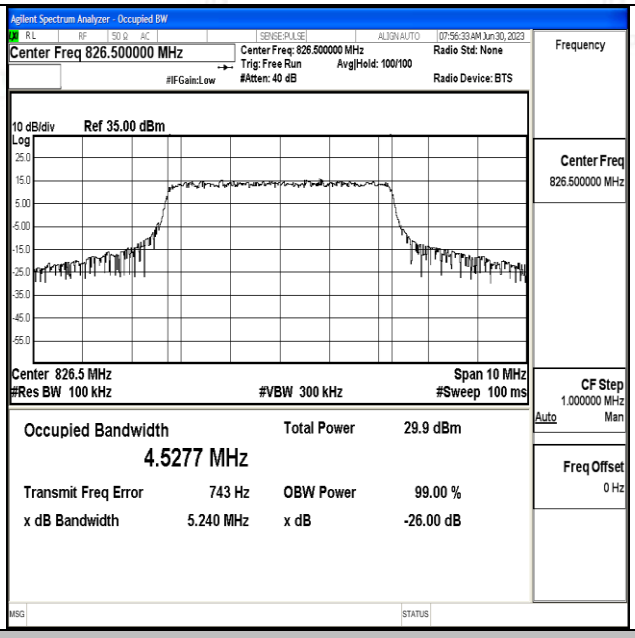
3MHz-20525



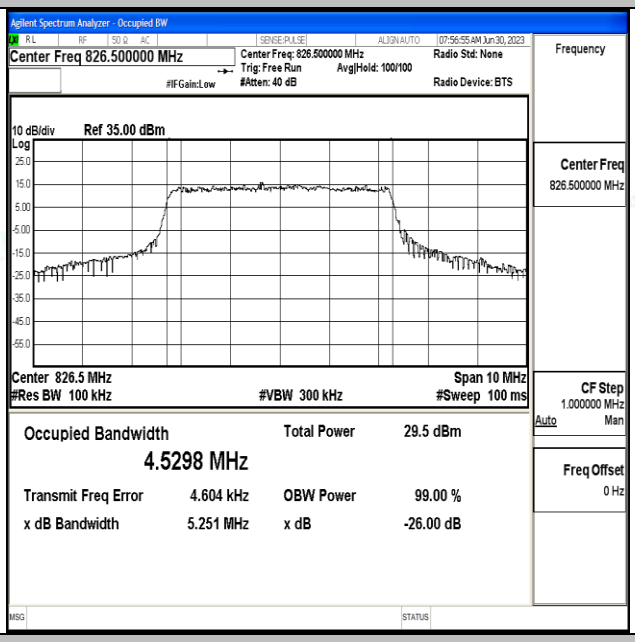
3MHz-20635



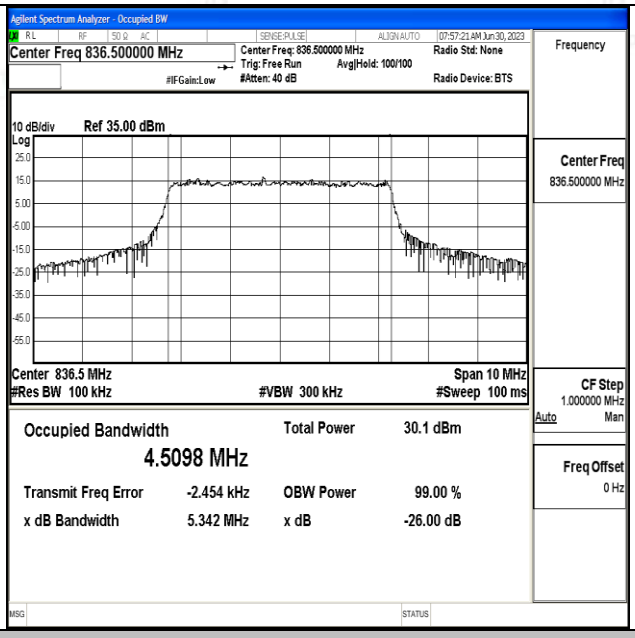
3MHz-20635



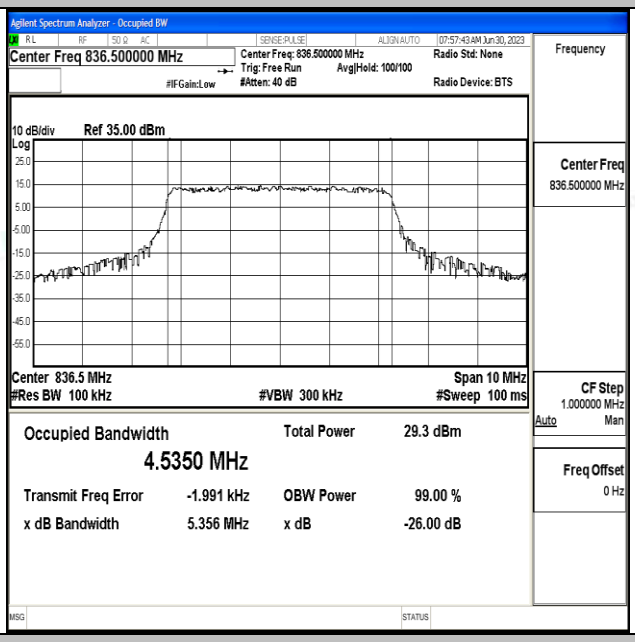
5MHz-20425



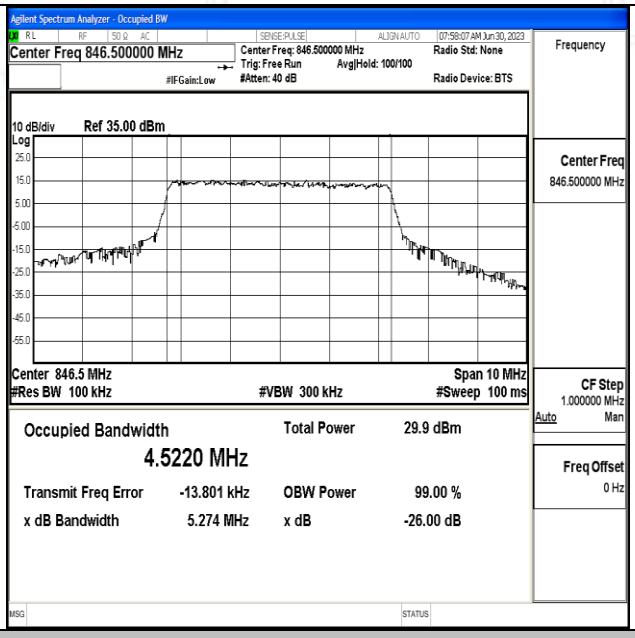
5MHz-20425



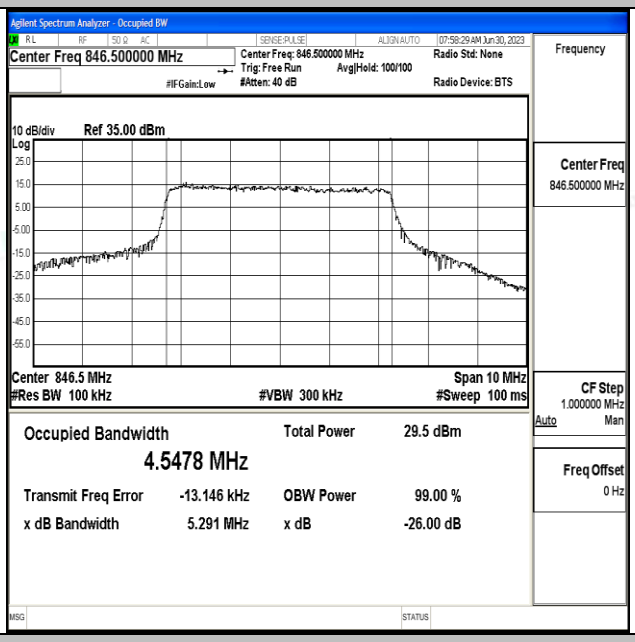
5MHz-20525



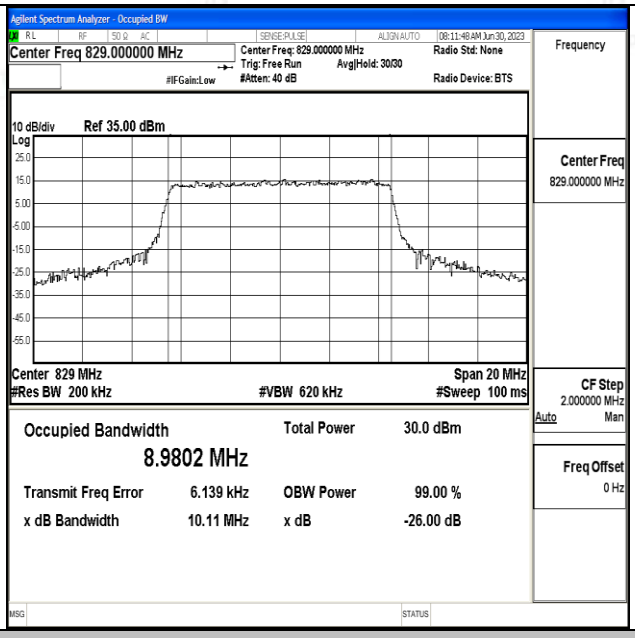
5MHz-20525



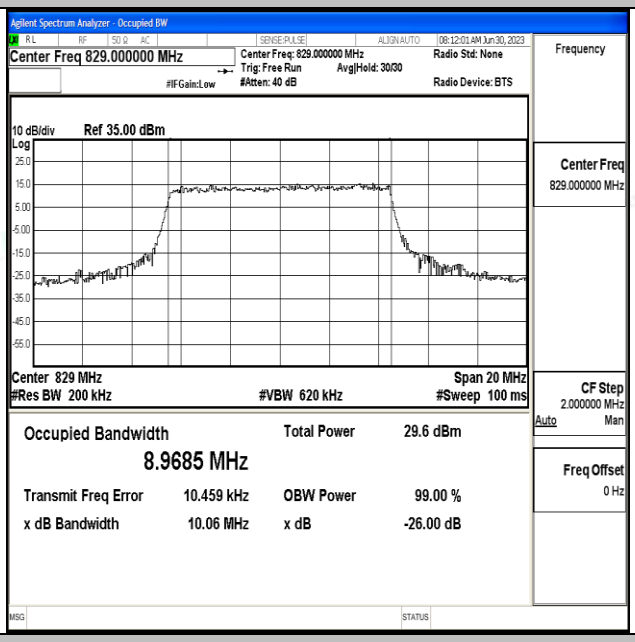
5MHz-20625



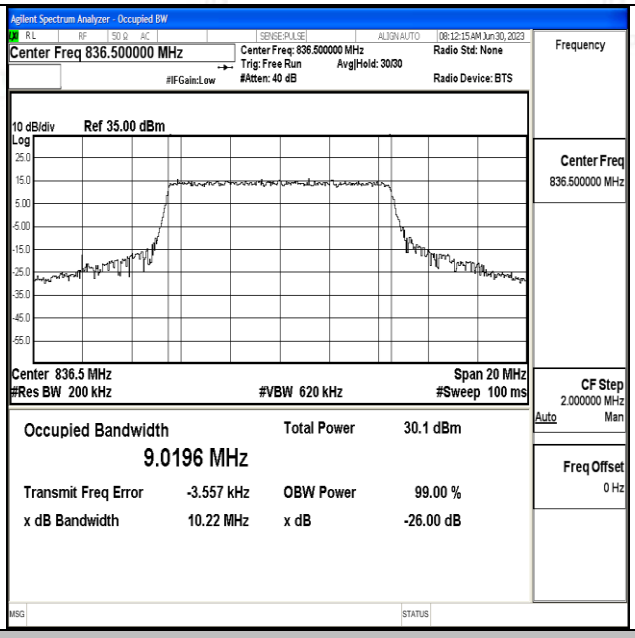
5MHz-20625



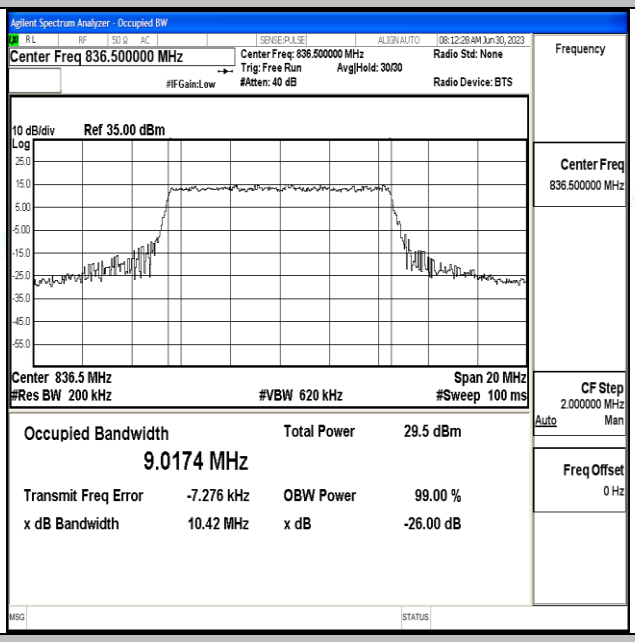
10MHz-20450



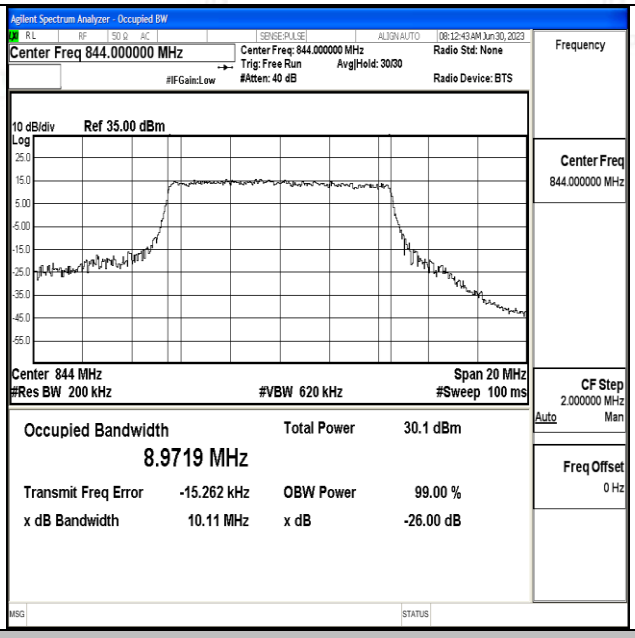
10MHz-20450



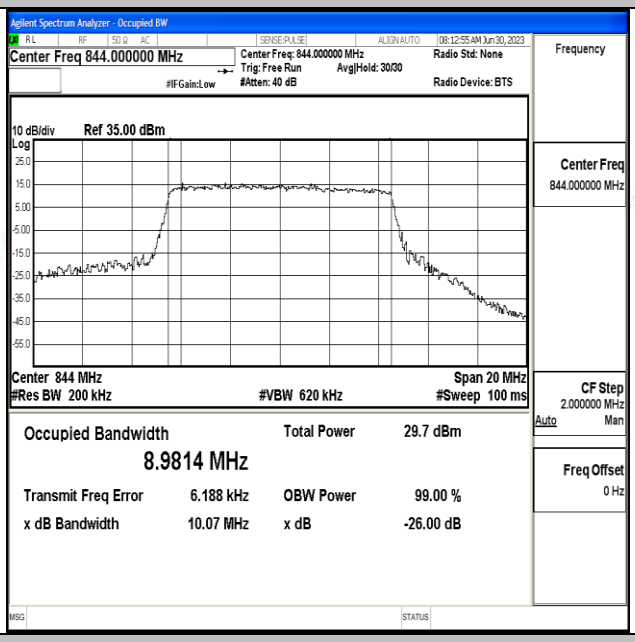
10MHz-20525



10MHz-20525



10MHz-20600



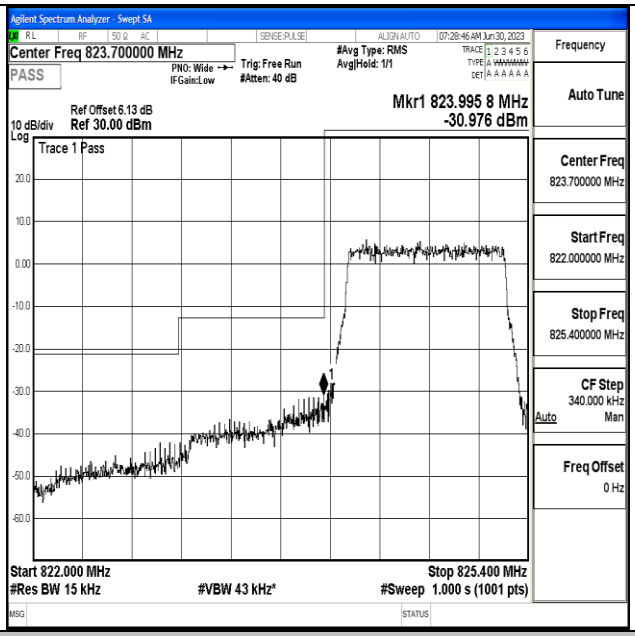
10MHz-20600

F.4 Band Edge

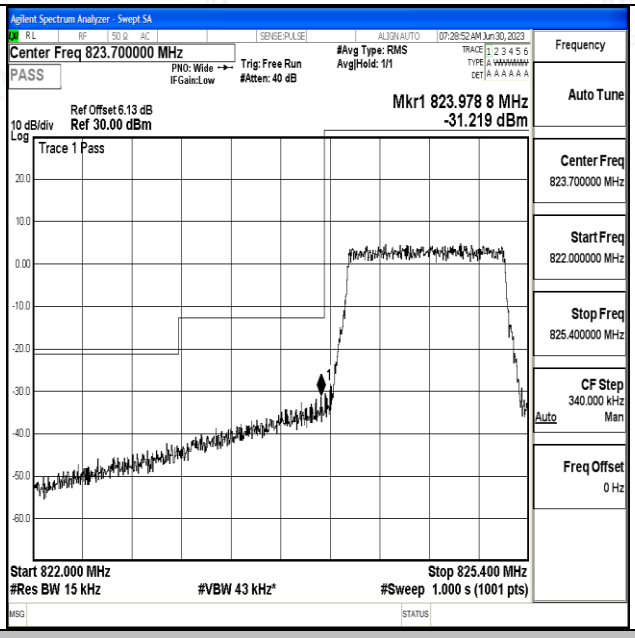
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	824.00	-30.98	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.98	-31.22	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.06	-28.34	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.06	-28.47	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-25.09	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-26.80	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-25.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.02	-25.71	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-30.73	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.99	-31.96	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-30.62	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-28.33	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.94	-35.08	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-35.41	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.01	-31.93	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.09	-33.04	PASS

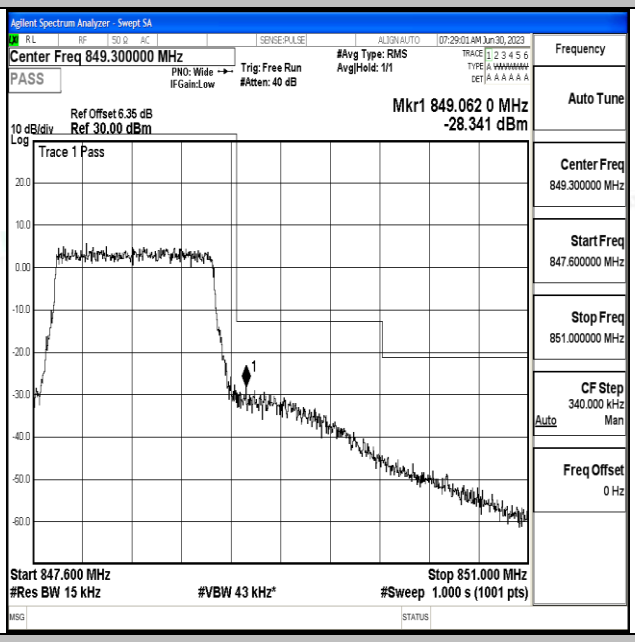
Test Graphs



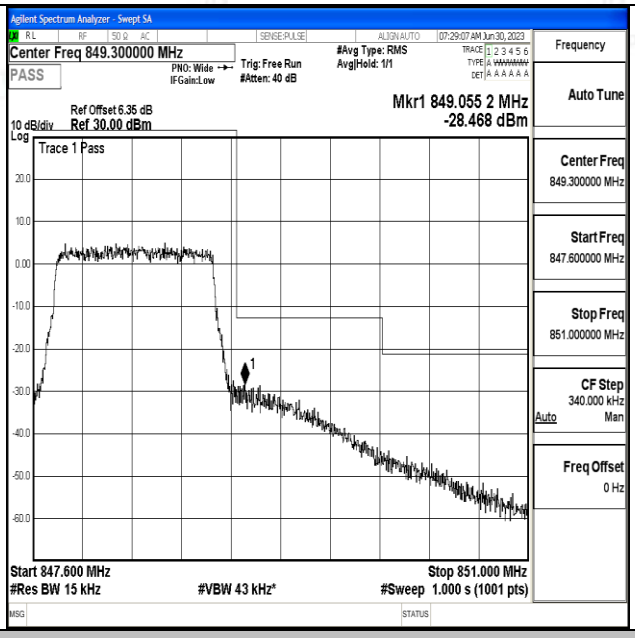
Band5_1.4MHz_QPSK_20407_6RB#0



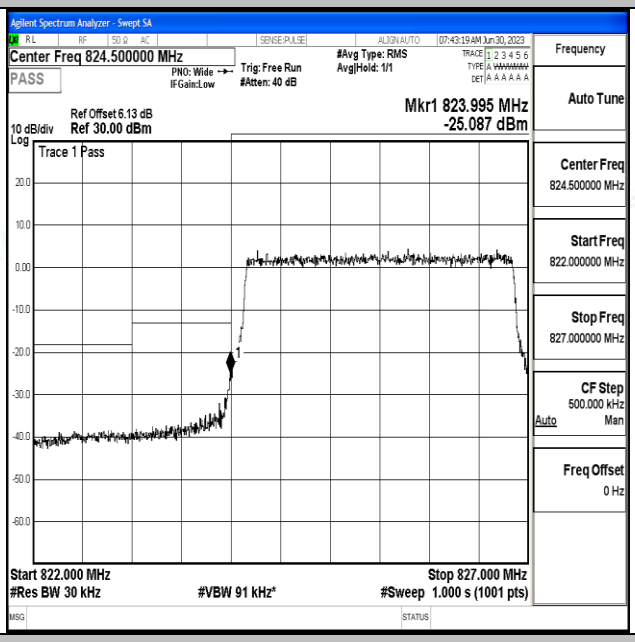
Band5_1.4MHz_16QAM_20407_6RB#0



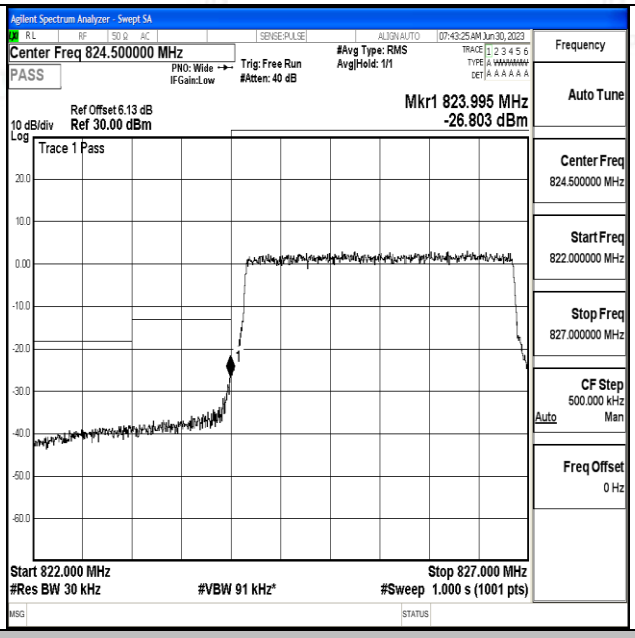
Band5_1.4MHz_QPSK_20643_6RB#0



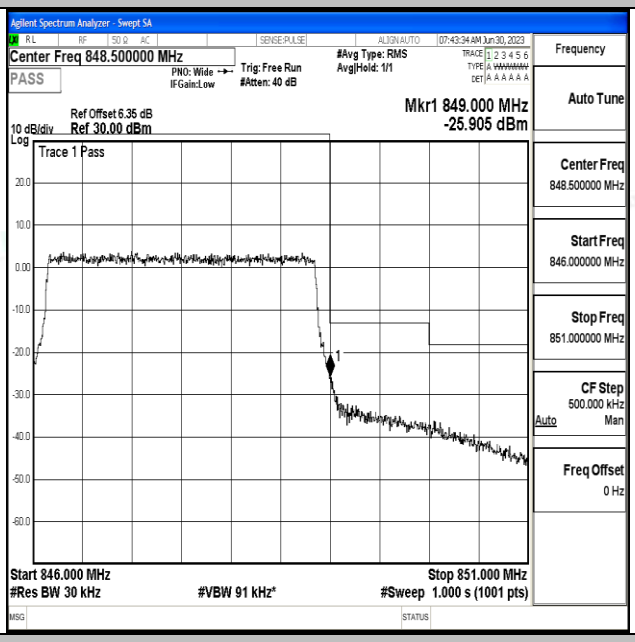
Band5_1.4MHz_16QAM_20643_6RB#0



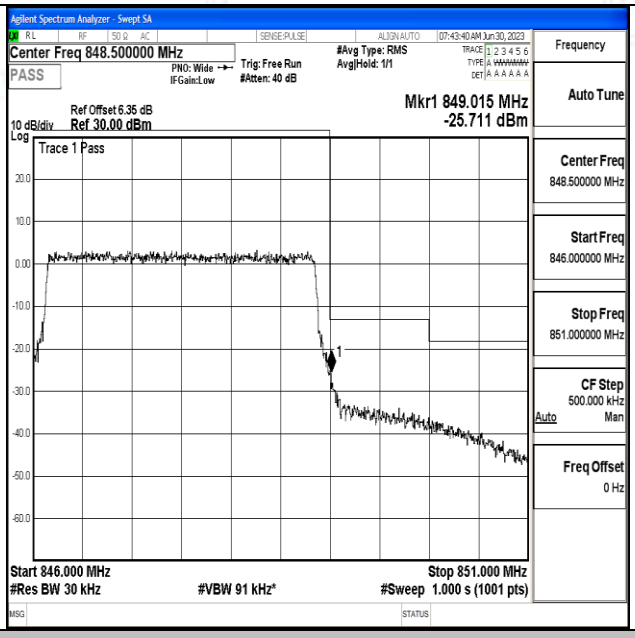
Band5_3MHz_QPSK_20415_15RB#0



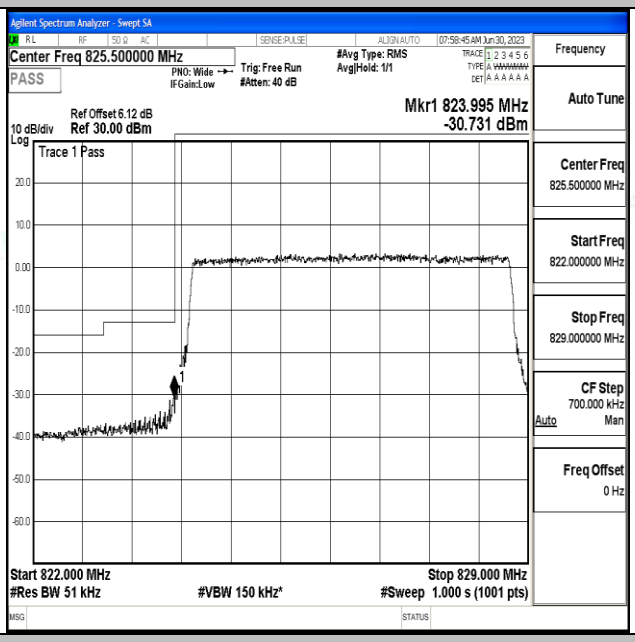
Band5_3MHz_16QAM_20415_15RB#0



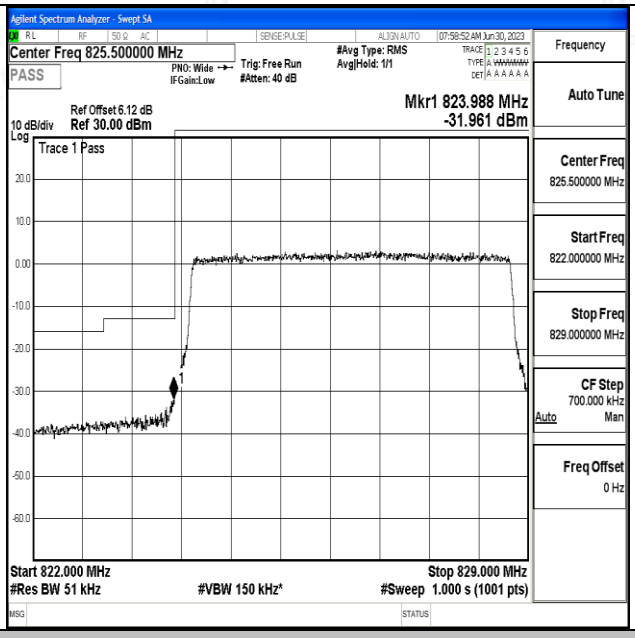
Band5_3MHz_QPSK_20635_15RB#0



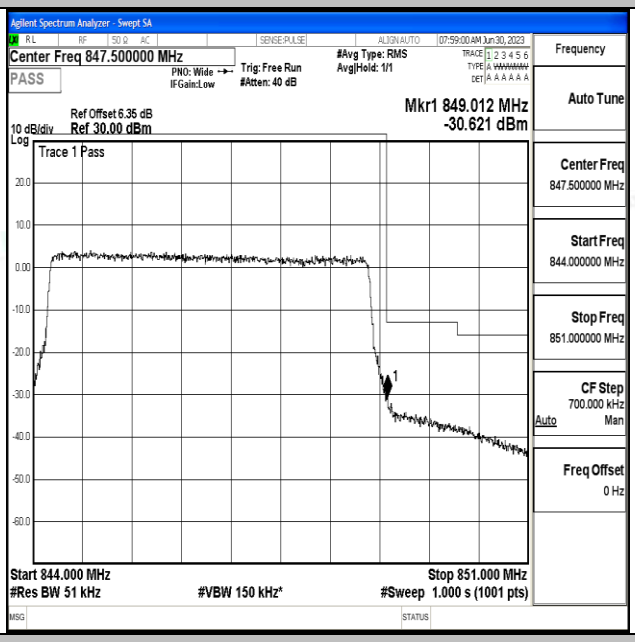
Band5_3MHz_16QAM_20635_15RB#0



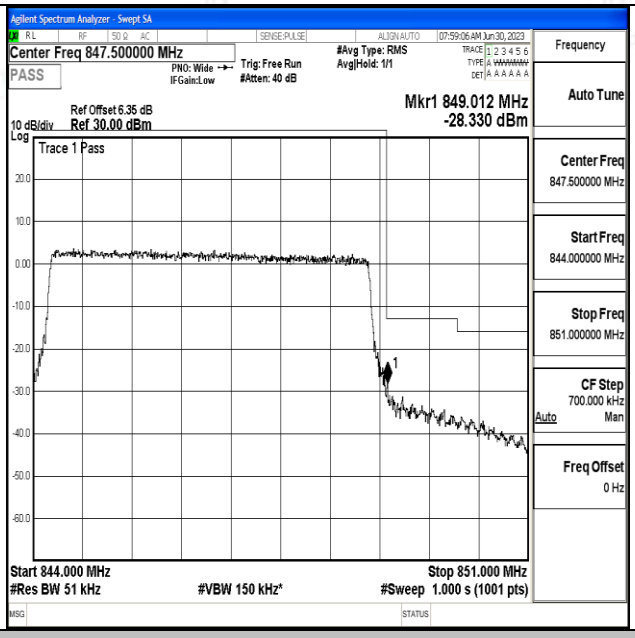
Band5_5MHz_QPSK_20425_25RB#0



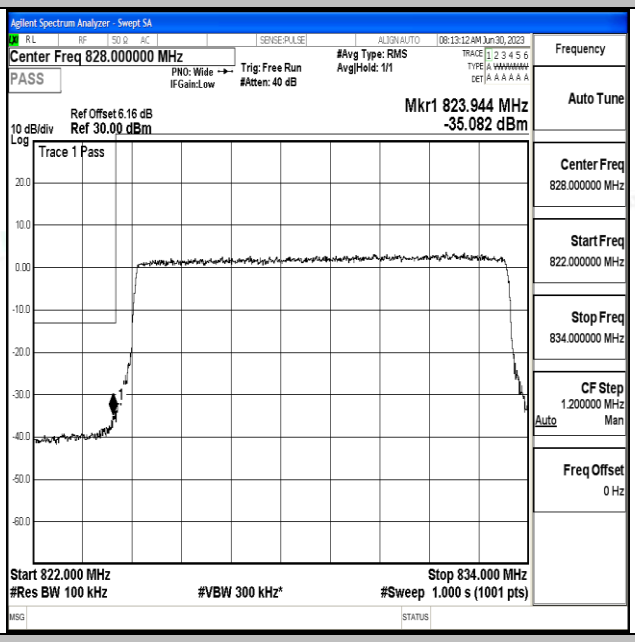
Band5_5MHz_16QAM_20425_25RB#0



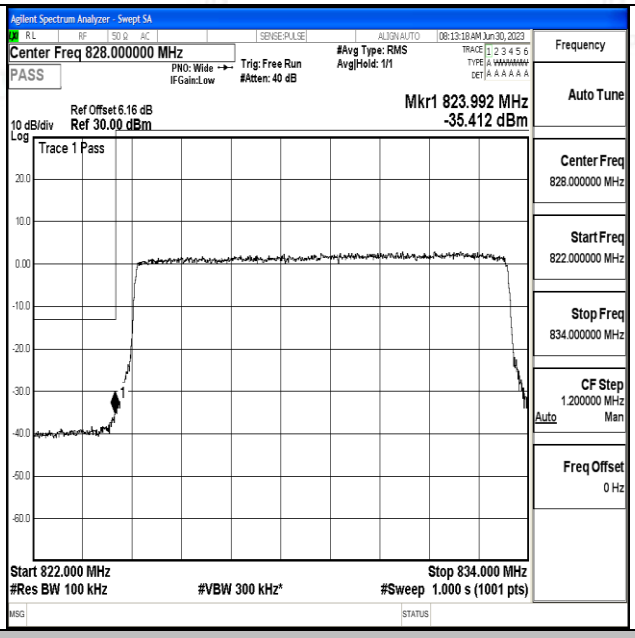
Band5_5MHz_QPSK_20625_25RB#0



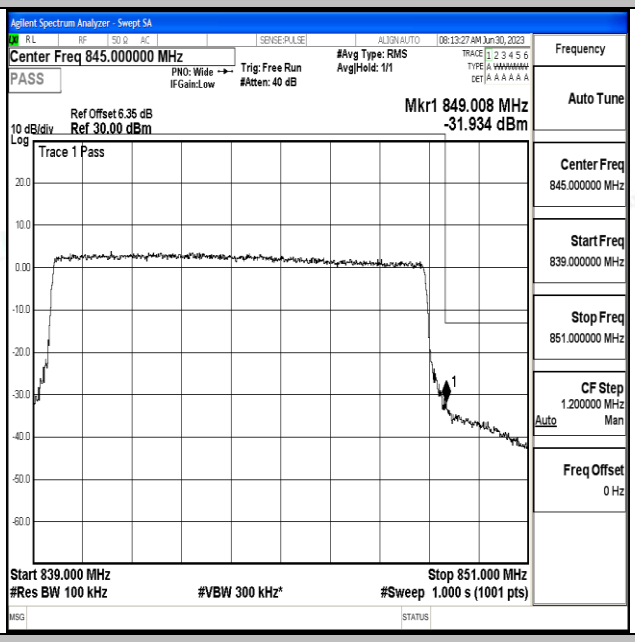
Band5_5MHz_16QAM_20625_25RB#0



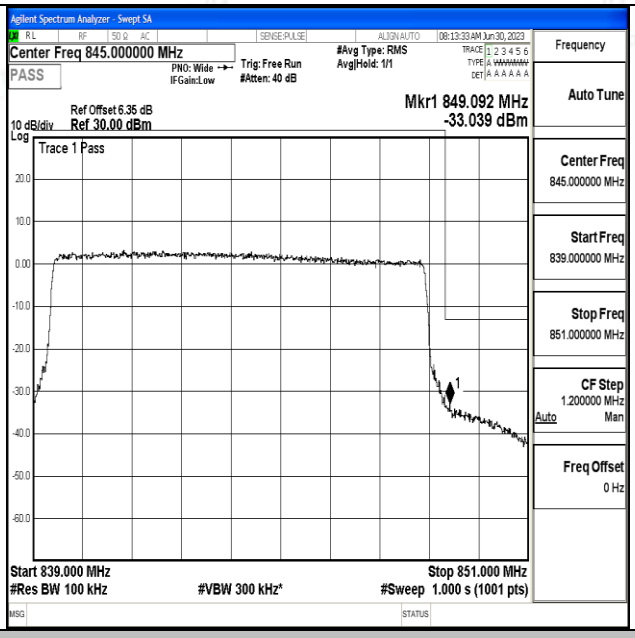
Band5_10MHz_QPSK_20450_50RB#0



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

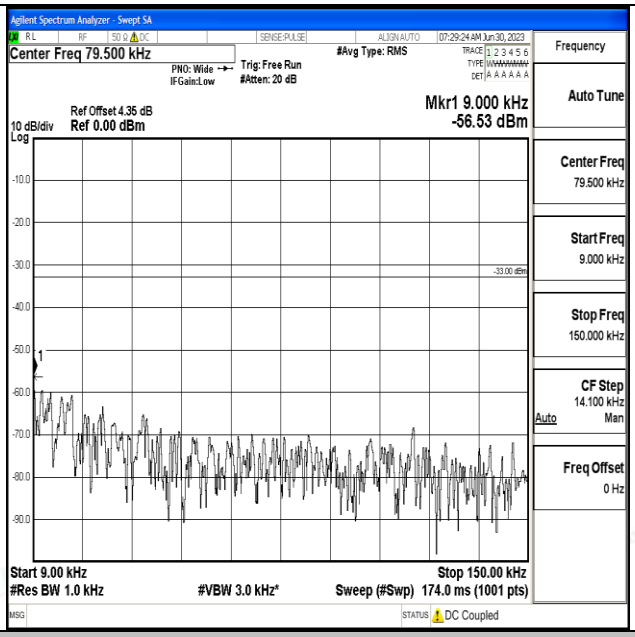
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.53	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-45.68	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.25	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.42	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-54.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-44.14	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-39.99	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-43.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-58.22	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-44.48	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.26	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-59.27	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.69	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-46.20	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-42.33	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.29	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-60.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-52.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-45.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-40.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-43.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-59.56	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-53.66	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-44.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-40.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.28	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-59.14	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-55.73	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-49.96	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-41.98	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.95	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-58.50	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-54.31	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-50.16	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.11	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-59.51	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-54.40	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-51.82	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.24	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.66	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.06	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-49.30	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-41.94	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.56	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-57.10	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-51.79	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-48.39	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.88	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-43.29	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-58.63	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-54.70	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-48.38	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.48	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-59.21	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.54	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-57.52	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-40.41	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.73	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-55.02	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-52.96	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-58.60	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-41.69	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.30	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-54.76	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-55.04	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-59.93	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-41.32	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.99	PASS

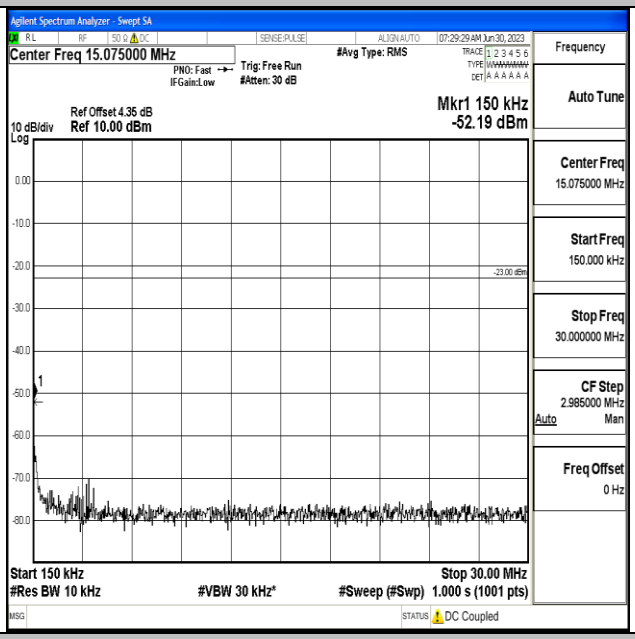
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-58.83	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-54.56	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.22	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.69	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.15	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-59.89	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-53.94	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-59.36	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-43.82	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.25	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-58.83	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-54.26	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-60.84	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.29	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-43.98	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-57.00	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.11	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.90	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-41.71	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-54.65	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-54.70	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.82	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.08	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-59.50	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.60	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.77	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.33	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-53.93	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-51.82	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.47	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-41.94	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.07	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-57.14	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.76	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.18	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-45.05	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.36	PASS

Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-60.85	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-53.37	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.97	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-44.24	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.02	PASS

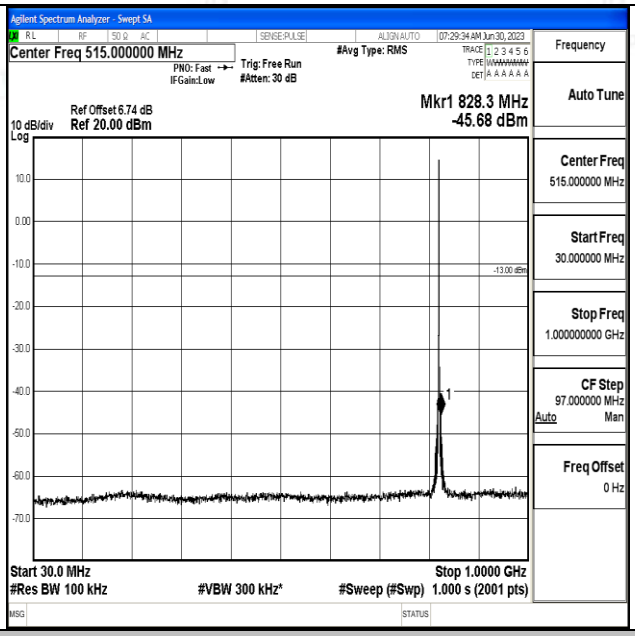
Test Graphs



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



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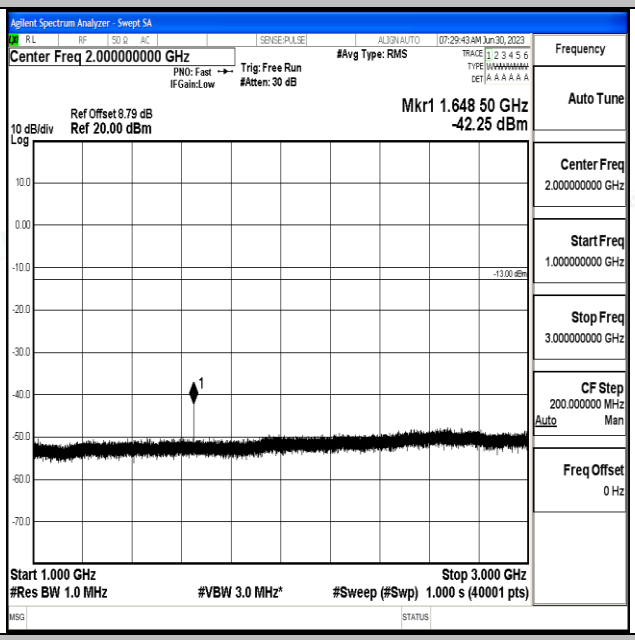
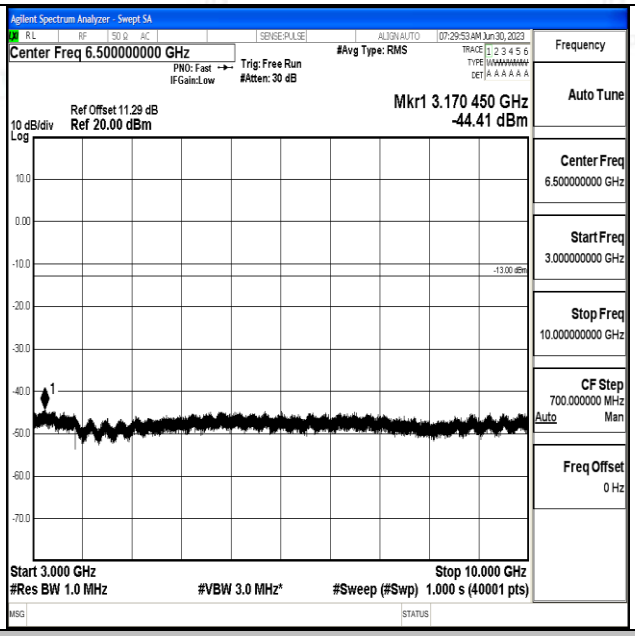


Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



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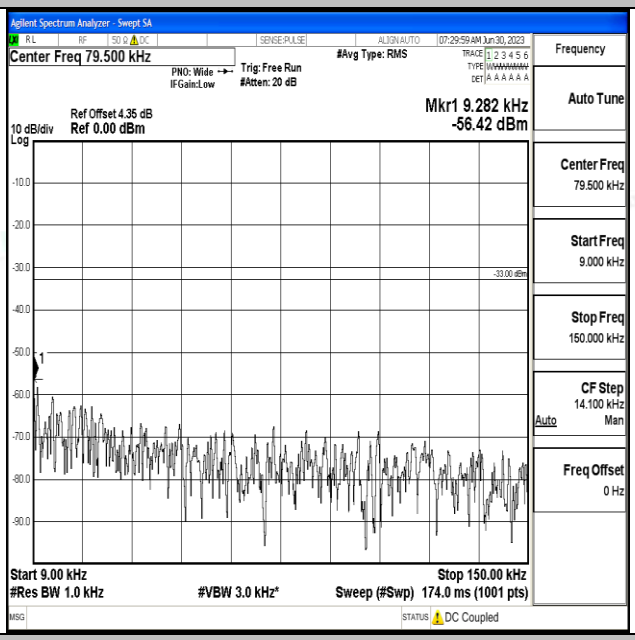

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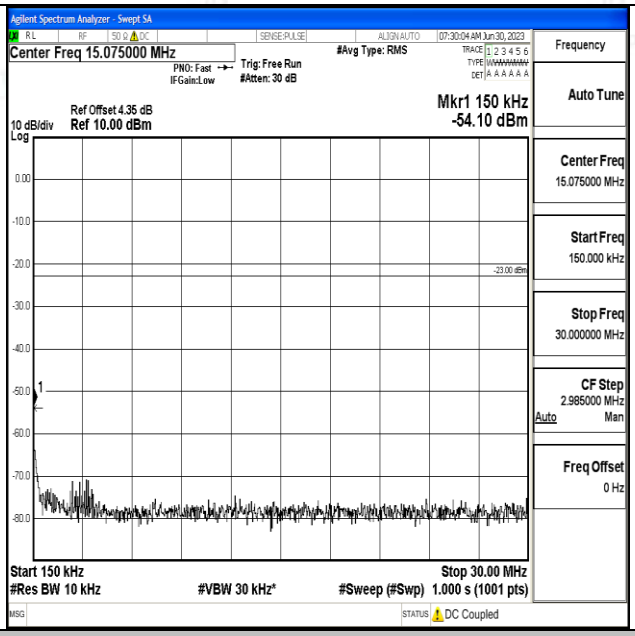

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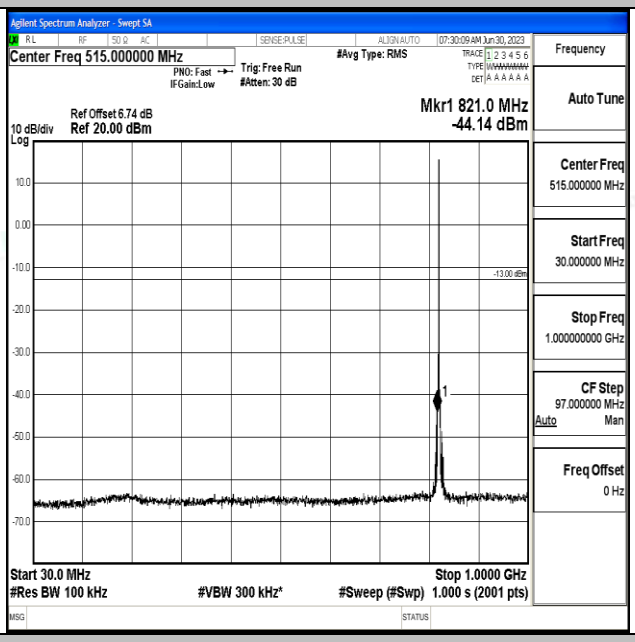

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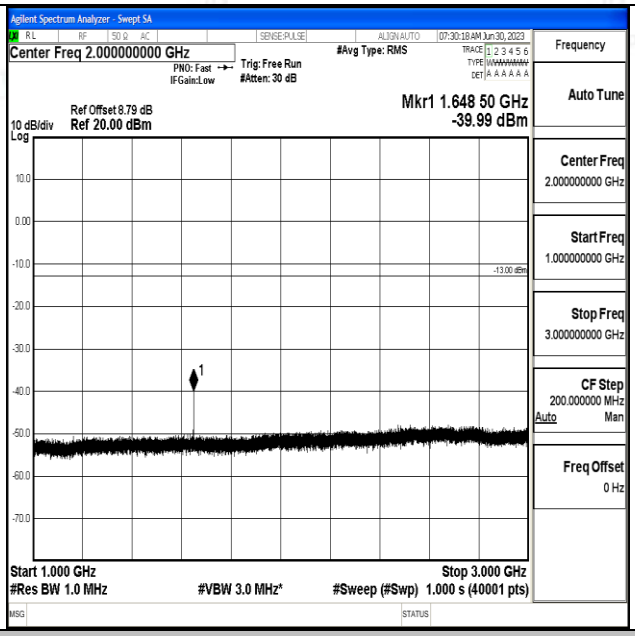
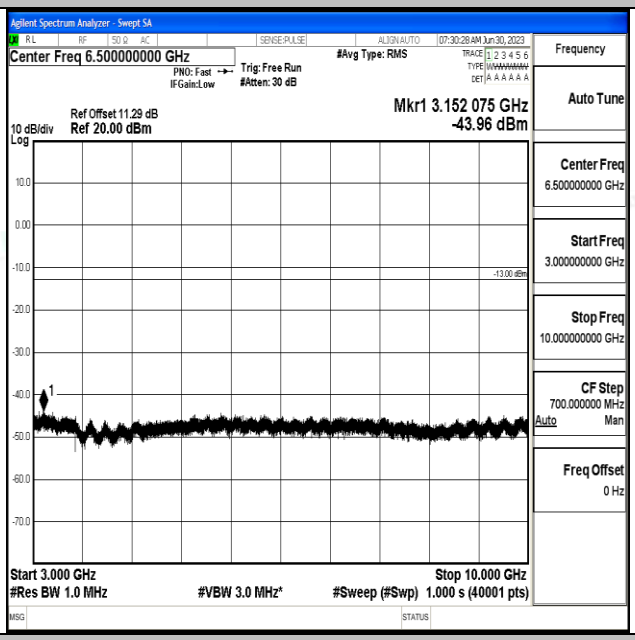


Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



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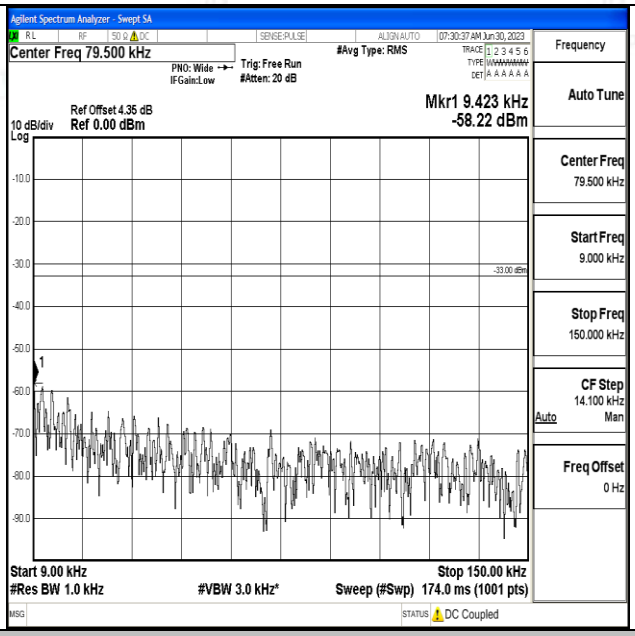

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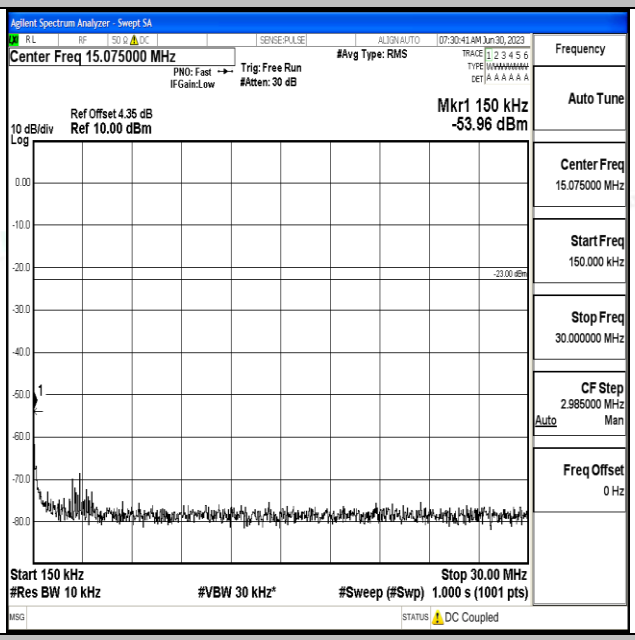
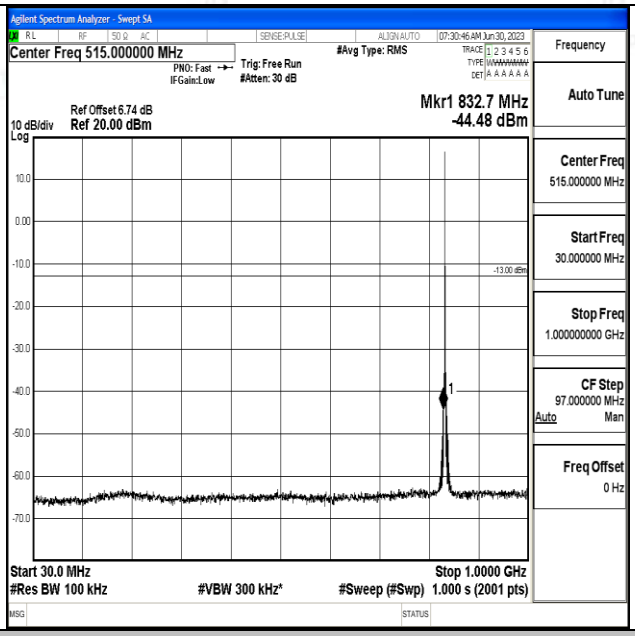


Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



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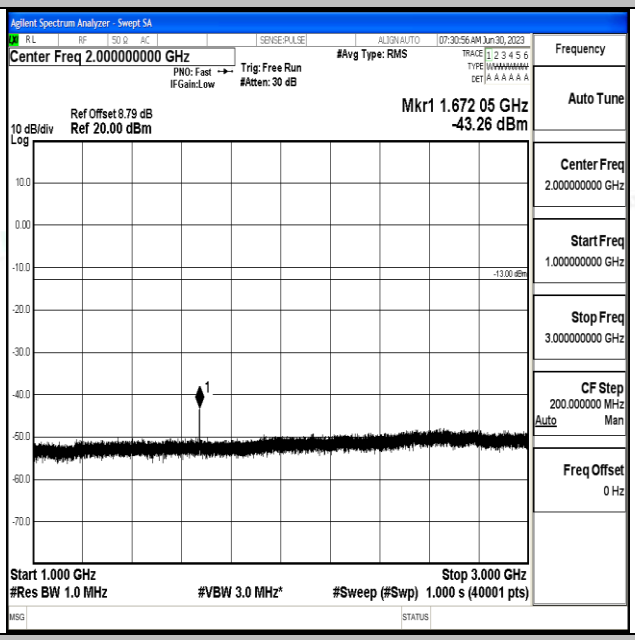
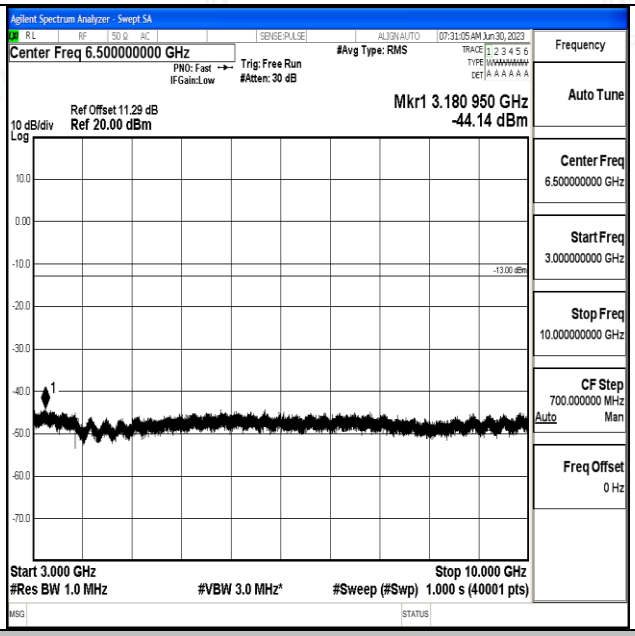


Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



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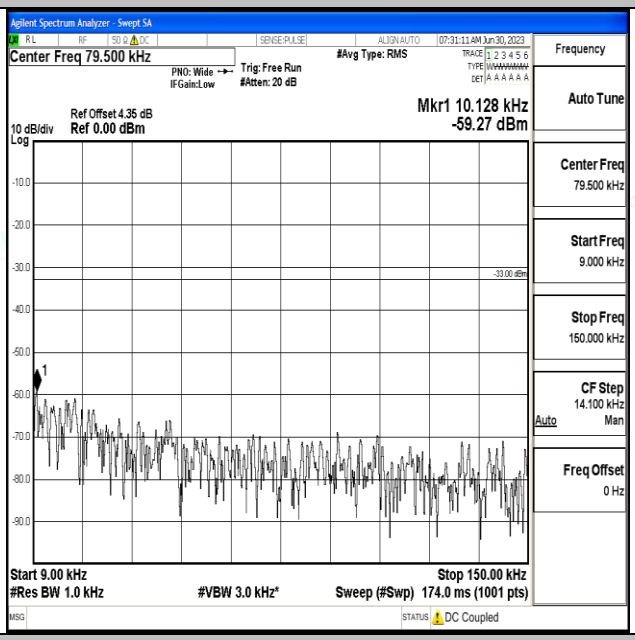
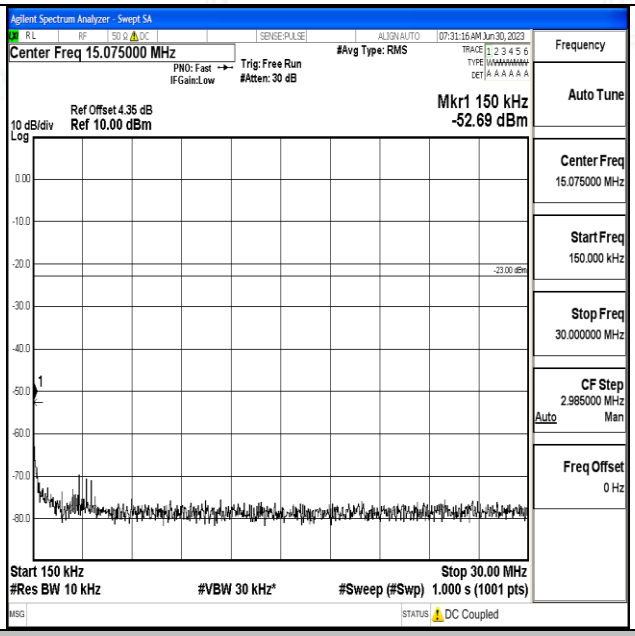
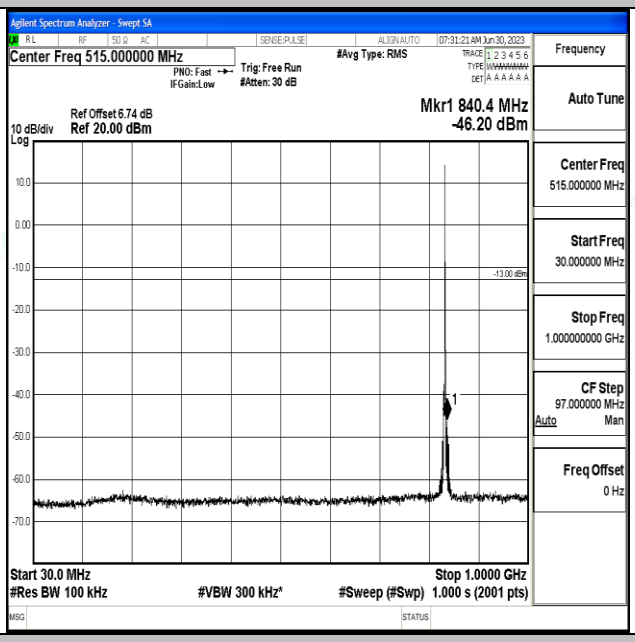


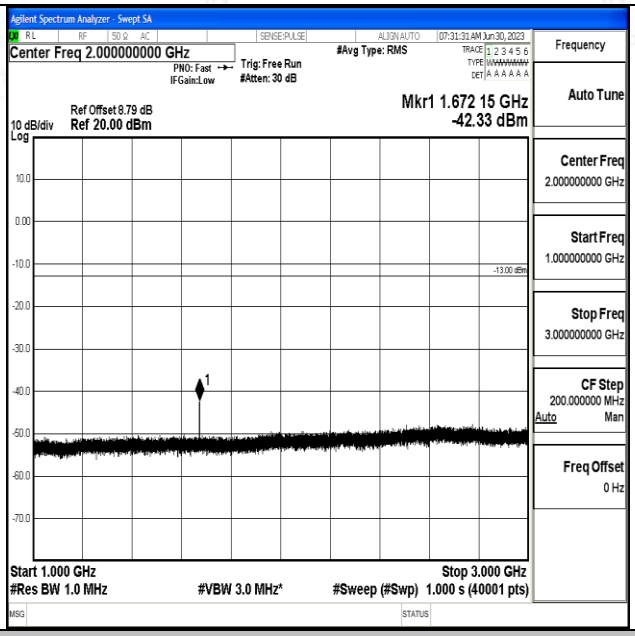
Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



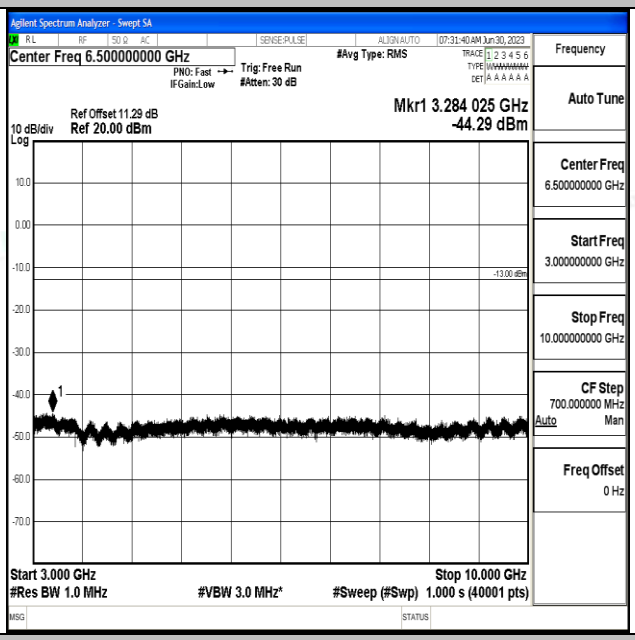
Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



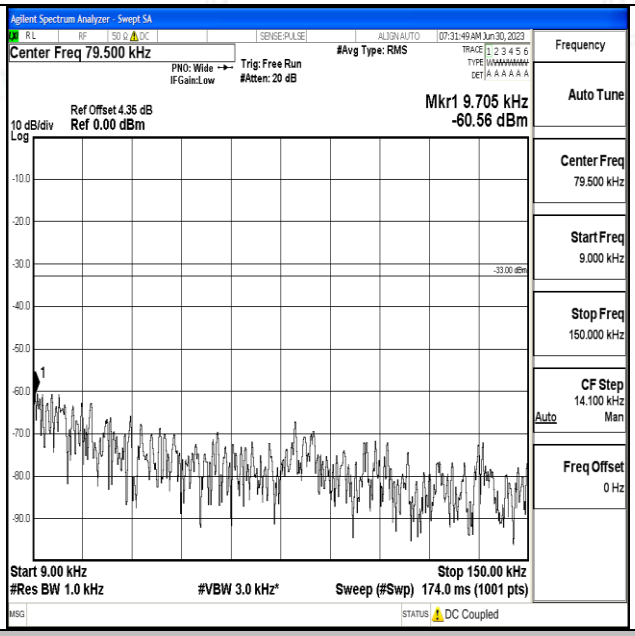
Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



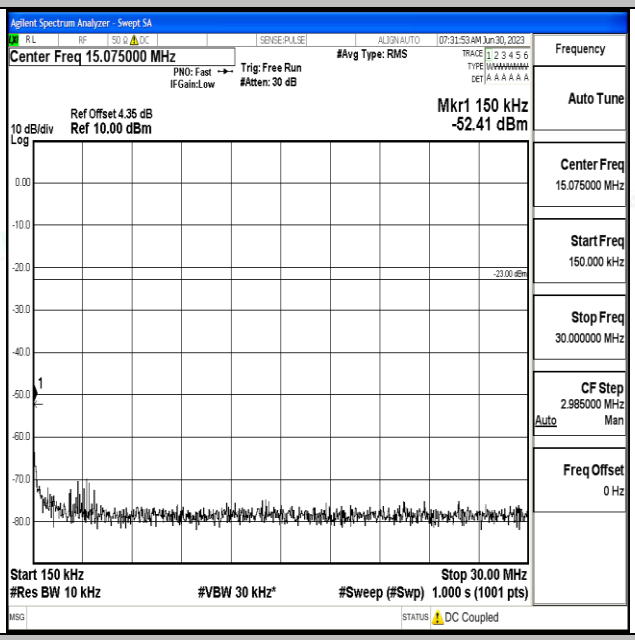
Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



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



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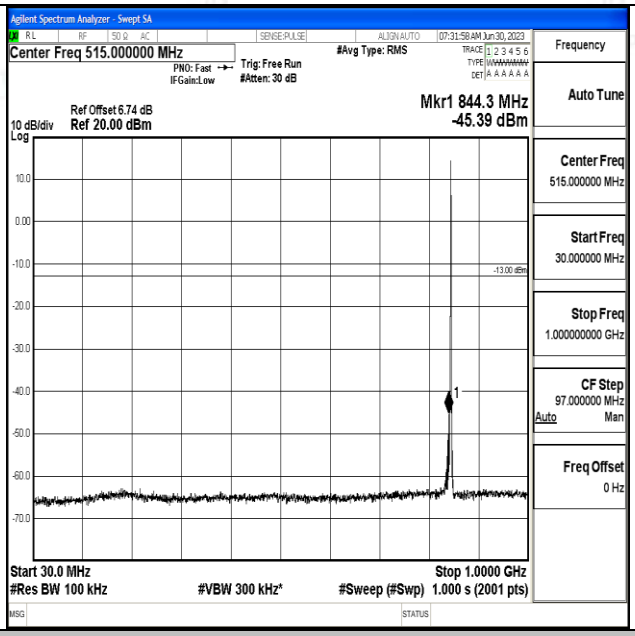
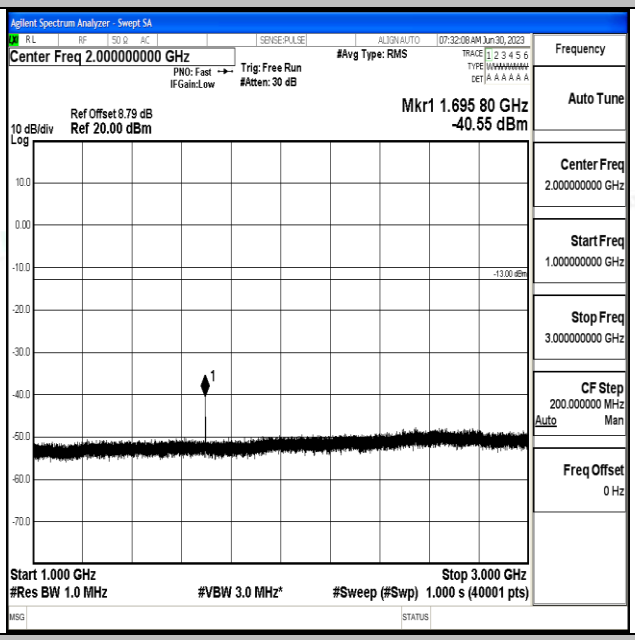
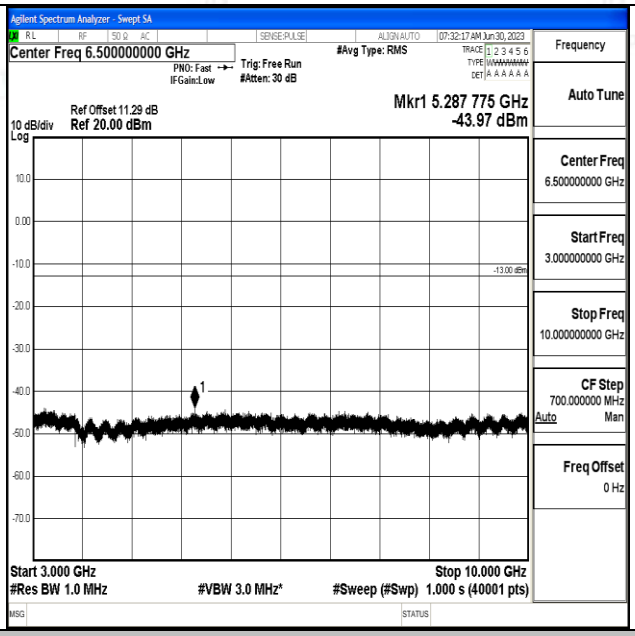


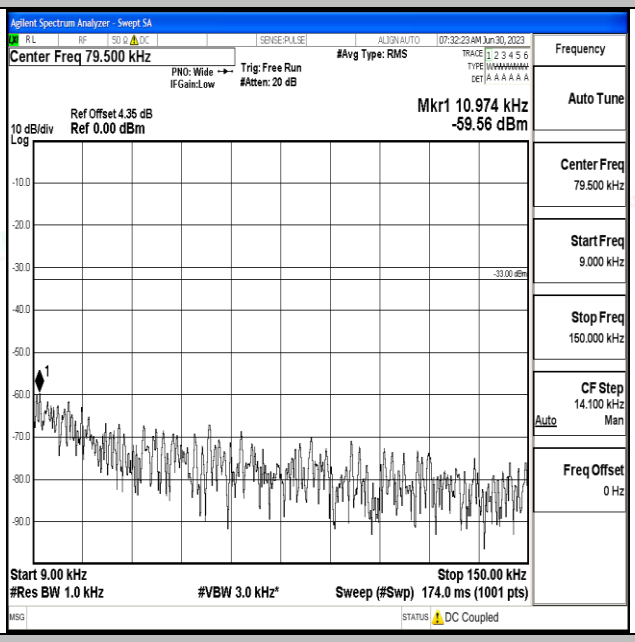
Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000



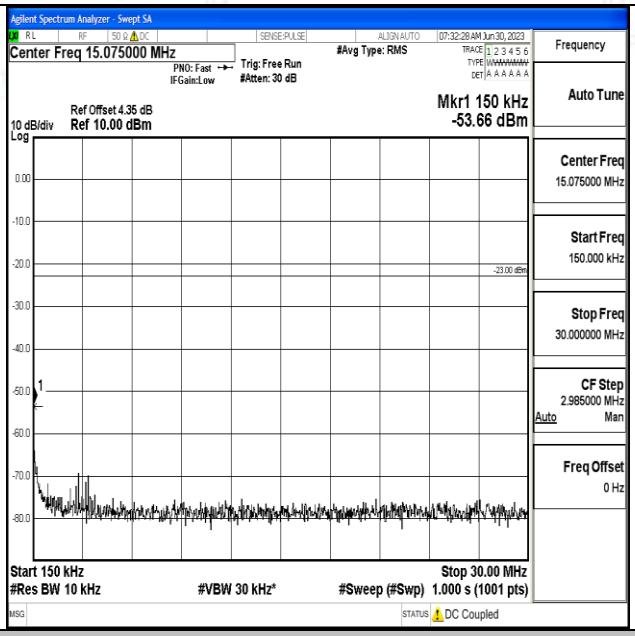
Band5_1.4MHz_QPSK_20643_1RB#0_1000~3000_1000~3000



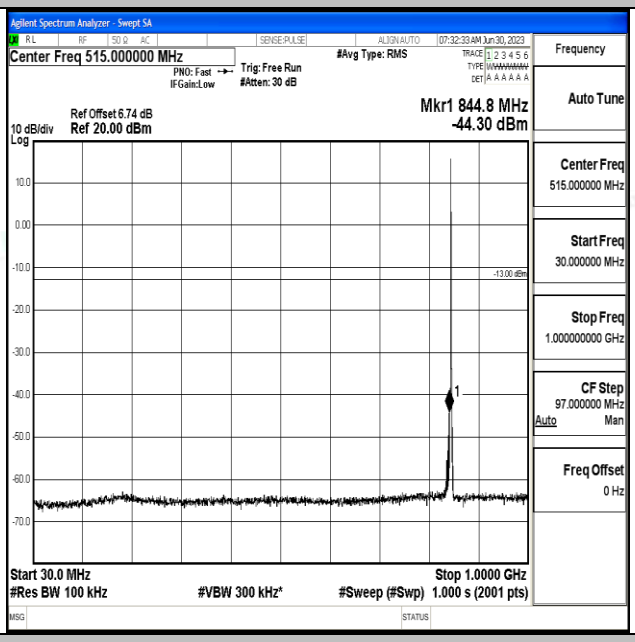
Band5_1.4MHz_QPSK_20643_1RB#0_3000~10000_3000~10000



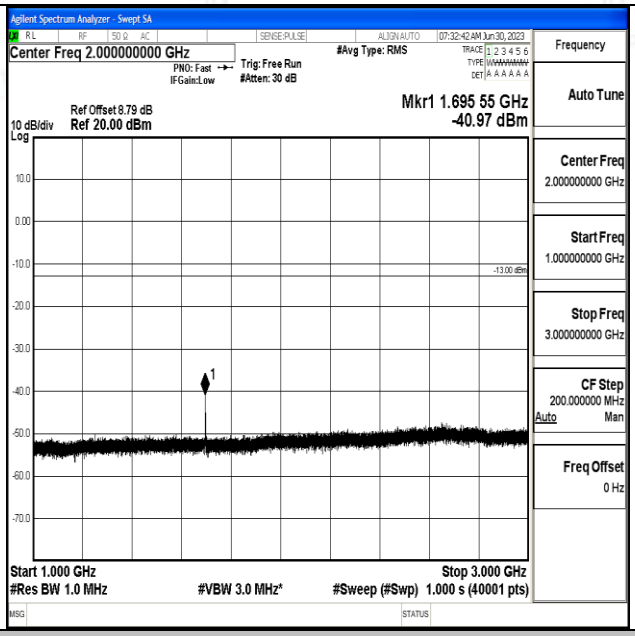
Band5_1.4MHz_16QAM_20643_1RB#0_0.009~0.15_0.009~0.15



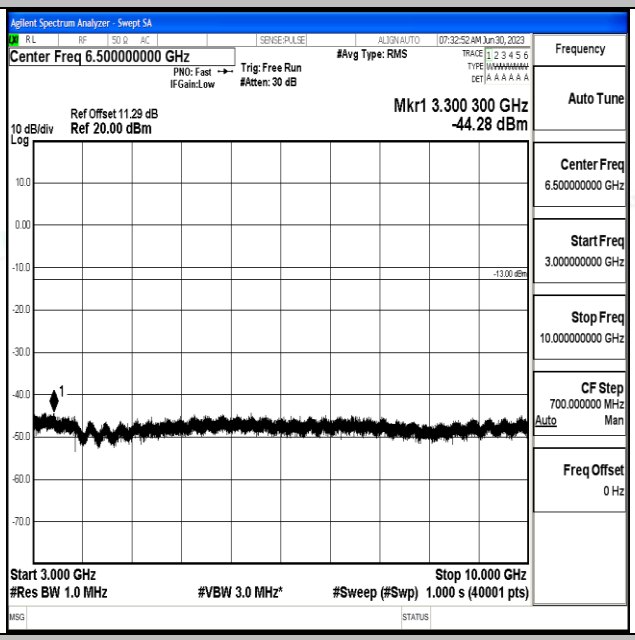
Band5_1.4MHz_16QAM_20643_1RB#0_0.15~30_0.15~30



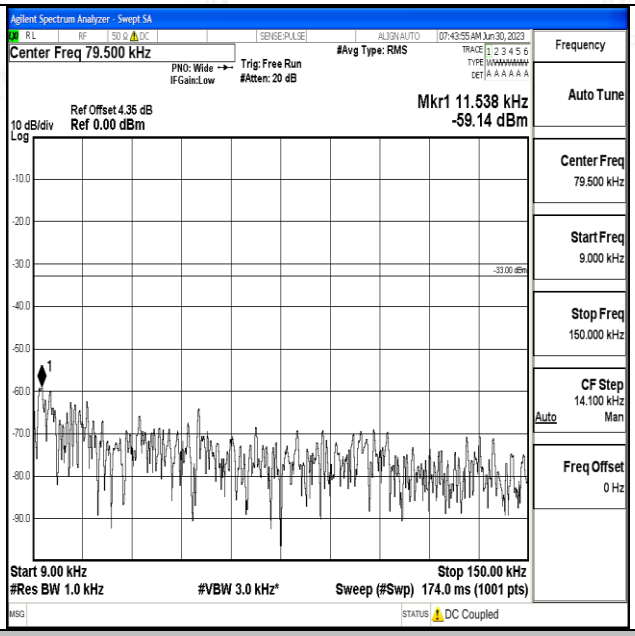
Band5_1.4MHz_16QAM_20643_1RB#0_30~1000_30~1000



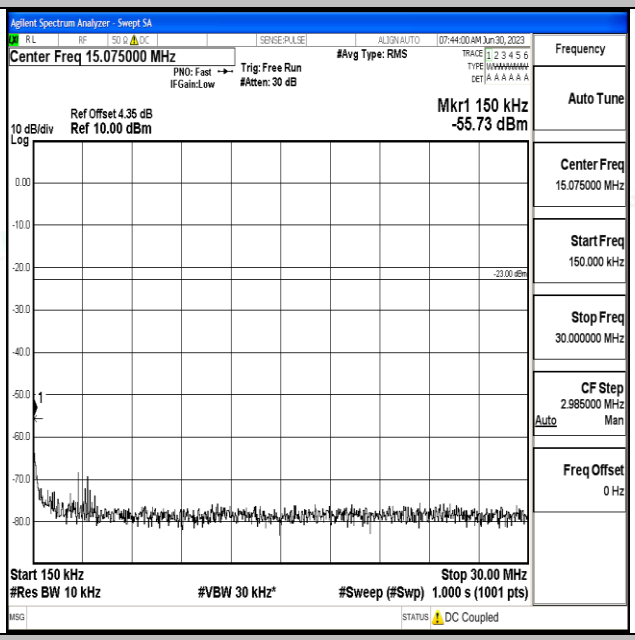
Band5_1.4MHz_16QAM_20643_1RB#0_1000~3000_1000~3000



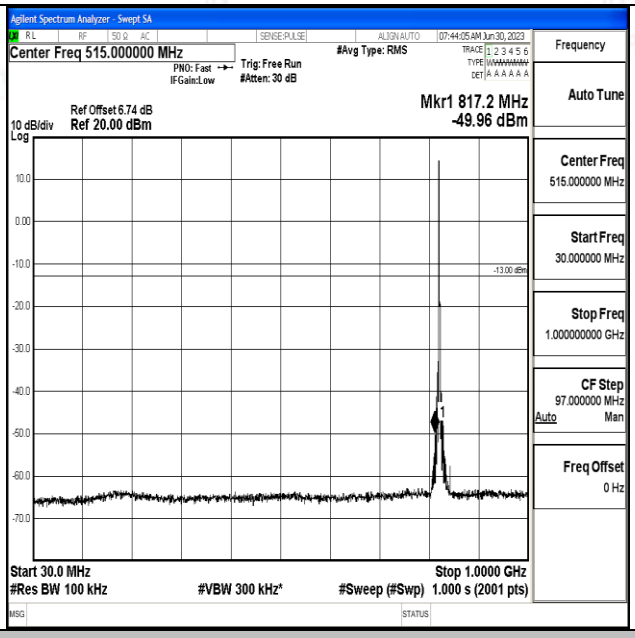
Band5_1.4MHz_16QAM_20643_1RB#0_3000~10000_3000~10000



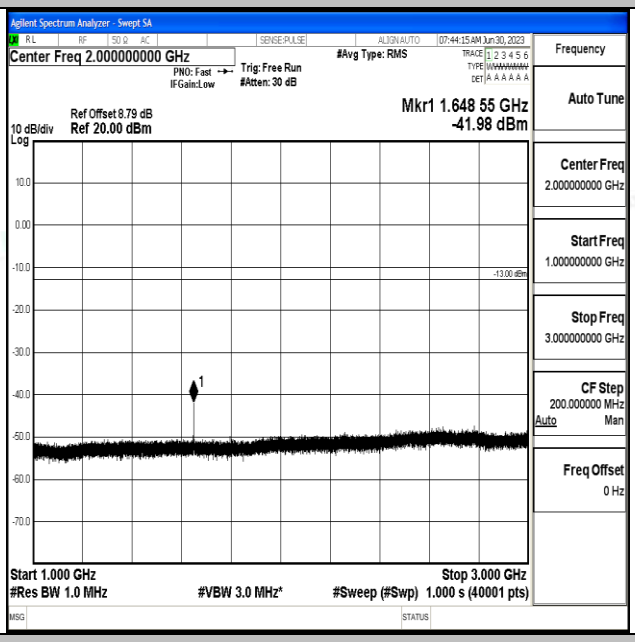
Band5_3MHz_QPSK_20415_1RB#0_0.009~0.15_0.009~0.15



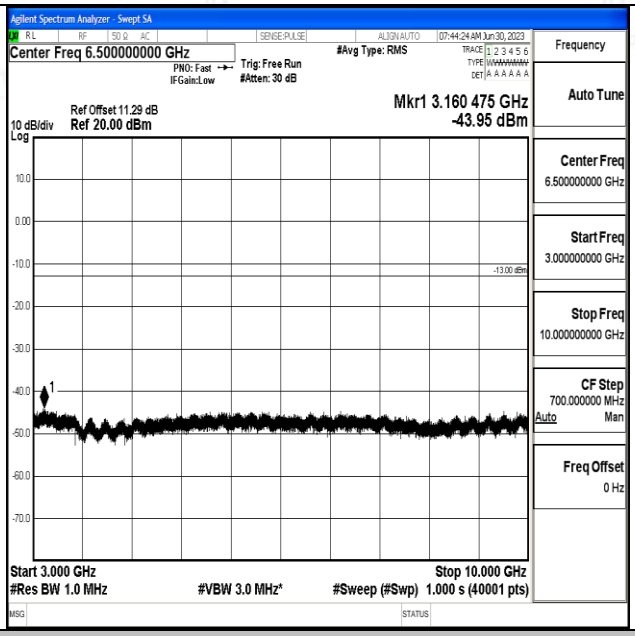
Band5_3MHz_QPSK_20415_1RB#0_0.15~30_0.15~30



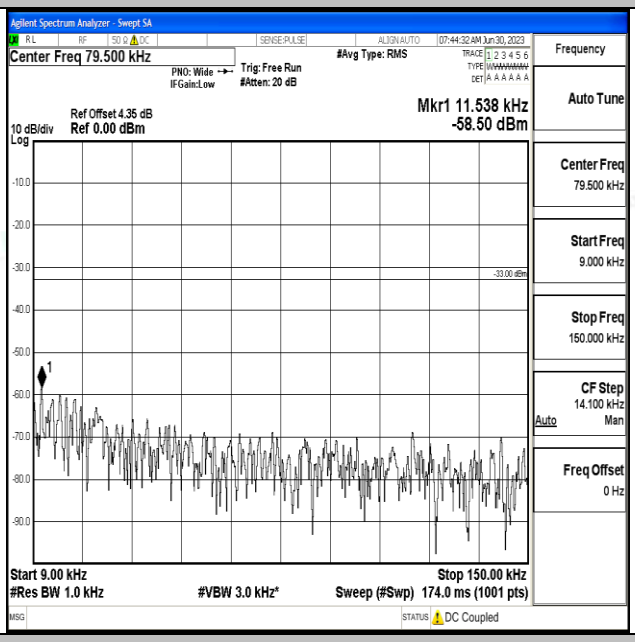
Band5_3MHz_QPSK_20415_1RB#0_30~1000_30~1000



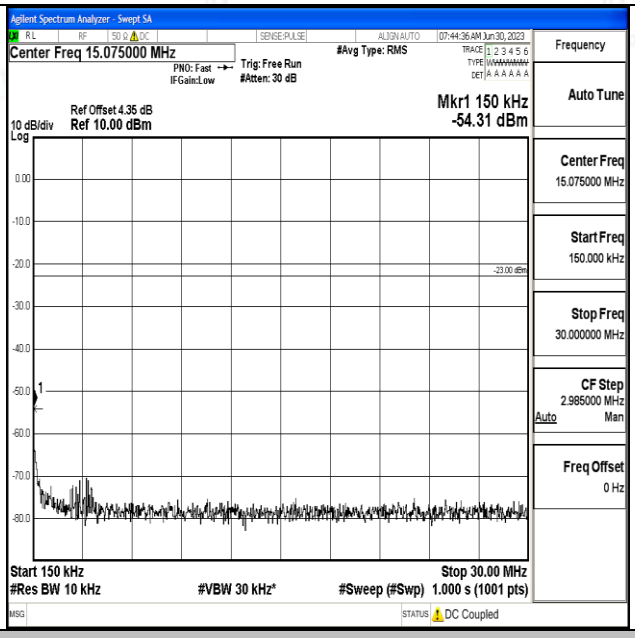
Band5_3MHz_QPSK_20415_1RB#0_1000~3000_1000~3000



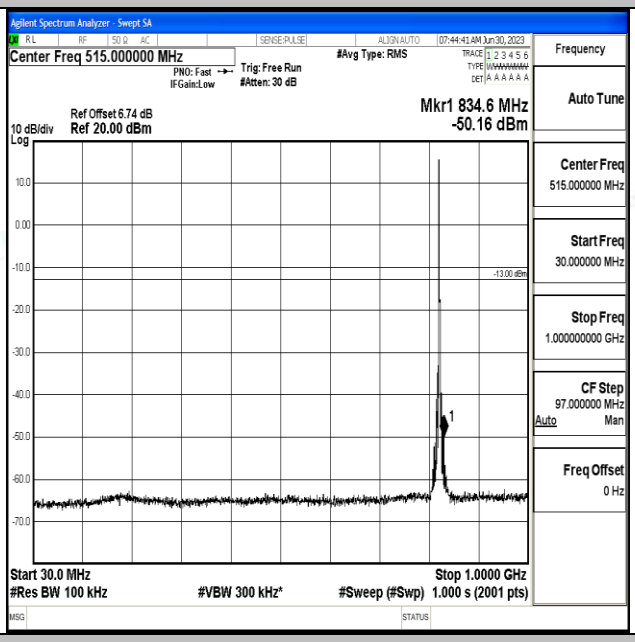
Band5_3MHz_QPSK_20415_1RB#0_3000~10000_3000~10000



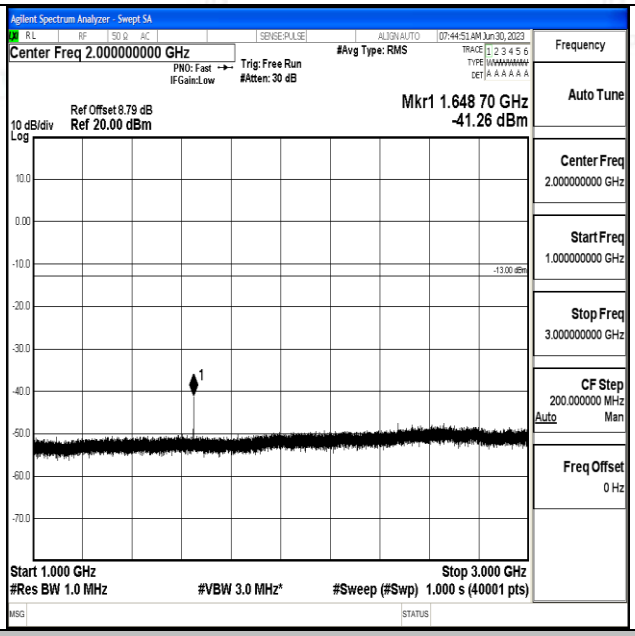
Band5_3MHz_16QAM_20415_1RB#0_0.009~0.15_0.009~0.15



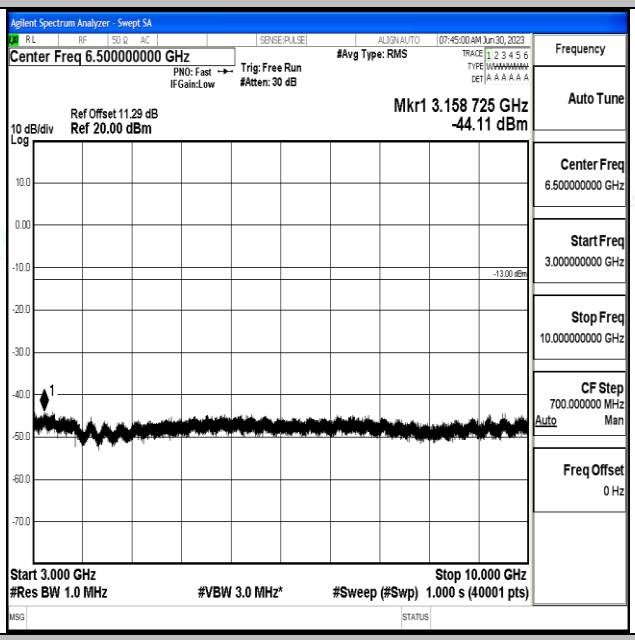
Band5_3MHz_16QAM_20415_1RB#0_0.15~30_0.15~30



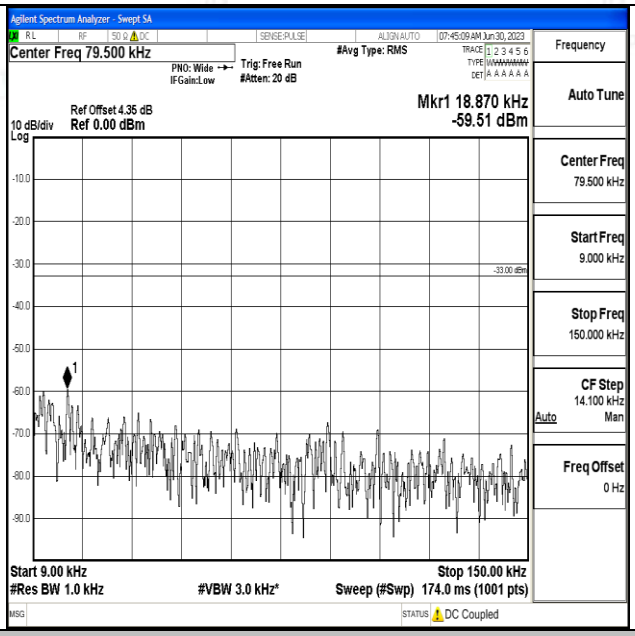
Band5_3MHz_16QAM_20415_1RB#0_30~1000_30~1000



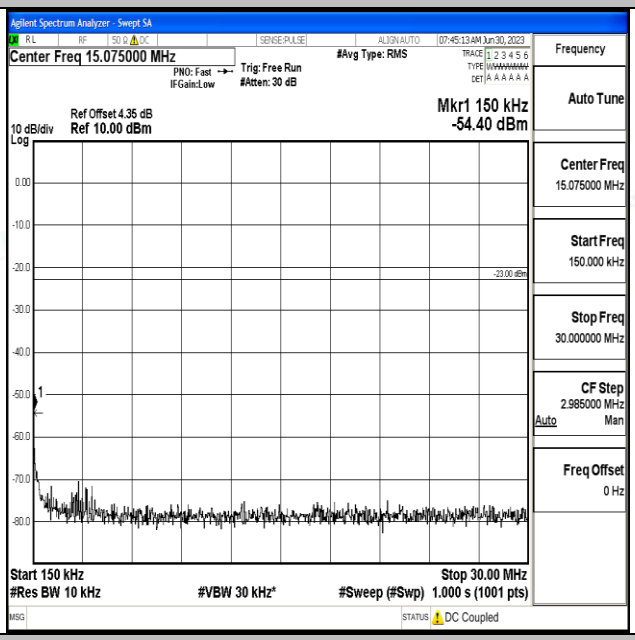
Band5_3MHz_16QAM_20415_1RB#0_1000~3000_1000~3000



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