

LTE Band 2 Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.72	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.77	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.76	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.72	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.72	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.73	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.69	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.82	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.89	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.80	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.83	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.83	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.84	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.84	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.80	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.80	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.79	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.84	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.84	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.86	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.68	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.67	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.63	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.61	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.59	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.57	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.73	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.97	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.09	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.96	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.73	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.71	PASS

Band2	1.4MHz	16QAM	18900	3RB#3	22.70	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.88	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.97	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.06	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.04	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.77	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.80	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.83	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.72	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.76	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.79	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.73	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.79	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.81	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.80	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.75	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.97	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.88	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.92	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.90	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.93	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.89	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.96	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.95	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.86	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.75	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.94	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.93	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.99	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.92	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.96	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.90	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.89	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.86	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.85	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.83	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.80	PASS

Band2	3MHz	16QAM	18900	1RB#0	23.03	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.06	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.98	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.95	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.95	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.90	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.83	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.80	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.84	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.80	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.99	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.97	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.96	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.86	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.93	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.94	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.83	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.82	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.81	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.80	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.75	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.01	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.06	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.96	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.91	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.91	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.92	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.91	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.04	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.07	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.92	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.94	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.90	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.95	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.93	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.94	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.99	PASS

Band2	5MHz	16QAM	18625	1RB#24	22.91	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.82	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.84	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.79	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.86	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.27	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.29	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.18	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.99	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.94	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.98	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.88	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.06	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.12	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.02	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.95	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.97	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.97	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.79	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.82	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.76	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.86	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.87	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.77	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.81	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.89	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.94	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.84	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.94	PASS
Band2	10MHz	QPSK	18900	25RB#12	23.03	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.87	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.92	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.11	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.95	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.88	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.06	PASS

Band2	10MHz	QPSK	19150	25RB#12	23.09	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.97	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.94	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.10	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.95	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.92	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.85	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.86	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.79	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.80	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.11	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.12	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.99	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.04	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.03	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.91	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.92	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.01	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.88	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.88	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.10	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.09	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.96	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.93	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.90	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.82	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.92	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.78	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.78	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.79	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.81	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.94	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.86	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.84	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.91	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.92	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.89	PASS

Band2	15MHz	QPSK	18900	75RB#0	22.92	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.28	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.20	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.01	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.16	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.15	PASS
Band2	15MHz	QPSK	19125	38RB#37	23.14	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.16	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.13	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.97	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.10	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.77	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.81	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.80	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.81	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.15	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.16	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.12	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.88	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.89	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.91	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.92	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.23	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.04	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.04	PASS
Band2	15MHz	16QAM	19125	38RB#0	23.17	PASS
Band2	15MHz	16QAM	19125	38RB#18	23.19	PASS
Band2	15MHz	16QAM	19125	38RB#37	23.17	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.16	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.99	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.88	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.91	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.87	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.90	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.91	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.86	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.90	PASS

Band2	20MHz	QPSK	18900	1RB#49	23.86	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.58	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.91	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.95	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.88	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.93	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.25	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.22	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.13	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.26	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.26	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.07	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.23	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.14	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.04	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.03	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.93	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.89	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.90	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.81	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.07	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.73	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.99	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.03	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.93	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.96	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.34	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.21	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.27	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.21	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.19	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.04	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.20	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	4.35	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.31	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.76	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.52	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.70	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.65	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.19	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.21	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.69	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.37	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.64	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.60	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.28	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.18	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.64	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.41	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	3.99	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.73	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.18	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.08	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.41	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.25	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	4.76	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.72	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.23	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.21	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.67	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.44	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.34	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.96	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.07	13	PASS

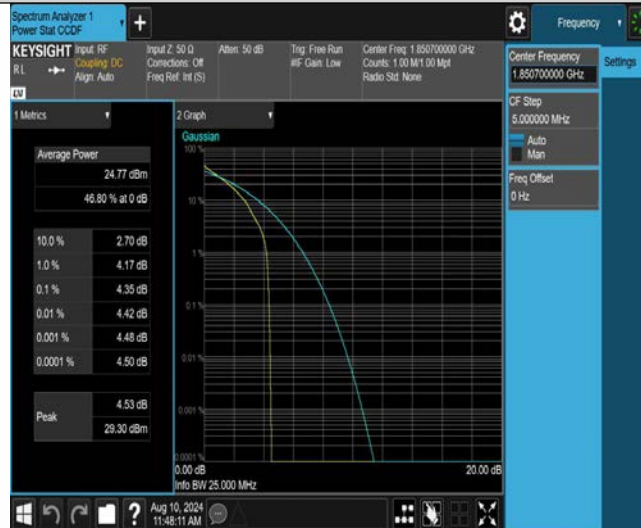
Band2	5MHz	16QAM	18625	25RB#0	6.04	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.56	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.26	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.09	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.85	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.23	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.22	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.71	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.43	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.54	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.25	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.12	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.09	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.64	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.23	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.44	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.11	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.18	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.40	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.64	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.57	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.38	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.45	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.10	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.12	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.55	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.27	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.21	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.18	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.21	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.25	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.64	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.24	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.14	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.37	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.11	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.06	13	PASS

Band2	20MHz	16QAM	18900	1RB#0	5.43	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.13	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.03	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.14	13	PASS

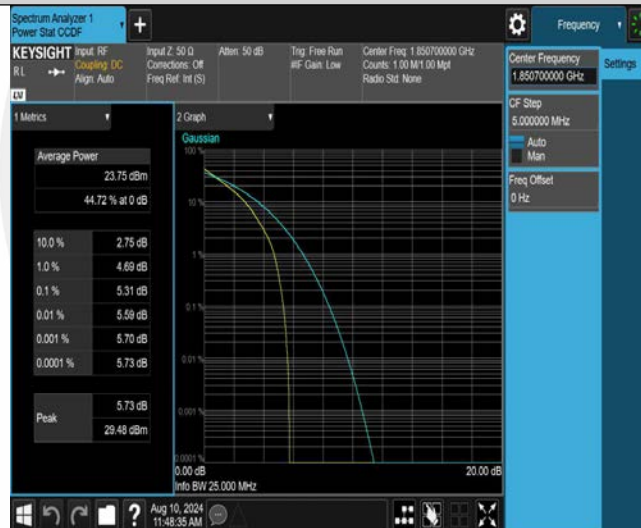


Test Graphs

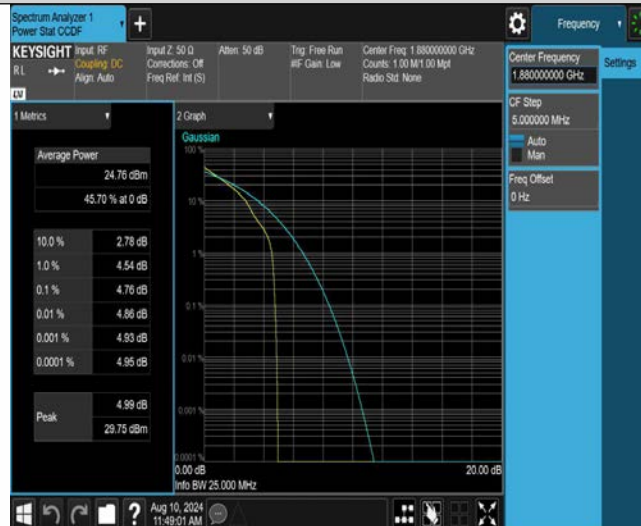
Band2-1.4MHz-QPSK-18607-1RB#0



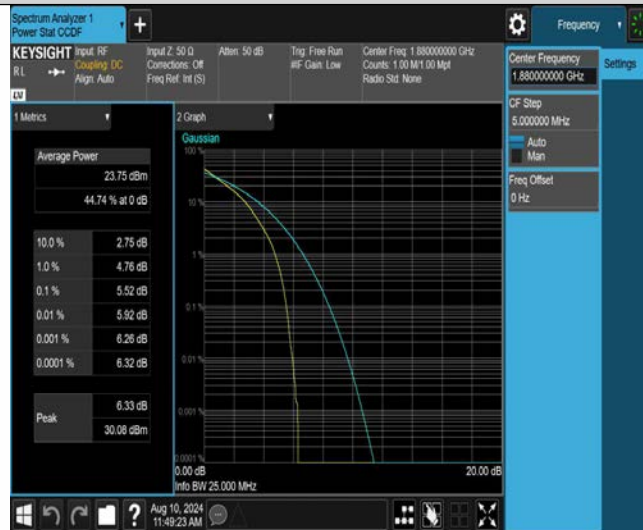
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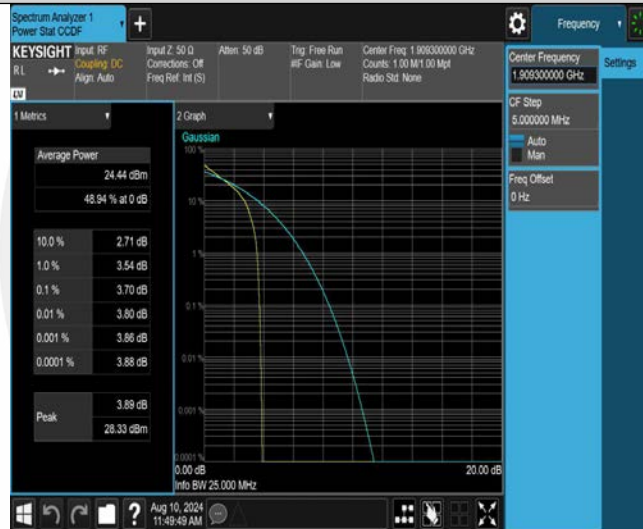
Band2-1.4MHz-QPSK-18900-1RB#0



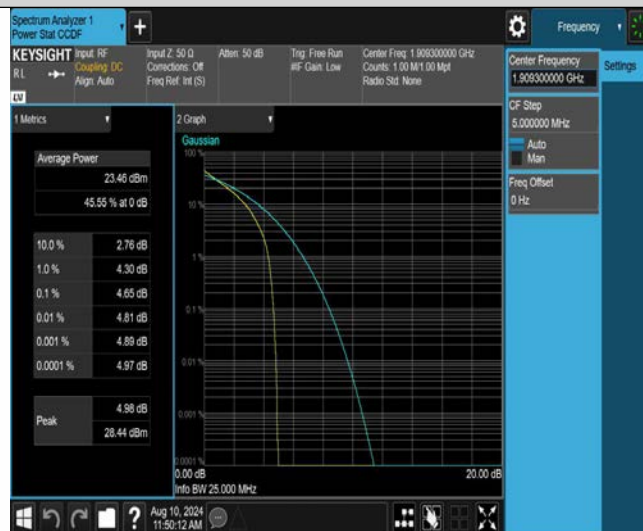
Band2-1.4MHz-QPSK-18900-6RB#0



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



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



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



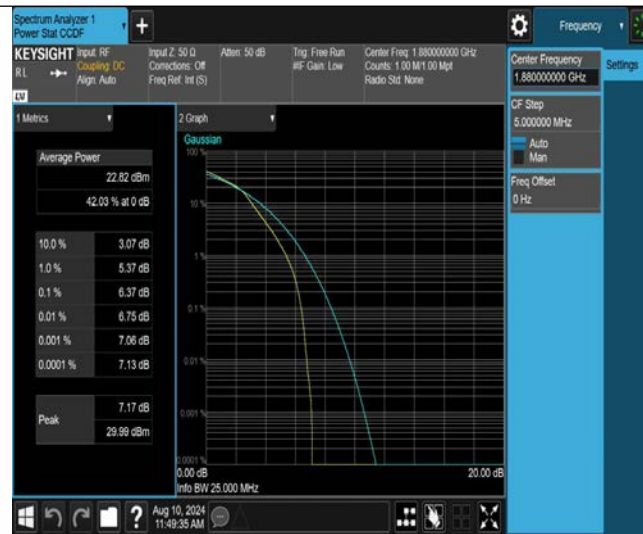
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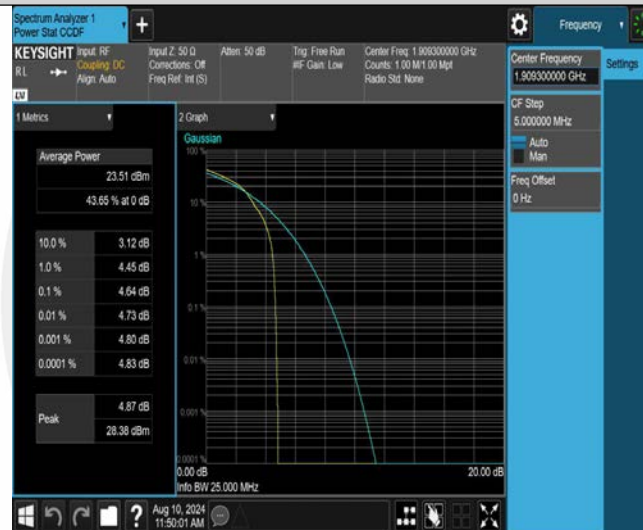
Band2-1.4MHz-16QAM-18900-1RB#0



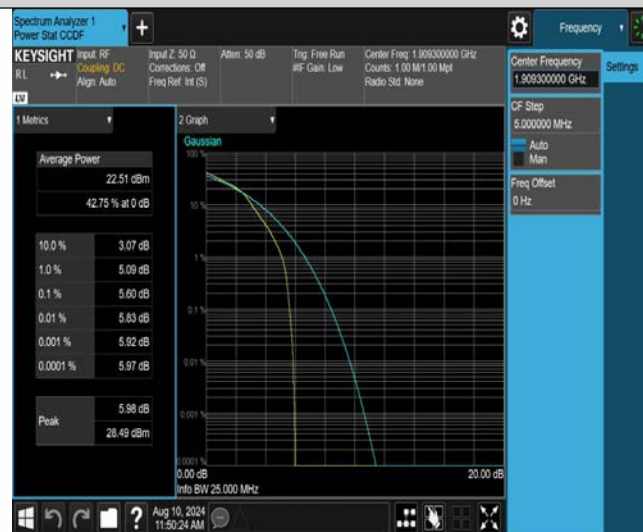
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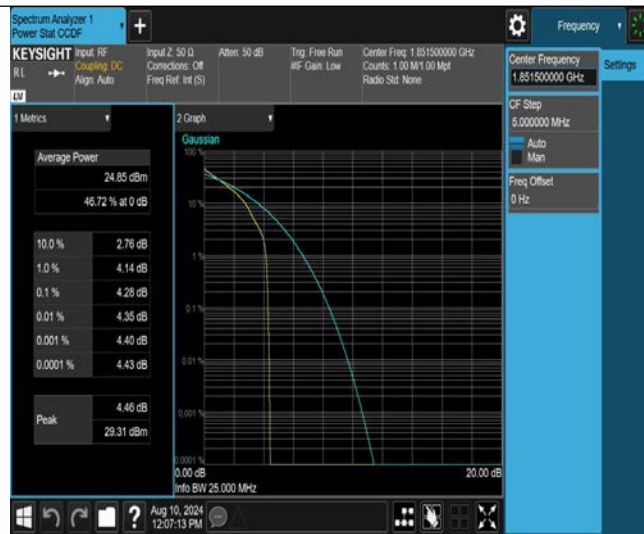
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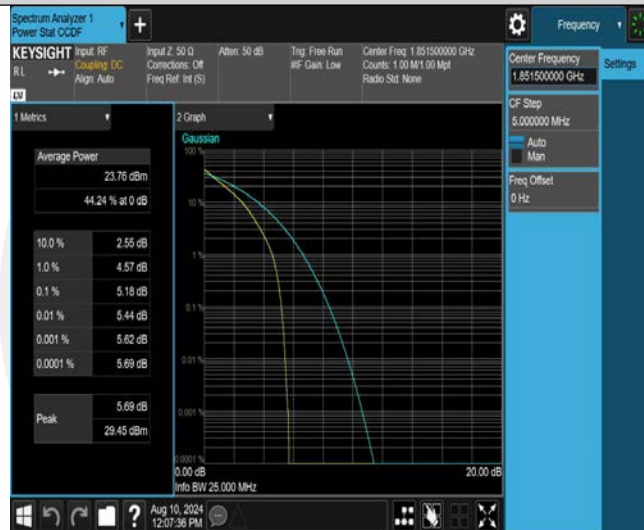
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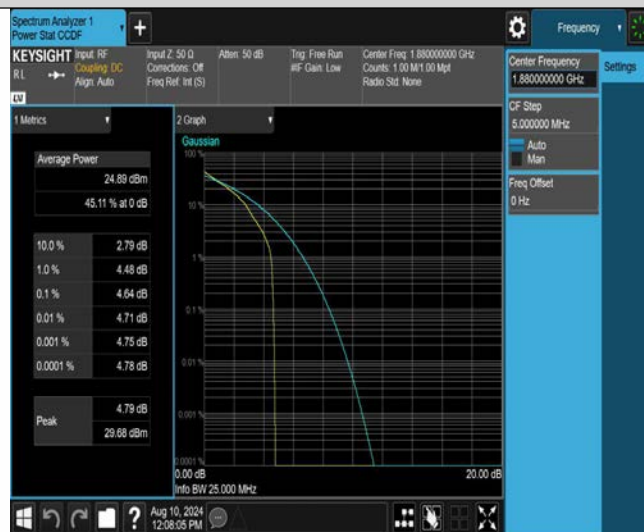
Band2-3MHz-QPSK-18615-1RB#0



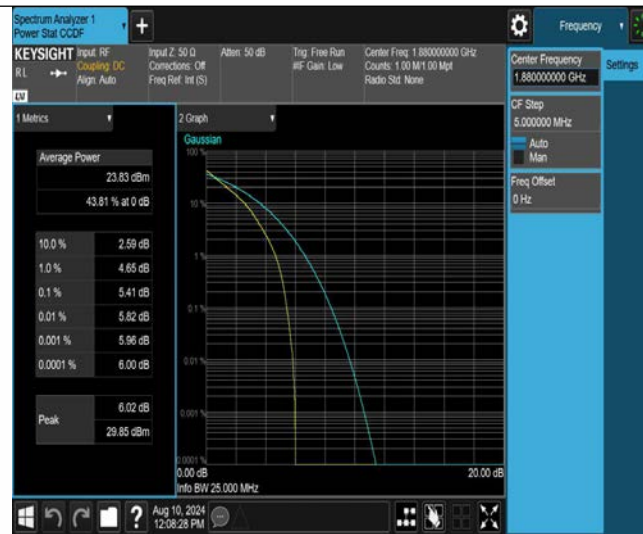
Band2-3MHz-QPSK-18615-15RB#0



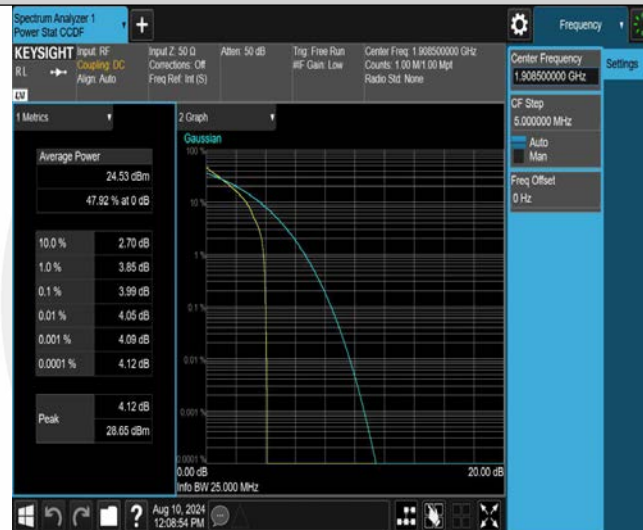
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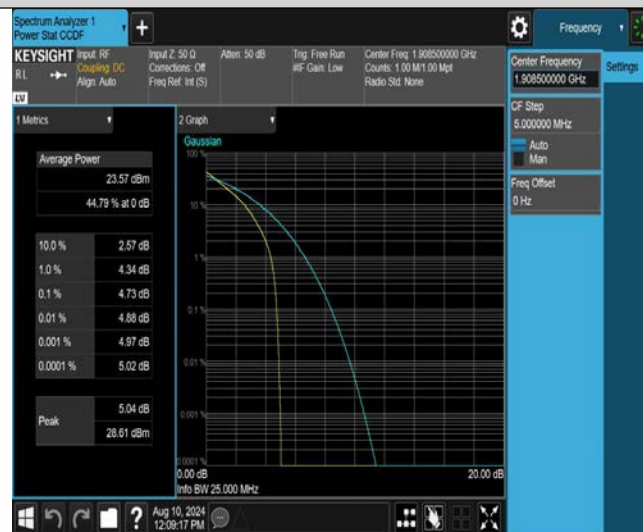
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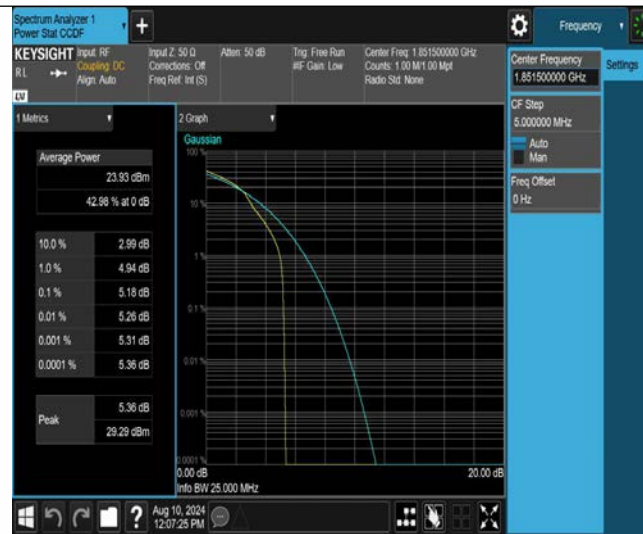
Band2-3MHz-QPSK-19185-1RB#0



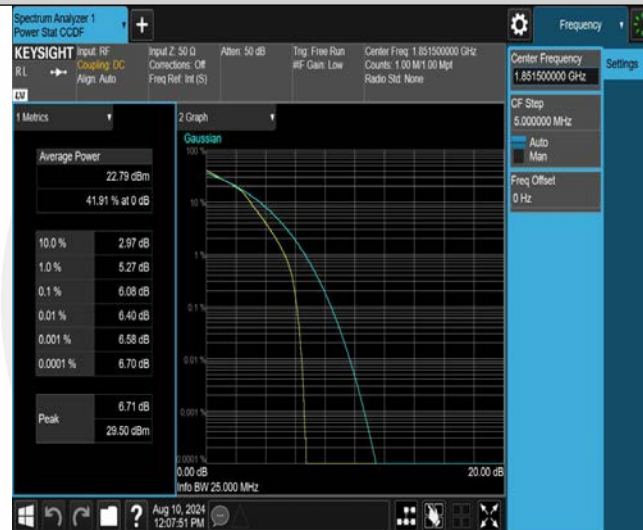
Band2-3MHz-QPSK-19185-15RB#0



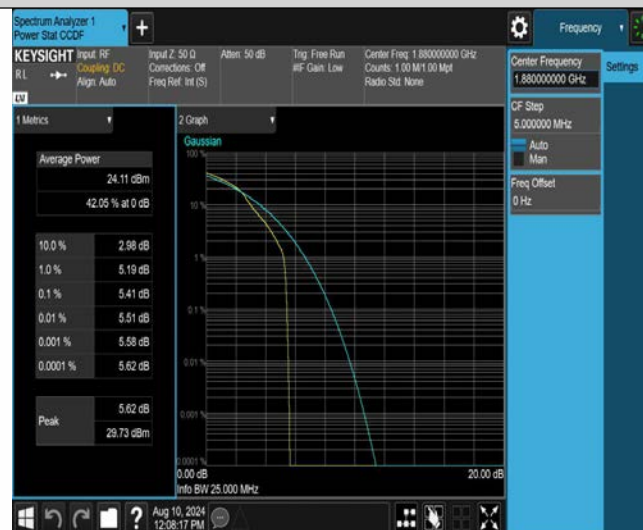
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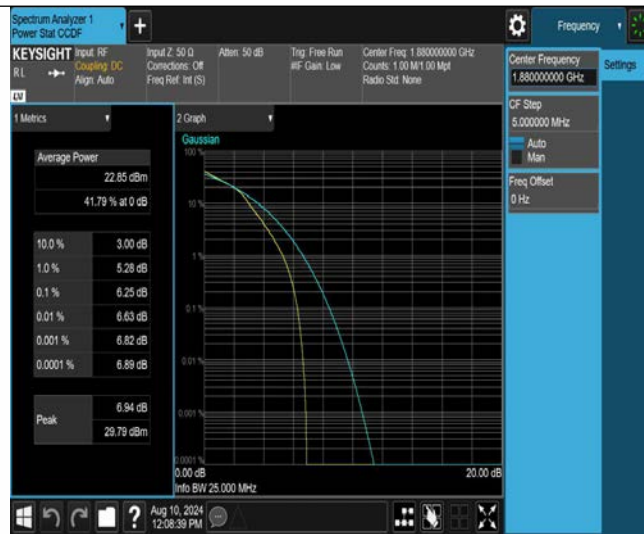
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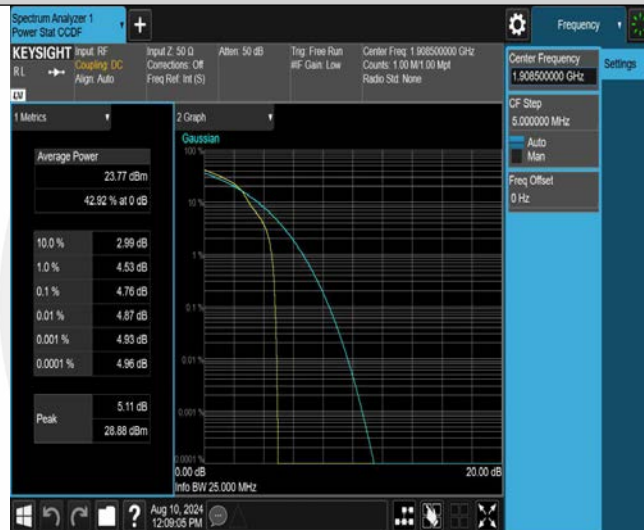
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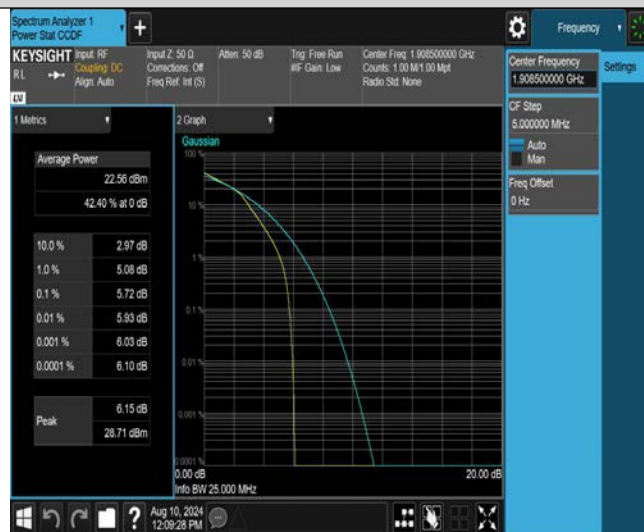
Band2-3MHz-16QAM-18900-15RB#0



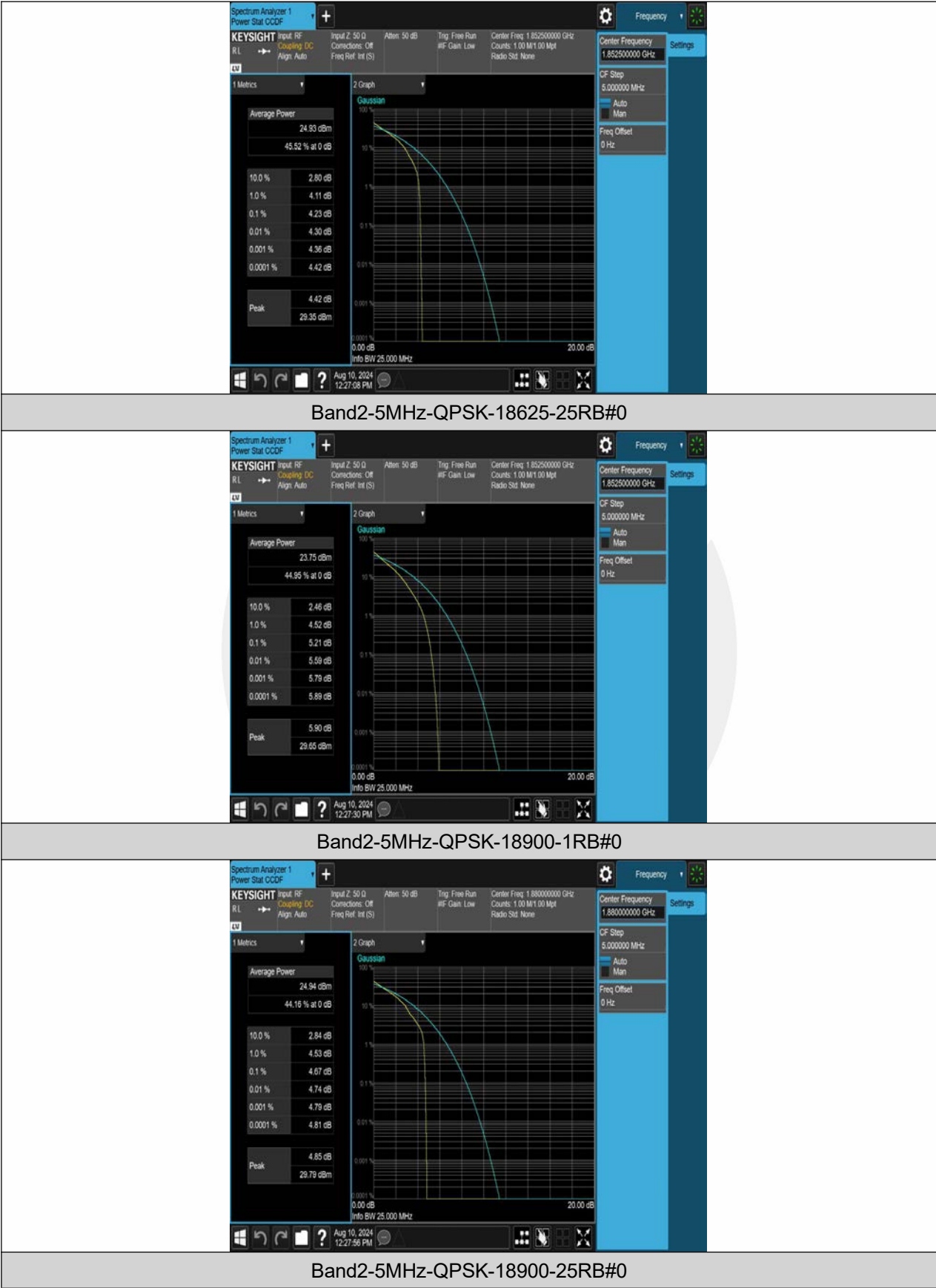
Band2-3MHz-16QAM-19185-1RB#0



Band2-3MHz-16QAM-19185-15RB#0



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



Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
Coupling DC
Align Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

Atten: 50 dB

Trig: Free Run
#F Gain: Low

Center Freq: 1.852500000 GHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None

Center Frequency
1.852500000 GHz

CF Step
5.000000 MHz
Auto
Man

Freq Offset
0 Hz

1 Metrics

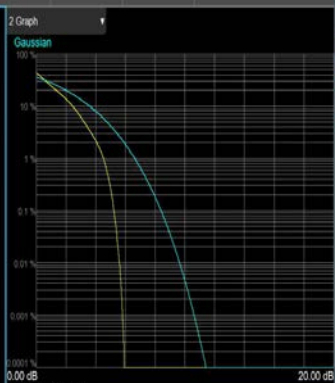
Average Power
23.75 dBm
44.95 % at 0 dB

10.0 % 2.46 dB
1.0 % 4.52 dB
0.1 % 5.21 dB
0.01 % 5.59 dB
0.001 % 5.79 dB
0.0001 % 5.89 dB

Peak
5.90 dB
29.65 dBm

2 Graph

Gaussian



Info BW: 25.000 MHz

Aug 10, 2024
12:27:30 PM

Band2-5MHz-QPSK-18900-1RB#0

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
Coupling DC
Align Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

Atten: 50 dB

Trig: Free Run
#F Gain: Low

Center Freq: 1.880000000 GHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None

Center Frequency
1.880000000 GHz

CF Step
5.000000 MHz
Auto
Man

Freq Offset
0 Hz

1 Metrics

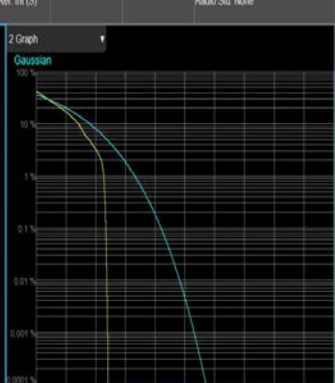
Average Power
24.94 dBm
44.18 % at 0 dB

10.0 % 2.84 dB
1.0 % 4.53 dB
0.1 % 4.67 dB
0.01 % 4.74 dB
0.001 % 4.79 dB
0.0001 % 4.81 dB

Peak
4.85 dB
29.79 dBm

2 Graph

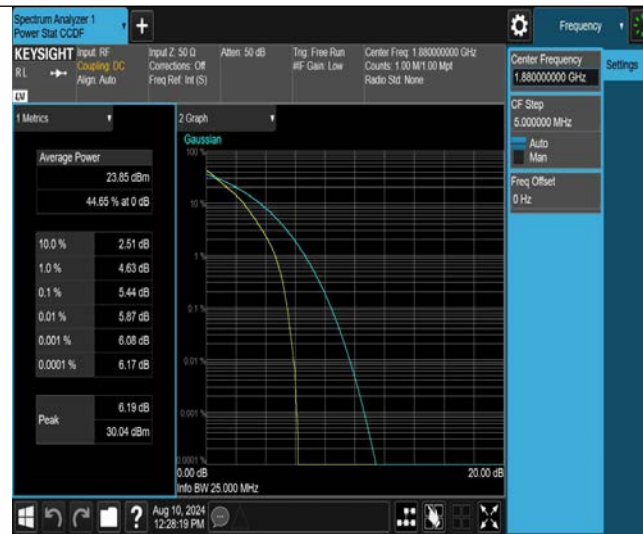
Gaussian



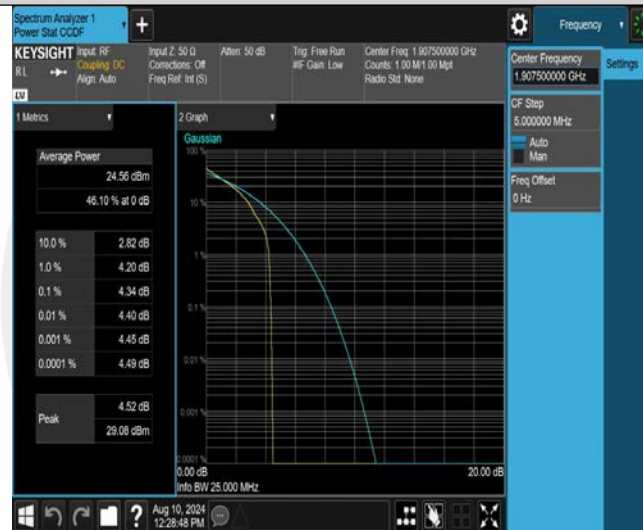
Info BW: 25.000 MHz

Aug 10, 2024
12:27:56 PM

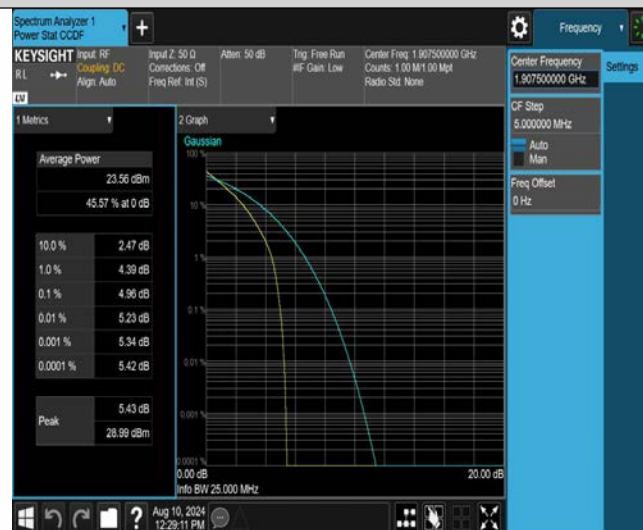
Band2-5MHz-QPSK-18900-25RB#0



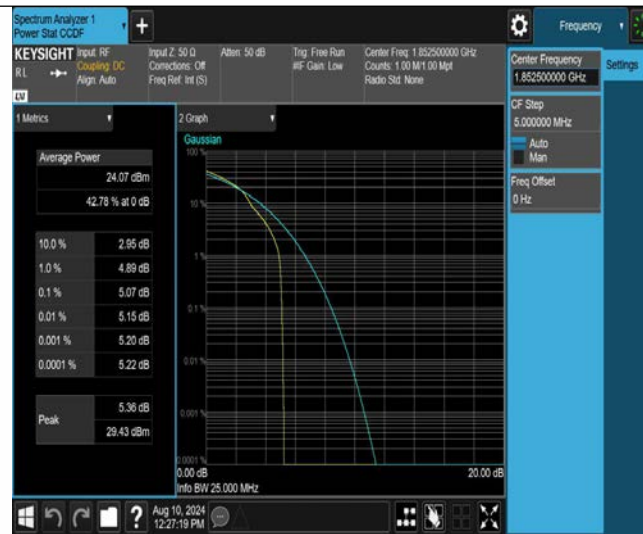
Band2-5MHz-QPSK-19175-1RB#0



Band2-5MHz-QPSK-19175-25RB#0



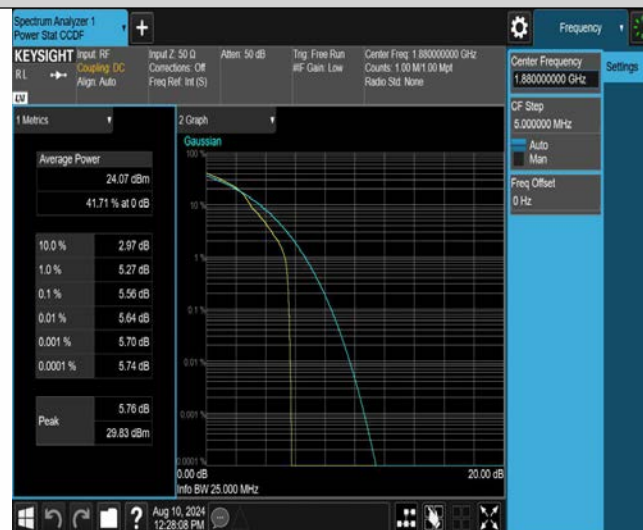
Band2-5MHz-16QAM-18625-1RB#0



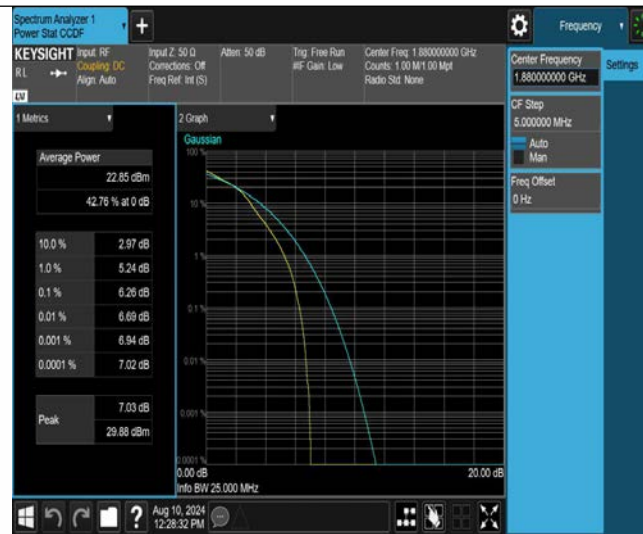
Band2-5MHz-16QAM-18625-25RB#0



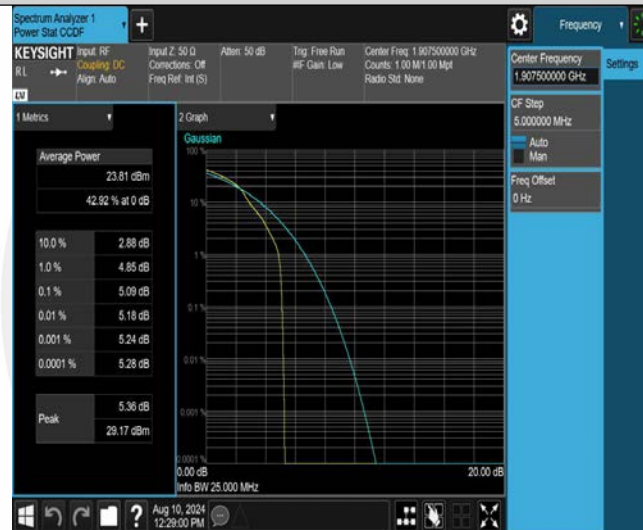
Band2-5MHz-16QAM-18900-1RB#0



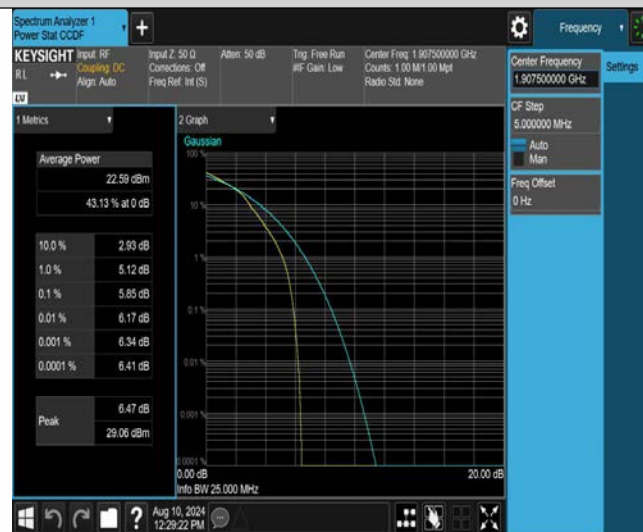
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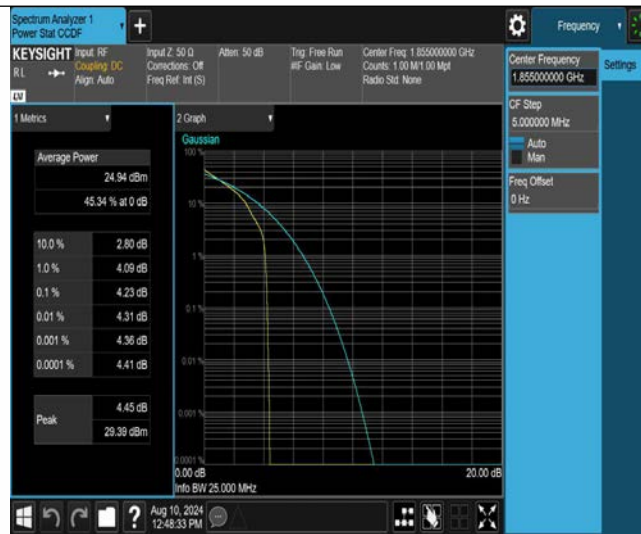
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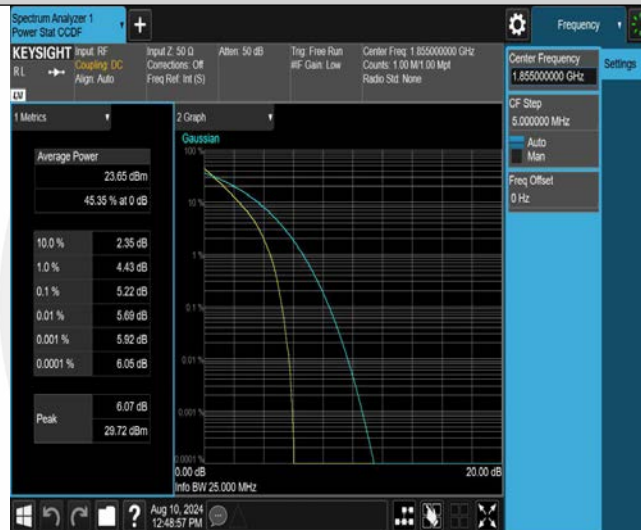
Band2-5MHz-16QAM-19175-25RB#0



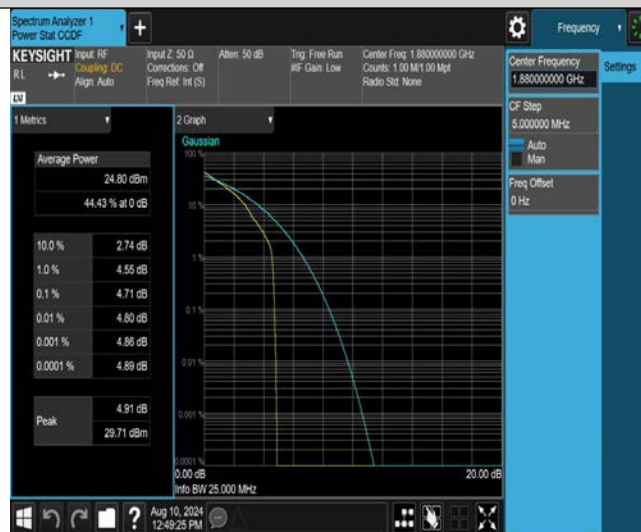
Band2-10MHz-QPSK-18650-1RB#0



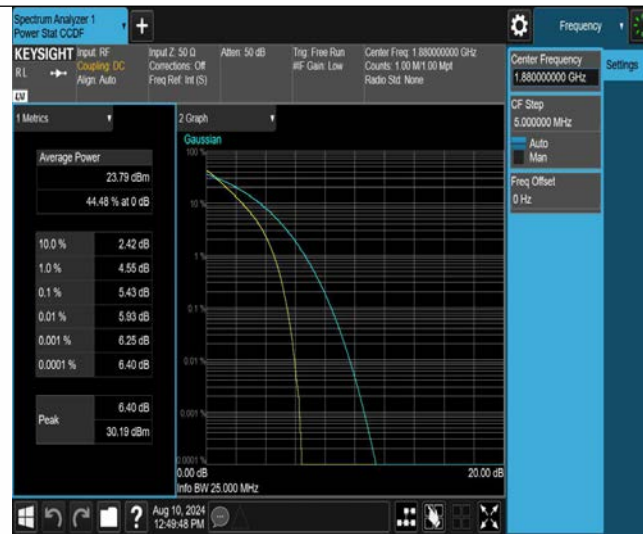
Band2-10MHz-QPSK-18650-50RB#0



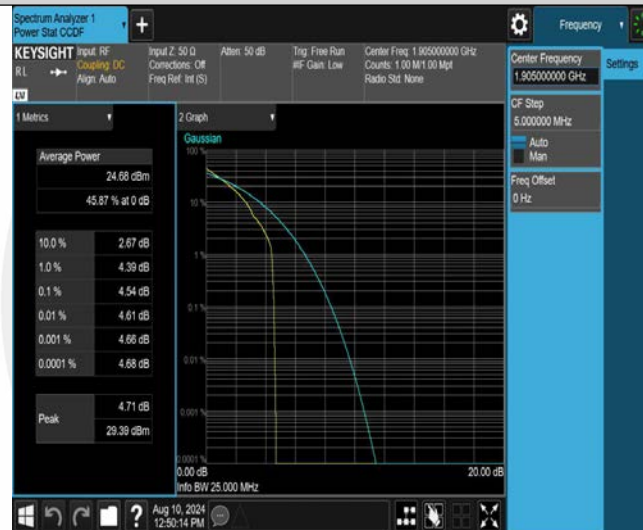
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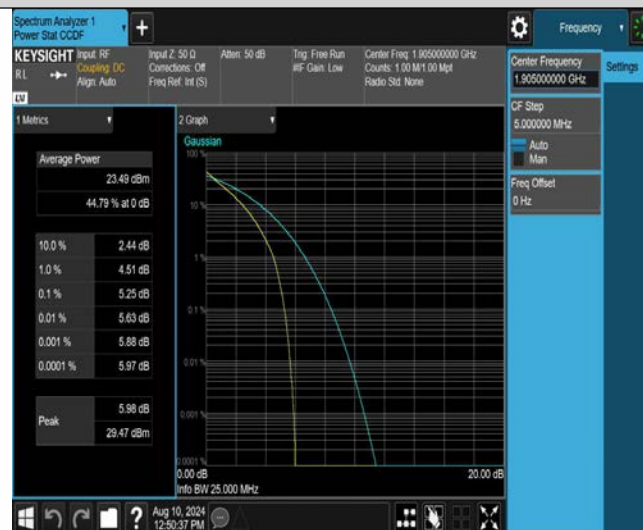
Band2-10MHz-QPSK-18900-50RB#0



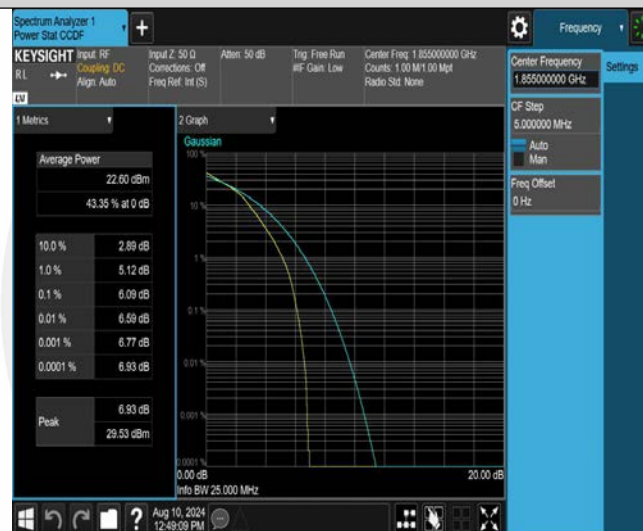
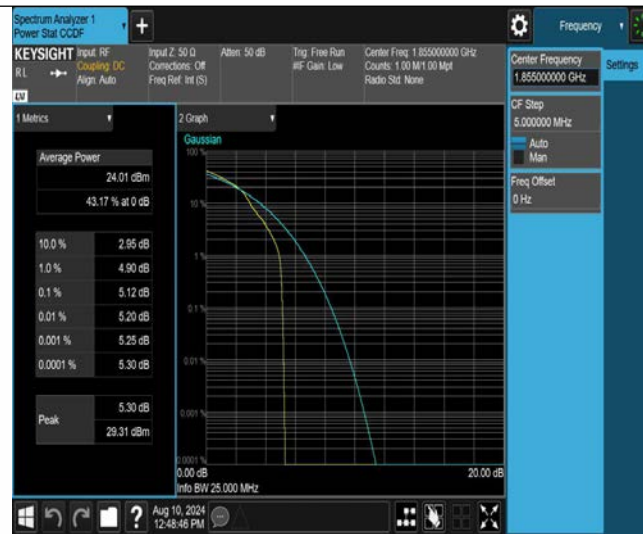
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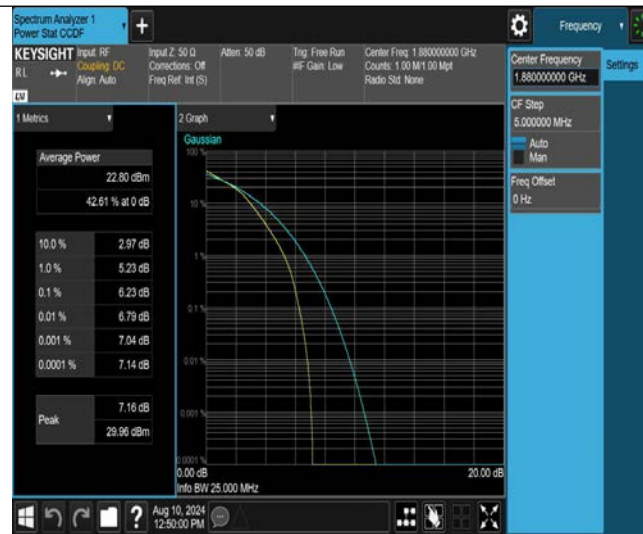


Band2-10MHz-QPSK-19150-50RB#0

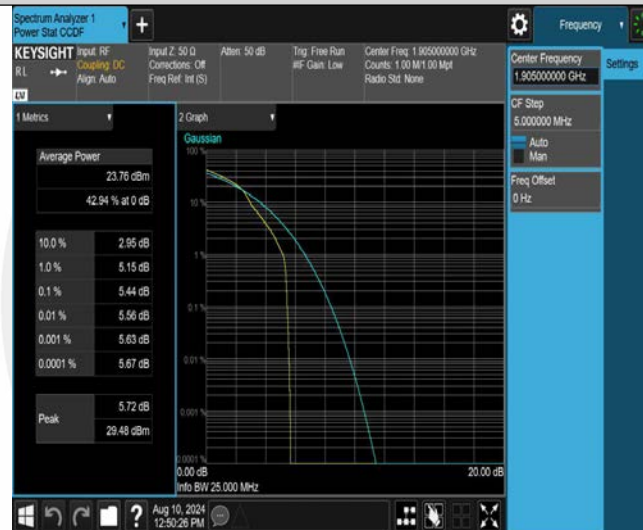


Band2-10MHz-16QAM-18650-1RB#0

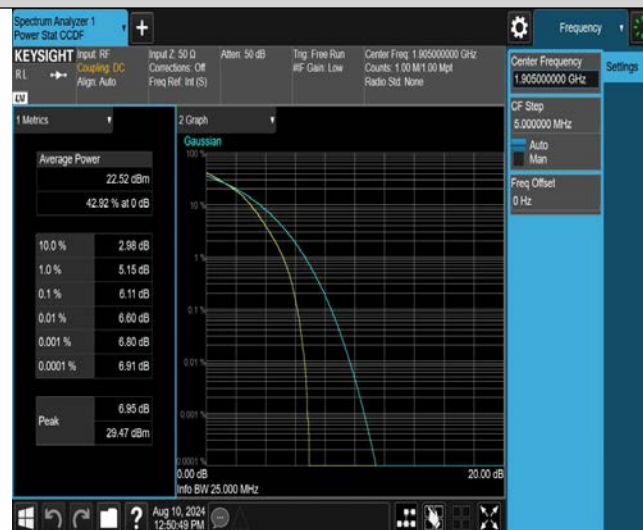




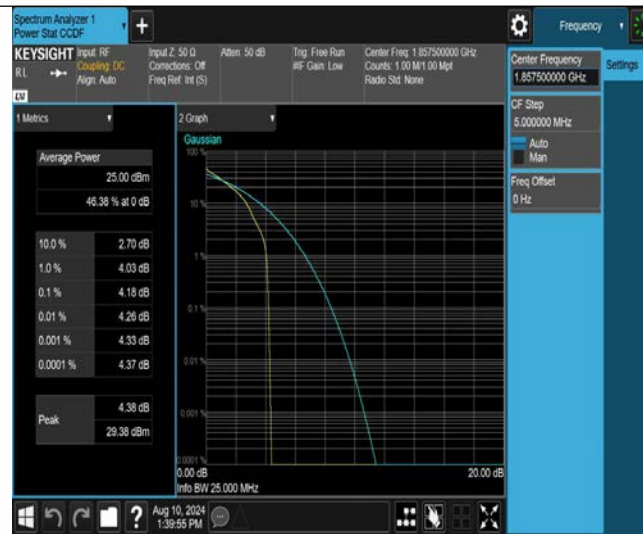
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Band2-10MHz-16QAM-19150-50RB#0



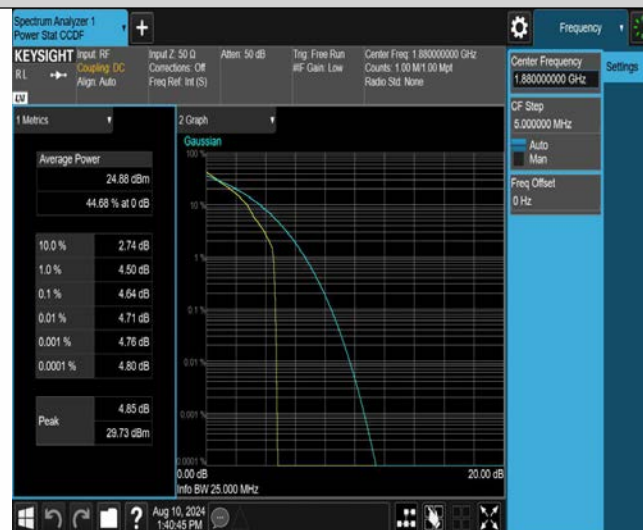
Band2-15MHz-QPSK-18675-1RB#0



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



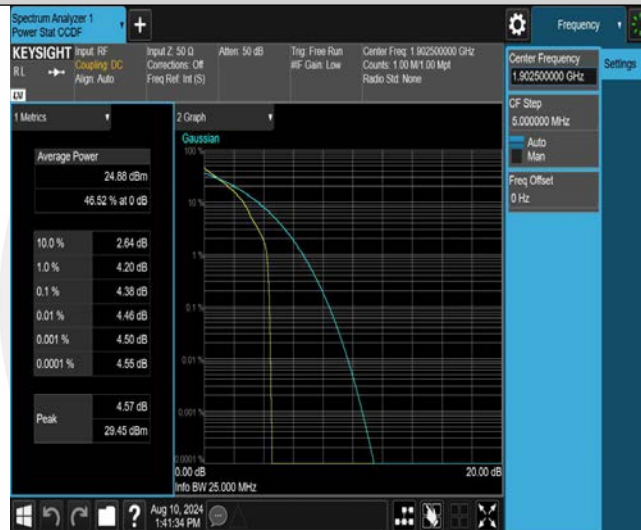
Band2-15MHz-QPSK-18900-1RB#0



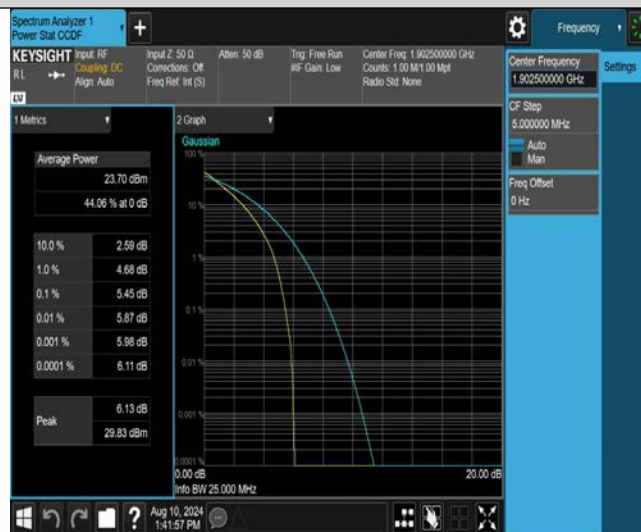
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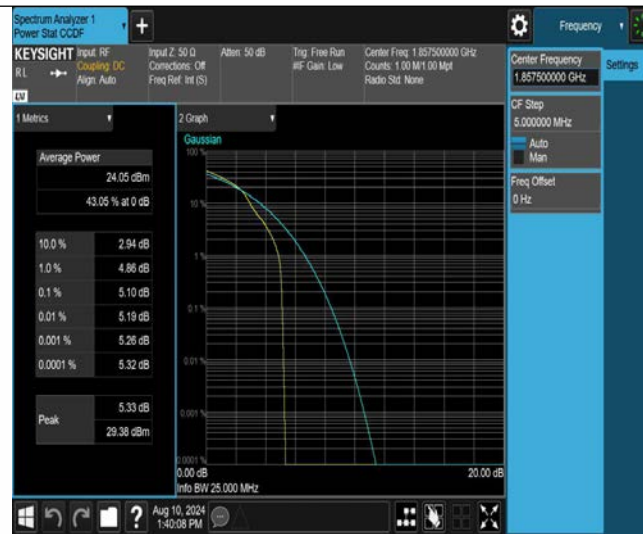
Band2-15MHz-QPSK-19125-1RB#0



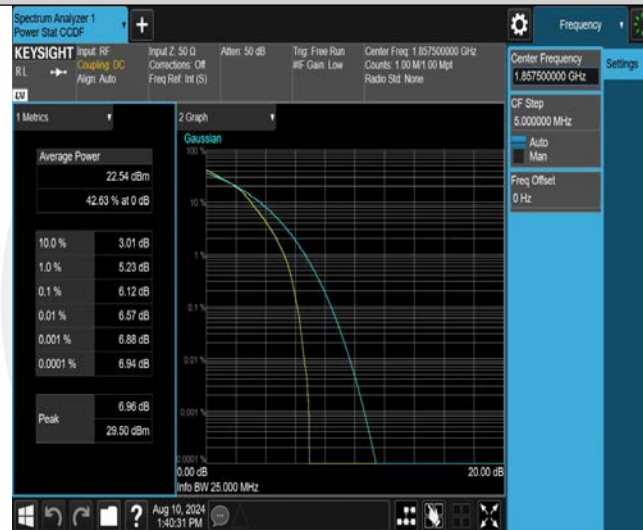
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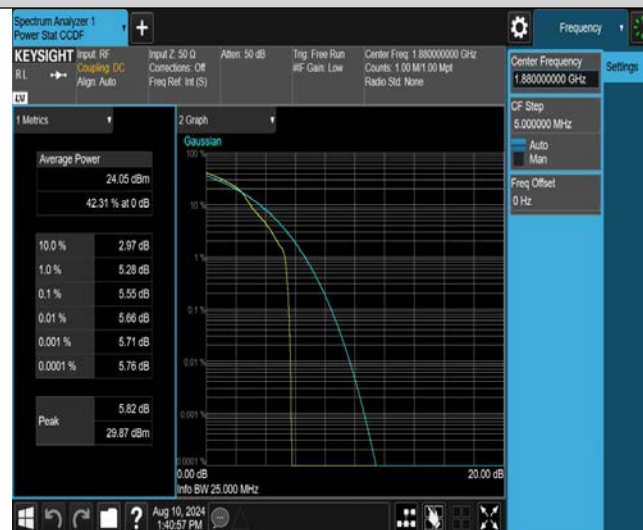
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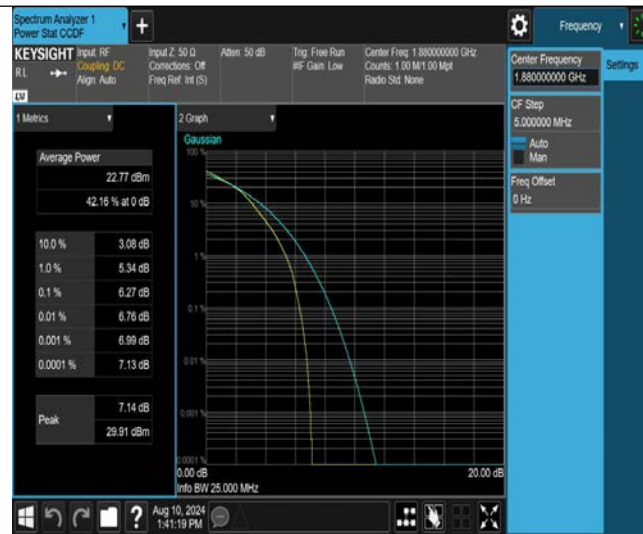
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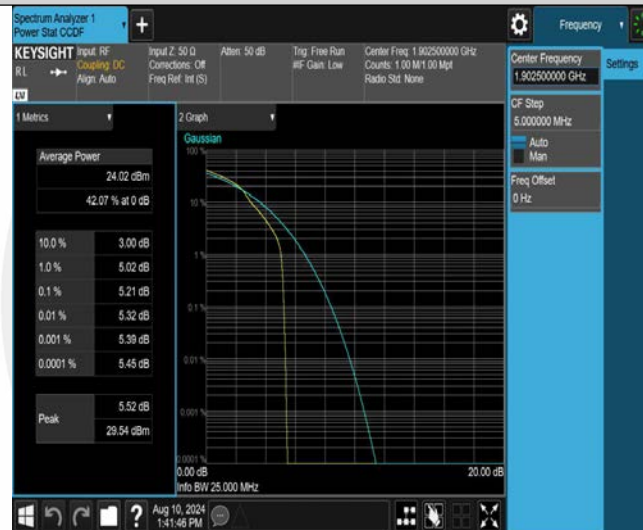
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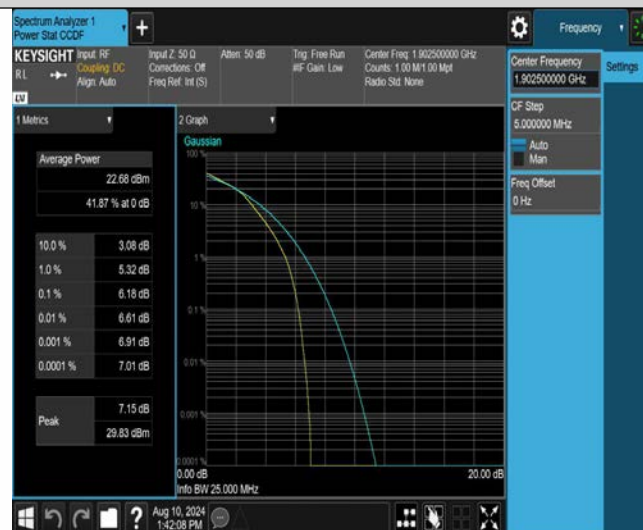
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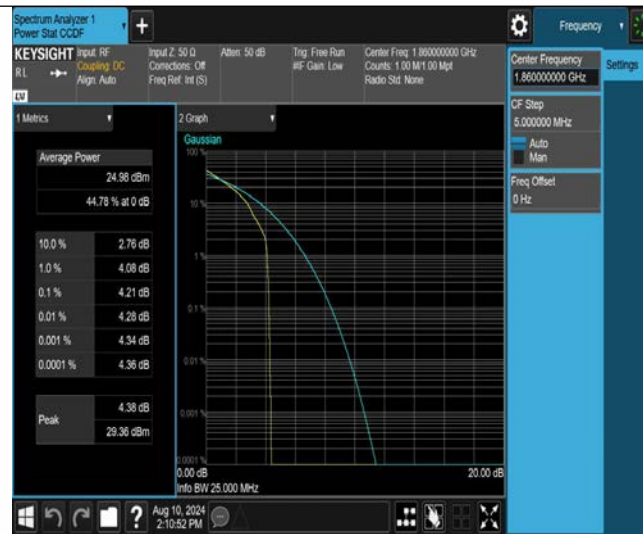
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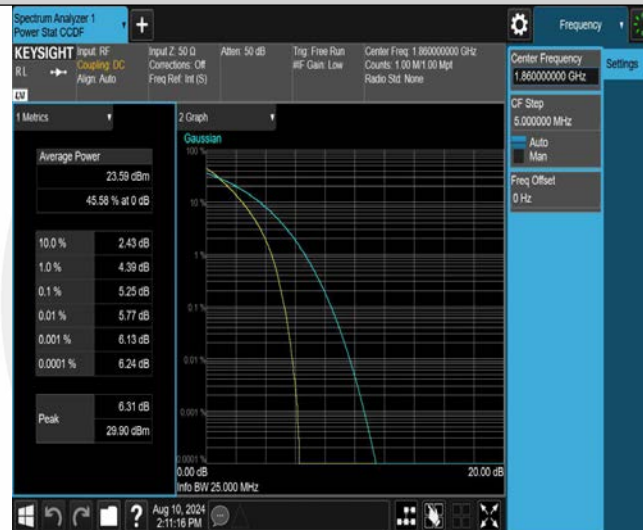
Band2-15MHz-16QAM-19125-75RB#0



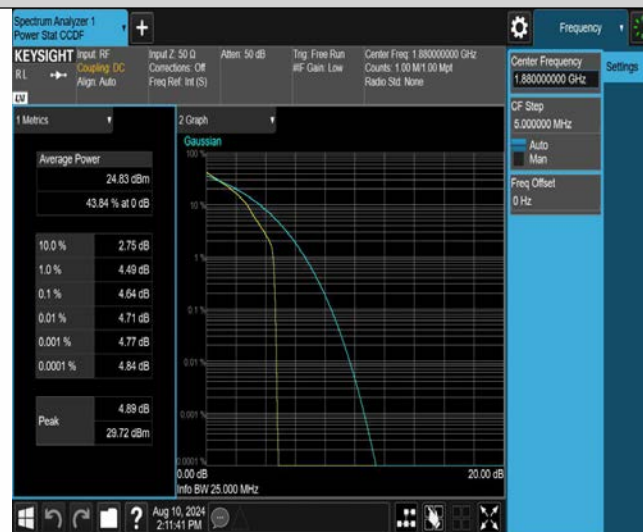
Band2-20MHz-QPSK-18700-1RB#0



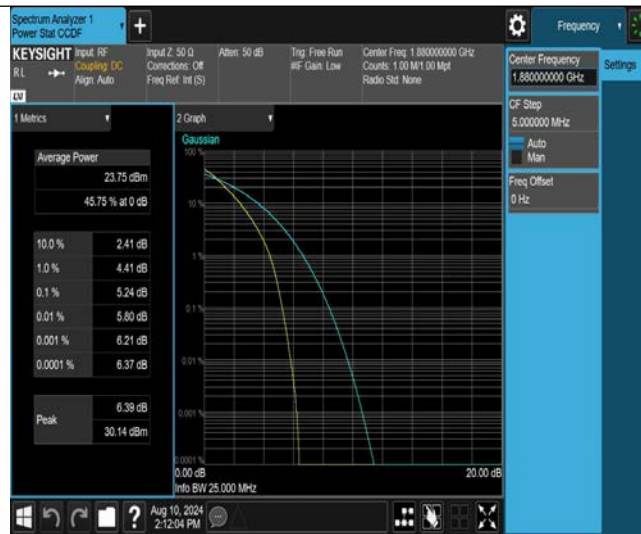
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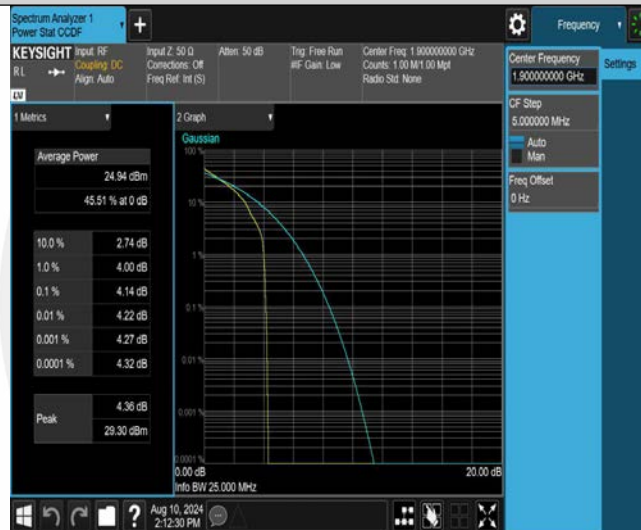
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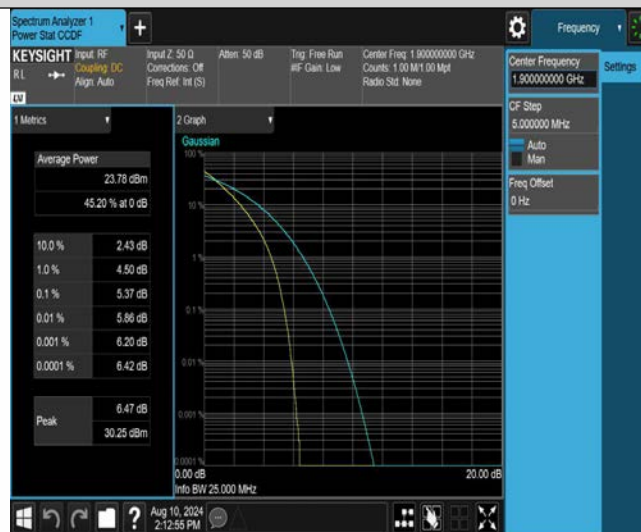
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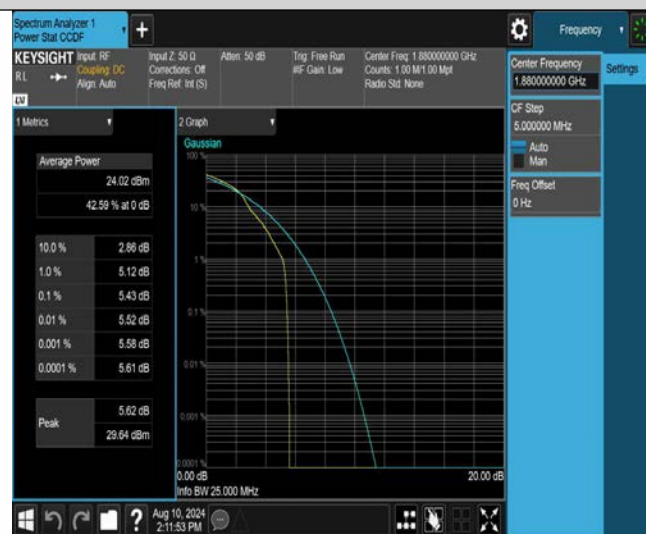
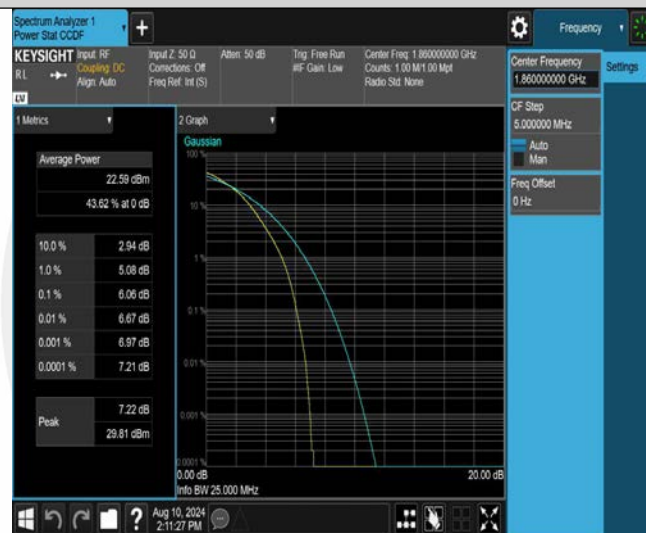
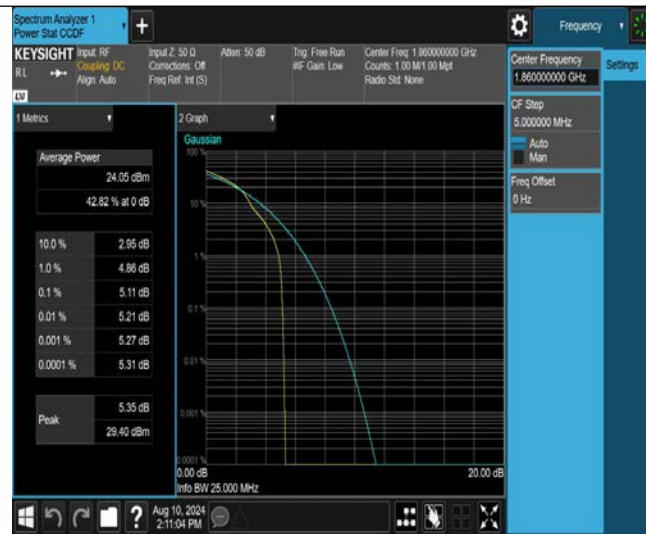
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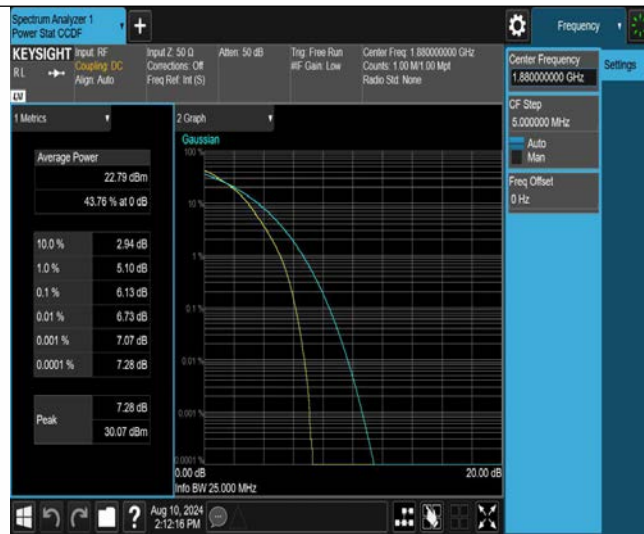


Band2-20MHz-QPSK-19100-100RB#0

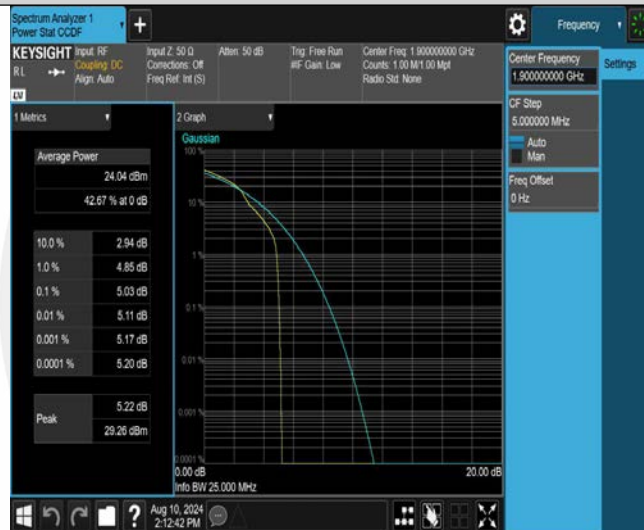


Band2-20MHz-16QAM-18700-1RB#0

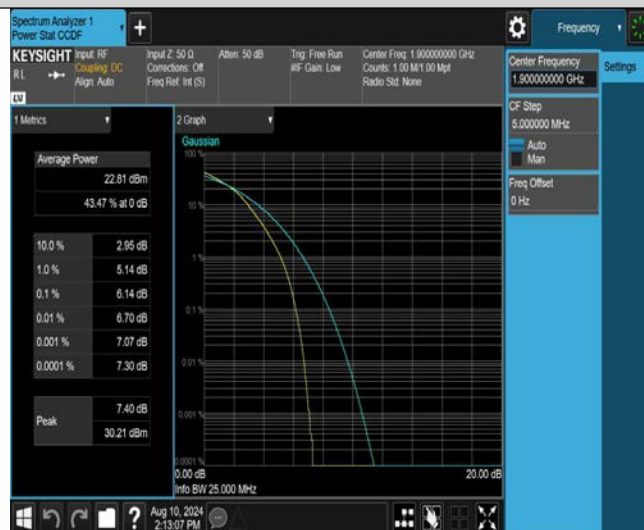




Band2-20MHz-16QAM-19100-1RB#0



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

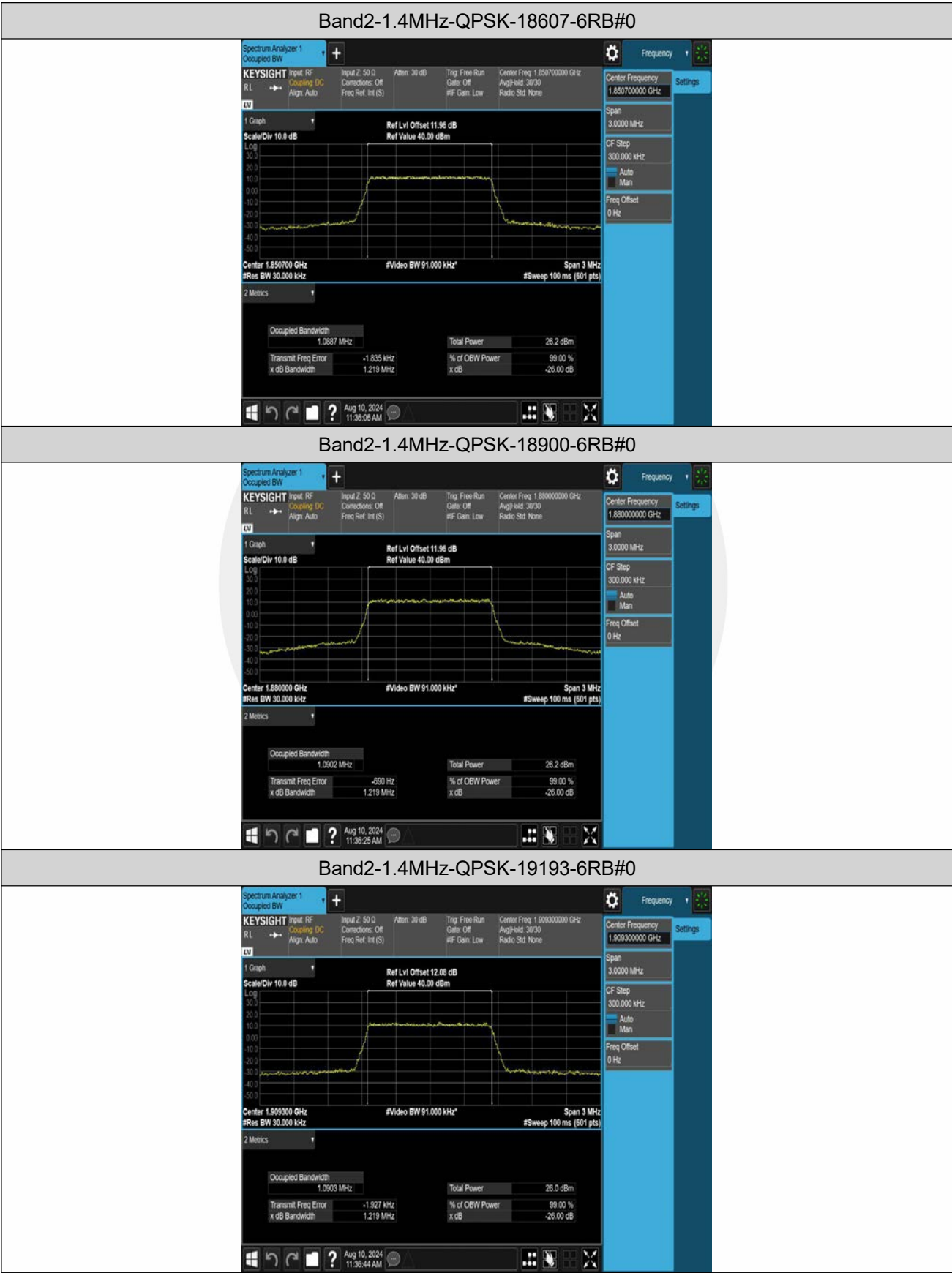
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0887	1.219	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0902	1.219	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0903	1.219	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0906	1.212	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0901	1.220	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0922	1.221	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6920	2.910	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6981	2.935	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6995	2.904	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6926	2.892	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6914	2.924	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6956	2.925	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5009	4.867	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4985	4.845	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4976	4.830	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5008	4.853	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5006	4.861	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5034	4.839	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9629	9.535	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9785	9.546	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9745	9.521	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9526	9.521	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9687	9.517	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9659	9.513	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.434	14.28	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.438	14.24	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.480	14.28	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.417	14.26	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.438	14.26	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.481	14.28	PASS

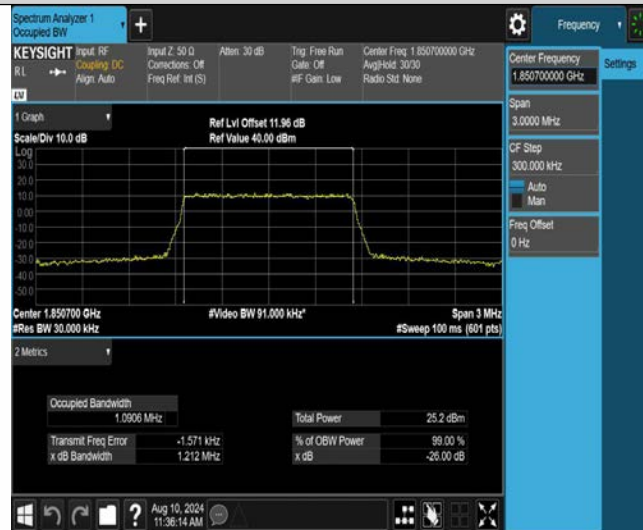
Band2	20MHz	QPSK	18700	100RB#0	17.889	18.94	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.897	18.93	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.988	18.98	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.903	18.93	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.899	18.94	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.972	19.03	PASS



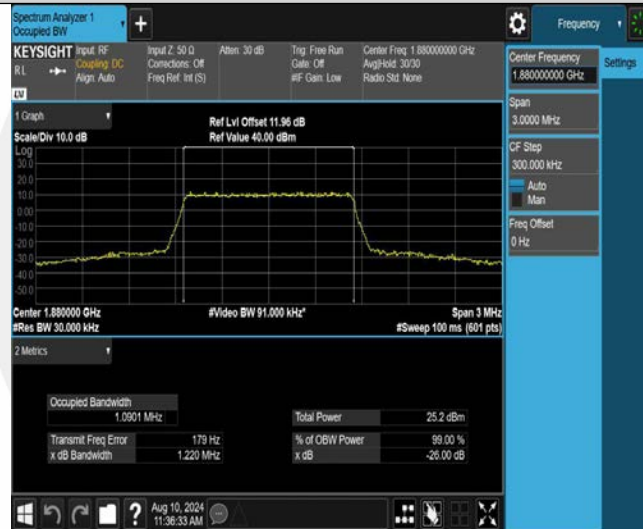
Test Graphs



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



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



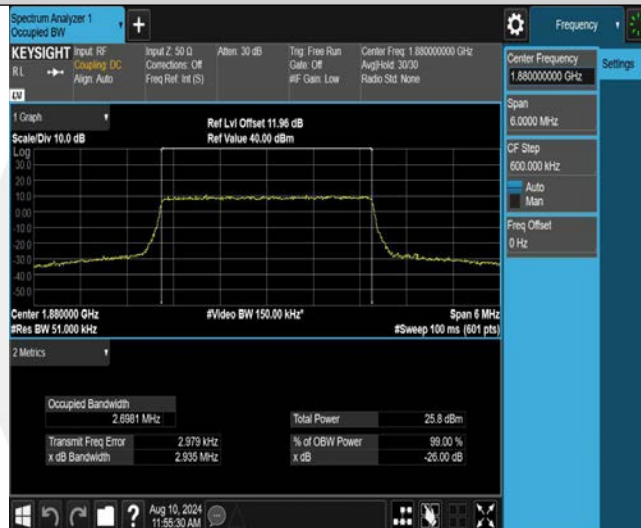
Band2-1.4MHz-16QAM-19193-6RB#0



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0



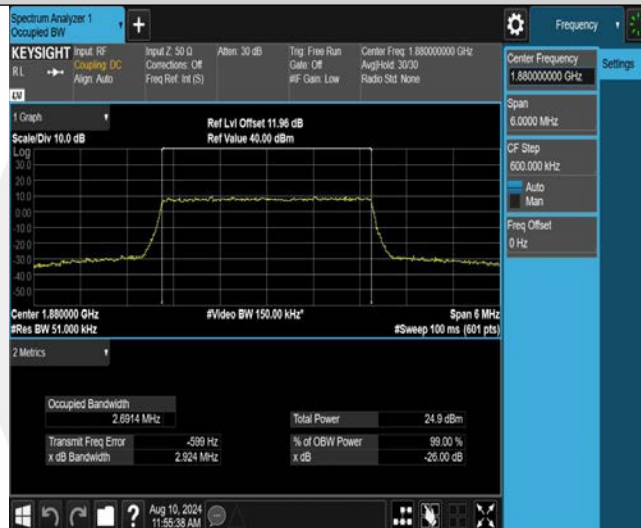
Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0



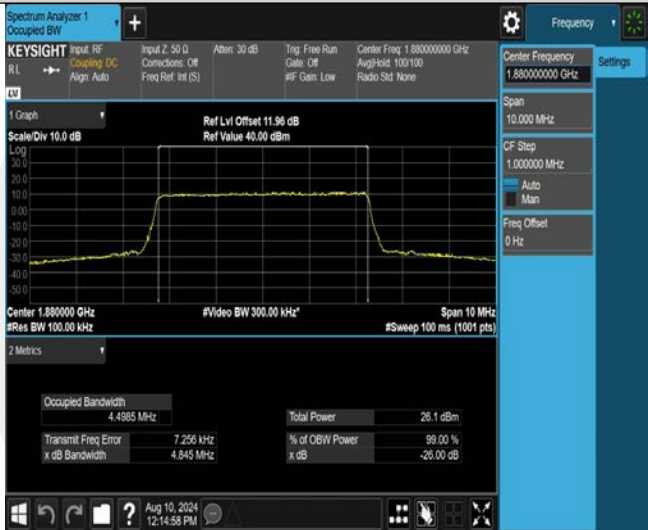
Band2-3MHz-16QAM-19185-15RB#0



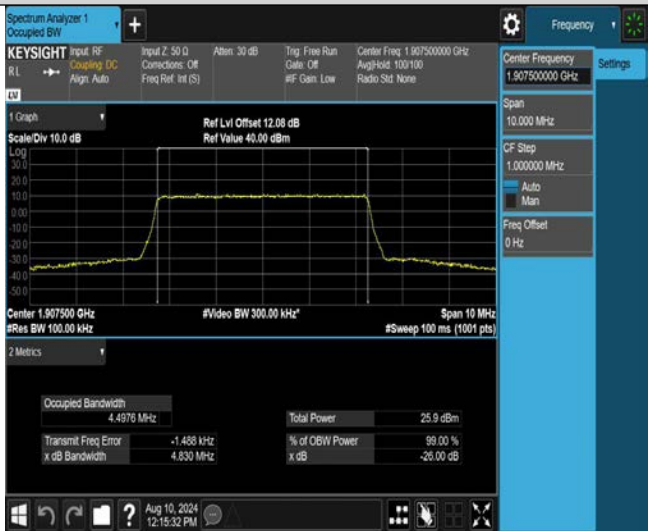
Band2-5MHz-QPSK-18625-25RB#0



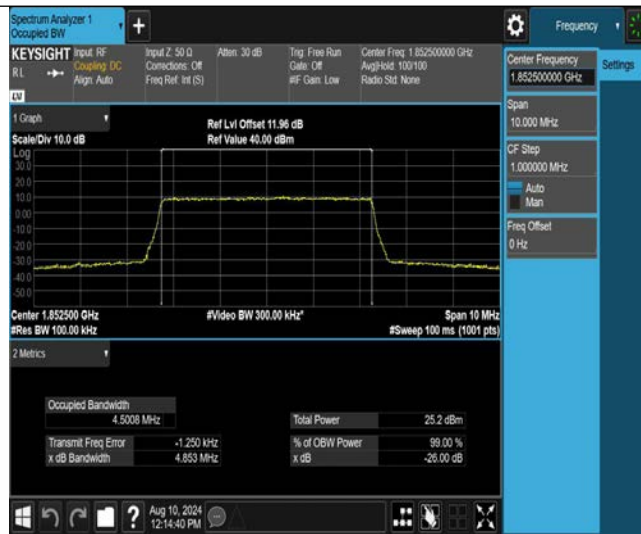
Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-18900-25RB#0



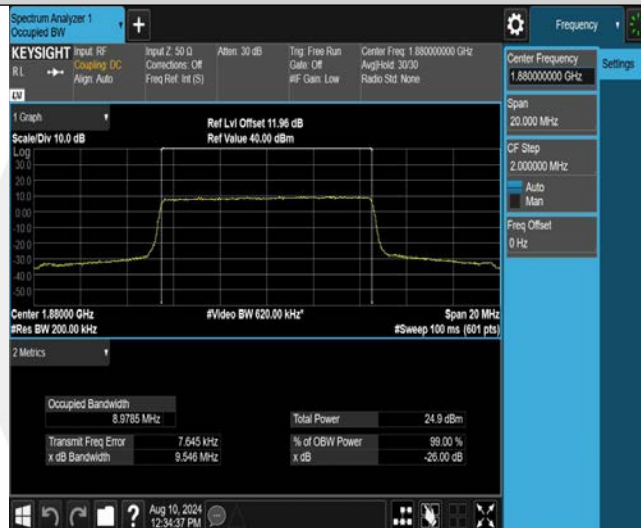
Band2-5MHz-16QAM-19175-25RB#0



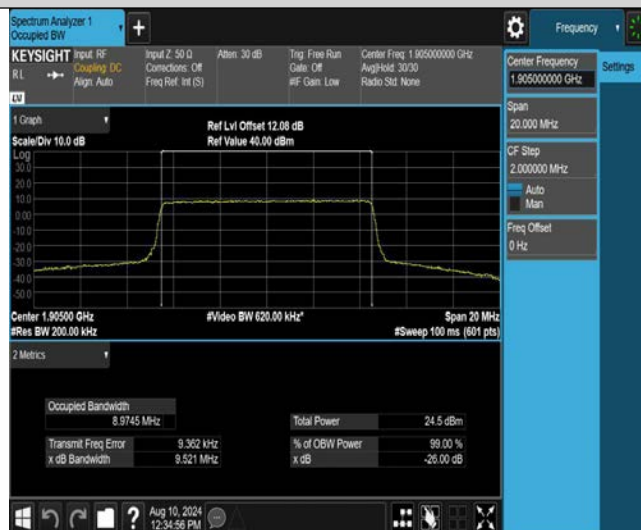
Band2-10MHz-QPSK-18650-50RB#0



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



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



Band2-10MHz-16QAM-18650-50RB#0







Band2-15MHz-16QAM-18900-75RB#0



Band2-15MHz-16QAM-19125-75RB#0

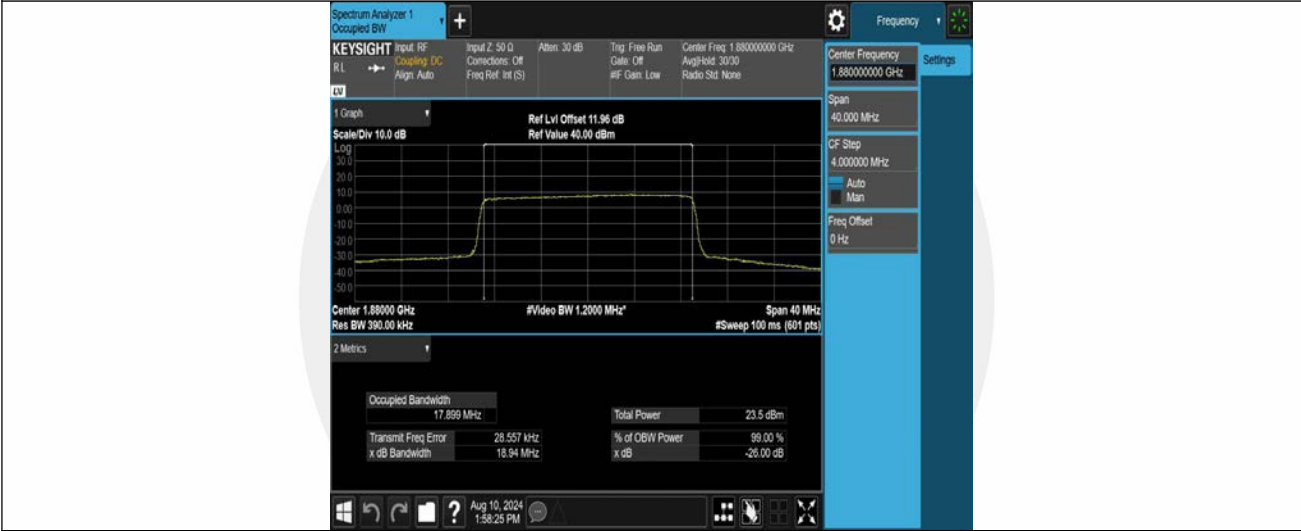


Band2-20MHz-QPSK-18700-100RB#0

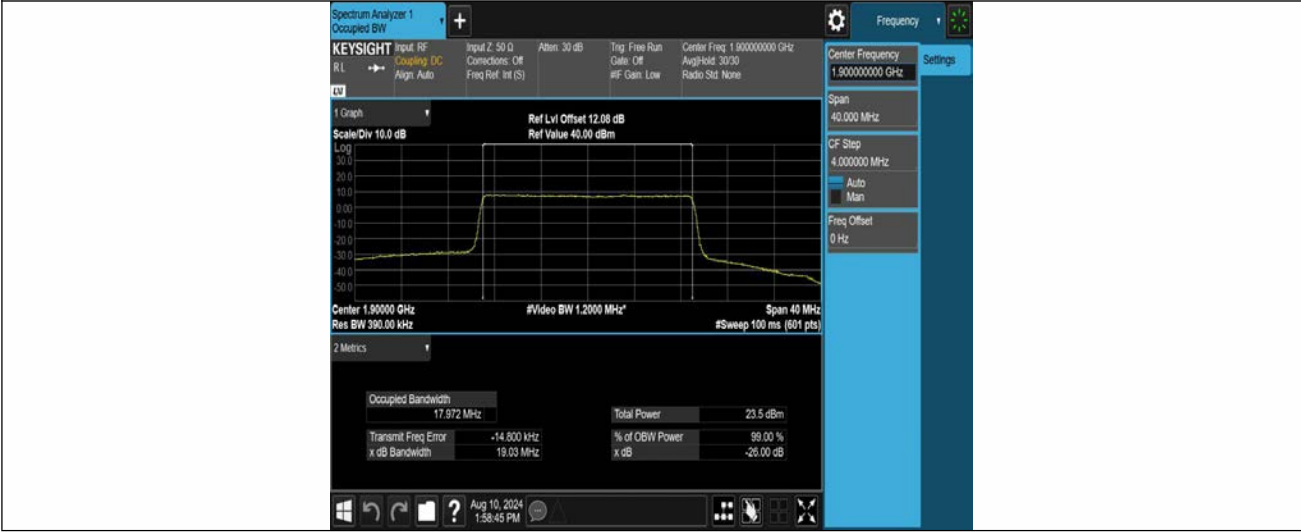




Band2-20MHz-16QAM-18900-100RB#0



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-22.39	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-37.93	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-29.83	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-39.69	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-19.54	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-31.62	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-23.87	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-39.42	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-31.59	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-41.09	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-22.57	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-32.85	PASS
Band2	3MHz	QPSK	18615	1RB#0	-14.79	PASS
Band2	3MHz	QPSK	18615	1RB#14	-46.71	PASS
Band2	3MHz	QPSK	18615	15RB#0	-23.15	PASS
Band2	3MHz	QPSK	19185	1RB#0	-47.53	PASS
Band2	3MHz	QPSK	19185	1RB#14	-13.50	PASS
Band2	3MHz	QPSK	19185	15RB#0	-24.26	PASS
Band2	3MHz	16QAM	18615	1RB#0	-15.91	PASS
Band2	3MHz	16QAM	18615	1RB#14	-47.60	PASS
Band2	3MHz	16QAM	18615	15RB#0	-24.87	PASS
Band2	3MHz	16QAM	19185	1RB#0	-48.65	PASS
Band2	3MHz	16QAM	19185	1RB#14	-16.67	PASS
Band2	3MHz	16QAM	19185	15RB#0	-25.11	PASS
Band2	5MHz	QPSK	18625	1RB#0	-15.93	PASS
Band2	5MHz	QPSK	18625	1RB#24	-50.37	PASS
Band2	5MHz	QPSK	18625	25RB#0	-25.82	PASS
Band2	5MHz	QPSK	19175	1RB#0	-50.02	PASS
Band2	5MHz	QPSK	19175	1RB#24	-15.54	PASS
Band2	5MHz	QPSK	19175	25RB#0	-26.16	PASS
Band2	5MHz	16QAM	18625	1RB#0	-16.58	PASS
Band2	5MHz	16QAM	18625	1RB#24	-51.87	PASS

Band2	5MHz	16QAM	18625	25RB#0	-27.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	-50.80	PASS
Band2	5MHz	16QAM	19175	1RB#24	-17.39	PASS
Band2	5MHz	16QAM	19175	25RB#0	-26.62	PASS
Band2	10MHz	QPSK	18650	1RB#0	-23.93	PASS
Band2	10MHz	QPSK	18650	1RB#49	-49.82	PASS
Band2	10MHz	QPSK	18650	50RB#0	-28.88	PASS
Band2	10MHz	QPSK	19150	1RB#0	-51.93	PASS
Band2	10MHz	QPSK	19150	1RB#49	-23.21	PASS
Band2	10MHz	QPSK	19150	50RB#0	-28.77	PASS
Band2	10MHz	16QAM	18650	1RB#0	-24.83	PASS
Band2	10MHz	16QAM	18650	1RB#49	-49.76	PASS
Band2	10MHz	16QAM	18650	50RB#0	-30.59	PASS
Band2	10MHz	16QAM	19150	1RB#0	-51.97	PASS
Band2	10MHz	16QAM	19150	1RB#49	-24.74	PASS
Band2	10MHz	16QAM	19150	50RB#0	-29.74	PASS
Band2	15MHz	QPSK	18675	1RB#0	-22.89	PASS
Band2	15MHz	QPSK	18675	1RB#74	-48.63	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.48	PASS
Band2	15MHz	QPSK	19125	1RB#0	-49.16	PASS
Band2	15MHz	QPSK	19125	1RB#74	-23.05	PASS
Band2	15MHz	QPSK	19125	75RB#0	-29.03	PASS
Band2	15MHz	16QAM	18675	1RB#0	-23.64	PASS
Band2	15MHz	16QAM	18675	1RB#74	-49.67	PASS
Band2	15MHz	16QAM	18675	75RB#0	-30.89	PASS
Band2	15MHz	16QAM	19125	1RB#0	-50.07	PASS
Band2	15MHz	16QAM	19125	1RB#74	-23.72	PASS
Band2	15MHz	16QAM	19125	75RB#0	-30.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	-24.25	PASS
Band2	20MHz	QPSK	18700	1RB#99	-51.42	PASS
Band2	20MHz	QPSK	18700	100RB#0	-29.47	PASS
Band2	20MHz	QPSK	19100	1RB#0	-52.76	PASS
Band2	20MHz	QPSK	19100	1RB#99	-24.64	PASS
Band2	20MHz	QPSK	19100	100RB#0	-29.96	PASS
Band2	20MHz	16QAM	18700	1RB#0	-25.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	-50.82	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.72	PASS

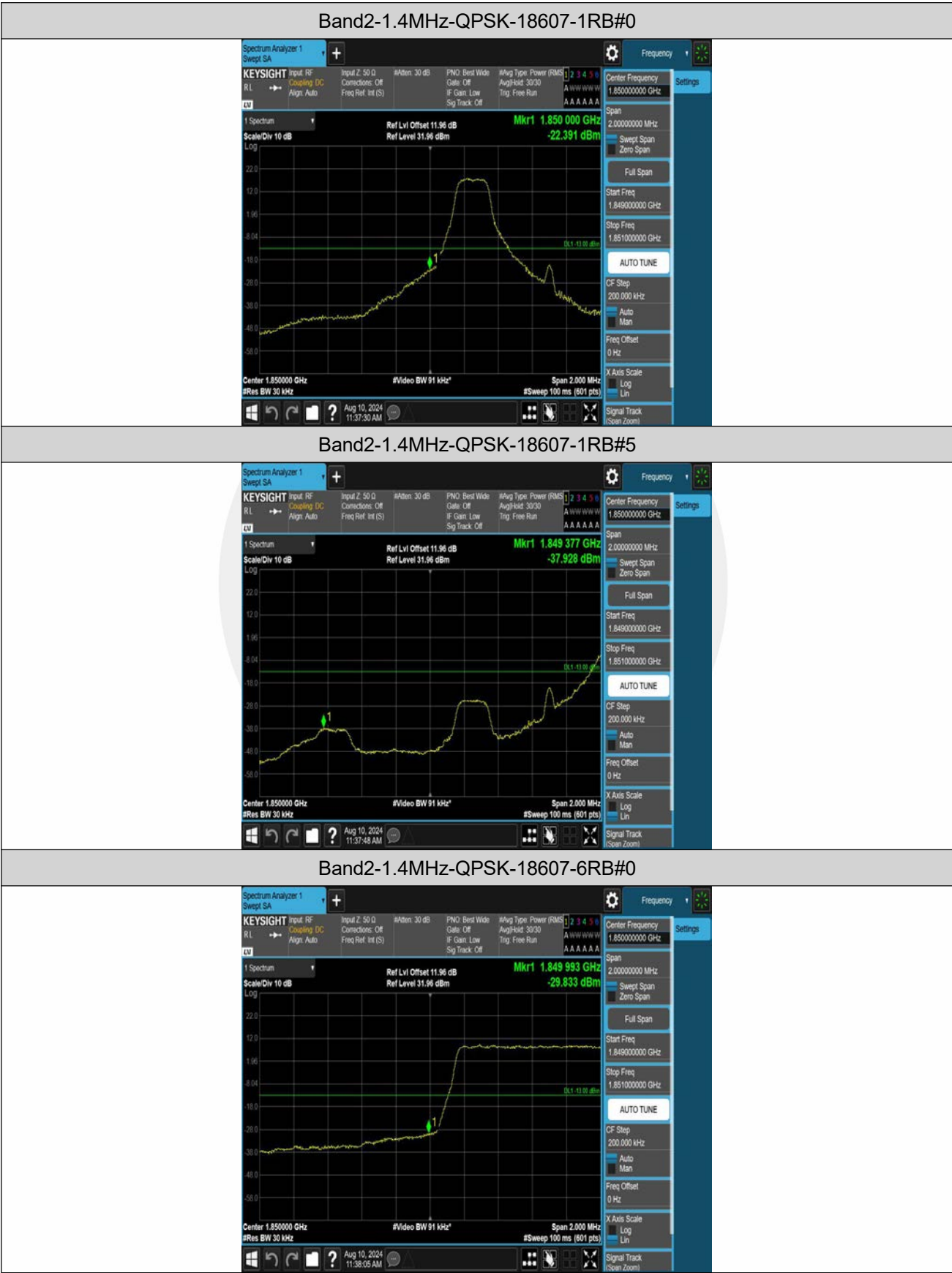
Band2	20MHz	16QAM	19100	1RB#0	-52.95	PASS
Band2	20MHz	16QAM	19100	1RB#99	-24.94	PASS
Band2	20MHz	16QAM	19100	100RB#0	-31.62	PASS



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Test Graphs



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



Band2-1.4MHz-QPSK-19193-1RB#5



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



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



Band2-1.4MHz-16QAM-18607-1RB#5



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



Band2-1.4MHz-16QAM-19193-1RB#0



Band2-1.4MHz-16QAM-19193-1RB#5



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



Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-1RB#14



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-19185-1RB#0



Band2-3MHz-QPSK-19185-1RB#14



Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-1RB#0



Band2-3MHz-16QAM-18615-1RB#14



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-19185-1RB#0



Band2-3MHz-16QAM-19185-1RB#14



Band2-3MHz-16QAM-19185-15RB#0



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



Band2-5MHz-QPSK-18625-1RB#24



Band2-5MHz-QPSK-18625-25RB#0



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



Band2-5MHz-QPSK-19175-1RB#24



Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#0



Band2-5MHz-16QAM-18625-1RB#24



Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-19175-1RB#0



Band2-5MHz-16QAM-19175-1RB#24



Band2-5MHz-16QAM-19175-25RB#0



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

