Appendix for LTE Band 2

Product Name: 5G Window CPE
Model No: TITAN 5100

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.56	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	20.40	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.61	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.55	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.55	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	20.50	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.62	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.68	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.60	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.66	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.60	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	20.63	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.60	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.53	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.34	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.25	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.35	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.28	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.31	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.32	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.38	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	20.38	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.39	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	20.38	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	21.40	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.35	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.38	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	19.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.30	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.32	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	20.48	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.30	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.29	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.32	PASS

Band2	1.4MHz	16QAM	19193	3RB#0	20.33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.35	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.34	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.36	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.34	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.40	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.52	PASS
Band2	3MHz	16QAM	18615	1RB#0	20.48	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.59	PASS
Band2	3MHz	16QAM	18615	1RB#8	20.47	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.56	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.60	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.60	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.65	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.62	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.65	PASS
Band2	3MHz	QPSK	18615	8RB#7	20.60	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.62	PASS
Band2	3MHz	QPSK	18615	15RB#0	20.61	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.57	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.32	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.23	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.40	PASS
Band2	3MHz	16QAM	18900	1RB#8	20.44	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.36	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.09	PASS
Band2	3MHz	QPSK	18900	8RB#0	20.41	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.36	PASS
Band2	3MHz	QPSK	18900	8RB#4	20.43	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.35	PASS
Band2	3MHz	QPSK	18900	8RB#7	20.38	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.39	PASS
Band2	3MHz	QPSK	18900	15RB#0	20.40	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.45	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.25	PASS
Band2	3MHz	16QAM	19185	1RB#0	20.37	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.33	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.36	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.33	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.31	PASS
Band2	3MHz	QPSK	19185	8RB#0	20.42	PASS

Band2	3MHz	16QAM	19185	8RB#0	20.31	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.38	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.30	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.39	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.31	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.35	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.37	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.54	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.55	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.59	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.53	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.49	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.46	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.62	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.56	PASS
Band2	5MHz	QPSK	18625	12RB#6	20.58	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.56	PASS
Band2	5MHz	QPSK	18625	12RB#13	20.54	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.67	PASS
Band2	5MHz	QPSK	18625	25RB#0	20.50	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.54	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.43	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.51	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.43	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.29	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.35	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.47	PASS
Band2	5MHz	QPSK	18900	12RB#0	20.46	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.46	PASS
Band2	5MHz	QPSK	18900	12RB#6	20.41	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.39	PASS
Band2	5MHz	QPSK	18900	12RB#13	20.41	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.48	PASS
Band2	5MHz	QPSK	18900	25RB#0	20.43	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.40	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.35	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.37	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.42	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.40	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.33	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.35	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.33	PASS

Band2	5MHz	16QAM	19175	12RB#0	19.41	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.34	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.25	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.40	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.44	PASS
Band2	5MHz	QPSK	19175	25RB#0	20.35	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.36	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.60	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.65	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.61	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.59	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.57	PASS
Band2	10MHz	16QAM	18650	1RB#49	20.58	PASS
Band2	10MHz	QPSK	18650	25RB#0	20.68	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.67	PASS
Band2	10MHz	QPSK	18650	25RB#12	20.63	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.67	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.62	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.62	PASS
Band2	10MHz	QPSK	18650	50RB#0	20.64	PASS
Band2	10MHz	16QAM	18650	50RB#0	19.67	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.38	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.38	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.42	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.34	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.39	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.36	PASS
Band2	10MHz	QPSK	18900	25RB#0	20.47	PASS
Band2	10MHz	16QAM	18900	25RB#0	19.45	PASS
Band2	10MHz	QPSK	18900	25RB#12	20.43	PASS
Band2	10MHz	16QAM	18900	25RB#12	19.42	PASS
Band2	10MHz	QPSK	18900	25RB#25	20.47	PASS
Band2	10MHz	16QAM	18900	25RB#25	19.49	PASS
Band2	10MHz	QPSK	18900	50RB#0	20.47	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.49	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.42	PASS
Band2	10MHz	16QAM	19150	1RB#0	20.39	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.39	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.35	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.36	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.38	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.39	PASS

Band2	10MHz	16QAM	19150	25RB#0	19.32	PASS
Band2	10MHz	QPSK	19150	25RB#12	20.42	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.37	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.47	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.49	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.46	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.48	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.53	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.51	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.35	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.45	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.37	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.30	PASS
Band2	15MHz	QPSK	18675	38RB#0	20.41	PASS
Band2	15MHz	16QAM	18675	38RB#0	20.39	PASS
Band2	15MHz	QPSK	18675	38RB#18	20.40	PASS
Band2	15MHz	16QAM	18675	38RB#18	20.40	PASS
Band2	15MHz	QPSK	18675	38RB#37	20.40	PASS
Band2	15MHz	16QAM	18675	38RB#37	20.43	PASS
Band2	15MHz	QPSK	18675	75RB#0	20.43	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.42	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.21	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.18	PASS
Band2	15MHz	QPSK	18900	1RB#38	21.30	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.20	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.19	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.13	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.35	PASS
Band2	15MHz	16QAM	18900	38RB#0	20.34	PASS
Band2	15MHz	QPSK	18900	38RB#18	20.29	PASS
Band2	15MHz	16QAM	18900	38RB#18	20.30	PASS
Band2	15MHz	QPSK	18900	38RB#37	20.31	PASS
Band2	15MHz	16QAM	18900	38RB#37	20.32	PASS
Band2	15MHz	QPSK	18900	75RB#0	20.32	PASS
Band2	15MHz	16QAM	18900	75RB#0	19.34	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.40	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.24	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.24	PASS
Band2	15MHz	16QAM	19125	1RB#38	20.36	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.24	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.34	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.37	PASS

Band2	15MHz	16QAM	19125	38RB#0	20.36	PASS
Band2	15MHz	QPSK	19125	38RB#18	20.36	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.36	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.37	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.37	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.37	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.41	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.53	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.54	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.39	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.53	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.20	PASS
Band2	20MHz	16QAM	18700	1RB#99	20.30	PASS
Band2	20MHz	QPSK	18700	50RB#0	20.59	PASS
Band2	20MHz	16QAM	18700	50RB#0	19.59	PASS
Band2	20MHz	QPSK	18700	50RB#25	20.55	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.55	PASS
Band2	20MHz	QPSK	18700	50RB#50	20.37	PASS
Band2	20MHz	16QAM	18700	50RB#50	19.39	PASS
Band2	20MHz	QPSK	18700	100RB#0	20.49	PASS
Band2	20MHz	16QAM	18700	100RB#0	19.47	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.43	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.16	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.28	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.12	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.24	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.07	PASS
Band2	20MHz	QPSK	18900	50RB#0	20.37	PASS
Band2	20MHz	16QAM	18900	50RB#0	19.36	PASS
Band2	20MHz	QPSK	18900	50RB#25	20.39	PASS
Band2	20MHz	16QAM	18900	50RB#25	19.39	PASS
Band2	20MHz	QPSK	18900	50RB#50	20.34	PASS
Band2	20MHz	16QAM	18900	50RB#50	19.35	PASS
Band2	20MHz	QPSK	18900	100RB#0	20.35	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.34	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.45	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.46	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.32	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.40	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.26	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.24	PASS
Band2	20MHz	QPSK	19100	50RB#0	20.40	PASS

Band2	20MHz	16QAM	19100	50RB#0	19.34	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.37	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.33	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.41	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.39	PASS
Band2	20MHz	QPSK	19100	100RB#0	20.34	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.32	PASS

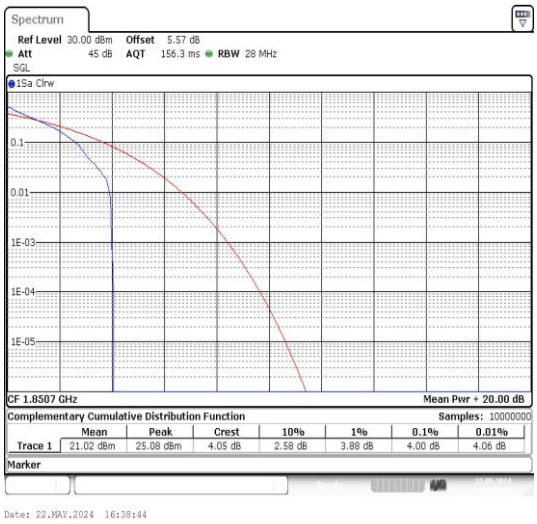
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

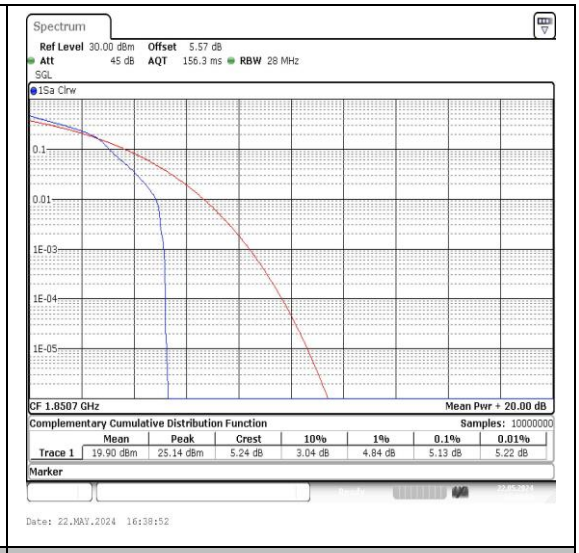
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.00	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.13	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	4.87	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.86	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.09	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.10	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.90	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.86	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.14	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.13	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.99	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.91	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.03	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.07	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.93	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.91	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.12	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.13	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.96	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.91	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.12	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.13	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.01	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.00	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.06	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.04	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.99	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.94	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.12	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.07	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.93	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.91	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.14	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.13	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.04	13	PASS

Band2	5MHz	16QAM	19175	25RB#0	6.03	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.03	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.04	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.07	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.00	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.14	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.13	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.01	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.94	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.17	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.22	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.13	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.06	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.26	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.07	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.30	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.17	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.26	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.19	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.19	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.06	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.29	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.25	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.30	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.14	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.12	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.13	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.22	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.23	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.28	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.13	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.06	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.20	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.22	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.22	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.14	13	PASS

Test Graphs



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



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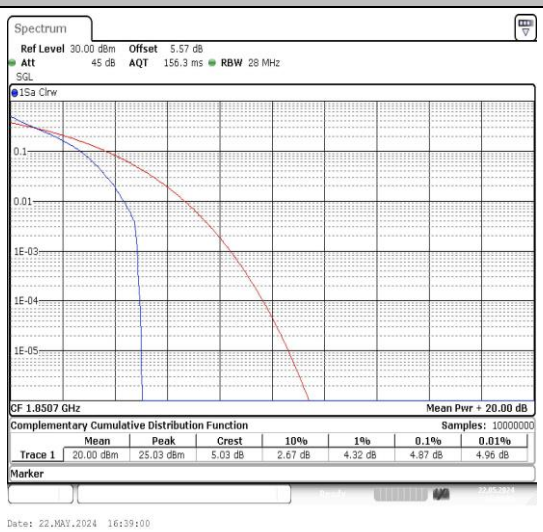

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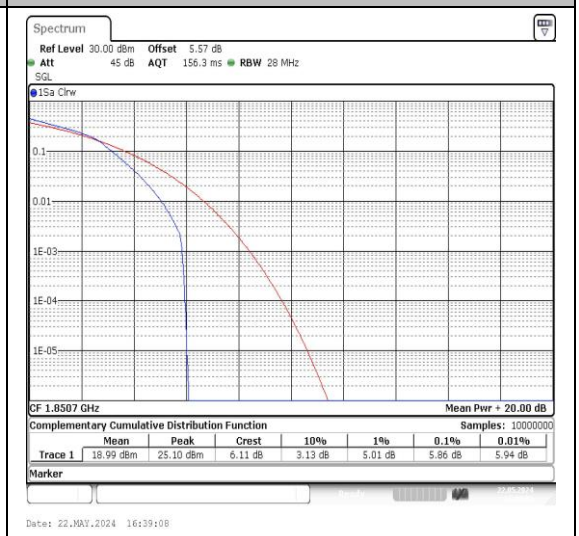

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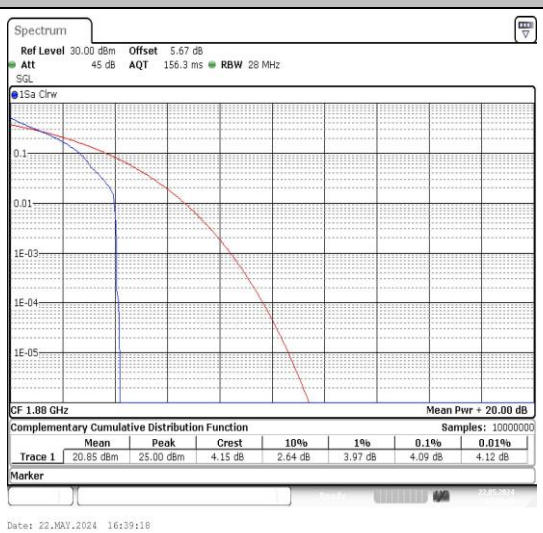

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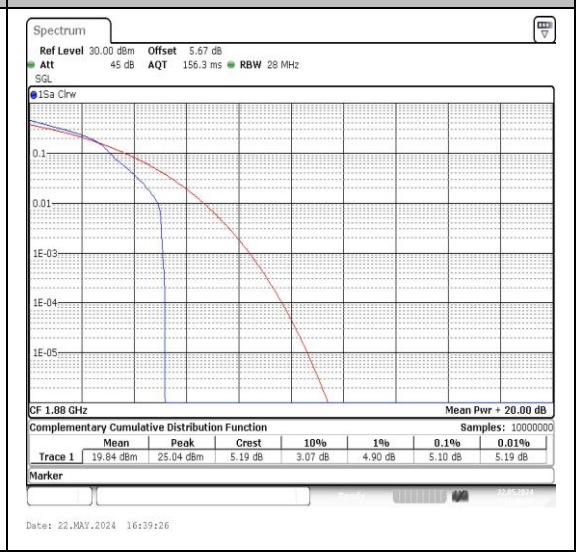
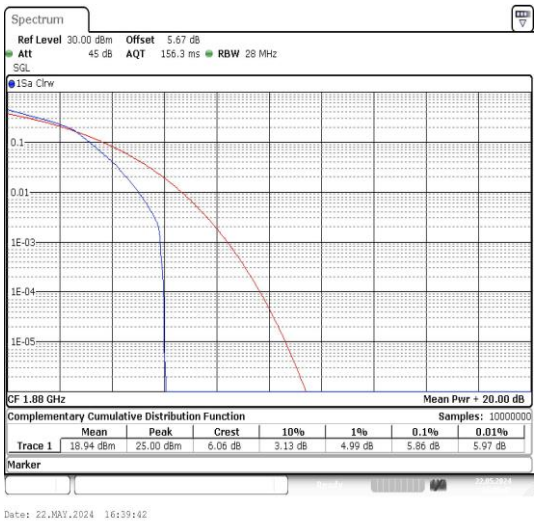


Band2-1.4MHz-16QAM-18607-6RB#0-PASS

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

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



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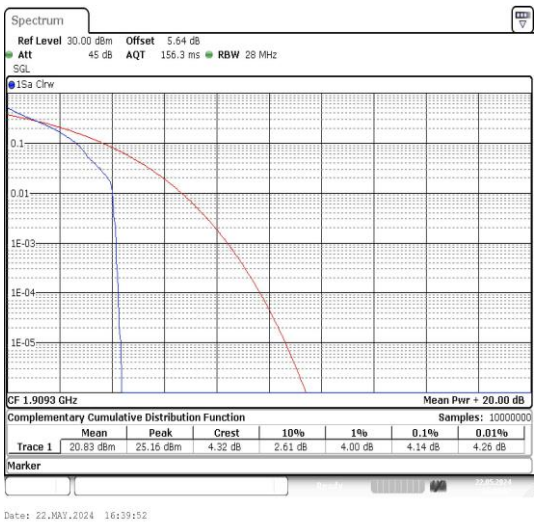

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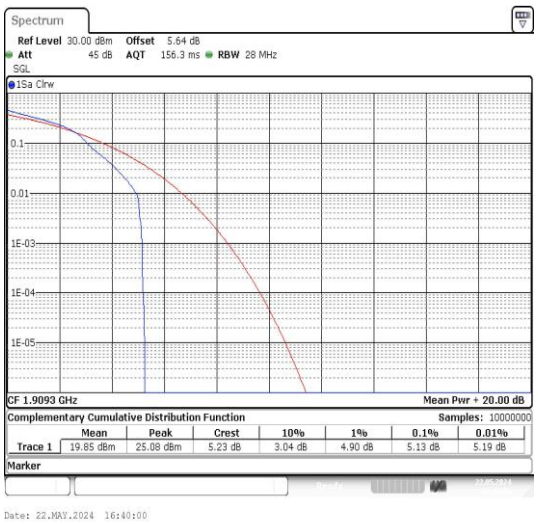
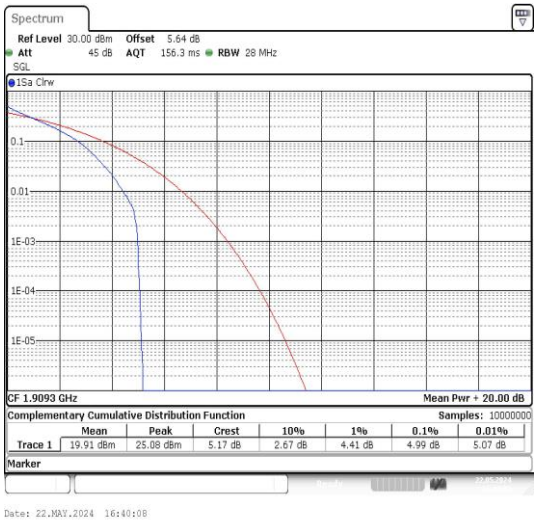


Band2-1.4MHz-QPSK-19193-1RB#0-PASS



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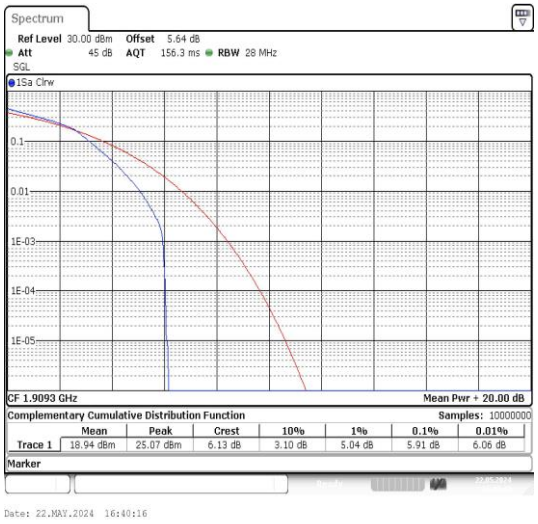
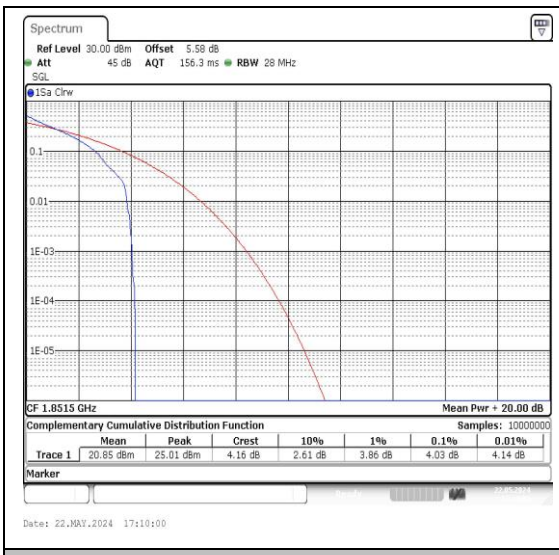


Band2-1.4MHz-QPSK-19193-6RB#0-PASS

Band2-1.4MHz-16QAM-19193-6RB#0-PASS



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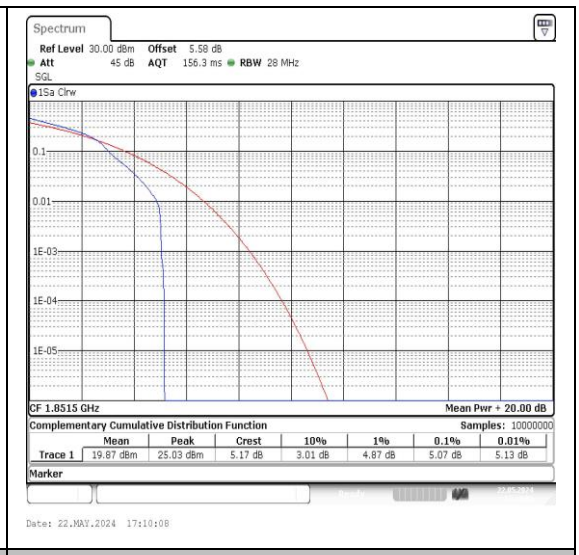

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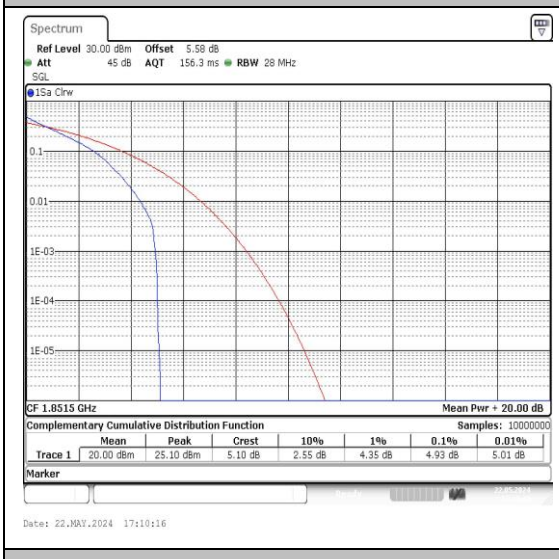

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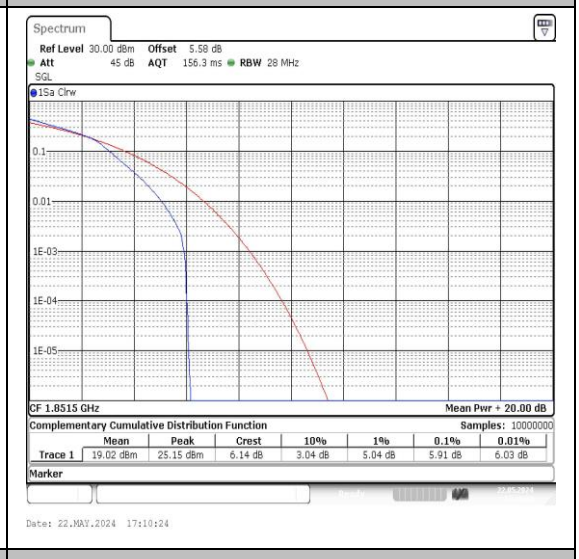

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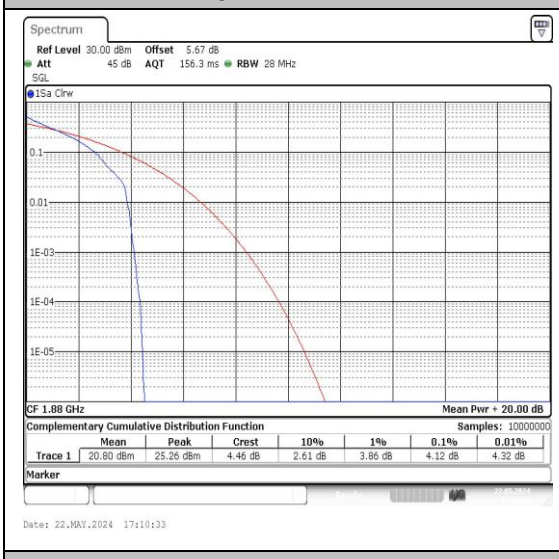

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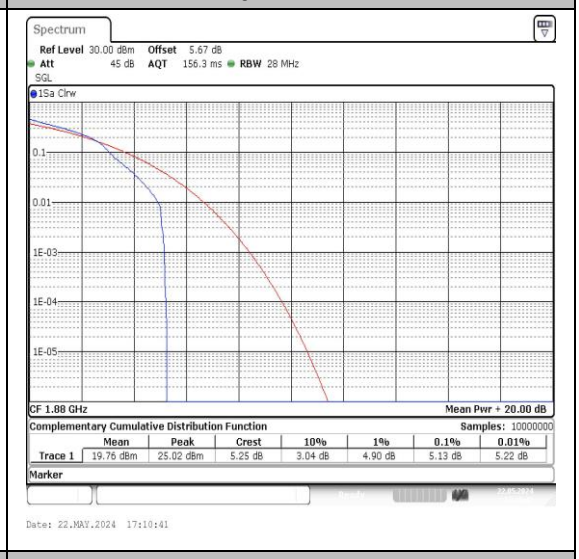

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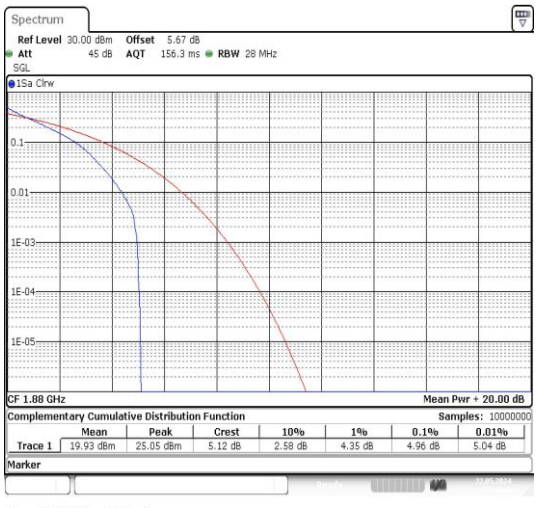

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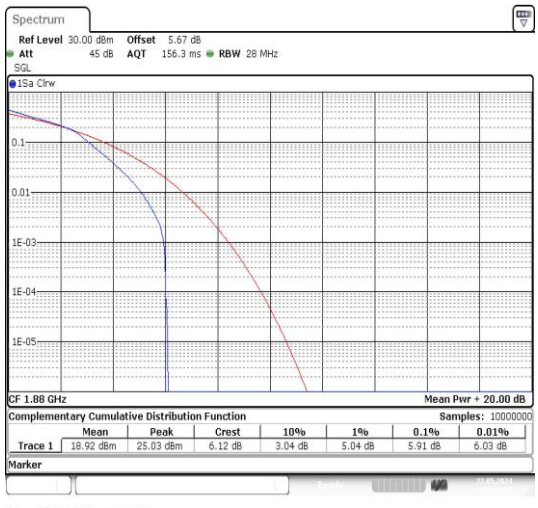

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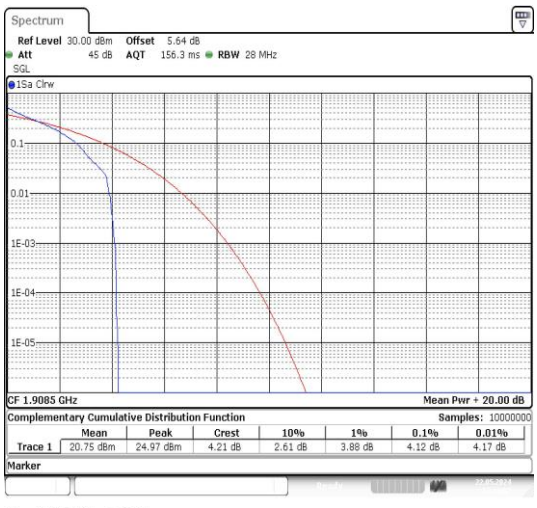

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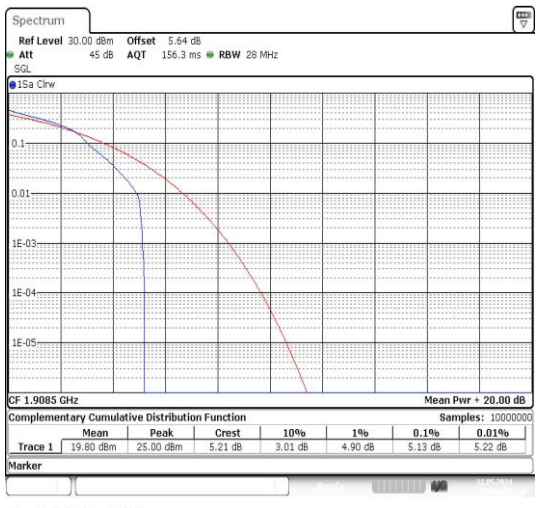

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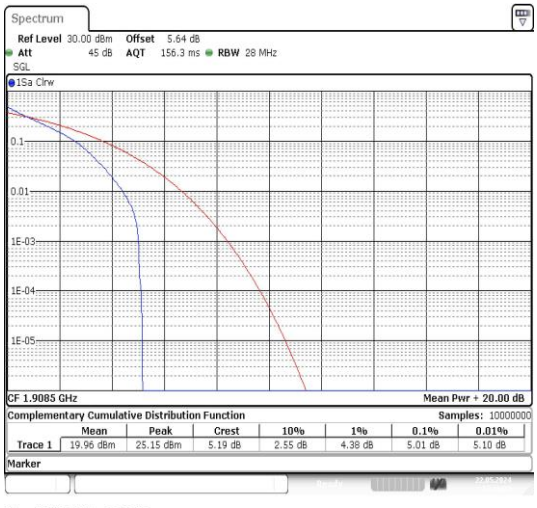

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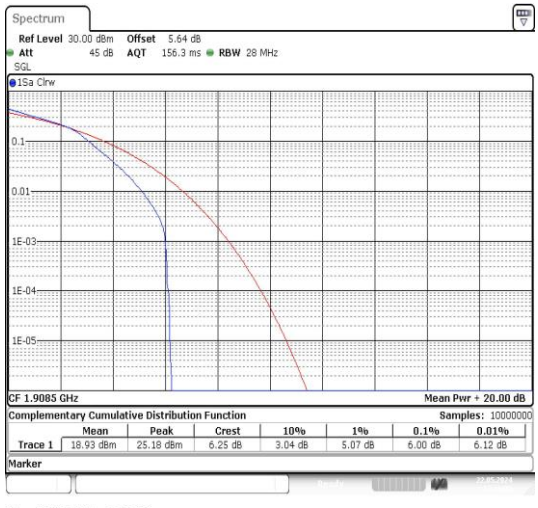

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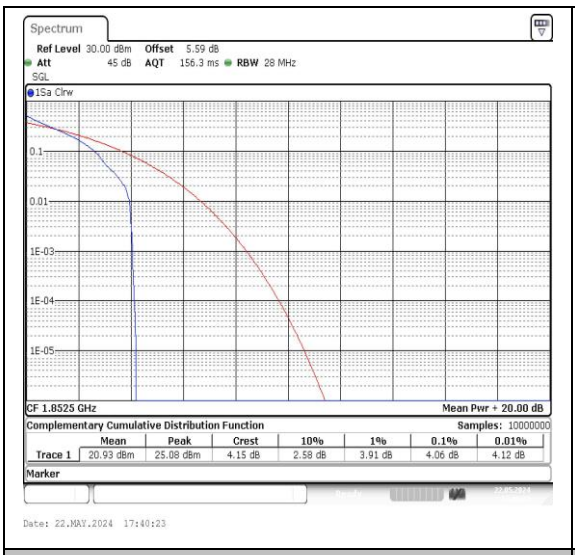
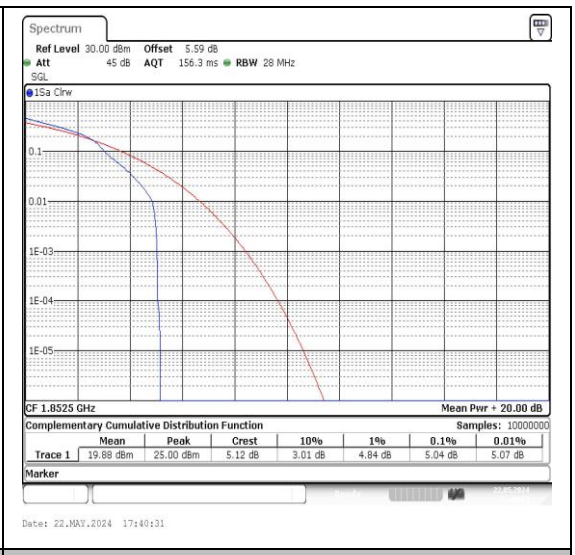


Band2-5MHz-QPSK-18625-1RB#0-PASS



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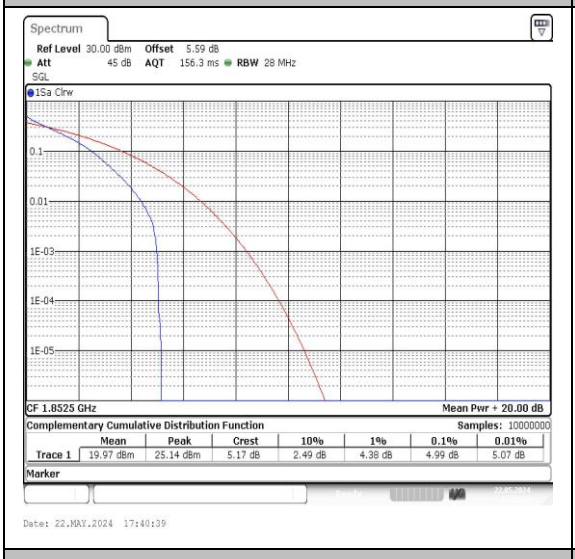

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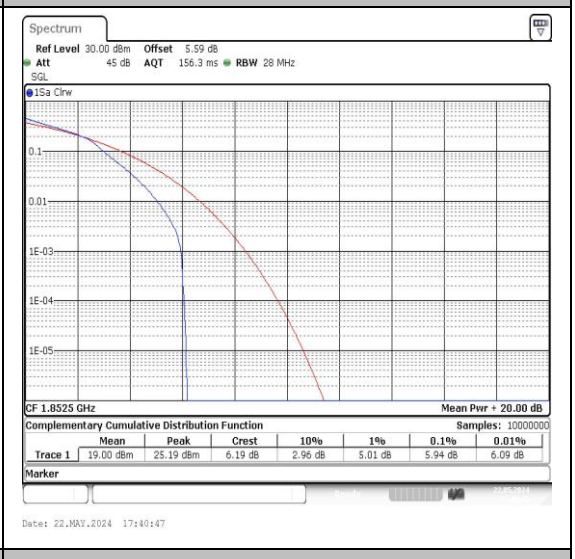

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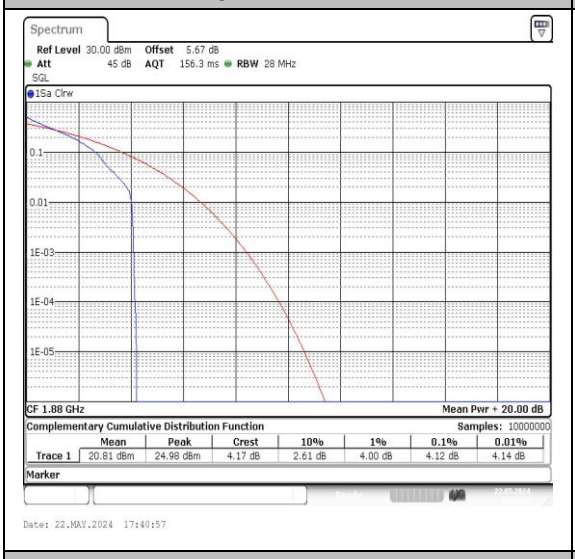

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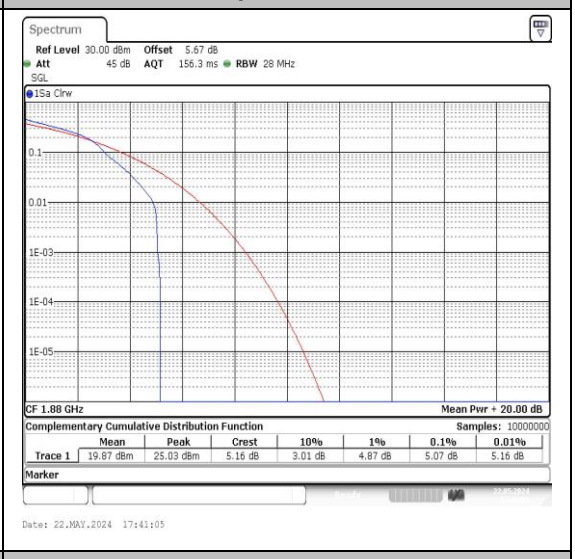

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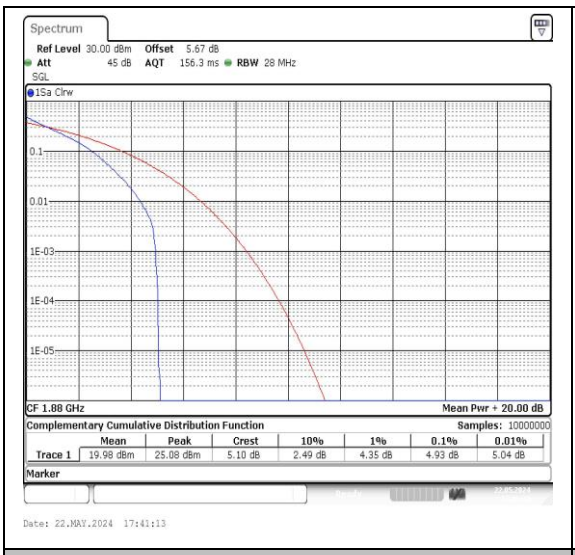

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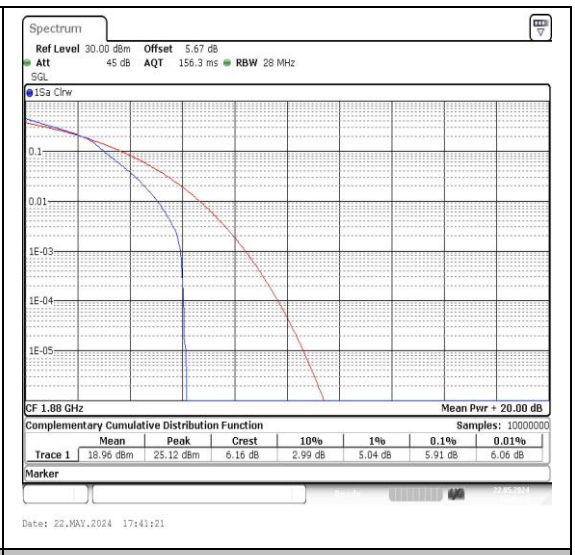

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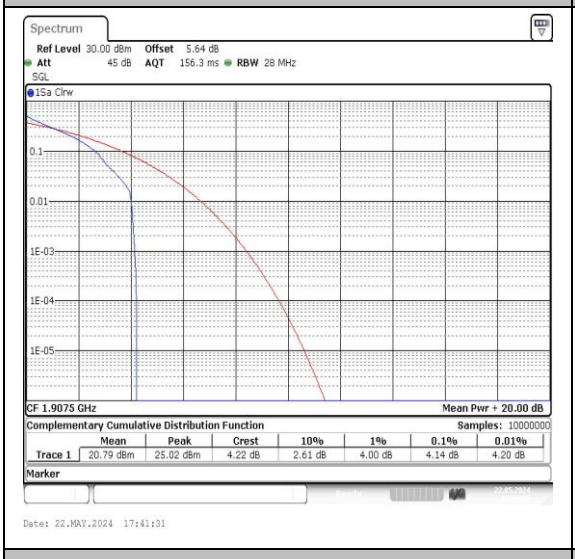
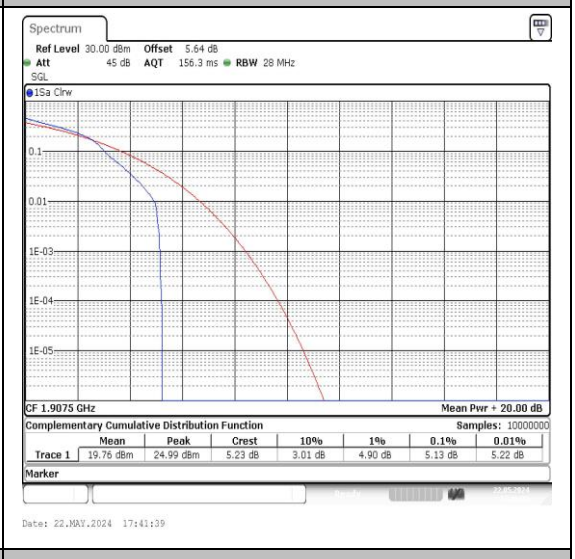


Band2-5MHz-QPSK-19175-1RB#0-PASS



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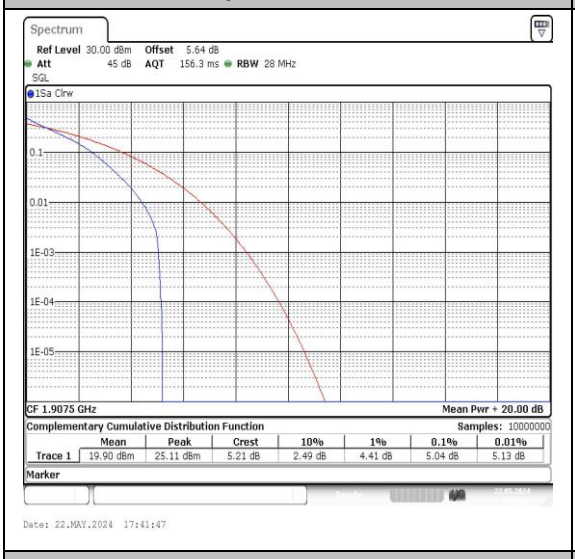

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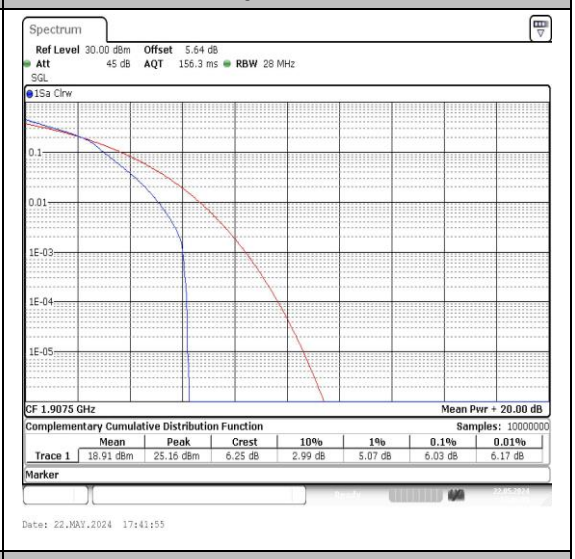

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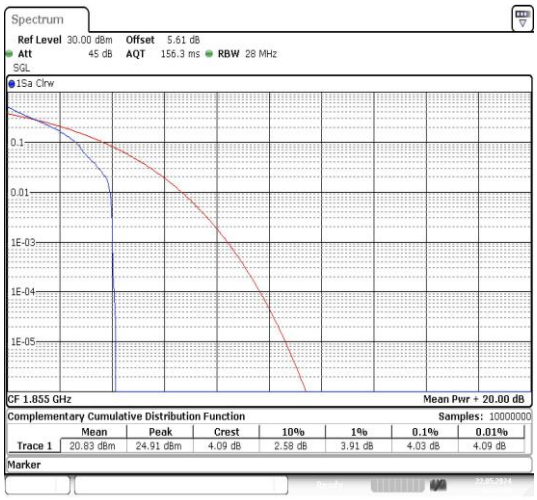
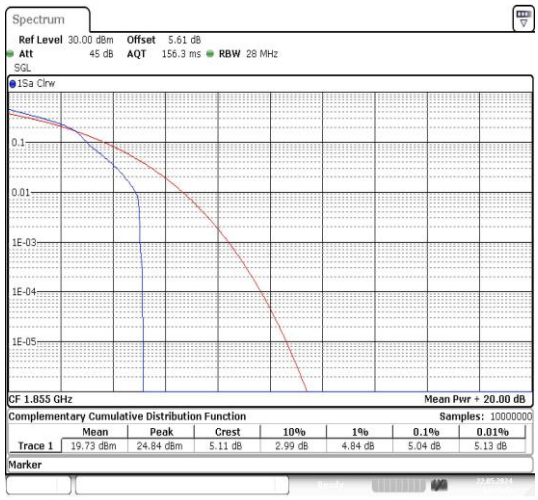


Band2-10MHz-QPSK-18650-1RB#0-PASS



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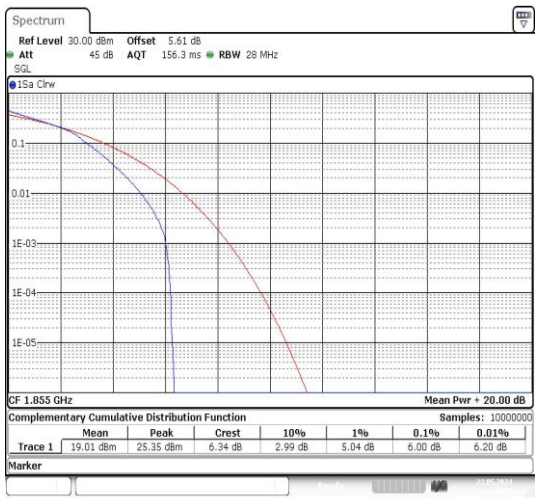
Band2-10MHz-QPSK-18650-50RB#0-PASS



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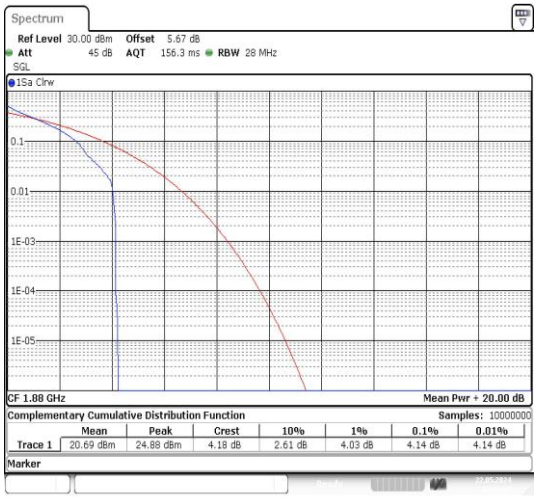
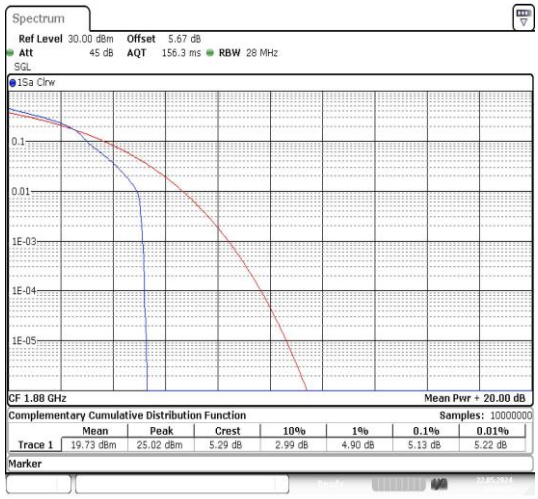
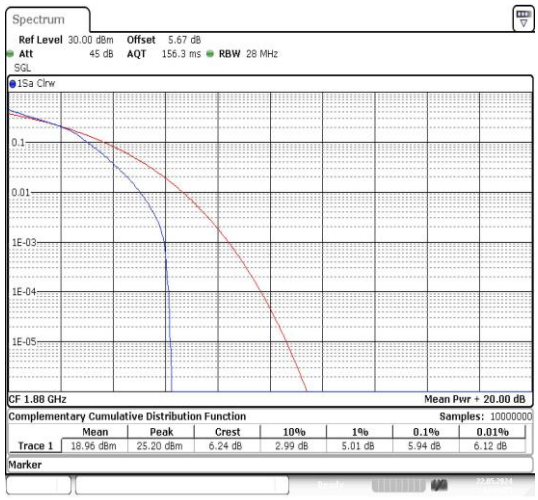


Band2-10MHz-QPSK-18900-1RB#0-PASS



Band2-10MHz-16QAM-18900-1RB#0-PASS

Band2-10MHz-QPSK-18900-50RB#0-PASS



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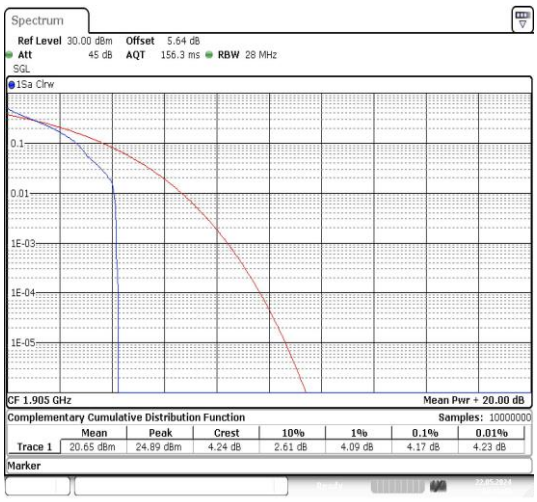
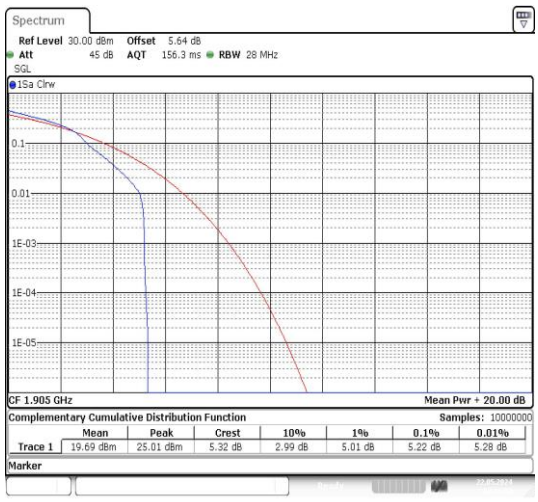


Band2-10MHz-QPSK-19150-1RB#0-PASS



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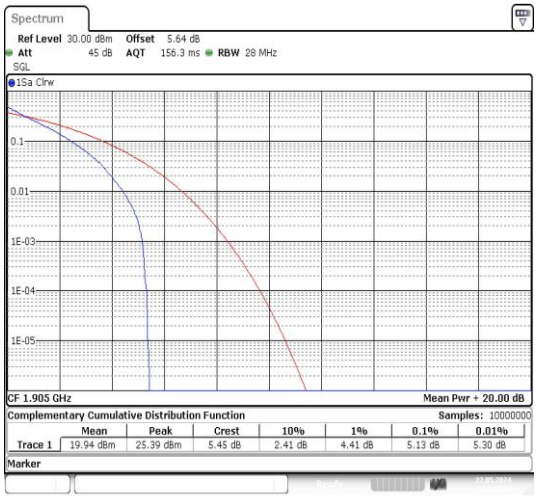
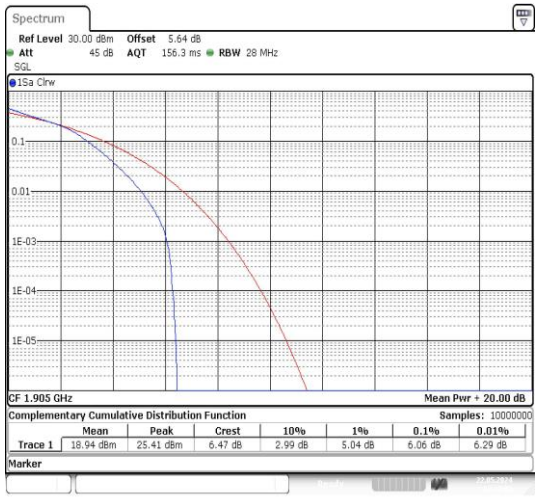
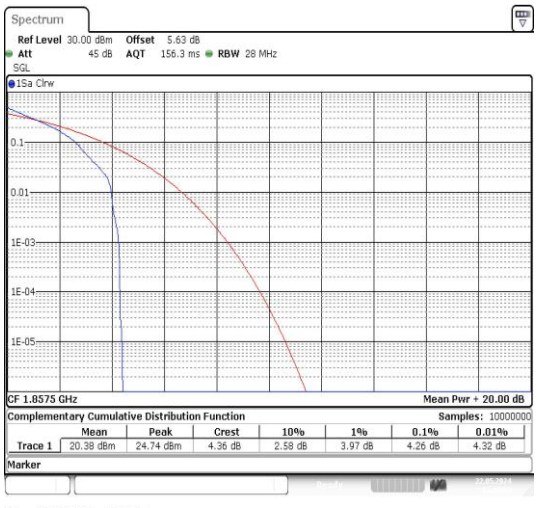


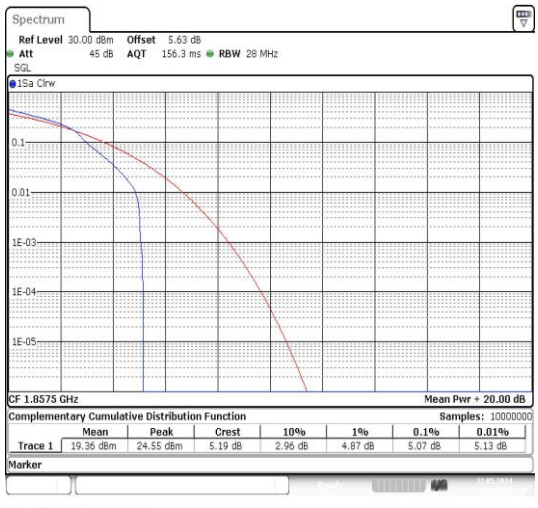
Band2-10MHz-QPSK-19150-50RB#0-PASS



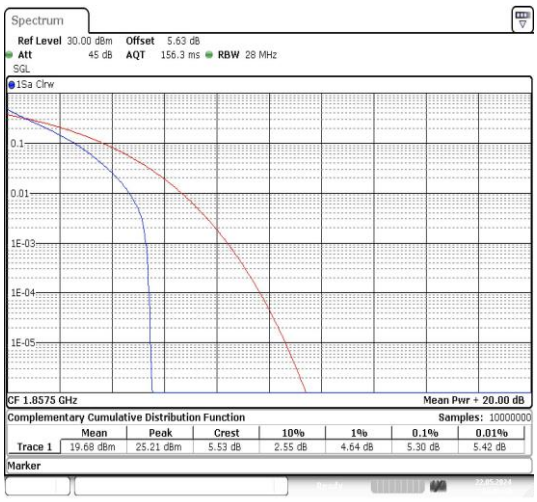
Band2-10MHz-16QAM-19150-50RB#0-PASS



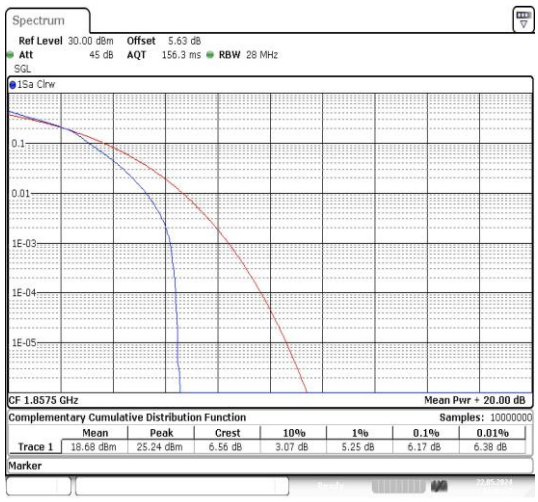
Band2-15MHz-QPSK-18675-1RB#0-PASS



Band2-15MHz-16QAM-18675-1RB#0-PASS



Band2-15MHz-QPSK-18675-75RB#0-PASS



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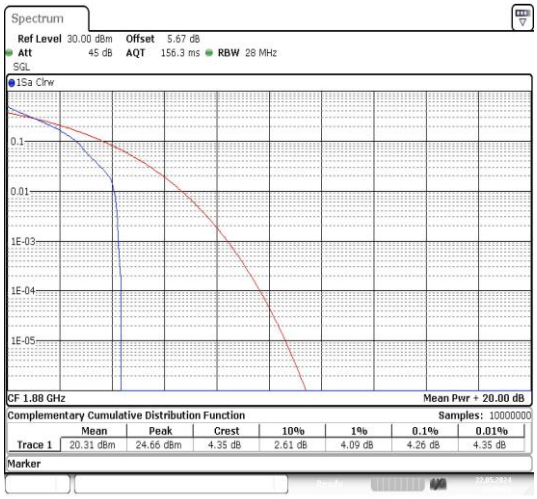

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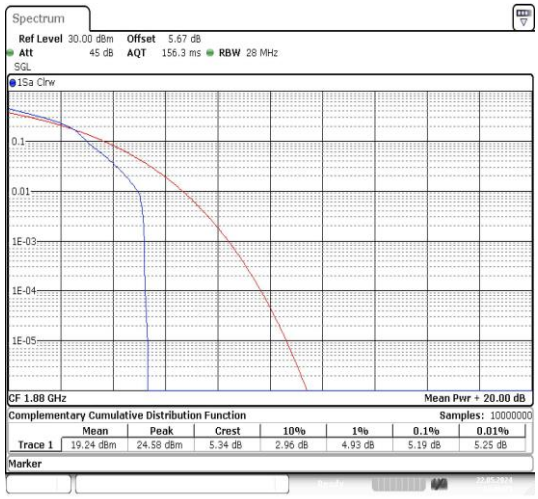

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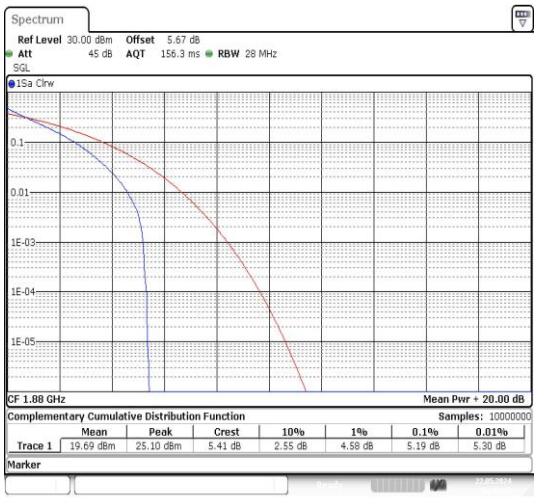

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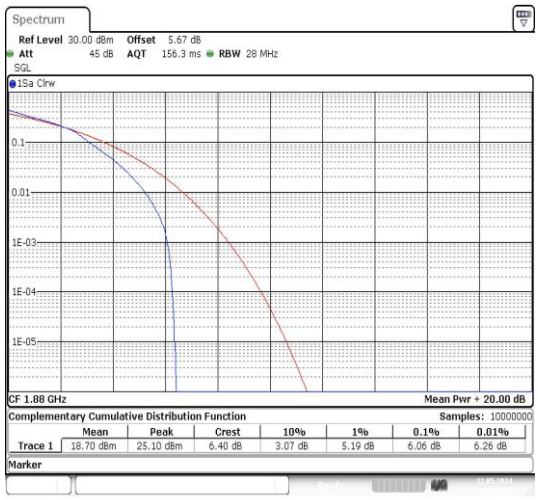

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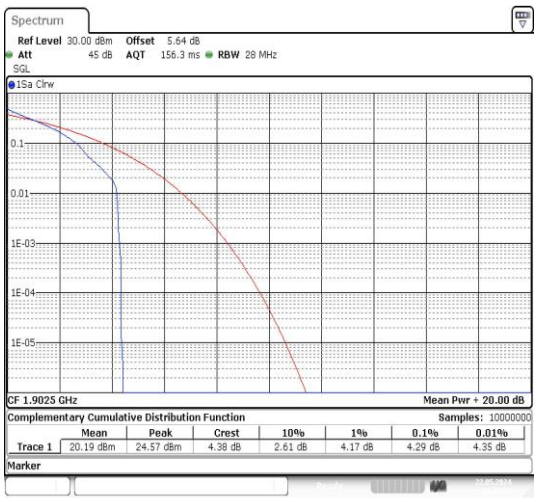
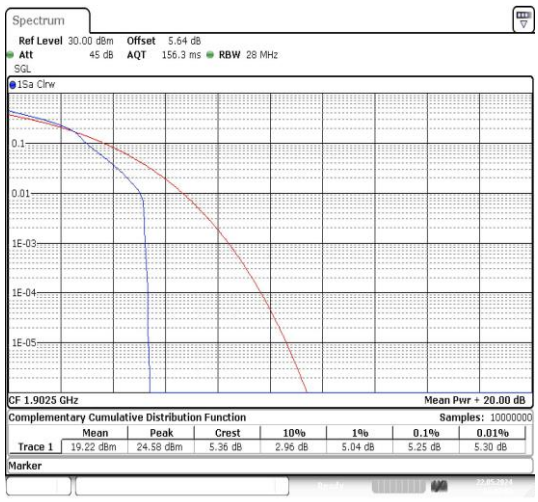


Band2-15MHz-QPSK-19125-1RB#0-PASS



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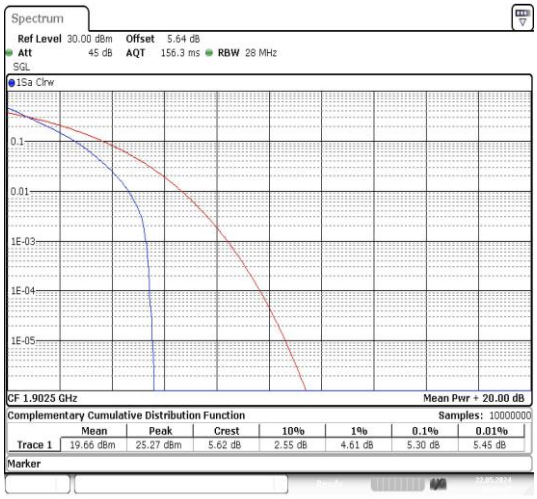

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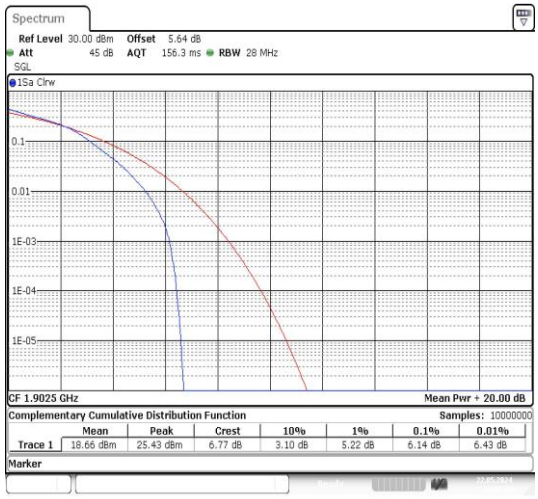

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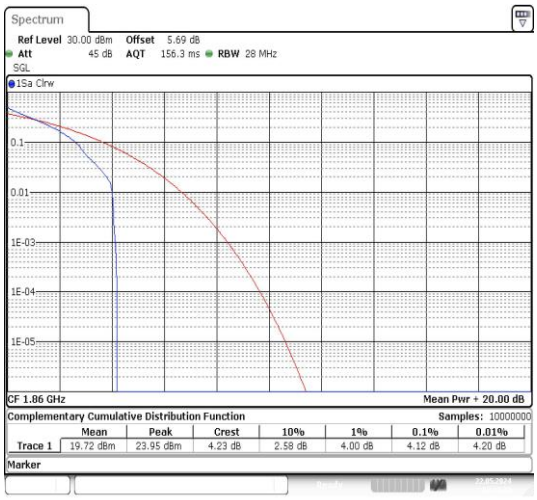
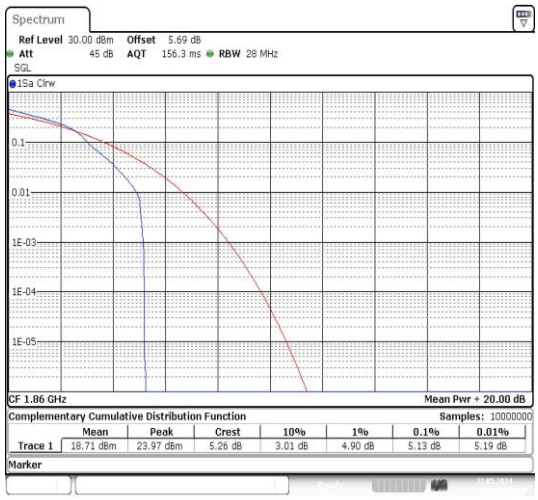
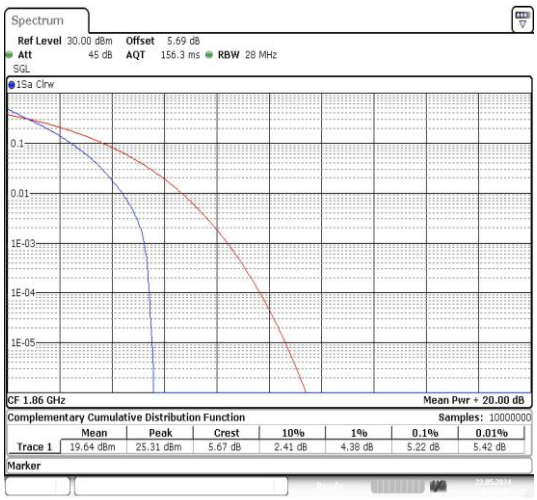


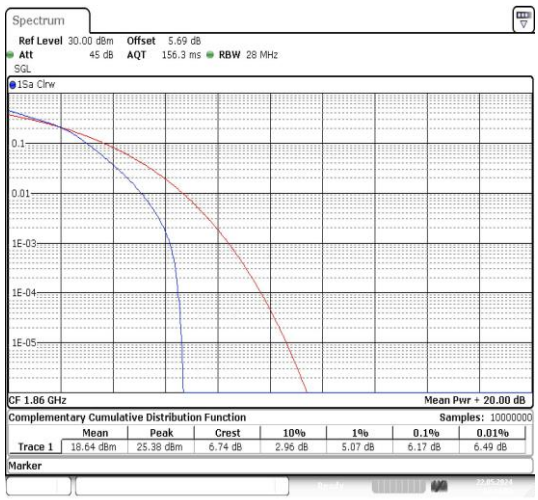
Band2-20MHz-QPSK-18700-1RB#0-PASS



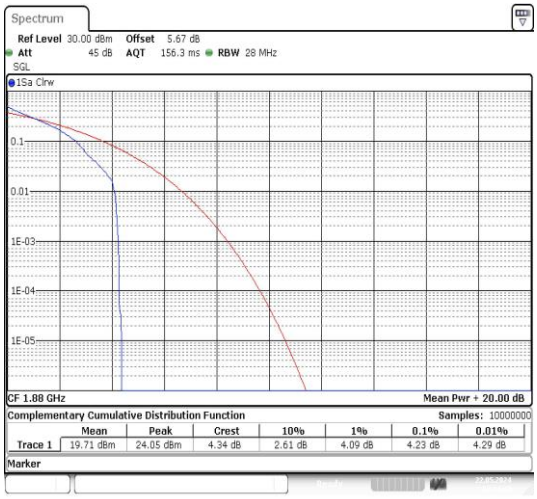
Band2-20MHz-16QAM-18700-1RB#0-PASS



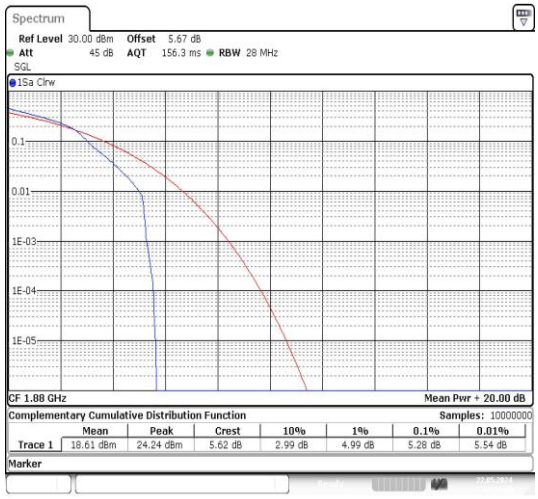
Band2-20MHz-QPSK-18700-100RB#0-PASS



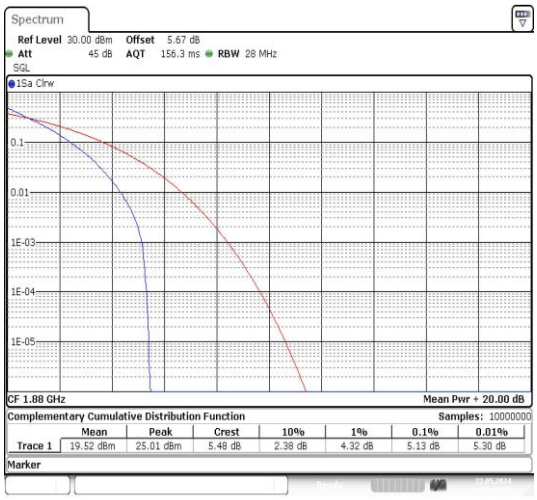
Band2-20MHz-16QAM-18700-100RB#0-PASS



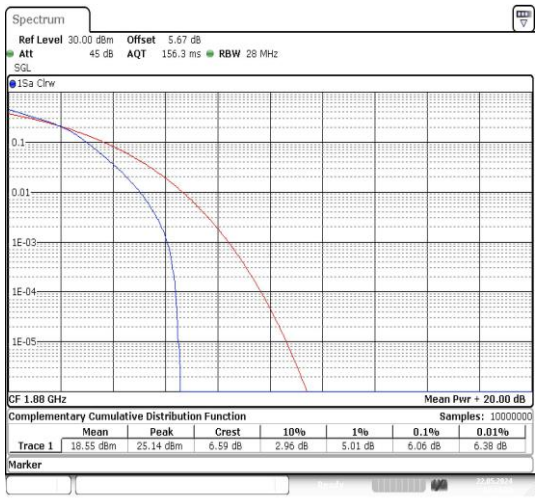
Band2-20MHz-QPSK-18900-1RB#0-PASS



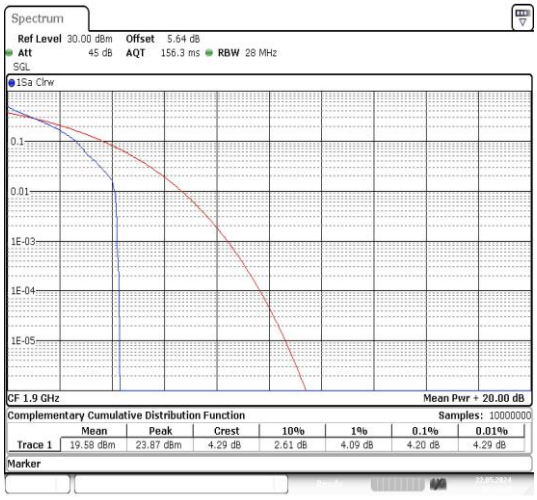
Band2-20MHz-16QAM-18900-1RB#0-PASS



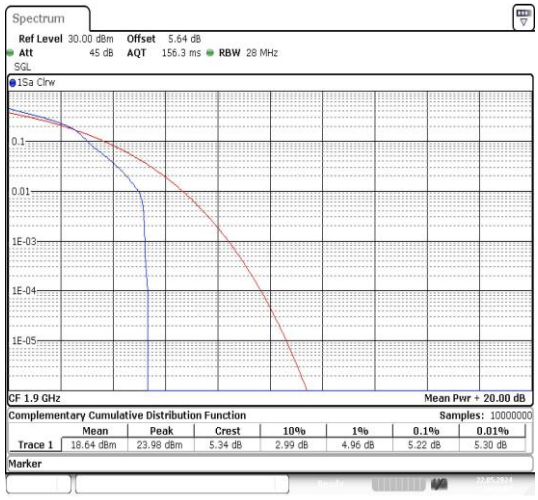
Band2-20MHz-QPSK-18900-100RB#0-PASS



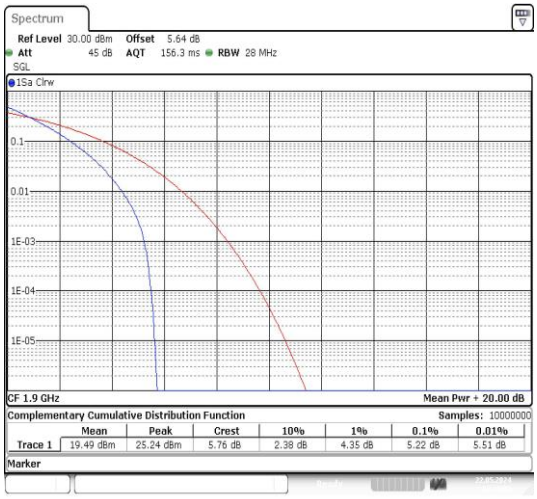
Band2-20MHz-16QAM-18900-100RB#0-PASS



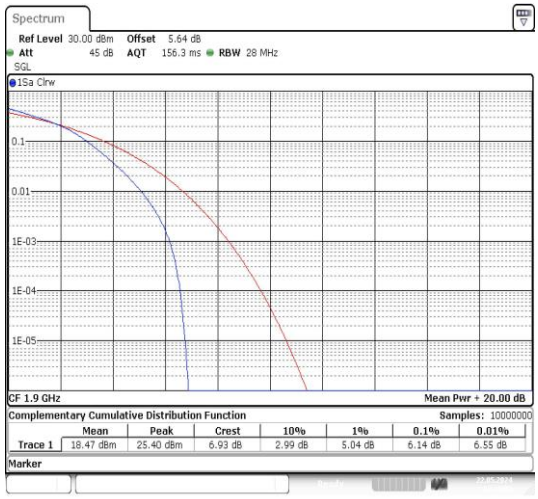
Band2-20MHz-QPSK-19100-1RB#0-PASS



Band2-20MHz-16QAM-19100-1RB#0-PASS



Band2-20MHz-QPSK-19100-100RB#0-PASS



Band2-20MHz-16QAM-19100-100RB#0-PASS

Appendix C: 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	1.103	1.37	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.103	1.38	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.108	1.39	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.108	1.36	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.103	1.36	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.108	1.38	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.715	3.11	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.696	3.07	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.705	3.09	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.705	3.06	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.705	3.10	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.705	3.10	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.535	5.22	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.525	5.23	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.525	5.18	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.525	5.24	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.525	5.17	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.515	5.24	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.018	10.10	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.018	10.07	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.018	10.23	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.985	10.17	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.985	10.10	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.985	10.07	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.478	15.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.527	15.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.527	15.10	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.478	15.20	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.478	15.15	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.527	15.05	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.103	20.27	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.103	20.20	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.103	20.20	PASS

Band2	20MHz	16QAM	18900	100RB#0	18.103	20.33	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.037	20.13	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.103	20.00	PASS