Appendix F: Test Data for E-UTRA Band 2

Product Name: Smartphone

Test Model: 65PA1-1

Environmental Conditions

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

F.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.23	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.97	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.32	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.02	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.92	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.36	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.21	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.18	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.36	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.11	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.28	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.32	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.54	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.84	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.51	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.83	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.54	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.86	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.51	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.16	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.46	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.11	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.41	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.47	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.68	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.23	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.58	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.15	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.34	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.93	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.31	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.17	PASS

Band2	1.4MHz	QPSK	19193	3RB#1	23.29	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.15	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.29	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.18	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.34	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.40	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.25	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.40	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.30	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.17	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.21	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.34	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.42	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.35	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.51	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.21	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.47	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.23	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.31	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.36	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.38	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.38	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.19	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.20	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.44	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.52	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.44	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.54	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.51	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.58	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.36	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.51	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.18	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.26	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.17	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.24	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.24	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.24	PASS

Band2	3MHz	QPSK	19185	8RB#0	22.30	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.70	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.31	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.57	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.30	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.56	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.30	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.28	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.66	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.20	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.64	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.20	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.56	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.28	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.36	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.28	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.36	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.22	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.21	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.19	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.43	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.49	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.75	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.43	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.78	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.48	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.83	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.38	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.47	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.38	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.47	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.48	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.46	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.38	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.58	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.49	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.31	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.40	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.28	PASS

Band2	5MHz	QPSK	19175	1RB#24	23.26	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.39	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.38	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.42	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.44	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.34	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.40	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.32	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.24	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.15	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.08	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.08	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.16	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	21.29	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.31	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.29	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.24	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.25	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.17	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.25	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.34	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.31	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.36	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.24	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.41	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.27	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.42	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.43	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.49	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.43	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.40	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.56	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.49	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.54	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.52	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.16	PASS

Band2	10MHz	QPSK	19150	1RB#24	23.44	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.06	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.36	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.42	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.66	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.44	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.70	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.41	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.56	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.52	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.56	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.29	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.41	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.22	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.28	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.21	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.34	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.30	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.30	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.30	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.30	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.30	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.30	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.30	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.29	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.41	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.19	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.43	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.24	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.47	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.25	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.44	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.44	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.43	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.43	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.43	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.43	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.43	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.53	PASS

Band2	15MHz	QPSK	19125	1RB#0	23.45	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.74	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.38	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.72	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.24	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.52	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.42	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.42	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.42	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.43	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.43	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.42	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.42	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.55	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.50	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.09	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.42	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.07	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.46	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.07	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.29	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.39	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.29	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.40	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.21	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.37	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.36	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.34	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.58	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.14	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.55	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.18	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.65	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.27	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.56	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.60	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.38	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.52	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.52	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.57	PASS

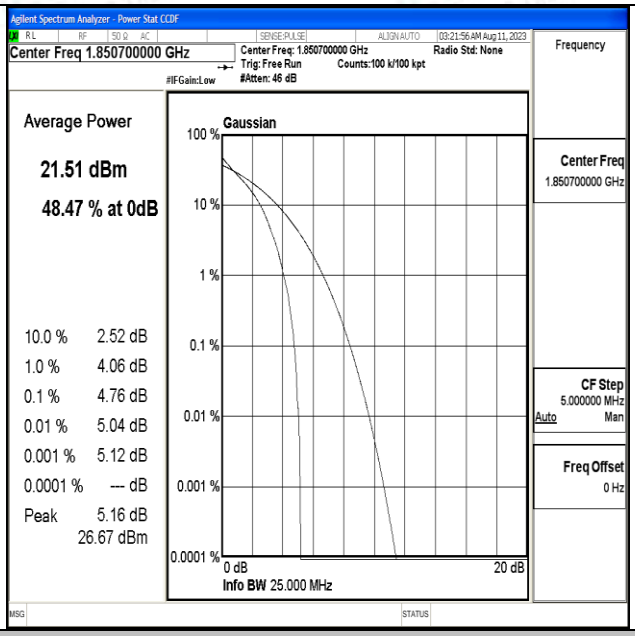
Band2	20MHz	QPSK	18900	100RB#0	22.44	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.48	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.72	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.95	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.77	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.01	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.51	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.88	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.52	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.64	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.64	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.66	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.42	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.55	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.51	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.76	PASS

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

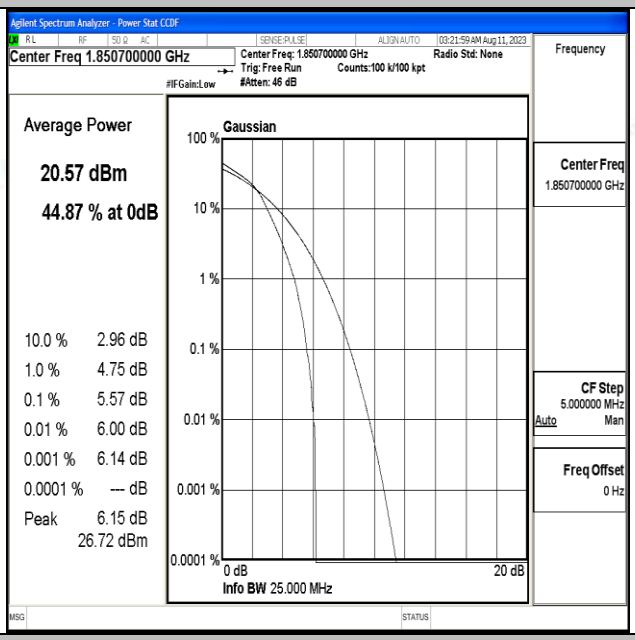
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.76	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.57	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.20	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.07	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.40	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.00	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.84	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.61	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.46	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.10	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.40	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.34	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.78	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.48	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.41	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.02	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.30	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.08	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	4.91	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.63	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.34	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.08	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.25	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.98	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.29	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	5.90	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.64	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.17	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.47	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.97	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.33	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.01	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.54	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.25	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.31	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.99	13	PASS

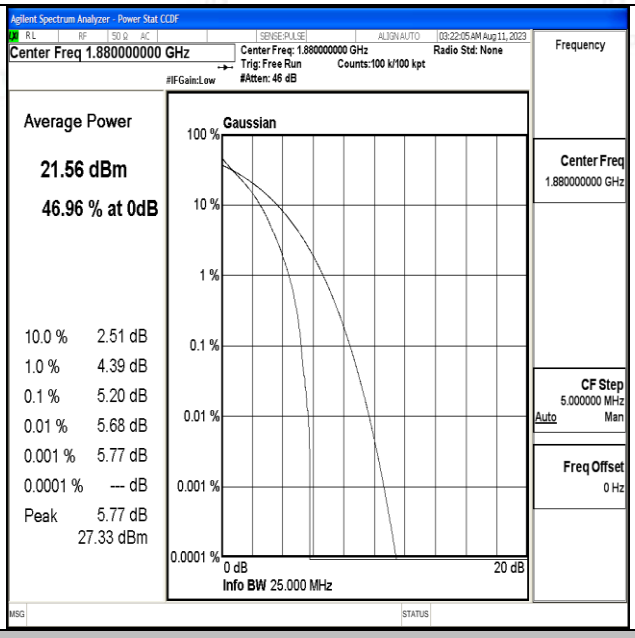
Test Graphs



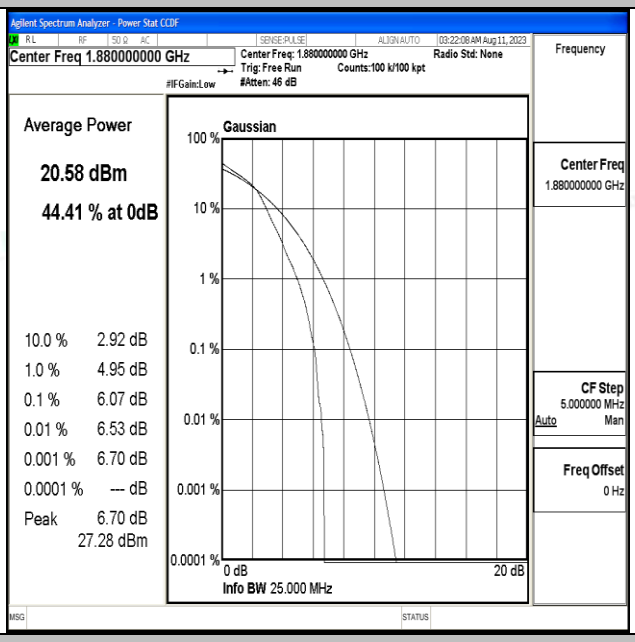
1.4MHz-18607



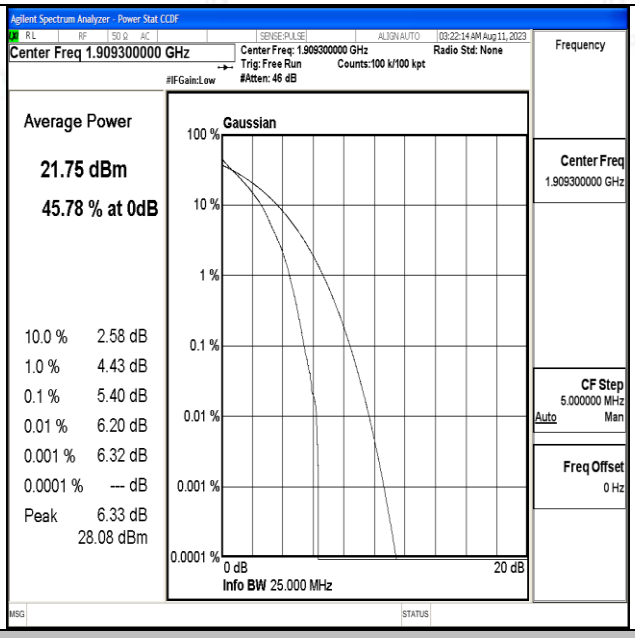
1.4MHz-18607



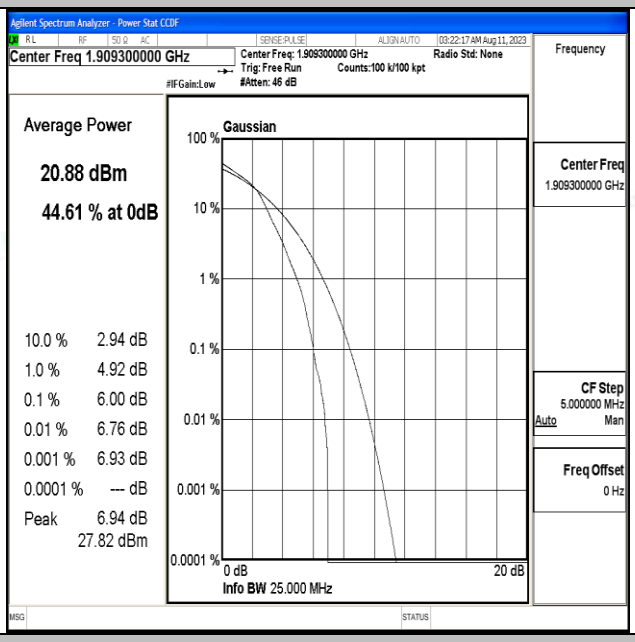
1.4MHz-18900



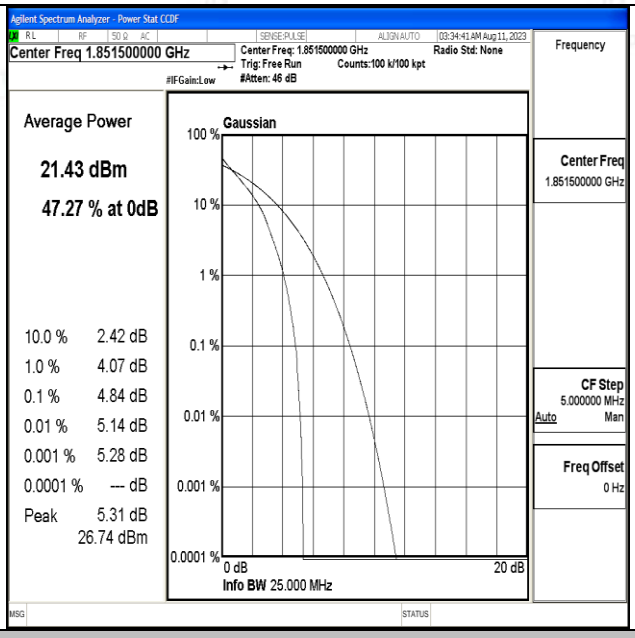
1.4MHz-18900



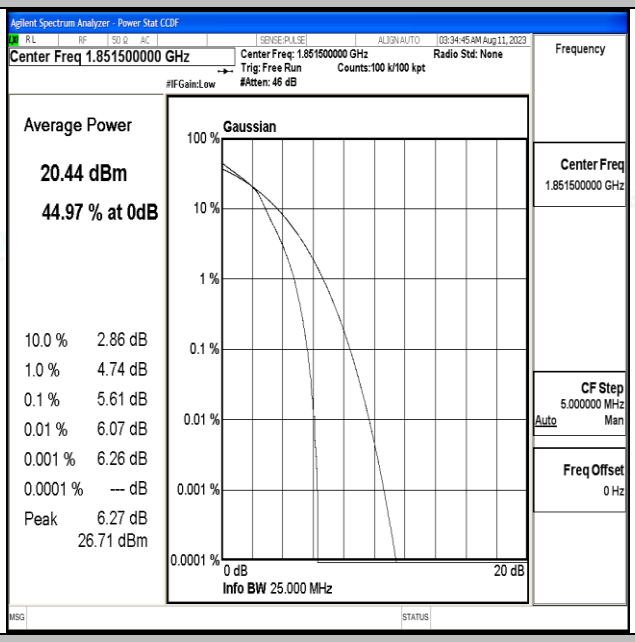
1.4MHz-19193



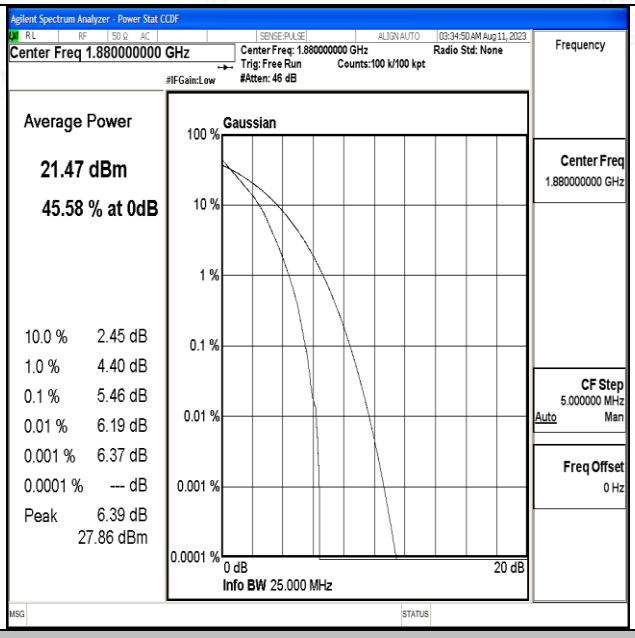
1.4MHz-19193



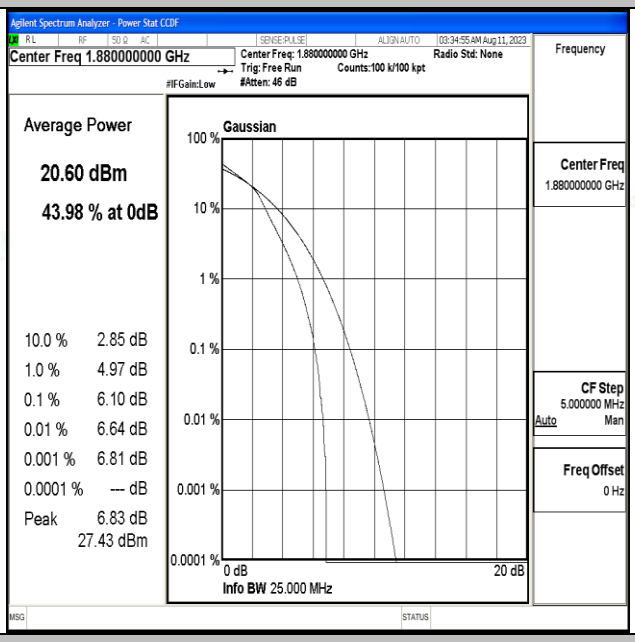
3MHz-18615



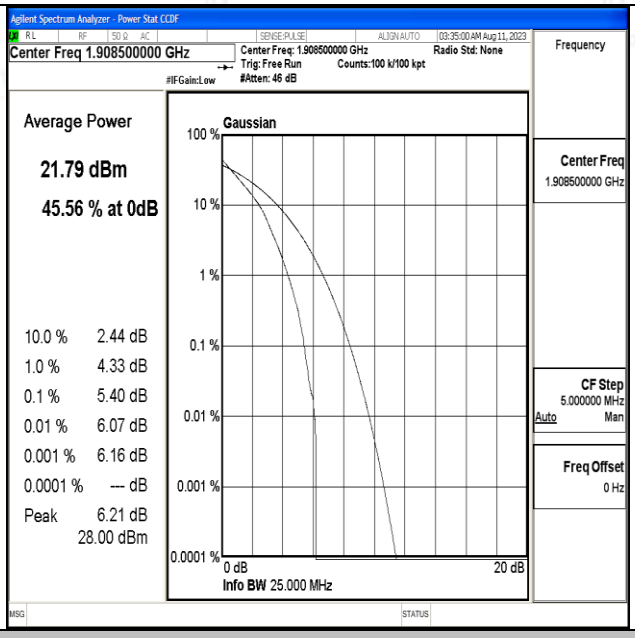
3MHz-18615



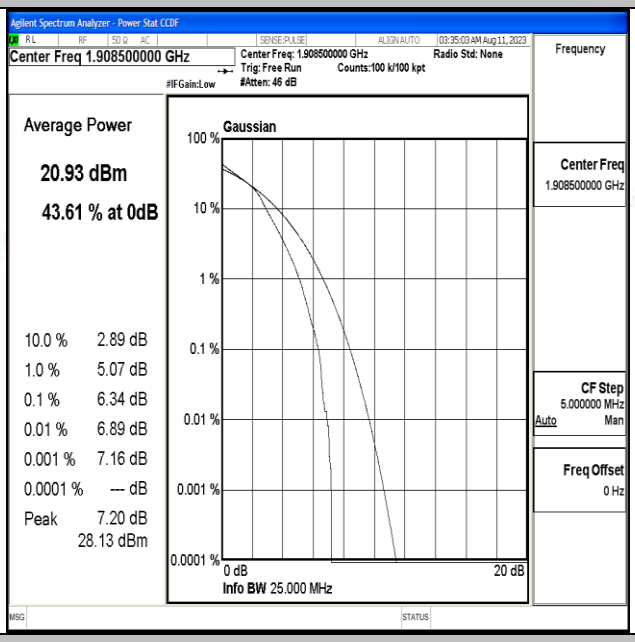
3MHz-18900



3MHz-18900



3MHz-19185



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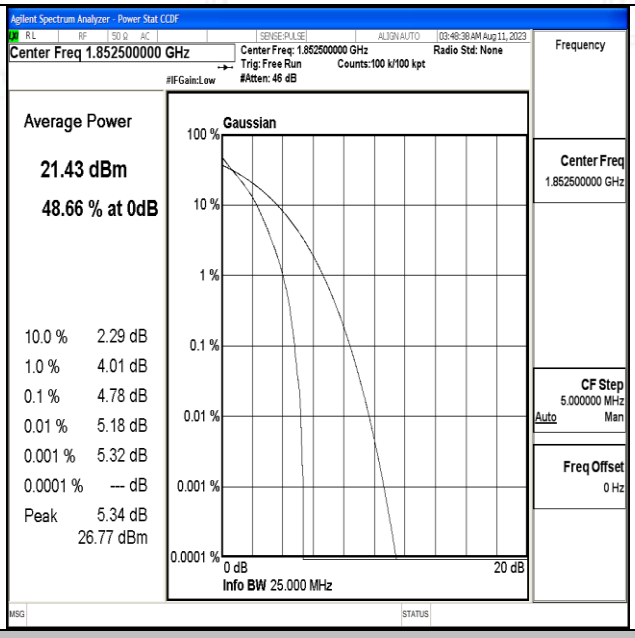
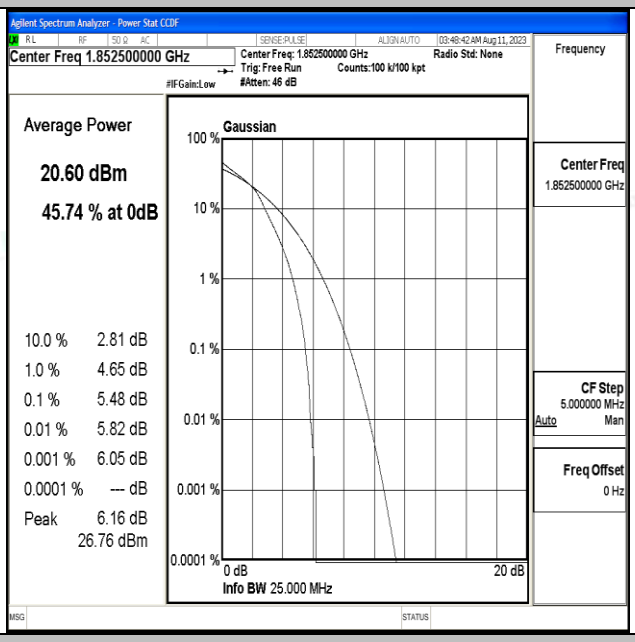
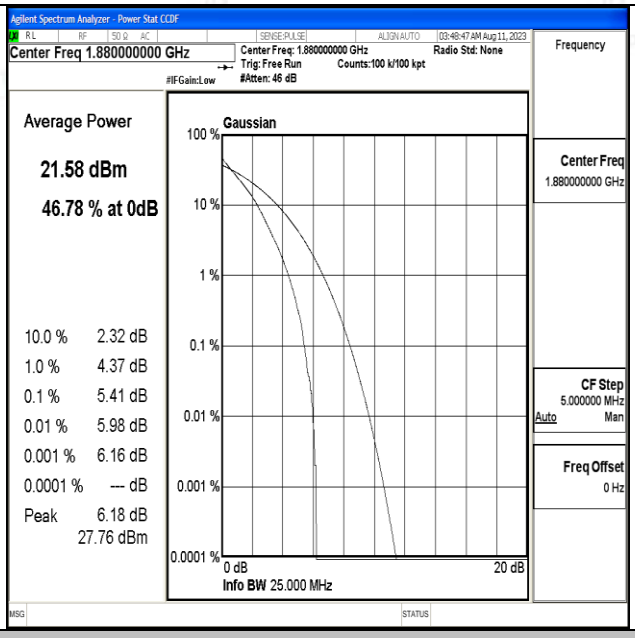


5MHz-18625



5MHz-18625



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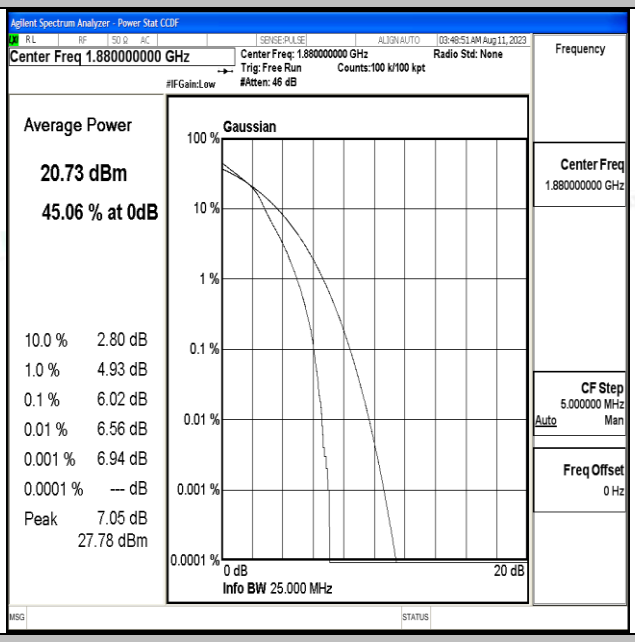

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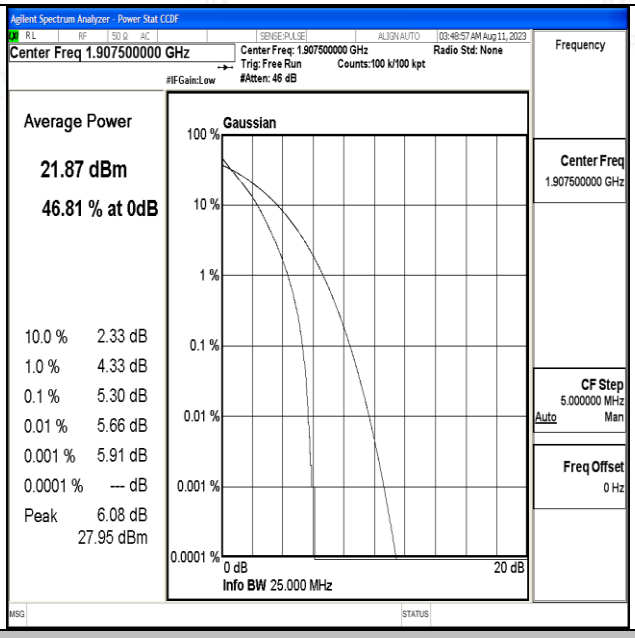
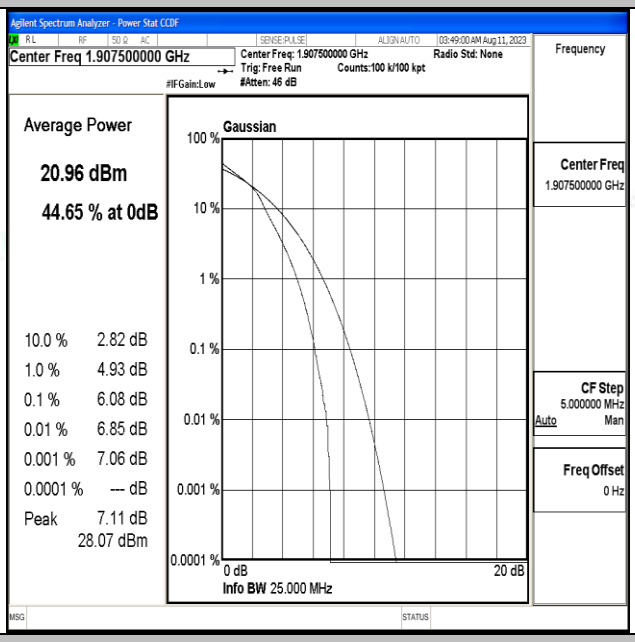
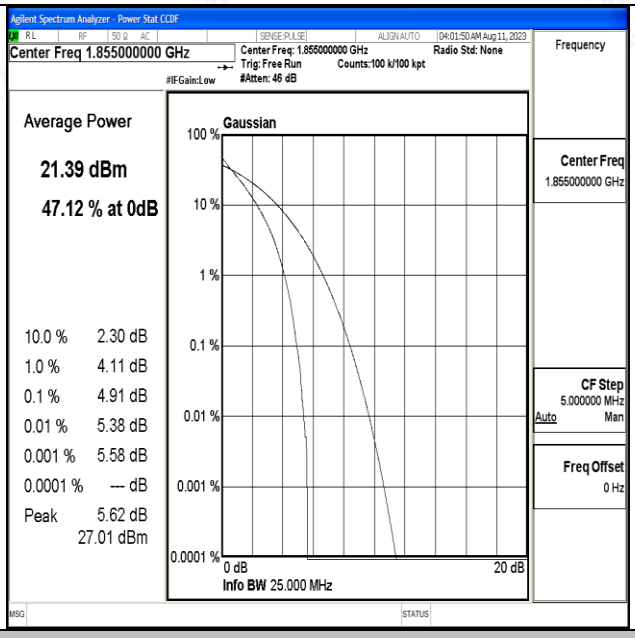


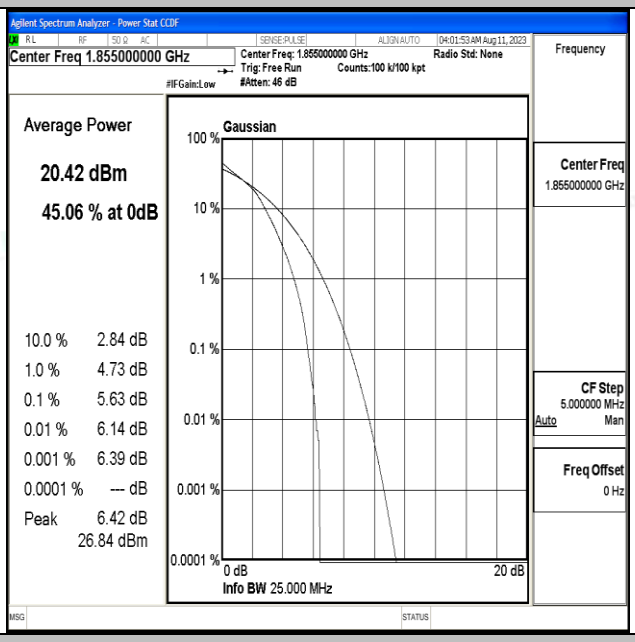
5MHz-19175



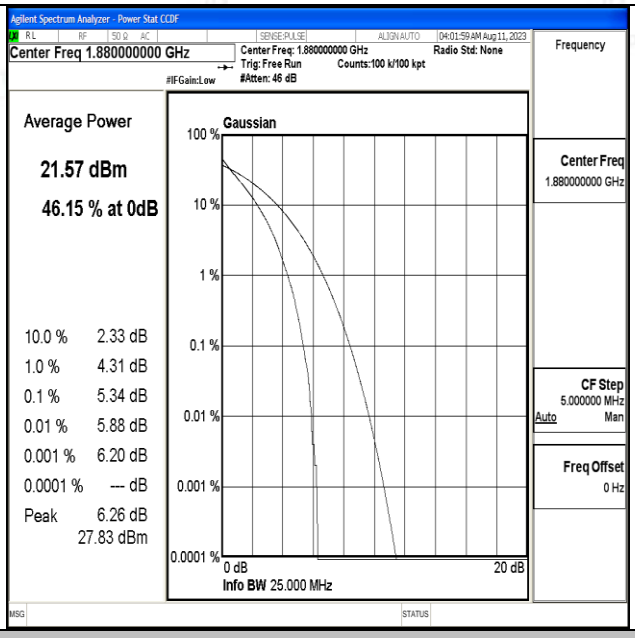
5MHz-19175



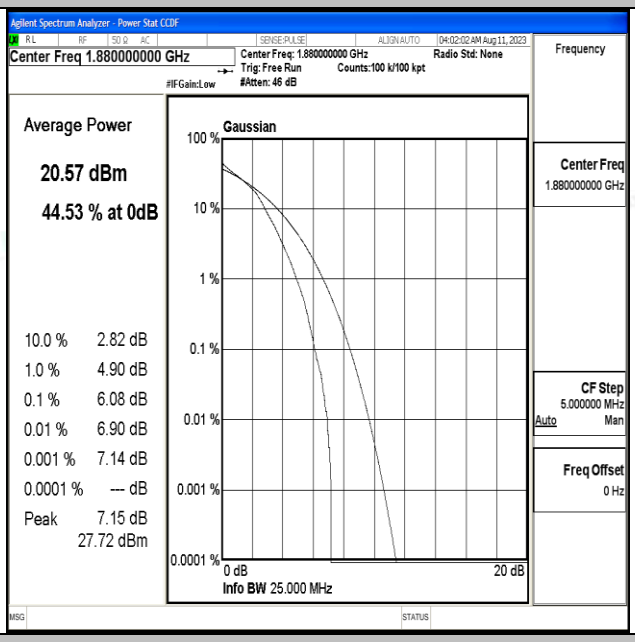
10MHz-18650



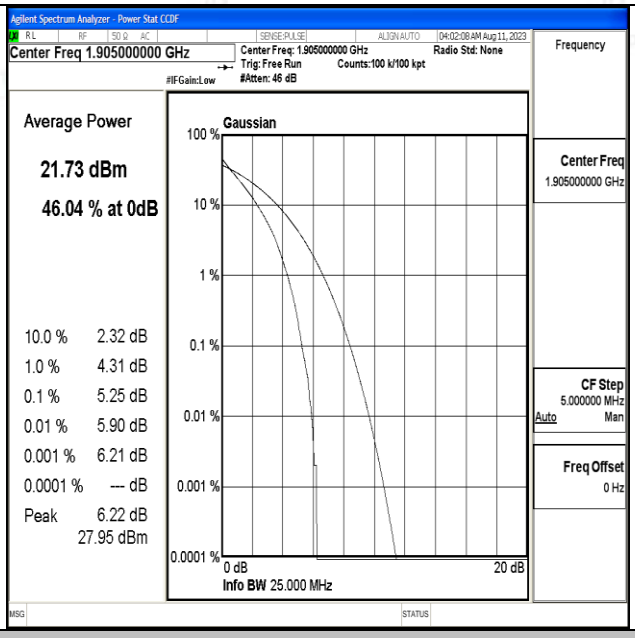
10MHz-18650



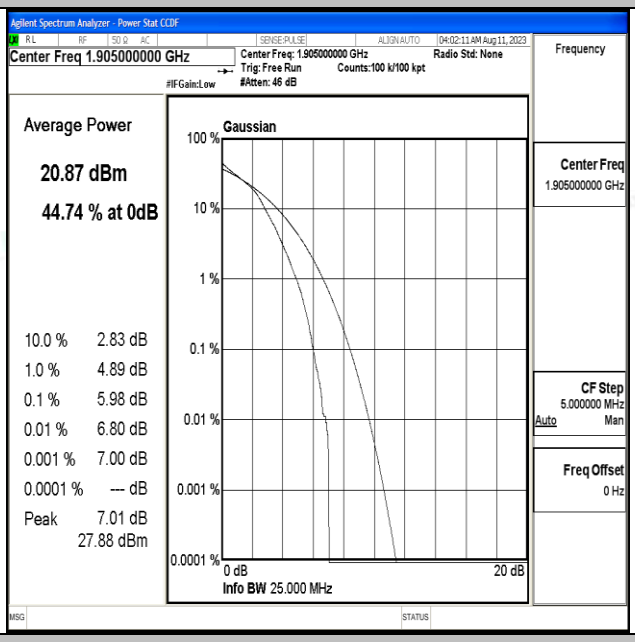
10MHz-18900



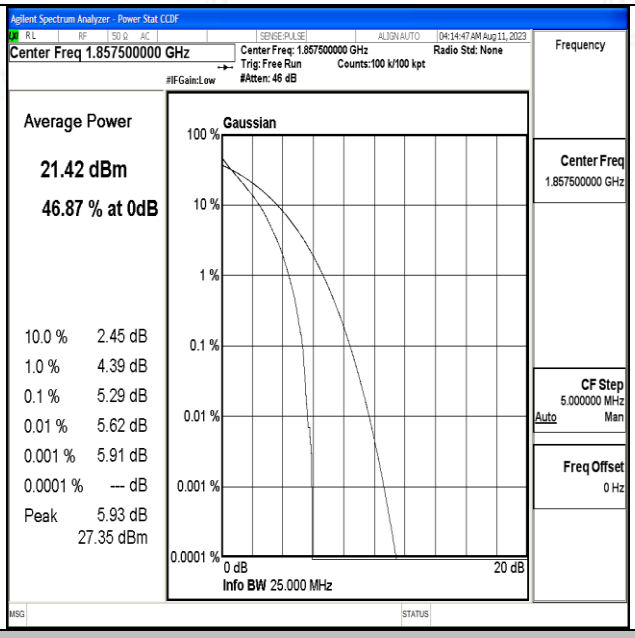
10MHz-18900



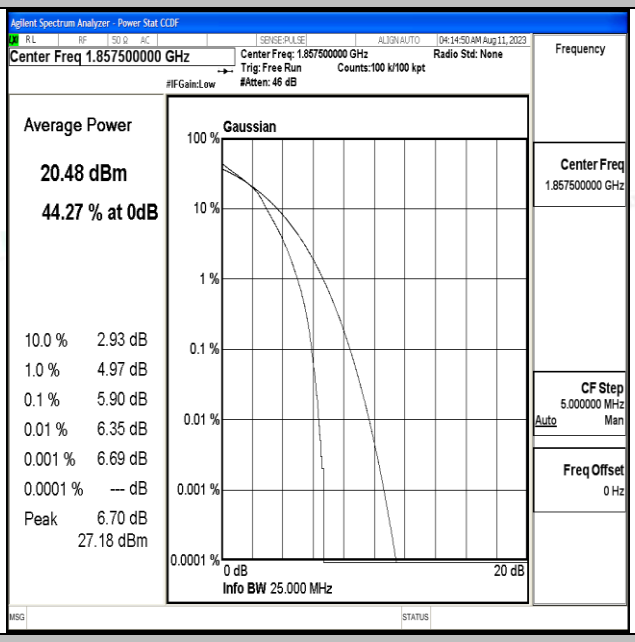
10MHz-19150



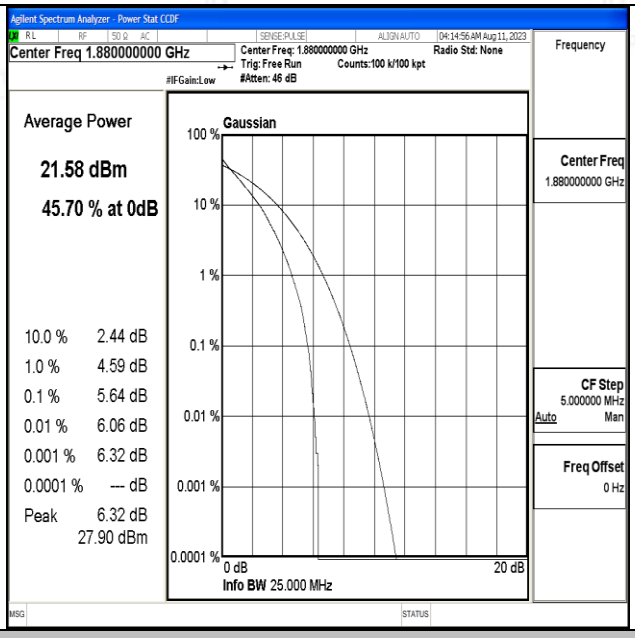
10MHz-19150



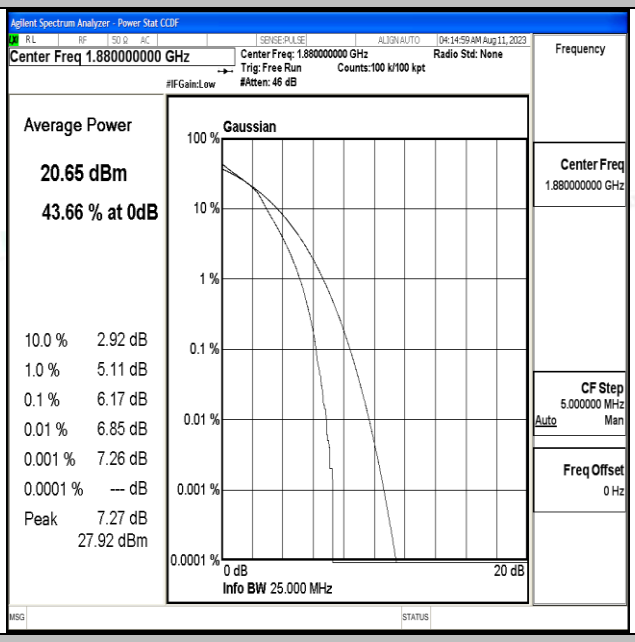
15MHz-18675



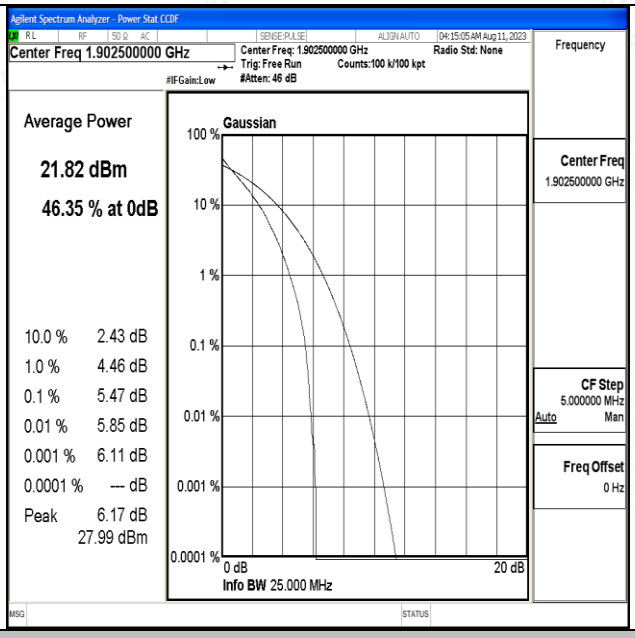
15MHz-18675



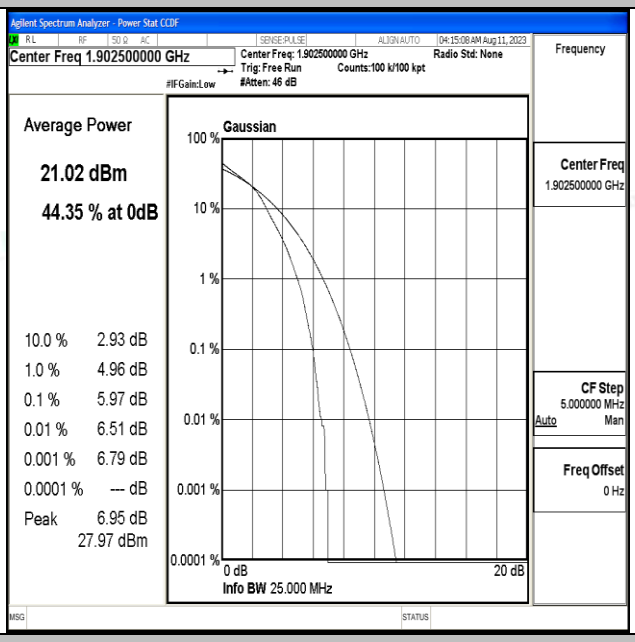
15MHz-18900



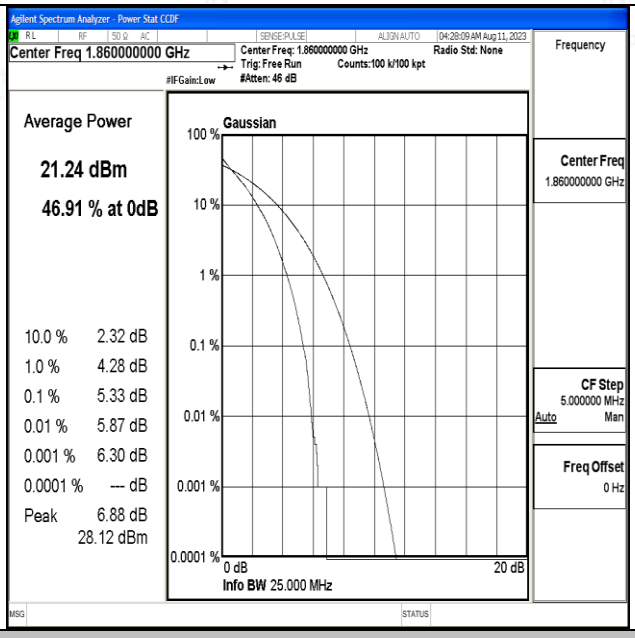
15MHz-18900



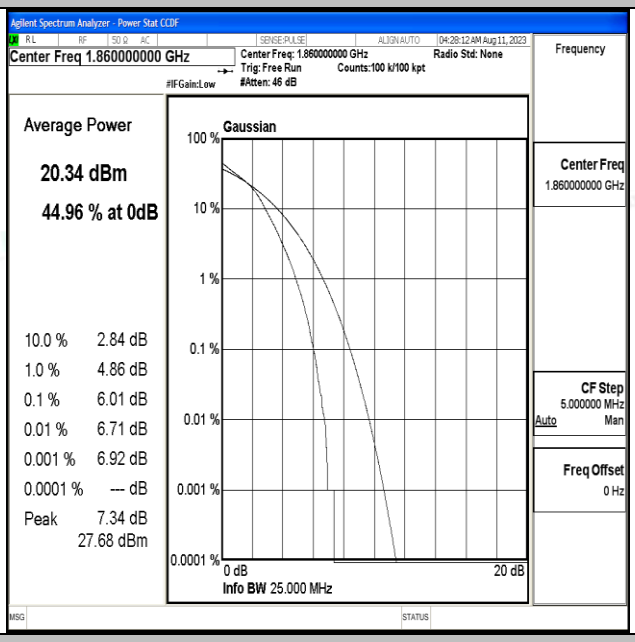
15MHz-19125



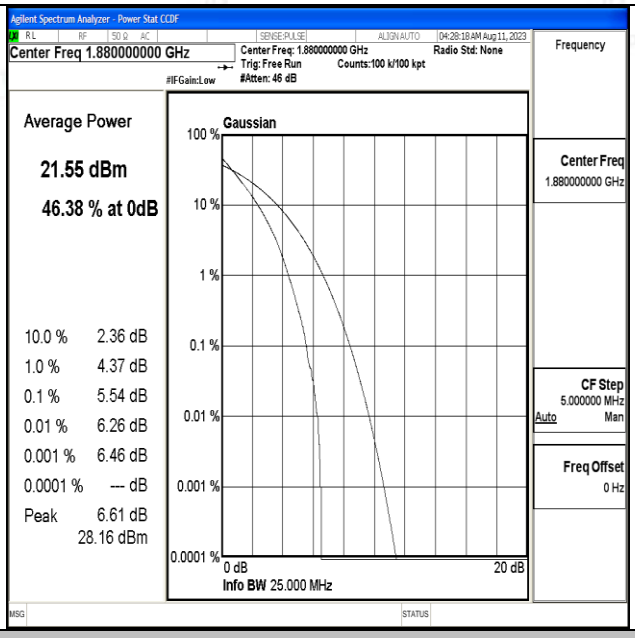
15MHz-19125



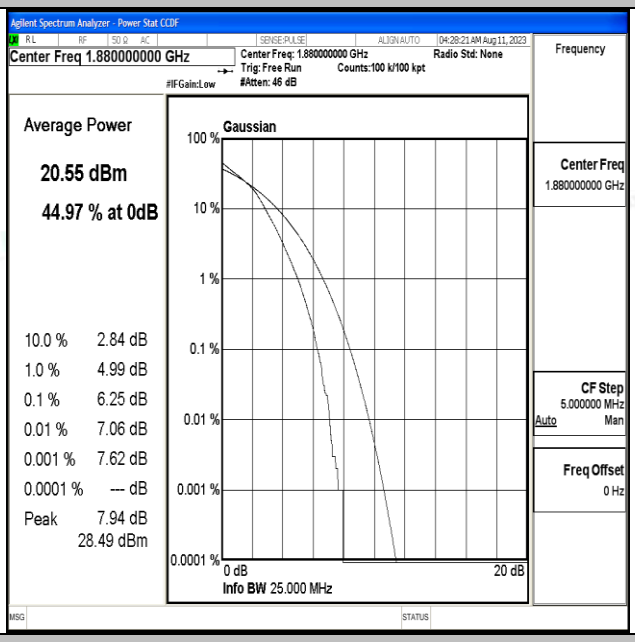
20MHz-18700



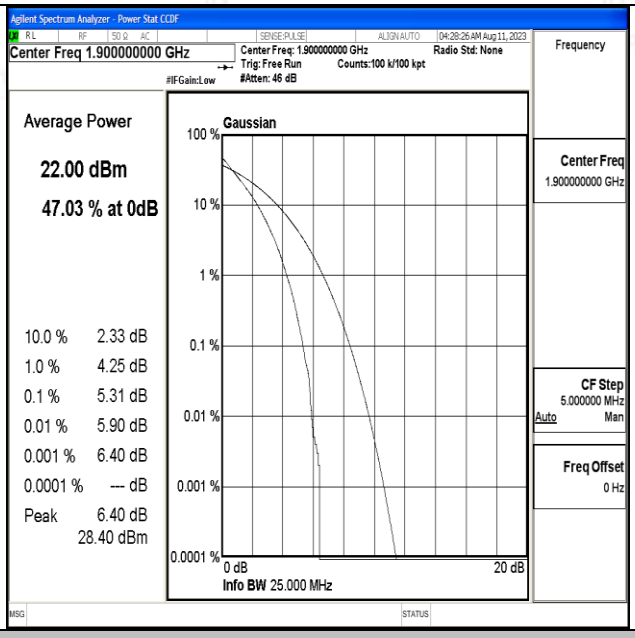
20MHz-18700



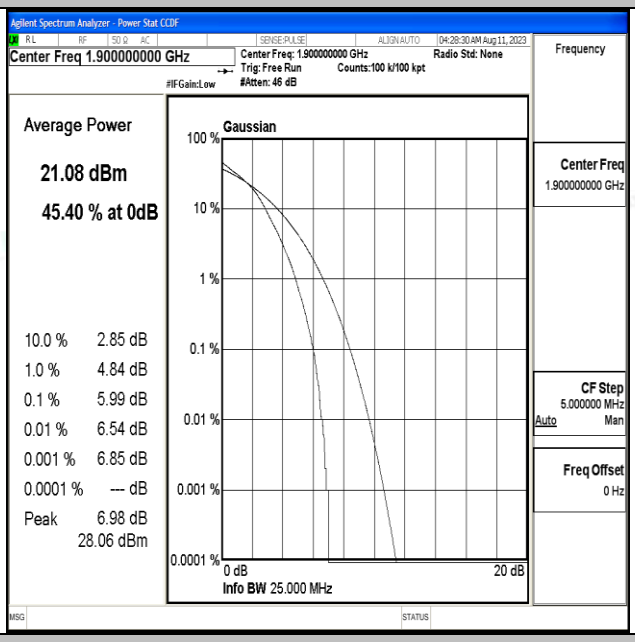
20MHz-18900



20MHz-18900



20MHz-19100



20MHz-19100

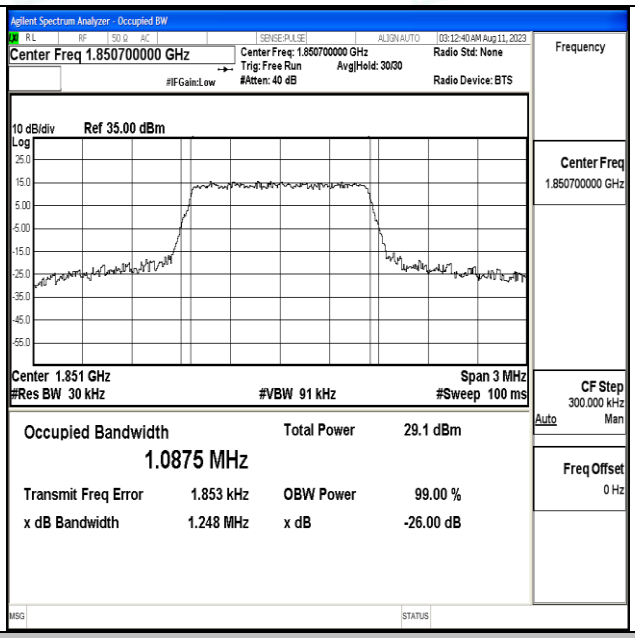
F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

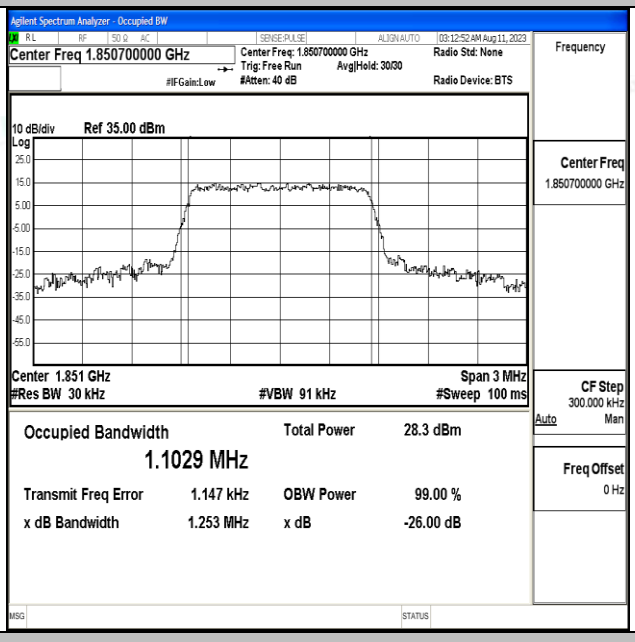
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0875	1.248	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1029	1.253	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0894	1.245	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1056	1.251	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0922	1.246	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1013	1.251	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7032	3.042	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7077	3.033	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7131	3.049	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7094	3.038	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6953	3.007	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7041	3.023	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5071	4.970	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5072	4.981	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5155	4.963	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5152	4.968	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5074	4.966	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5114	4.978	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0148	9.903	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0053	9.945	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0013	9.864	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9926	9.891	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0066	9.917	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0032	9.929	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.520	14.87	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.503	14.97	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.516	15.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.510	15.03	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.498	14.98	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.500	14.93	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.987	19.58	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.006	19.82	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.030	19.70	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.049	19.72	PASS

Band2	20MHz	QPSK	19100	100RB#0	18.020	19.81	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.007	19.66	PASS

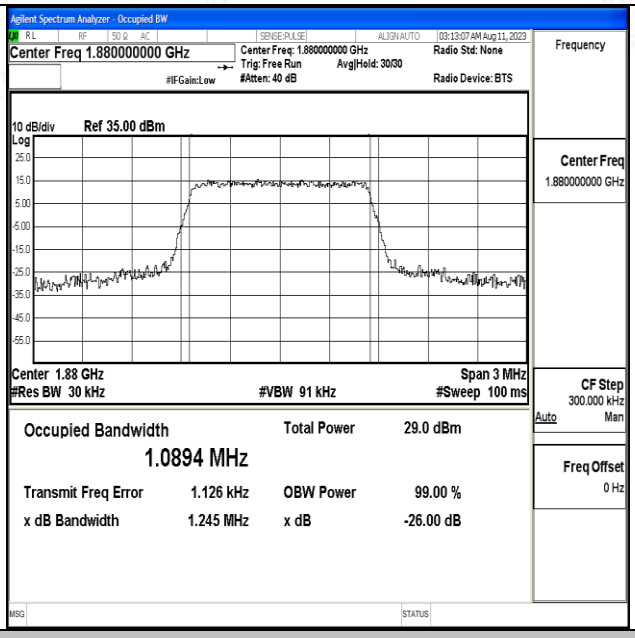
Test Graphs



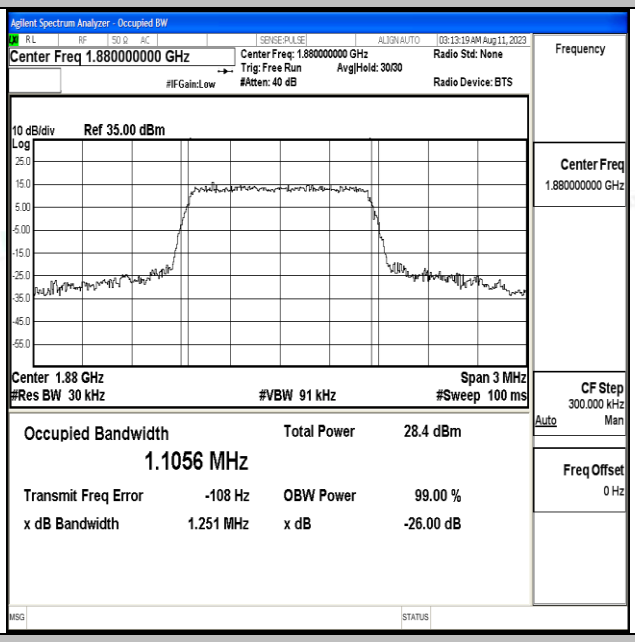
1.4MHz-18607



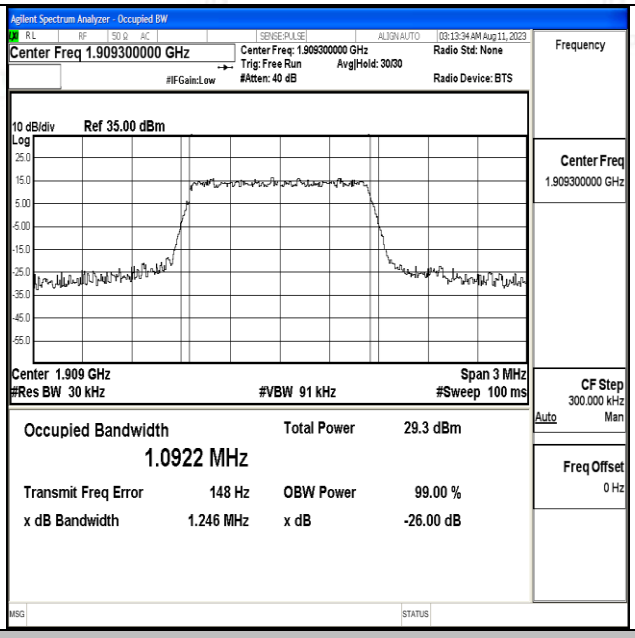
1.4MHz-18607



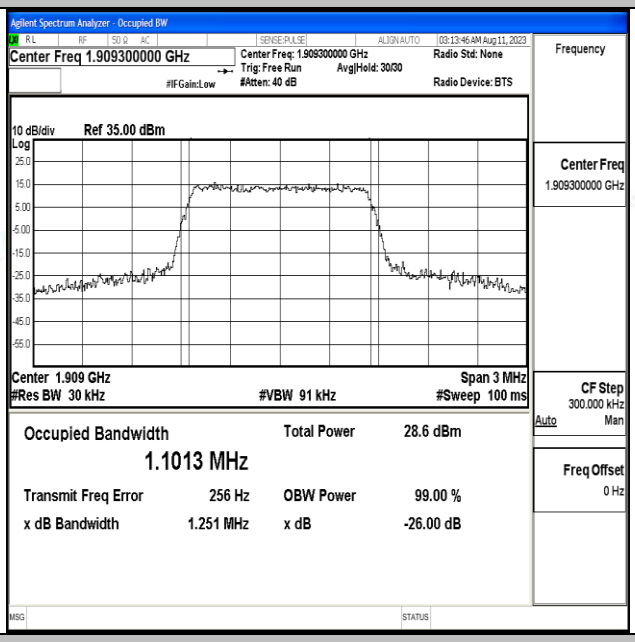
1.4MHz-18900



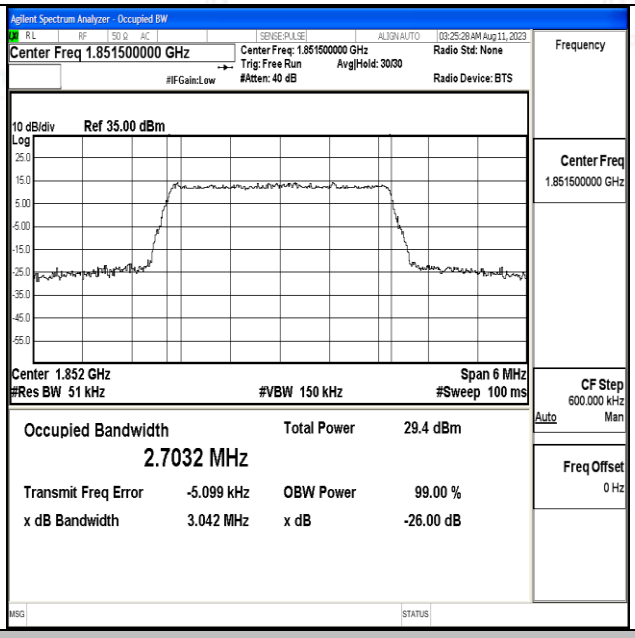
1.4MHz-18900



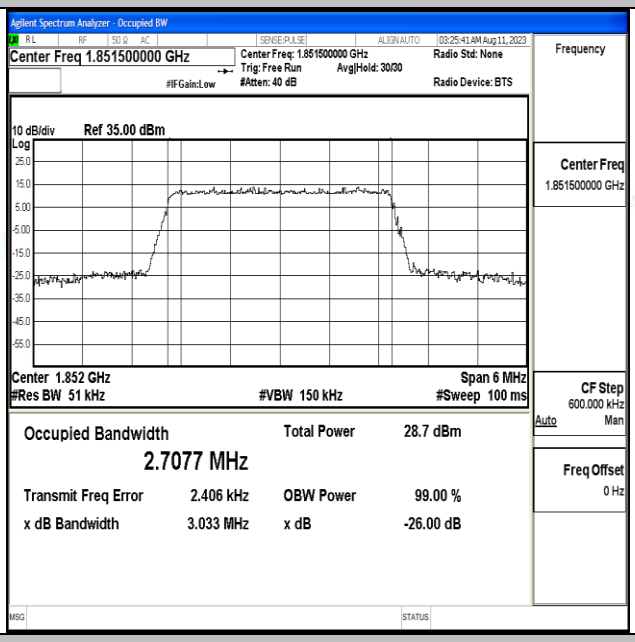
1.4MHz-19193



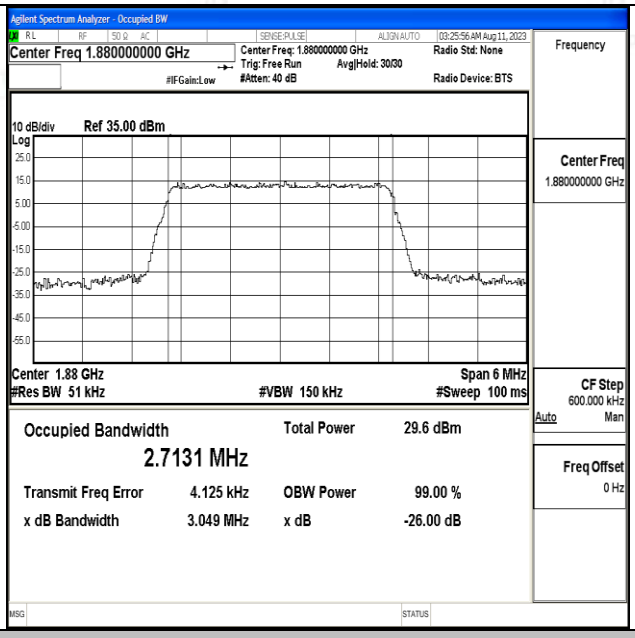
1.4MHz-19193



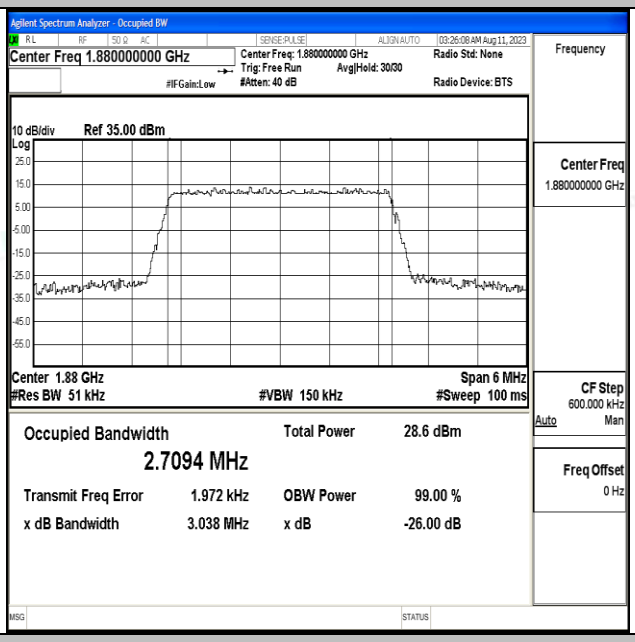
3MHz-18615



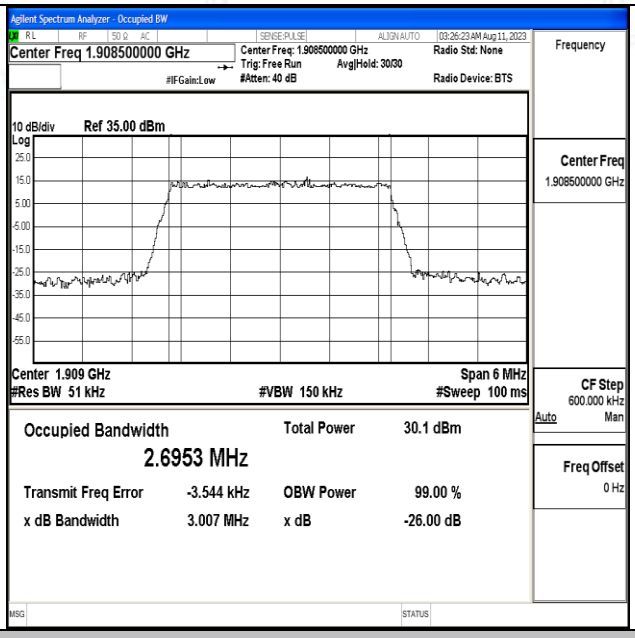
3MHz-18615



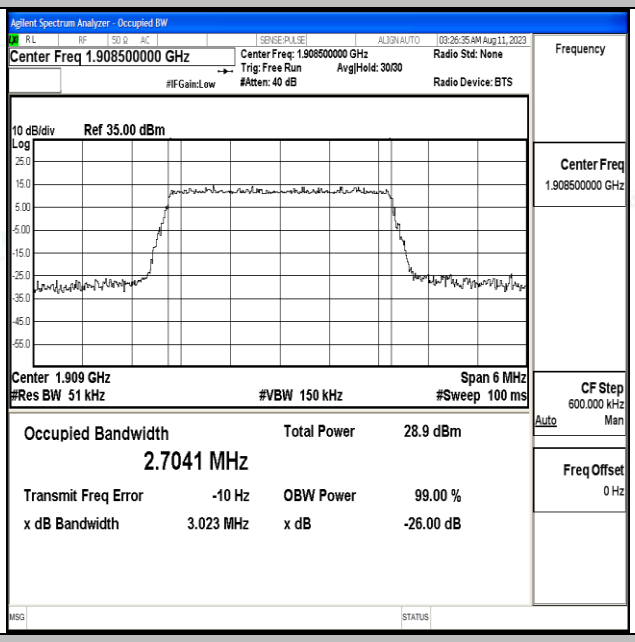
3MHz-18900



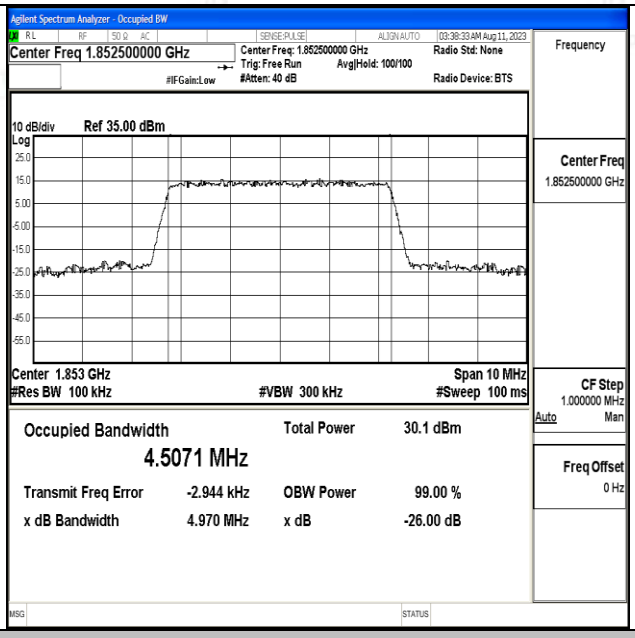
3MHz-18900



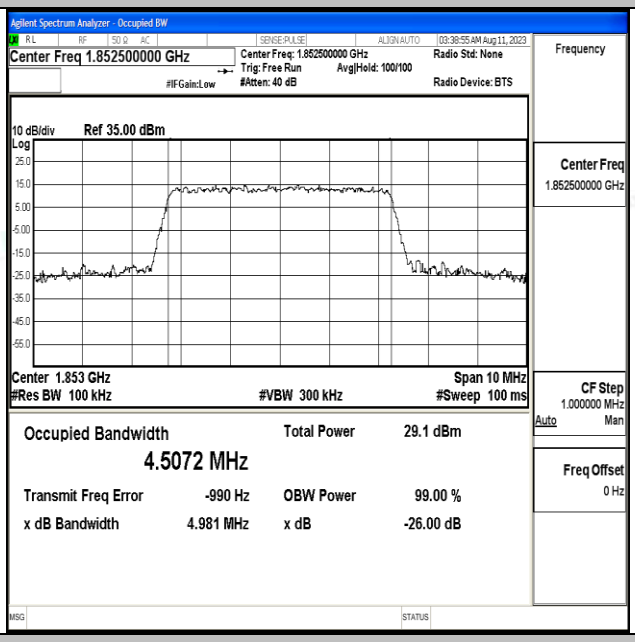
3MHz-19185



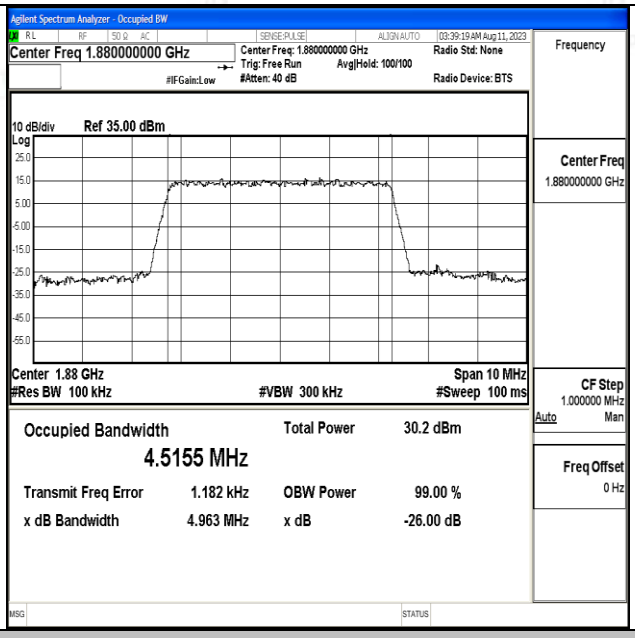
3MHz-19185



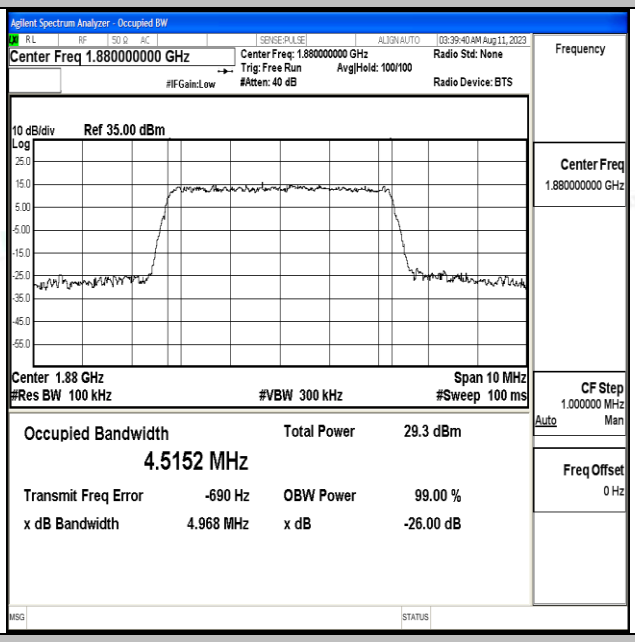
5MHz-18625



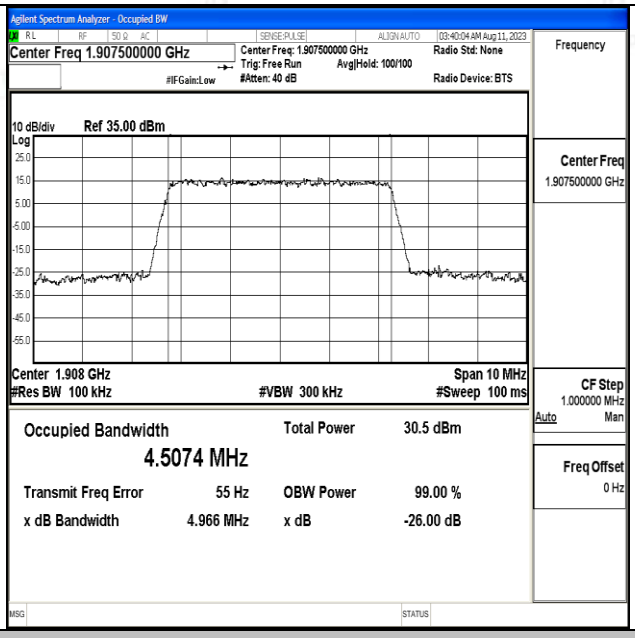
5MHz-18625



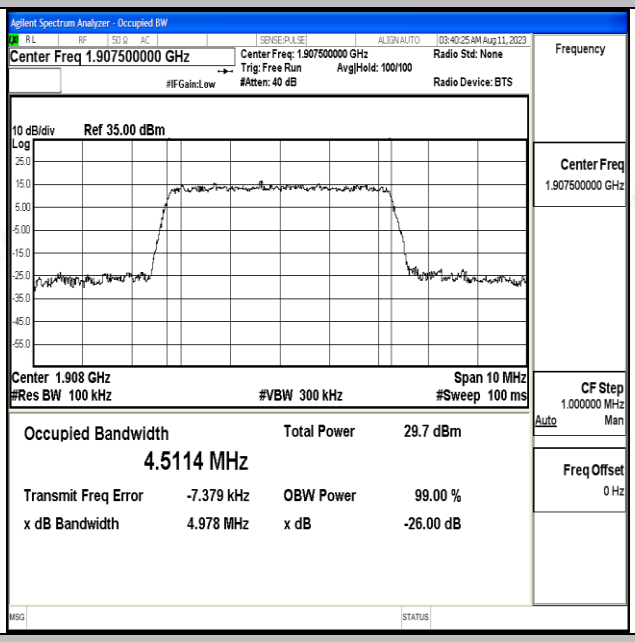
5MHz-18900



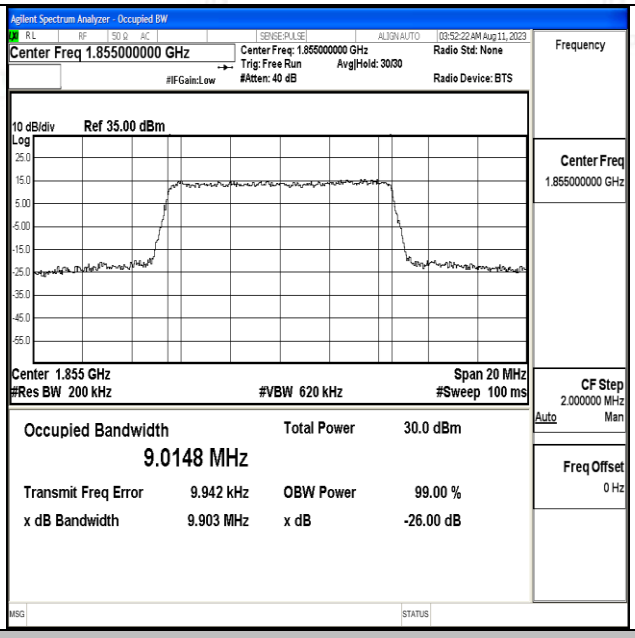
5MHz-18900



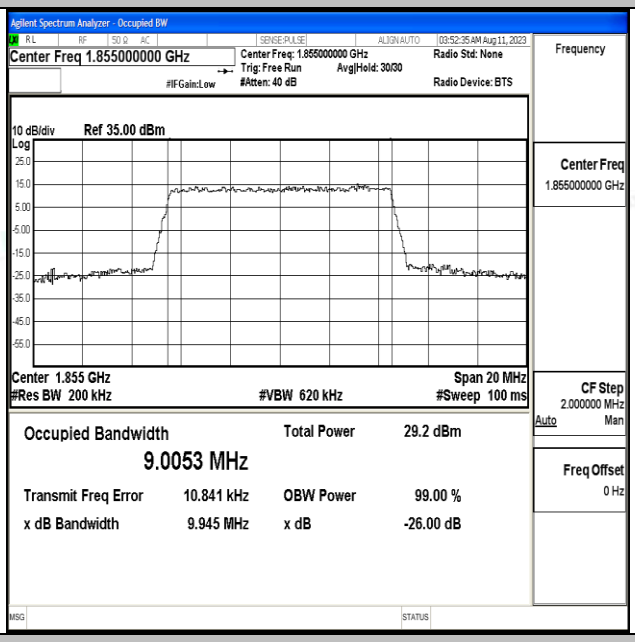
5MHz-19175



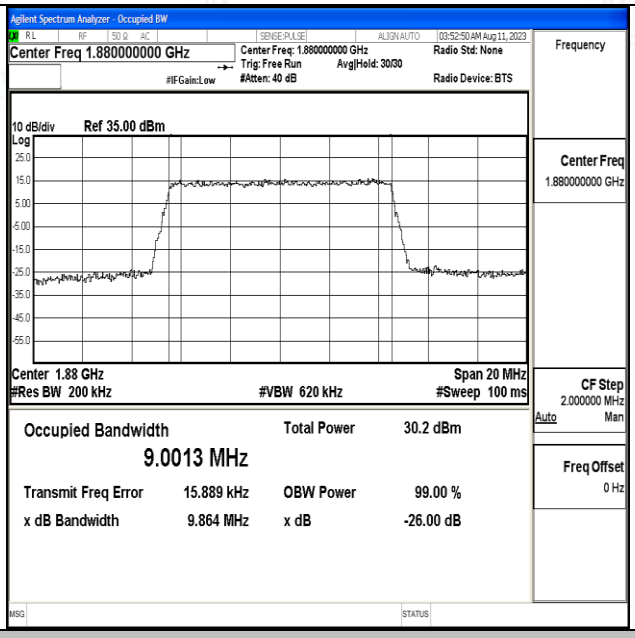
5MHz-19175



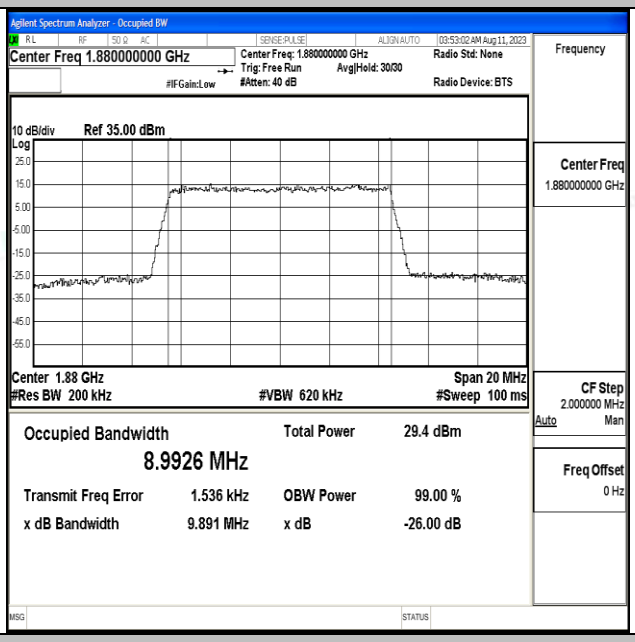
10MHz-18650



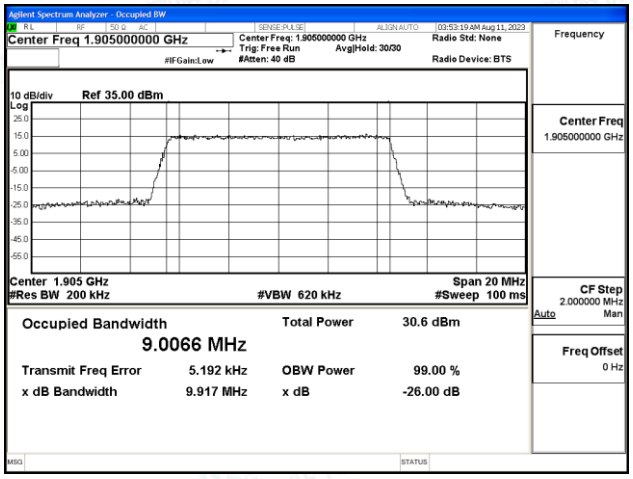
10MHz-18650



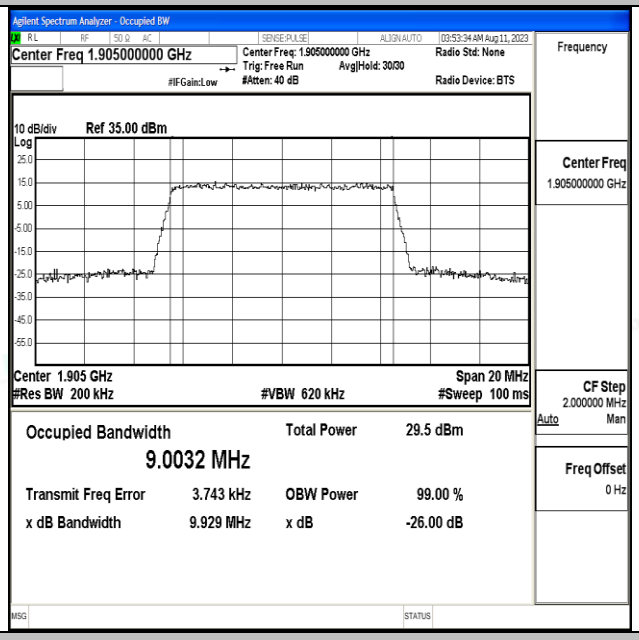
10MHz-18900



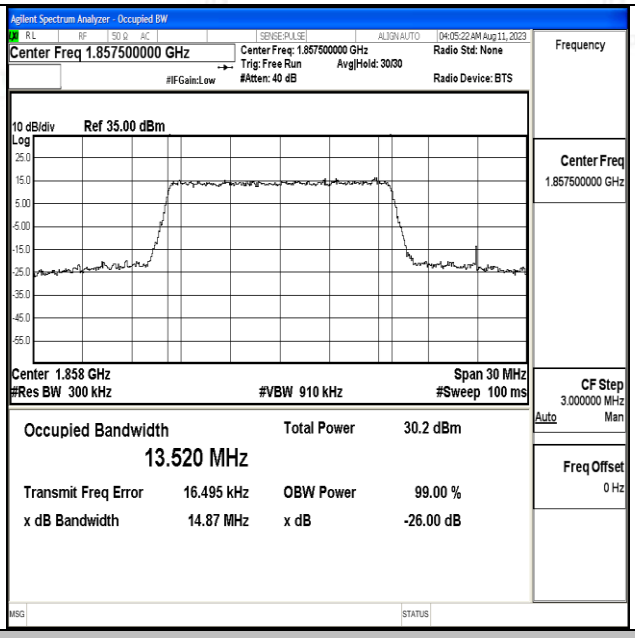
10MHz-18900



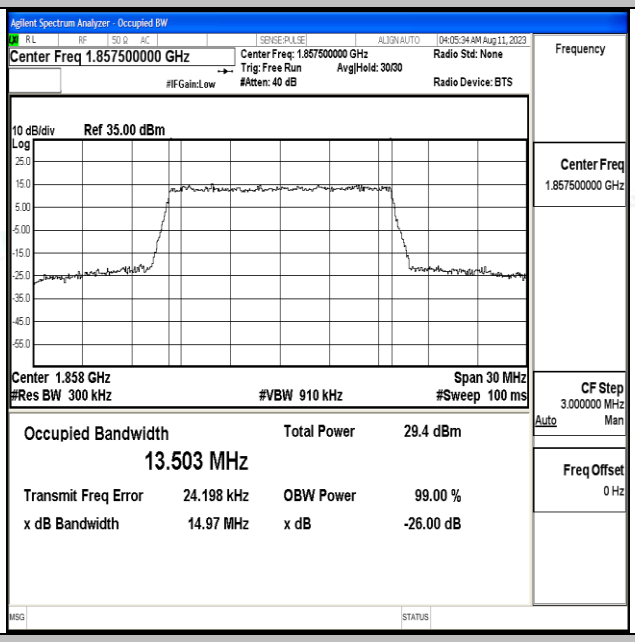
10MHz-19150



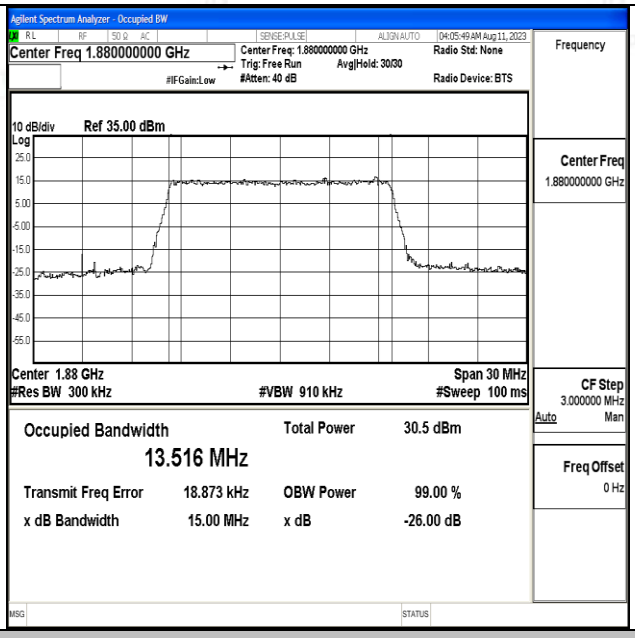
10MHz-19150



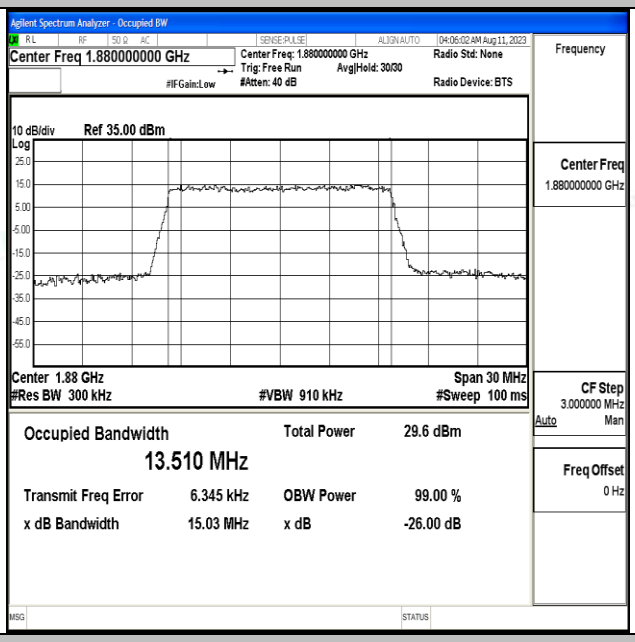
15MHz-18675



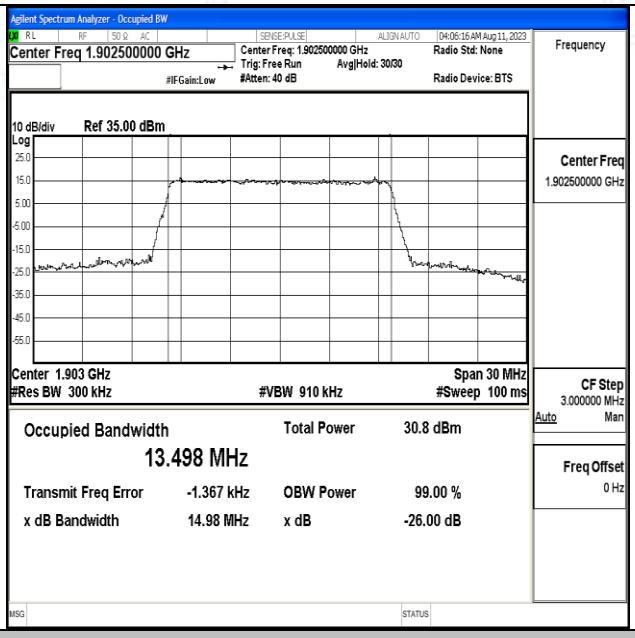
15MHz-18675



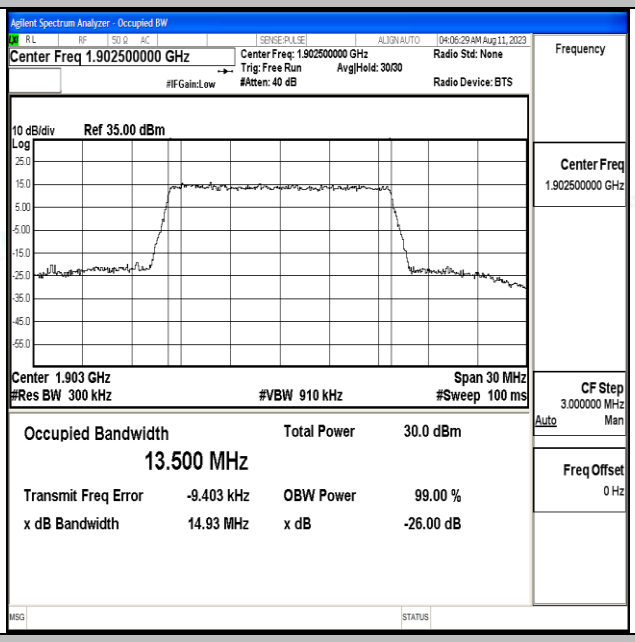
15MHz-18900



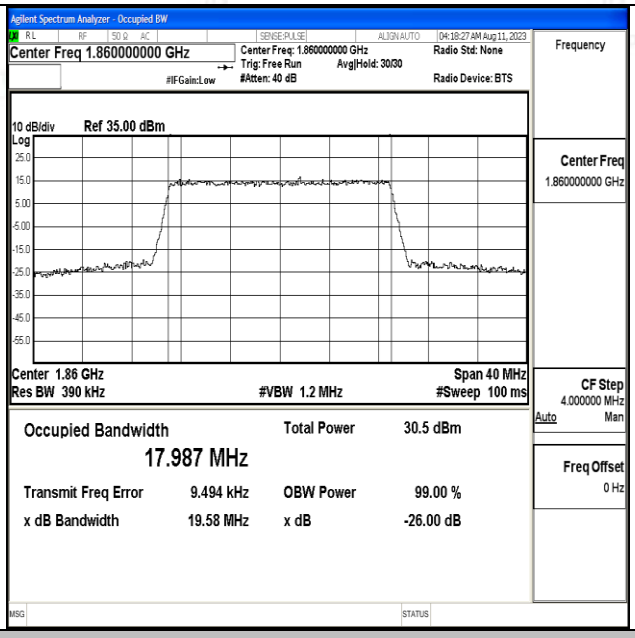
15MHz-18900



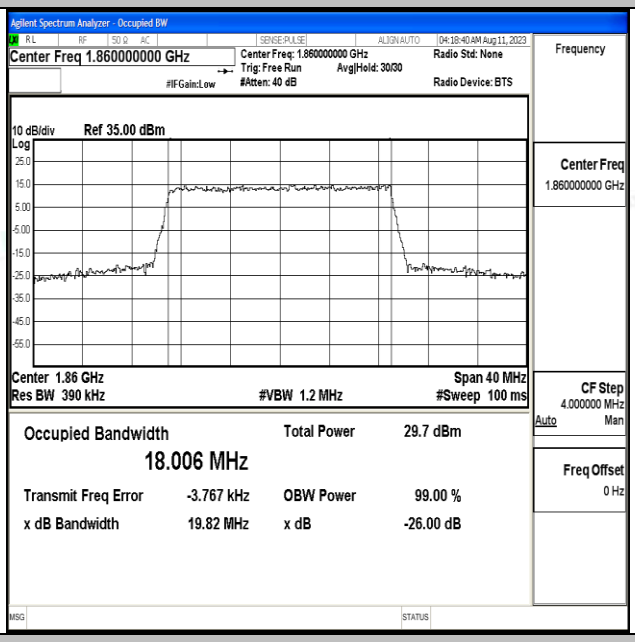
15MHz-19125



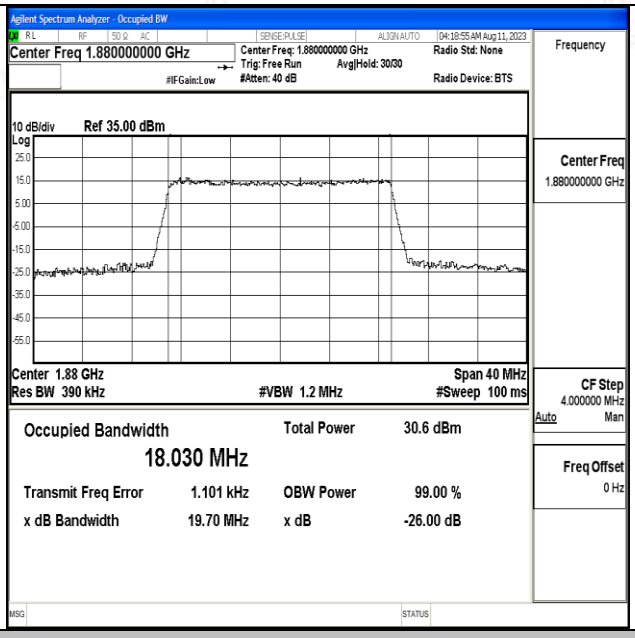
15MHz-19125



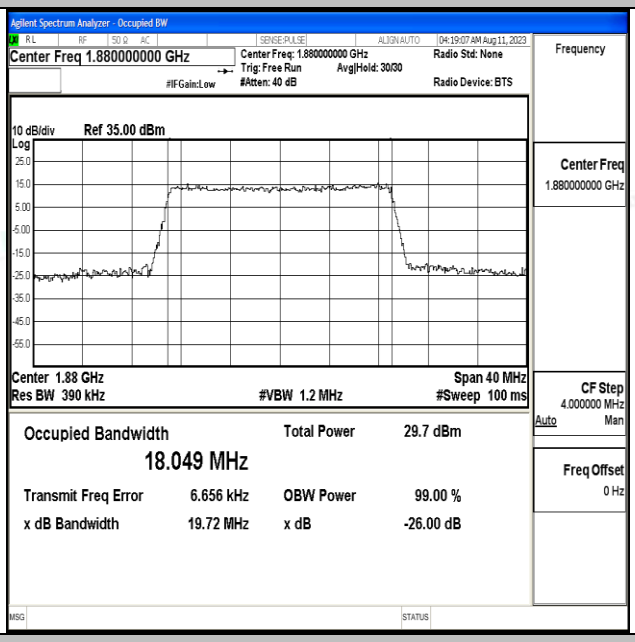
20MHz-18700



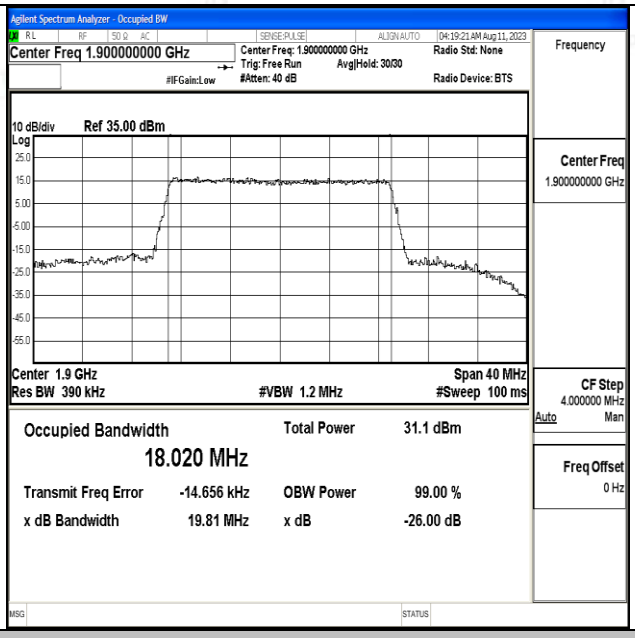
20MHz-18700



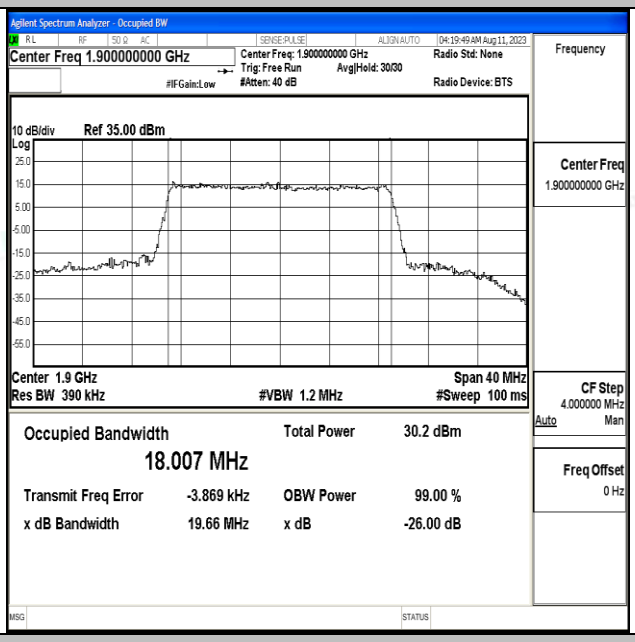
20MHz-18900



20MHz-18900



20MHz-19100



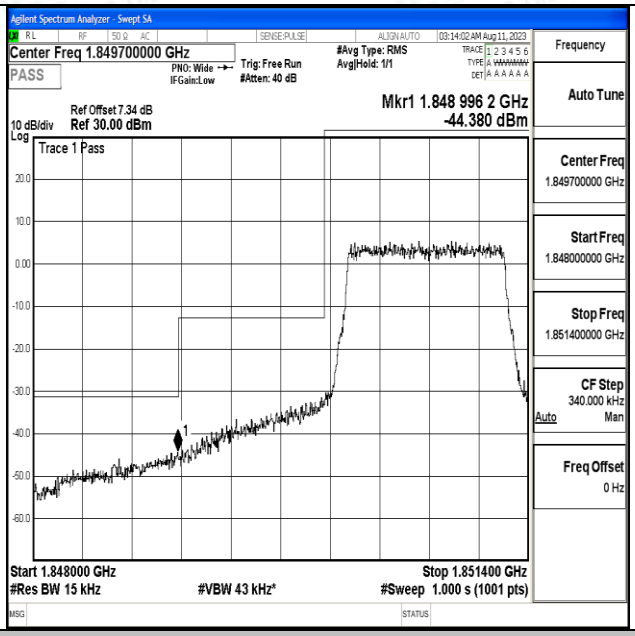
20MHz-19100

F.4 Band Edge

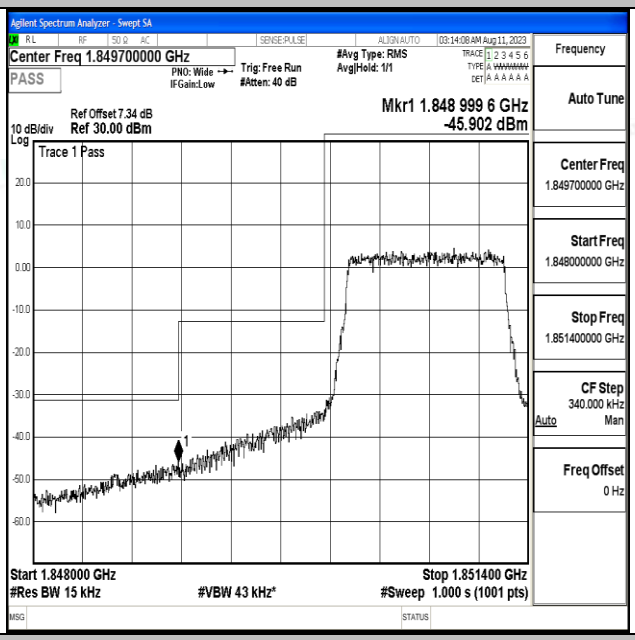
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1849.00	-44.38	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1849.00	-45.90	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.44	-43.72	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.04	-44.95	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.94	-36.43	PASS
Band2	3MHz	16QAM	18615	15RB#0	1848.67	-38.70	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.09	-38.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.07	-38.83	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.65	-36.14	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.90	-36.25	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.16	-38.15	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.10	-37.66	PASS
Band2	10MHz	QPSK	18650	50RB#0	1848.80	-36.01	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.97	-37.64	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.21	-36.92	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.29	-36.95	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.77	-34.64	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.77	-37.14	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.12	-33.92	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.35	-35.93	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.86	-36.43	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.86	-38.13	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.14	-34.17	PASS
Band2	20MHz	16QAM	19100	100RB#0	1911.19	-35.07	PASS

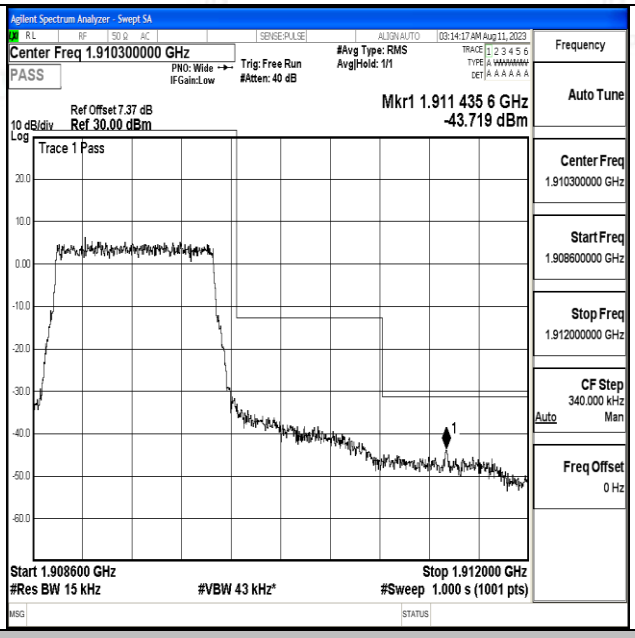
Test Graphs



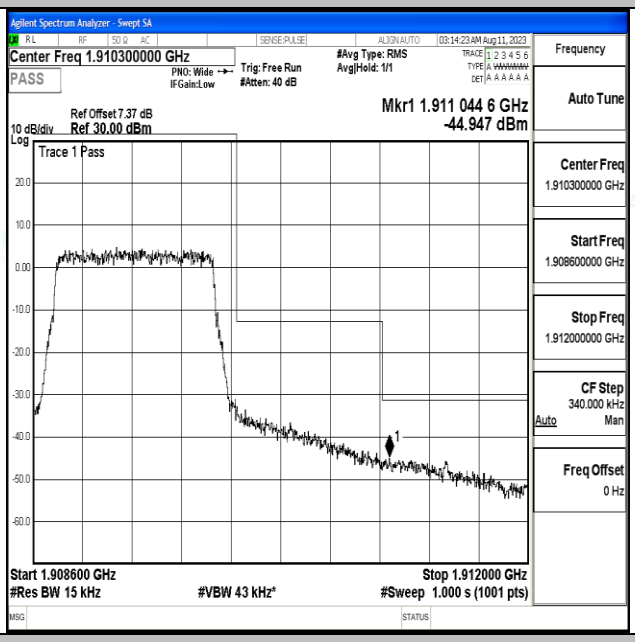
Band2_1.4MHz_QPSK_18607_6RB#0



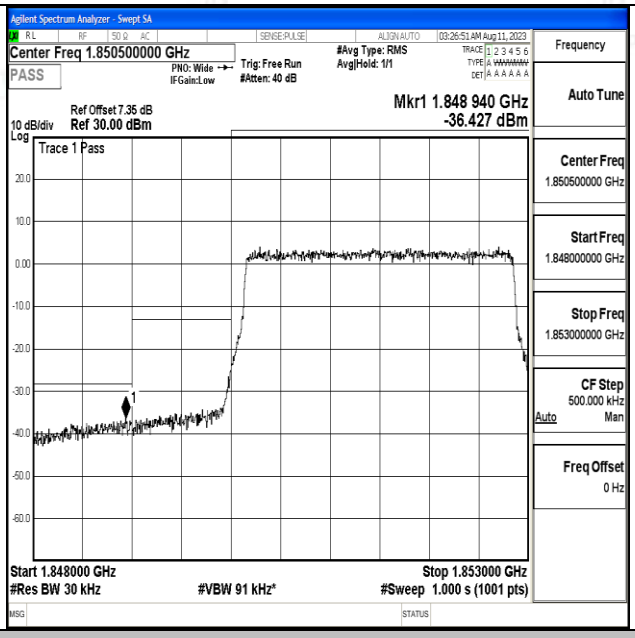
Band2_1.4MHz_16QAM_18607_6RB#0



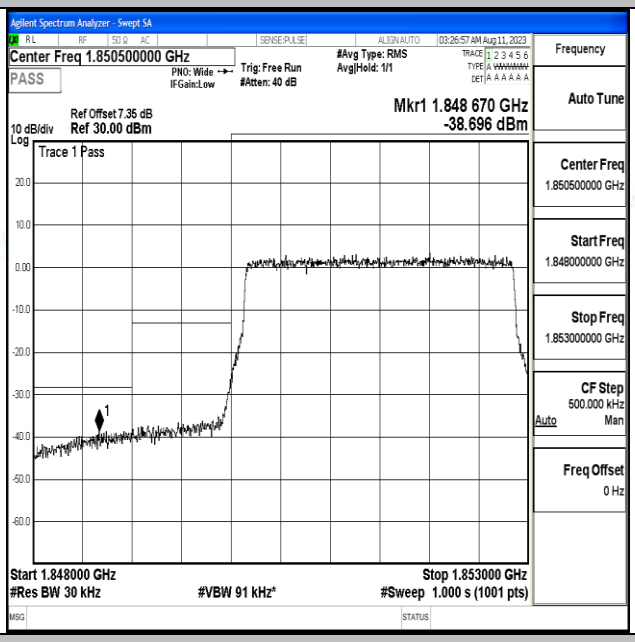
Band2_1.4MHz_QPSK_19193_6RB#0



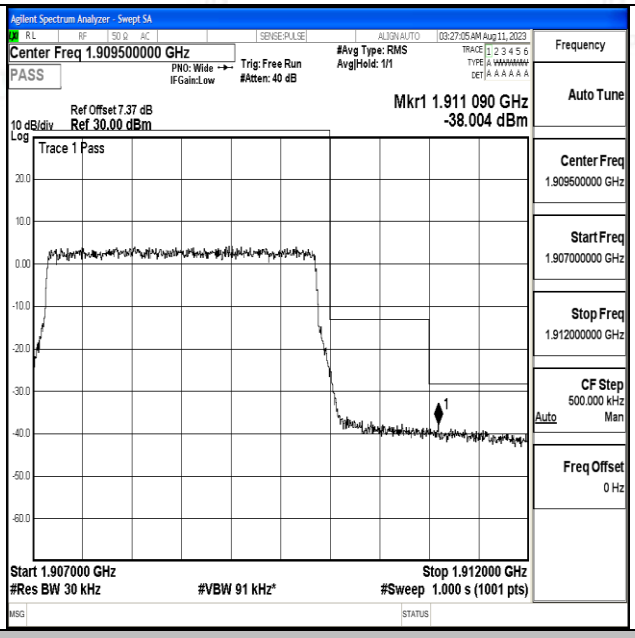
Band2_1.4MHz_16QAM_19193_6RB#0



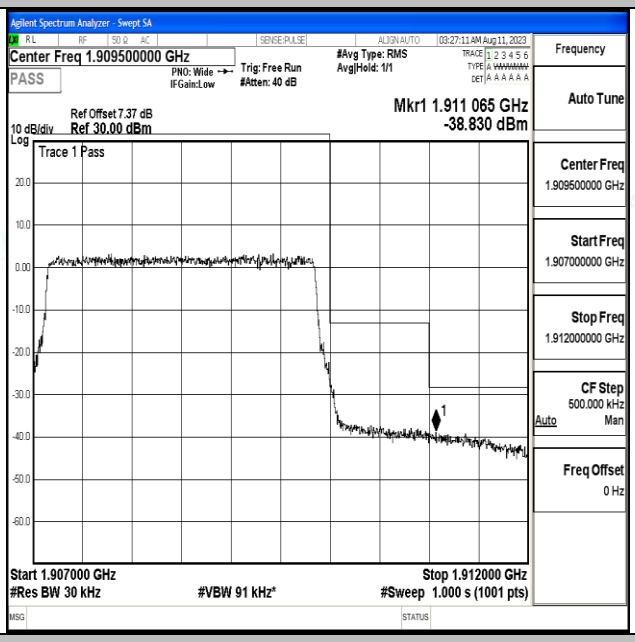
Band2_3MHz_QPSK_18615_15RB#0



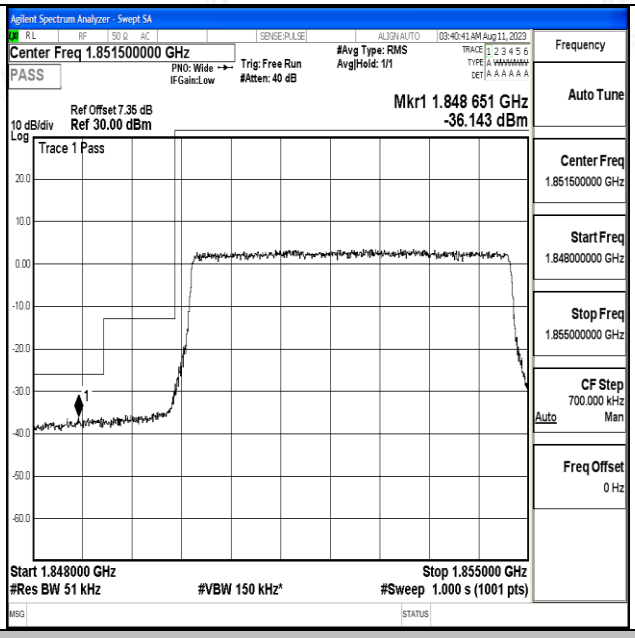
Band2_3MHz_16QAM_18615_15RB#0



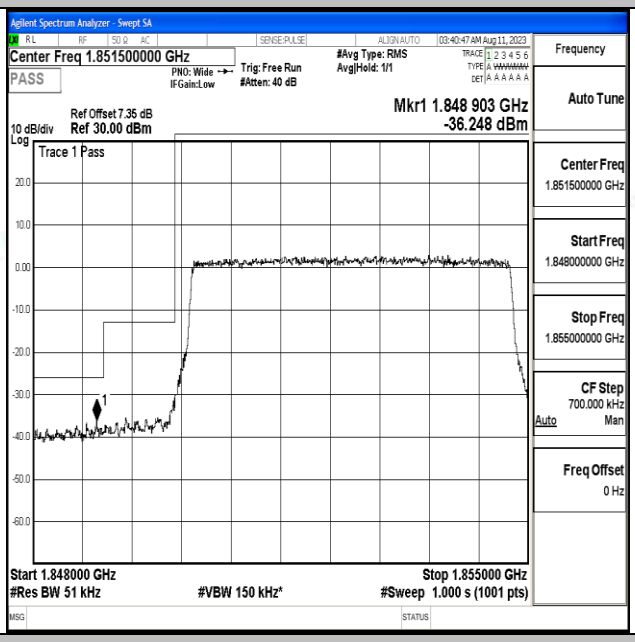
Band2_3MHz_QPSK_19185_15RB#0



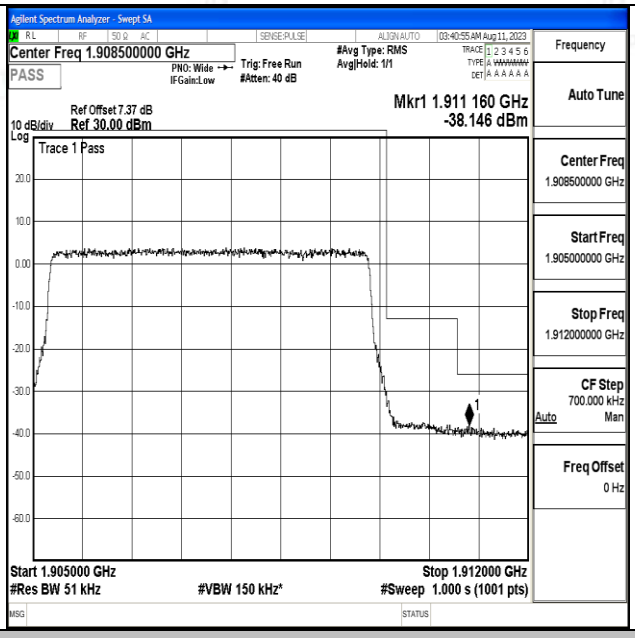
Band2_3MHz_16QAM_19185_15RB#0



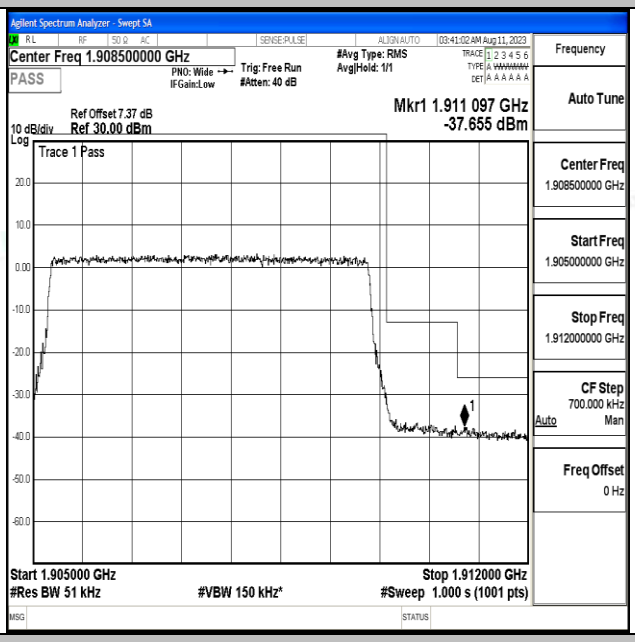
Band2_5MHz_QPSK_18625_25RB#0



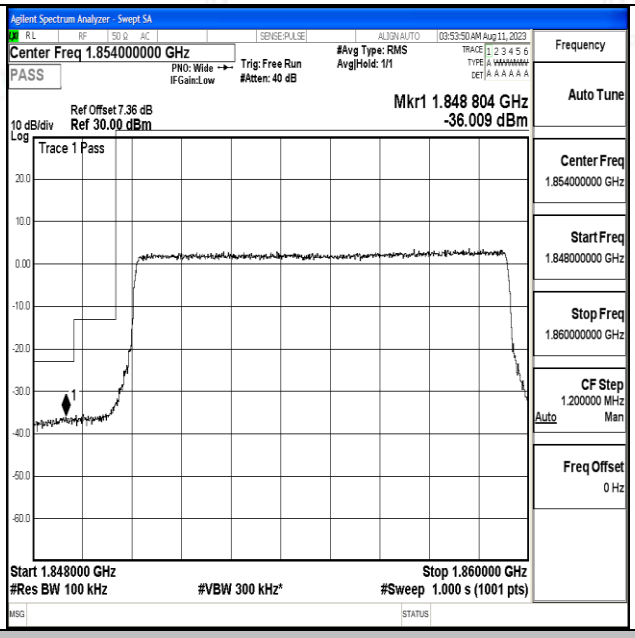
Band2_5MHz_16QAM_18625_25RB#0



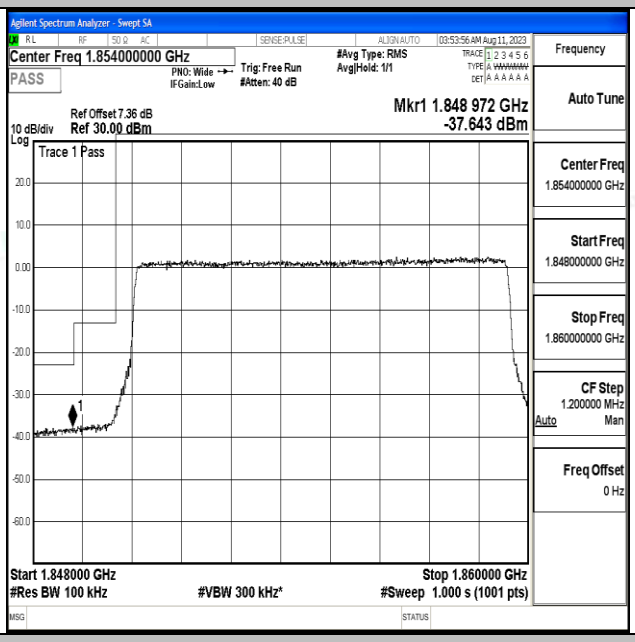
Band2_5MHz_QPSK_19175_25RB#0



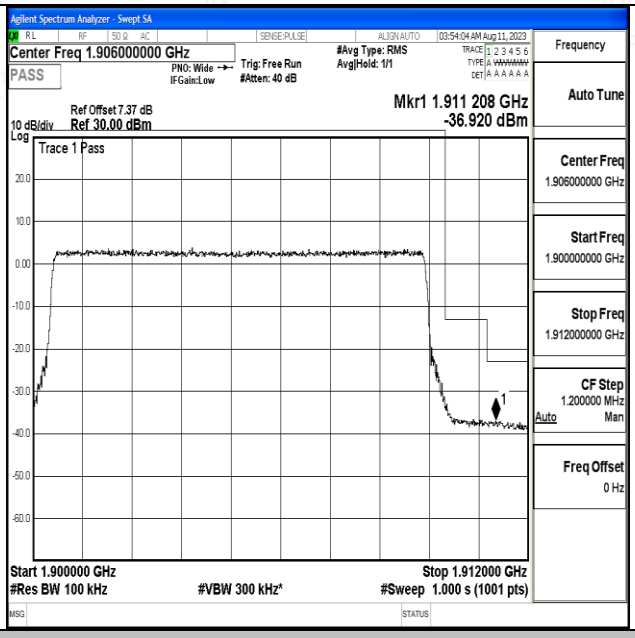
Band2_5MHz_16QAM_19175_25RB#0



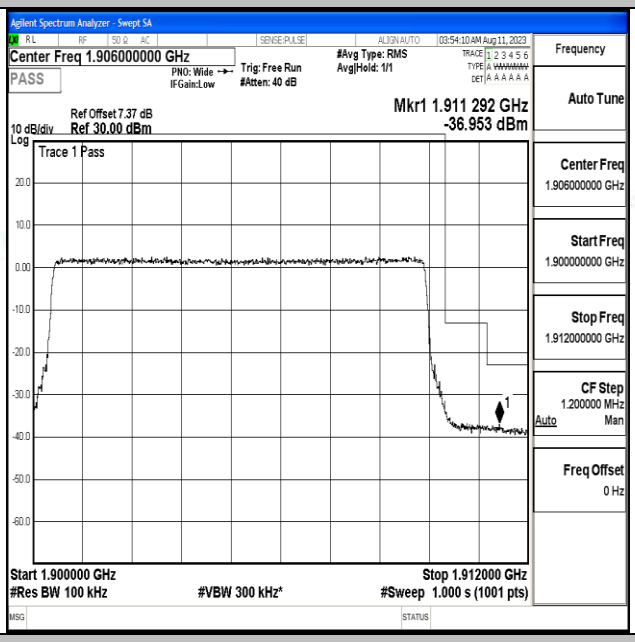
Band2_10MHz_QPSK_18650_50RB#0



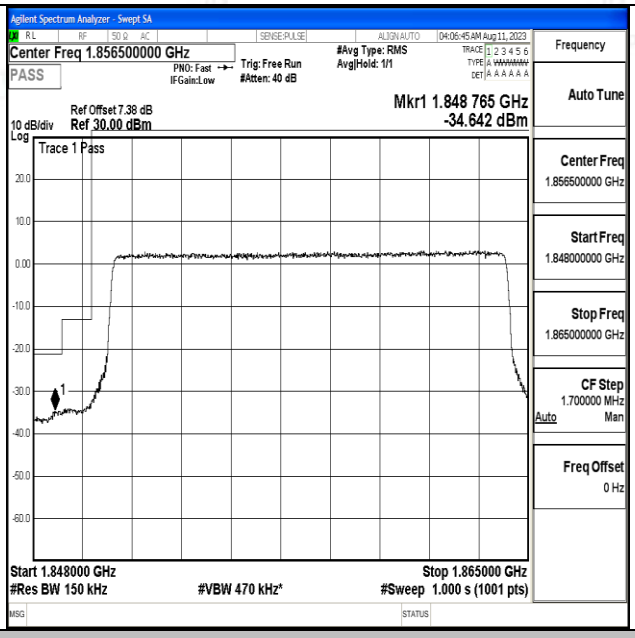
Band2_10MHz_16QAM_18650_50RB#0



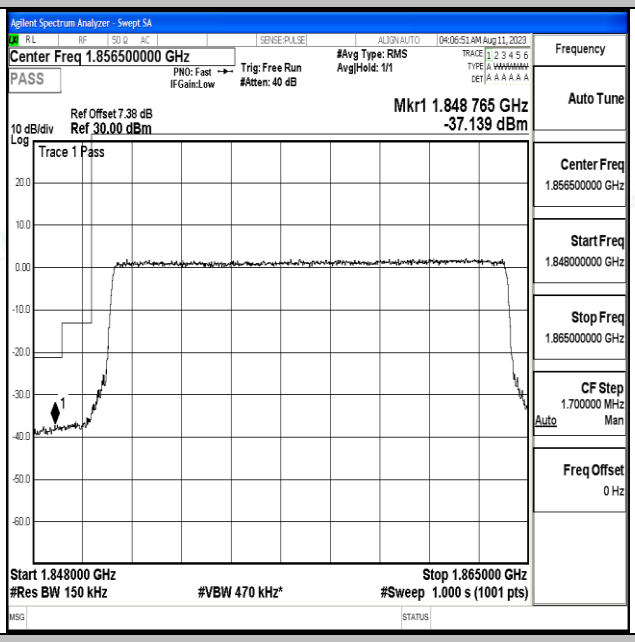
Band2_10MHz_QPSK_19150_50RB#0



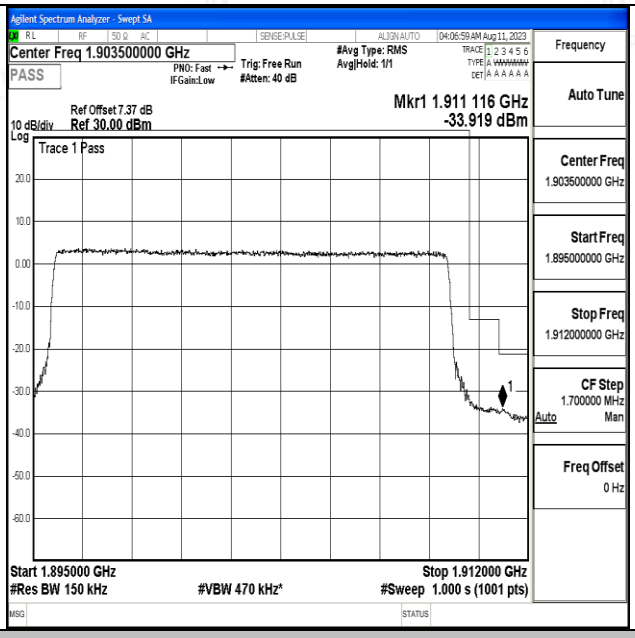
Band2_10MHz_16QAM_19150_50RB#0



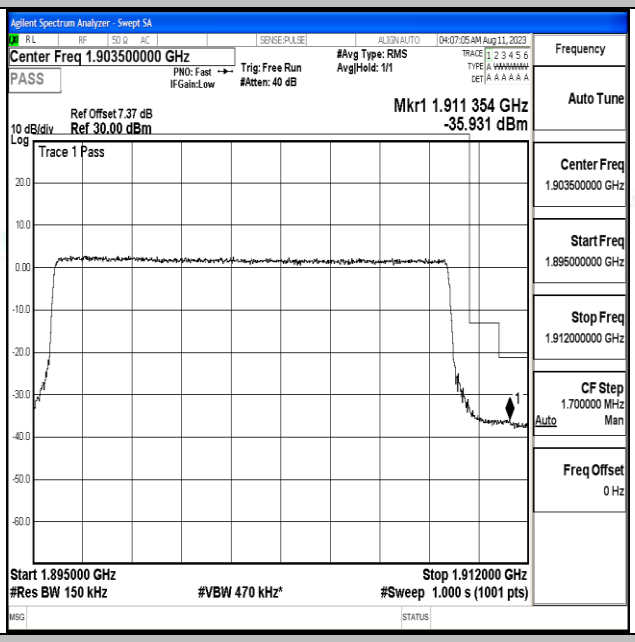
Band2_15MHz_QPSK_18675_75RB#0



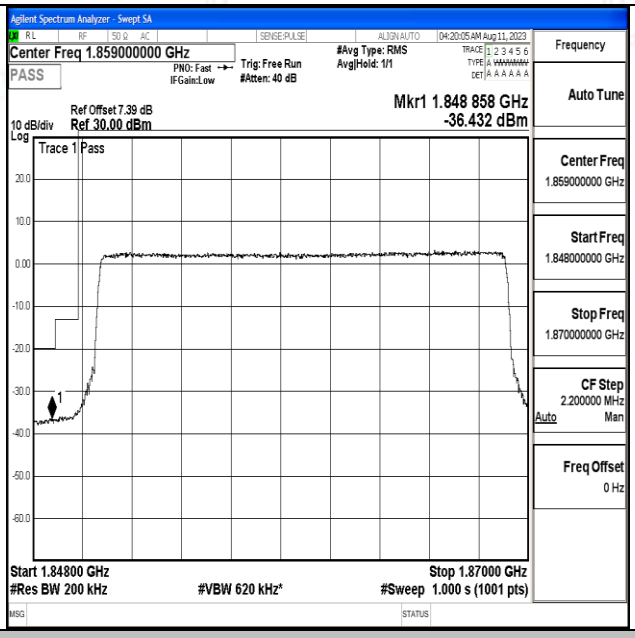
Band2_15MHz_16QAM_18675_75RB#0



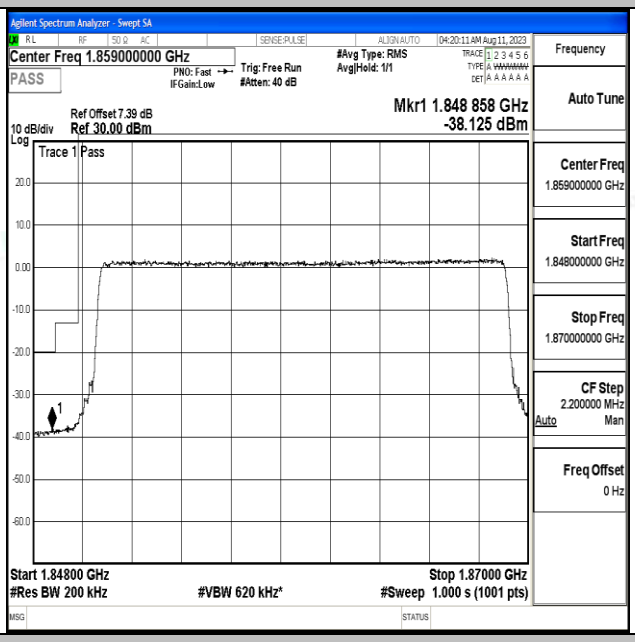
Band2_15MHz_QPSK_19125_75RB#0



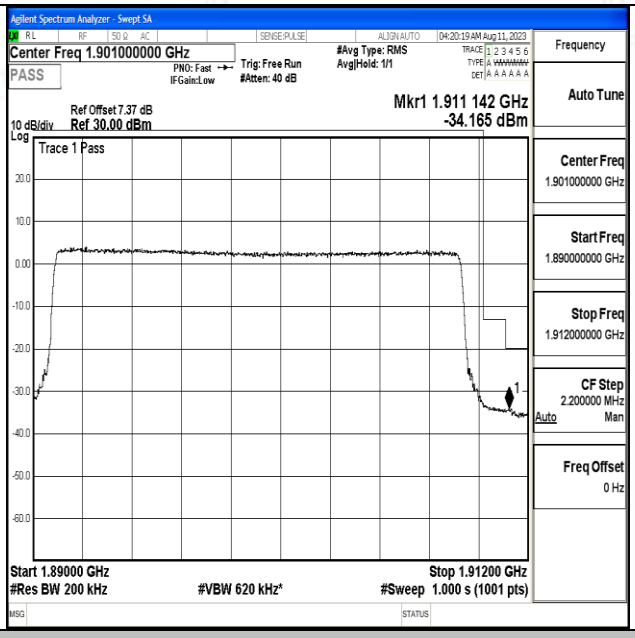
Band2_15MHz_16QAM_19125_75RB#0



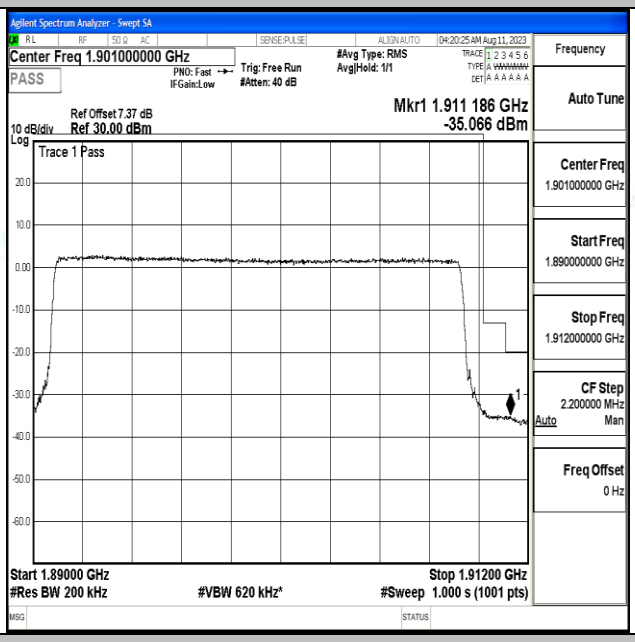
Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_16QAM_18700_100RB#0



Band2_20MHz_QPSK_19100_100RB#0



Band2_20MHz_16QAM_19100_100RB#0

F.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	-62.91	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-51.88	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-53.85	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-44.16	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-33.44	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-63.44	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-51.94	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-53.86	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-42.48	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-33.29	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-62.76	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-52.85	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-53.85	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-43.80	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.22	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-61.56	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-54.48	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-53.89	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-40.58	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-32.96	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-63.22	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-53.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-53.92	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-43.17	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-32.93	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-64.04	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-52.44	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-53.81	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-43.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-33.57	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-62.76	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-52.71	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-53.82	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-45.64	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.43	PASS

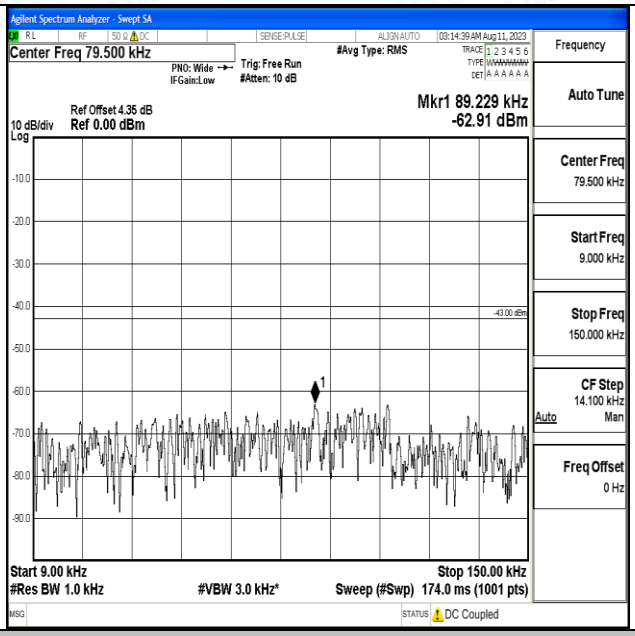
Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-62.43	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-54.14	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-53.62	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-46.11	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.41	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-63.78	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-54.46	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-53.83	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-45.22	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-32.67	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-63.76	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-53.41	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-53.94	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-46.78	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-33.33	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-62.75	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-52.52	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-53.74	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-45.24	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.20	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-63.89	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-54.34	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-53.80	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-40.35	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-33.11	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-63.60	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-51.99	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-53.84	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-47.40	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-32.85	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-63.71	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-51.85	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-53.77	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-46.71	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.10	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-61.88	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-52.37	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-53.91	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-47.52	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-32.87	PASS

Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-62.77	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-53.64	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-53.83	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-47.80	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-33.03	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-61.97	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-52.41	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-53.79	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-47.60	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-33.16	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-63.21	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-52.78	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-53.80	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-47.40	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-33.48	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-61.62	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-53.34	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-53.94	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-47.98	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-33.34	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-64.44	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-52.24	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-53.87	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-48.10	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-33.57	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-63.23	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-53.26	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-53.87	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-47.65	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-33.26	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-62.95	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-54.82	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-53.95	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-48.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-33.45	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-61.77	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-53.36	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-53.90	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-47.97	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.49	PASS

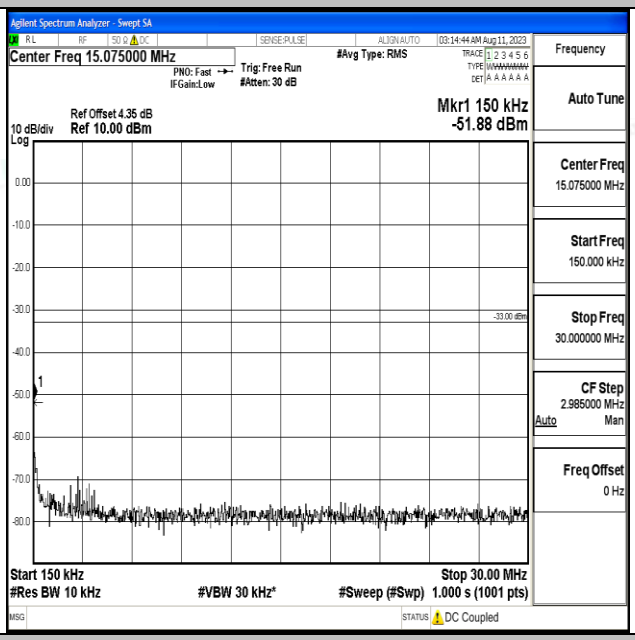
Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-64.42	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-53.23	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-54.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.95	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-33.49	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-62.01	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-53.45	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-53.82	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-47.05	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-32.90	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-63.17	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-52.61	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-53.96	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-47.84	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.37	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-61.01	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-51.89	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-53.92	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-47.46	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-33.39	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-63.23	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-53.29	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-54.01	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-47.95	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-33.17	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-63.90	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-54.82	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-53.88	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-47.72	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.50	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-62.10	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-53.80	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-53.95	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-48.10	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-32.14	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-62.64	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-54.72	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-53.89	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-39.93	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.14	PASS

Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-63.92	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-53.94	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-53.92	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-40.10	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-33.30	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-63.03	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-52.25	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-53.92	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-47.74	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-33.38	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-63.41	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-53.40	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-53.94	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-48.09	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-33.44	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-63.32	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-54.61	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-53.87	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-47.86	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-33.02	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-61.58	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-53.10	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-53.93	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-47.87	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-32.99	PASS

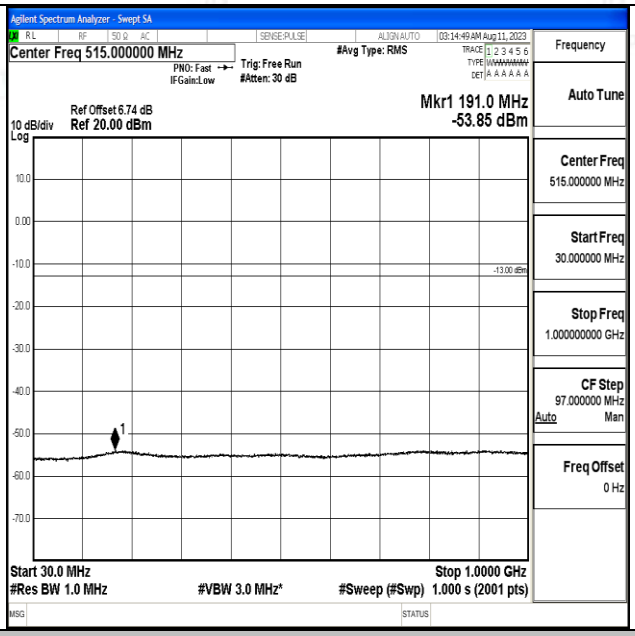
Test Graphs



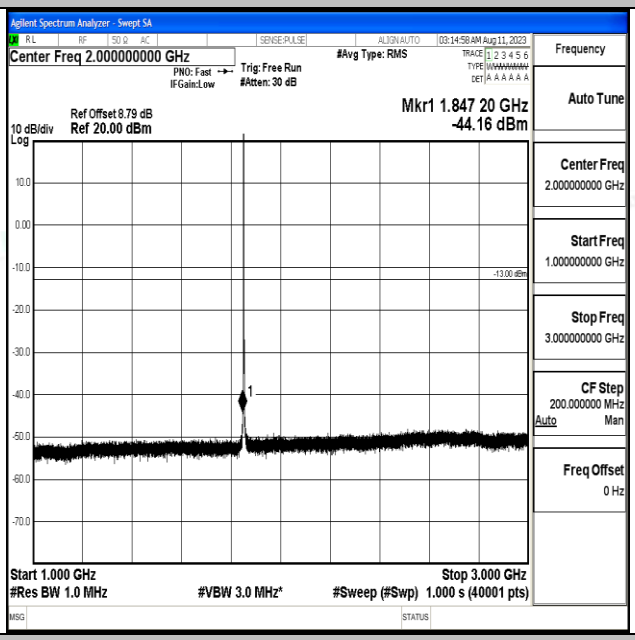
Band2_1.4MHz_QPSK_18607_1RB#0_0.009~0.15_0.009~0.15



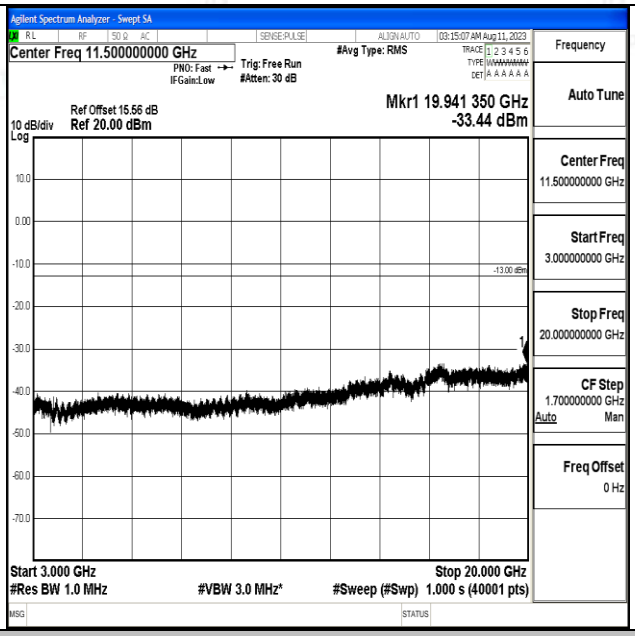
Band2_1.4MHz_QPSK_18607_1RB#0_0.15~30_0.15~30



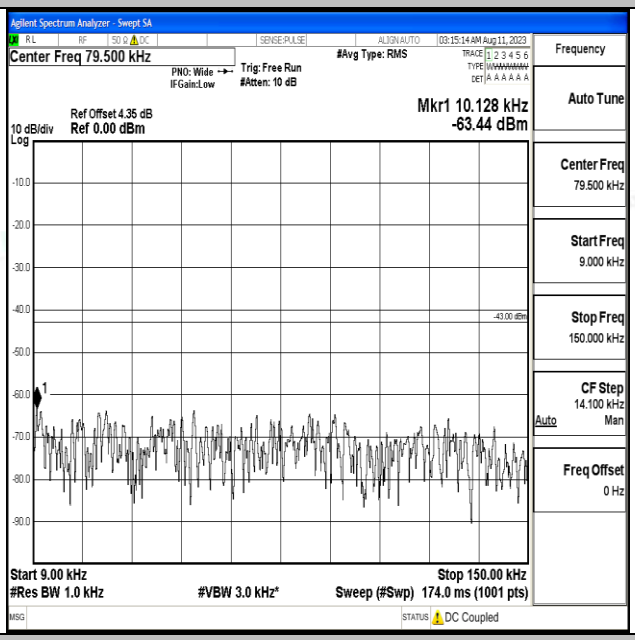
Band2_1.4MHz_QPSK_18607_1RB#0_30~1000_30~1000



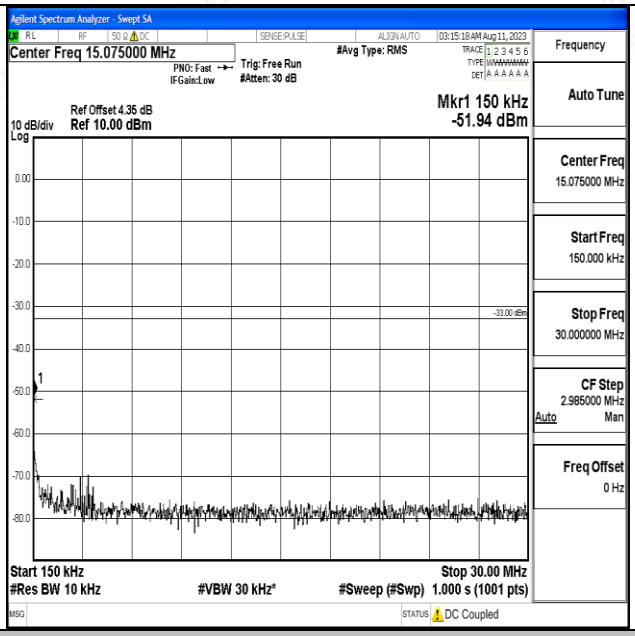
Band2_1.4MHz_QPSK_18607_1RB#0_1000~3000_1000~3000



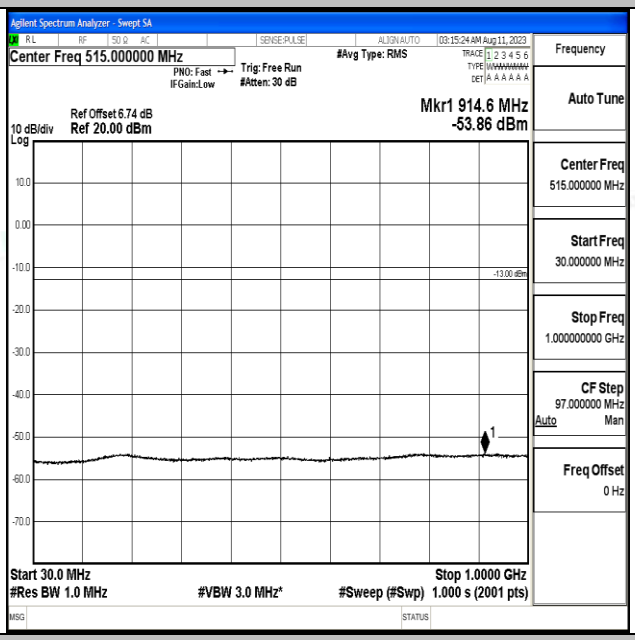
Band2_1.4MHz_QPSK_18607_1RB#0_3000~20000_3000~20000



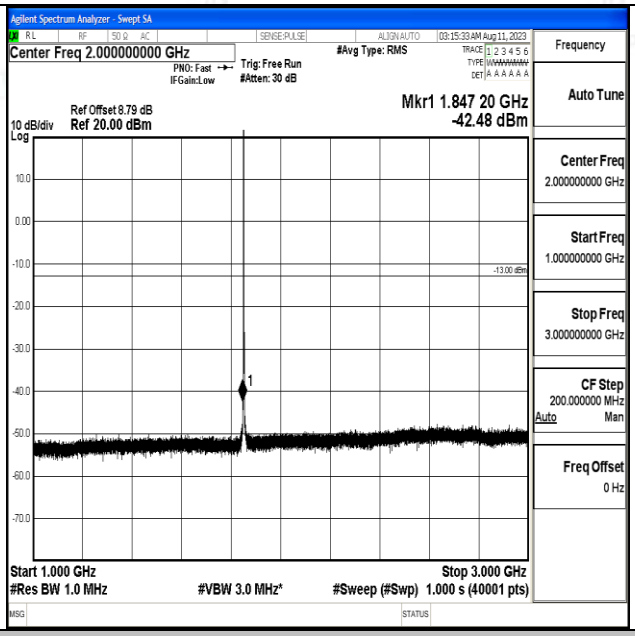
Band2_1.4MHz_16QAM_18607_1RB#0_0.009~0.15_0.009~0.15



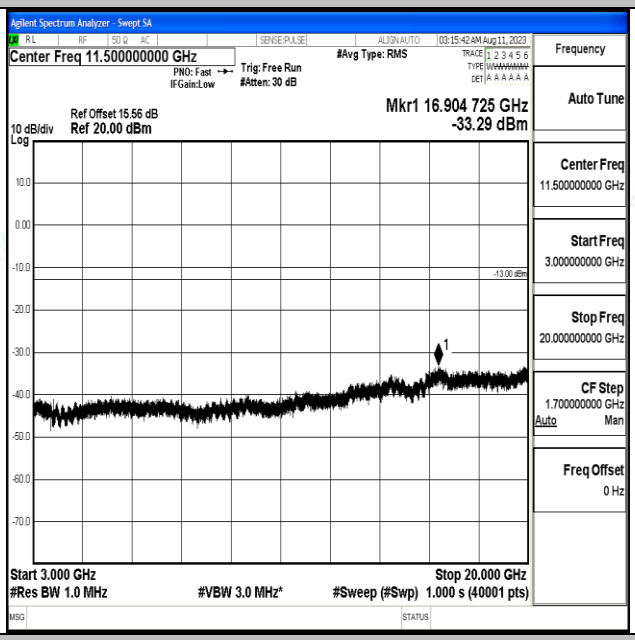
Band2_1.4MHz_16QAM_18607_1RB#0_0.15~30_0.15~30



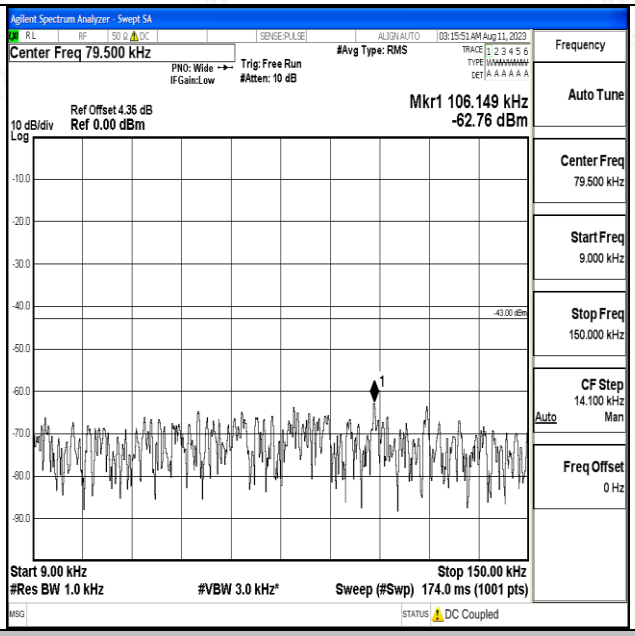
Band2_1.4MHz_16QAM_18607_1RB#0_30~1000_30~1000



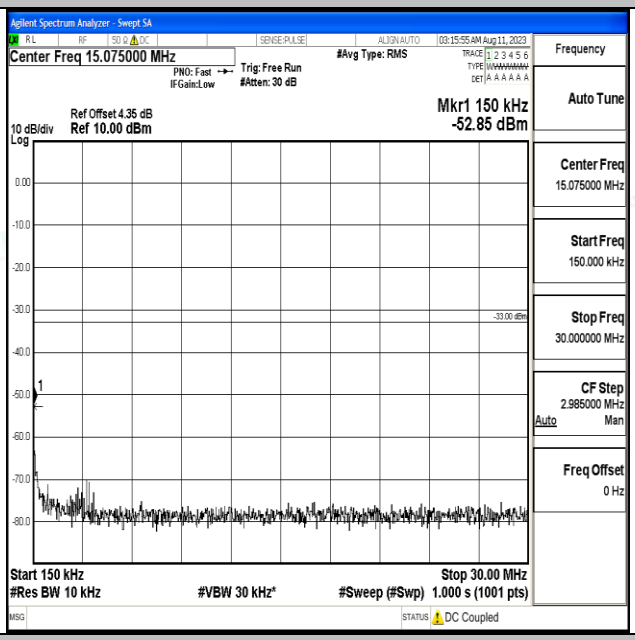
Band2_1.4MHz_16QAM_18607_1RB#0_1000~3000_1000~3000



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