Appendix for LTE BAND 2

Product Name: Smart Phone

Model No: X68

Appendix A: Average Power Output Data

Test Result

Normal:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.18	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.96	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.31	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.23	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.22	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.02	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.29	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.09	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.10	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.37	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.11	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.27	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.73	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.64	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.76	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.82	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.69	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.68	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.83	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.65	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.76	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.64	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.83	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.66	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.78	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.77	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.64	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.45	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.74	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.61	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.67	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.47	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.68	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.54	PASS

Band2	1.4MHz	QPSK	19193	3RB#1	22.69	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.50	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.74	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.54	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.73	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.51	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.28	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.34	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.25	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.26	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.34	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.35	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.34	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.34	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.35	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.35	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.36	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.31	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.33	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.81	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.60	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.83	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.68	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.84	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.67	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.88	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.86	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.85	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.85	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.92	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.84	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.85	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.78	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.59	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.67	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.65	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.75	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.68	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.70	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.71	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.71	PASS

Band2	3MHz	QPSK	19185	8RB#4	21.73	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.70	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.78	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.74	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.68	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.74	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.24	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.25	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.39	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.37	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.24	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.16	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.35	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.30	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.36	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.30	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.32	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.27	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.34	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.37	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.72	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.86	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.87	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.98	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.74	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.81	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.92	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.89	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.90	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.93	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.92	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.93	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.89	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.87	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.55	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.49	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.77	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.65	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.68	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.55	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.69	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.68	PASS

Band2	5MHz	QPSK	19175	12RB#6	21.69	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.69	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.67	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.63	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.69	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.70	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.32	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.35	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.30	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.46	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.12	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.24	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.38	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.40	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.44	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.36	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.41	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.38	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.34	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.40	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.83	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.67	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.01	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.86	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.84	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.67	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.95	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.01	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.96	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.98	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.92	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.95	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.94	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.95	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.61	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.67	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.72	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.77	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.67	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.79	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.78	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.78	PASS

Band2	10MHz	QPSK	19150	25RB#12	21.78	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.79	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.68	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.65	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.69	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.73	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.26	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.35	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.17	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.23	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.91	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.98	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.35	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.31	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.32	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	22.27	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.25	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.75	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.95	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.84	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.98	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.67	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.87	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.95	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.97	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.99	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.93	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.92	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.96	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.92	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.93	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.65	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.74	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.64	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.71	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.59	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.69	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.81	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.82	PASS

Band2	15MHz	QPSK	19125	38RB#18	21.79	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.81	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.79	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.82	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.82	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.68	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.18	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.09	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.40	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.18	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.73	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.64	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.22	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.28	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.21	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.23	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.06	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.10	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.17	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.19	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.67	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.84	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.95	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.95	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.57	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.73	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.96	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.95	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.89	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.95	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.83	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.88	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.86	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.87	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.69	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.68	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.71	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.65	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.56	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.49	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.82	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.83	PASS

Band2	20MHz	QPSK	19100	50RB#25	21.80	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.82	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.60	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.66	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.71	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.66	PASS

Receiver ON:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	17.08	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	17.07	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	17.25	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	17.25	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	17.09	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	17.07	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	17.15	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	17.04	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	17.19	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	17.05	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	17.19	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	17.04	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	17.19	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	17.22	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	16.82	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	16.67	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	16.92	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	16.83	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	16.79	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	16.68	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	16.86	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	16.73	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	16.85	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	16.70	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	16.87	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	16.72	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	16.83	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	16.70	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	16.48	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	16.28	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	16.79	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	16.47	PASS

Band2	1.4MHz	QPSK	19193	1RB#5	16.48	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	16.28	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	16.56	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	16.39	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	16.57	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	16.36	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	16.62	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	16.38	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	16.54	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	16.51	PASS
Band2	3MHz	QPSK	18615	1RB#0	17.20	PASS
Band2	3MHz	16QAM	18615	1RB#0	17.25	PASS
Band2	3MHz	QPSK	18615	1RB#8	17.15	PASS
Band2	3MHz	16QAM	18615	1RB#8	17.25	PASS
Band2	3MHz	QPSK	18615	1RB#14	17.24	PASS
Band2	3MHz	16QAM	18615	1RB#14	17.24	PASS
Band2	3MHz	QPSK	18615	8RB#0	17.14	PASS
Band2	3MHz	16QAM	18615	8RB#0	17.24	PASS
Band2	3MHz	QPSK	18615	8RB#4	17.18	PASS
Band2	3MHz	16QAM	18615	8RB#4	17.31	PASS
Band2	3MHz	QPSK	18615	8RB#7	17.20	PASS
Band2	3MHz	16QAM	18615	8RB#7	17.21	PASS
Band2	3MHz	QPSK	18615	15RB#0	17.20	PASS
Band2	3MHz	16QAM	18615	15RB#0	17.28	PASS
Band2	3MHz	QPSK	18900	1RB#0	16.85	PASS
Band2	3MHz	16QAM	18900	1RB#0	16.79	PASS
Band2	3MHz	QPSK	18900	1RB#8	16.88	PASS
Band2	3MHz	16QAM	18900	1RB#8	16.80	PASS
Band2	3MHz	QPSK	18900	1RB#14	16.84	PASS
Band2	3MHz	16QAM	18900	1RB#14	16.69	PASS
Band2	3MHz	QPSK	18900	8RB#0	16.83	PASS
Band2	3MHz	16QAM	18900	8RB#0	16.82	PASS
Band2	3MHz	QPSK	18900	8RB#4	16.80	PASS
Band2	3MHz	16QAM	18900	8RB#4	16.82	PASS
Band2	3MHz	QPSK	18900	8RB#7	16.87	PASS
Band2	3MHz	16QAM	18900	8RB#7	16.87	PASS
Band2	3MHz	QPSK	18900	15RB#0	16.80	PASS
Band2	3MHz	16QAM	18900	15RB#0	16.76	PASS
Band2	3MHz	QPSK	19185	1RB#0	16.51	PASS
Band2	3MHz	16QAM	19185	1RB#0	16.34	PASS
Band2	3MHz	QPSK	19185	1RB#8	16.58	PASS
Band2	3MHz	16QAM	19185	1RB#8	16.40	PASS

Band2	3MHz	QPSK	19185	1RB#14	16.57	PASS
Band2	3MHz	16QAM	19185	1RB#14	16.41	PASS
Band2	3MHz	QPSK	19185	8RB#0	16.56	PASS
Band2	3MHz	16QAM	19185	8RB#0	16.56	PASS
Band2	3MHz	QPSK	19185	8RB#4	16.53	PASS
Band2	3MHz	16QAM	19185	8RB#4	16.56	PASS
Band2	3MHz	QPSK	19185	8RB#7	16.56	PASS
Band2	3MHz	16QAM	19185	8RB#7	16.58	PASS
Band2	3MHz	QPSK	19185	15RB#0	16.52	PASS
Band2	3MHz	16QAM	19185	15RB#0	16.46	PASS
Band2	5MHz	QPSK	18625	1RB#0	17.11	PASS
Band2	5MHz	16QAM	18625	1RB#0	17.09	PASS
Band2	5MHz	QPSK	18625	1RB#12	17.30	PASS
Band2	5MHz	16QAM	18625	1RB#12	17.22	PASS
Band2	5MHz	QPSK	18625	1RB#24	17.11	PASS
Band2	5MHz	16QAM	18625	1RB#24	17.11	PASS
Band2	5MHz	QPSK	18625	12RB#0	17.22	PASS
Band2	5MHz	16QAM	18625	12RB#0	17.23	PASS
Band2	5MHz	QPSK	18625	12RB#6	17.21	PASS
Band2	5MHz	16QAM	18625	12RB#6	17.18	PASS
Band2	5MHz	QPSK	18625	12RB#13	17.16	PASS
Band2	5MHz	16QAM	18625	12RB#13	17.18	PASS
Band2	5MHz	QPSK	18625	25RB#0	17.14	PASS
Band2	5MHz	16QAM	18625	25RB#0	17.27	PASS
Band2	5MHz	QPSK	18900	1RB#0	16.76	PASS
Band2	5MHz	16QAM	18900	1RB#0	16.86	PASS
Band2	5MHz	QPSK	18900	1RB#12	16.89	PASS
Band2	5MHz	16QAM	18900	1RB#12	17.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	16.72	PASS
Band2	5MHz	16QAM	18900	1RB#24	16.88	PASS
Band2	5MHz	QPSK	18900	12RB#0	16.82	PASS
Band2	5MHz	16QAM	18900	12RB#0	16.94	PASS
Band2	5MHz	QPSK	18900	12RB#6	16.82	PASS
Band2	5MHz	16QAM	18900	12RB#6	16.84	PASS
Band2	5MHz	QPSK	18900	12RB#13	16.83	PASS
Band2	5MHz	16QAM	18900	12RB#13	16.82	PASS
Band2	5MHz	QPSK	18900	25RB#0	16.84	PASS
Band2	5MHz	16QAM	18900	25RB#0	16.86	PASS
Band2	5MHz	QPSK	19175	1RB#0	16.47	PASS
Band2	5MHz	16QAM	19175	1RB#0	16.45	PASS
Band2	5MHz	QPSK	19175	1RB#12	16.64	PASS
Band2	5MHz	16QAM	19175	1RB#12	16.59	PASS

Band2	5MHz	QPSK	19175	1RB#24	16.51	PASS
Band2	5MHz	16QAM	19175	1RB#24	16.42	PASS
Band2	5MHz	QPSK	19175	12RB#0	16.59	PASS
Band2	5MHz	16QAM	19175	12RB#0	16.64	PASS
Band2	5MHz	QPSK	19175	12RB#6	16.55	PASS
Band2	5MHz	16QAM	19175	12RB#6	16.63	PASS
Band2	5MHz	QPSK	19175	12RB#13	16.45	PASS
Band2	5MHz	16QAM	19175	12RB#13	16.58	PASS
Band2	5MHz	QPSK	19175	25RB#0	16.54	PASS
Band2	5MHz	16QAM	19175	25RB#0	16.63	PASS
Band2	10MHz	QPSK	18650	1RB#0	17.19	PASS
Band2	10MHz	16QAM	18650	1RB#0	17.31	PASS
Band2	10MHz	QPSK	18650	1RB#24	17.42	PASS
Band2	10MHz	16QAM	18650	1RB#24	17.45	PASS
Band2	10MHz	QPSK	18650	1RB#49	17.17	PASS
Band2	10MHz	16QAM	18650	1RB#49	17.24	PASS
Band2	10MHz	QPSK	18650	25RB#0	17.21	PASS
Band2	10MHz	16QAM	18650	25RB#0	17.35	PASS
Band2	10MHz	QPSK	18650	25RB#12	17.23	PASS
Band2	10MHz	16QAM	18650	25RB#12	17.37	PASS
Band2	10MHz	QPSK	18650	25RB#25	17.31	PASS
Band2	10MHz	16QAM	18650	25RB#25	17.37	PASS
Band2	10MHz	QPSK	18650	50RB#0	17.23	PASS
Band2	10MHz	16QAM	18650	50RB#0	17.30	PASS
Band2	10MHz	QPSK	18900	1RB#0	16.89	PASS
Band2	10MHz	16QAM	18900	1RB#0	16.72	PASS
Band2	10MHz	QPSK	18900	1RB#24	16.94	PASS
Band2	10MHz	16QAM	18900	1RB#24	16.87	PASS
Band2	10MHz	QPSK	18900	1RB#49	16.82	PASS
Band2	10MHz	16QAM	18900	1RB#49	16.76	PASS
Band2	10MHz	QPSK	18900	25RB#0	16.87	PASS
Band2	10MHz	16QAM	18900	25RB#0	16.95	PASS
Band2	10MHz	QPSK	18900	25RB#12	16.85	PASS
Band2	10MHz	16QAM	18900	25RB#12	16.94	PASS
Band2	10MHz	QPSK	18900	25RB#25	16.82	PASS
Band2	10MHz	16QAM	18900	25RB#25	16.86	PASS
Band2	10MHz	QPSK	18900	50RB#0	16.84	PASS
Band2	10MHz	16QAM	18900	50RB#0	16.89	PASS
Band2	10MHz	QPSK	19150	1RB#0	16.66	PASS
Band2	10MHz	16QAM	19150	1RB#0	16.76	PASS
Band2	10MHz	QPSK	19150	1RB#24	16.68	PASS
Band2	10MHz	16QAM	19150	1RB#24	16.70	PASS

Band2	10MHz	QPSK	19150	1RB#49	16.53	PASS
Band2	10MHz	16QAM	19150	1RB#49	16.61	PASS
Band2	10MHz	QPSK	19150	25RB#0	16.68	PASS
Band2	10MHz	16QAM	19150	25RB#0	16.71	PASS
Band2	10MHz	QPSK	19150	25RB#12	16.68	PASS
Band2	10MHz	16QAM	19150	25RB#12	16.75	PASS
Band2	10MHz	QPSK	19150	25RB#25	16.44	PASS
Band2	10MHz	16QAM	19150	25RB#25	16.54	PASS
Band2	10MHz	QPSK	19150	50RB#0	16.54	PASS
Band2	10MHz	16QAM	19150	50RB#0	16.65	PASS
Band2	15MHz	QPSK	18675	1RB#0	17.19	PASS
Band2	15MHz	16QAM	18675	1RB#0	17.23	PASS
Band2	15MHz	QPSK	18675	1RB#38	17.18	PASS
Band2	15MHz	16QAM	18675	1RB#38	17.35	PASS
Band2	15MHz	QPSK	18675	1RB#74	16.98	PASS
Band2	15MHz	16QAM	18675	1RB#74	17.10	PASS
Band2	15MHz	QPSK	18675	38RB#0	17.24	PASS
Band2	15MHz	16QAM	18675	38RB#0	17.24	PASS
Band2	15MHz	QPSK	18675	38RB#18	17.28	PASS
Band2	15MHz	16QAM	18675	38RB#18	17.26	PASS
Band2	15MHz	QPSK	18675	38RB#37	17.22	PASS
Band2	15MHz	16QAM	18675	38RB#37	17.23	PASS
Band2	15MHz	QPSK	18675	75RB#0	17.21	PASS
Band2	15MHz	16QAM	18675	75RB#0	17.23	PASS
Band2	15MHz	QPSK	18900	1RB#0	16.79	PASS
Band2	15MHz	16QAM	18900	1RB#0	17.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	16.85	PASS
Band2	15MHz	16QAM	18900	1RB#38	17.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	16.68	PASS
Band2	15MHz	16QAM	18900	1RB#74	16.77	PASS
Band2	15MHz	QPSK	18900	38RB#0	16.89	PASS
Band2	15MHz	16QAM	18900	38RB#0	16.86	PASS
Band2	15MHz	QPSK	18900	38RB#18	16.86	PASS
Band2	15MHz	16QAM	18900	38RB#18	16.90	PASS
Band2	15MHz	QPSK	18900	38RB#37	16.87	PASS
Band2	15MHz	16QAM	18900	38RB#37	16.90	PASS
Band2	15MHz	QPSK	18900	75RB#0	16.91	PASS
Band2	15MHz	16QAM	18900	75RB#0	16.88	PASS
Band2	15MHz	QPSK	19125	1RB#0	16.82	PASS
Band2	15MHz	16QAM	19125	1RB#0	16.76	PASS
Band2	15MHz	QPSK	19125	1RB#38	16.62	PASS
Band2	15MHz	16QAM	19125	1RB#38	16.69	PASS

Band2	15MHz	QPSK	19125	1RB#74	16.43	PASS
Band2	15MHz	16QAM	19125	1RB#74	16.61	PASS
Band2	15MHz	QPSK	19125	38RB#0	16.70	PASS
Band2	15MHz	16QAM	19125	38RB#0	16.67	PASS
Band2	15MHz	QPSK	19125	38RB#18	16.69	PASS
Band2	15MHz	16QAM	19125	38RB#18	16.71	PASS
Band2	15MHz	QPSK	19125	38RB#37	16.71	PASS
Band2	15MHz	16QAM	19125	38RB#37	16.71	PASS
Band2	15MHz	QPSK	19125	75RB#0	16.71	PASS
Band2	15MHz	16QAM	19125	75RB#0	16.58	PASS
Band2	20MHz	QPSK	18700	1RB#0	17.07	PASS
Band2	20MHz	16QAM	18700	1RB#0	17.02	PASS
Band2	20MHz	QPSK	18700	1RB#49	17.51	PASS
Band2	20MHz	16QAM	18700	1RB#49	17.31	PASS
Band2	20MHz	QPSK	18700	1RB#99	16.80	PASS
Band2	20MHz	16QAM	18700	1RB#99	16.75	PASS
Band2	20MHz	QPSK	18700	50RB#0	17.22	PASS
Band2	20MHz	16QAM	18700	50RB#0	17.26	PASS
Band2	20MHz	QPSK	18700	50RB#25	17.21	PASS
Band2	20MHz	16QAM	18700	50RB#25	17.25	PASS
Band2	20MHz	QPSK	18700	50RB#50	17.17	PASS
Band2	20MHz	16QAM	18700	50RB#50	17.24	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.16	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.26	PASS
Band2	20MHz	QPSK	18900	1RB#0	16.82	PASS
Band2	20MHz	16QAM	18900	1RB#0	16.91	PASS
Band2	20MHz	QPSK	18900	1RB#49	17.01	PASS
Band2	20MHz	16QAM	18900	1RB#49	17.11	PASS
Band2	20MHz	QPSK	18900	1RB#99	16.63	PASS
Band2	20MHz	16QAM	18900	1RB#99	16.82	PASS
Band2	20MHz	QPSK	18900	50RB#0	16.95	PASS
Band2	20MHz	16QAM	18900	50RB#0	17.02	PASS
Band2	20MHz	QPSK	18900	50RB#25	16.97	PASS
Band2	20MHz	16QAM	18900	50RB#25	16.99	PASS
Band2	20MHz	QPSK	18900	50RB#50	16.88	PASS
Band2	20MHz	16QAM	18900	50RB#50	16.93	PASS
Band2	20MHz	QPSK	18900	100RB#0	16.84	PASS
Band2	20MHz	16QAM	18900	100RB#0	16.92	PASS
Band2	20MHz	QPSK	19100	1RB#0	16.79	PASS
Band2	20MHz	16QAM	19100	1RB#0	16.72	PASS
Band2	20MHz	QPSK	19100	1RB#49	16.81	PASS
Band2	20MHz	16QAM	19100	1RB#49	16.75	PASS

Band2	20MHz	QPSK	19100	1RB#99	16.41	PASS
Band2	20MHz	16QAM	19100	1RB#99	16.38	PASS
Band2	20MHz	QPSK	19100	50RB#0	16.86	PASS
Band2	20MHz	16QAM	19100	50RB#0	16.90	PASS
Band2	20MHz	QPSK	19100	50RB#25	16.82	PASS
Band2	20MHz	16QAM	19100	50RB#25	16.89	PASS
Band2	20MHz	QPSK	19100	50RB#50	16.52	PASS
Band2	20MHz	16QAM	19100	50RB#50	16.58	PASS
Band2	20MHz	QPSK	19100	100RB#0	16.70	PASS
Band2	20MHz	16QAM	19100	100RB#0	16.72	PASS

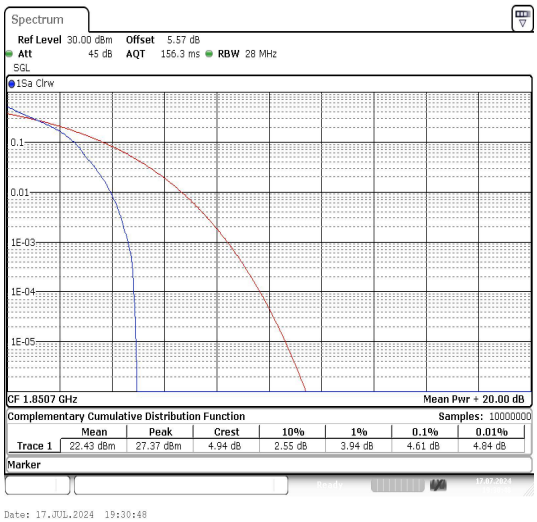
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

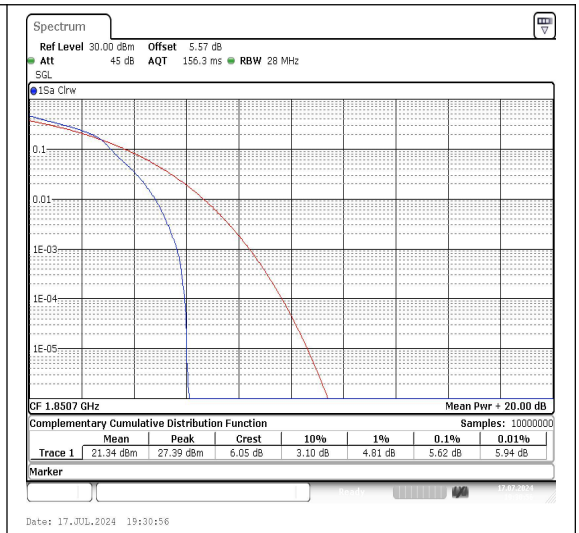
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.61	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.62	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.13	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.00	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.67	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.51	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.25	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.12	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.91	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.04	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.67	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.59	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.61	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.48	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.25	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.09	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.61	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.45	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.30	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.14	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.03	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	4.96	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.84	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.77	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.75	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.39	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.33	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.12	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.78	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.48	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.36	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.12	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.29	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.07	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.99	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.80	13	PASS

Band2	10MHz	QPSK	18650	1RB#0	4.64	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.51	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.33	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.14	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.64	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.48	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.33	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.14	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.38	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.22	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.04	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.88	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.70	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.54	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.54	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.23	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.58	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.42	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.54	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.20	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.55	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.42	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.30	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.03	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.67	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.36	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.28	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.52	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.22	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.28	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.14	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.61	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.33	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.16	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.03	13	PASS

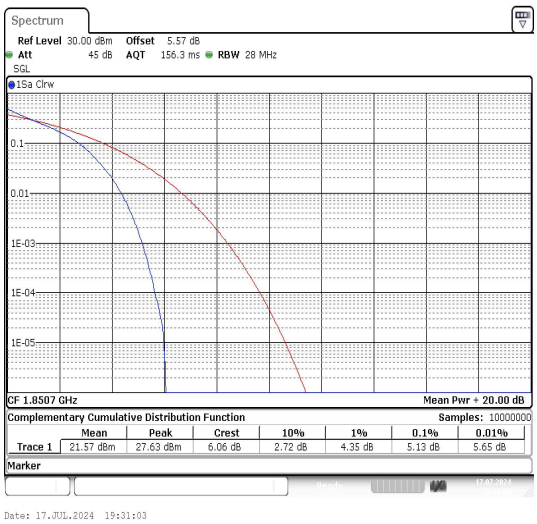
Test Graphs



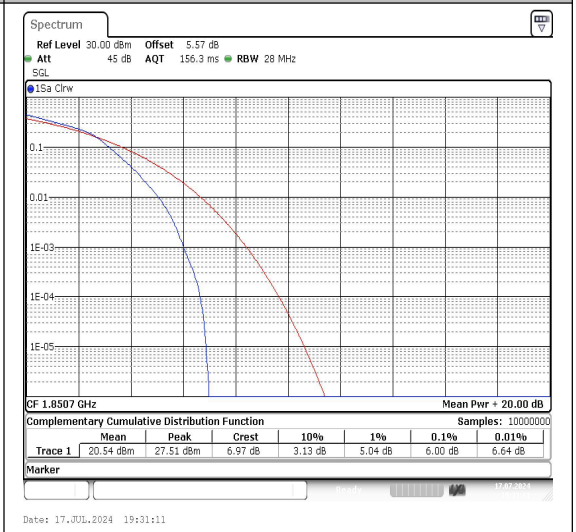
Band2-1.4MHz-QPSK-18607-1RB#0-PASS



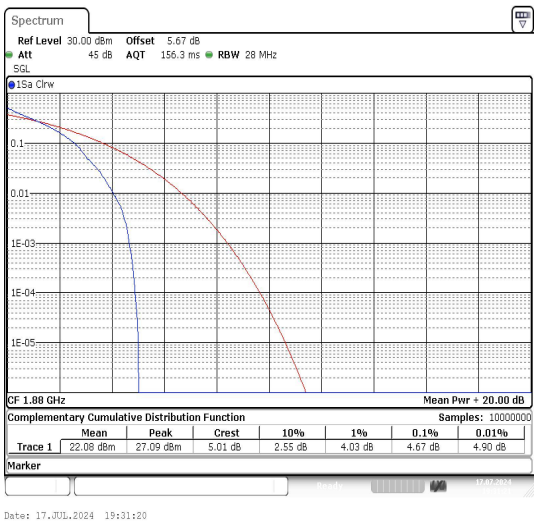
Band2-1.4MHz-16QAM-18607-1RB#0-PASS



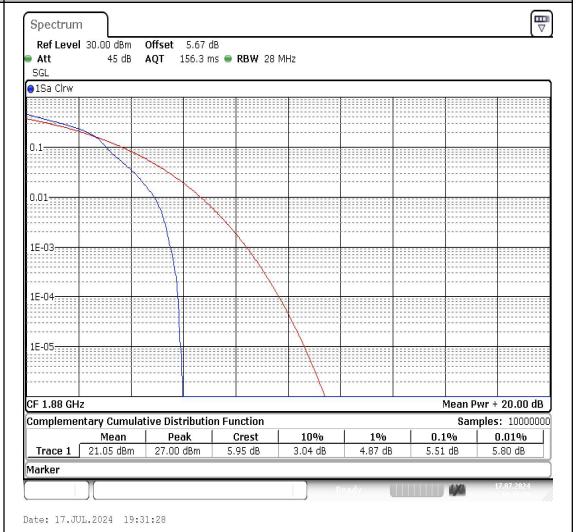
Band2-1.4MHz-QPSK-18607-6RB#0-PASS



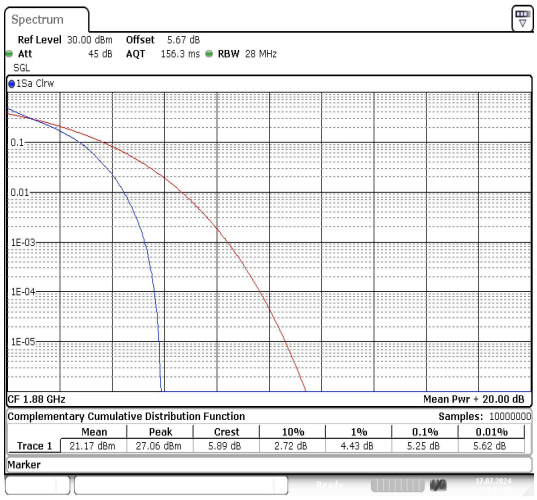
Band2-1.4MHz-16QAM-18607-6RB#0-PASS



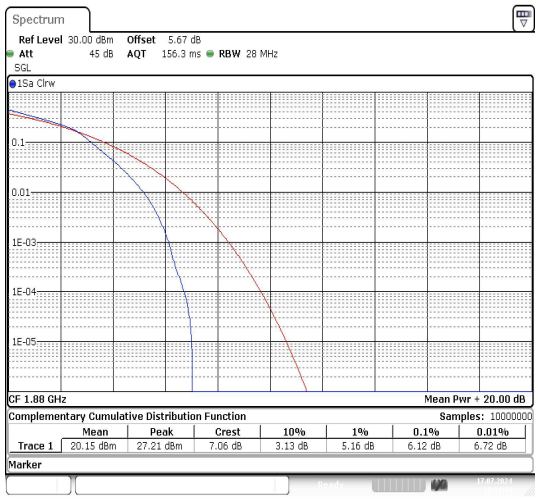
Band2-1.4MHz-QPSK-18900-1RB#0-PASS



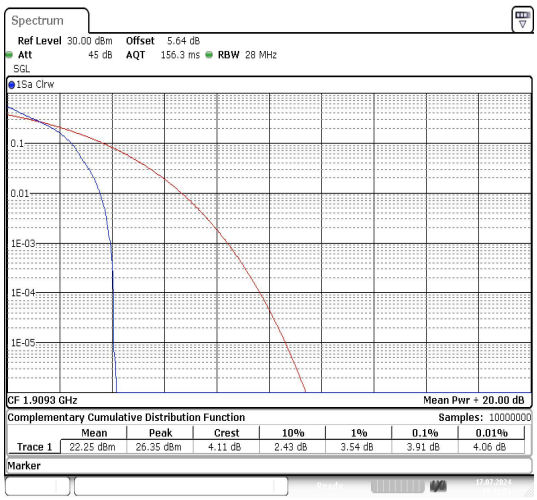
Band2-1.4MHz-16QAM-18900-1RB#0-PASS



Band2-1.4MHz-QPSK-18900-6RB#0-PASS



Band2-1.4MHz-16QAM-18900-6RB#0-PASS



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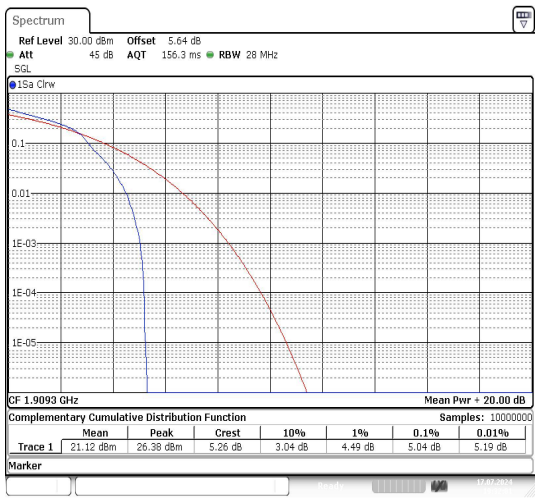

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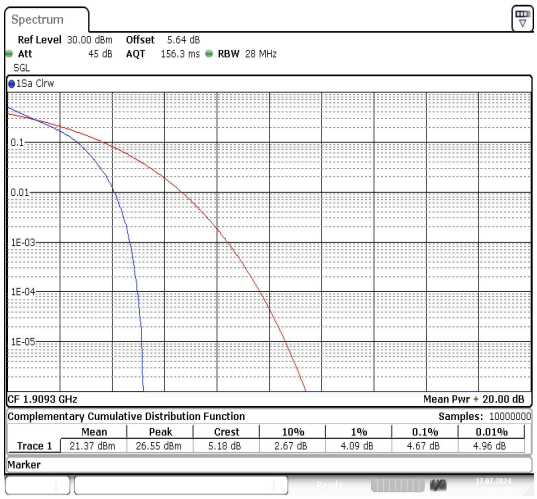

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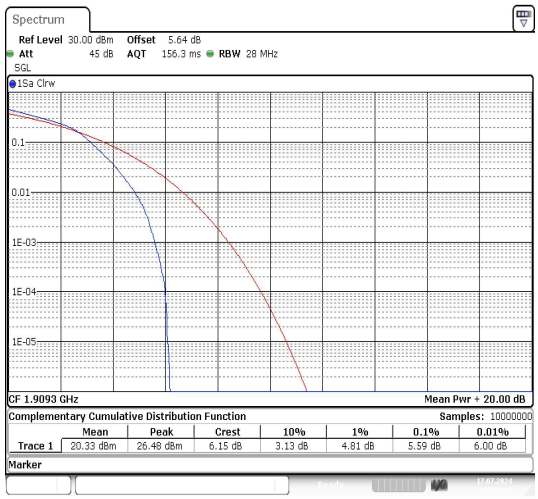

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