Appendix D: Test Data for E-UTRA Band 2

Product Name: Smartphone

Test Model: NET HIT

Environmental Conditions

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

D.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.21	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.71	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.24	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.64	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.28	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.62	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.38	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.84	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.37	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.96	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.25	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.89	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.19	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.31	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.53	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.75	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.52	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.80	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.52	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.58	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.42	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.25	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.41	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.21	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.37	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.16	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.36	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.14	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.37	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.11	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.12	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.18	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.88	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.16	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.97	PASS

Band2	1.4MHz	QPSK	19193	3RB#1	23.17	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.95	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.14	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.99	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.20	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.16	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.20	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.08	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.25	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.07	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.12	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.08	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.19	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.43	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.20	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.48	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.24	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.39	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.23	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.36	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.38	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.95	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.43	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.96	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.38	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.88	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.41	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.52	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.41	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.52	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.36	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.51	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.37	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.49	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.21	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.90	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.13	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.80	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.18	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.78	PASS

Band2	3MHz	QPSK	19185	8RB#0	22.19	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.48	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.22	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.48	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.21	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.36	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.14	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.15	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.20	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.67	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.17	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.64	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.16	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.58	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.30	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.41	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.31	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.38	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.35	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.26	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.19	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.47	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.39	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.82	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.33	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.83	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.32	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.77	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.47	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.40	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.49	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.40	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.44	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.44	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.47	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.60	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.23	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.51	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.18	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.53	PASS

Band2	5MHz	QPSK	19175	1RB#24	23.18	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.18	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.31	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.32	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.34	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.34	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.26	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.23	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.28	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.23	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.20	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.37	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.15	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.26	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.22	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.29	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.30	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.24	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.28	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.24	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.26	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.21	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.29	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.27	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.36	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.58	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.42	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.46	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.40	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.18	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.44	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.37	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.40	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.38	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.39	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.42	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.36	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.49	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.36	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.99	PASS

Band2	10MHz	QPSK	19150	1RB#24	23.33	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.97	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.21	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.89	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.37	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.48	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.28	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.49	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.23	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.45	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.29	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.30	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.24	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.37	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.18	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.28	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.26	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.42	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.35	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.35	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.34	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.34	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.35	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.34	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.34	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.30	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.41	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.45	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.28	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.35	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.31	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.31	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.38	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.38	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.38	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.38	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.38	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.38	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.37	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.46	PASS

Band2	15MHz	QPSK	19125	1RB#0	23.07	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.34	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.08	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.30	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.27	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.24	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.36	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.37	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.37	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.36	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.35	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.35	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.48	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.34	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.46	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.35	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.50	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.45	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.34	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.39	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.35	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.43	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.36	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.49	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.28	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.42	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.52	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.41	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.49	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.22	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.47	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.41	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.55	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.60	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.56	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.61	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.49	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.50	PASS

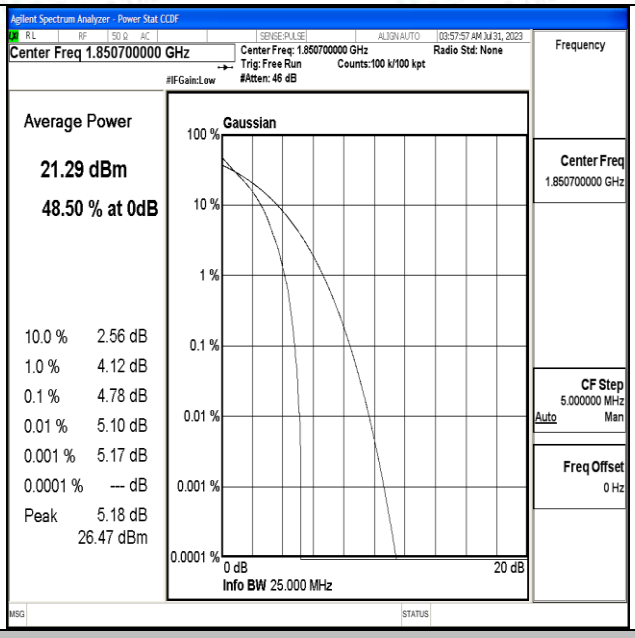
Band2	20MHz	QPSK	18900	100RB#0	22.40	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.53	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.52	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.72	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.52	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.80	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.41	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.68	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.35	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.42	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.25	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.40	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.38	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.34	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.35	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.48	PASS

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

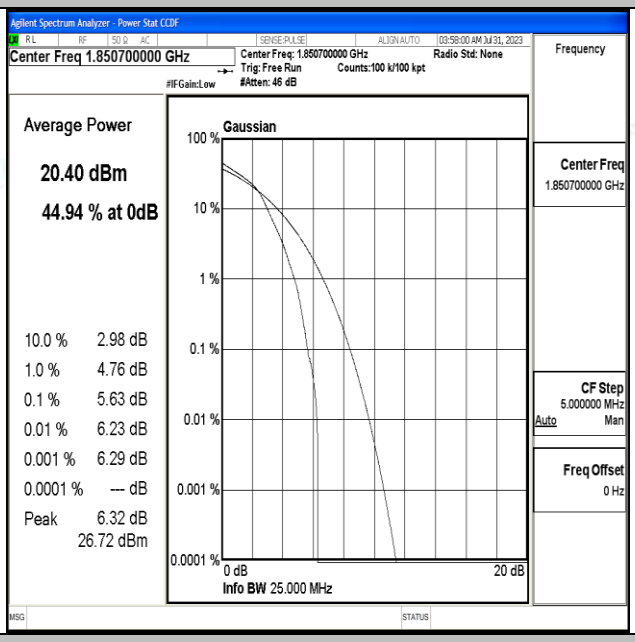
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.78	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.63	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.21	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.02	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.94	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.81	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.03	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.69	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.12	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.93	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.10	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.79	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.92	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.63	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.19	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.82	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.92	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.62	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.21	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.89	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.28	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.94	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.95	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.81	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.59	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.17	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.65	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.13	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.48	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.95	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.43	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.49	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.16	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.42	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.13	13	PASS

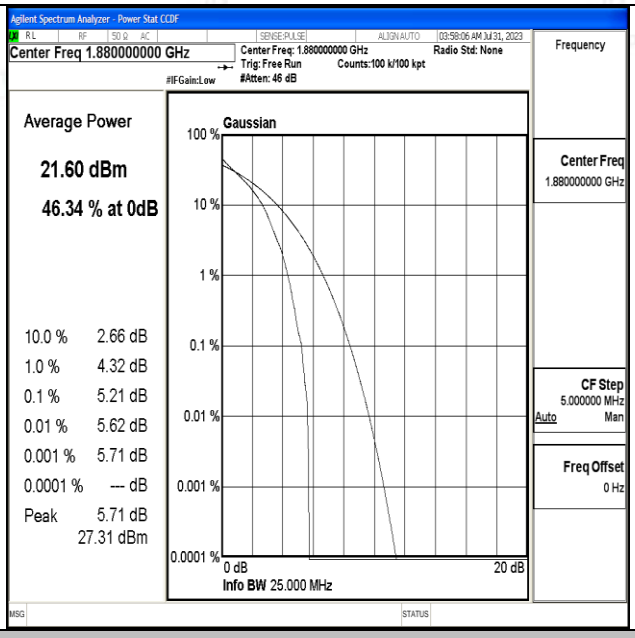
Test Graphs



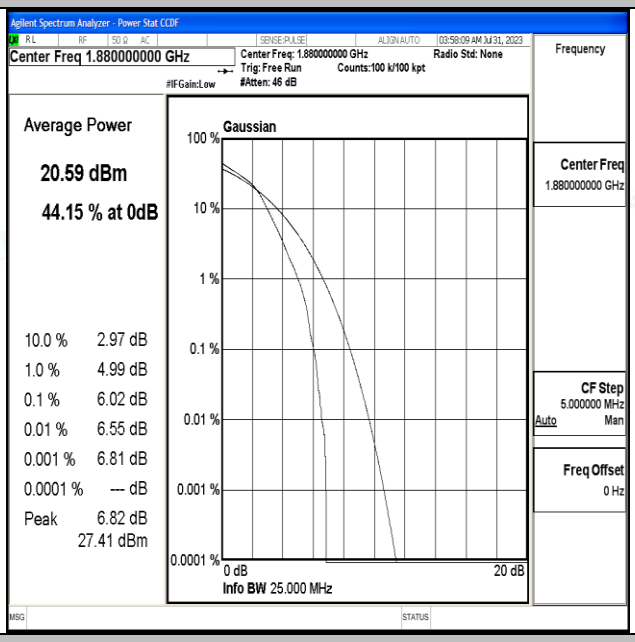
1.4MHz-18607



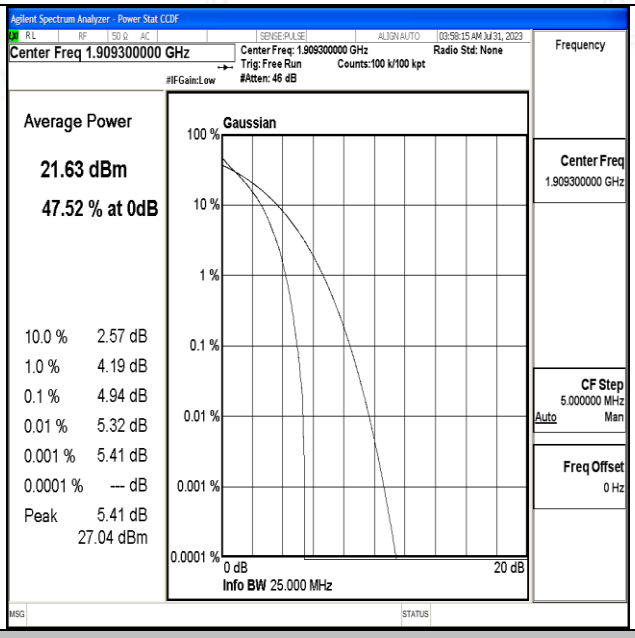
1.4MHz-18607



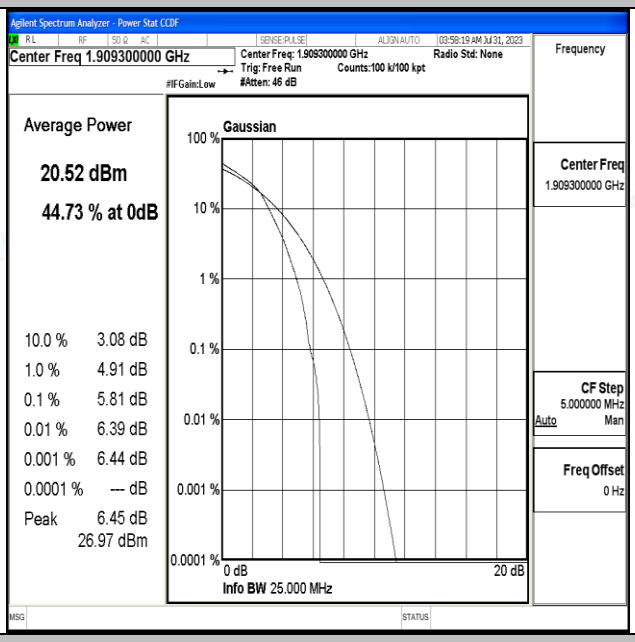
1.4MHz-18900



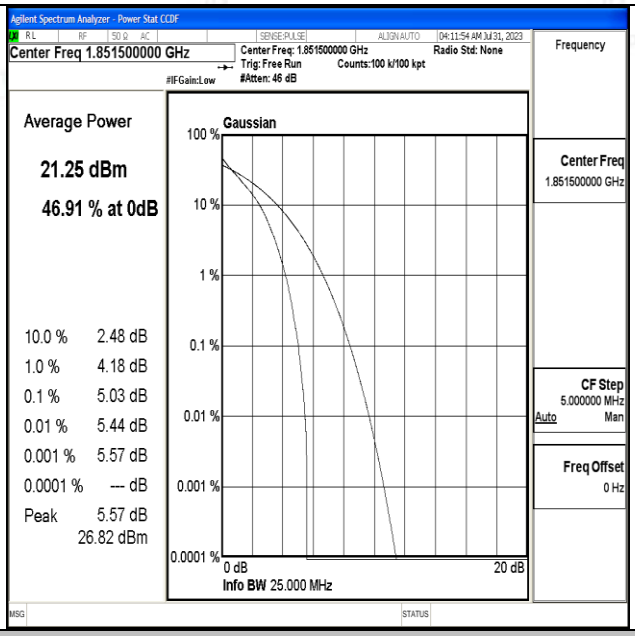
1.4MHz-18900



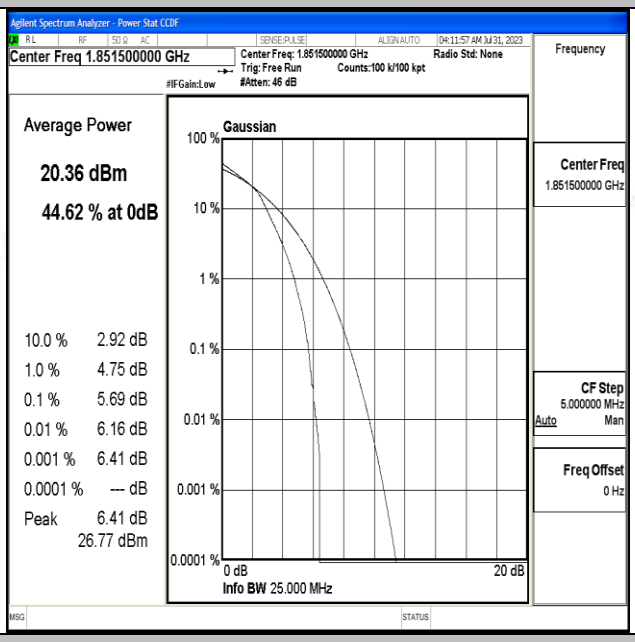
1.4MHz-19193



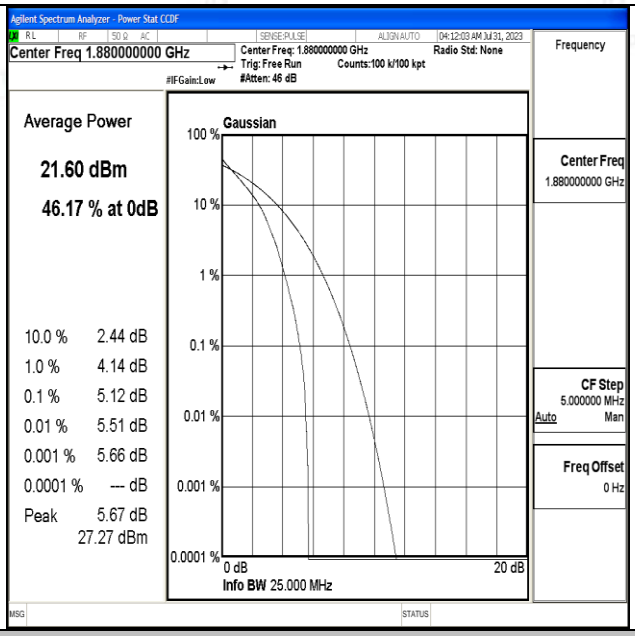
1.4MHz-19193



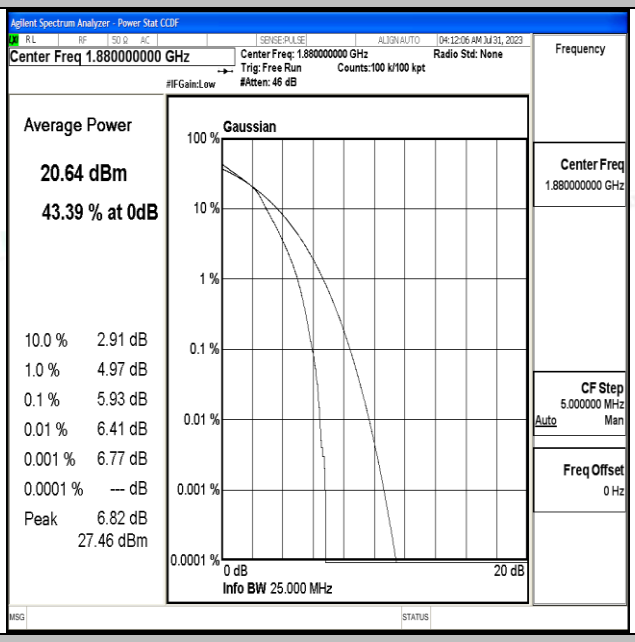
3MHz-18615



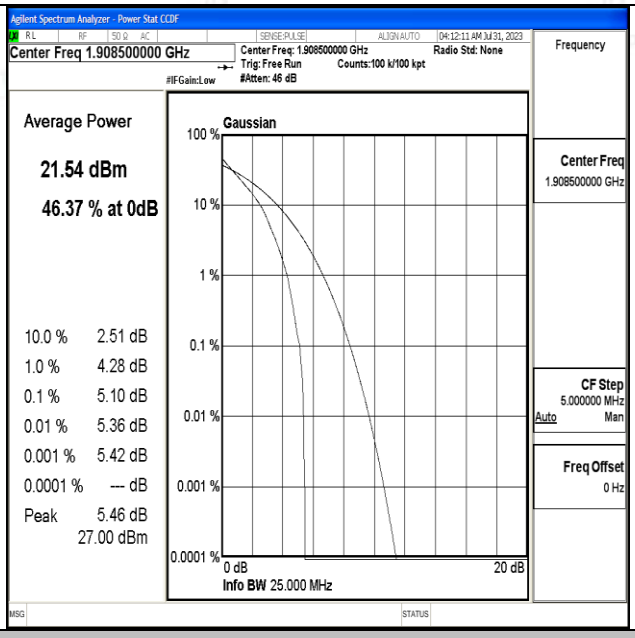
3MHz-18615



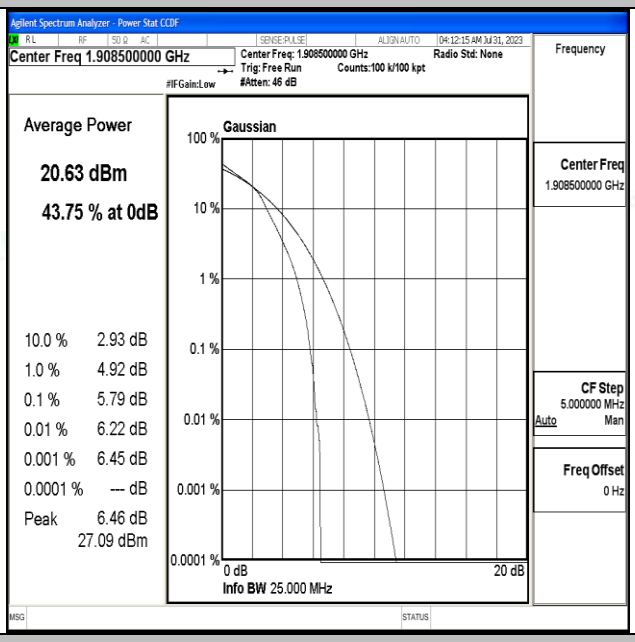
3MHz-18900



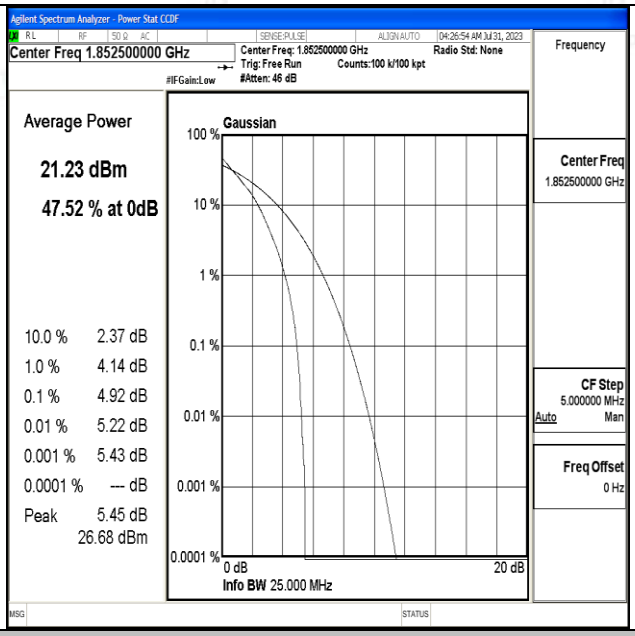
3MHz-18900



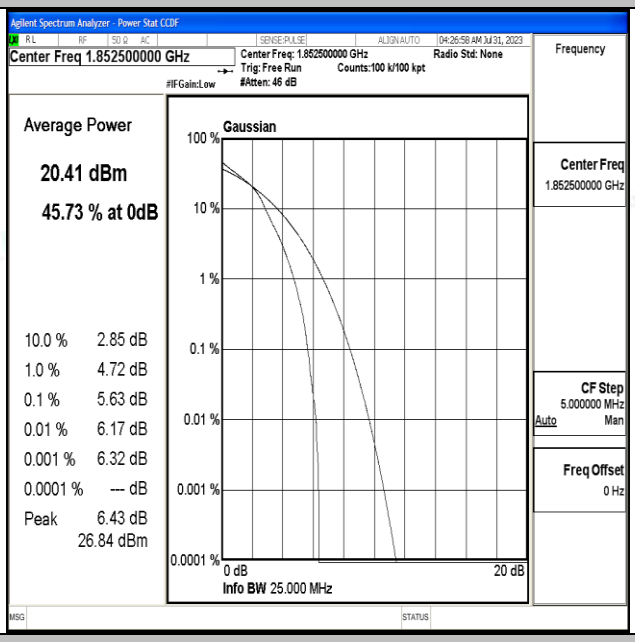
3MHz-19185



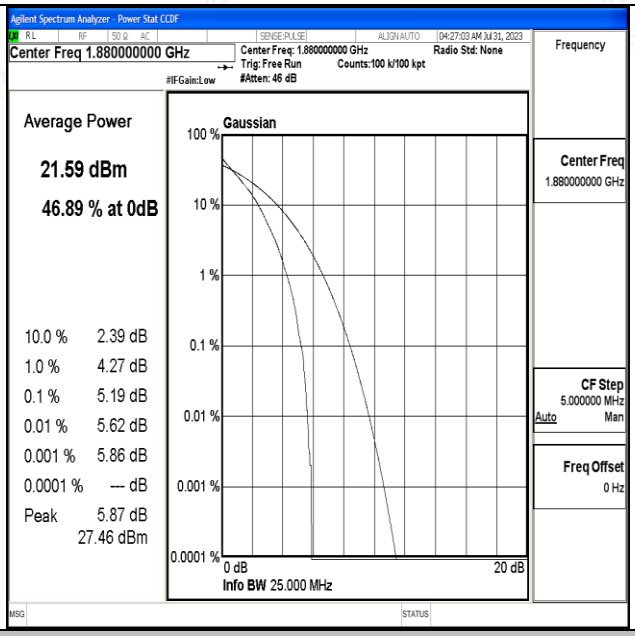
3MHz-19185



5MHz-18625



5MHz-18625



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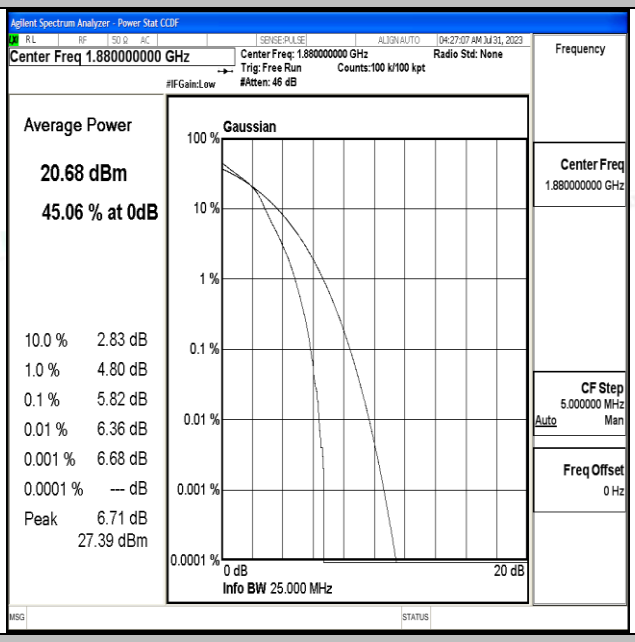
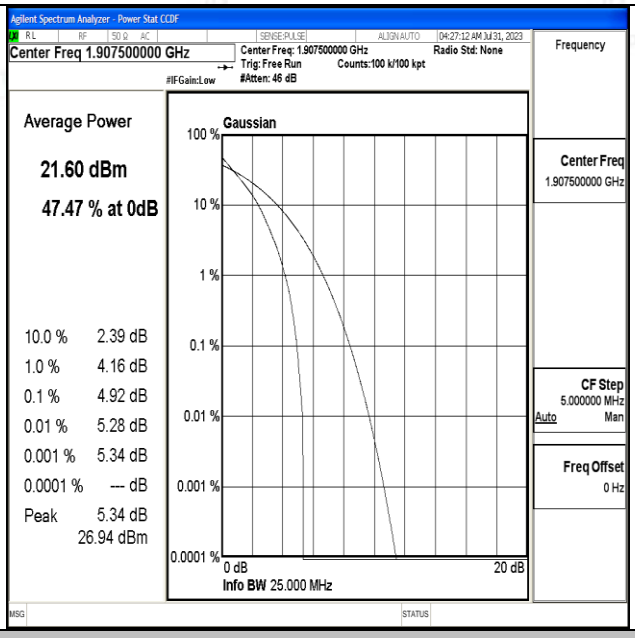
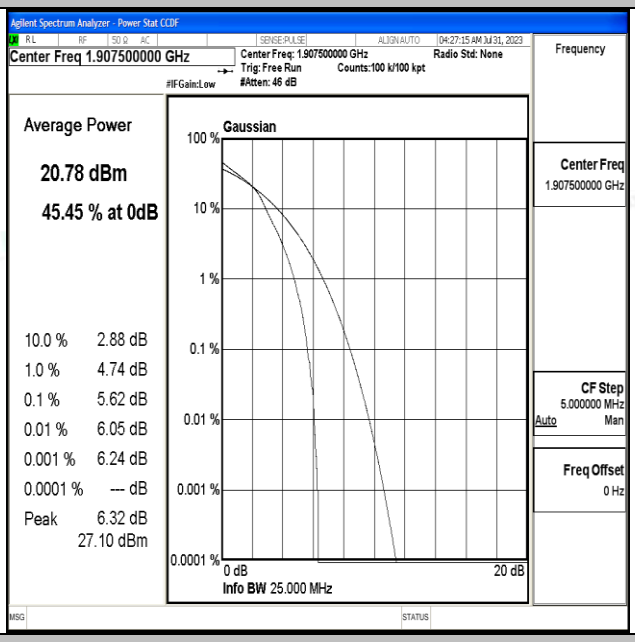


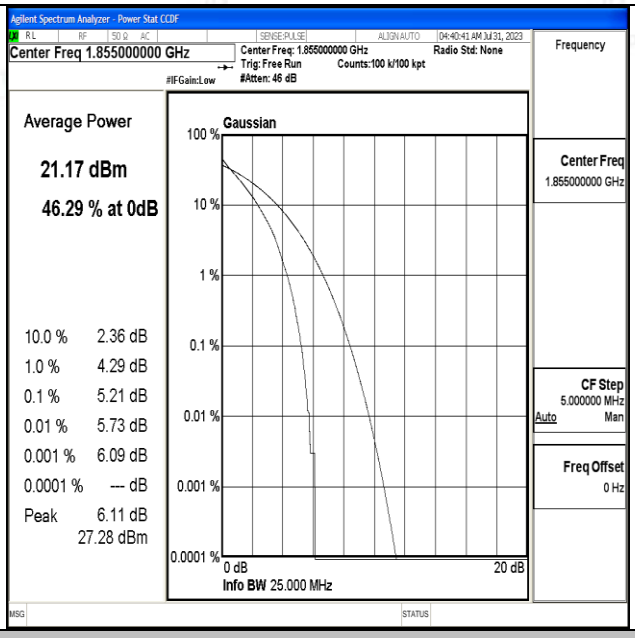
5MHz-18900



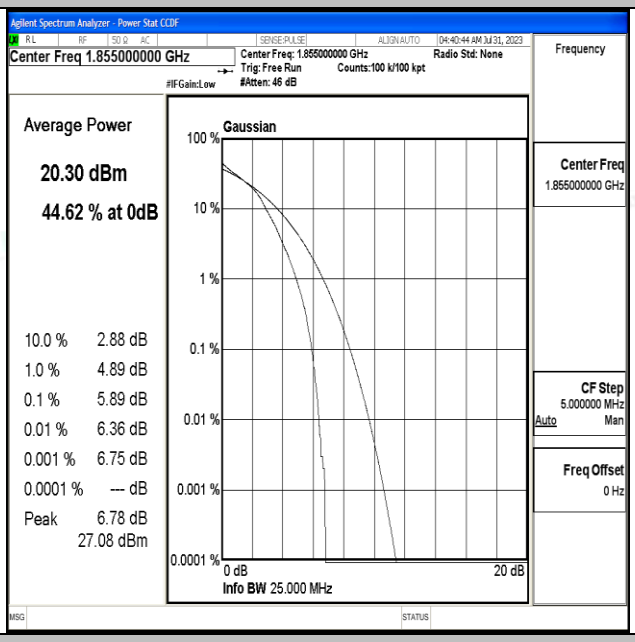
5MHz-19175



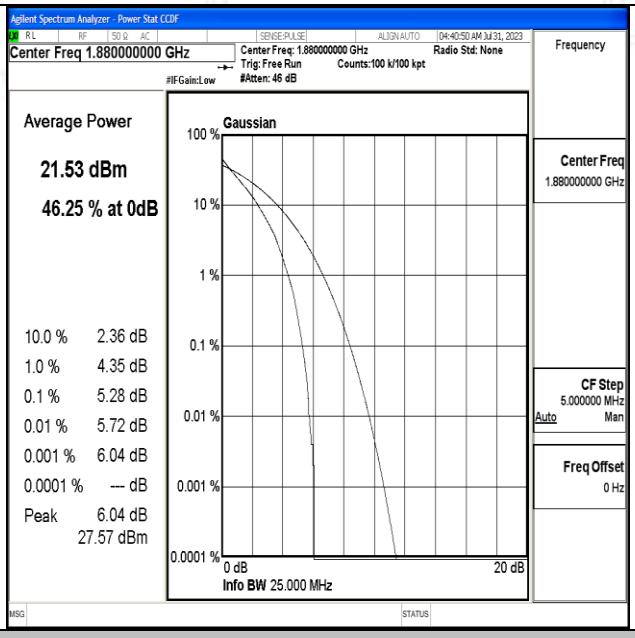
5MHz-19175



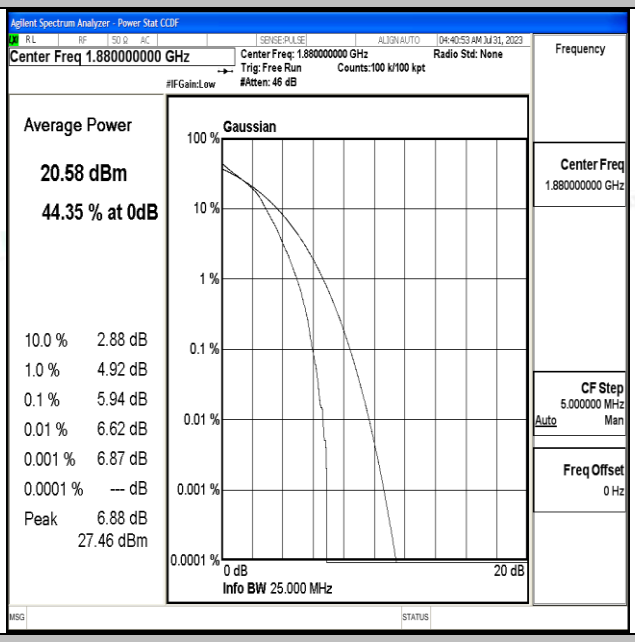
10MHz-18650



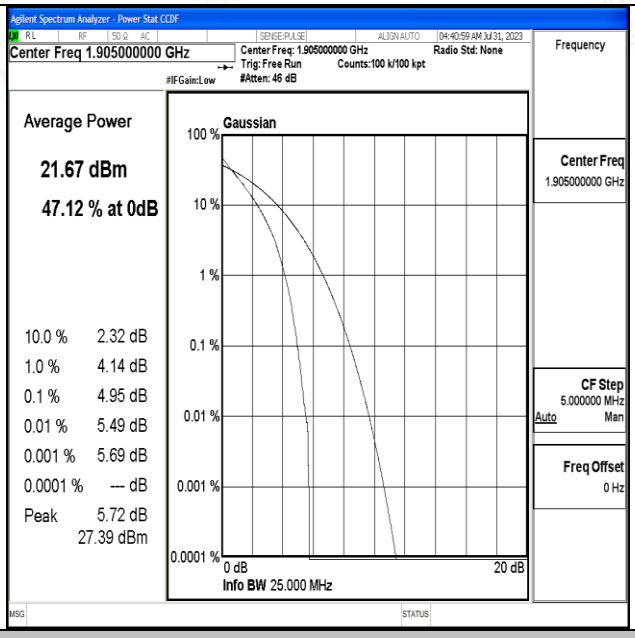
10MHz-18650



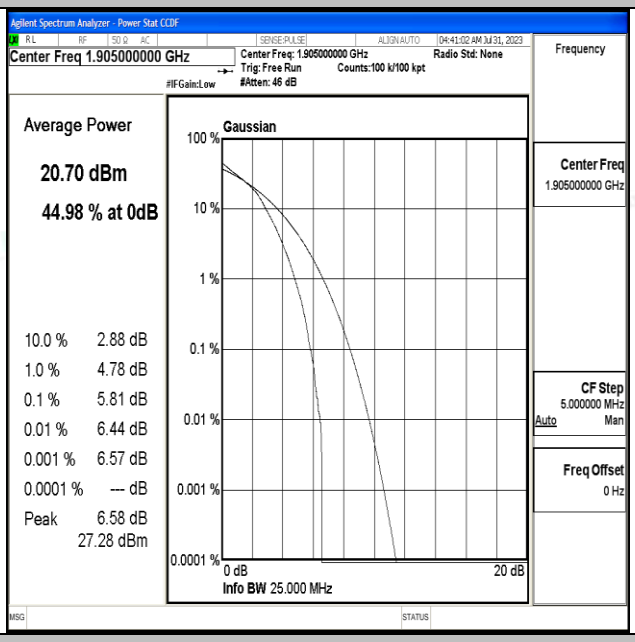
10MHz-18900



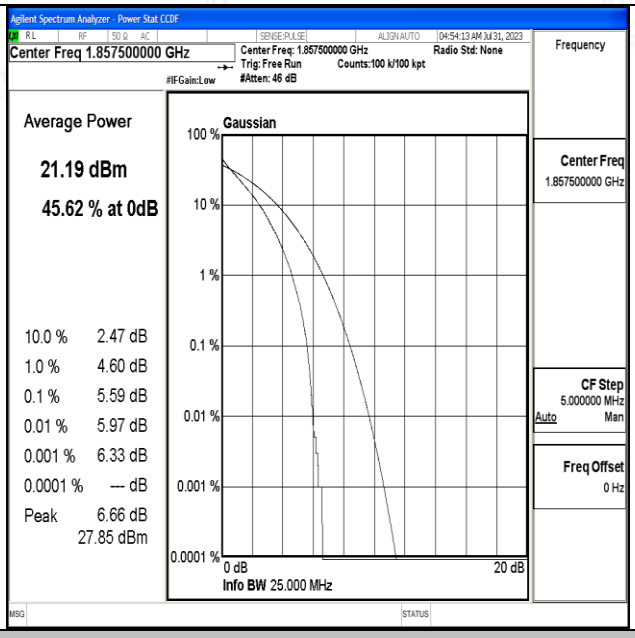
10MHz-18900



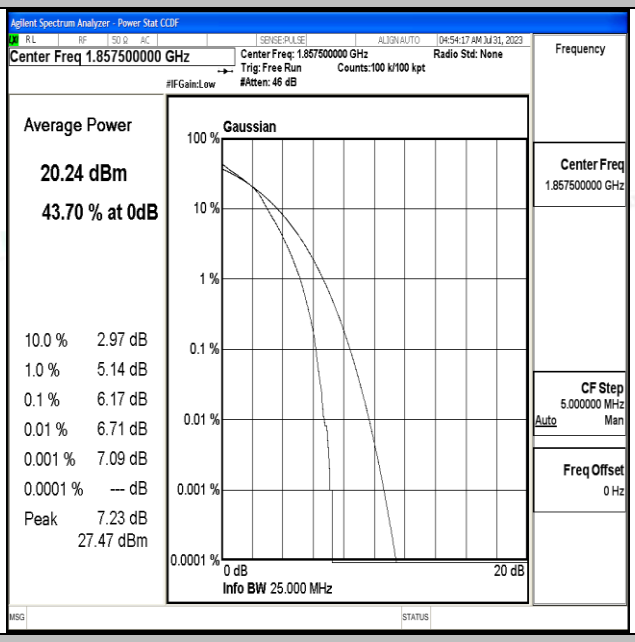
10MHz-19150



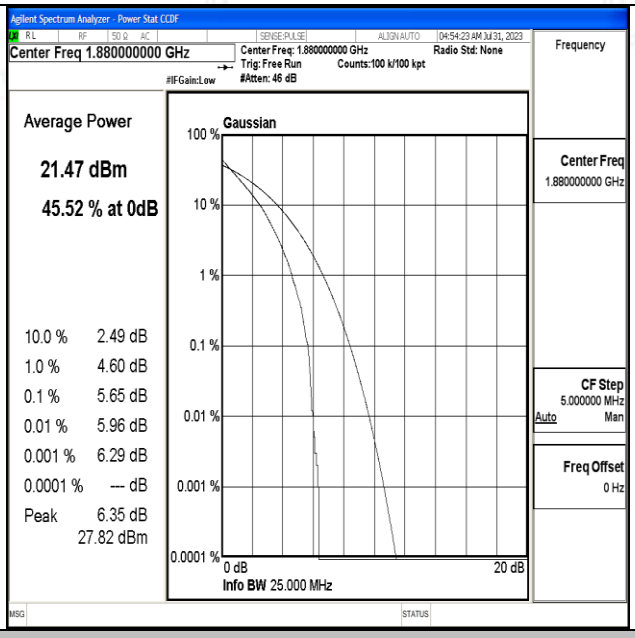
10MHz-19150



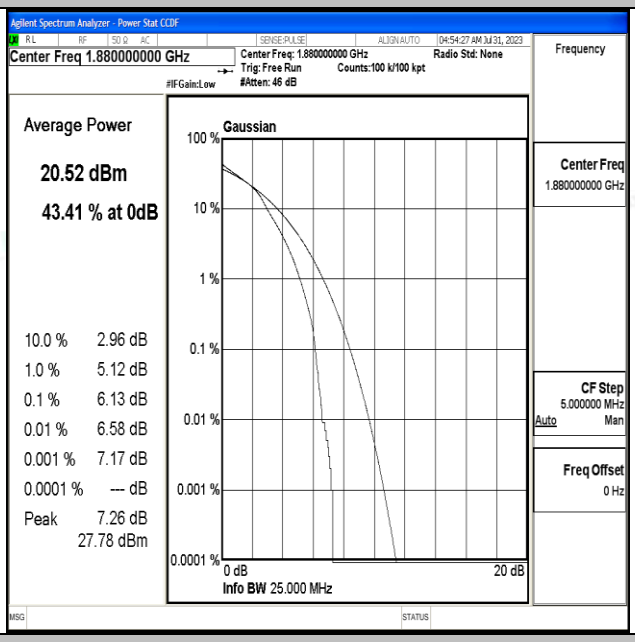
15MHz-18675



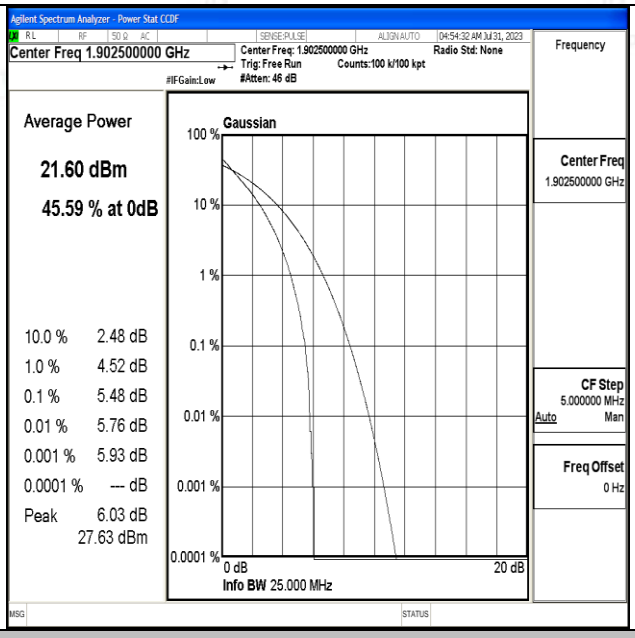
15MHz-18675



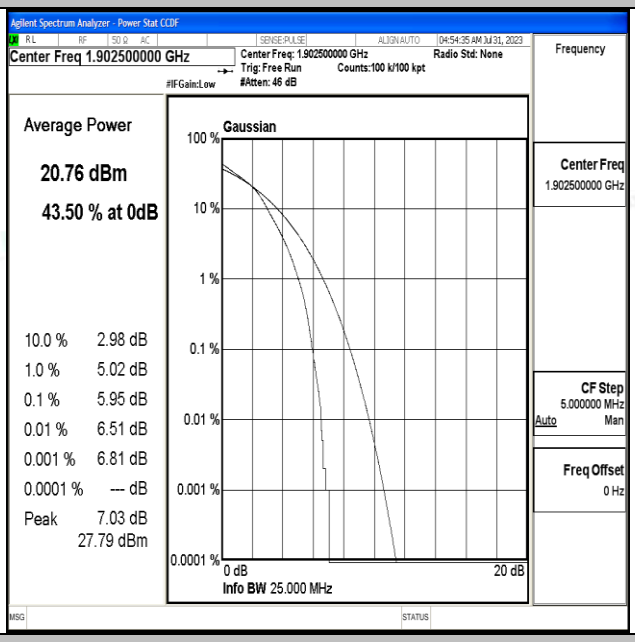
15MHz-18900



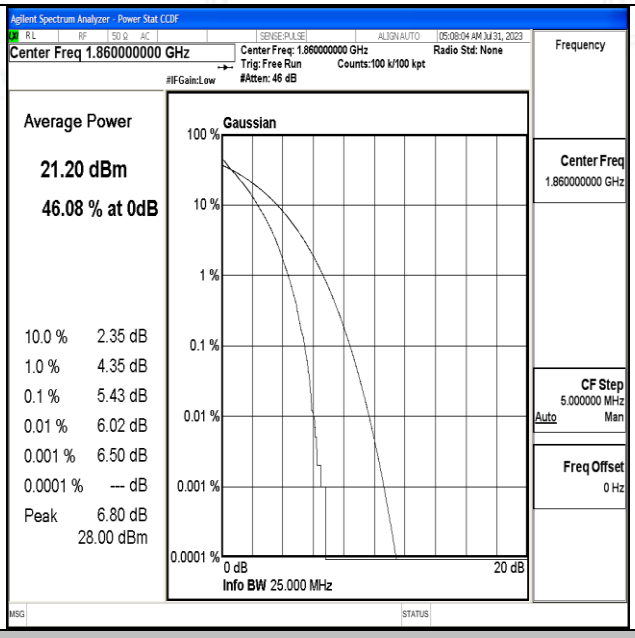
15MHz-18900



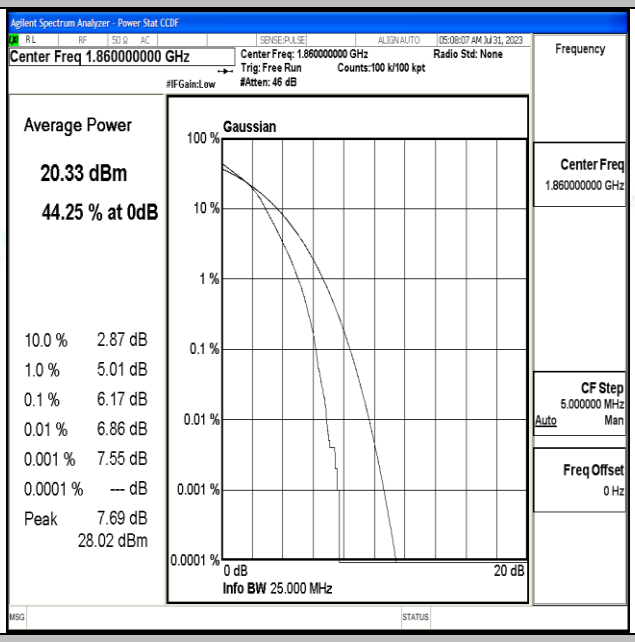
15MHz-19125



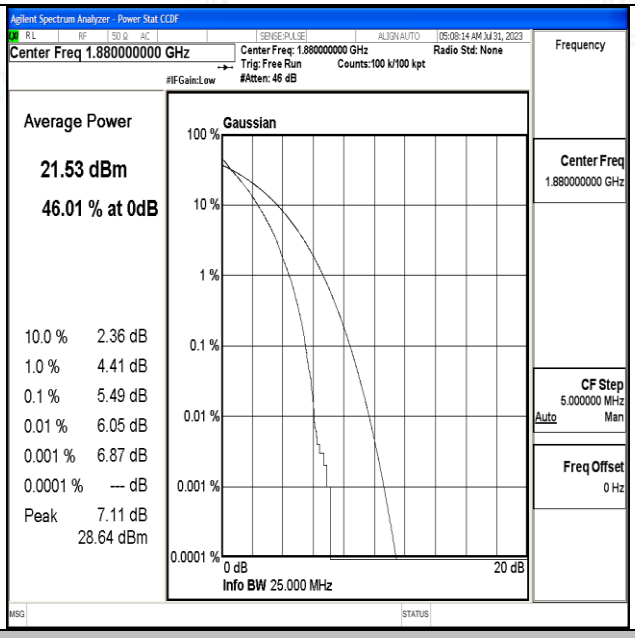
15MHz-19125



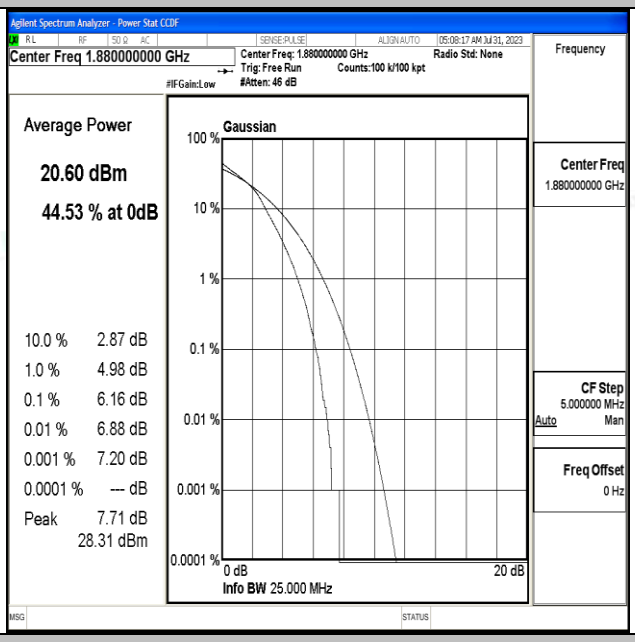
20MHz-18700



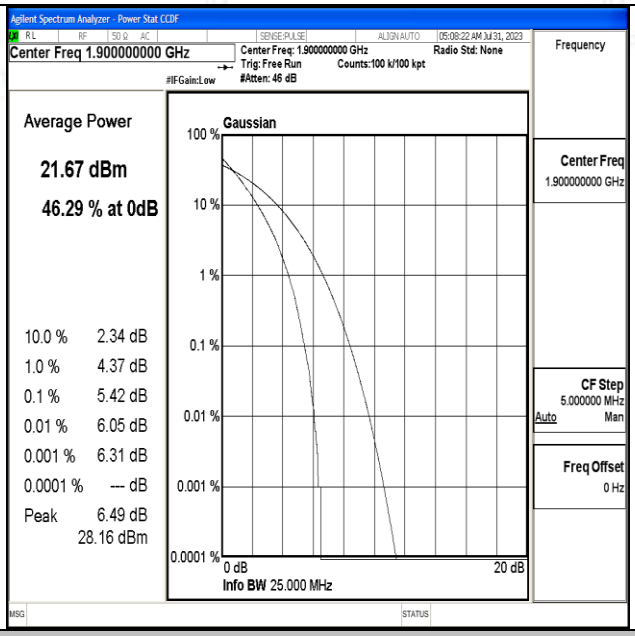
20MHz-18700



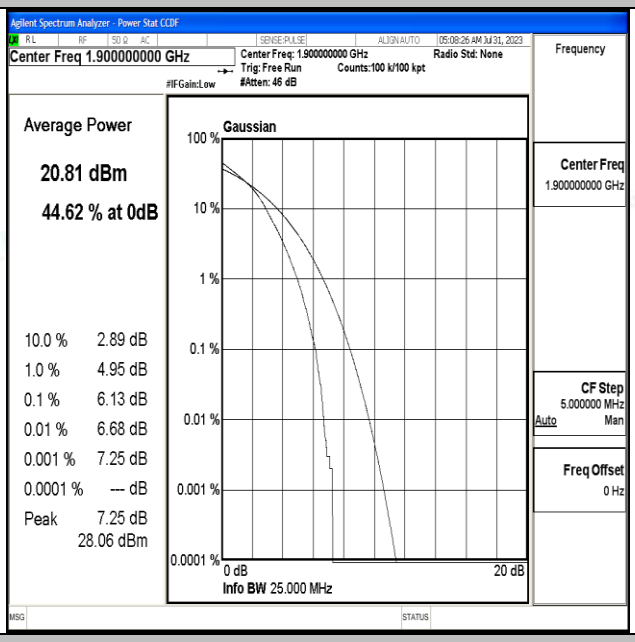
20MHz-18900



20MHz-18900



20MHz-19100



20MHz-19100

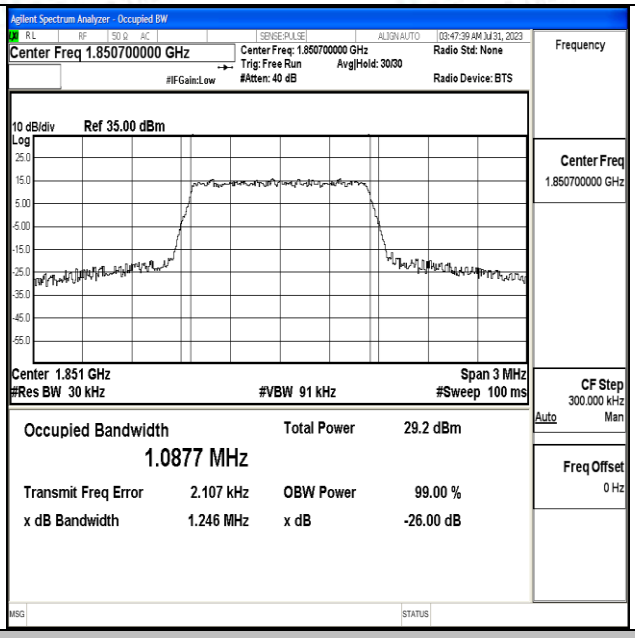
D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

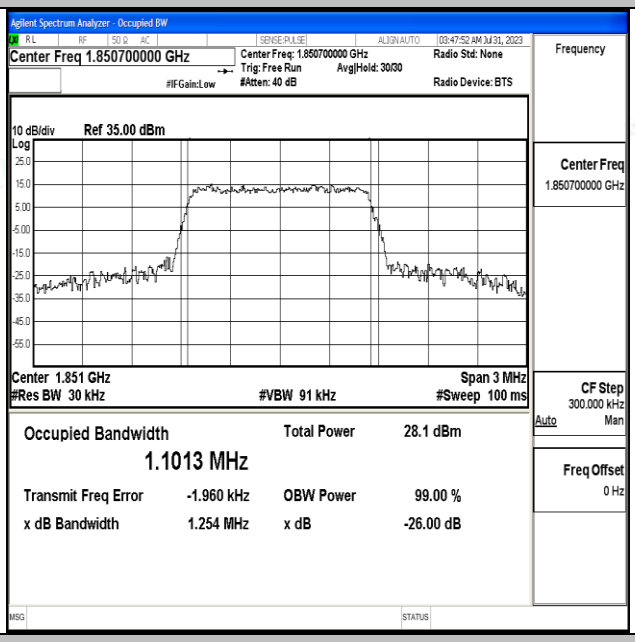
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0877	1.246	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1013	1.254	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0876	1.244	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1029	1.252	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0887	1.246	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1031	1.257	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7101	3.022	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6999	3.027	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7034	3.020	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7027	3.028	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7078	3.005	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7072	3.027	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5159	4.990	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5117	4.978	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5077	4.978	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5051	4.968	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5114	4.984	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5075	4.960	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9924	9.900	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0001	9.907	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9752	9.932	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9862	9.875	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9971	9.887	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9933	9.944	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.507	14.94	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.481	14.80	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.503	14.88	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.503	14.89	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.462	14.90	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.463	14.79	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.998	19.66	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.025	19.73	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.008	19.59	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.012	19.82	PASS

Band2	20MHz	QPSK	19100	100RB#0	18.000	19.76	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.984	19.77	PASS

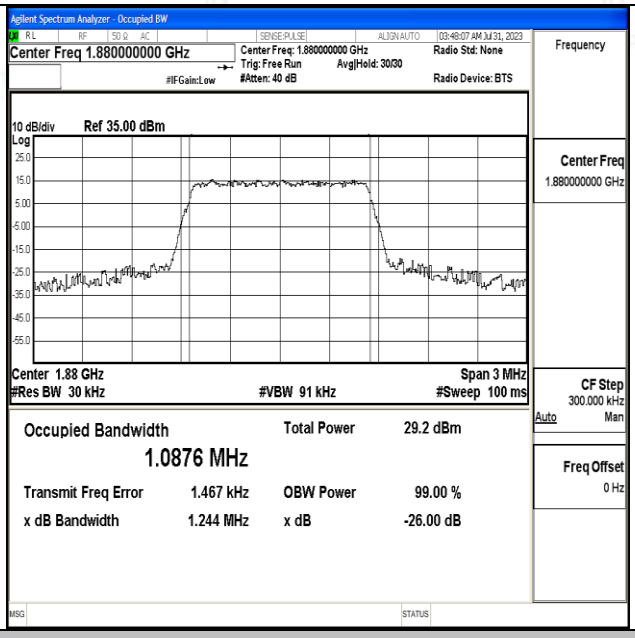
Test Graphs



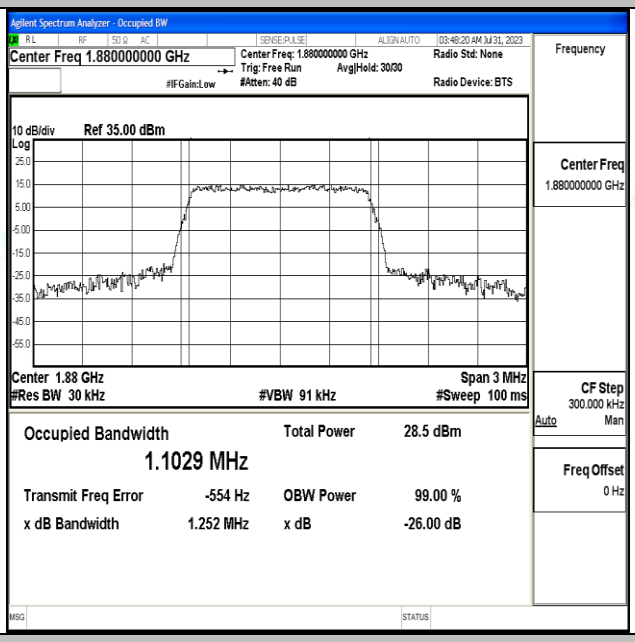
1.4MHz-18607



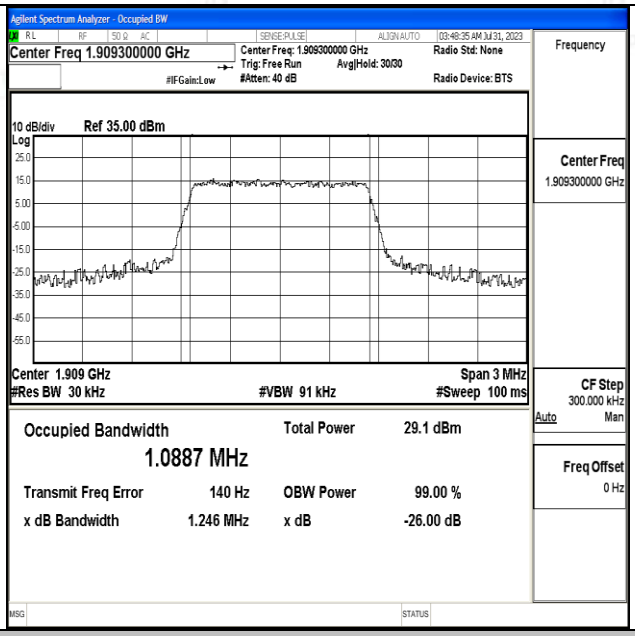
1.4MHz-18607



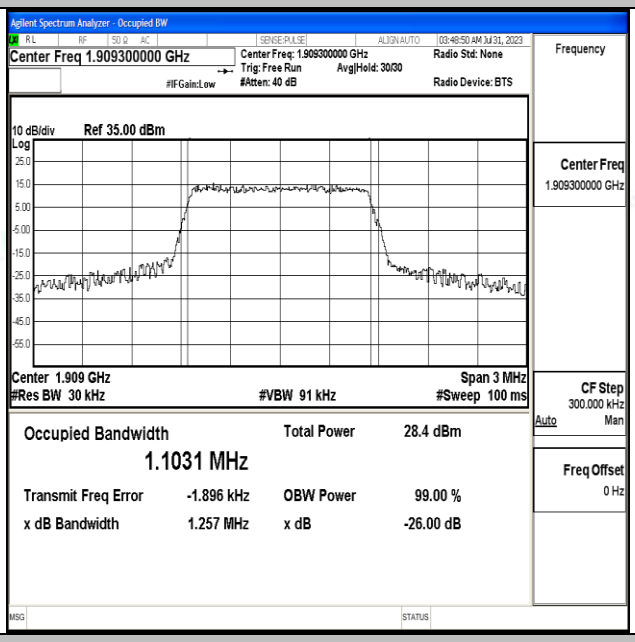
1.4MHz-18900



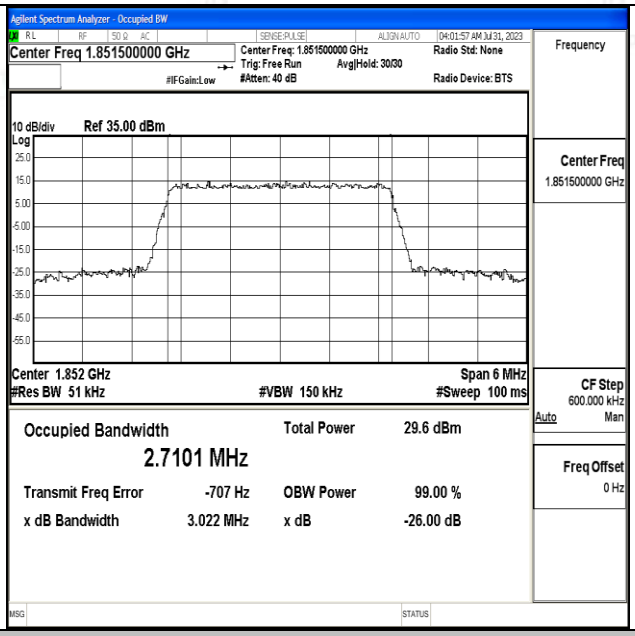
1.4MHz-18900



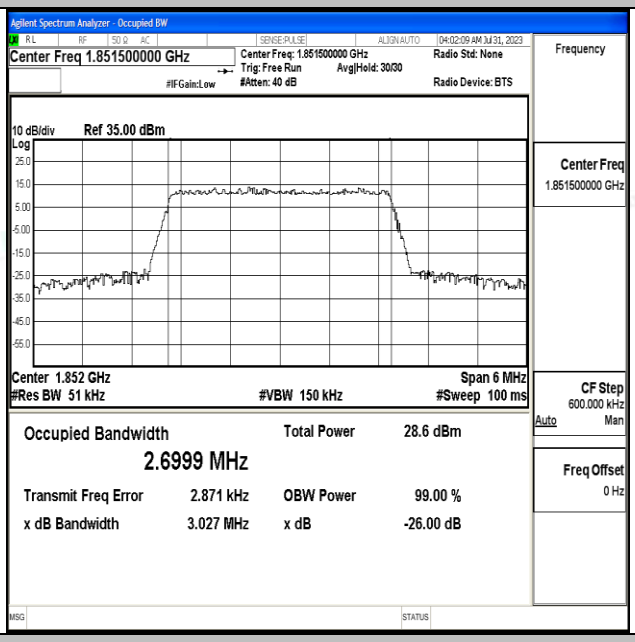
1.4MHz-19193



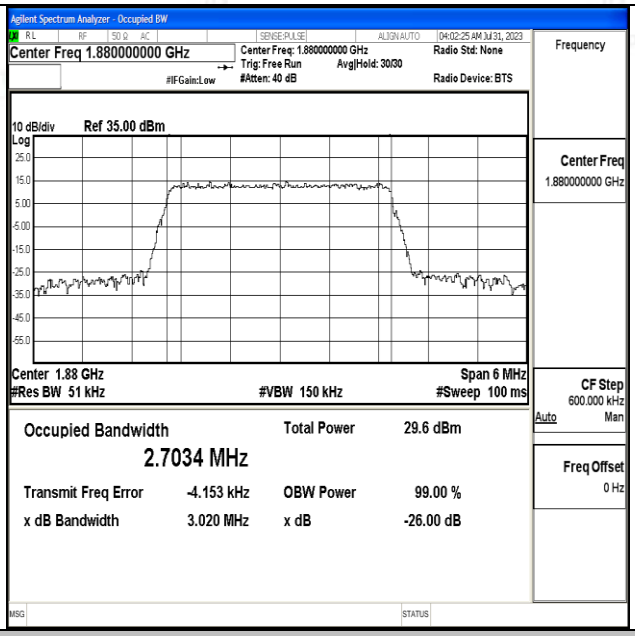
1.4MHz-19193



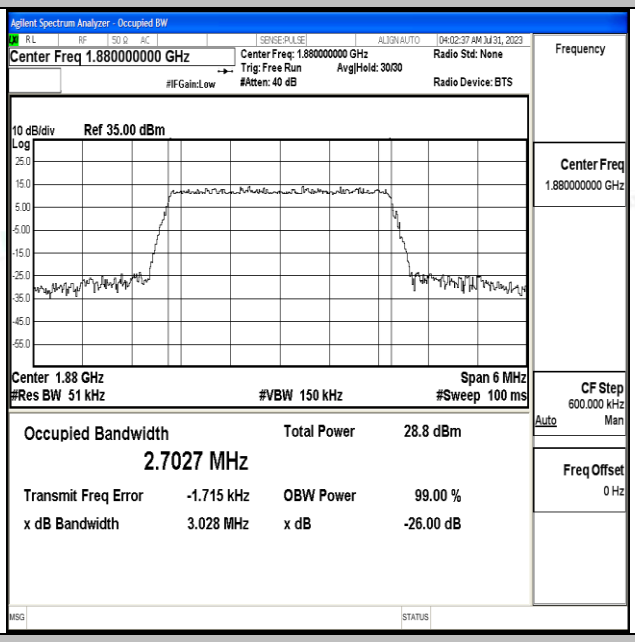
3MHz-18615



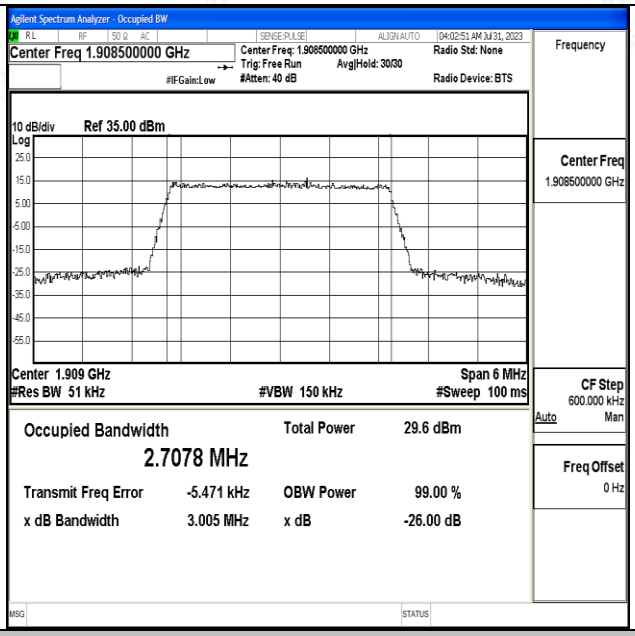
3MHz-18615



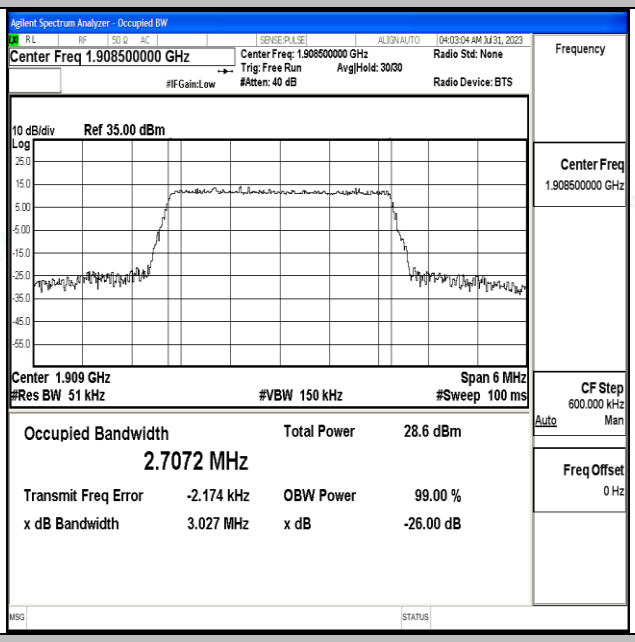
3MHz-18900



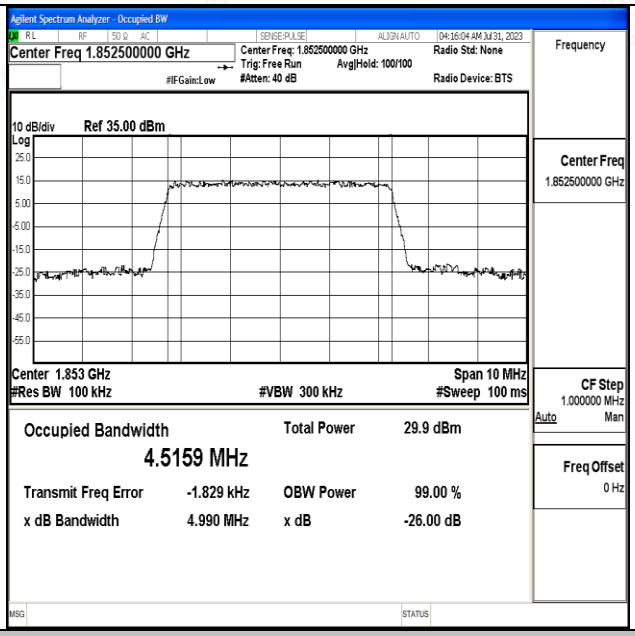
3MHz-18900



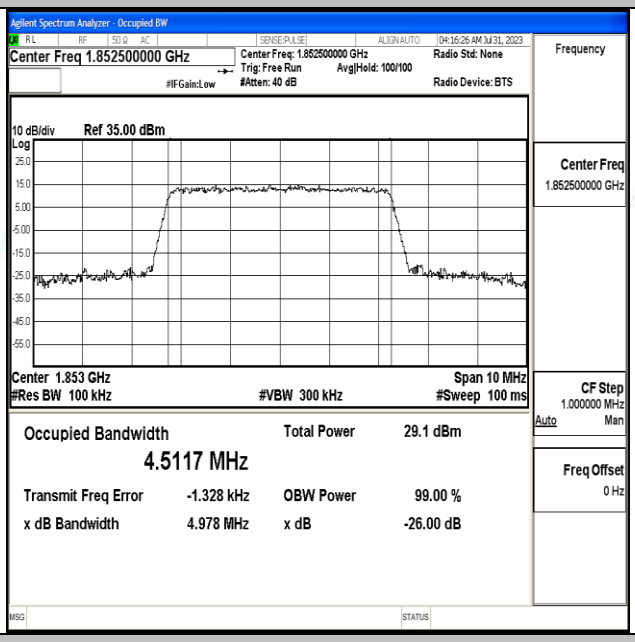
3MHz-19185



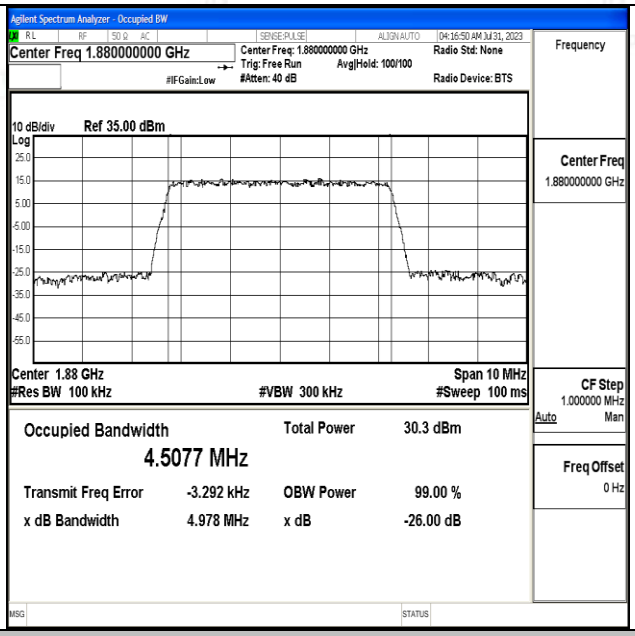
3MHz-19185



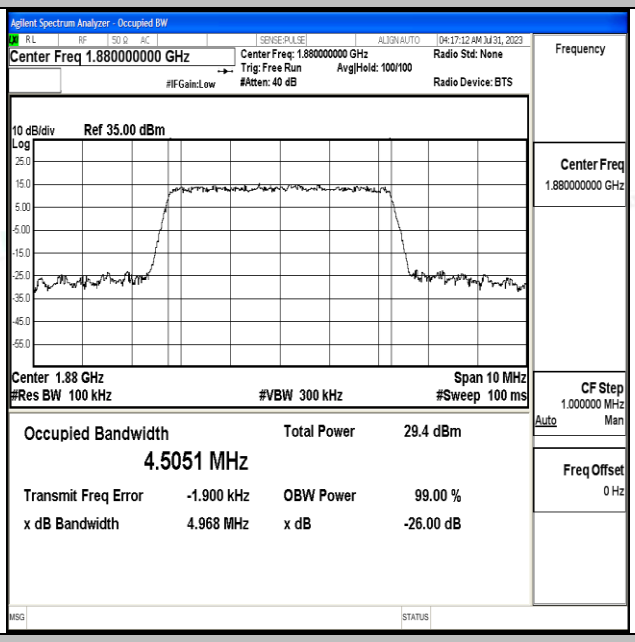
5MHz-18625



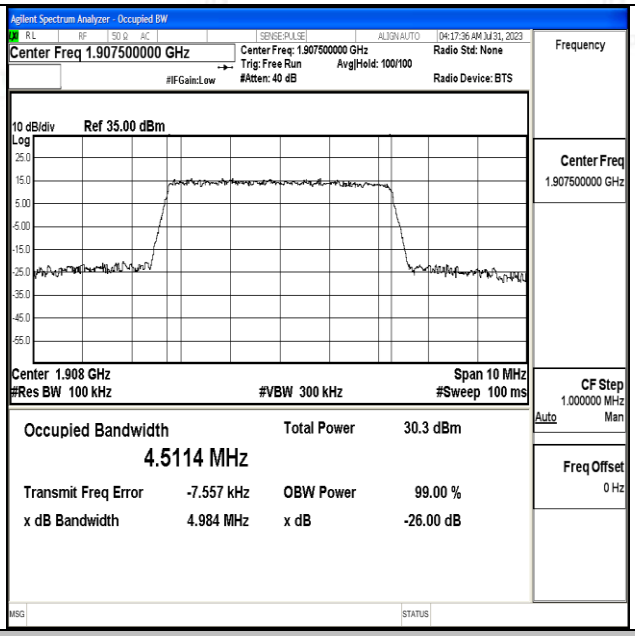
5MHz-18625



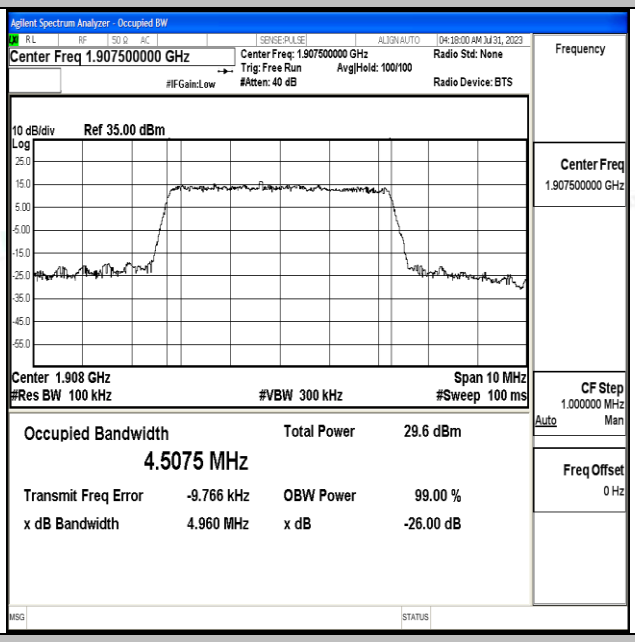
5MHz-18900



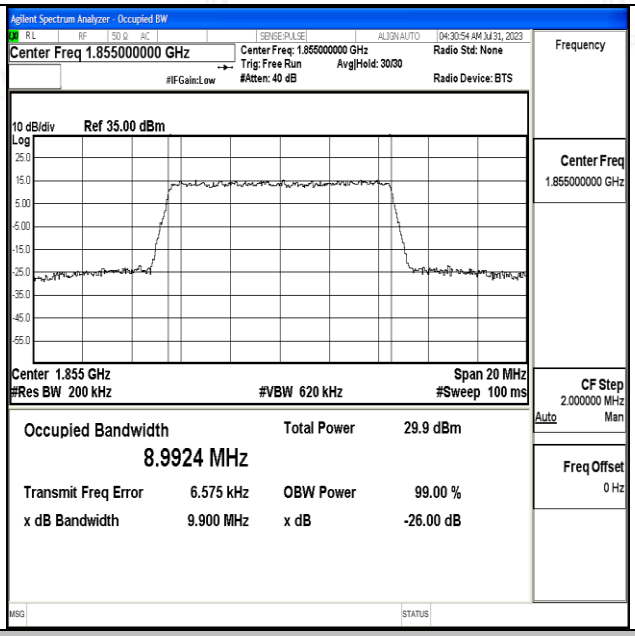
5MHz-18900



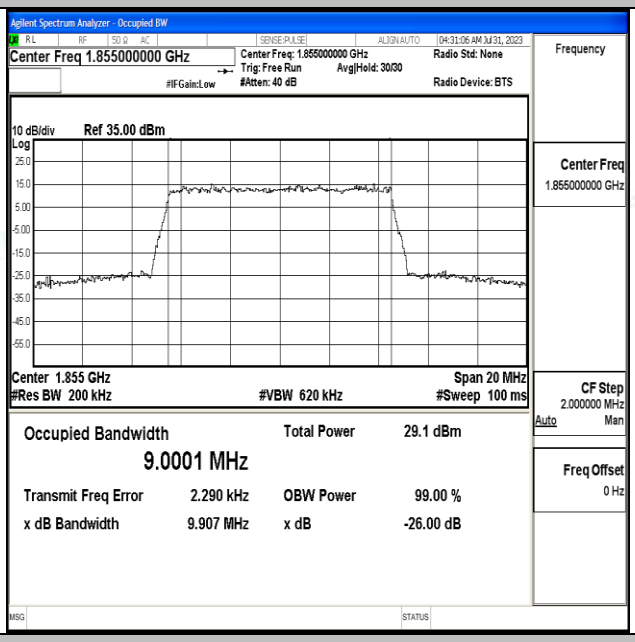
5MHz-19175



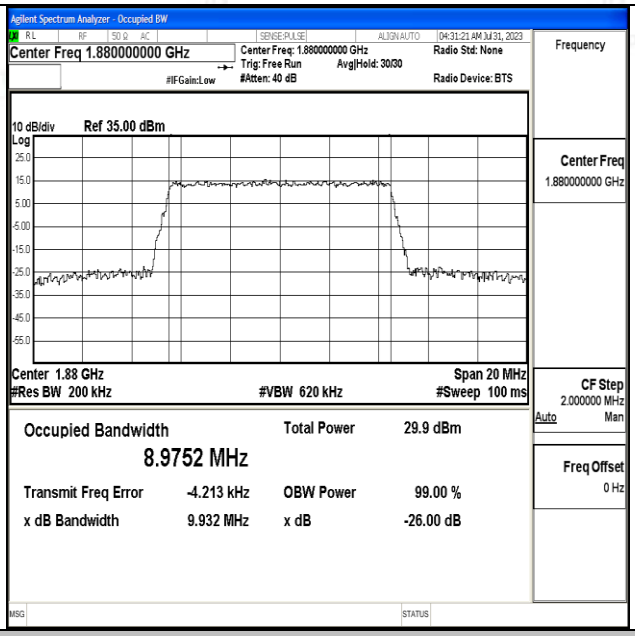
5MHz-19175



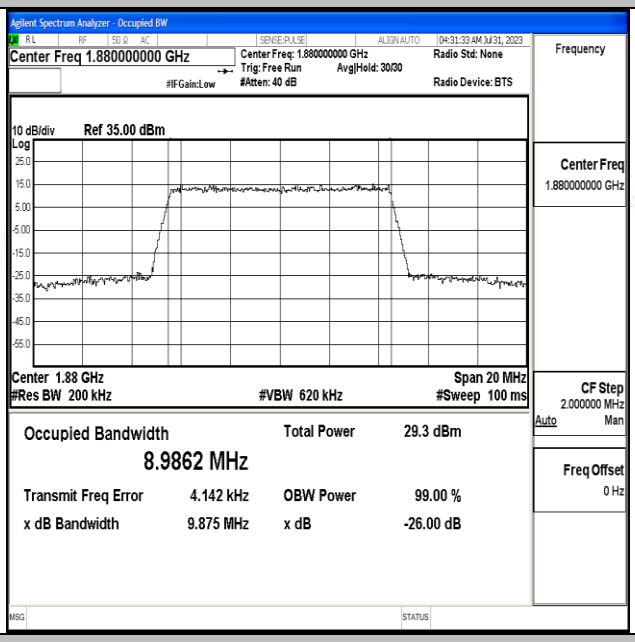
10MHz-18650



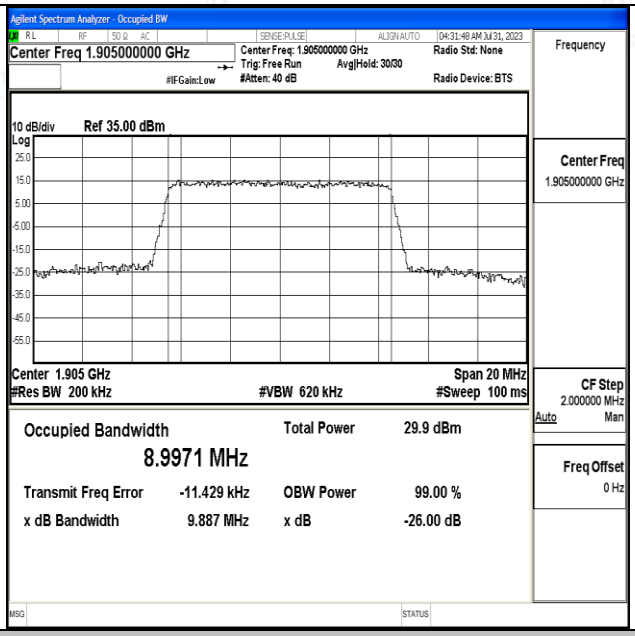
10MHz-18650



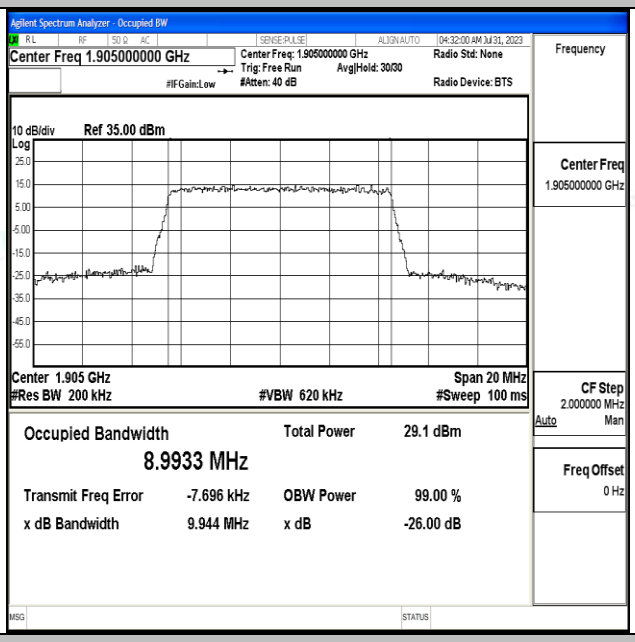
10MHz-18900



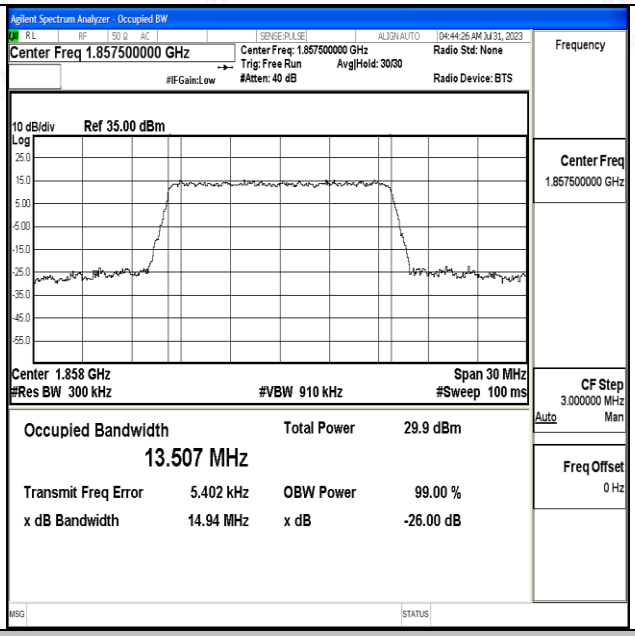
10MHz-18900



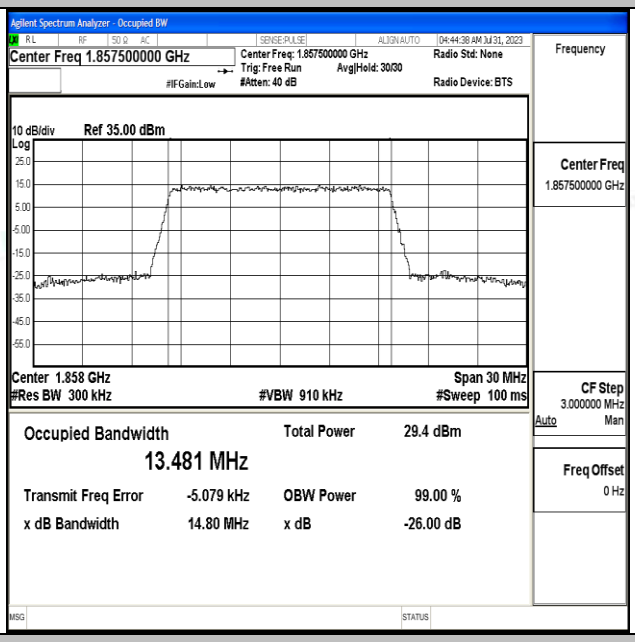
10MHz-19150



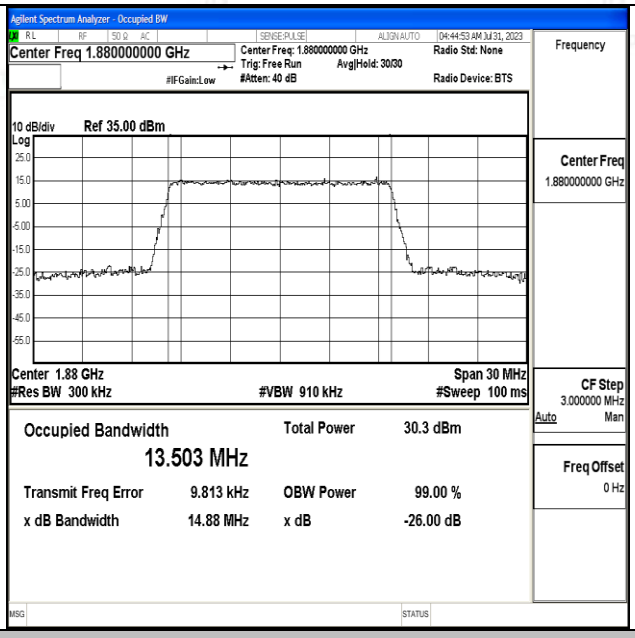
10MHz-19150



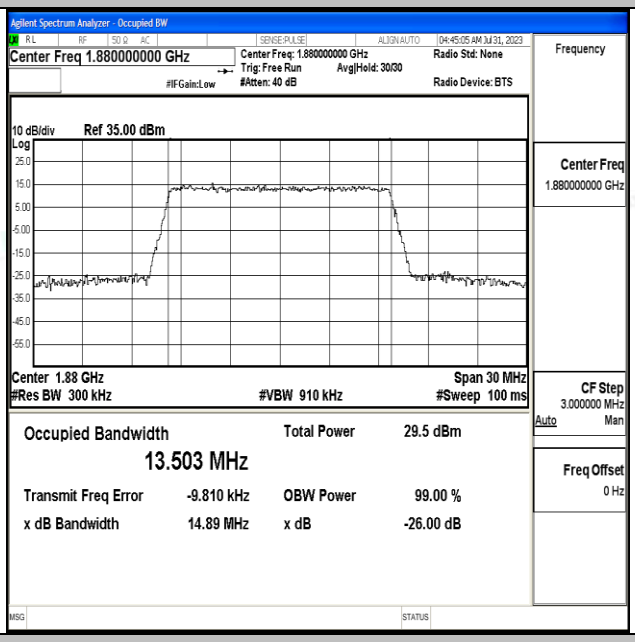
15MHz-18675



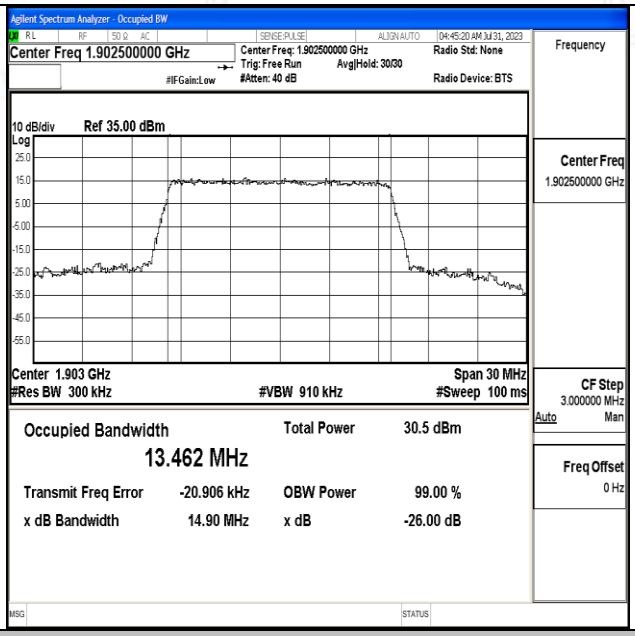
15MHz-18675



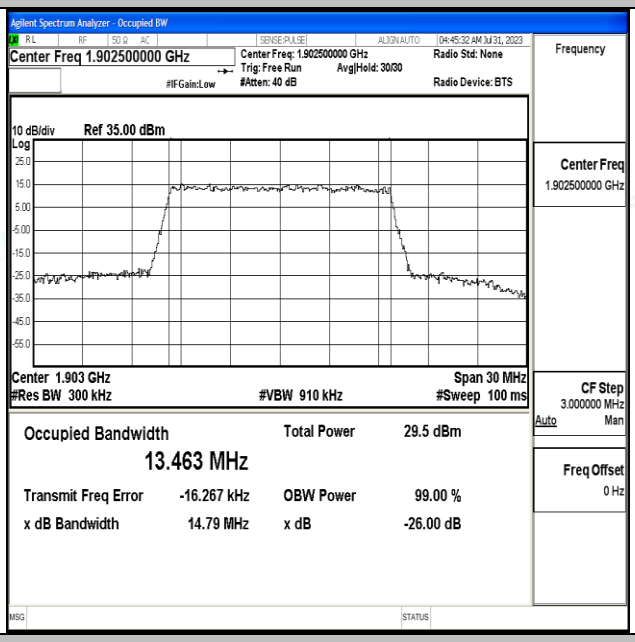
15MHz-18900



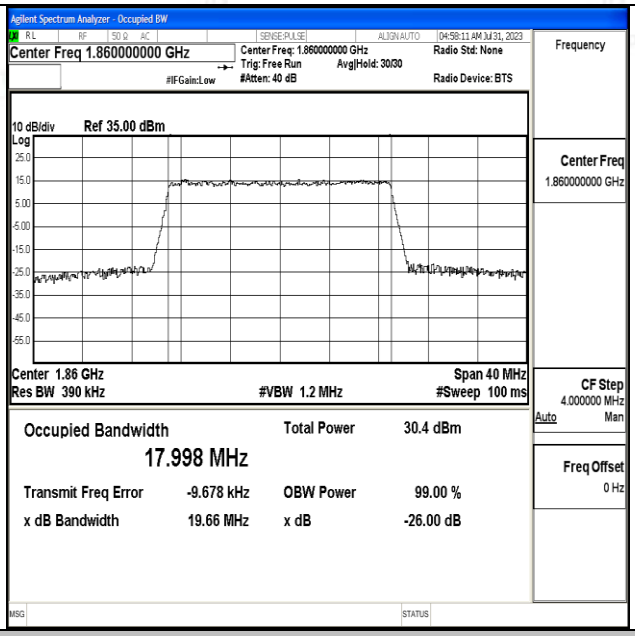
15MHz-18900



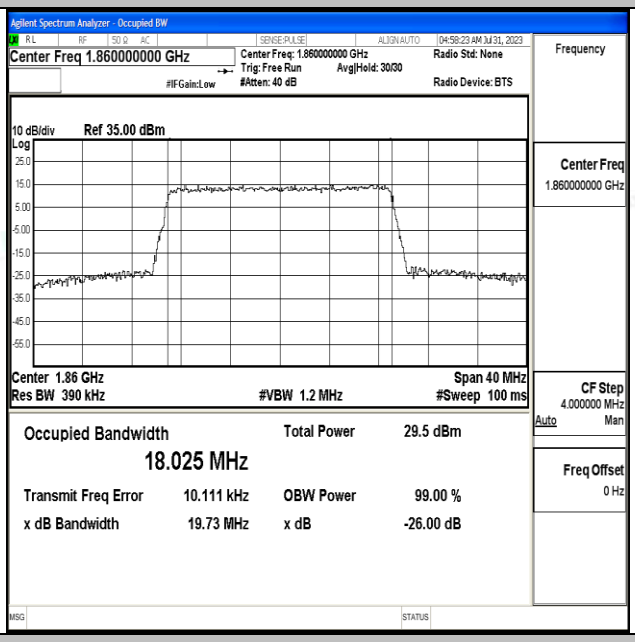
15MHz-19125



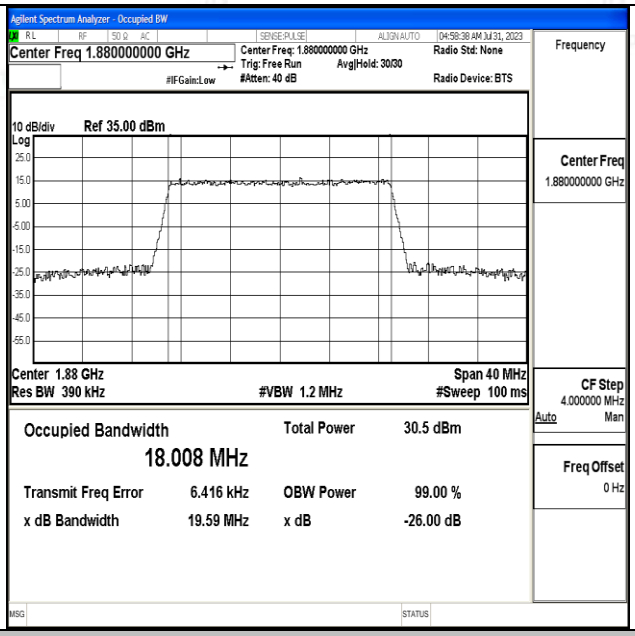
15MHz-19125



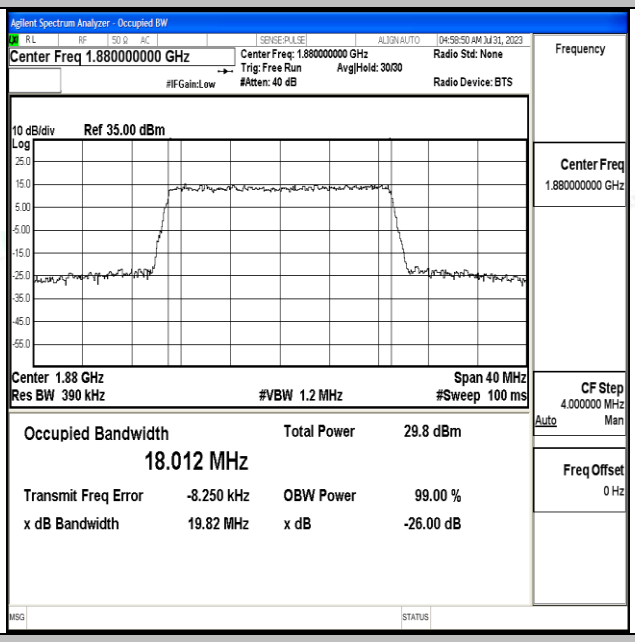
20MHz-18700



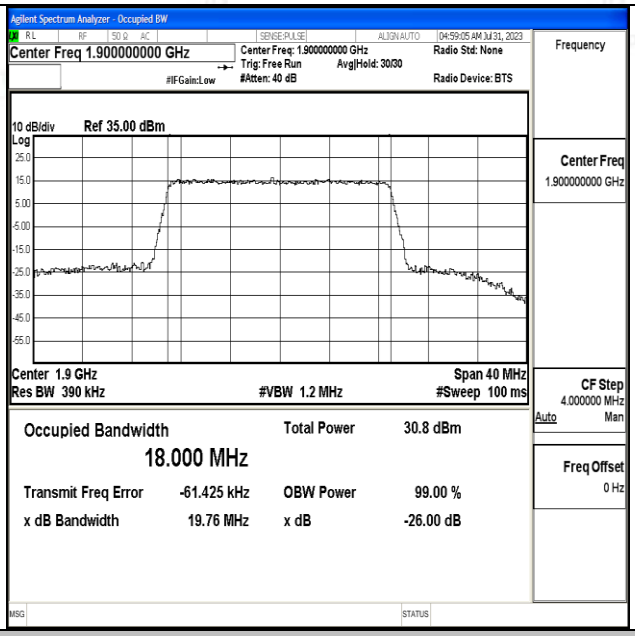
20MHz-18700



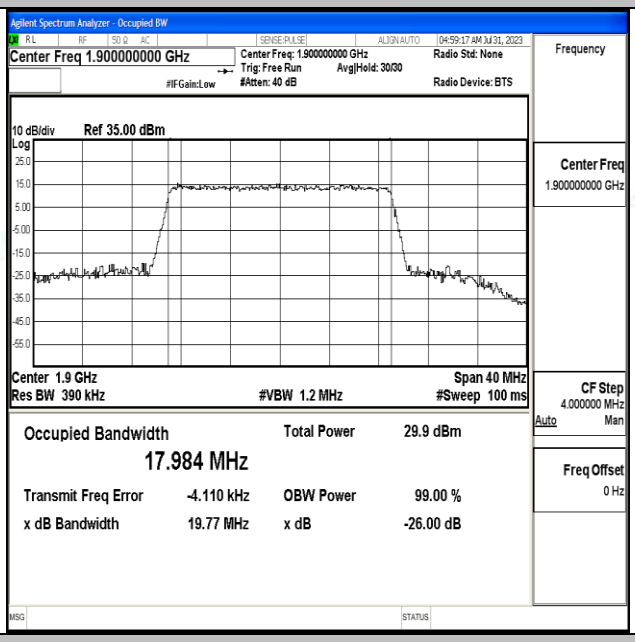
20MHz-18900



20MHz-18900



20MHz-19100



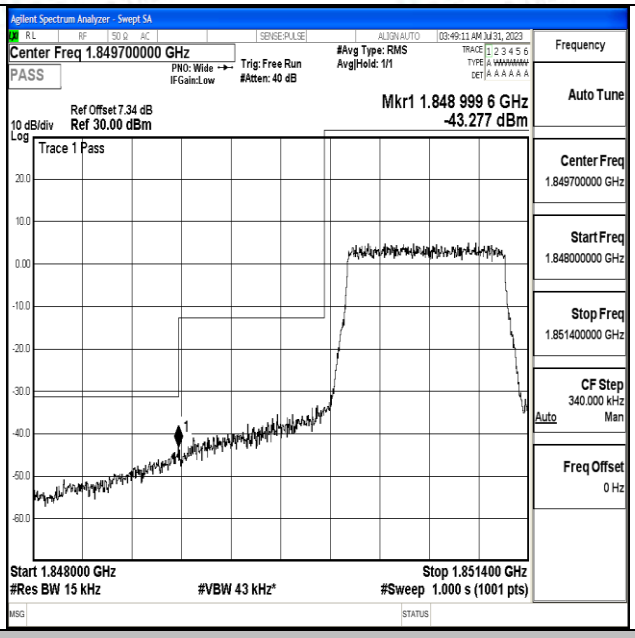
20MHz-19100

D.4 Band Edge

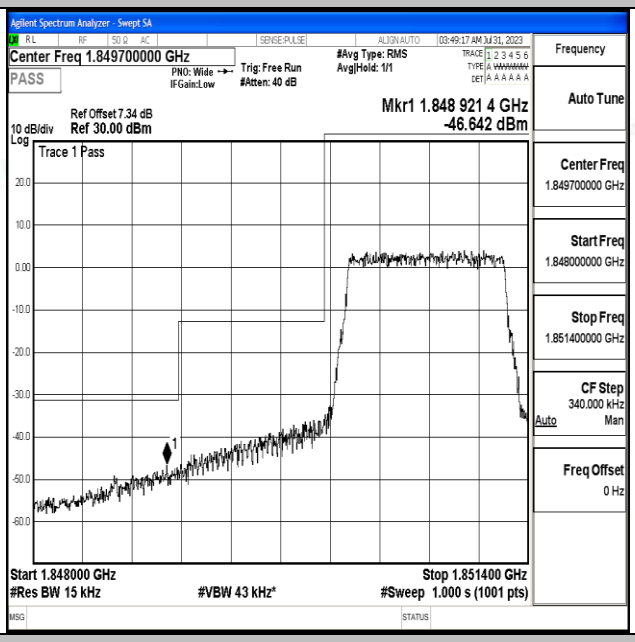
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1849.00	-43.28	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1848.92	-46.64	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.04	-43.94	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.00	-46.98	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.93	-38.55	PASS
Band2	3MHz	16QAM	18615	15RB#0	1848.98	-40.67	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.06	-39.75	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.07	-40.70	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.90	-39.18	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.99	-39.43	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.01	-39.74	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.01	-40.40	PASS
Band2	10MHz	QPSK	18650	50RB#0	1848.80	-38.91	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.94	-41.62	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.15	-38.91	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.04	-41.03	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.03	-38.55	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.00	-41.10	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.17	-38.52	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.27	-41.07	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.92	-40.72	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.37	-41.87	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.01	-40.35	PASS
Band2	20MHz	16QAM	19100	100RB#0	1911.08	-40.68	PASS

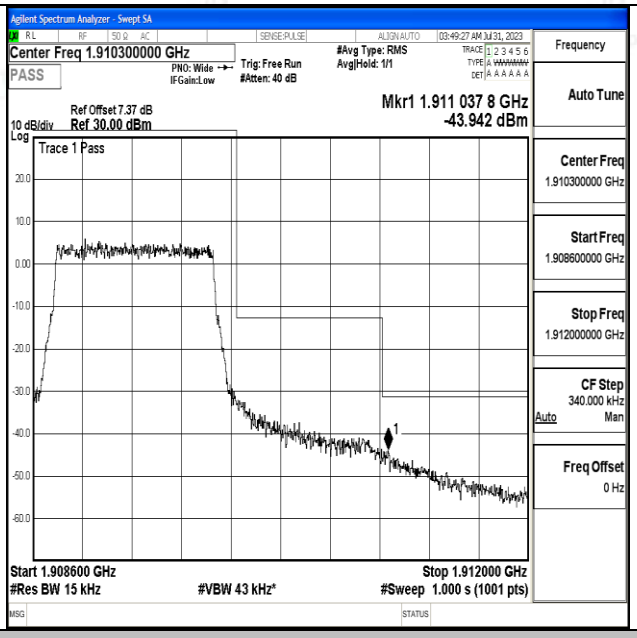
Test Graphs



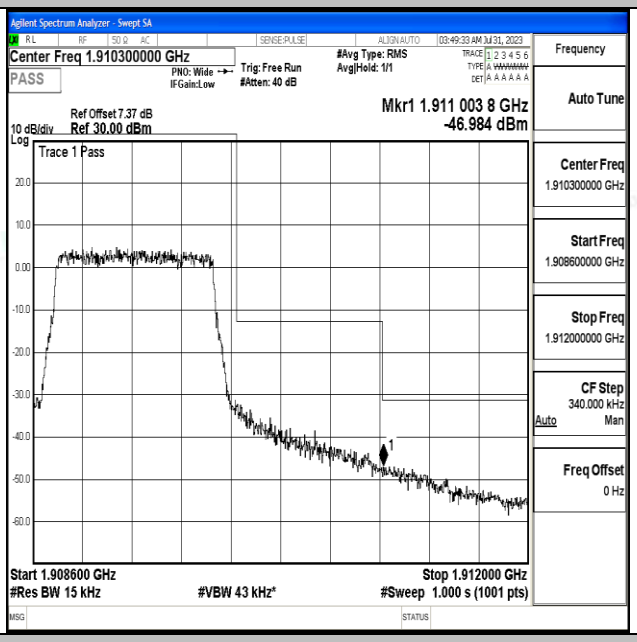
Band2_1.4MHz_QPSK_18607_6RB#0



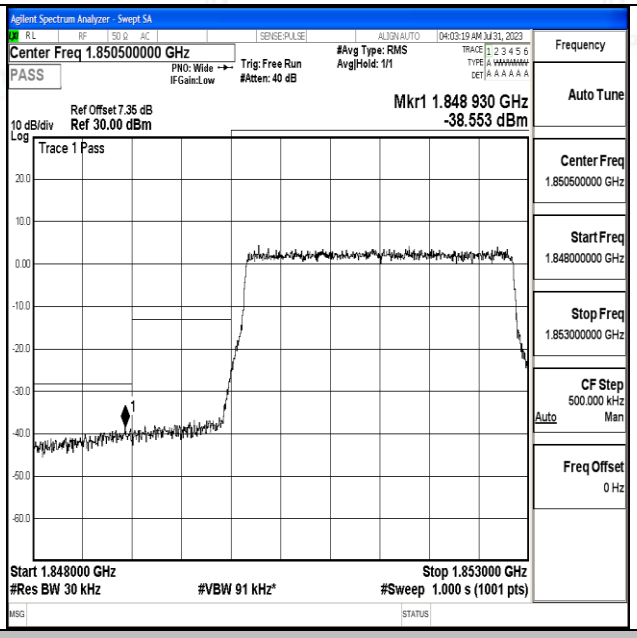
Band2_1.4MHz_16QAM_18607_6RB#0



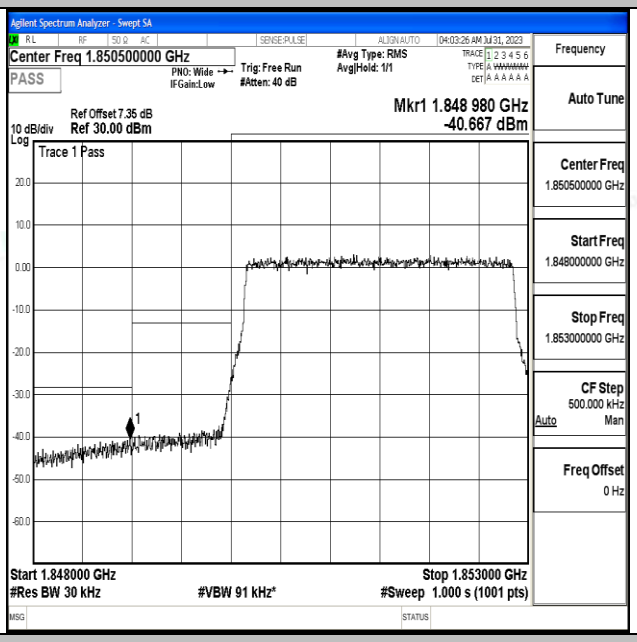
Band2_1.4MHz_QPSK_19193_6RB#0



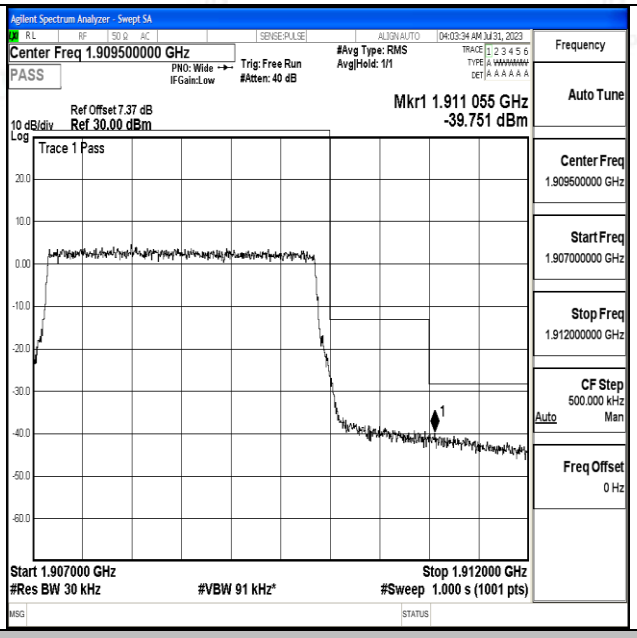
Band2_1.4MHz_16QAM_19193_6RB#0



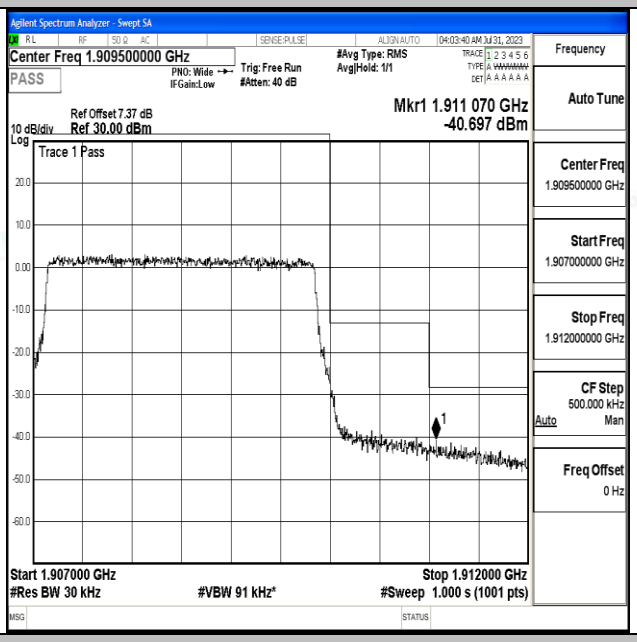
Band2_3MHz_QPSK_18615_15RB#0



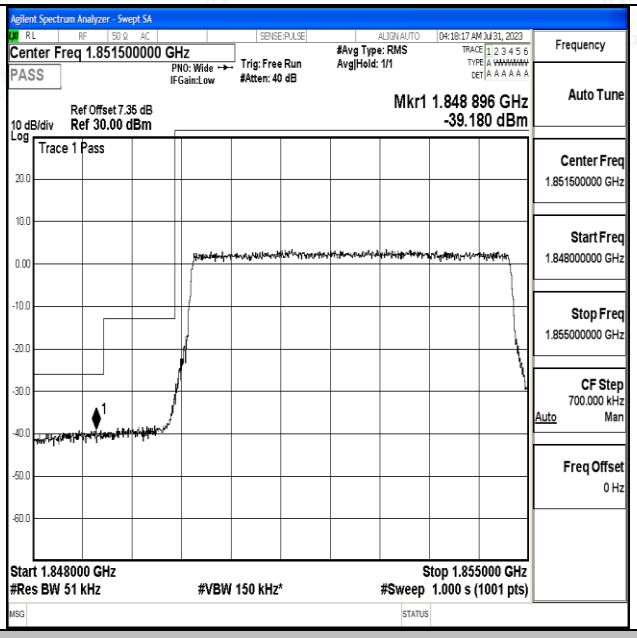
Band2_3MHz_16QAM_18615_15RB#0



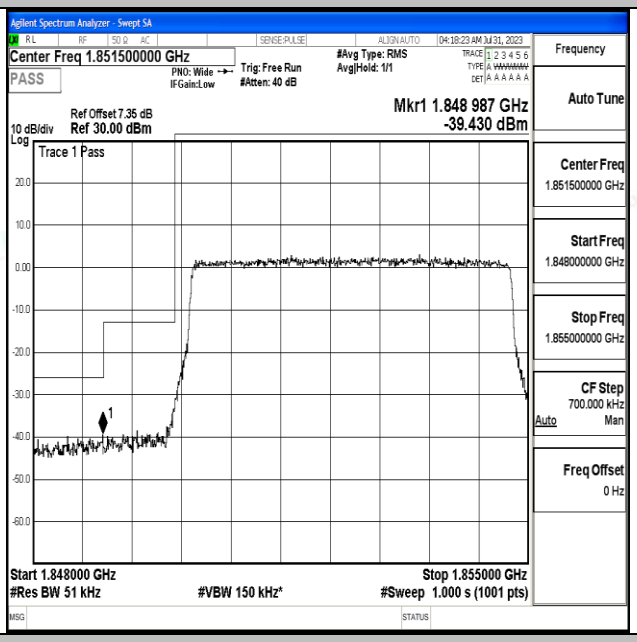
Band2_3MHz_QPSK_19185_15RB#0



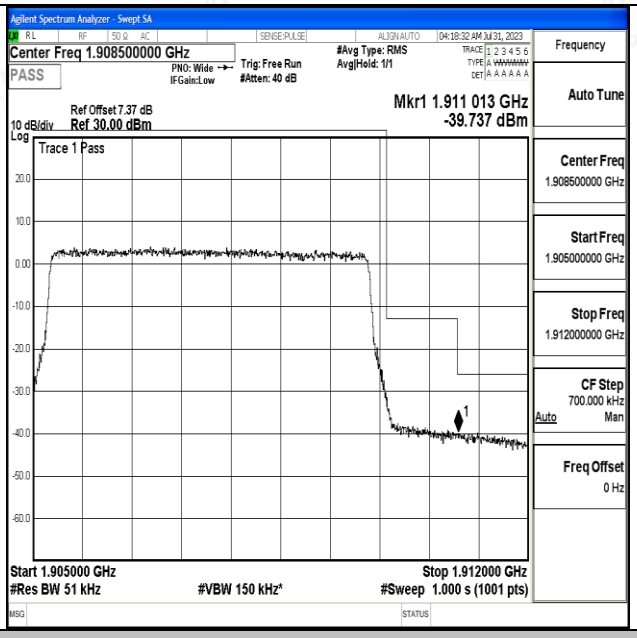
Band2_3MHz_16QAM_19185_15RB#0



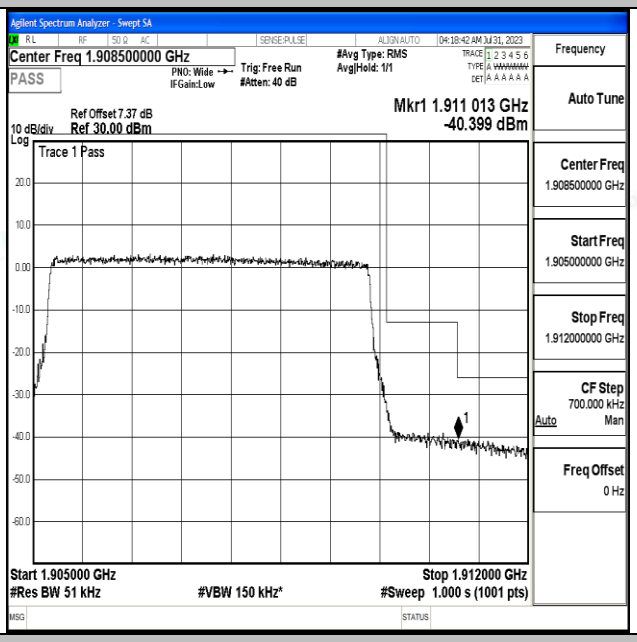
Band2_5MHz_QPSK_18625_25RB#0



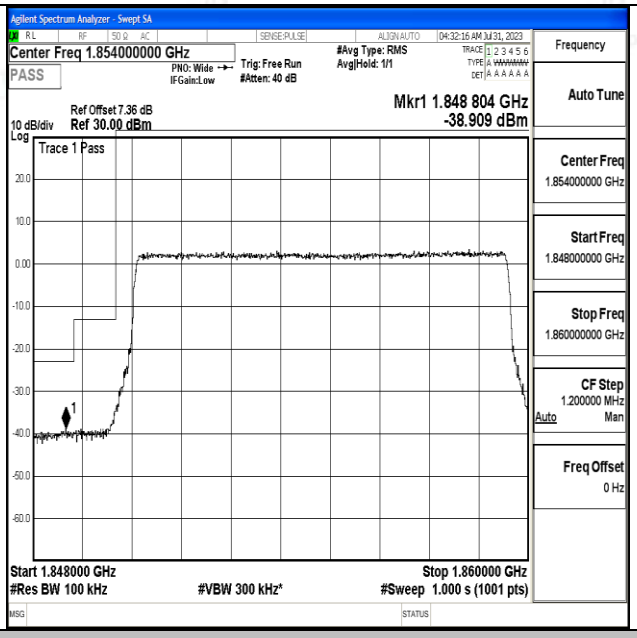
Band2_5MHz_16QAM_18625_25RB#0



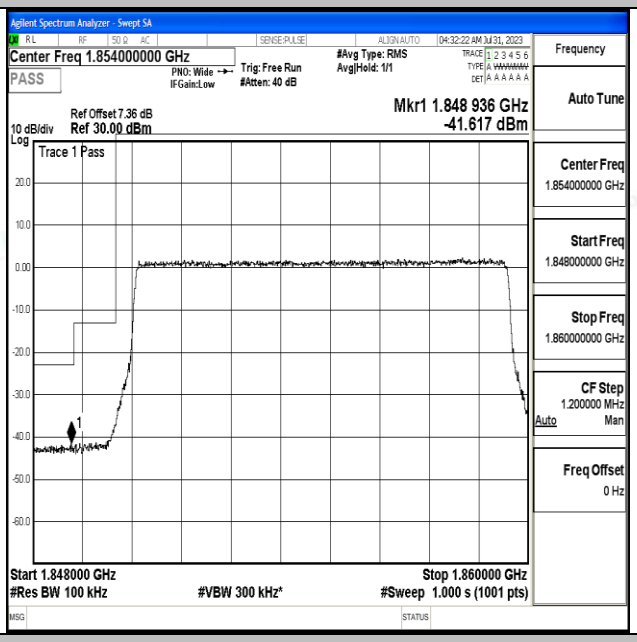
Band2_5MHz_QPSK_19175_25RB#0



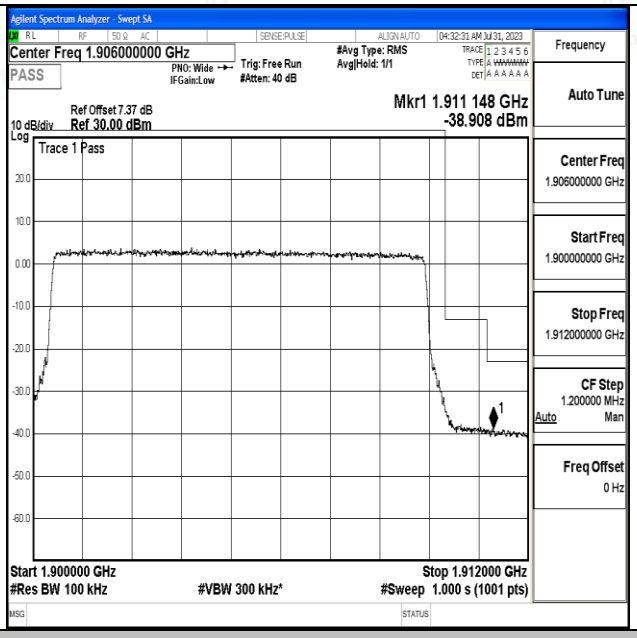
Band2_5MHz_16QAM_19175_25RB#0



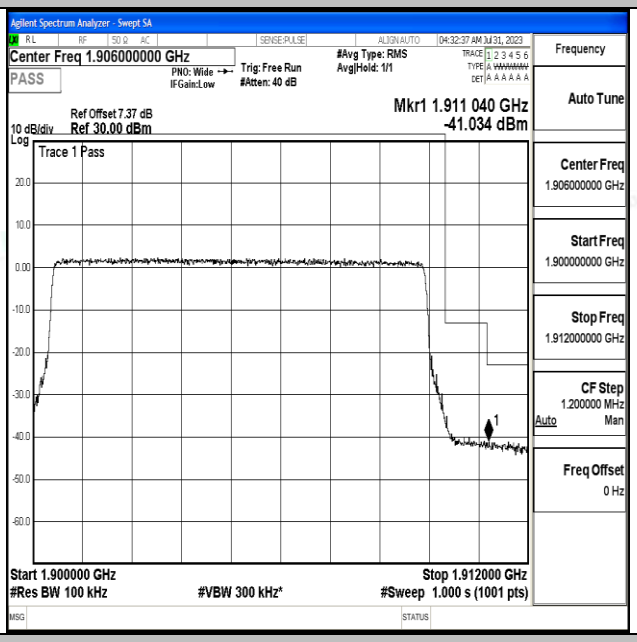
Band2_10MHz_QPSK_18650_50RB#0



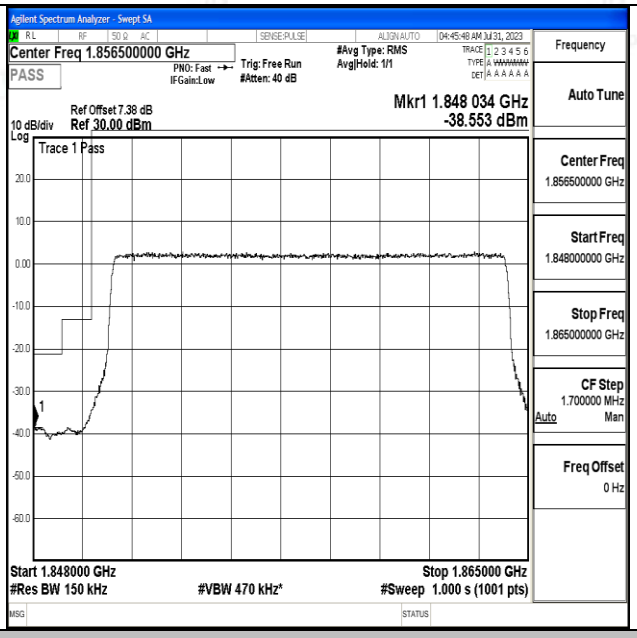
Band2_10MHz_16QAM_18650_50RB#0



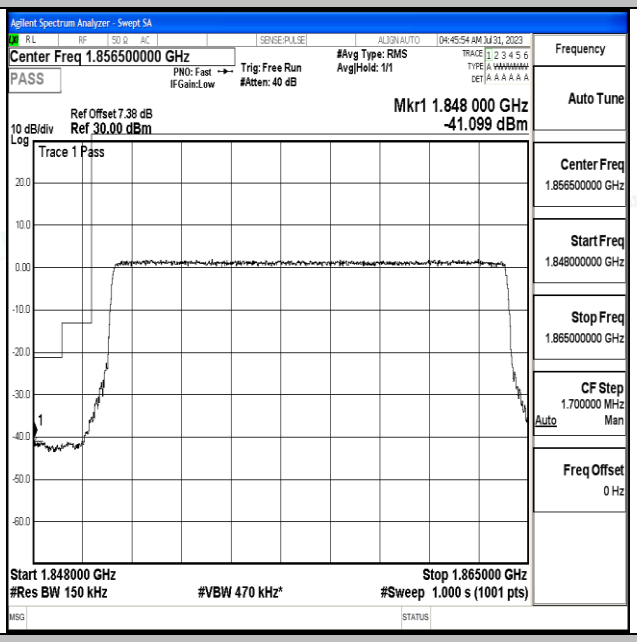
Band2_10MHz_QPSK_19150_50RB#0



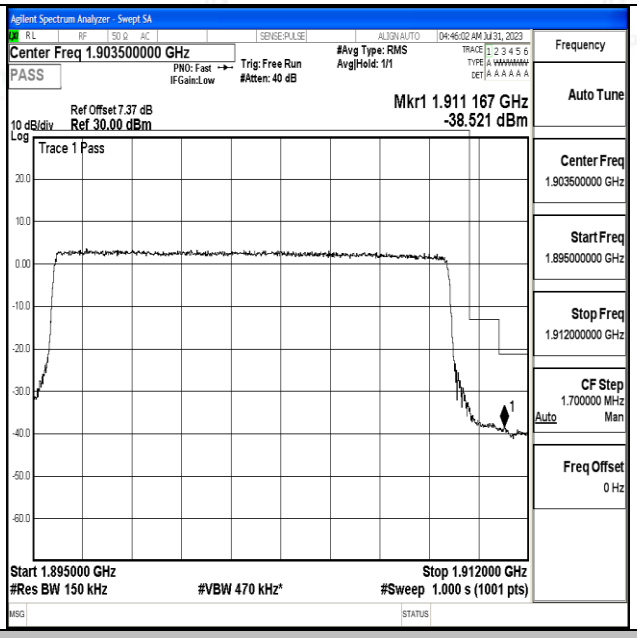
Band2_10MHz_16QAM_19150_50RB#0



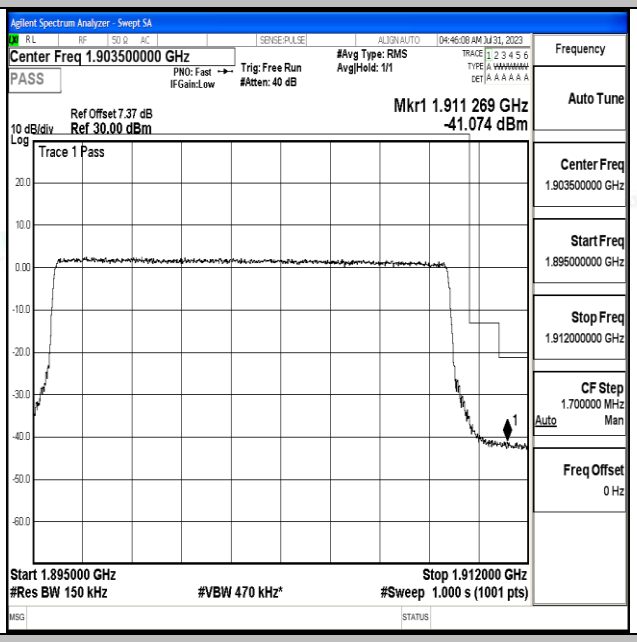
Band2_15MHz_QPSK_18675_75RB#0



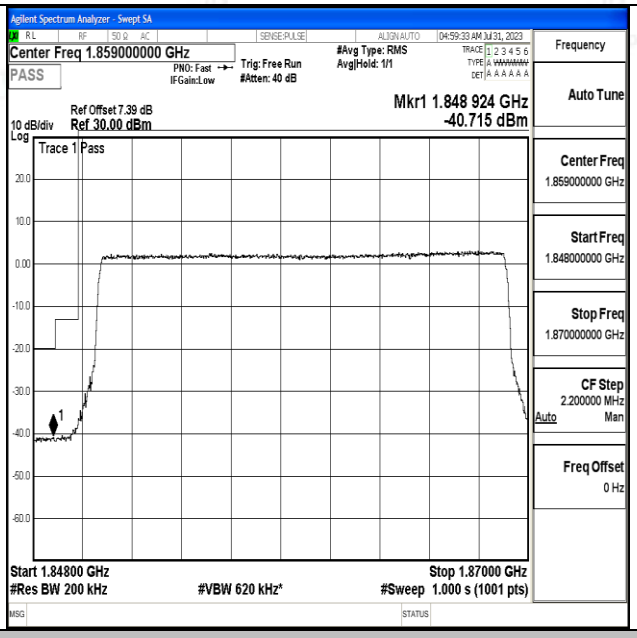
Band2_15MHz_16QAM_18675_75RB#0



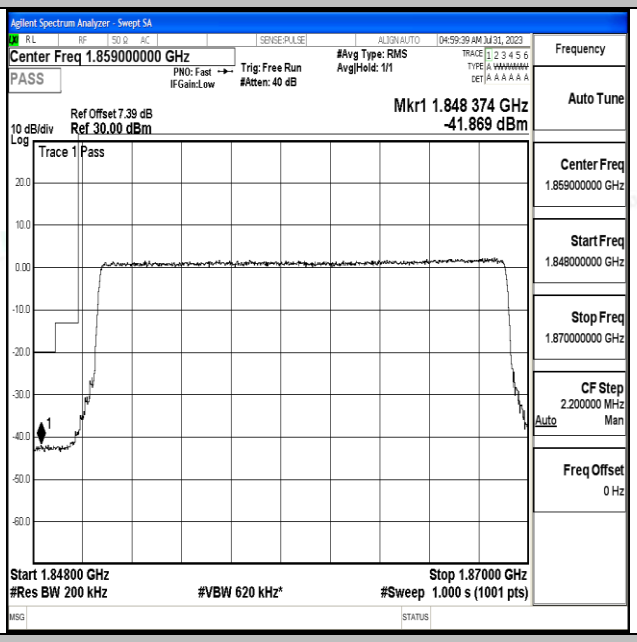
Band2_15MHz_QPSK_19125_75RB#0



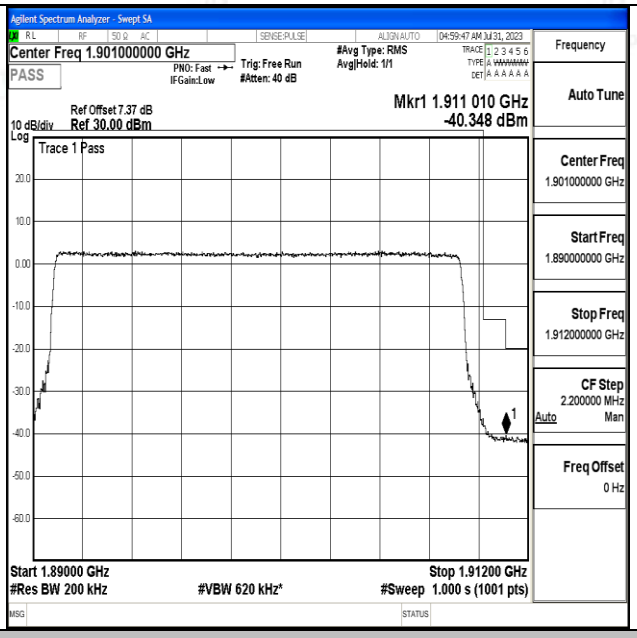
Band2_15MHz_16QAM_19125_75RB#0



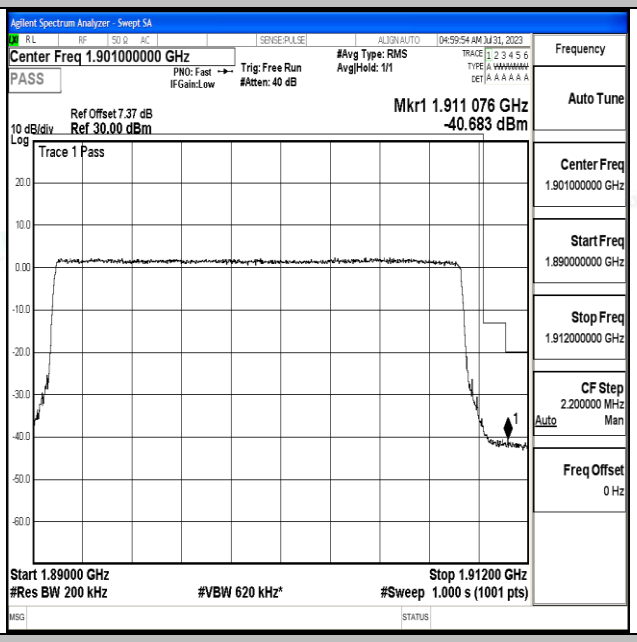
Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_16QAM_18700_100RB#0



Band2_20MHz_QPSK_19100_100RB#0



Band2_20MHz_16QAM_19100_100RB#0

D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-62.42	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-52.72	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-53.93	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-44.25	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-33.33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-62.71	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-53.48	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-53.75	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-43.25	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-33.22	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-63.13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-54.52	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-53.80	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-43.05	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.71	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-63.93	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-51.70	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-53.93	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-40.37	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-33.20	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-63.94	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-52.15	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-53.85	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-44.33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-33.45	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-63.68	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-53.18	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-53.84	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-43.34	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-33.01	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-62.54	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-53.93	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-53.89	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-46.32	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.21	PASS

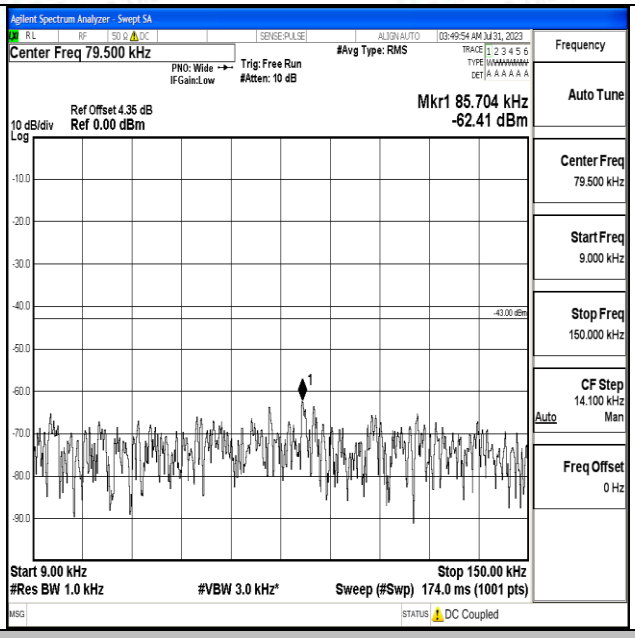
Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-61.34	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-53.66	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-53.88	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-46.74	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.17	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-62.87	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-53.79	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-53.80	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-45.89	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-33.51	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-63.10	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-51.85	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-53.79	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-47.44	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-33.48	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-62.21	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-50.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-53.85	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-45.83	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.52	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-63.42	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-53.31	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-53.89	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-46.21	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-33.26	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-61.65	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-52.01	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-53.91	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-47.79	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-33.26	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-64.67	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-51.67	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-53.98	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-48.13	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.30	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-63.48	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-54.12	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-53.88	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-47.89	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-33.20	PASS

Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-63.40	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-53.47	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-53.85	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-47.95	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-32.92	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-62.38	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-53.57	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-53.92	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-47.77	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-33.25	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-64.83	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-54.29	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-53.92	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-47.84	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-33.40	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-62.13	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-53.57	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-53.83	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-47.85	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-32.88	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-62.78	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-53.82	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-53.87	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-47.85	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-33.40	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-62.85	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-53.03	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-53.91	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-48.07	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-33.30	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-63.23	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-55.33	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-53.94	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-47.87	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-33.43	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-63.59	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-53.44	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-53.85	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-47.96	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.47	PASS

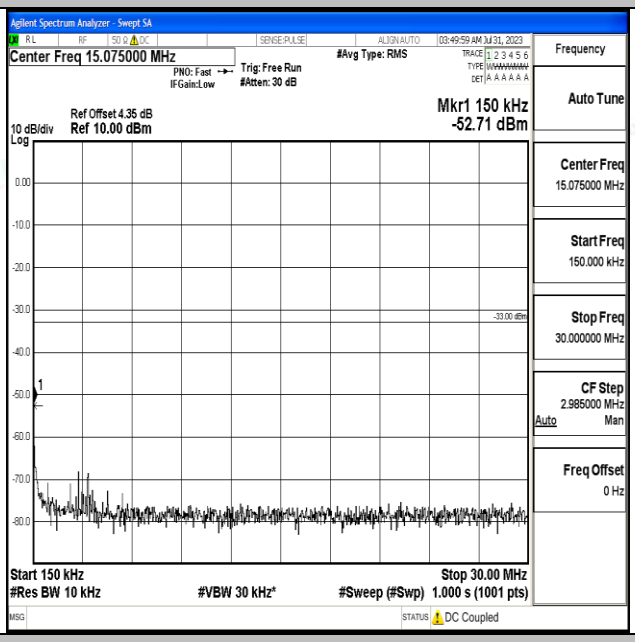
Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-63.38	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-52.98	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-53.78	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.73	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-32.98	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-62.88	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-54.20	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-53.98	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-46.88	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-33.42	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-64.04	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-53.63	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-53.80	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-47.46	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.67	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-62.47	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-52.36	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-53.93	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-48.06	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-33.42	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-63.52	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-54.49	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-53.92	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-48.11	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-32.87	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-63.87	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-54.15	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-53.92	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-47.45	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.27	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-61.95	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-53.92	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-53.99	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-48.02	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-33.14	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-63.65	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-52.92	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-53.84	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-42.97	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.40	PASS

Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-63.73	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-54.29	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-53.93	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-43.08	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-32.97	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-63.41	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-52.53	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-53.81	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-48.19	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-33.06	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-65.24	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-53.56	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-53.73	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-48.08	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-32.62	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-61.72	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-53.31	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-53.86	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-48.10	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-32.91	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-62.26	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-54.24	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-53.95	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-47.94	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-32.79	PASS

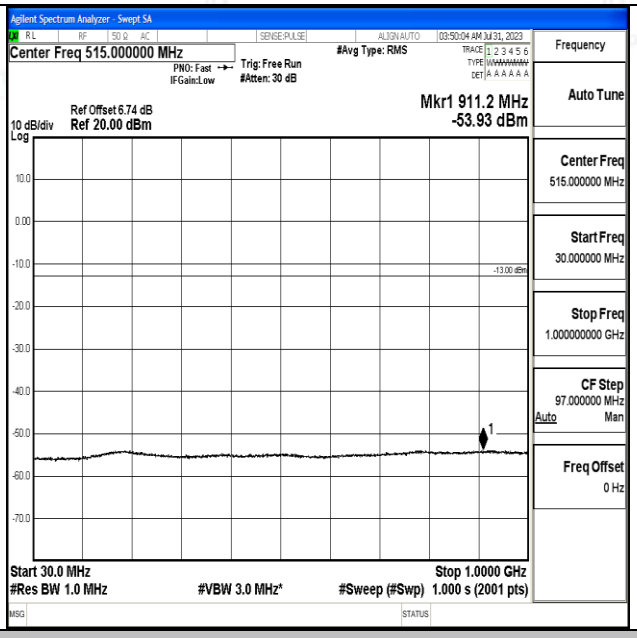
Test Graphs



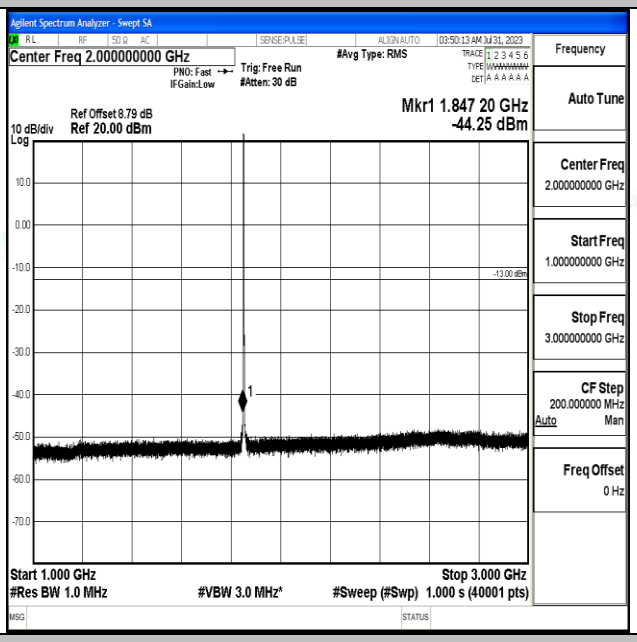
Band2_1.4MHz_QPSK_18607_1RB#0_0.009~0.15_0.009~0.15



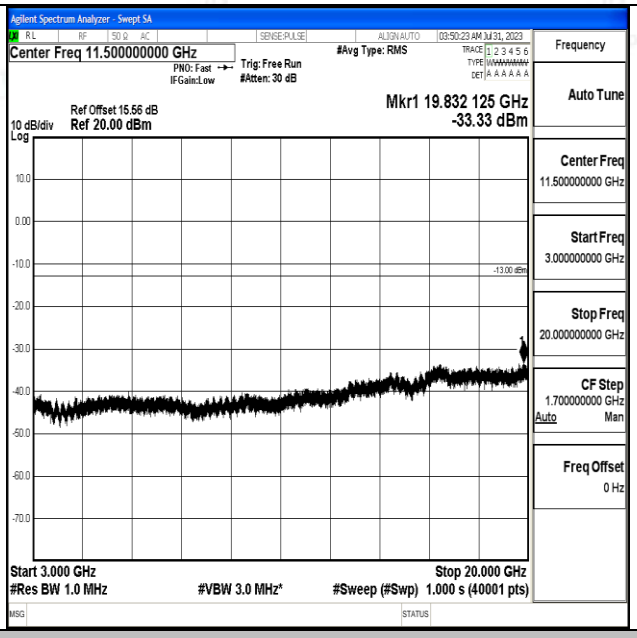
Band2_1.4MHz_QPSK_18607_1RB#0_0.15~30_0.15~30



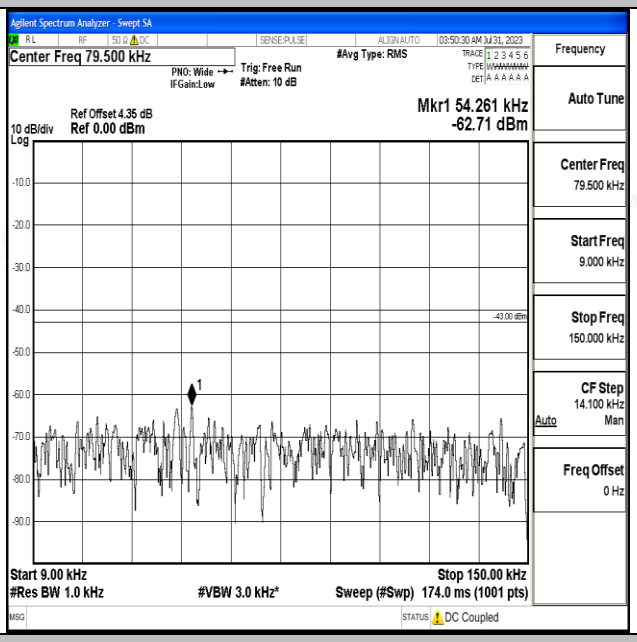
Band2_1.4MHz_QPSK_18607_1RB#0_30~1000_30~1000



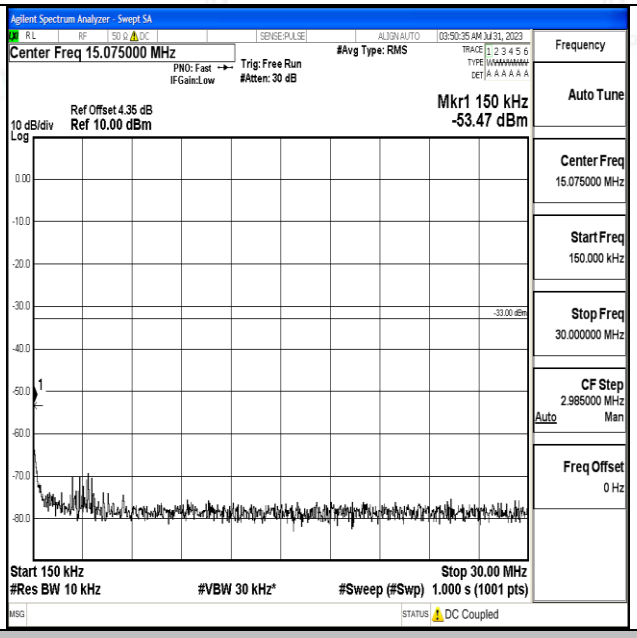
Band2_1.4MHz_QPSK_18607_1RB#0_1000~3000_1000~3000



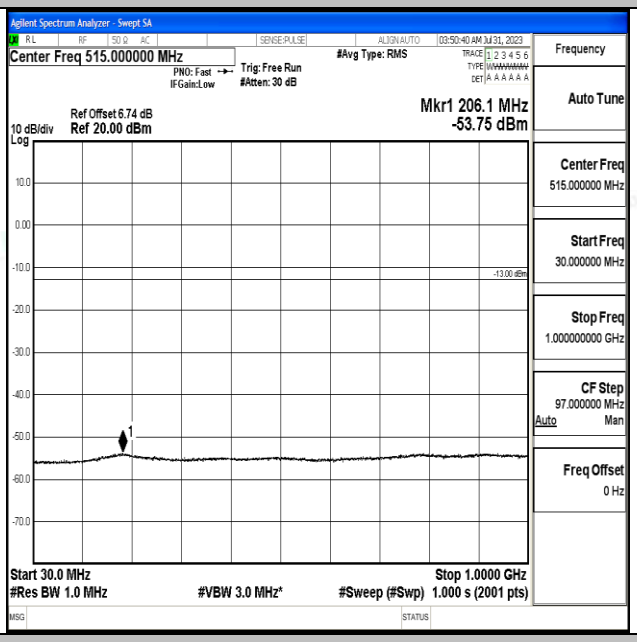
Band2_1.4MHz_QPSK_18607_1RB#0_3000~20000_3000~20000



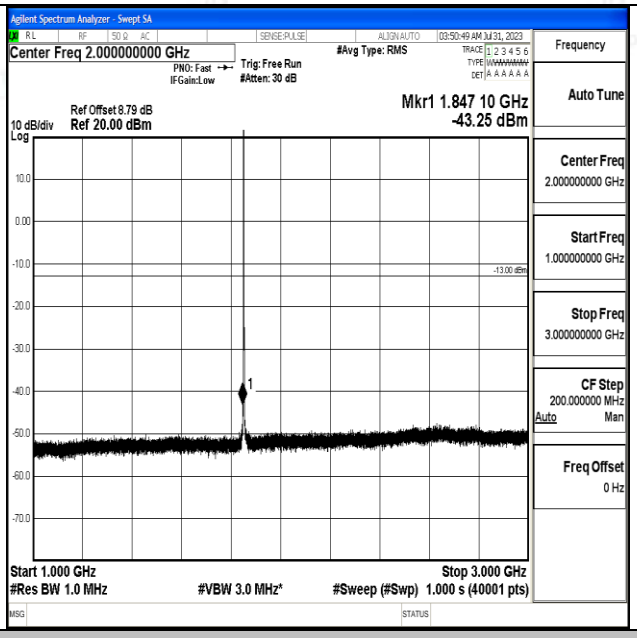
Band2_1.4MHz_16QAM_18607_1RB#0_0.009~0.15_0.009~0.15



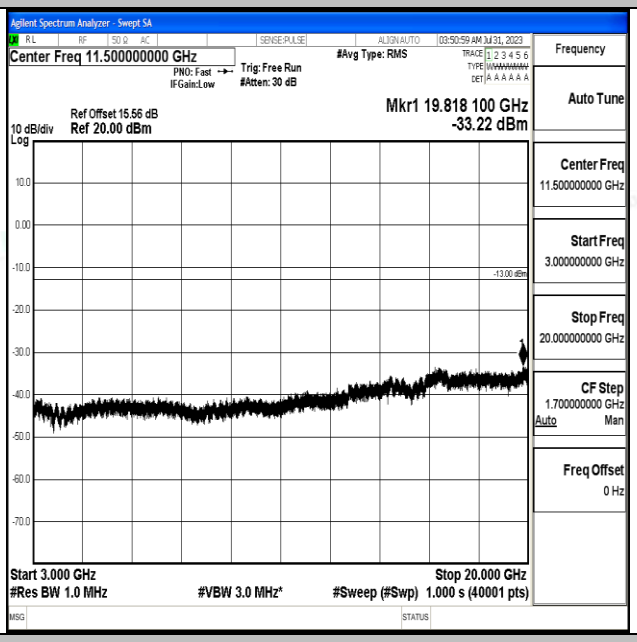
Band2_1.4MHz_16QAM_18607_1RB#0_0.15~30_0.15~30



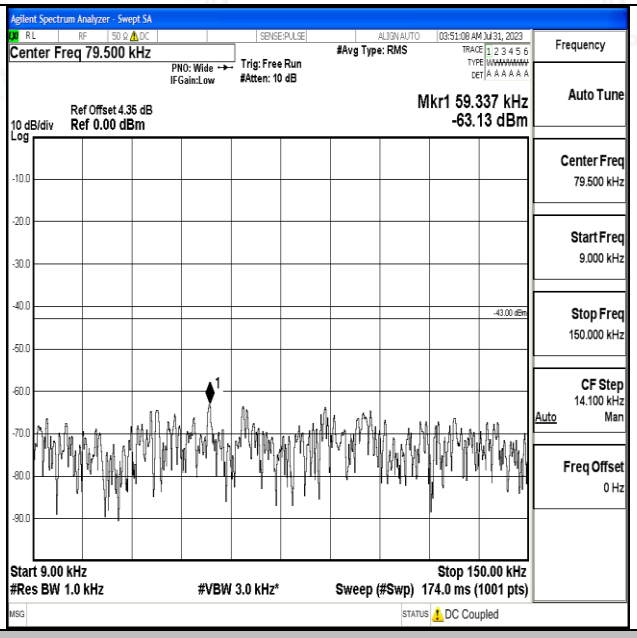
Band2_1.4MHz_16QAM_18607_1RB#0_30~1000_30~1000



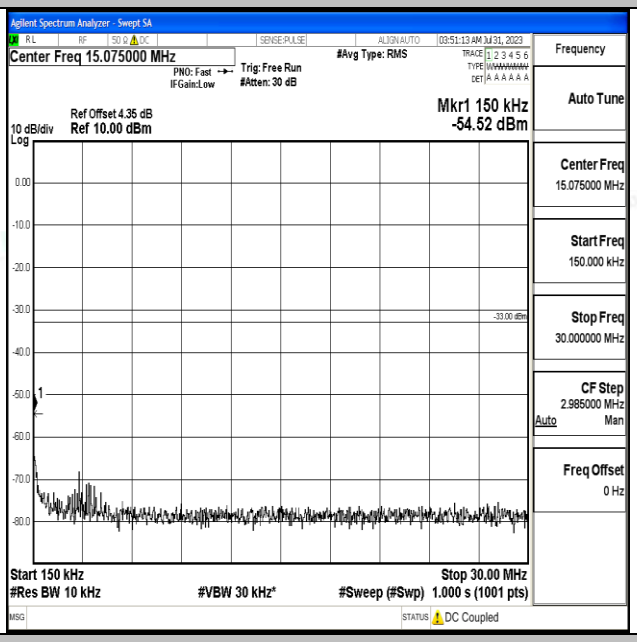
Band2_1.4MHz_16QAM_18607_1RB#0_1000~3000_1000~3000



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



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



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