Appendix for LTE BAND 2

Product Name: Smart Phone

Model No: Nova

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	23.60	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.84	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.86	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.90	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.65	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.85	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.77	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.68	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.75	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.66	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.75	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.69	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.72	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.77	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.41	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.56	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.57	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.80	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.43	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.57	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.51	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.42	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.52	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.43	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.52	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.43	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.48	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.40	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.52	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.54	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.45	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.56	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.48	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.37	PASS

Band2	1.4MHz	QPSK	19193	3RB#1	23.48	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.34	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.53	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.36	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.54	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.42	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.67	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.61	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.67	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.73	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.65	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.51	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.66	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.69	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.67	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.72	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.68	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.72	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.66	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.66	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.72	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.85	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.83	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.62	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.66	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.74	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.74	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.72	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.76	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.81	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.75	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.78	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.77	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.54	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.37	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.67	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.45	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.56	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.39	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.58	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.63	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.60	PASS

Band2	10MHz	16QAM	18900	25RB#12	21.64	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.58	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.64	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.53	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.60	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.32	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.12	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.56	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.29	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.47	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.19	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.54	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.62	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.55	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.58	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.56	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.58	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.51	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.53	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.61	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.49	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.54	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.44	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.54	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.55	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.52	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.48	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.50	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.49	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.54	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.45	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.50	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.49	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.53	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.39	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.50	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.56	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.09	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.11	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.45	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.48	PASS

Band2	3MHz	QPSK	19185	8RB#4	22.41	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.45	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.48	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.52	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.46	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.49	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.66	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.65	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.78	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.85	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.64	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.66	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.63	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.63	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.65	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.66	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.73	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.73	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.71	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.74	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.42	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.68	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.60	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.78	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.43	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.70	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.53	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.54	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.51	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.57	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.53	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.55	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.54	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.56	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.35	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.36	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.59	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.52	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.48	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.40	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.44	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.49	PASS

Band2	5MHz	QPSK	19175	12RB#6	22.44	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.45	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.44	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.50	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.50	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.55	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.64	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.81	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.65	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.87	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.42	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.64	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.68	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.72	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.74	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.72	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.74	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.66	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.69	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.66	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.39	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.63	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.44	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.80	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.35	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.64	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.54	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.53	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.59	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.52	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.53	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.52	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.57	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.51	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.32	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.51	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.60	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.32	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.43	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.53	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.52	PASS

Band2	15MHz	QPSK	19125	38RB#18	22.53	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.53	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.53	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.50	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.50	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.50	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.59	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.80	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.90	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.98	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.18	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.46	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.69	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.76	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.69	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.68	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.59	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.65	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.59	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.63	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.20	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.27	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.56	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.64	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.08	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.23	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.49	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.56	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.51	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.58	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.52	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.65	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.52	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.57	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.37	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.40	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.54	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.57	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.32	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.34	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.52	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.55	PASS

Band2	20MHz	QPSK	19100	50RB#25	22.52	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.55	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.34	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.35	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.46	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.50	PASS

Receiver ON：

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	18.36	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	18.49	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	18.46	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	18.73	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	18.34	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	18.55	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	18.45	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	18.37	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	18.44	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	18.39	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	18.42	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	18.37	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	18.40	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	18.49	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	18.02	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	18.20	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	18.15	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	18.32	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	18.03	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	18.16	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	18.07	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	17.99	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	18.03	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	18.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	18.11	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	18.02	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	18.10	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	17.98	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	18.06	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	17.97	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	18.21	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	18.19	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	18.04	PASS

Band2	1.4MHz	16QAM	19193	1RB#5	17.94	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	18.13	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	17.95	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	18.12	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	17.94	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	18.17	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	17.93	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	18.11	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	18.09	PASS
Band2	3MHz	QPSK	18615	1RB#0	18.43	PASS
Band2	3MHz	16QAM	18615	1RB#0	18.65	PASS
Band2	3MHz	QPSK	18615	1RB#8	18.48	PASS
Band2	3MHz	16QAM	18615	1RB#8	18.65	PASS
Band2	3MHz	QPSK	18615	1RB#14	18.42	PASS
Band2	3MHz	16QAM	18615	1RB#14	18.66	PASS
Band2	3MHz	QPSK	18615	8RB#0	18.42	PASS
Band2	3MHz	16QAM	18615	8RB#0	18.51	PASS
Band2	3MHz	QPSK	18615	8RB#4	18.45	PASS
Band2	3MHz	16QAM	18615	8RB#4	18.54	PASS
Band2	3MHz	QPSK	18615	8RB#7	18.51	PASS
Band2	3MHz	16QAM	18615	8RB#7	18.56	PASS
Band2	3MHz	QPSK	18615	15RB#0	18.48	PASS
Band2	3MHz	16QAM	18615	15RB#0	18.49	PASS
Band2	3MHz	QPSK	18900	1RB#0	18.10	PASS
Band2	3MHz	16QAM	18900	1RB#0	18.32	PASS
Band2	3MHz	QPSK	18900	1RB#8	18.13	PASS
Band2	3MHz	16QAM	18900	1RB#8	18.28	PASS
Band2	3MHz	QPSK	18900	1RB#14	18.09	PASS
Band2	3MHz	16QAM	18900	1RB#14	18.28	PASS
Band2	3MHz	QPSK	18900	8RB#0	18.07	PASS
Band2	3MHz	16QAM	18900	8RB#0	18.08	PASS
Band2	3MHz	QPSK	18900	8RB#4	18.07	PASS
Band2	3MHz	16QAM	18900	8RB#4	18.11	PASS
Band2	3MHz	QPSK	18900	8RB#7	18.07	PASS
Band2	3MHz	16QAM	18900	8RB#7	18.13	PASS
Band2	3MHz	QPSK	18900	15RB#0	18.03	PASS
Band2	3MHz	16QAM	18900	15RB#0	18.03	PASS
Band2	3MHz	QPSK	19185	1RB#0	18.10	PASS
Band2	3MHz	16QAM	19185	1RB#0	17.95	PASS
Band2	3MHz	QPSK	19185	1RB#8	18.15	PASS
Band2	3MHz	16QAM	19185	1RB#8	18.06	PASS
Band2	3MHz	QPSK	19185	1RB#14	18.20	PASS

Band2	3MHz	16QAM	19185	1RB#14	18.08	PASS
Band2	3MHz	QPSK	19185	8RB#0	18.05	PASS
Band2	3MHz	16QAM	19185	8RB#0	18.13	PASS
Band2	3MHz	QPSK	19185	8RB#4	18.07	PASS
Band2	3MHz	16QAM	19185	8RB#4	18.13	PASS
Band2	3MHz	QPSK	19185	8RB#7	18.13	PASS
Band2	3MHz	16QAM	19185	8RB#7	18.15	PASS
Band2	3MHz	QPSK	19185	15RB#0	18.06	PASS
Band2	3MHz	16QAM	19185	15RB#0	18.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	18.39	PASS
Band2	5MHz	16QAM	18625	1RB#0	18.45	PASS
Band2	5MHz	QPSK	18625	1RB#12	18.60	PASS
Band2	5MHz	16QAM	18625	1RB#12	18.59	PASS
Band2	5MHz	QPSK	18625	1RB#24	18.38	PASS
Band2	5MHz	16QAM	18625	1RB#24	18.43	PASS
Band2	5MHz	QPSK	18625	12RB#0	18.33	PASS
Band2	5MHz	16QAM	18625	12RB#0	18.40	PASS
Band2	5MHz	QPSK	18625	12RB#6	18.40	PASS
Band2	5MHz	16QAM	18625	12RB#6	18.41	PASS
Band2	5MHz	QPSK	18625	12RB#13	18.41	PASS
Band2	5MHz	16QAM	18625	12RB#13	18.42	PASS
Band2	5MHz	QPSK	18625	25RB#0	18.44	PASS
Band2	5MHz	16QAM	18625	25RB#0	18.47	PASS
Band2	5MHz	QPSK	18900	1RB#0	18.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	18.28	PASS
Band2	5MHz	QPSK	18900	1RB#12	18.15	PASS
Band2	5MHz	16QAM	18900	1RB#12	18.43	PASS
Band2	5MHz	QPSK	18900	1RB#24	18.02	PASS
Band2	5MHz	16QAM	18900	1RB#24	18.27	PASS
Band2	5MHz	QPSK	18900	12RB#0	18.02	PASS
Band2	5MHz	16QAM	18900	12RB#0	18.11	PASS
Band2	5MHz	QPSK	18900	12RB#6	18.05	PASS
Band2	5MHz	16QAM	18900	12RB#6	18.11	PASS
Band2	5MHz	QPSK	18900	12RB#13	18.02	PASS
Band2	5MHz	16QAM	18900	12RB#13	18.11	PASS
Band2	5MHz	QPSK	18900	25RB#0	18.07	PASS
Band2	5MHz	16QAM	18900	25RB#0	18.08	PASS
Band2	5MHz	QPSK	19175	1RB#0	17.98	PASS
Band2	5MHz	16QAM	19175	1RB#0	18.05	PASS
Band2	5MHz	QPSK	19175	1RB#12	18.17	PASS
Band2	5MHz	16QAM	19175	1RB#12	18.23	PASS
Band2	5MHz	QPSK	19175	1RB#24	18.19	PASS

Band2	5MHz	16QAM	19175	1RB#24	18.13	PASS
Band2	5MHz	QPSK	19175	12RB#0	17.95	PASS
Band2	5MHz	16QAM	19175	12RB#0	17.99	PASS
Band2	5MHz	QPSK	19175	12RB#6	17.96	PASS
Band2	5MHz	16QAM	19175	12RB#6	18.02	PASS
Band2	5MHz	QPSK	19175	12RB#13	18.12	PASS
Band2	5MHz	16QAM	19175	12RB#13	18.06	PASS
Band2	5MHz	QPSK	19175	25RB#0	18.08	PASS
Band2	5MHz	16QAM	19175	25RB#0	18.15	PASS
Band2	10MHz	QPSK	18650	1RB#0	18.47	PASS
Band2	10MHz	16QAM	18650	1RB#0	18.67	PASS
Band2	10MHz	QPSK	18650	1RB#24	18.58	PASS
Band2	10MHz	16QAM	18650	1RB#24	18.72	PASS
Band2	10MHz	QPSK	18650	1RB#49	18.24	PASS
Band2	10MHz	16QAM	18650	1RB#49	18.52	PASS
Band2	10MHz	QPSK	18650	25RB#0	18.48	PASS
Band2	10MHz	16QAM	18650	25RB#0	18.51	PASS
Band2	10MHz	QPSK	18650	25RB#12	18.50	PASS
Band2	10MHz	16QAM	18650	25RB#12	18.50	PASS
Band2	10MHz	QPSK	18650	25RB#25	18.46	PASS
Band2	10MHz	16QAM	18650	25RB#25	18.43	PASS
Band2	10MHz	QPSK	18650	50RB#0	18.45	PASS
Band2	10MHz	16QAM	18650	50RB#0	18.45	PASS
Band2	10MHz	QPSK	18900	1RB#0	18.05	PASS
Band2	10MHz	16QAM	18900	1RB#0	18.29	PASS
Band2	10MHz	QPSK	18900	1RB#24	18.25	PASS
Band2	10MHz	16QAM	18900	1RB#24	18.42	PASS
Band2	10MHz	QPSK	18900	1RB#49	18.07	PASS
Band2	10MHz	16QAM	18900	1RB#49	18.28	PASS
Band2	10MHz	QPSK	18900	25RB#0	18.09	PASS
Band2	10MHz	16QAM	18900	25RB#0	18.15	PASS
Band2	10MHz	QPSK	18900	25RB#12	18.12	PASS
Band2	10MHz	16QAM	18900	25RB#12	18.15	PASS
Band2	10MHz	QPSK	18900	25RB#25	18.10	PASS
Band2	10MHz	16QAM	18900	25RB#25	18.12	PASS
Band2	10MHz	QPSK	18900	50RB#0	18.11	PASS
Band2	10MHz	16QAM	18900	50RB#0	18.10	PASS
Band2	10MHz	QPSK	19150	1RB#0	17.99	PASS
Band2	10MHz	16QAM	19150	1RB#0	17.93	PASS
Band2	10MHz	QPSK	19150	1RB#24	18.14	PASS
Band2	10MHz	16QAM	19150	1RB#24	18.14	PASS
Band2	10MHz	QPSK	19150	1RB#49	18.20	PASS

Band2	10MHz	16QAM	19150	1RB#49	17.97	PASS
Band2	10MHz	QPSK	19150	25RB#0	18.12	PASS
Band2	10MHz	16QAM	19150	25RB#0	18.14	PASS
Band2	10MHz	QPSK	19150	25RB#12	18.12	PASS
Band2	10MHz	16QAM	19150	25RB#12	18.17	PASS
Band2	10MHz	QPSK	19150	25RB#25	18.08	PASS
Band2	10MHz	16QAM	19150	25RB#25	18.14	PASS
Band2	10MHz	QPSK	19150	50RB#0	18.02	PASS
Band2	10MHz	16QAM	19150	50RB#0	18.11	PASS
Band2	15MHz	QPSK	18675	1RB#0	18.38	PASS
Band2	15MHz	16QAM	18675	1RB#0	18.62	PASS
Band2	15MHz	QPSK	18675	1RB#38	18.39	PASS
Band2	15MHz	16QAM	18675	1RB#38	18.59	PASS
Band2	15MHz	QPSK	18675	1RB#74	18.07	PASS
Band2	15MHz	16QAM	18675	1RB#74	18.24	PASS
Band2	15MHz	QPSK	18675	38RB#0	18.35	PASS
Band2	15MHz	16QAM	18675	38RB#0	18.35	PASS
Band2	15MHz	QPSK	18675	38RB#18	18.38	PASS
Band2	15MHz	16QAM	18675	38RB#18	18.32	PASS
Band2	15MHz	QPSK	18675	38RB#37	18.32	PASS
Band2	15MHz	16QAM	18675	38RB#37	18.35	PASS
Band2	15MHz	QPSK	18675	75RB#0	18.33	PASS
Band2	15MHz	16QAM	18675	75RB#0	18.32	PASS
Band2	15MHz	QPSK	18900	1RB#0	17.96	PASS
Band2	15MHz	16QAM	18900	1RB#0	18.33	PASS
Band2	15MHz	QPSK	18900	1RB#38	18.05	PASS
Band2	15MHz	16QAM	18900	1RB#38	18.38	PASS
Band2	15MHz	QPSK	18900	1RB#74	17.94	PASS
Band2	15MHz	16QAM	18900	1RB#74	18.18	PASS
Band2	15MHz	QPSK	18900	38RB#0	18.10	PASS
Band2	15MHz	16QAM	18900	38RB#0	18.11	PASS
Band2	15MHz	QPSK	18900	38RB#18	18.10	PASS
Band2	15MHz	16QAM	18900	38RB#18	18.08	PASS
Band2	15MHz	QPSK	18900	38RB#37	18.12	PASS
Band2	15MHz	16QAM	18900	38RB#37	18.10	PASS
Band2	15MHz	QPSK	18900	75RB#0	18.11	PASS
Band2	15MHz	16QAM	18900	75RB#0	18.11	PASS
Band2	15MHz	QPSK	19125	1RB#0	17.91	PASS
Band2	15MHz	16QAM	19125	1RB#0	18.14	PASS
Band2	15MHz	QPSK	19125	1RB#38	18.01	PASS
Band2	15MHz	16QAM	19125	1RB#38	18.24	PASS
Band2	15MHz	QPSK	19125	1RB#74	18.04	PASS

Band2	15MHz	16QAM	19125	1RB#74	18.21	PASS
Band2	15MHz	QPSK	19125	38RB#0	18.08	PASS
Band2	15MHz	16QAM	19125	38RB#0	18.08	PASS
Band2	15MHz	QPSK	19125	38RB#18	18.02	PASS
Band2	15MHz	16QAM	19125	38RB#18	18.01	PASS
Band2	15MHz	QPSK	19125	38RB#37	18.06	PASS
Band2	15MHz	16QAM	19125	38RB#37	17.99	PASS
Band2	15MHz	QPSK	19125	75RB#0	18.03	PASS
Band2	15MHz	16QAM	19125	75RB#0	18.02	PASS
Band2	20MHz	QPSK	18700	1RB#0	18.30	PASS
Band2	20MHz	16QAM	18700	1RB#0	18.35	PASS
Band2	20MHz	QPSK	18700	1RB#49	18.76	PASS
Band2	20MHz	16QAM	18700	1RB#49	18.54	PASS
Band2	20MHz	QPSK	18700	1RB#99	17.85	PASS
Band2	20MHz	16QAM	18700	1RB#99	17.90	PASS
Band2	20MHz	QPSK	18700	50RB#0	18.40	PASS
Band2	20MHz	16QAM	18700	50RB#0	18.41	PASS
Band2	20MHz	QPSK	18700	50RB#25	18.40	PASS
Band2	20MHz	16QAM	18700	50RB#25	18.36	PASS
Band2	20MHz	QPSK	18700	50RB#50	18.15	PASS
Band2	20MHz	16QAM	18700	50RB#50	18.18	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.25	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.28	PASS
Band2	20MHz	QPSK	18900	1RB#0	17.90	PASS
Band2	20MHz	16QAM	18900	1RB#0	18.10	PASS
Band2	20MHz	QPSK	18900	1RB#49	18.23	PASS
Band2	20MHz	16QAM	18900	1RB#49	18.54	PASS
Band2	20MHz	QPSK	18900	1RB#99	17.78	PASS
Band2	20MHz	16QAM	18900	1RB#99	17.97	PASS
Band2	20MHz	QPSK	18900	50RB#0	18.13	PASS
Band2	20MHz	16QAM	18900	50RB#0	18.15	PASS
Band2	20MHz	QPSK	18900	50RB#25	18.10	PASS
Band2	20MHz	16QAM	18900	50RB#25	18.17	PASS
Band2	20MHz	QPSK	18900	50RB#50	18.02	PASS
Band2	20MHz	16QAM	18900	50RB#50	18.10	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.06	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.06	PASS
Band2	20MHz	QPSK	19100	1RB#0	17.98	PASS
Band2	20MHz	16QAM	19100	1RB#0	18.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	18.23	PASS
Band2	20MHz	16QAM	19100	1RB#49	18.26	PASS
Band2	20MHz	QPSK	19100	1RB#99	17.96	PASS

Band2	20MHz	16QAM	19100	1RB#99	17.99	PASS
Band2	20MHz	QPSK	19100	50RB#0	18.19	PASS
Band2	20MHz	16QAM	19100	50RB#0	18.18	PASS
Band2	20MHz	QPSK	19100	50RB#25	18.16	PASS
Band2	20MHz	16QAM	19100	50RB#25	18.20	PASS
Band2	20MHz	QPSK	19100	50RB#50	17.95	PASS
Band2	20MHz	16QAM	19100	50RB#50	18.02	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.08	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.12	PASS

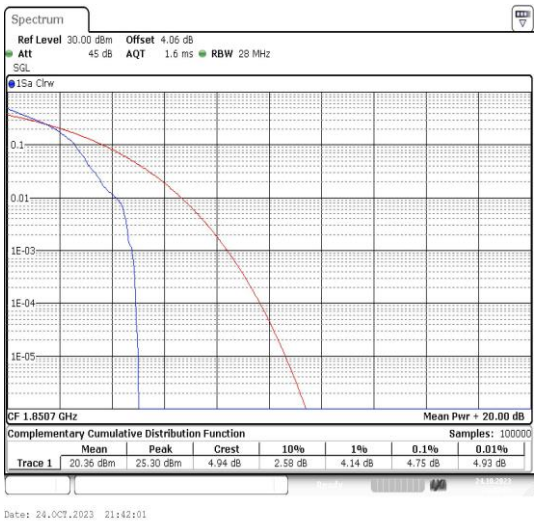
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

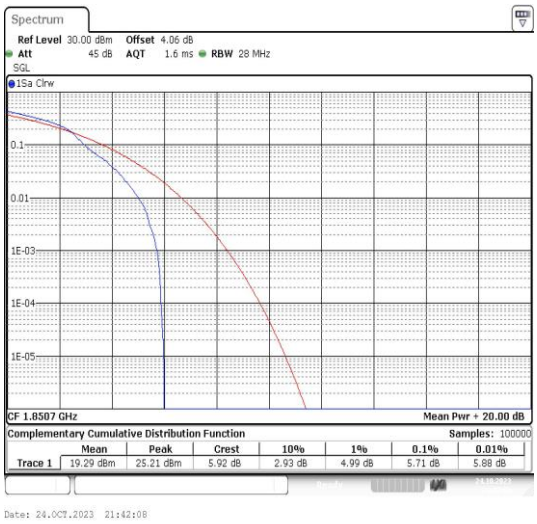
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.75	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.71	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.30	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.41	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.52	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.59	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.16	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.12	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	2.96	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.06	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.20	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	4.93	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	5.07	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.86	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.62	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.26	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.75	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.62	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.57	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.38	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.49	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.51	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.22	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.91	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	5.13	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.80	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.42	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.17	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	5.59	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.88	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.45	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.38	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.96	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.77	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.42	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.23	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.87	13	PASS

Band2	10MHz	16QAM	18650	1RB#0	5.45	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.42	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.20	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.96	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.77	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.42	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.32	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.96	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.36	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.28	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.17	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.87	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.97	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.71	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.41	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.99	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	6.32	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.71	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.32	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.64	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.16	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.59	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.17	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.93	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.36	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.36	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.23	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	5.48	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.30	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.39	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.29	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.61	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.13	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.33	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.17	13	PASS

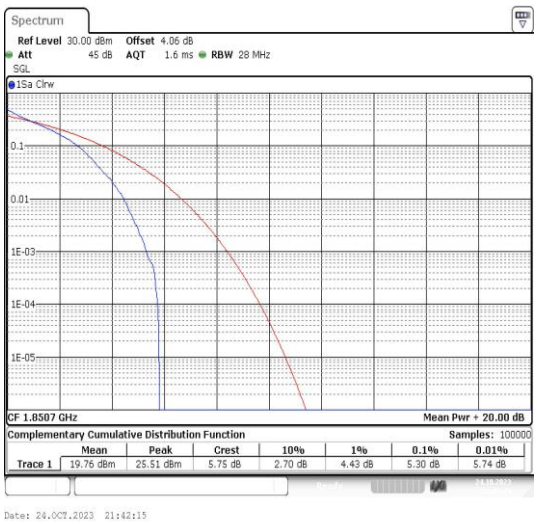
Test Graphs



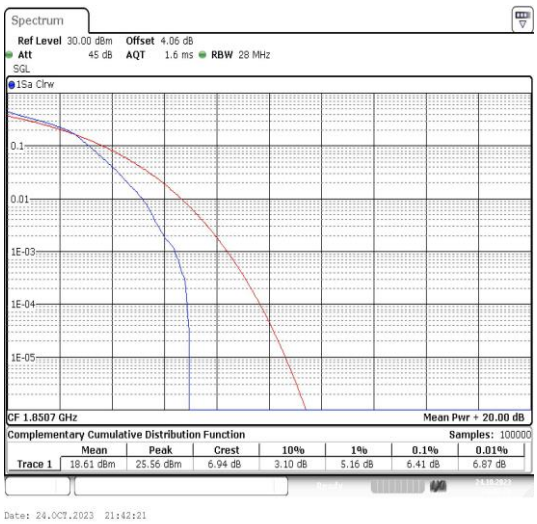
Band2-1.4MHz-QPSK-18607-1RB#0-PASS



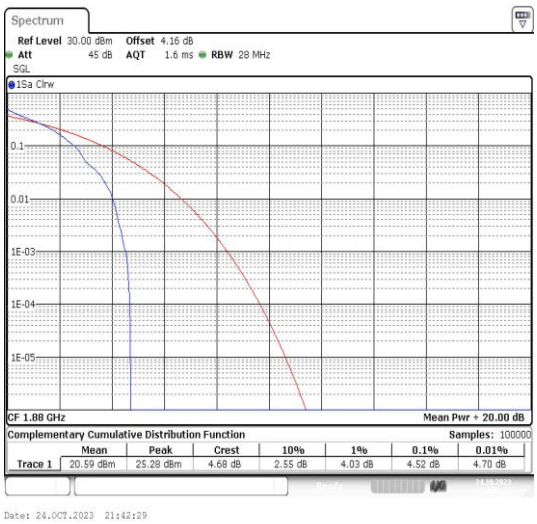
Band2-1.4MHz-16QAM-18607-1RB#0-PASS



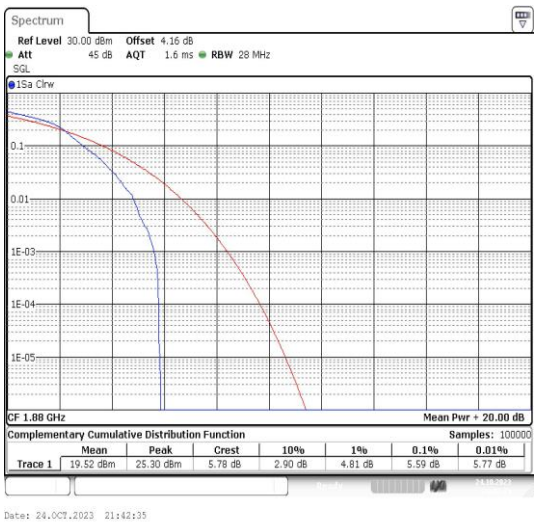
Band2-1.4MHz-QPSK-18607-6RB#0-PASS



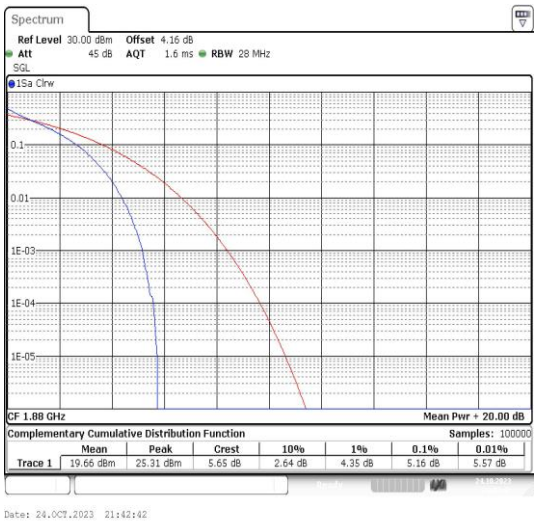
Band2-1.4MHz-16QAM-18607-6RB#0-PASS



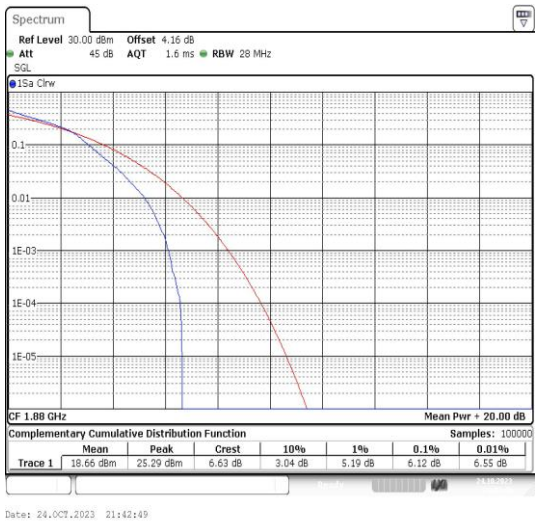
Band2-1.4MHz-QPSK-18900-1RB#0-PASS



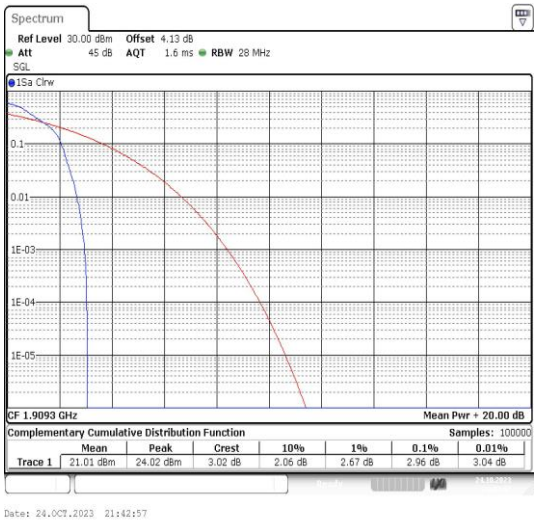
Band2-1.4MHz-16QAM-18900-1RB#0-PASS



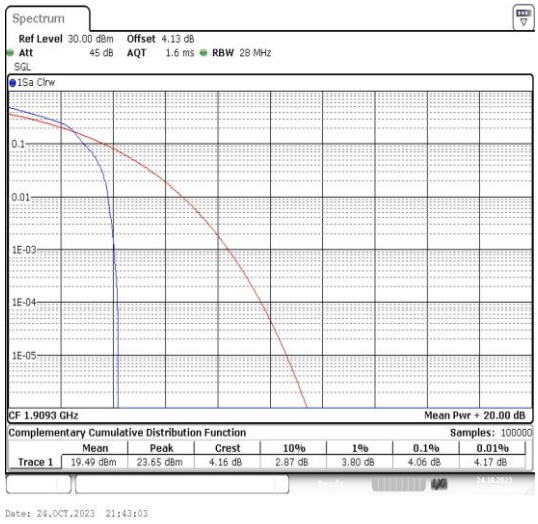
Band2-1.4MHz-QPSK-18900-6RB#0-PASS



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



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



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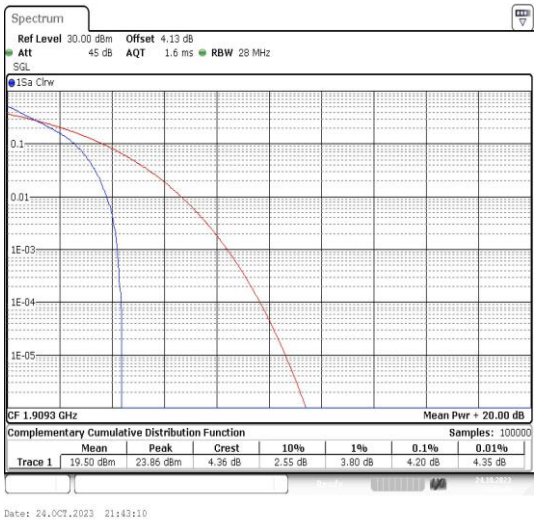

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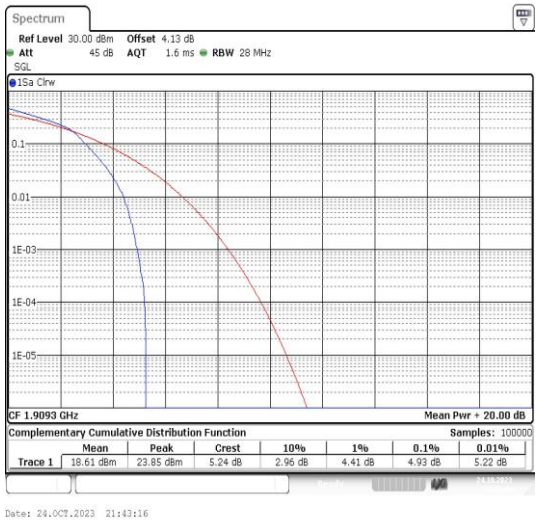

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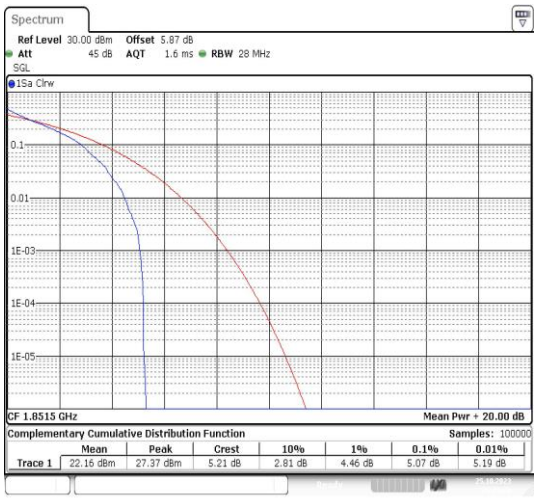

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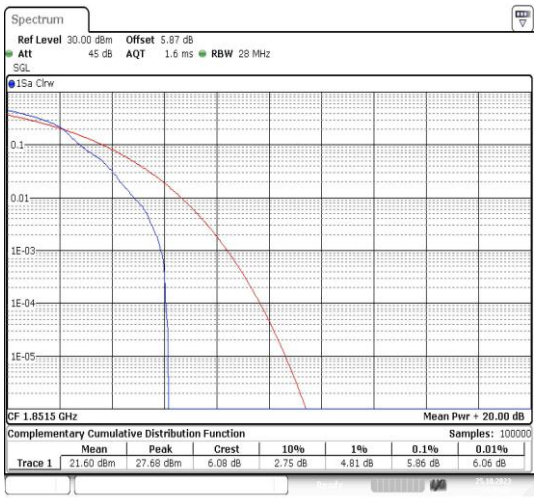

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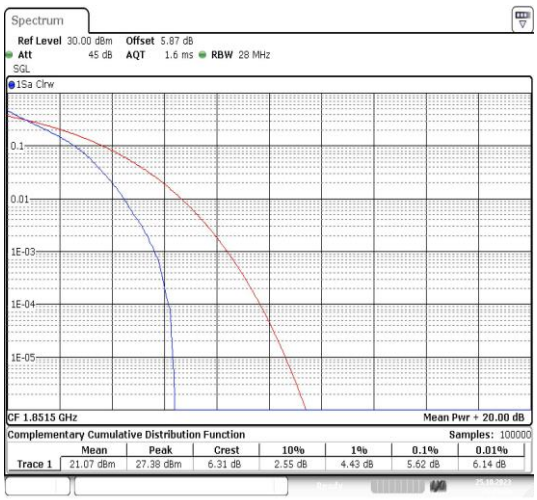

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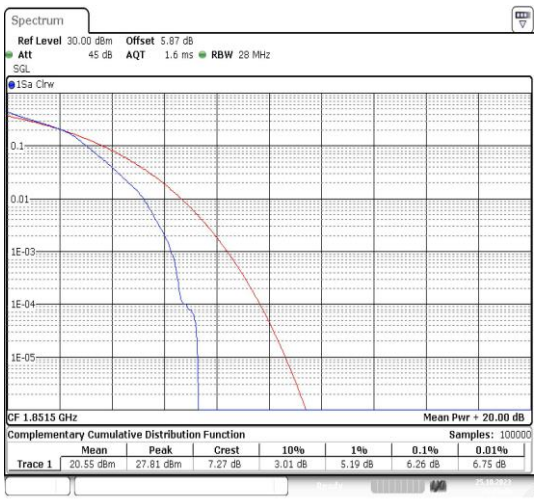

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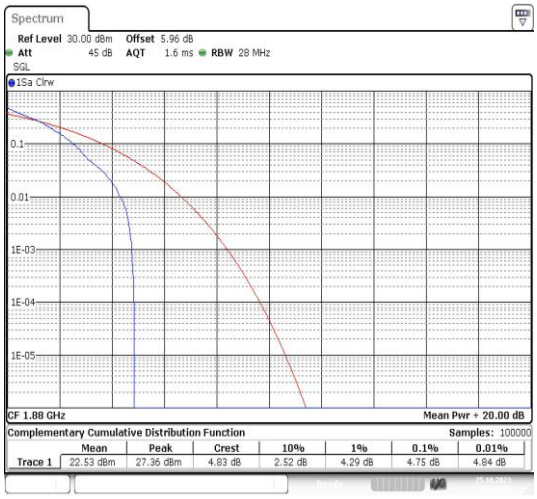

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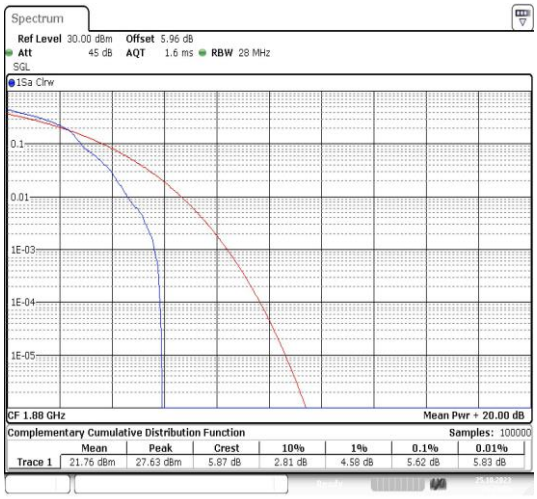

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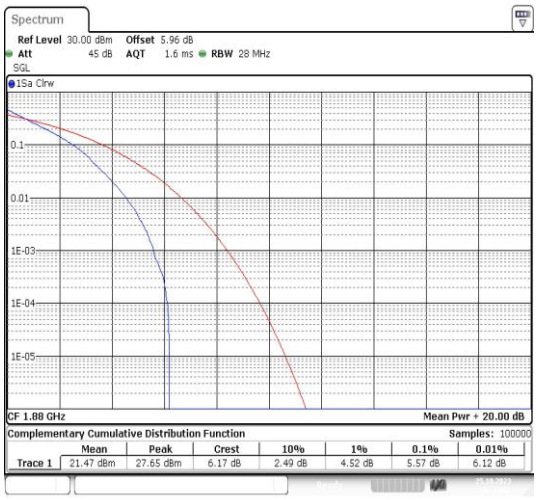

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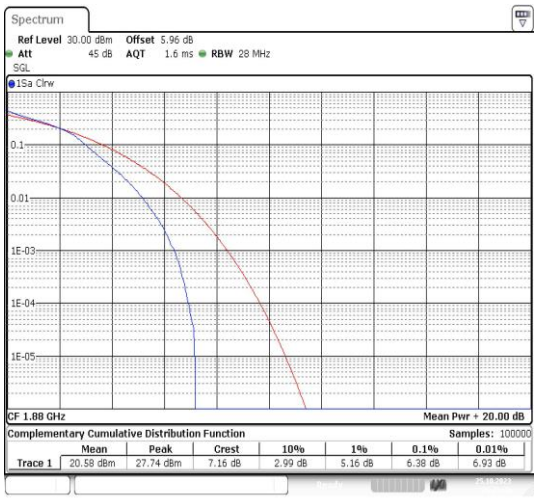

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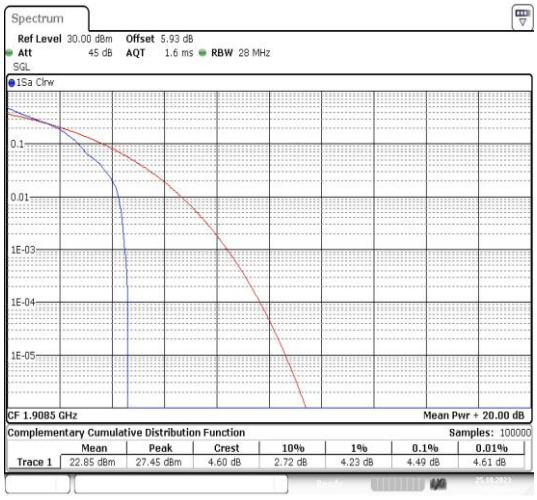

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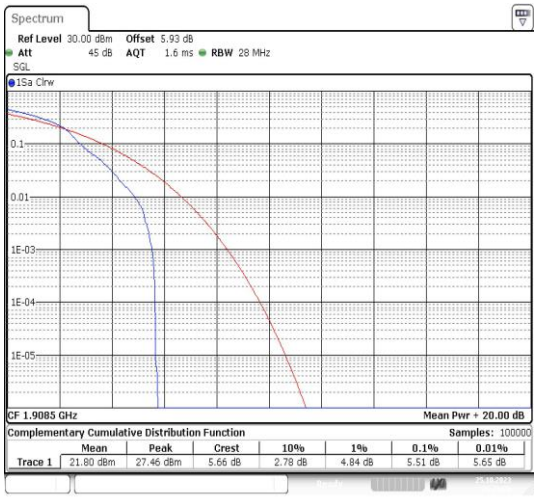

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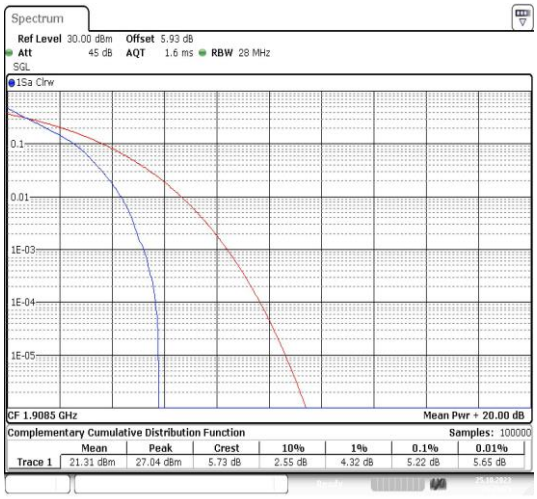

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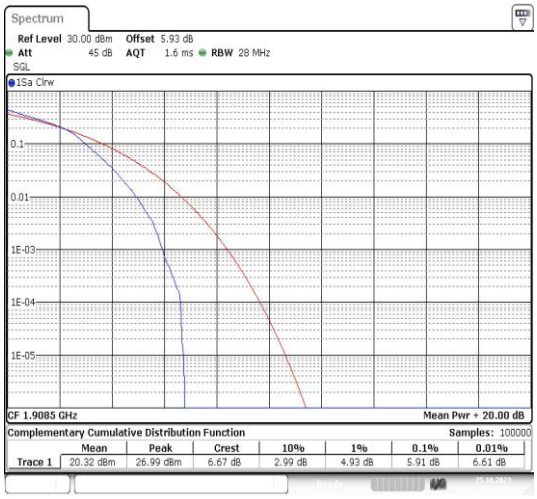

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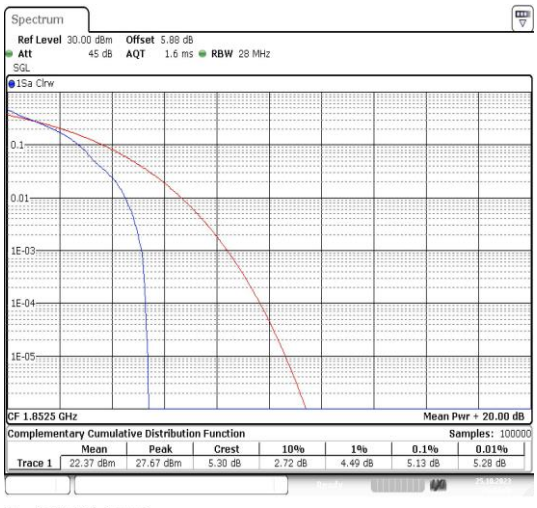

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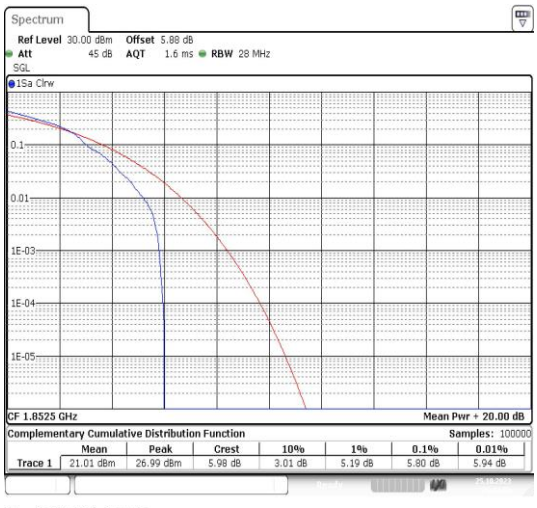

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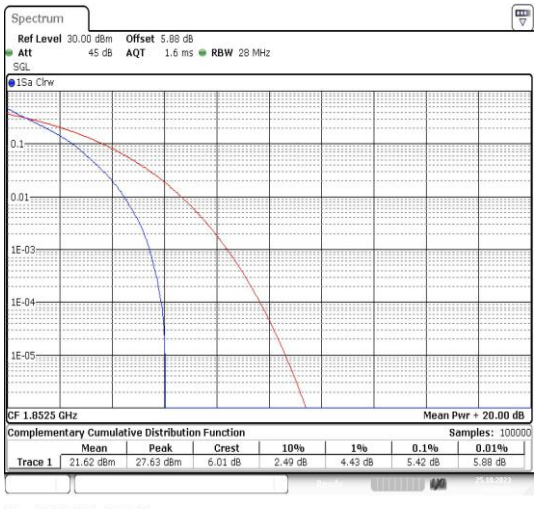

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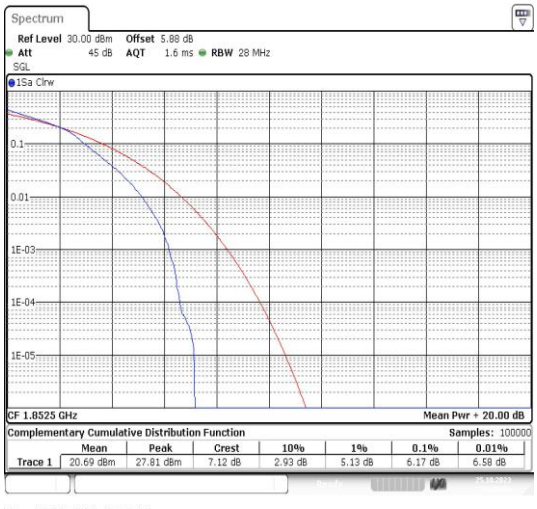

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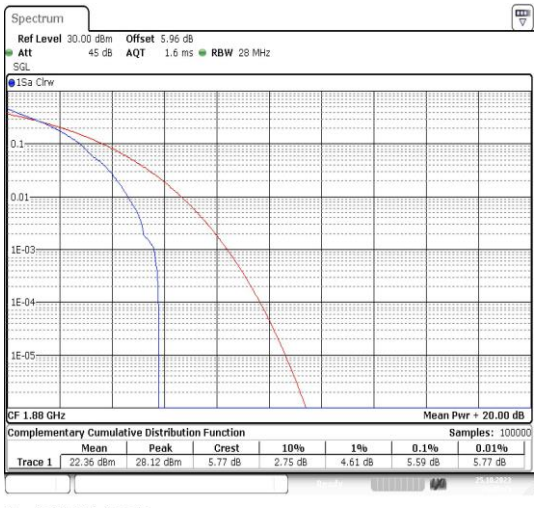

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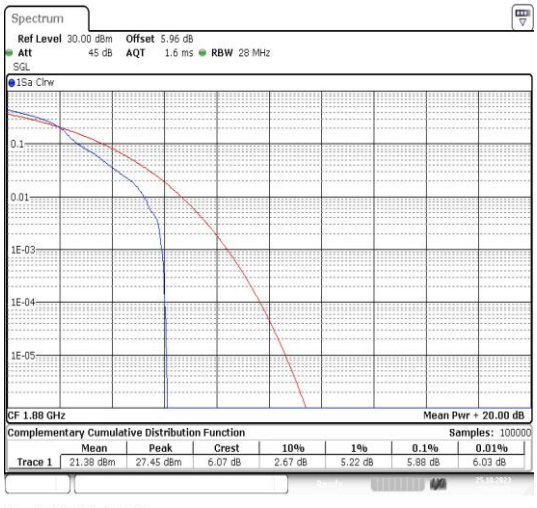

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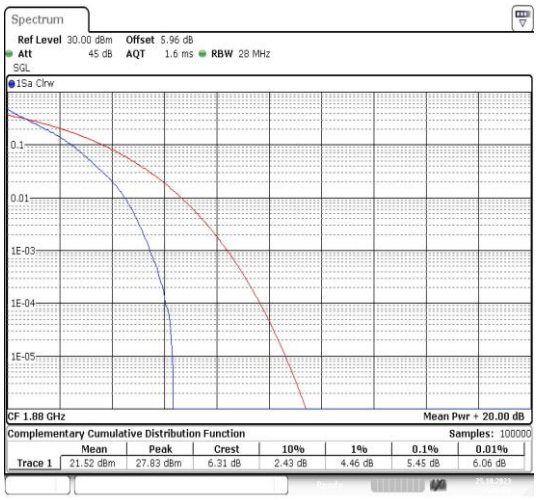

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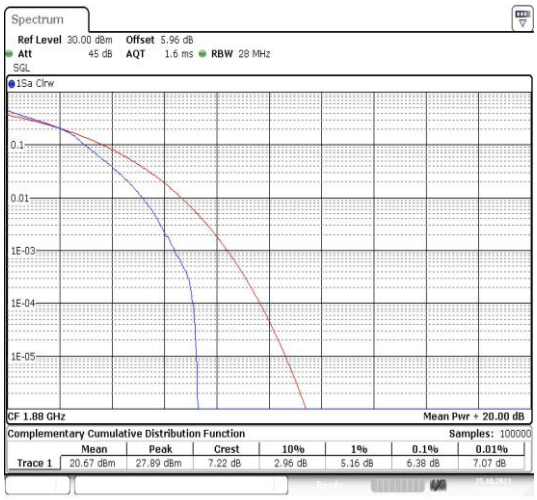

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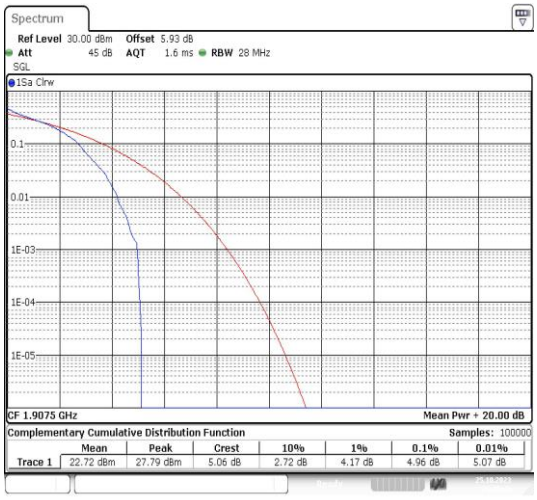

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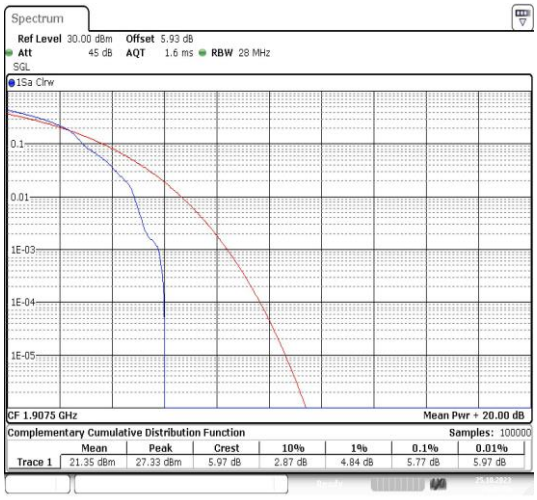

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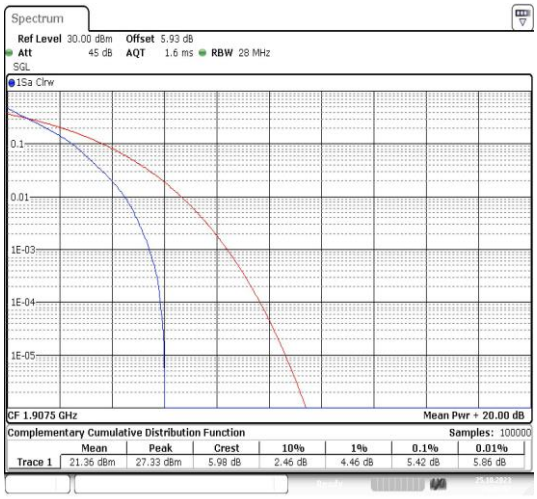

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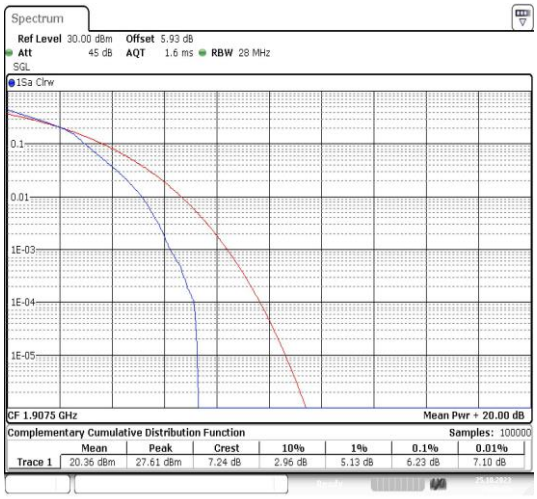

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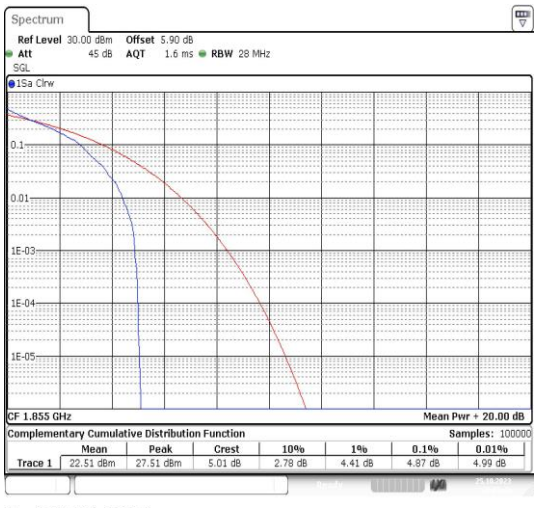

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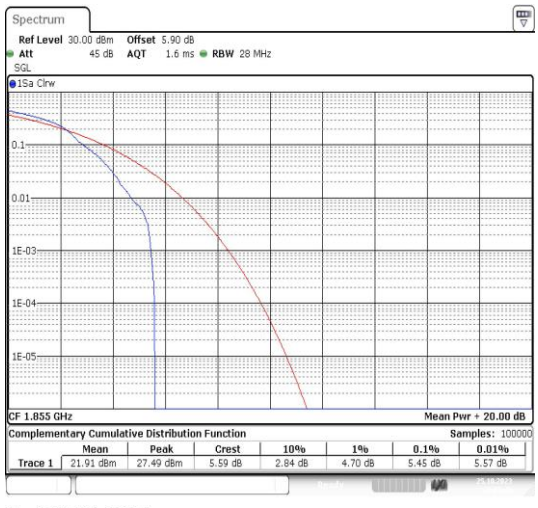

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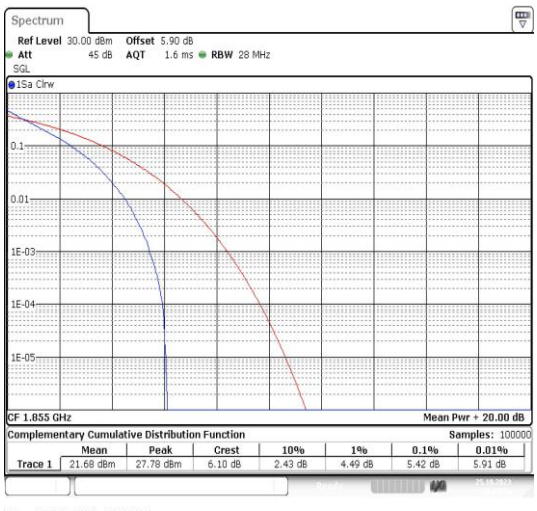

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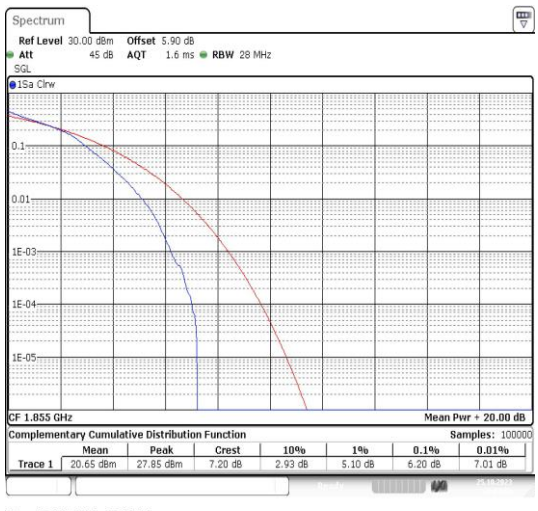

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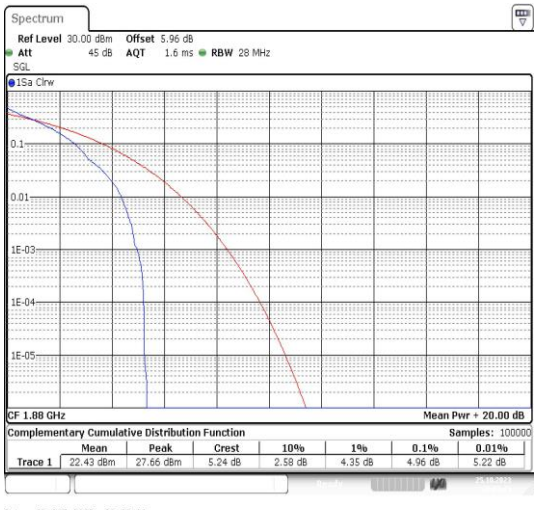

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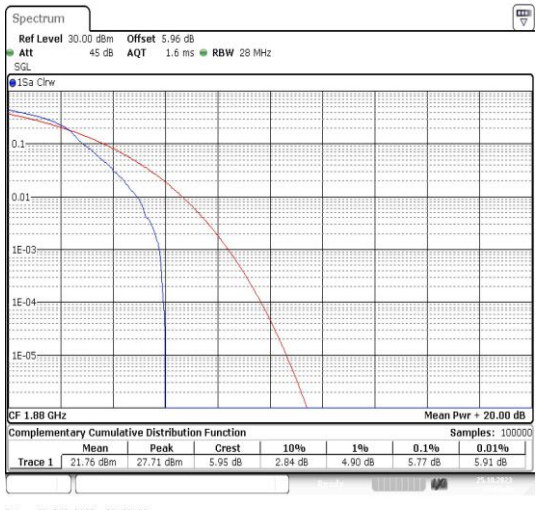

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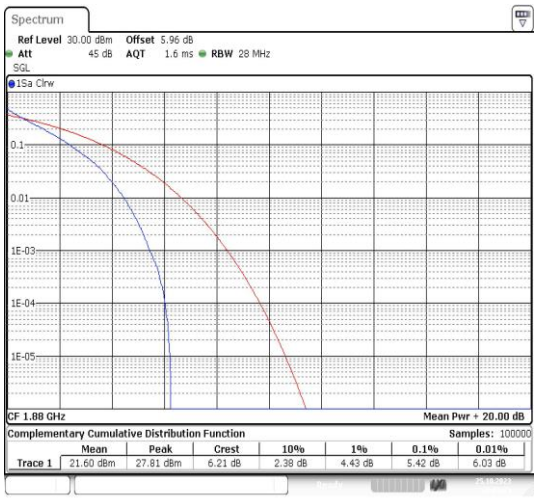

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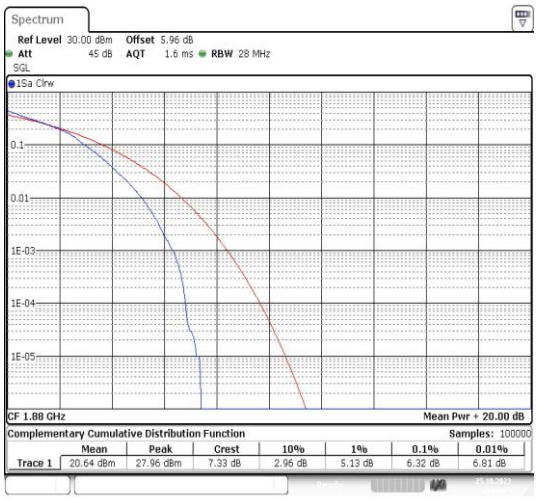

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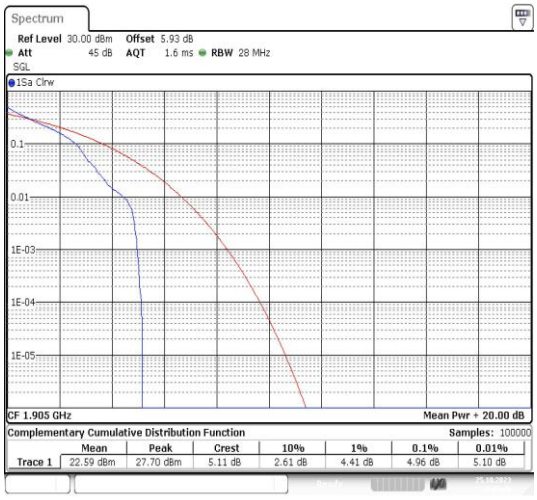

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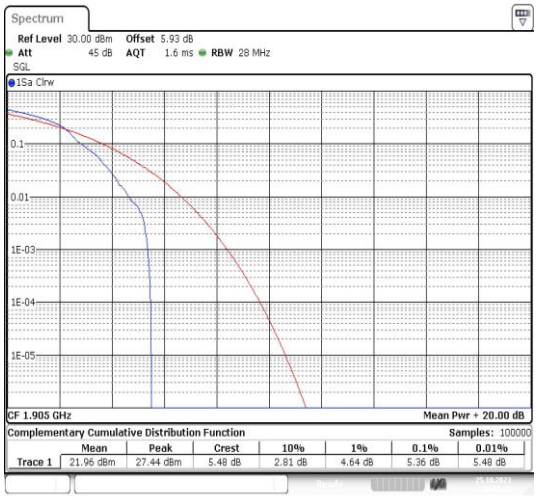

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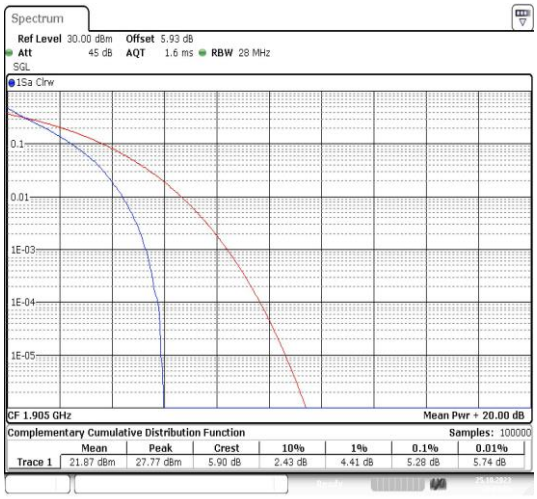

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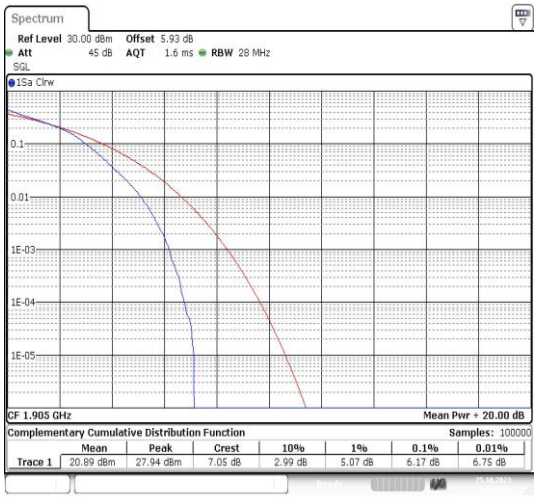

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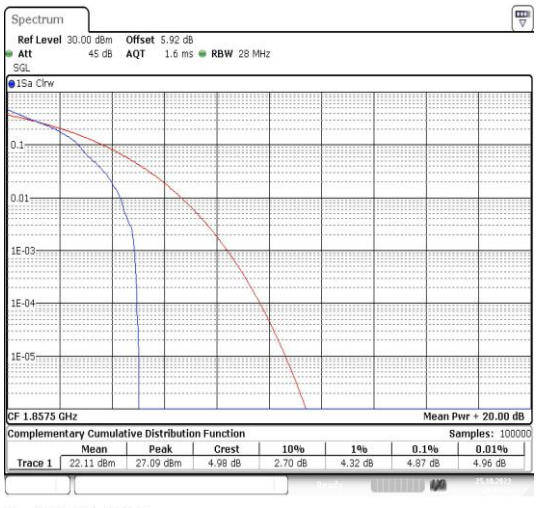

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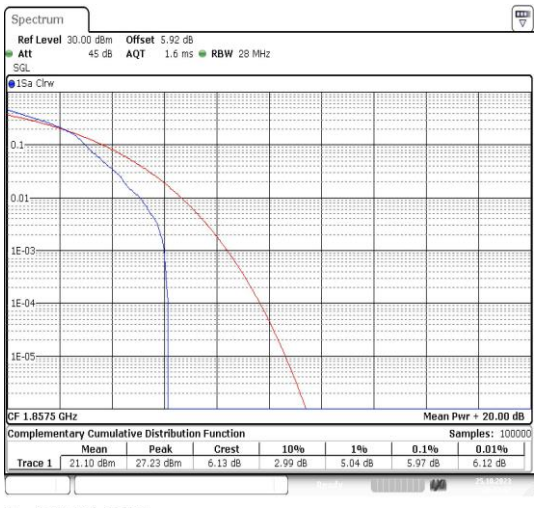

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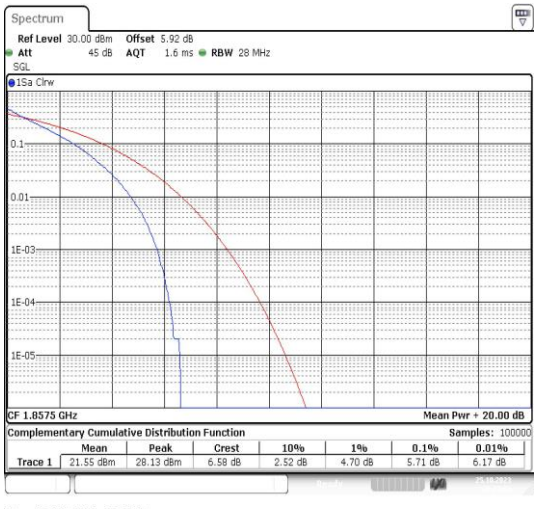

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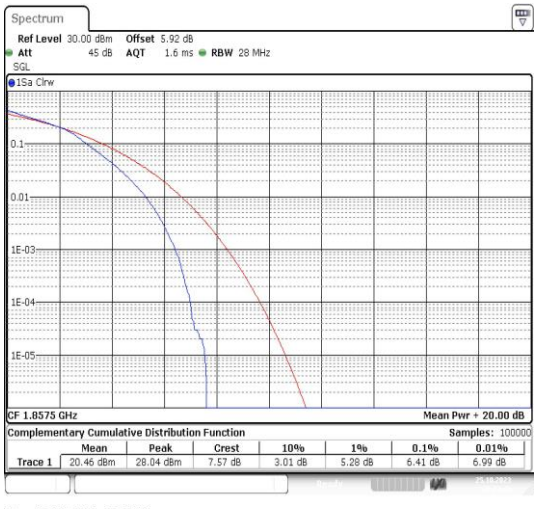

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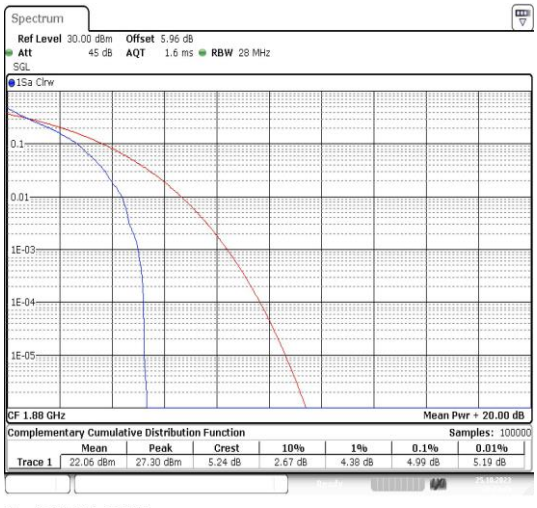

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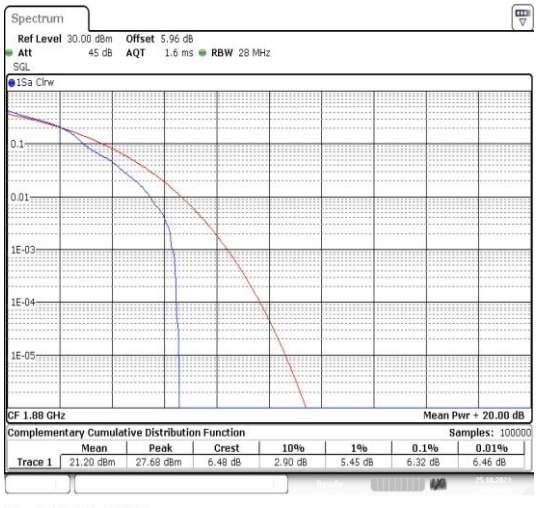

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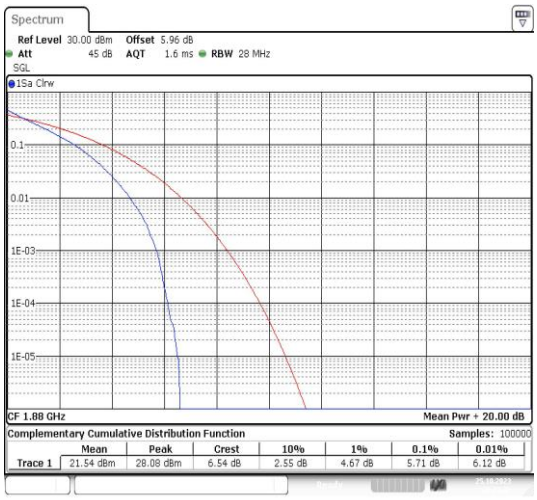

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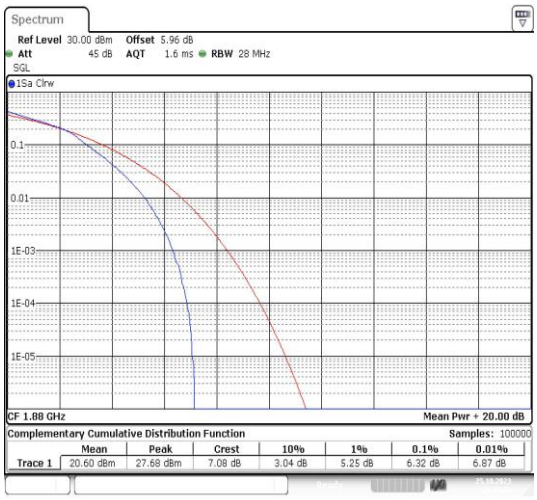

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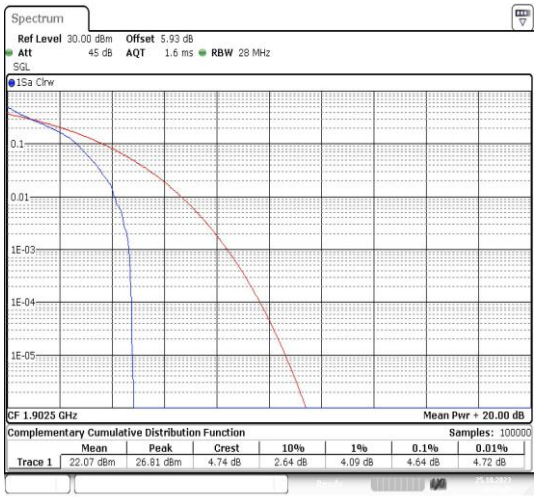

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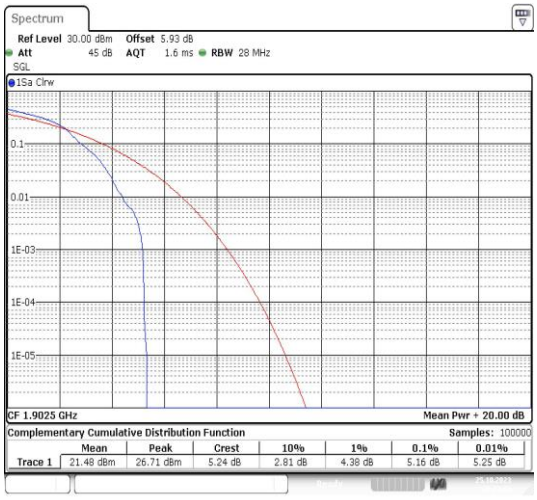
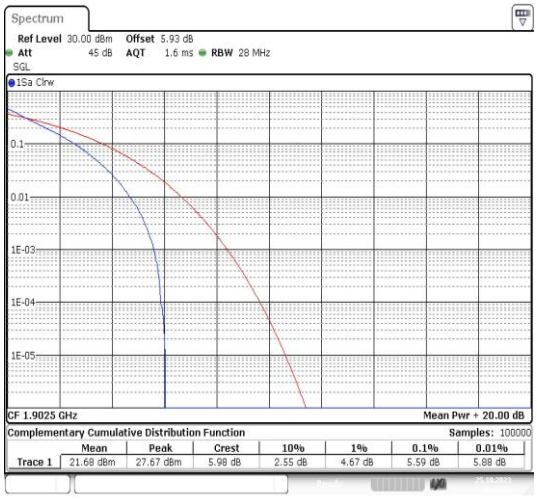


Band2-15MHz-16QAM-19125-1RB#0-PASS



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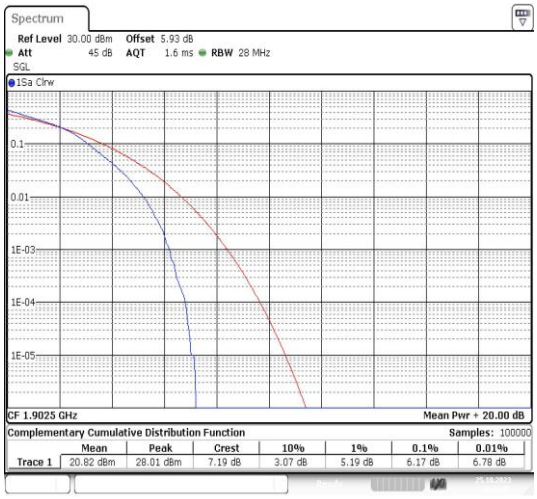

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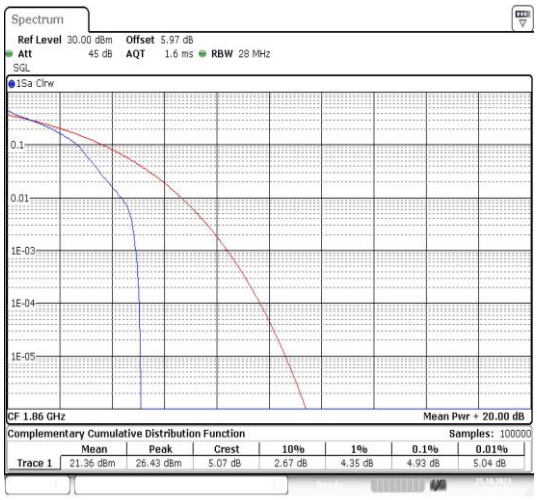

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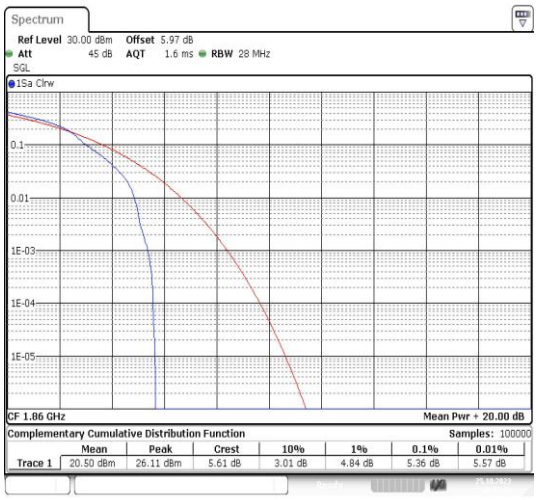

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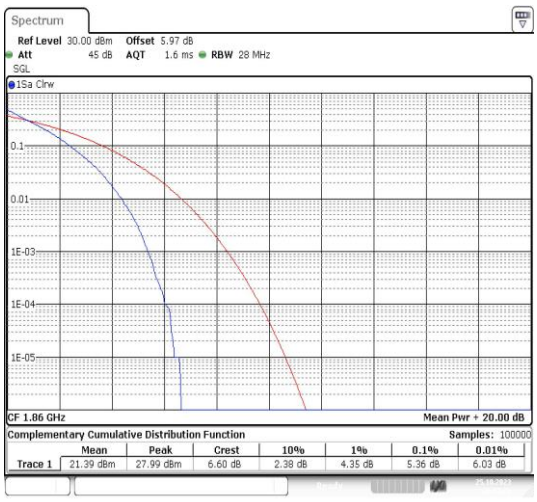

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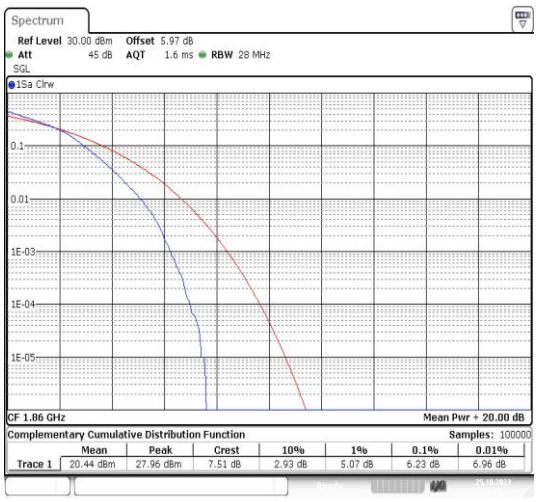

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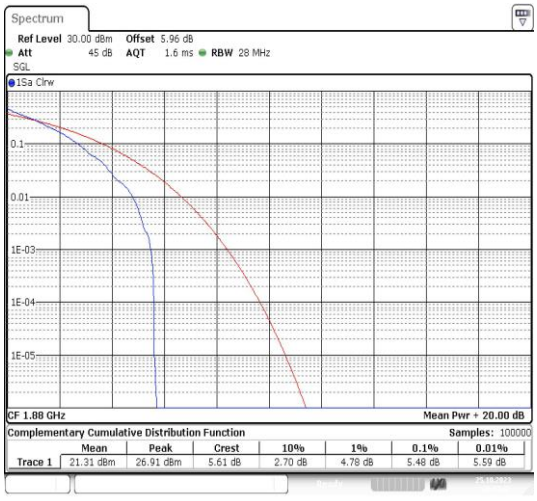

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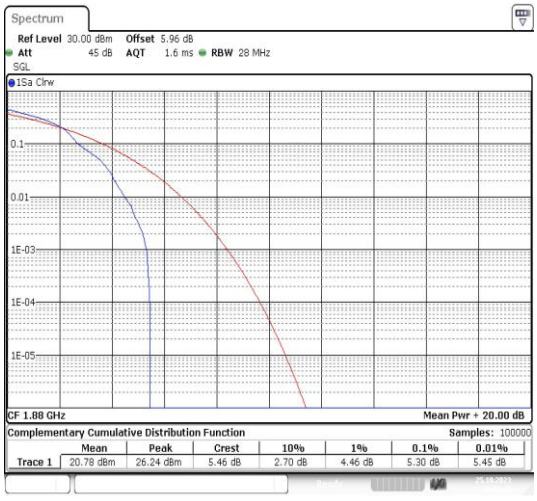

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