Appendix H: Test Data for E-UTRA Band 5

Product Name: Smartphone

Test Model: Hyline Pro

Environmental Conditions

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

H.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.49	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.13	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.51	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.99	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.48	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.87	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.30	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.93	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.31	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.93	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	20.99	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.83	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.83	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.81	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.75	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.28	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.76	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.29	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.75	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.24	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.04	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.84	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.53	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.06	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.82	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.28	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	21.81	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.28	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.72	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.98	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.54	PASS
Band5	3MHz	QPSK	20415	1RB#0	21.93	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.51	PASS
Band5	3MHz	QPSK	20415	1RB#8	21.89	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.62	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.82	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.54	PASS
Band5	3MHz	QPSK	20415	8RB#0	20.98	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.59	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.96	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.60	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.01	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.68	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.02	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.40	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.80	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.83	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.81	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.80	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.84	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.79	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.89	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.58	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.90	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.59	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.01	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.65	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.95	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.31	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.91	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.73	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.86	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.56	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.41	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.08	PASS

Band5	3MHz	QPSK	20635	8RB#0	20.98	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.64	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.01	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.65	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.91	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.52	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.82	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.62	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.01	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.83	PASS
Band5	5MHz	QPSK	20425	1RB#12	21.86	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.83	PASS
Band5	5MHz	QPSK	20425	1RB#24	21.97	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.82	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.02	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.48	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.01	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.48	PASS
Band5	5MHz	QPSK	20425	12RB#13	20.93	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.41	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.06	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.53	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.76	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.81	PASS
Band5	5MHz	QPSK	20525	1RB#12	21.82	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.85	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.83	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.80	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.97	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.50	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.03	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.42	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.08	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.62	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.96	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.44	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.56	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.32	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.44	PASS

Band5	5MHz	QPSK	20625	1RB#24	21.82	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.26	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.25	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.57	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.03	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.57	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.81	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.52	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.15	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.56	PASS
Band5	10MHz	QPSK	20450	1RB#0	21.86	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.68	PASS
Band5	10MHz	QPSK	20450	1RB#24	21.77	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.56	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.65	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.56	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.07	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.43	PASS
Band5	10MHz	QPSK	20450	25RB#12	20.98	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.43	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.85	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.40	PASS
Band5	10MHz	QPSK	20450	50RB#0	20.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.42	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.82	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.57	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.83	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.61	PASS
Band5	10MHz	QPSK	20525	1RB#49	21.96	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.71	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.02	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.58	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.84	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.58	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.83	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.48	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.90	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.47	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.97	PASS

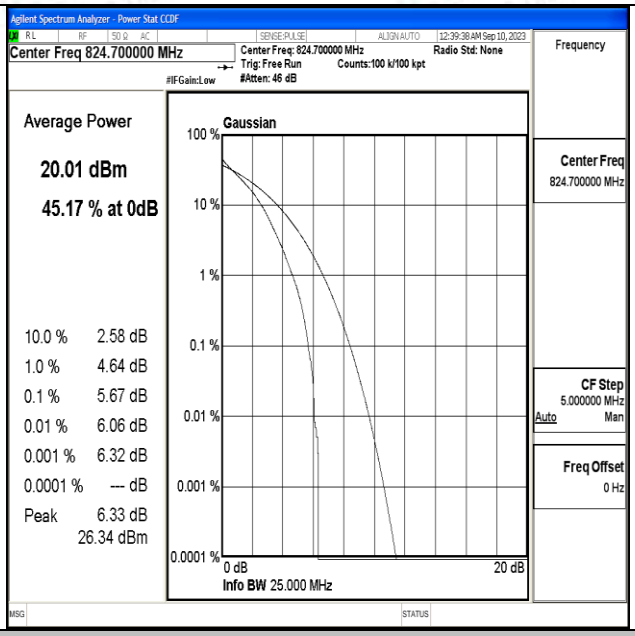
Band5	10MHz	QPSK	20600	1RB#24	21.86	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.98	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.63	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.65	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.01	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.51	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.18	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.51	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.89	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.55	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.63	PASS

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

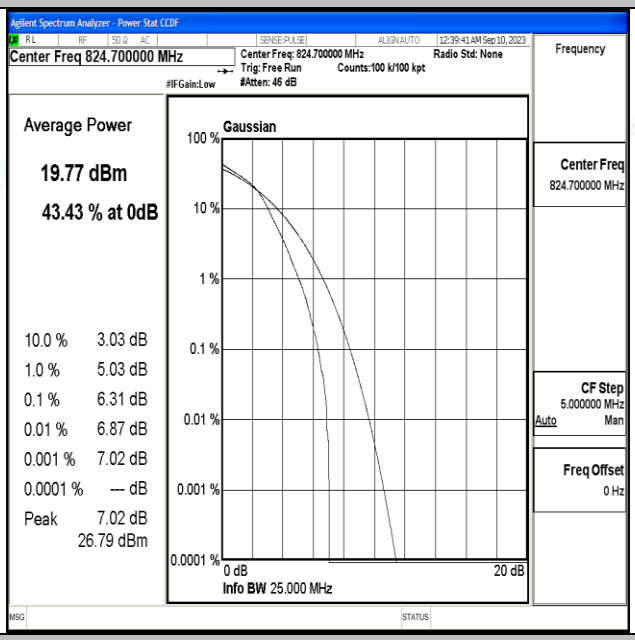
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.67	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.31	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.59	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.12	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.20	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.76	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.85	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.41	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.44	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.00	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.15	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.74	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.57	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.30	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.35	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.03	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.76	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.11	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.39	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.19	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.85	13	PASS

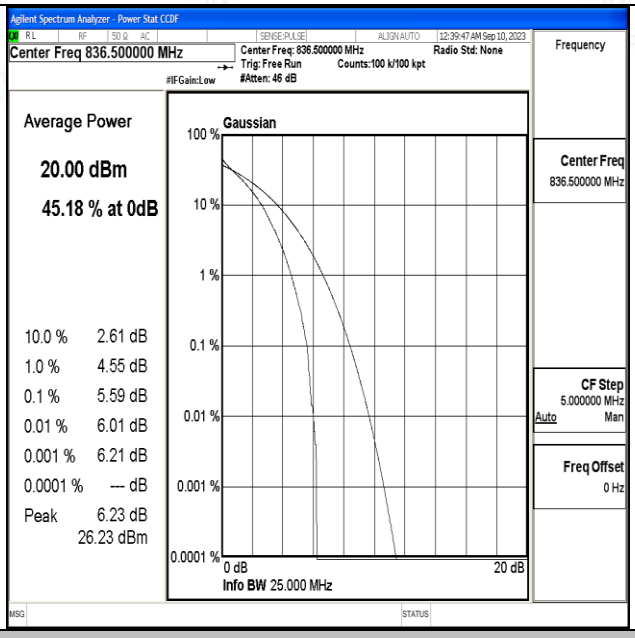
Test Graphs



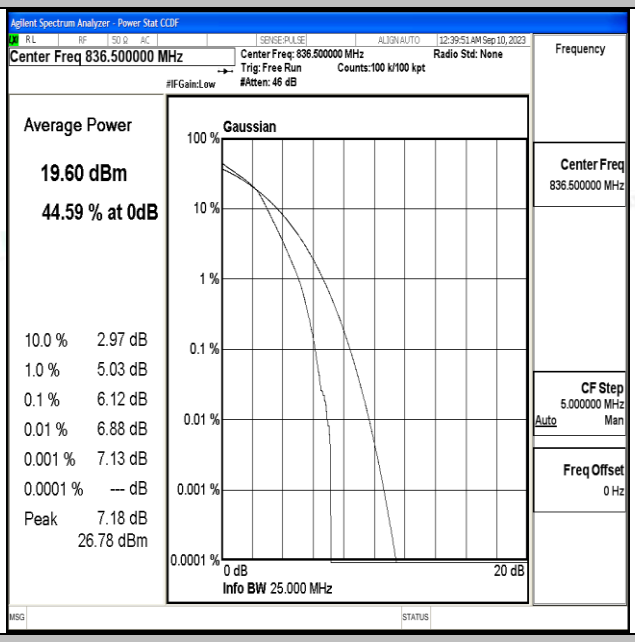
1.4MHz-20407



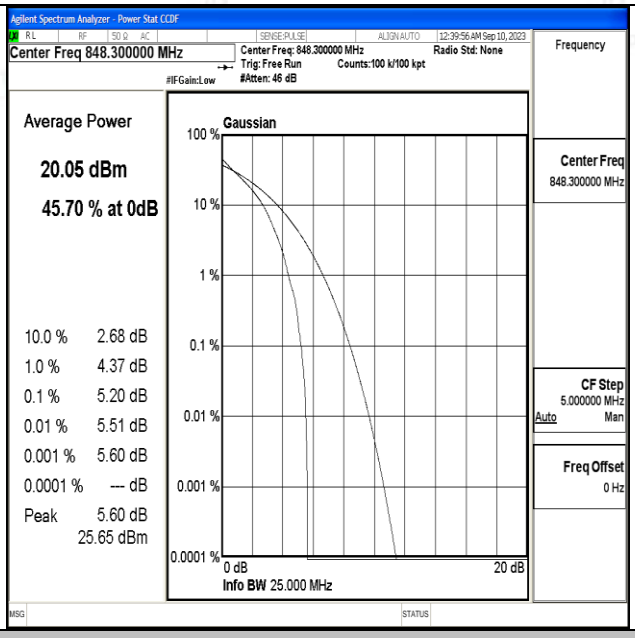
1.4MHz-20407



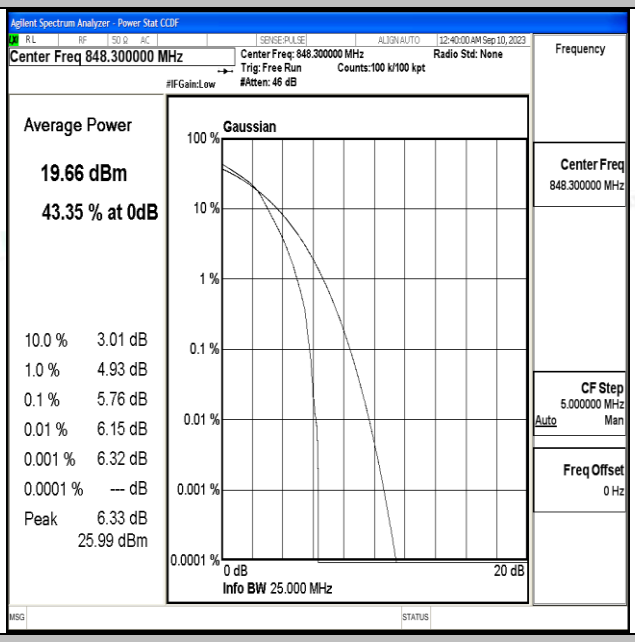
1.4MHz-20525



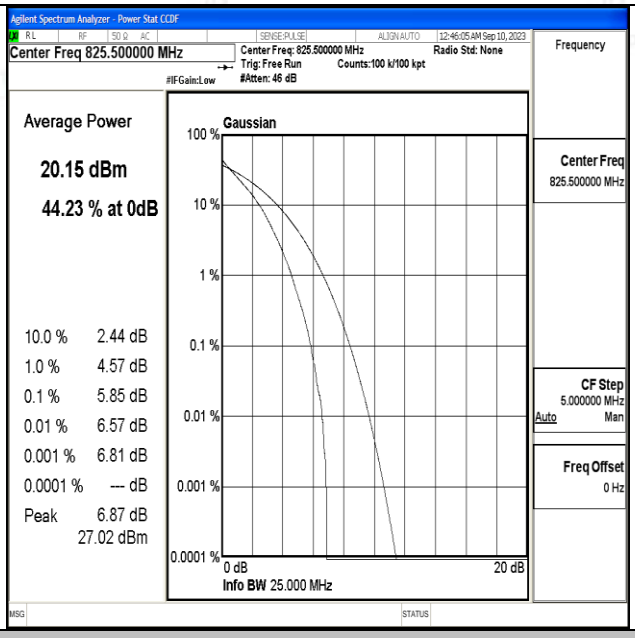
1.4MHz-20525



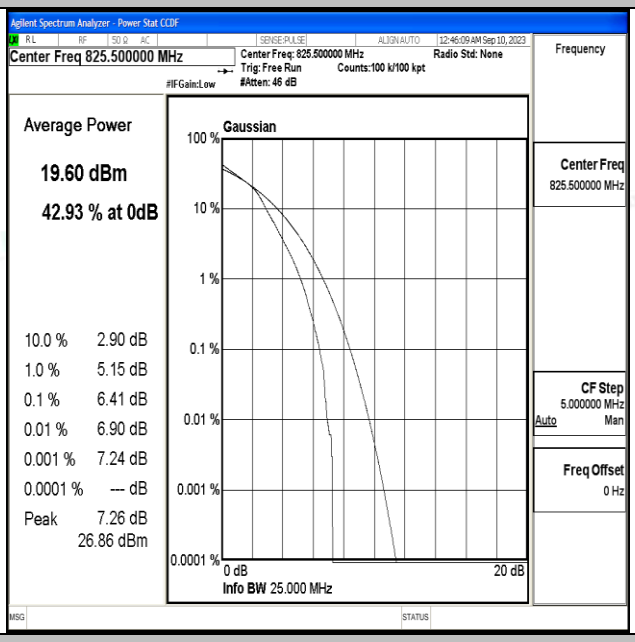
1.4MHz-20643



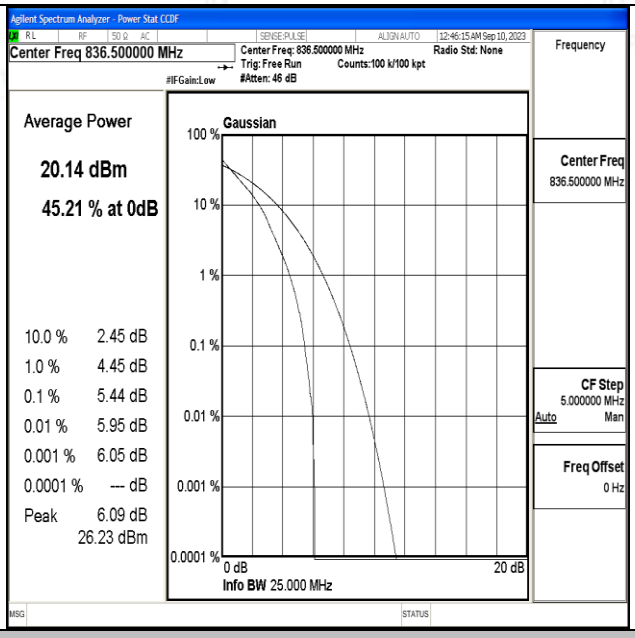
1.4MHz-20643



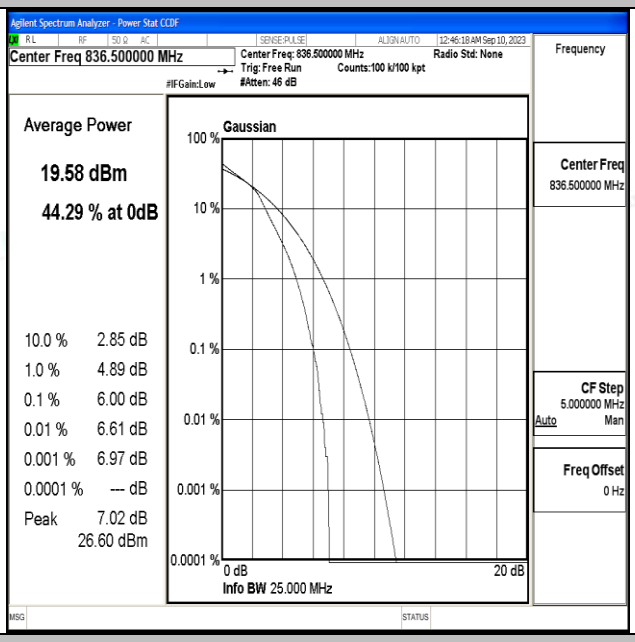
3MHz-20415



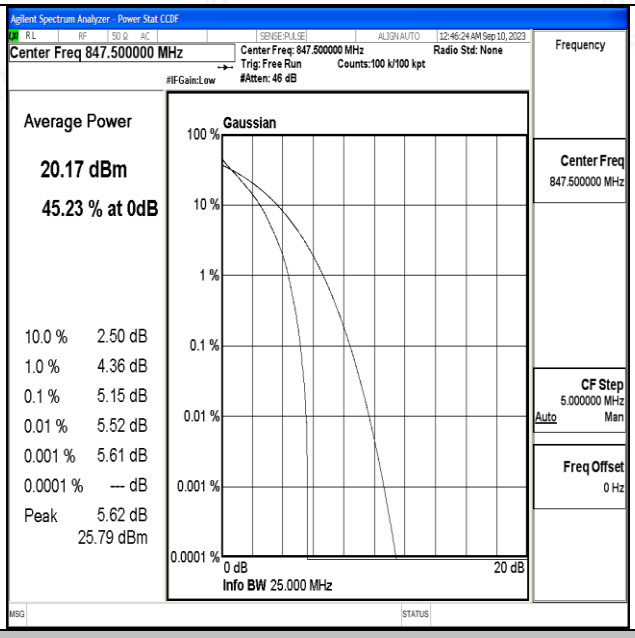
3MHz-20415



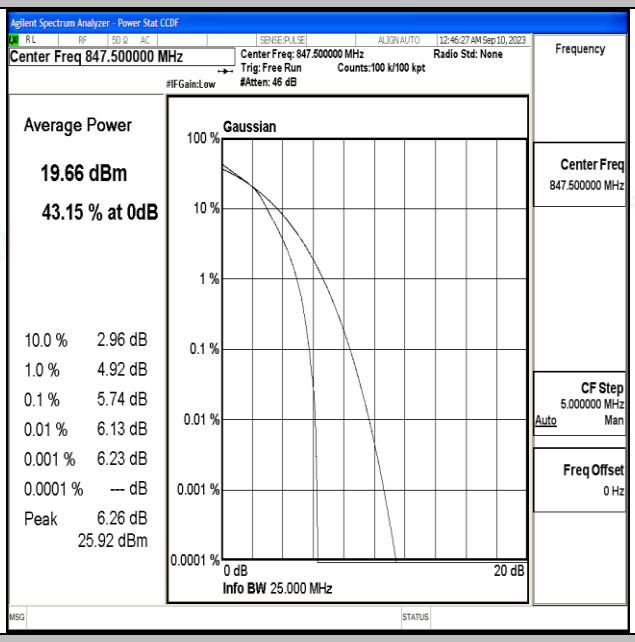
3MHz-20525



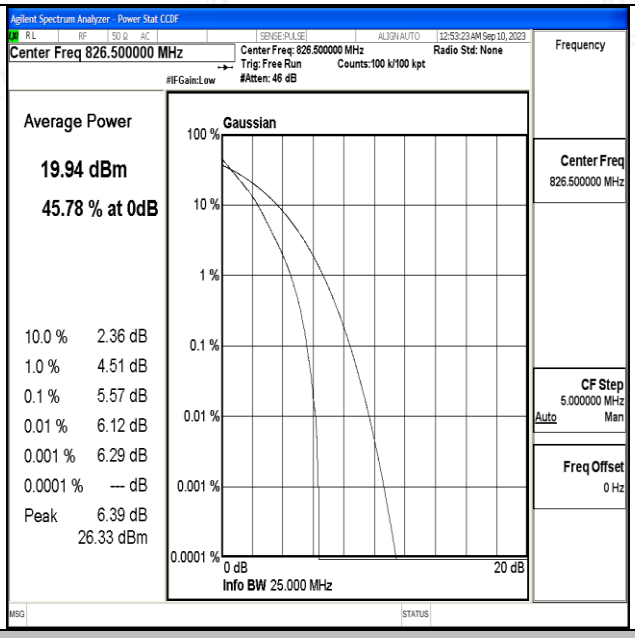
3MHz-20525



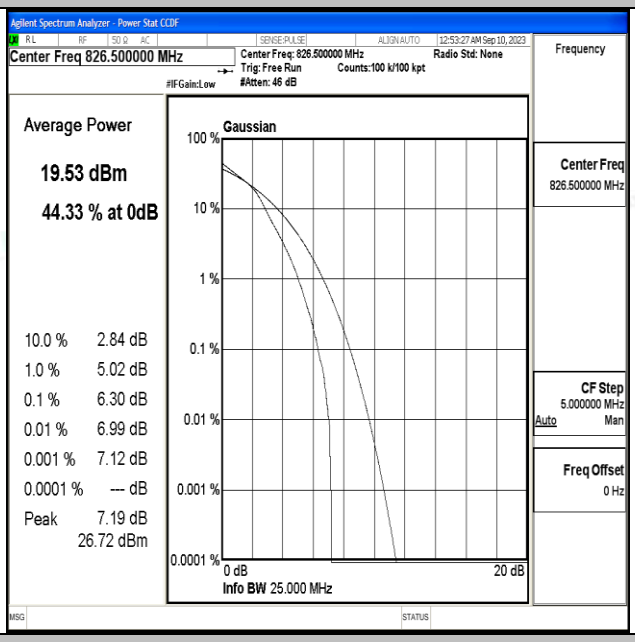
3MHz-20635



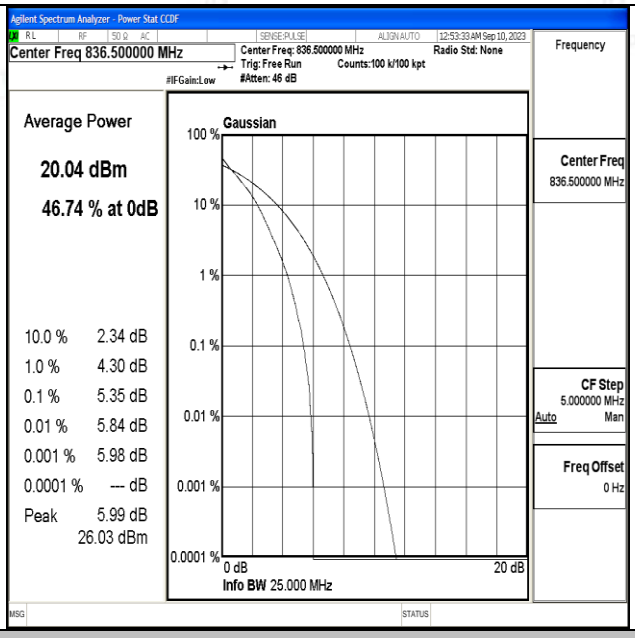
3MHz-20635



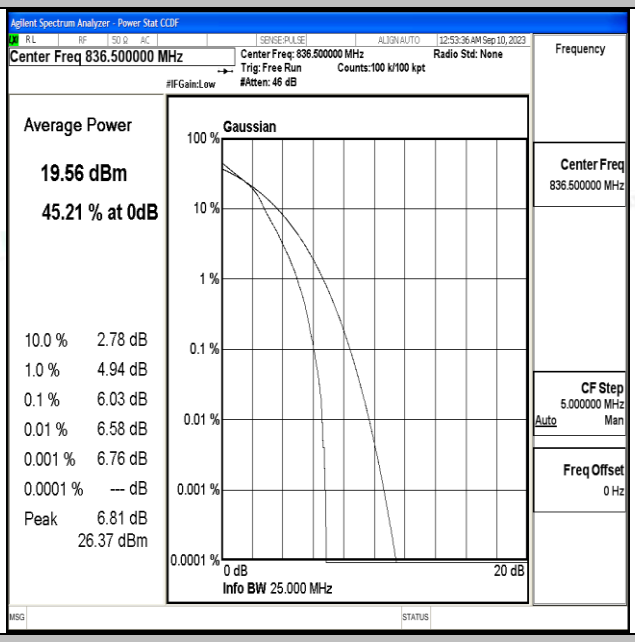
5MHz-20425



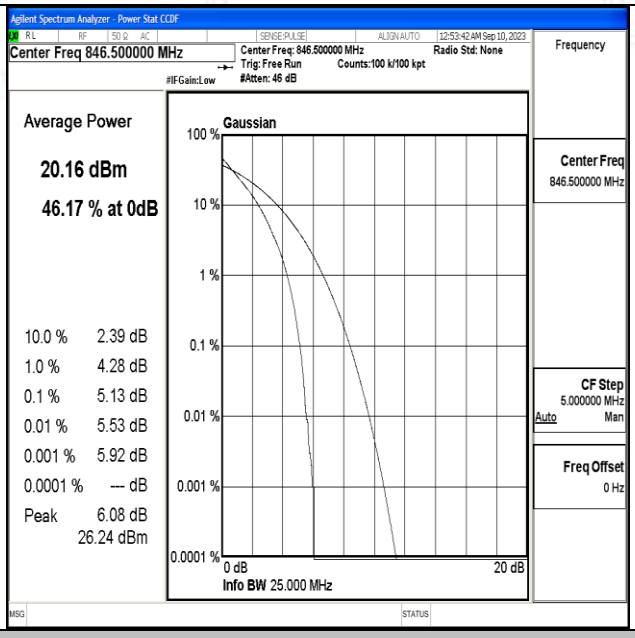
5MHz-20425



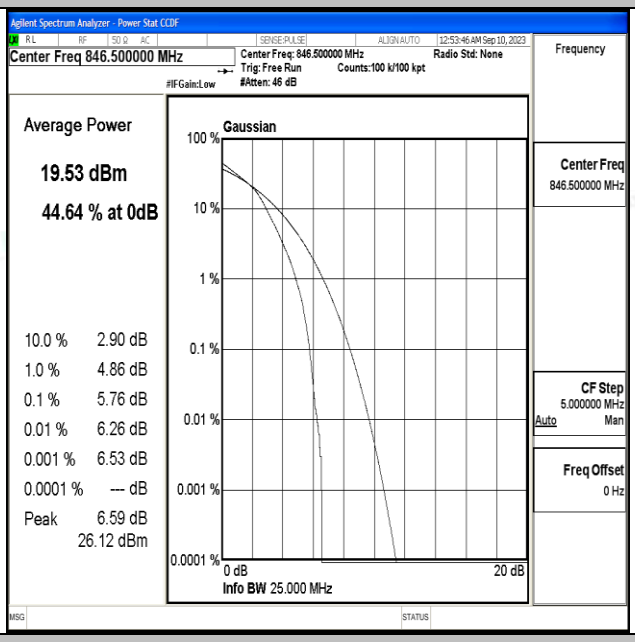
5MHz-20525



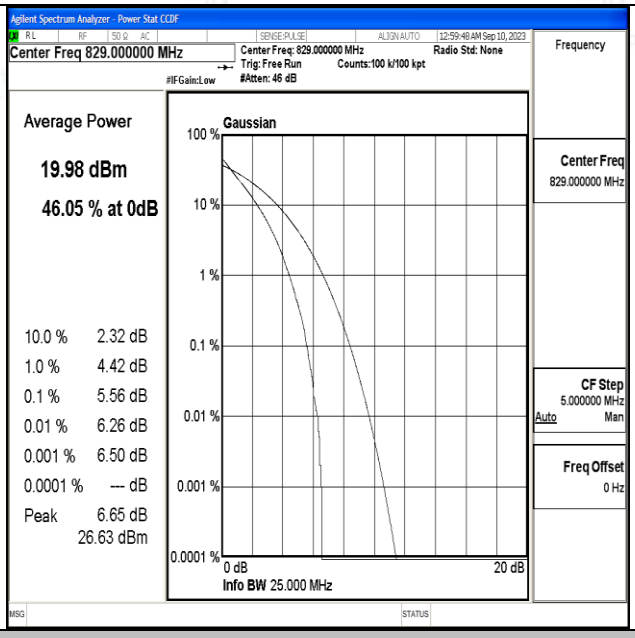
5MHz-20525



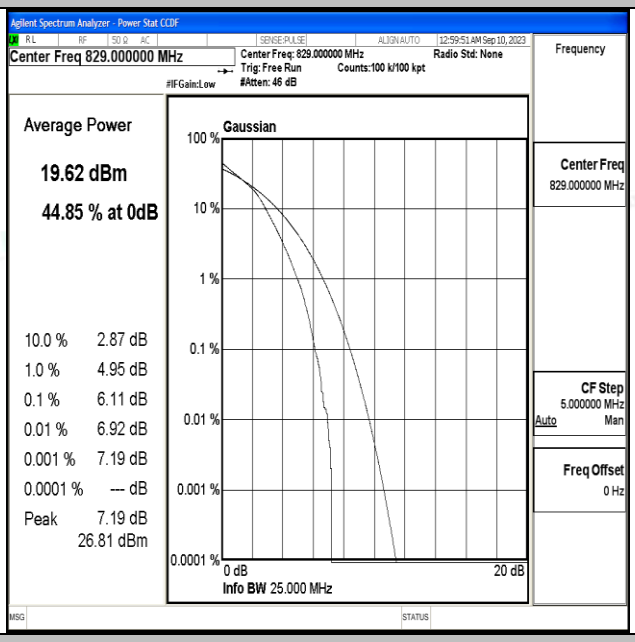
5MHz-20625



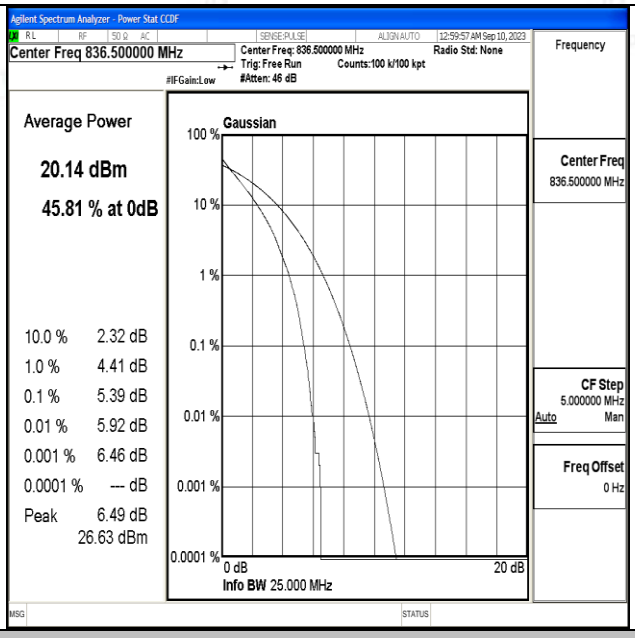
5MHz-20625



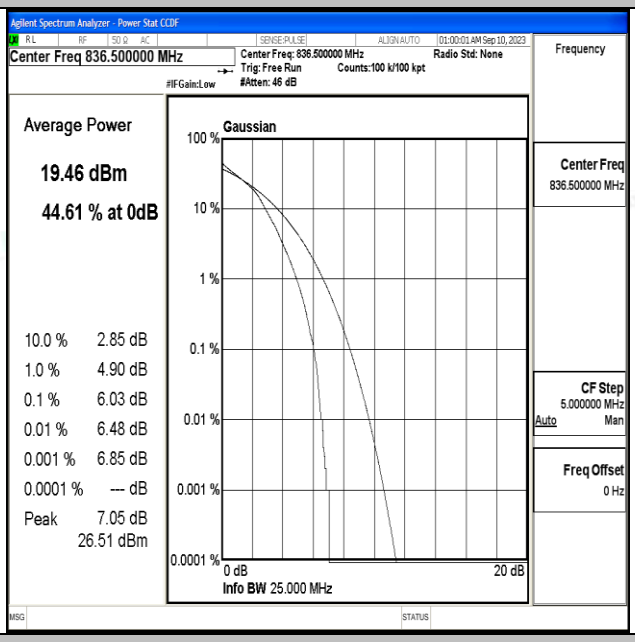
10MHz-20450



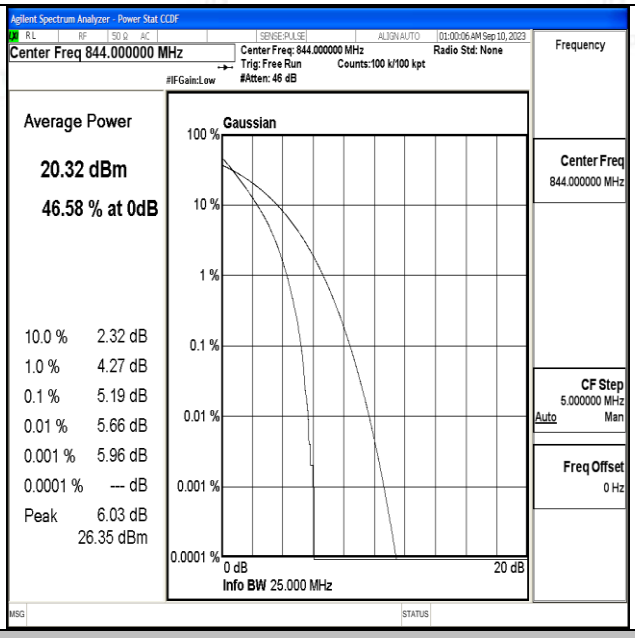
10MHz-20450



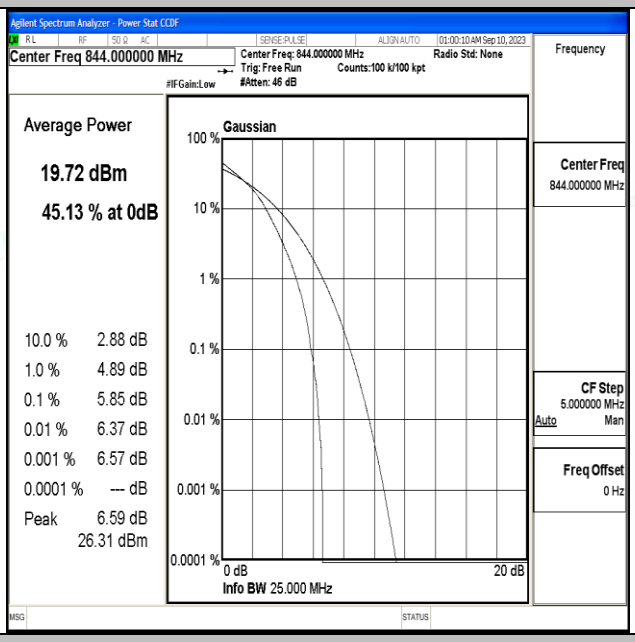
10MHz-20525



10MHz-20525



10MHz-20600



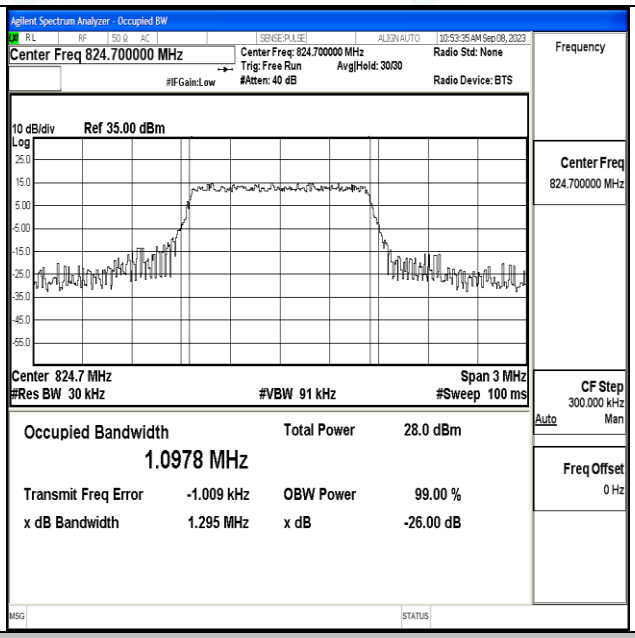
10MHz-20600

H.3 26dB Bandwidth and Occupied Bandwidth

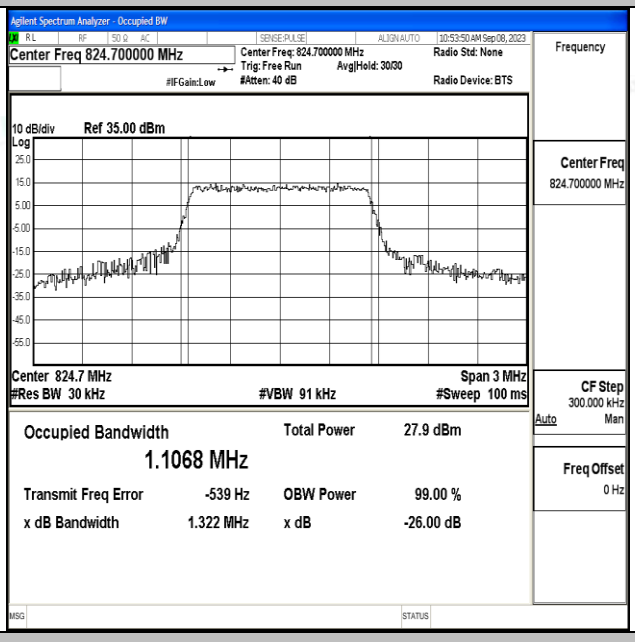
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0978	1.295	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1068	1.322	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1016	1.323	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1029	1.328	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0964	1.290	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0972	1.377	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7199	3.105	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7115	3.059	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7078	3.154	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7101	3.122	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7094	3.074	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7157	3.225	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5319	5.161	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5190	5.287	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5113	5.376	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5342	5.374	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5211	5.234	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5565	5.286	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9886	10.05	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9746	10.10	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0232	10.02	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0164	10.54	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9625	10.09	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9835	9.918	PASS

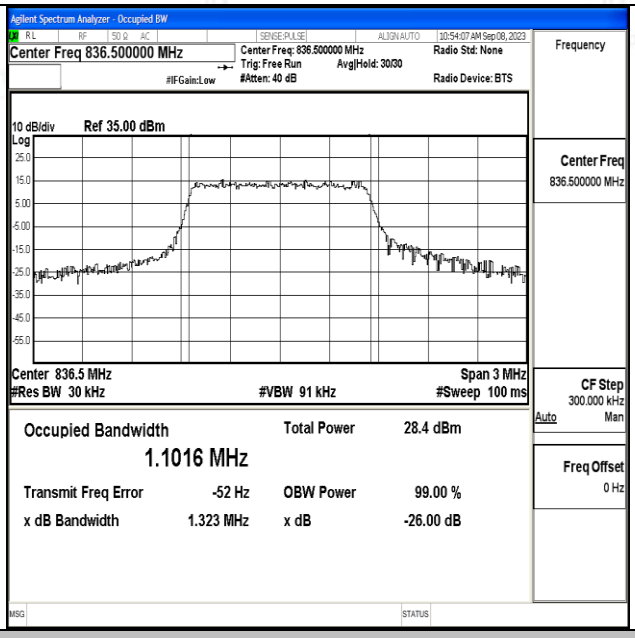
Test Graphs



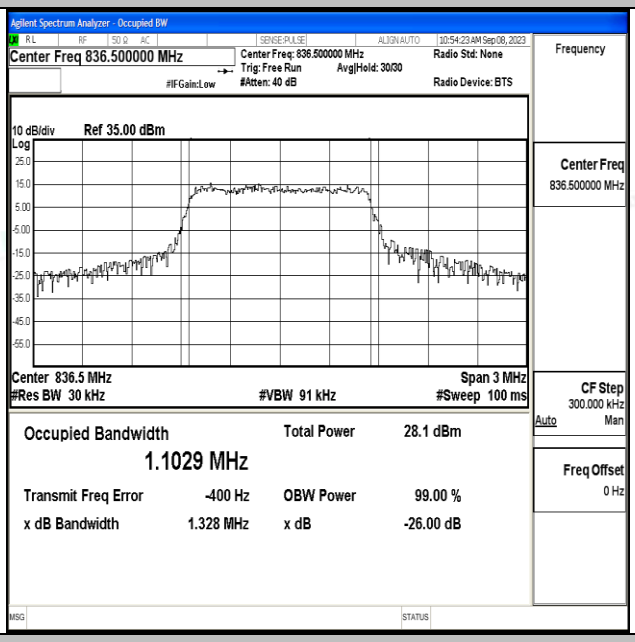
1.4MHz-20407



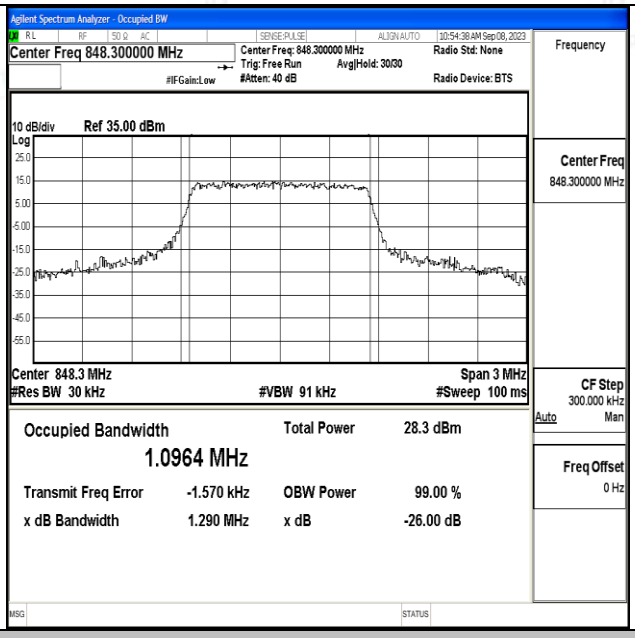
1.4MHz-20407



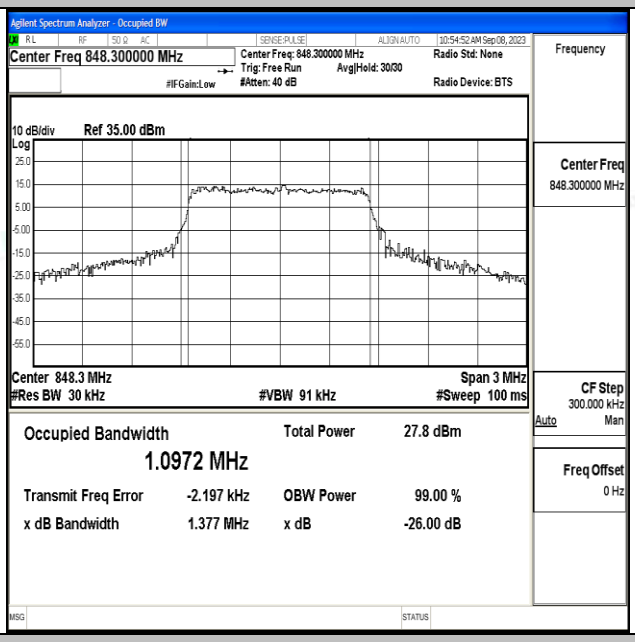
1.4MHz-20525



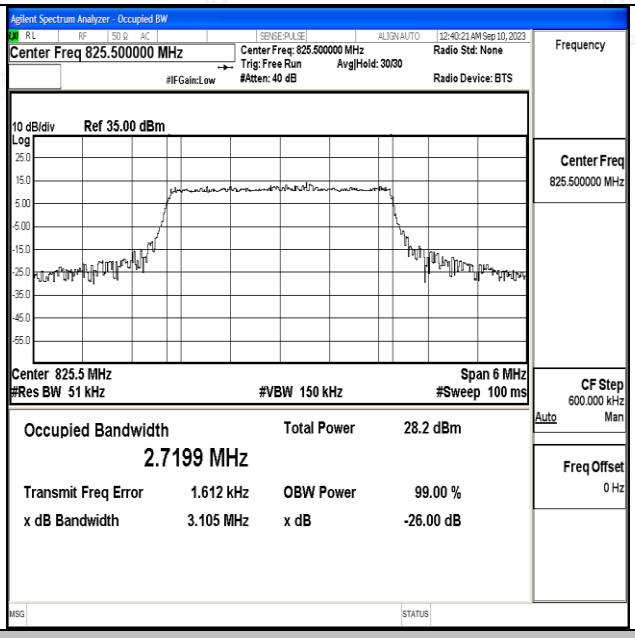
1.4MHz-20525



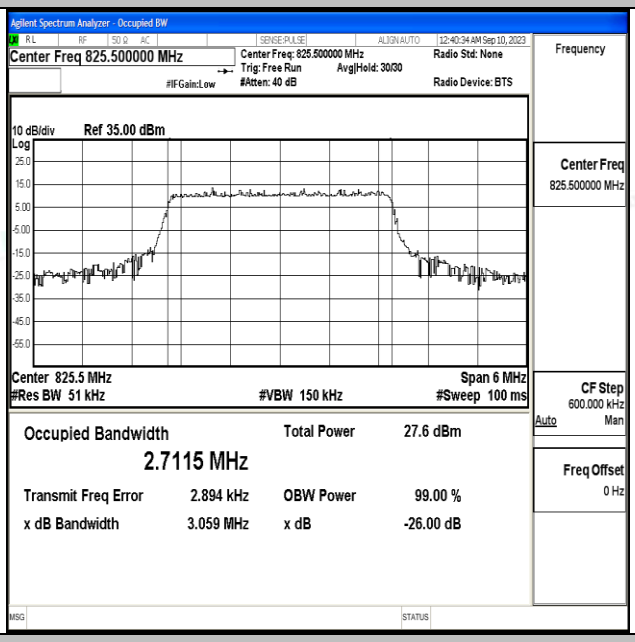
1.4MHz-20643



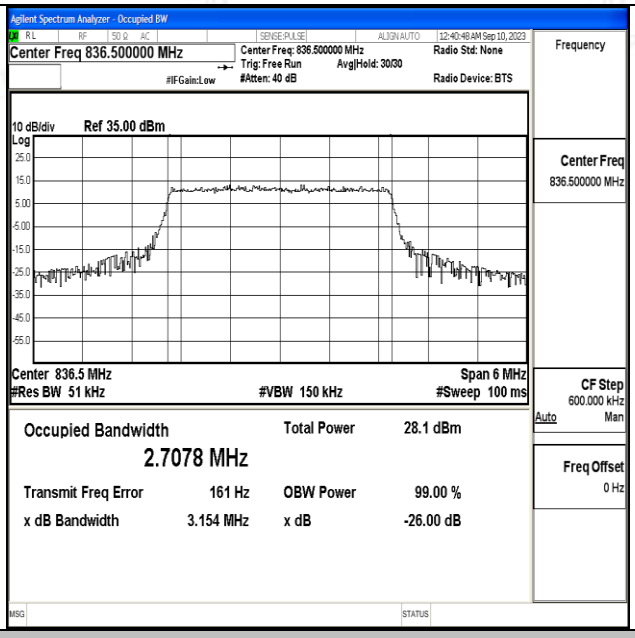
1.4MHz-20643



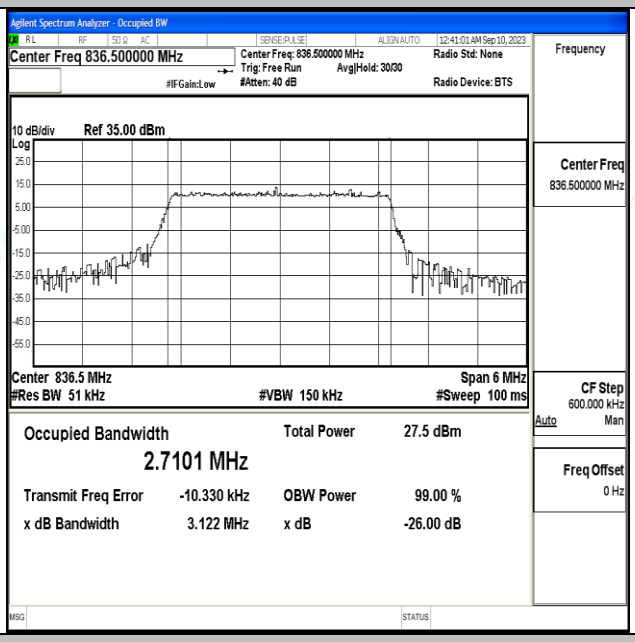
3MHz-20415



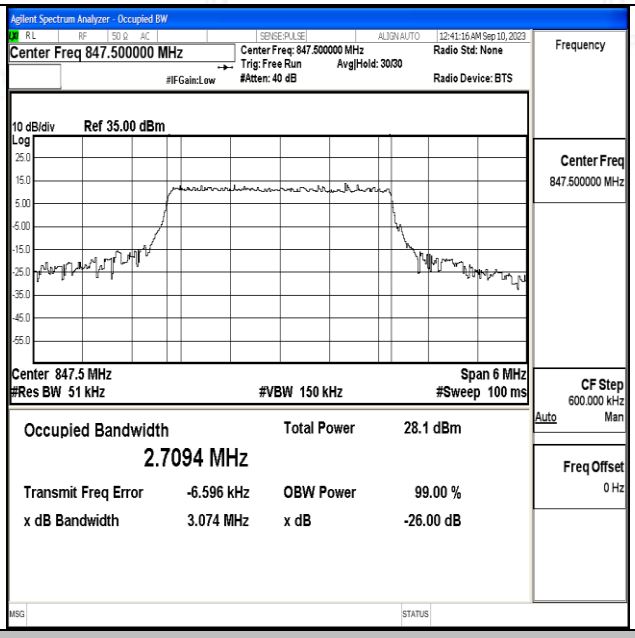
3MHz-20415



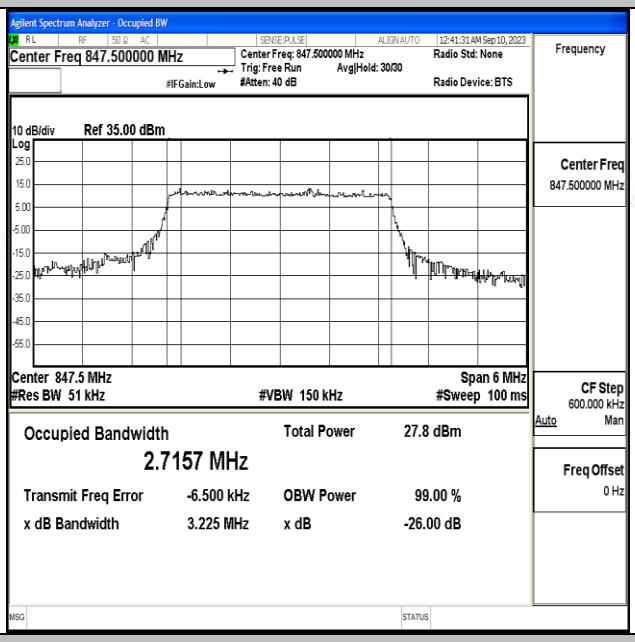
3MHz-20525



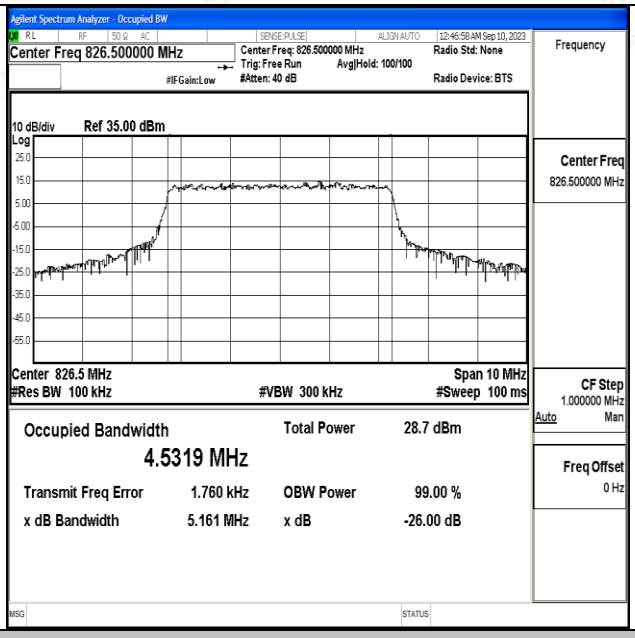
3MHz-20525



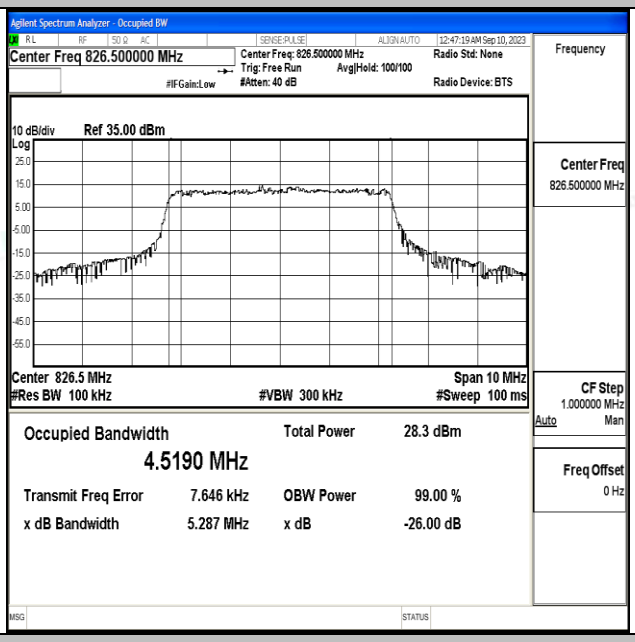
3MHz-20635



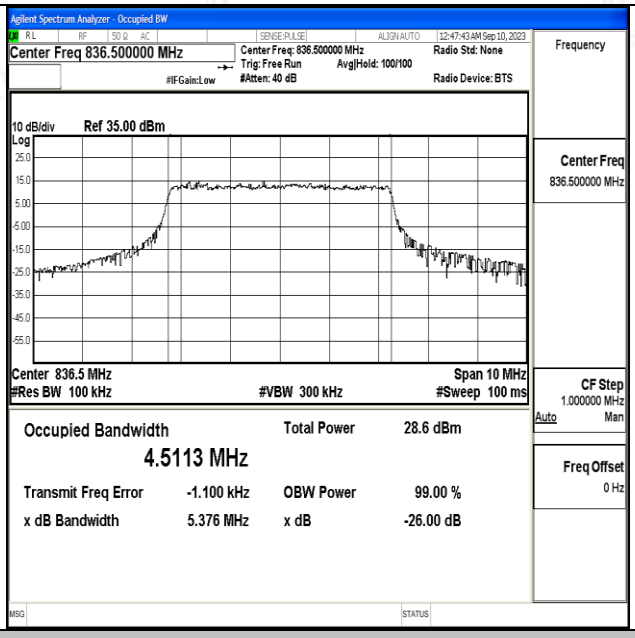
3MHz-20635



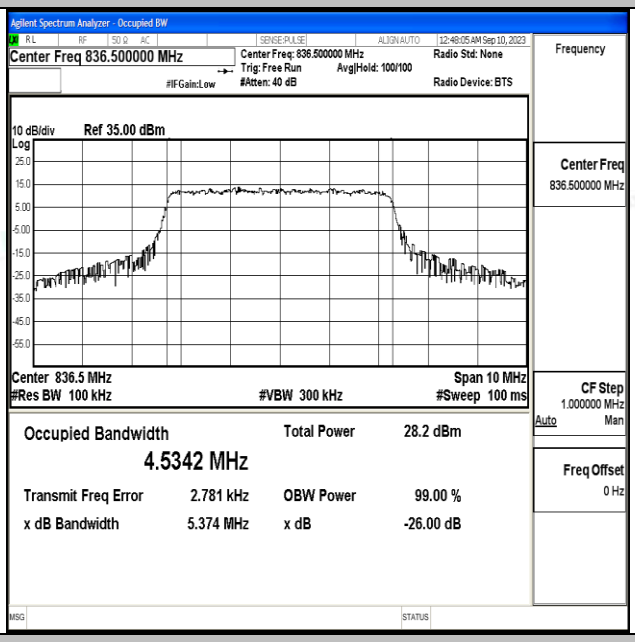
5MHz-20425



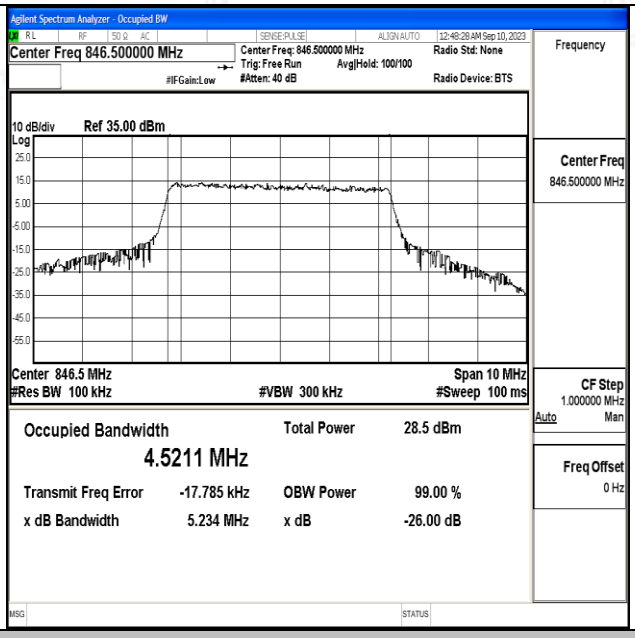
5MHz-20425



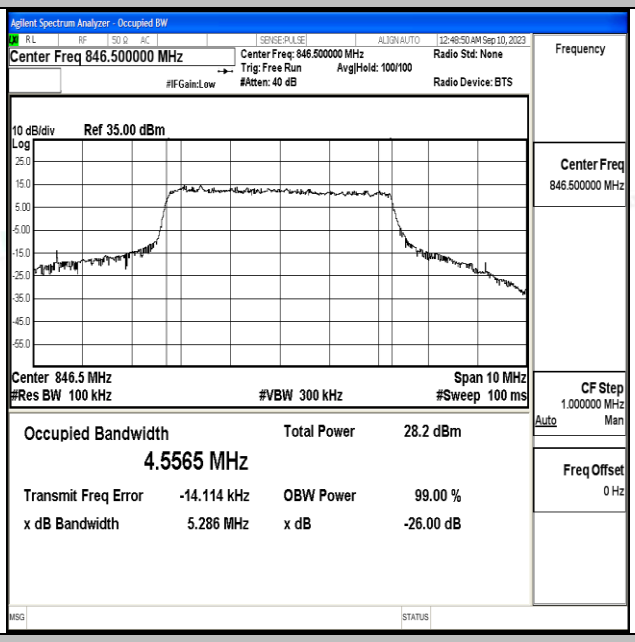
5MHz-20525



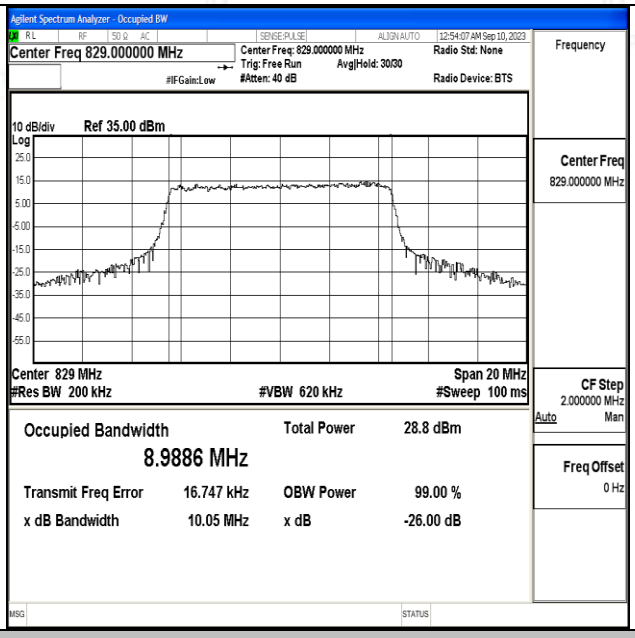
5MHz-20525



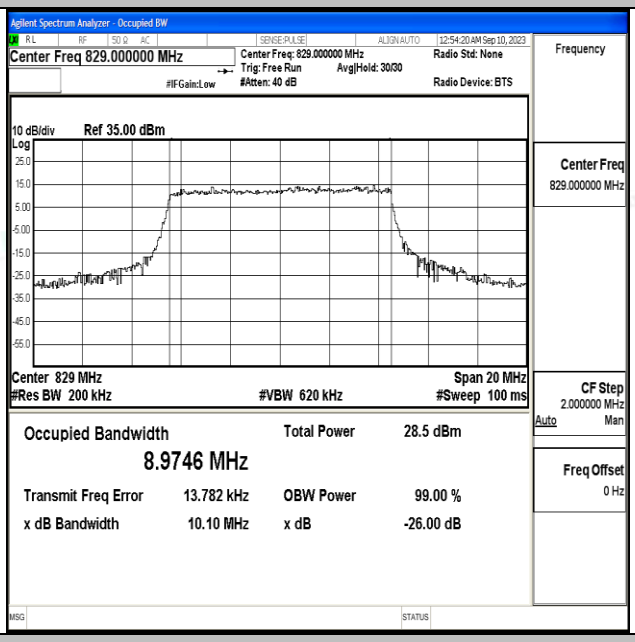
5MHz-20625



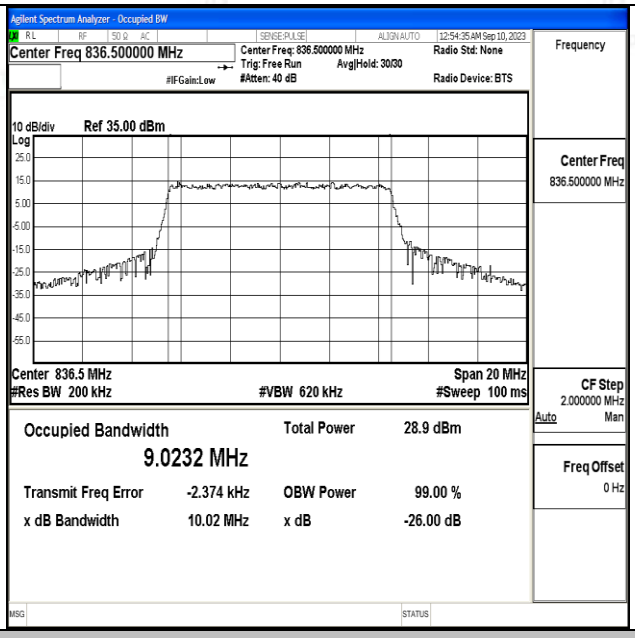
5MHz-20625



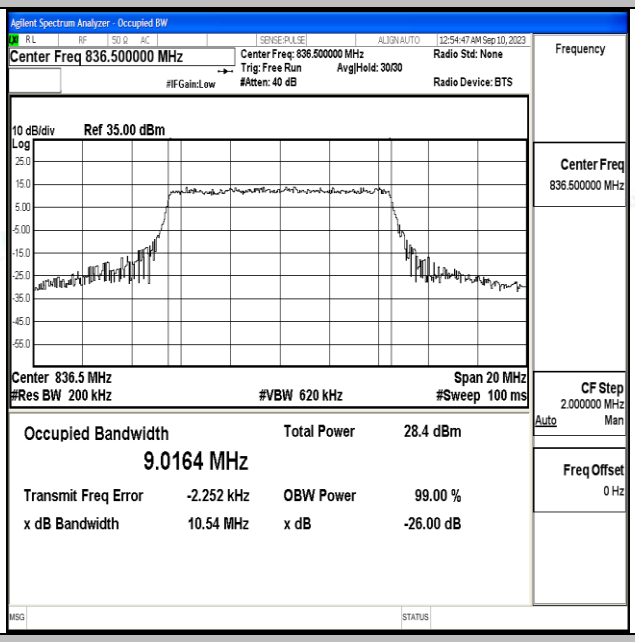
10MHz-20450



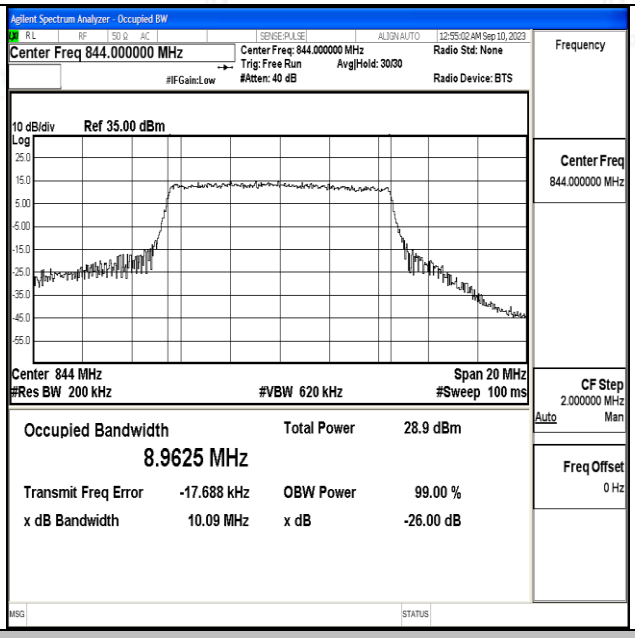
10MHz-20450



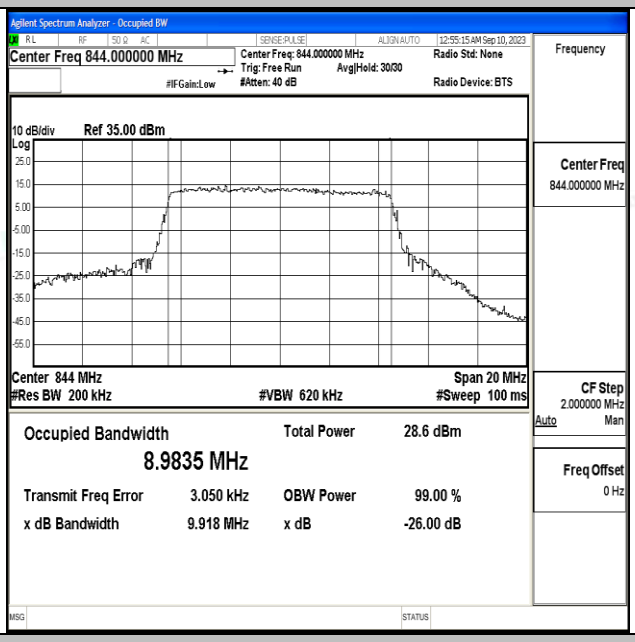
10MHz-20525



10MHz-20525



10MHz-20600



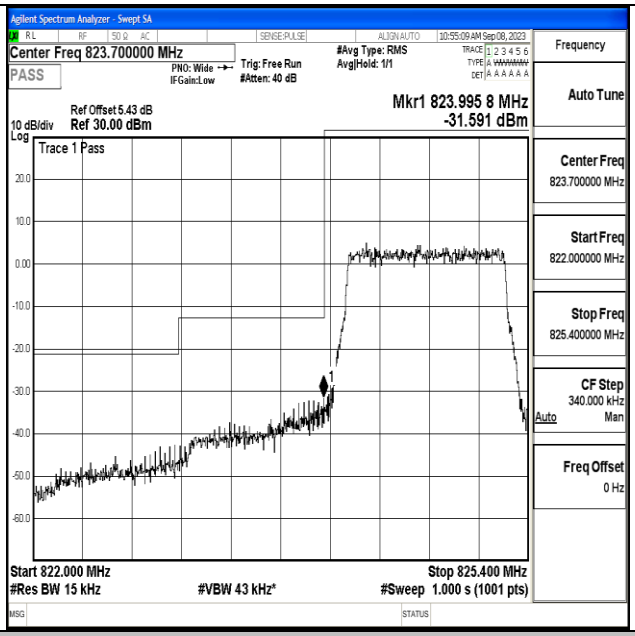
10MHz-20600

H.4 Band Edge

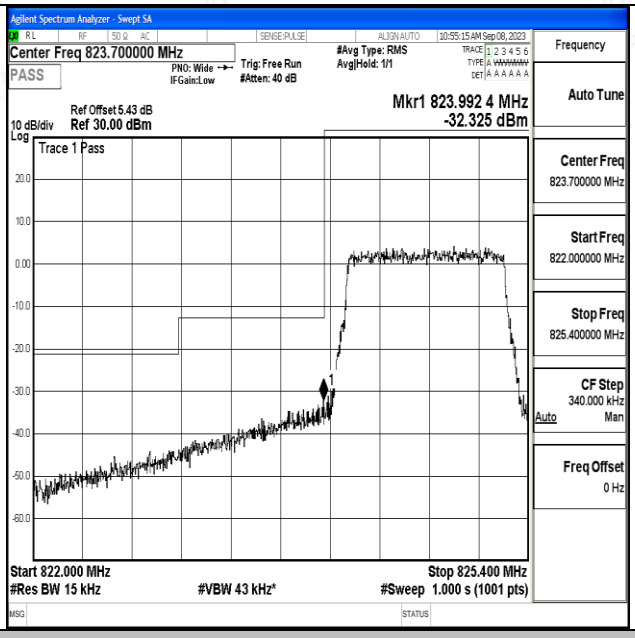
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	824.00	-31.59	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.99	-32.33	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.03	-29.70	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.05	-29.09	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-26.77	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-27.74	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-27.43	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.02	-27.61	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.96	-31.72	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-32.00	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-31.95	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-29.32	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.98	-35.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-36.48	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.03	-33.50	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.01	-33.78	PASS

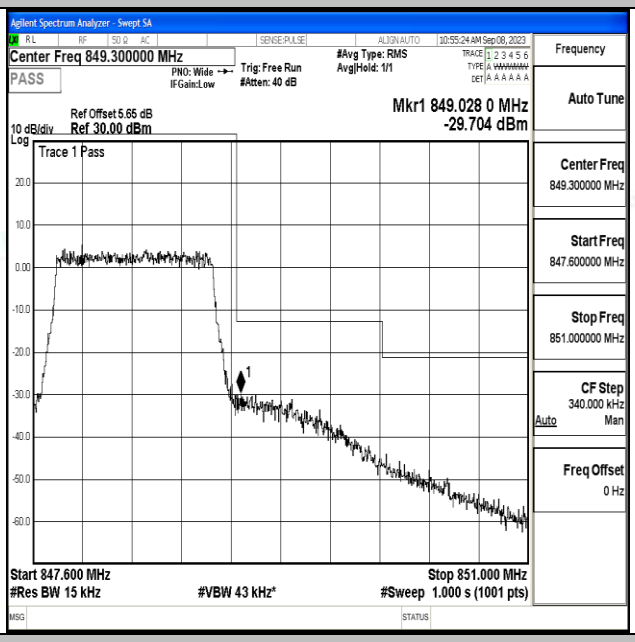
Test Graphs



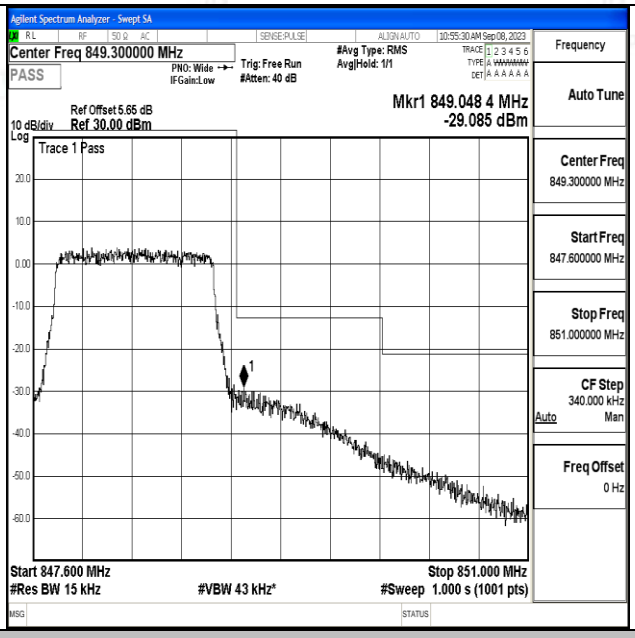
Band5_1.4MHz_QPSK_20407_6RB#0



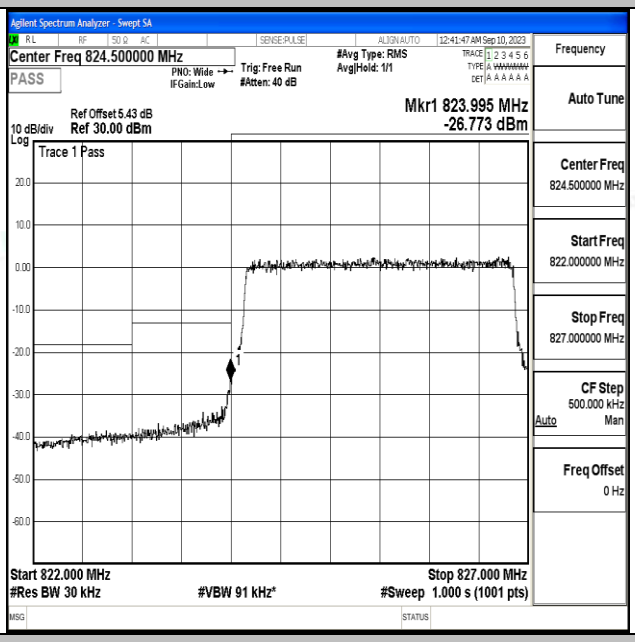
Band5_1.4MHz_16QAM_20407_6RB#0



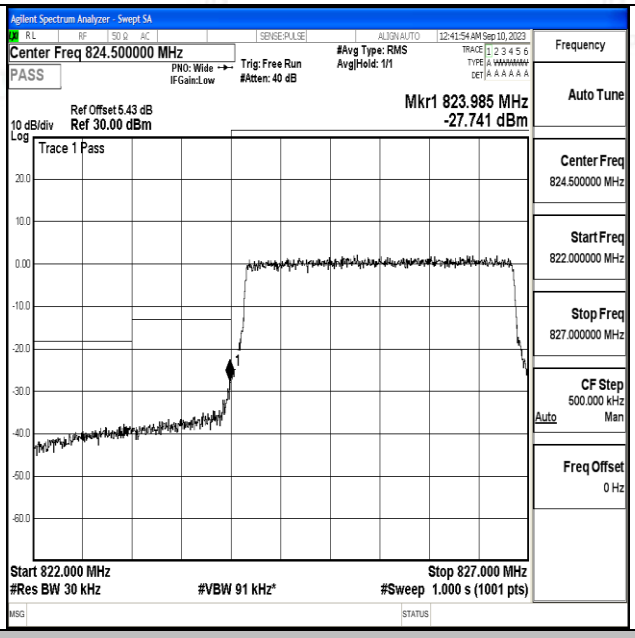
Band5_1.4MHz_QPSK_20643_6RB#0



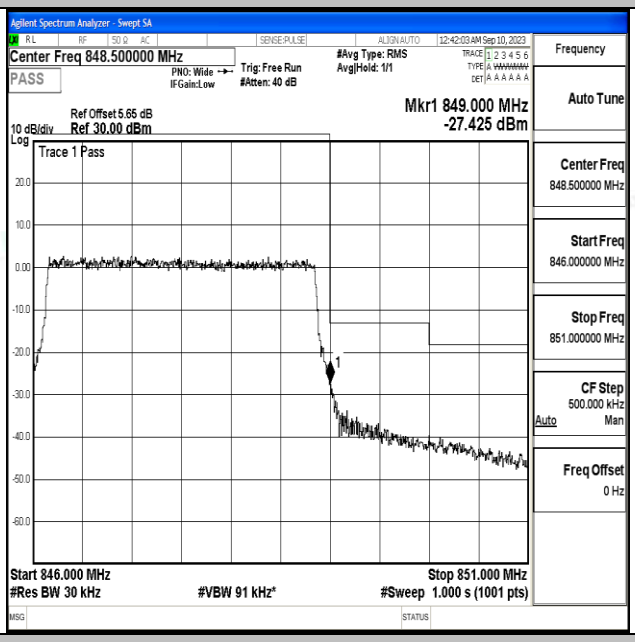
Band5_1.4MHz_16QAM_20643_6RB#0



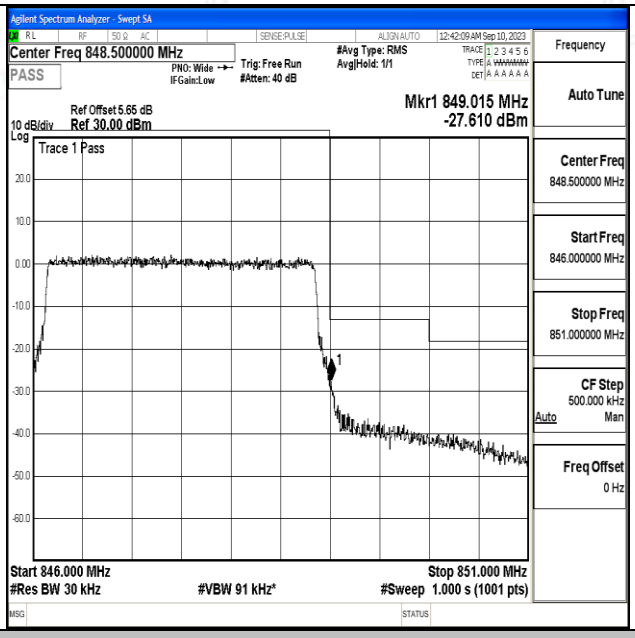
Band5_3MHz_QPSK_20415_15RB#0



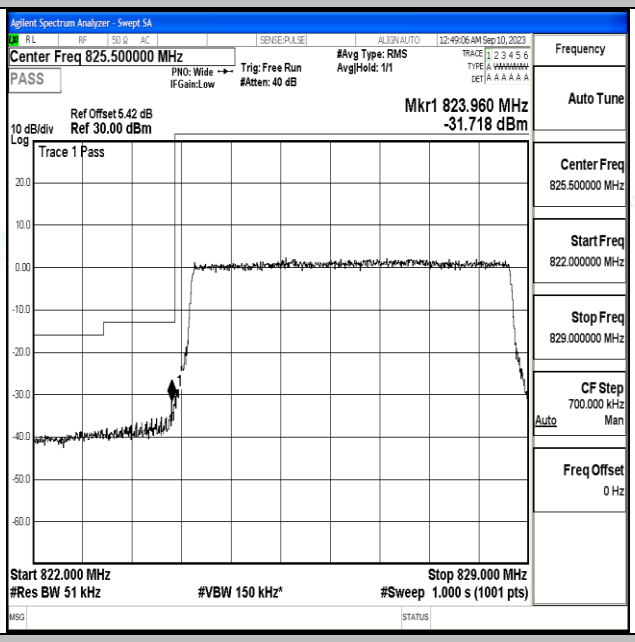
Band5_3MHz_16QAM_20415_15RB#0



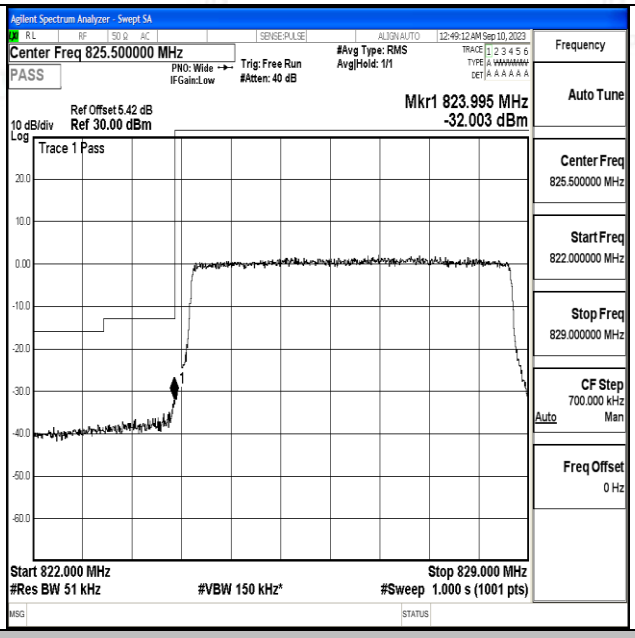
Band5_3MHz_QPSK_20635_15RB#0



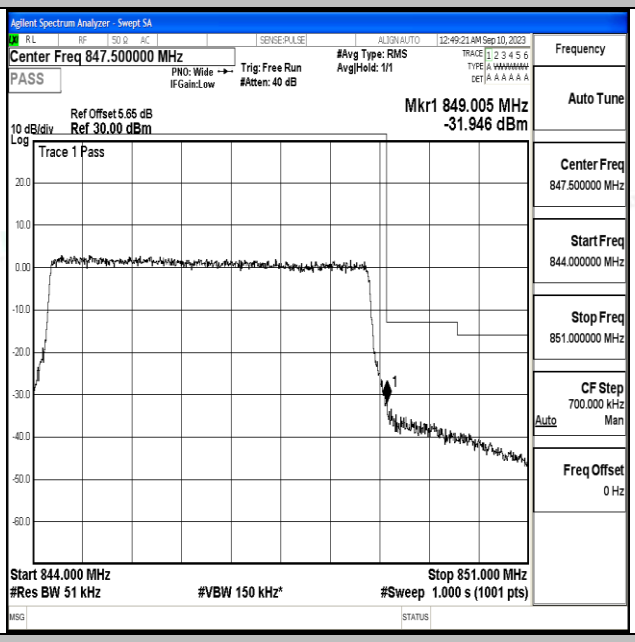
Band5_3MHz_16QAM_20635_15RB#0



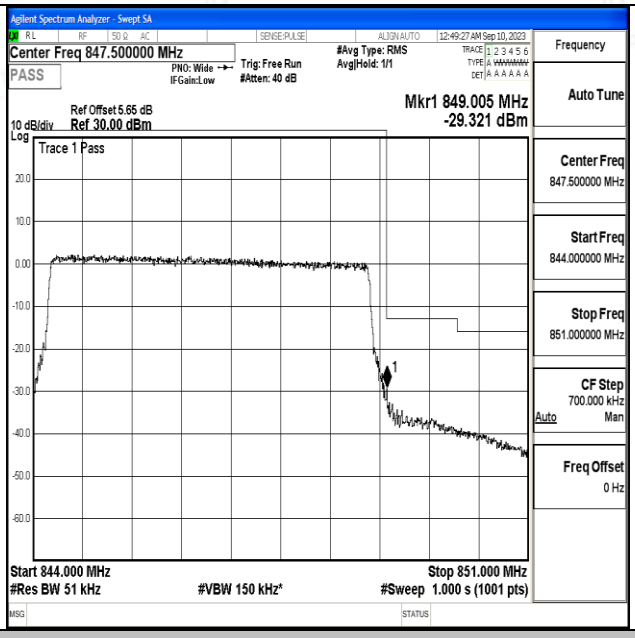
Band5_5MHz_QPSK_20425_25RB#0



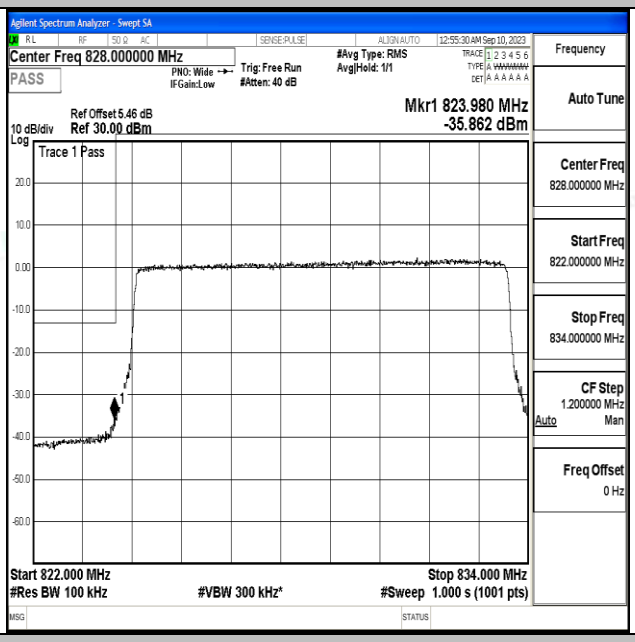
Band5_5MHz_16QAM_20425_25RB#0



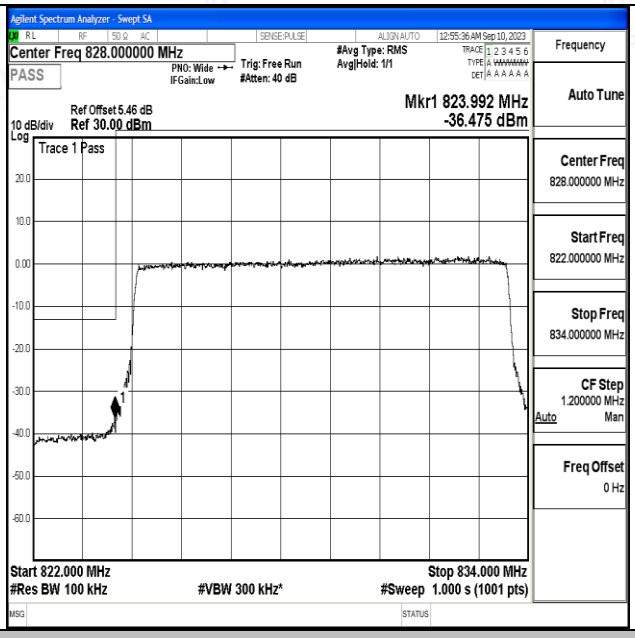
Band5_5MHz_QPSK_20625_25RB#0



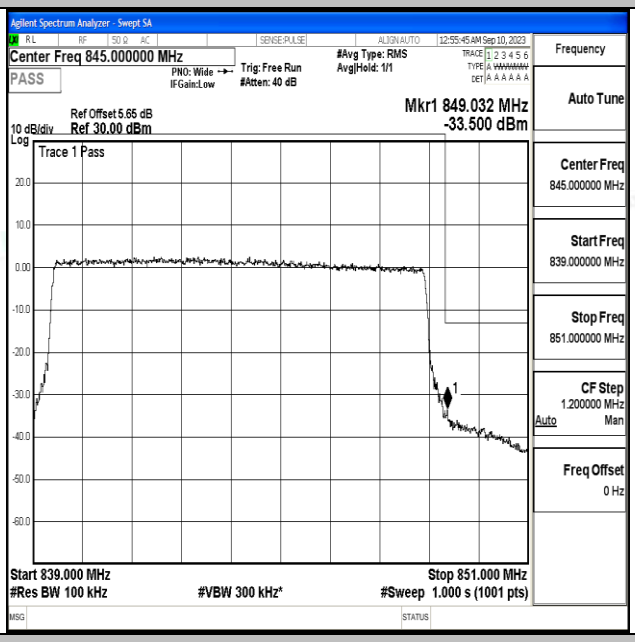
Band5_5MHz_16QAM_20625_25RB#0



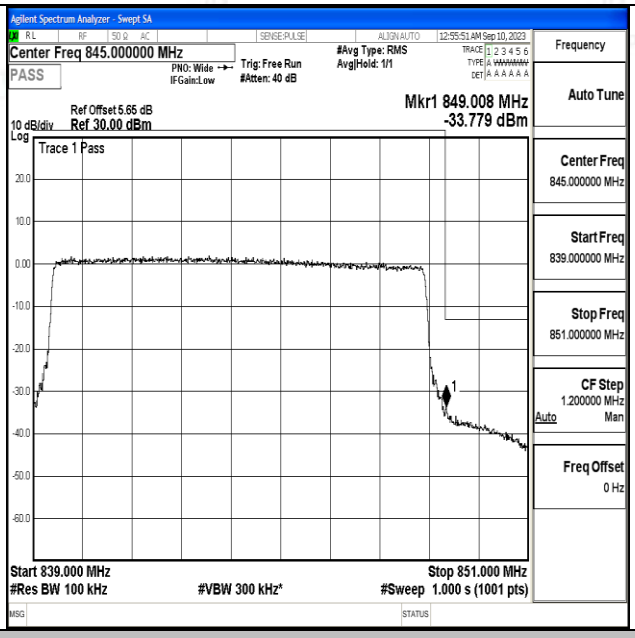
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

H.5 Conducted Spurious Emission

Test Result

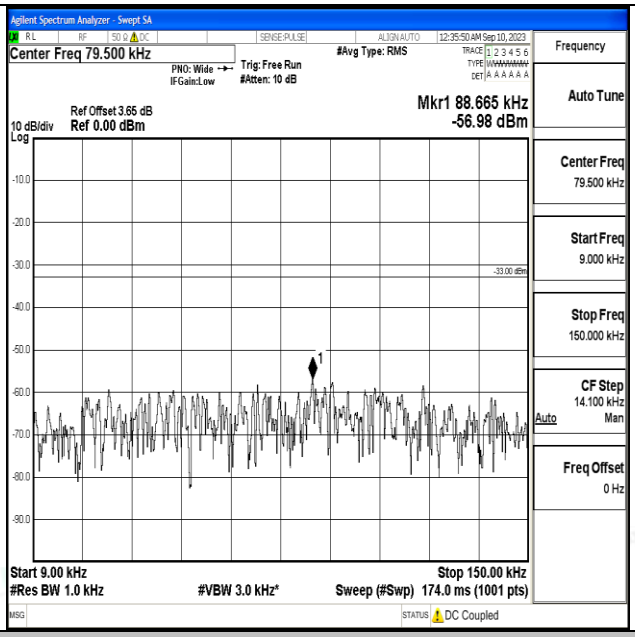
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.98	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-53.24	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-44.57	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-45.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-55.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-54.72	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-42.13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-45.88	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-58.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-45.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-44.70	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-45.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-56.72	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.42	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-48.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-43.71	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-45.90	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-61.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-53.00	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-47.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-43.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-60.83	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-53.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-43.70	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-47.93	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-48.52	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-45.37	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-42.57	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-45.80	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.94	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-53.06	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-49.65	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-44.53	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-45.77	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-55.52	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-53.15	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-50.21	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-43.00	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-45.73	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-56.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-53.36	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-52.99	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-45.09	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-45.26	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.72	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-54.38	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-51.17	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-45.47	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-45.26	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-60.40	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-50.60	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-45.58	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-45.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-60.70	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.92	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-54.71	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-45.15	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-45.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-54.99	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.58	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-58.29	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-43.88	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-45.34	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-56.88	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-54.27	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-59.81	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-45.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-45.60	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-58.32	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.10	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-60.10	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-44.28	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-45.56	PASS

Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-60.51	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.89	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-61.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-44.74	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-45.86	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-60.90	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-52.67	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-60.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-45.79	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-45.60	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-60.44	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-55.19	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-58.16	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-45.67	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-45.61	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-57.02	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-56.00	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-63.60	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-44.13	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-45.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-56.29	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-55.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-63.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.54	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-45.81	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-55.43	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-53.39	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-63.59	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-43.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-45.35	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-57.67	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.53	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-63.71	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-43.75	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-45.80	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-60.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.75	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-63.34	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-46.49	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-45.74	PASS

Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-62.27	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-51.93	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-63.63	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-48.06	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-45.08	PASS

Test Graphs



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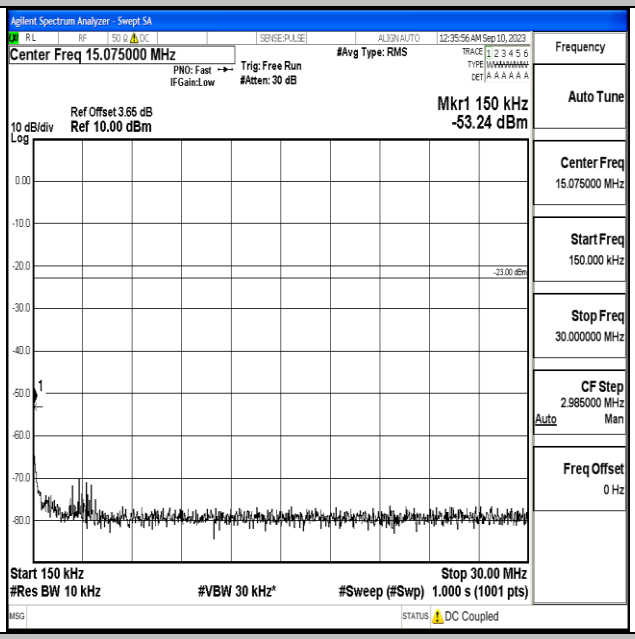

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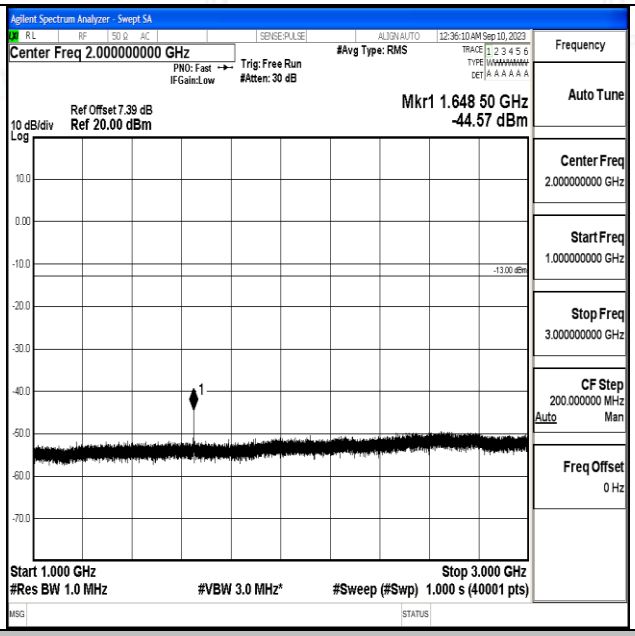
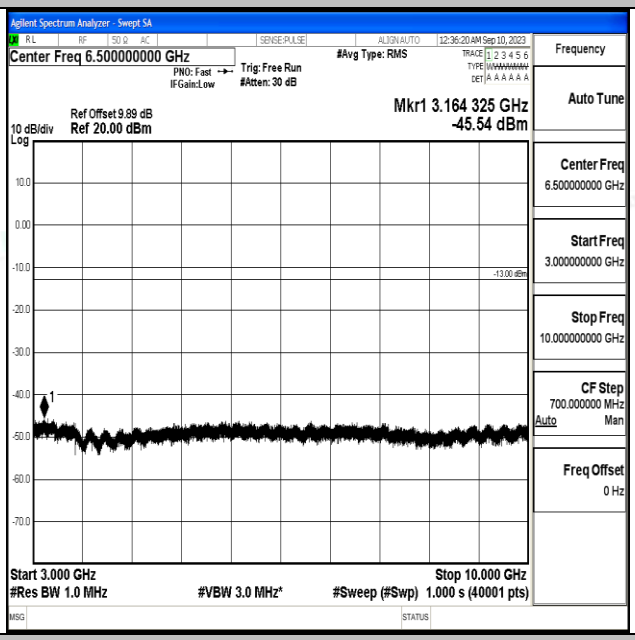


Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



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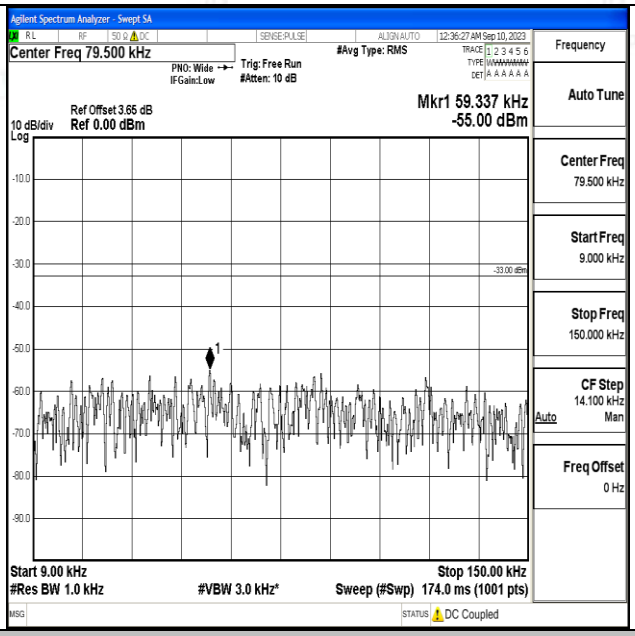

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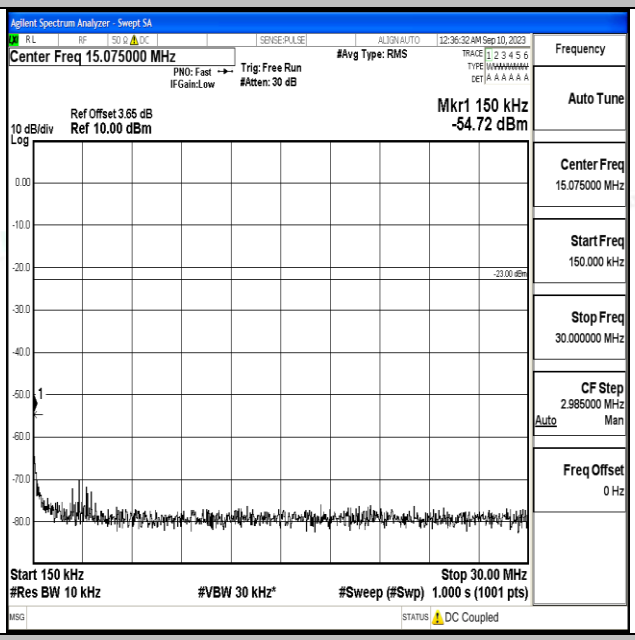

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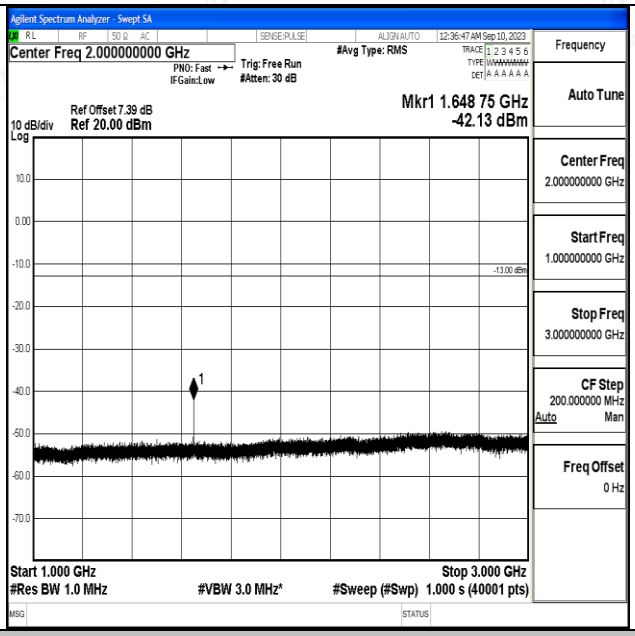

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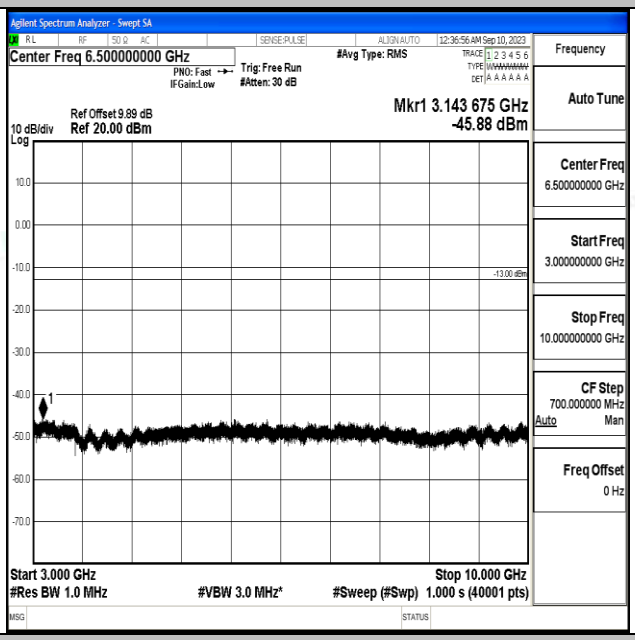

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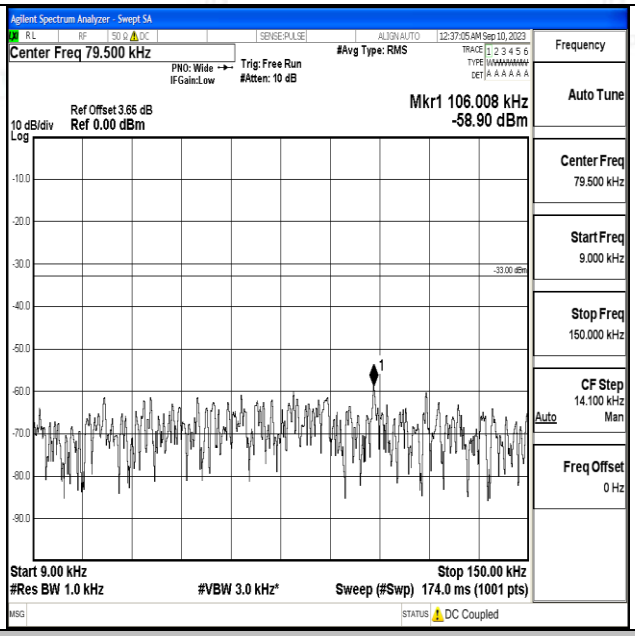

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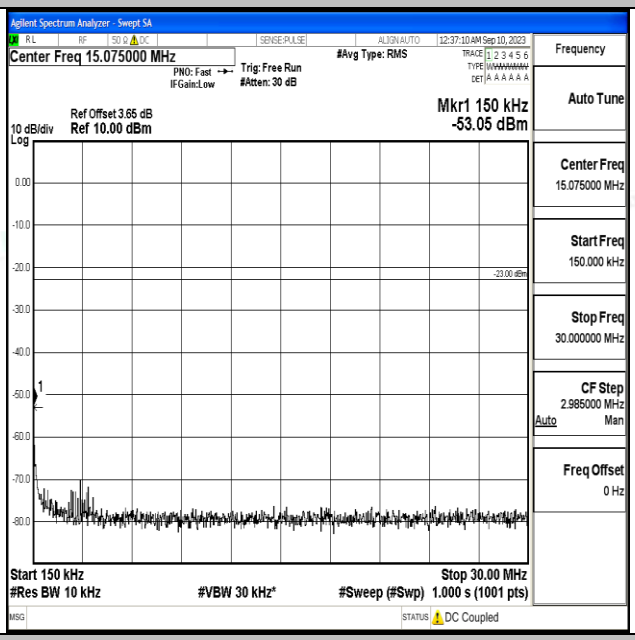

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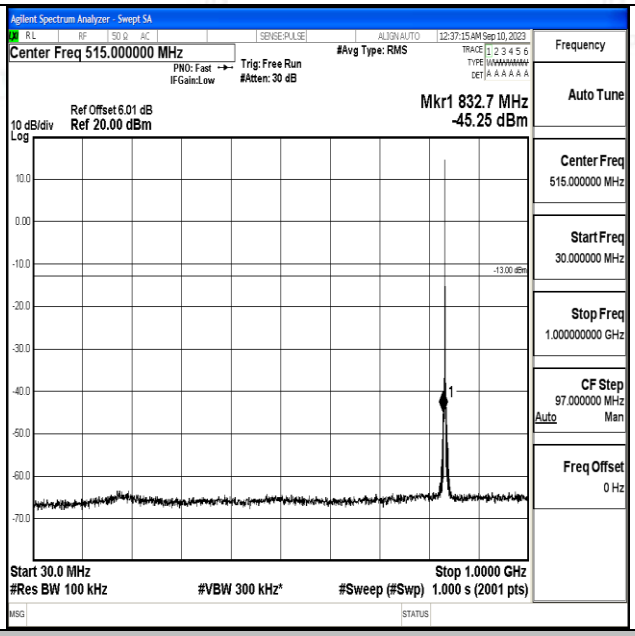

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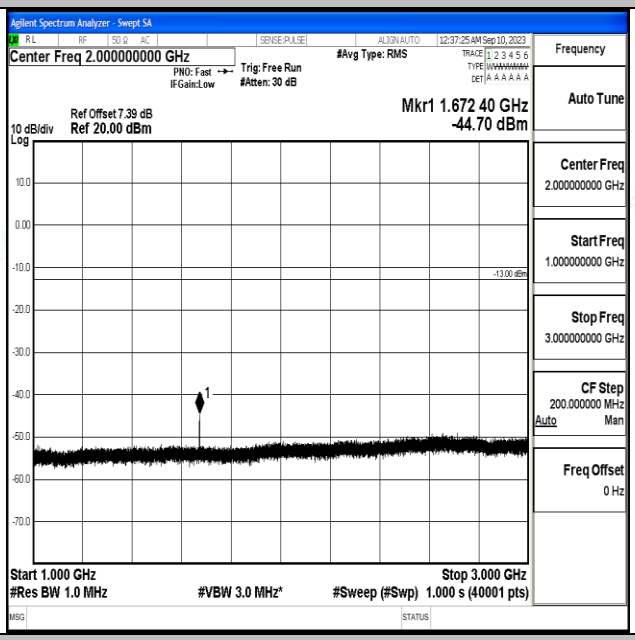

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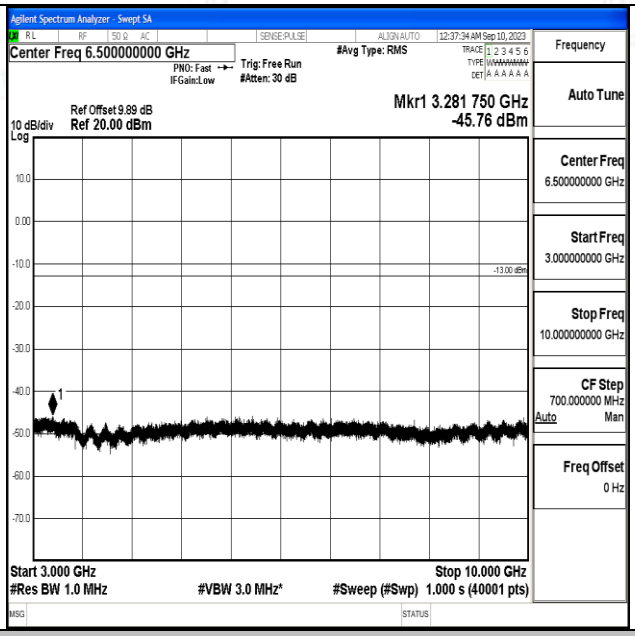

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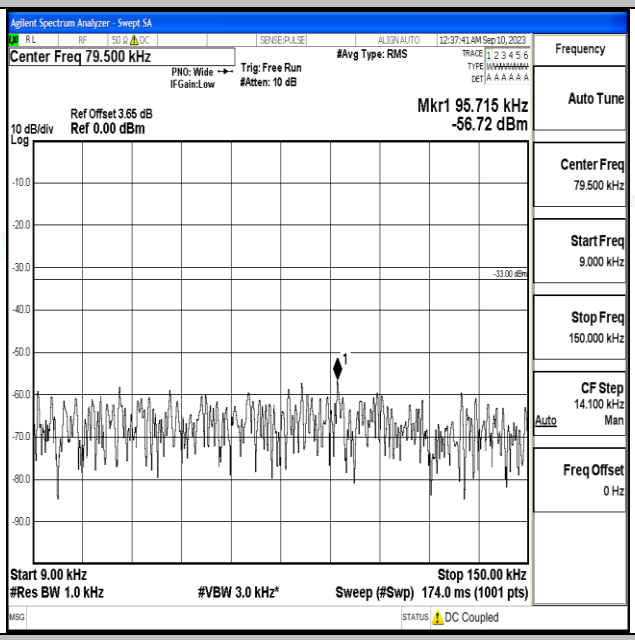

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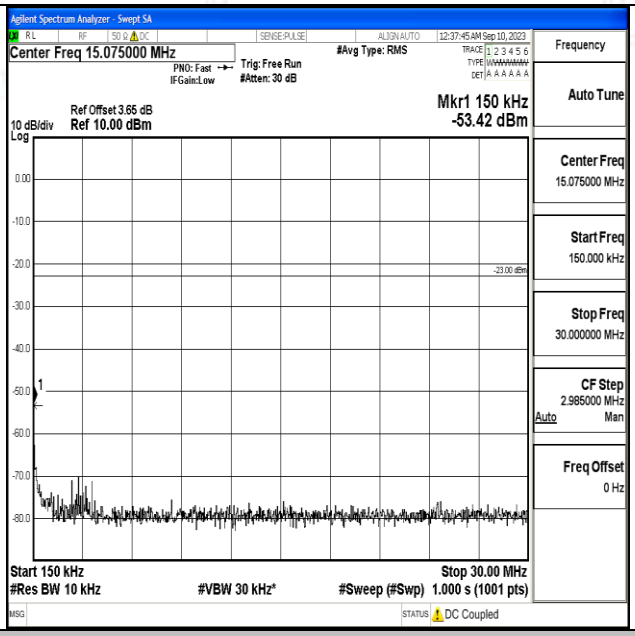

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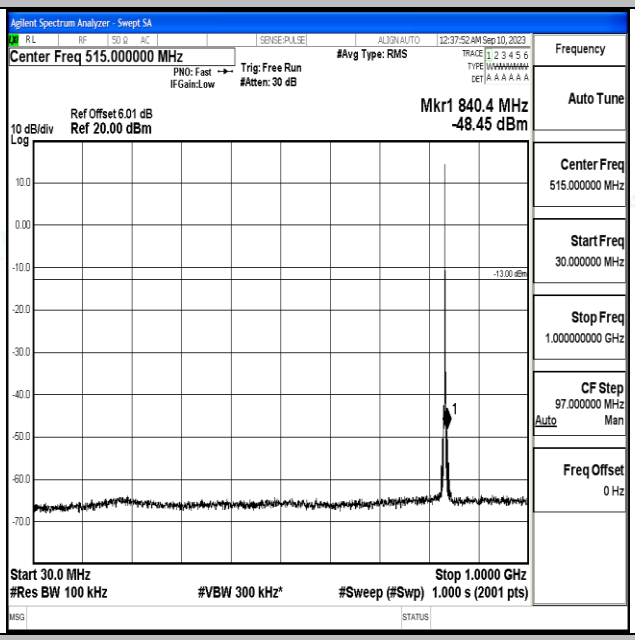

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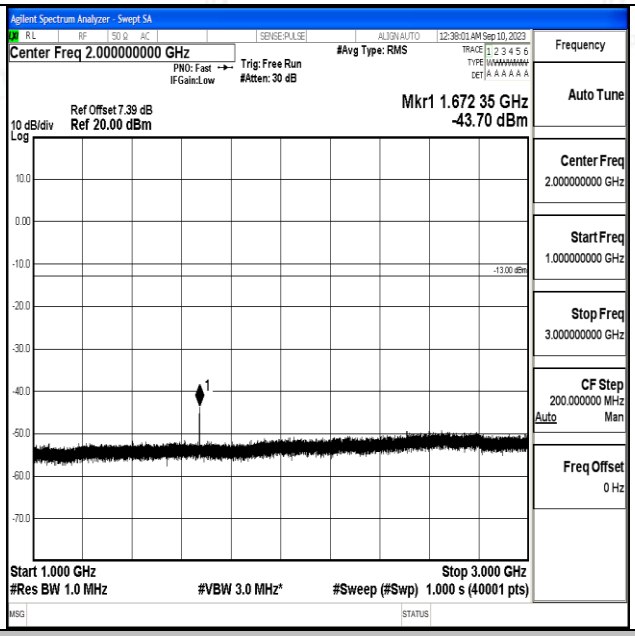

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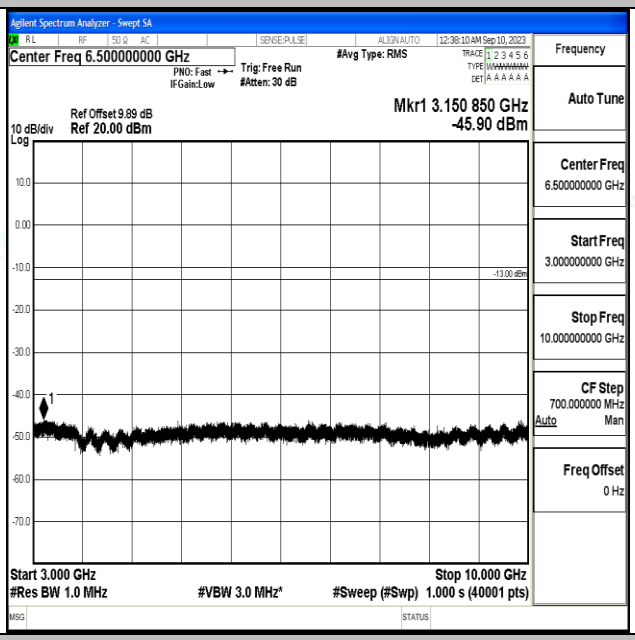

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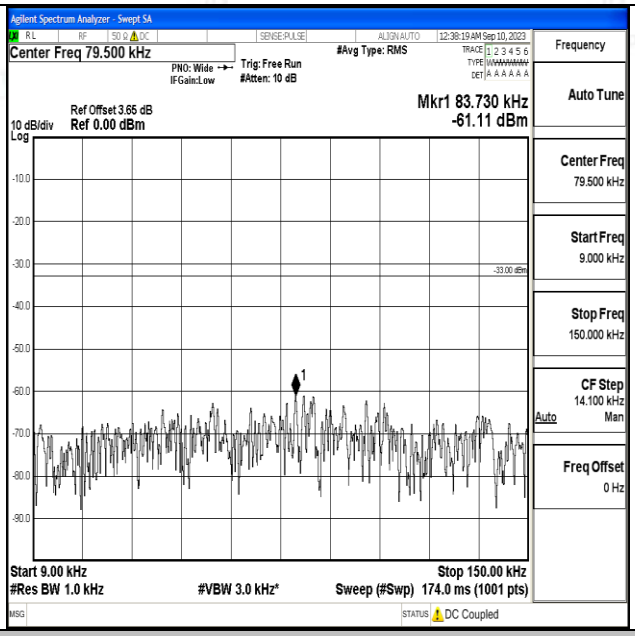
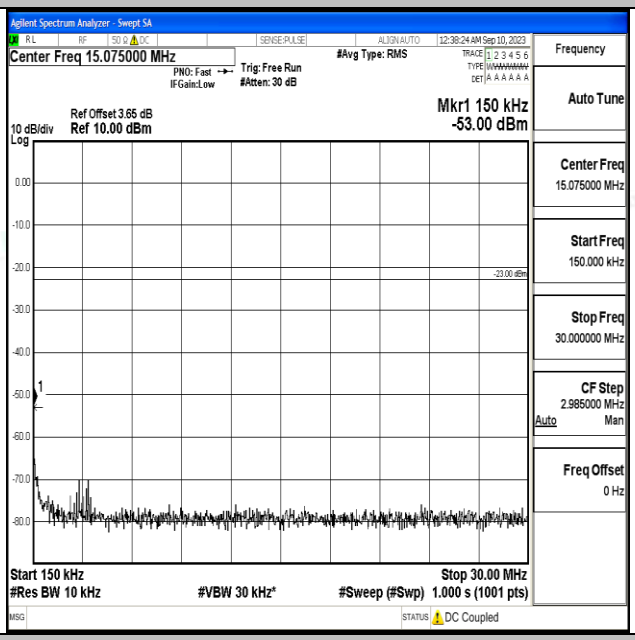
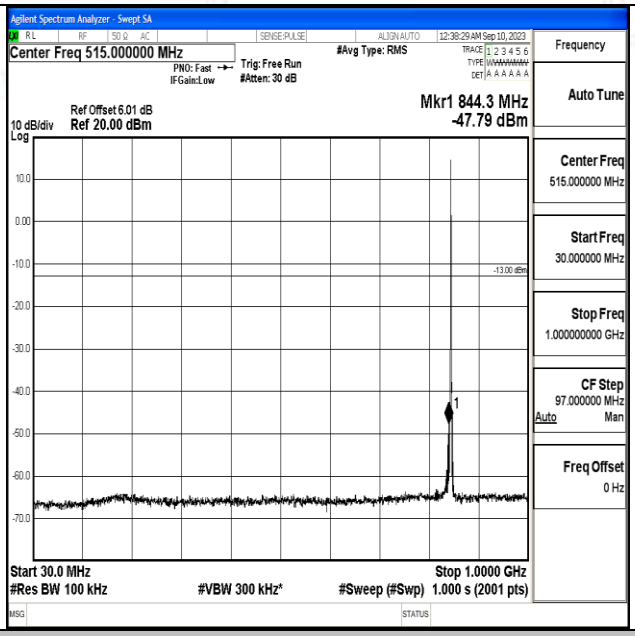


Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15



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



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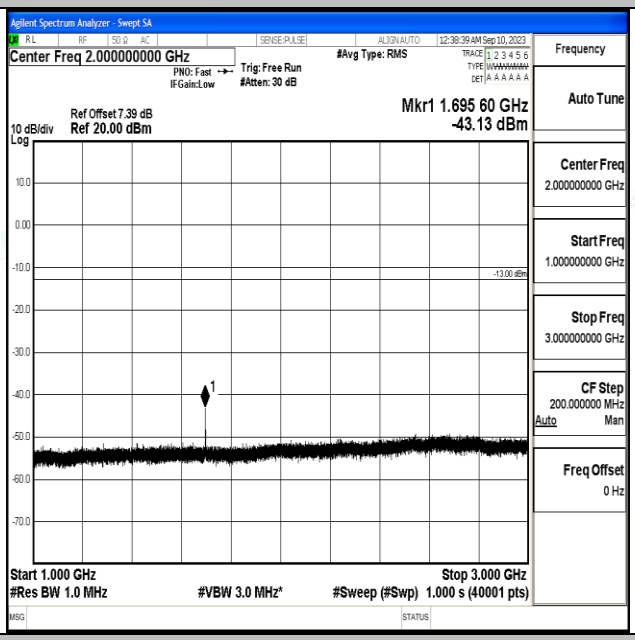
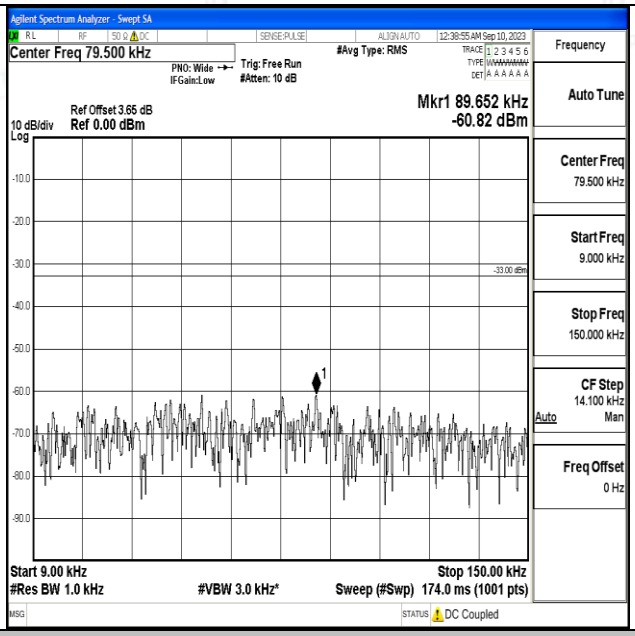
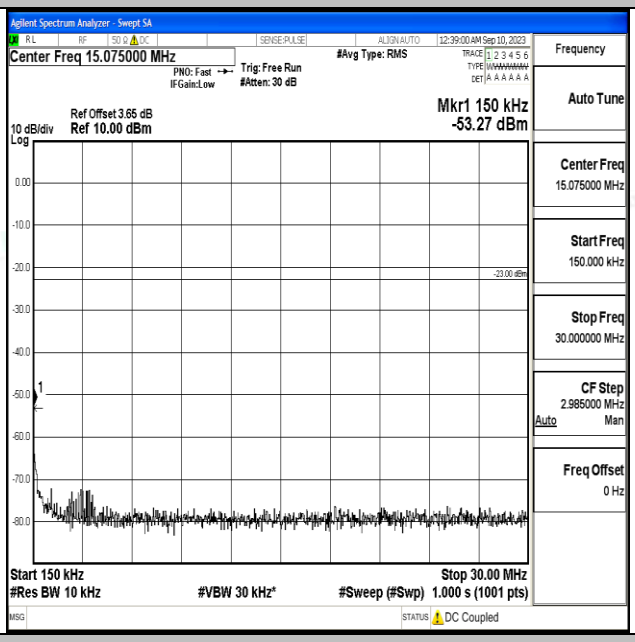


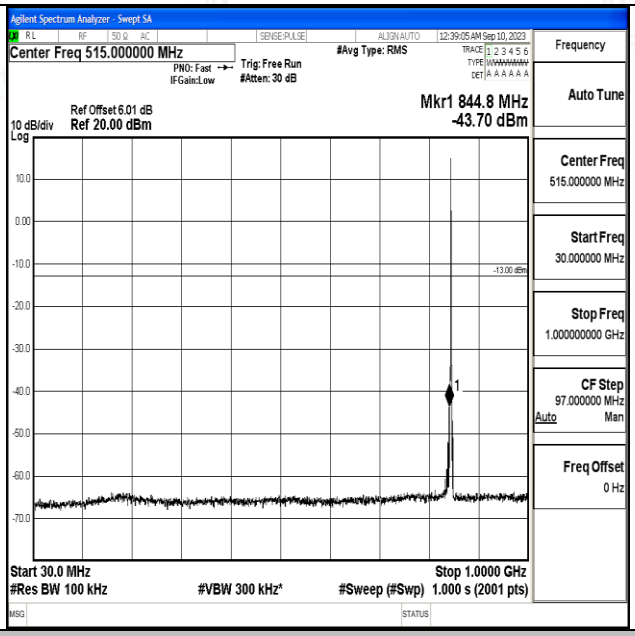
Band5_1.4MHz_QPSK_20643_1RB#0_1000~3000_1000~3000



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



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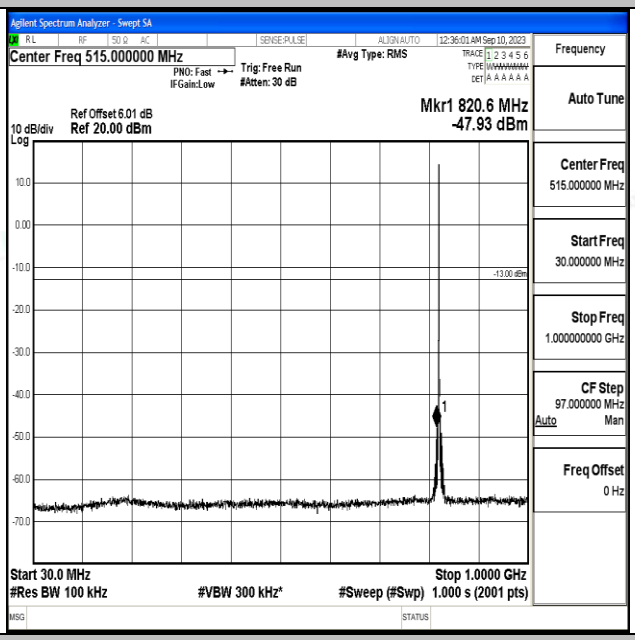
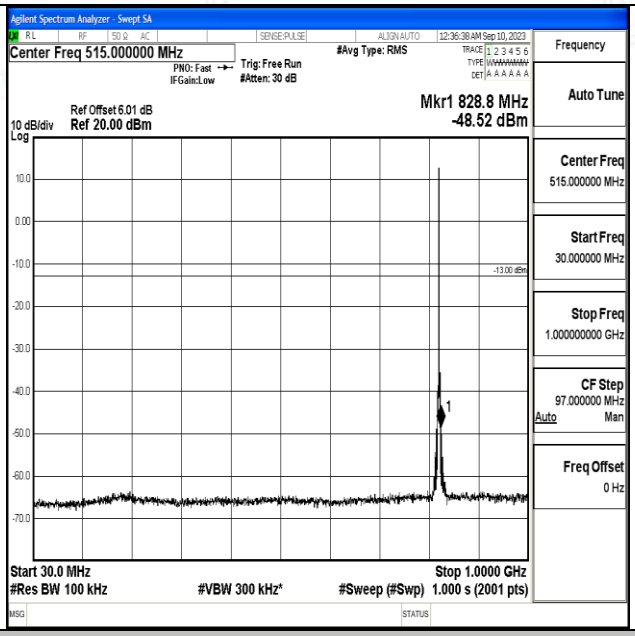
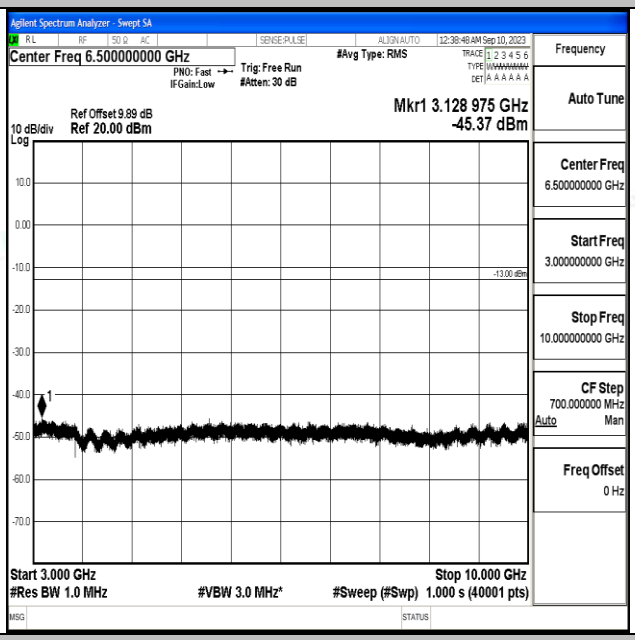


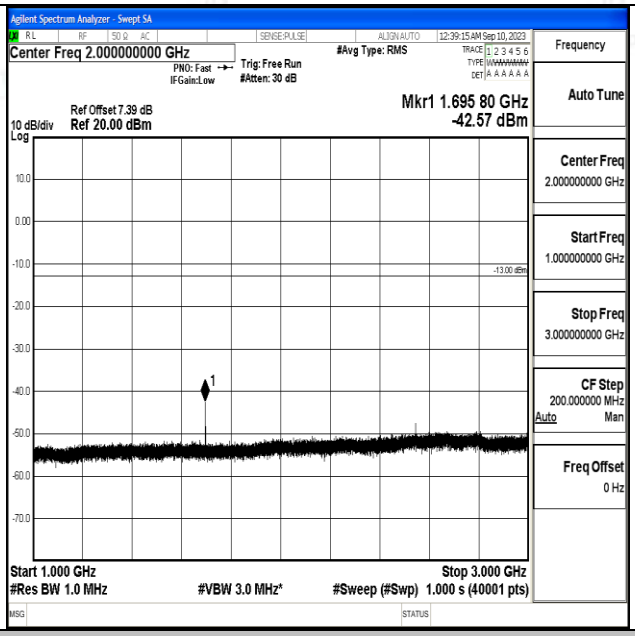
Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



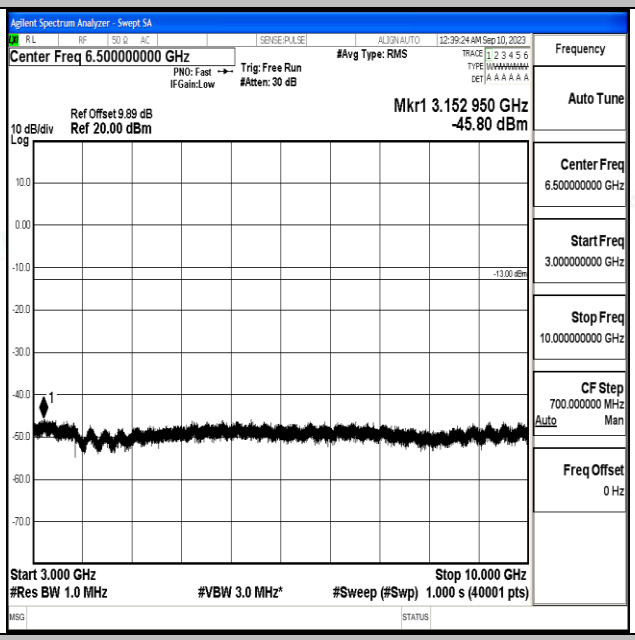
Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



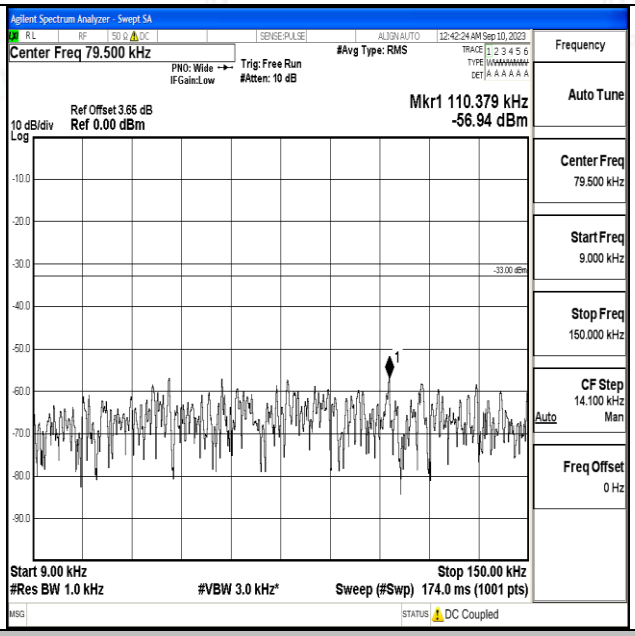
Band5_1.4MHz_QPSK_20643_1RB#0_3000~10000_3000~10000



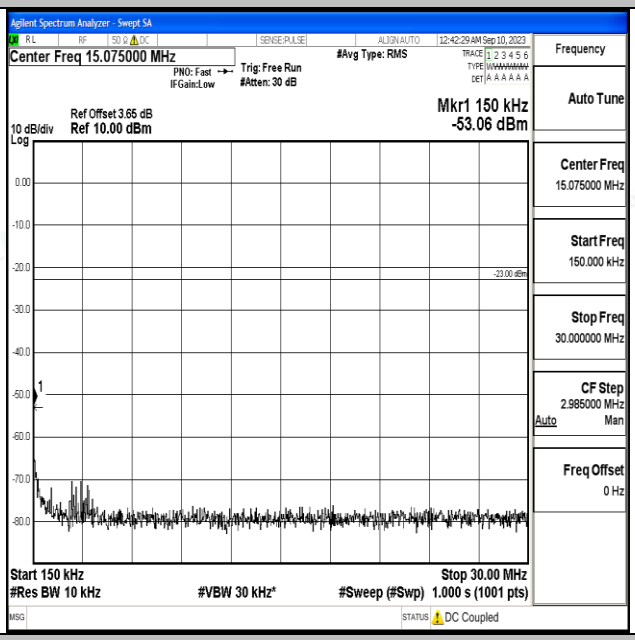
Band5_1.4MHz_16QAM_20643_1RB#0_1000~3000_1000~3000



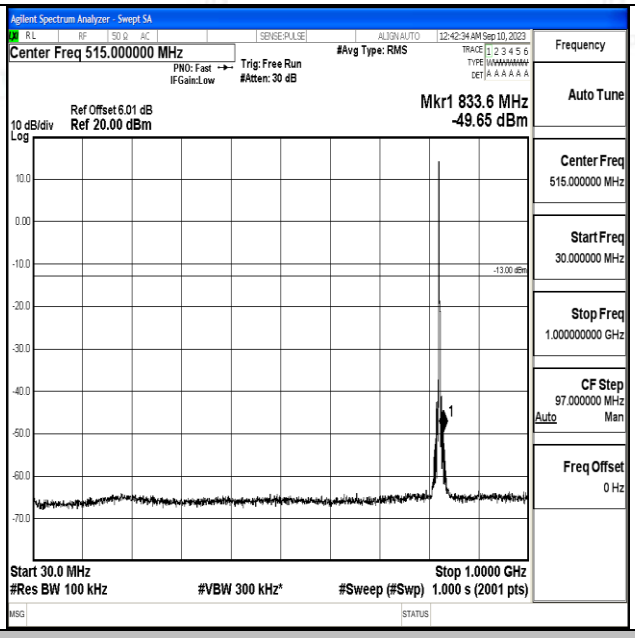
Band5_1.4MHz_16QAM_20643_1RB#0_3000~10000_3000~10000



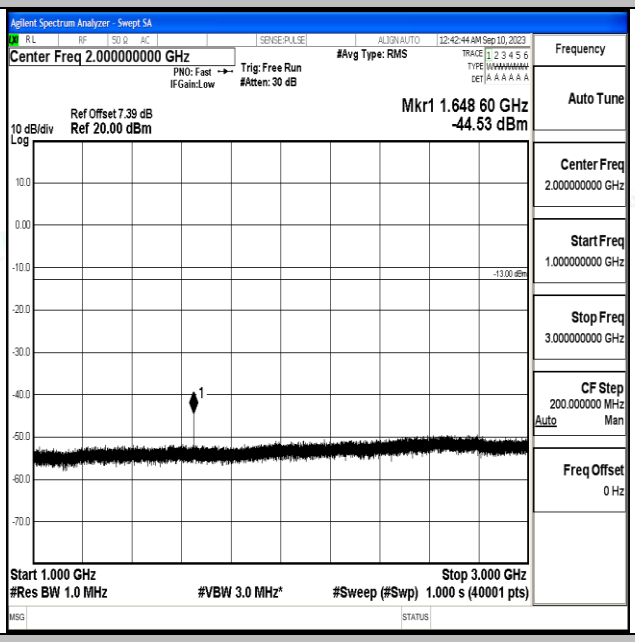
Band5_3MHz_QPSK_20415_1RB#0_0.009~0.15_0.009~0.15



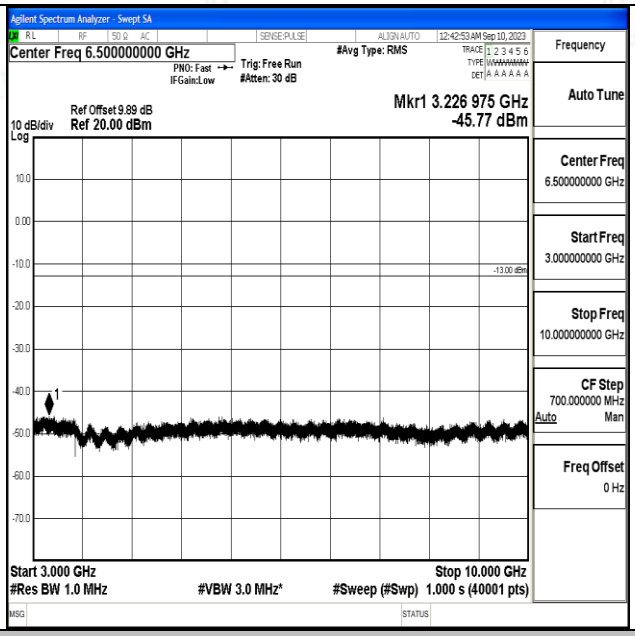
Band5_3MHz_QPSK_20415_1RB#0_0.15~30_0.15~30



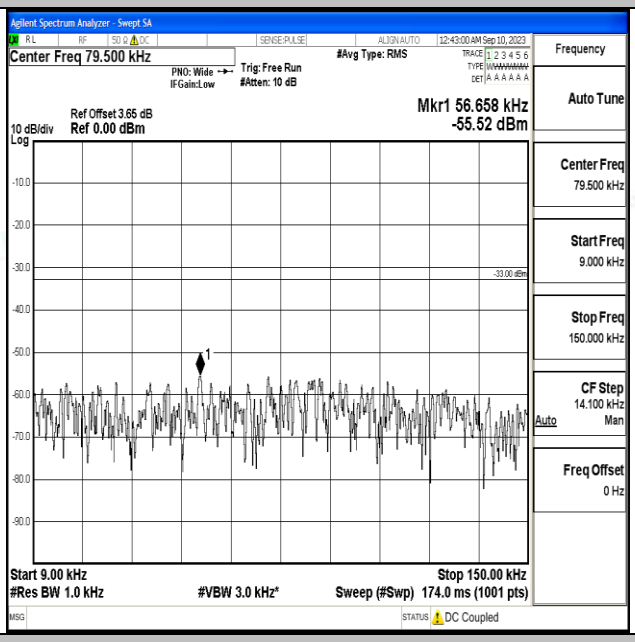
Band5_3MHz_QPSK_20415_1RB#0_30~1000_30~1000



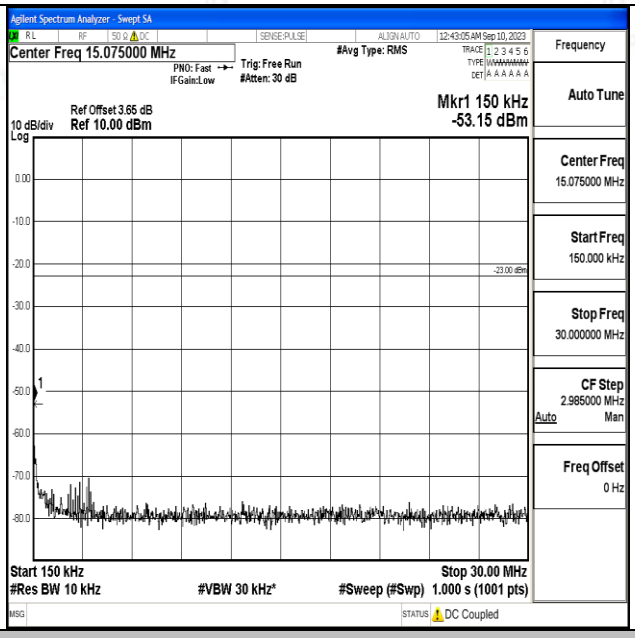
Band5_3MHz_QPSK_20415_1RB#0_1000~3000_1000~3000



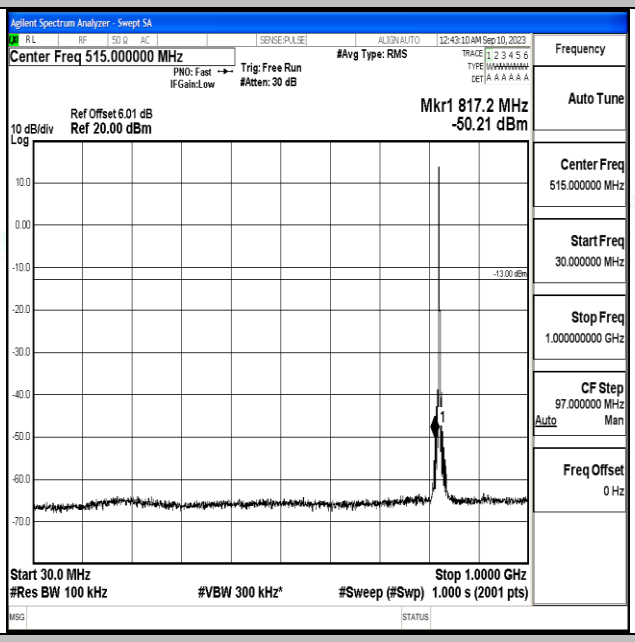
Band5_3MHz_QPSK_20415_1RB#0_3000~10000_3000~10000



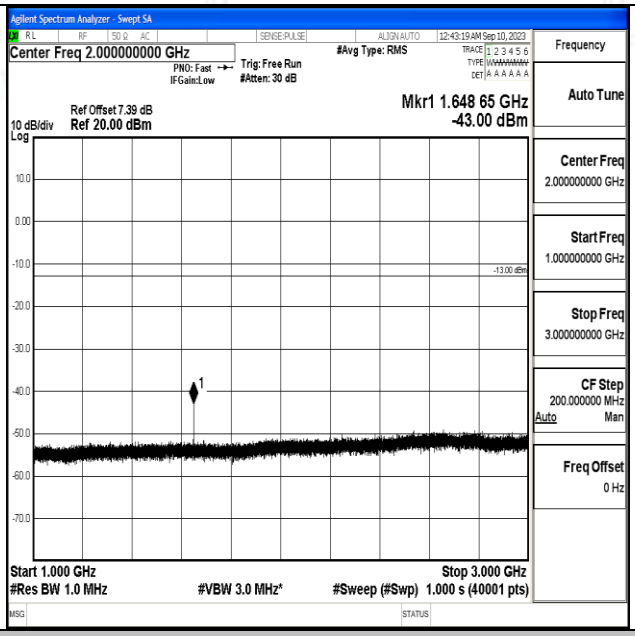
Band5_3MHz_16QAM_20415_1RB#0_0.009~0.15_0.009~0.15



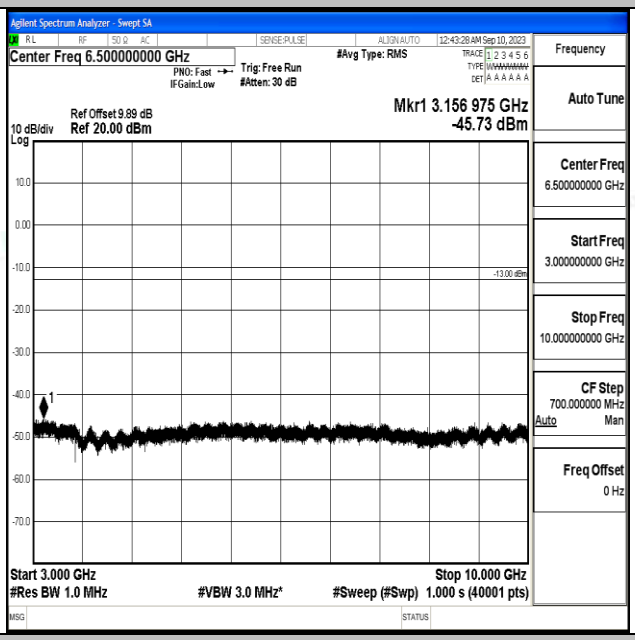
Band5_3MHz_16QAM_20415_1RB#0_0.15~30_0.15~30



Band5_3MHz_16QAM_20415_1RB#0_30~1000_30~1000



Band5_3MHz_16QAM_20415_1RB#0_1000~3000_1000~3000



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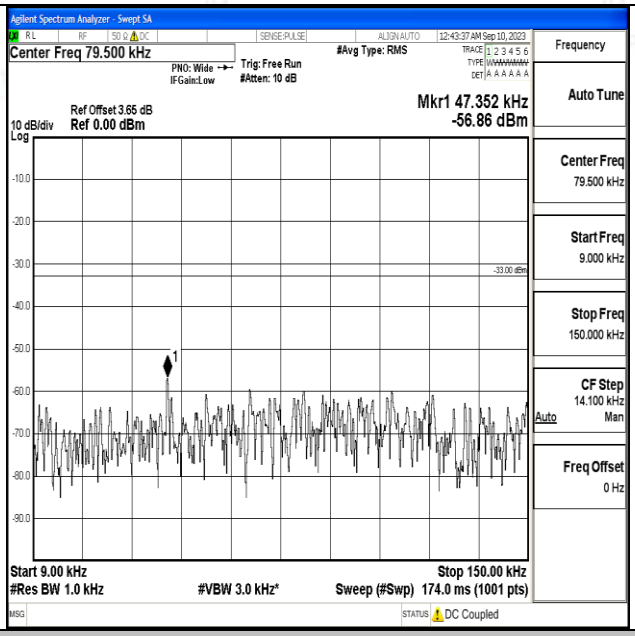
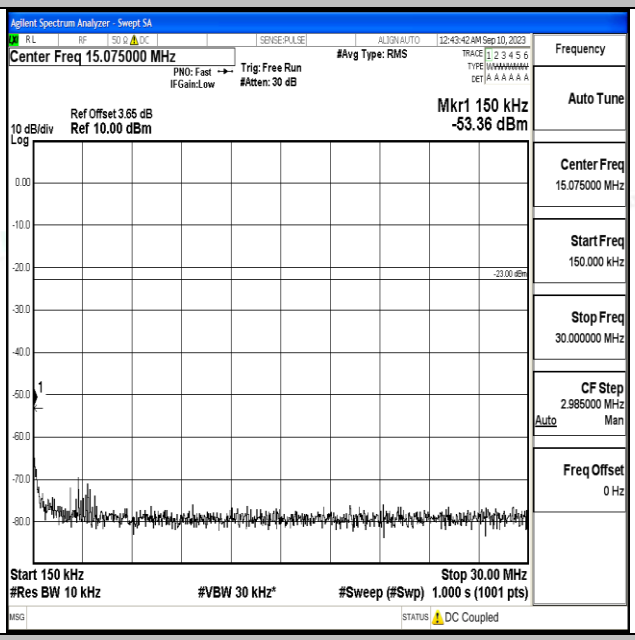


Band5_3MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15



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