

Test Data for E-UTRA Band 2

EUT: <u>iMat @Weigh -30 Smart office Vending machine</u>	Test Model: <u>W80-30</u>
Ambient Condition: <u>25 °C, 45 %RH, 101.325 kPa</u>	
Test Engineer: <u>Jack Zhou</u>	

Contents

Appendix A: Effective (Isotropic) Radiated Power Output Data	3
Test Result.....	3
Appendix B: Peak-to-Average Ratio(CCDF)	10
Test Result.....	10
Test Graphs.....	12
Appendix C: 26dB Bandwidth and Occupied Bandwidth	37
Test Result.....	37
Test Graphs.....	39
Appendix D: Band Edge	52
Test Result.....	52
Test Graphs.....	53
Appendix E: Conducted Spurious Emission	78
Test Result.....	78
Test Graphs.....	81
Appendix F: Frequency Stability	106
Test Result.....	106
Appendix G: Modulation Characteristics	114
Test Result.....	114
Test Graphs.....	115

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.70	26.51	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.70	26.51	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.62	26.43	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.54	26.35	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.52	26.33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.46	26.27	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.50	25.31	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.17	25.98	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.26	26.07	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.26	26.07	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.37	26.18	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.35	26.16	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.41	26.22	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.42	25.23	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.41	26.22	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.37	26.18	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.39	26.20	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.51	26.32	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.48	26.29	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.46	26.27	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.40	25.21	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.93	25.74	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.06	25.87	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.64	25.45	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.30	25.11	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.36	25.17	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.42	25.23	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.62	24.43	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.33	25.14	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.33	25.14	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.45	25.26	PASS

Band2	1.4MHz	16QAM	18900	3RB#0	22.19	25.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.37	25.18	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.41	25.22	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.46	24.27	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.57	25.38	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.63	25.44	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.32	25.13	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.33	25.14	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.31	25.12	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.38	25.19	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.44	24.25	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.63	26.44	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.74	26.55	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.76	26.57	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.58	25.39	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.65	25.46	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.57	25.38	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.62	25.43	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.29	26.10	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.33	26.14	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.40	26.21	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.34	25.15	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.34	25.15	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.39	25.20	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.43	25.24	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.06	25.87	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.12	25.93	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.96	25.77	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.68	25.49	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.49	25.30	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.50	25.31	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.56	25.37	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.59	25.40	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.51	25.32	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.44	25.25	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.83	24.64	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.79	24.60	PASS

Band2	3MHz	16QAM	18615	8RB#7	21.78	24.59	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.79	24.60	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.37	25.18	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.49	25.30	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.49	25.30	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.56	24.37	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.26	24.07	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.61	24.42	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.43	24.24	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.95	24.76	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.09	24.90	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.95	24.76	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.51	24.32	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.51	24.32	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.71	24.52	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.49	24.30	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.87	26.68	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.83	26.64	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.79	26.60	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.66	25.47	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.68	25.49	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.69	25.50	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.68	25.49	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.36	26.17	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.76	26.57	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.55	26.36	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.38	25.19	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.38	25.19	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.49	25.30	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.37	25.18	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.89	25.70	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.02	25.83	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.81	25.62	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.72	25.53	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.51	25.32	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.48	25.29	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.46	25.27	PASS

Band2	5MHz	16QAM	18625	1RB#0	22.37	25.18	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.43	25.24	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.75	25.56	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.75	24.56	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.76	24.57	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.67	24.48	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.78	24.59	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.52	25.33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.26	25.07	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.34	25.15	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.63	24.44	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.54	24.35	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.55	24.36	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.63	24.44	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.84	24.65	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.06	24.87	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.88	24.69	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.66	24.47	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.65	24.46	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.64	24.45	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.70	24.51	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.30	26.11	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.70	26.51	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.43	25.24	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.70	25.51	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.72	25.53	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.63	25.44	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.68	25.49	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.18	24.99	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.63	26.44	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.22	26.03	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.49	25.30	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.48	25.29	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.53	25.34	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.43	25.24	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.06	24.87	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.88	25.69	PASS

Band2	10MHz	QPSK	19150	1RB#49	22.08	24.89	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.45	25.26	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.42	25.23	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.50	25.31	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.46	25.27	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.51	25.32	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.96	25.77	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.66	24.47	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.78	24.59	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.79	24.60	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.60	24.41	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.77	24.58	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.38	24.19	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.90	25.71	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.49	25.30	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.70	24.51	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.60	24.41	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.67	24.48	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.64	24.45	PASS
Band2	10MHz	16QAM	19150	1RB#0	20.99	23.80	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.84	24.65	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.11	23.92	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.57	24.38	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.55	24.36	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.65	24.46	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.56	24.37	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.25	26.06	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.39	26.20	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.95	24.76	PASS
Band2	15MHz	QPSK	18675	38RB#0	23.09	25.90	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.64	25.45	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.63	25.44	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.62	25.43	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.69	24.50	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.54	26.35	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.13	25.94	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.43	25.24	PASS

Band2	15MHz	QPSK	18900	38RB#18	22.48	25.29	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.48	25.29	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.47	25.28	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.35	25.16	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.82	25.63	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.05	24.86	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.49	25.30	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.43	25.24	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.42	25.23	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.41	25.22	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.45	25.26	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.64	25.45	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.21	24.02	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.64	25.45	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.63	25.44	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.62	25.43	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.60	24.41	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.99	23.80	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.92	25.73	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.54	25.35	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.41	25.22	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.48	25.29	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.47	25.28	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.59	24.40	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.32	24.13	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.76	24.57	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.05	23.86	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.44	25.25	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.45	25.26	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.44	25.25	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.54	24.35	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.99	25.80	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.17	25.98	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.54	24.35	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.13	25.94	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.65	25.46	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.28	25.09	PASS

Band2	20MHz	QPSK	18700	100RB#0	22.72	25.53	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.47	24.28	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.58	26.39	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.81	25.62	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.47	25.28	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.44	25.25	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.80	25.61	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.52	25.33	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.49	25.30	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.63	25.44	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.71	24.52	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.71	25.52	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.57	25.38	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.28	25.09	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.48	25.29	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.06	24.87	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.23	25.04	PASS
Band2	20MHz	16QAM	18700	1RB#99	20.62	23.43	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.83	24.64	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.73	24.54	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.37	24.18	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.79	24.60	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.67	23.48	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.84	25.65	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.12	24.93	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.57	24.38	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.56	24.37	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.54	24.35	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.79	24.60	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.64	24.45	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.78	24.59	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.91	23.72	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.84	24.65	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.71	24.52	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.43	24.24	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.63	24.44	PASS

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

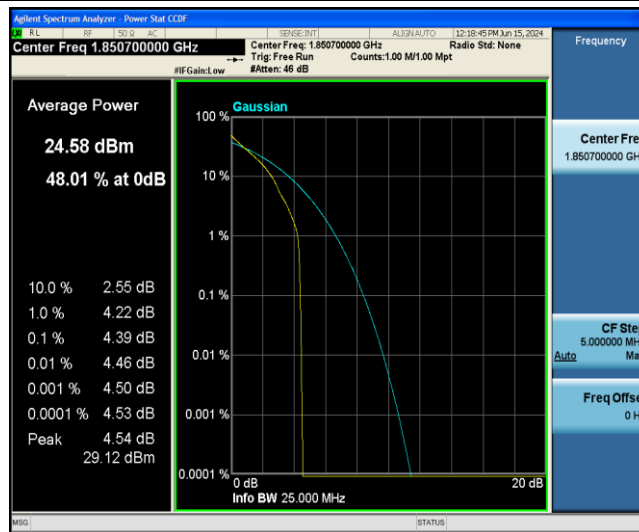
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.39	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.02	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.68	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.26	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.73	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.13	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.30	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.82	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.58	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.05	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.57	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.95	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.38	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.17	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.69	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.30	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	5.12	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.14	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.31	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.99	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.53	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.17	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.48	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.01	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.41	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.19	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.67	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.31	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	5.07	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.22	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.27	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.98	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.94	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.08	13	PASS
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Band2	5MHz	16QAM	19175	25RB#0	5.99	13	PASS

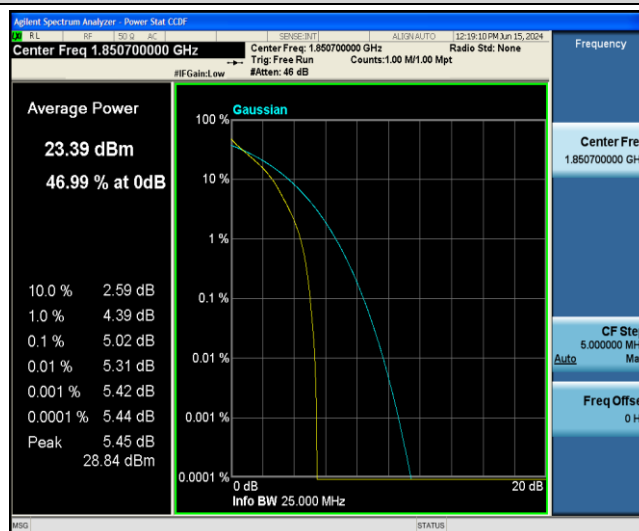
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Band2	10MHz	QPSK	18900	50RB#0	5.22	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	5.15	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.20	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.27	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.04	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.58	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.02	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.94	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.03	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	5.50	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.38	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	5.86	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.30	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	5.29	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.81	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.49	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.10	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.53	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.03	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.42	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.11	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.95	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.20	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	5.57	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.06	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.69	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.20	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.88	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.04	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	6.29	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.96	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.43	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.04	13	PASS

Test Graphs

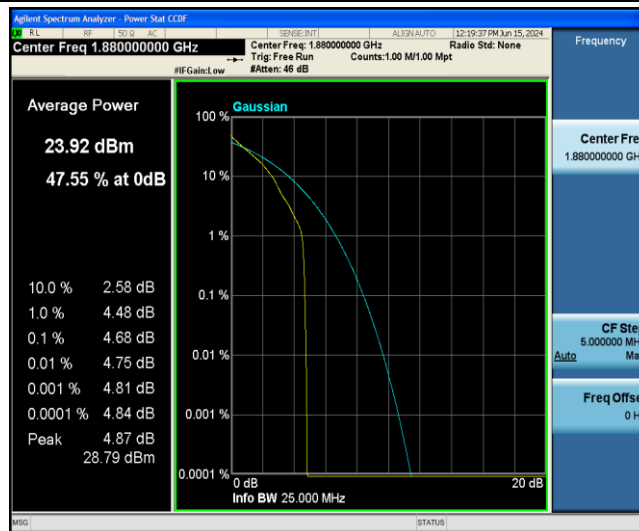
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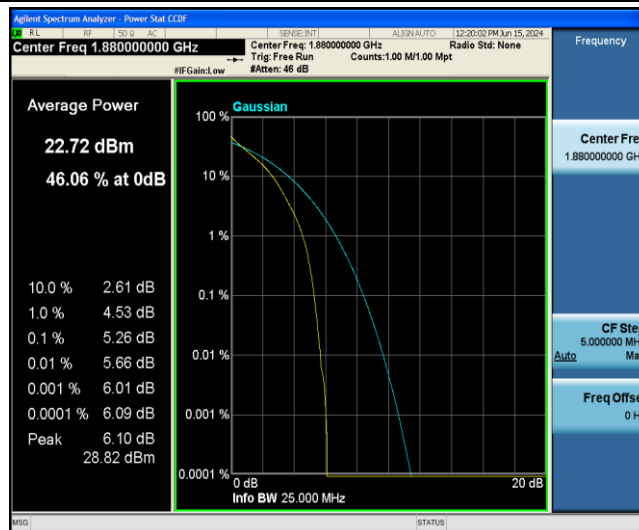
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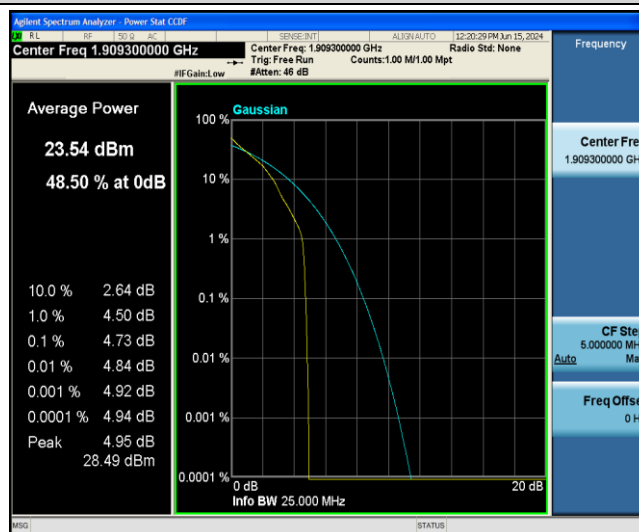
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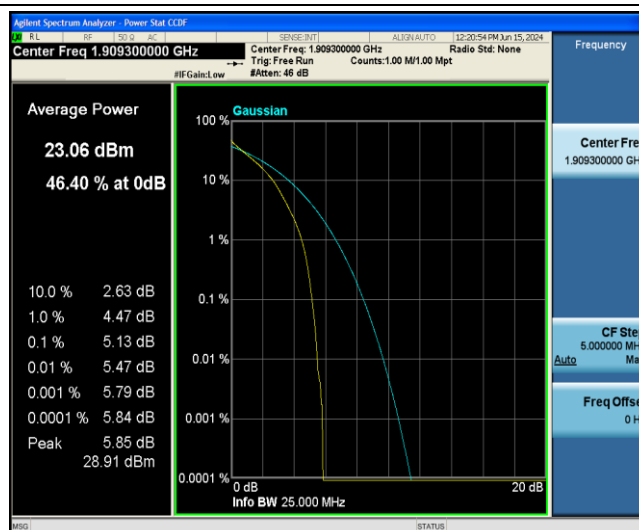
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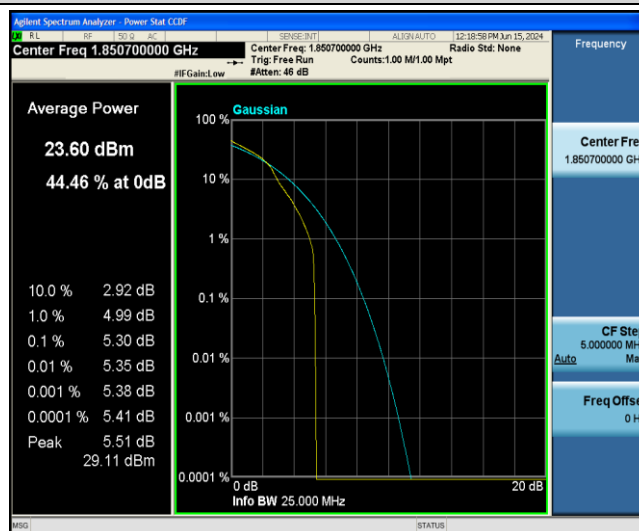
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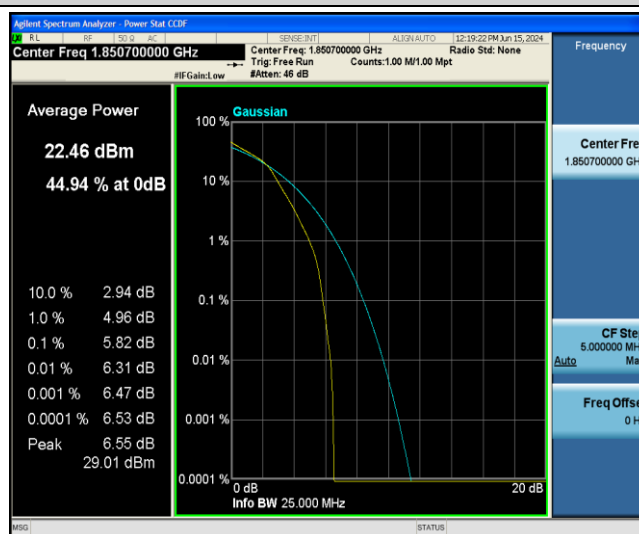
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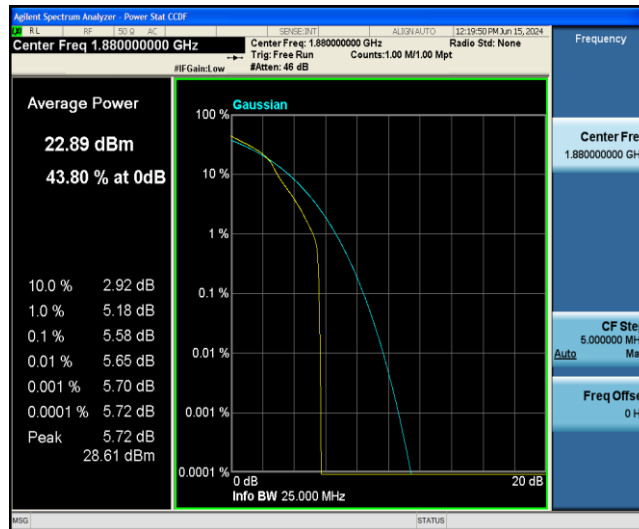
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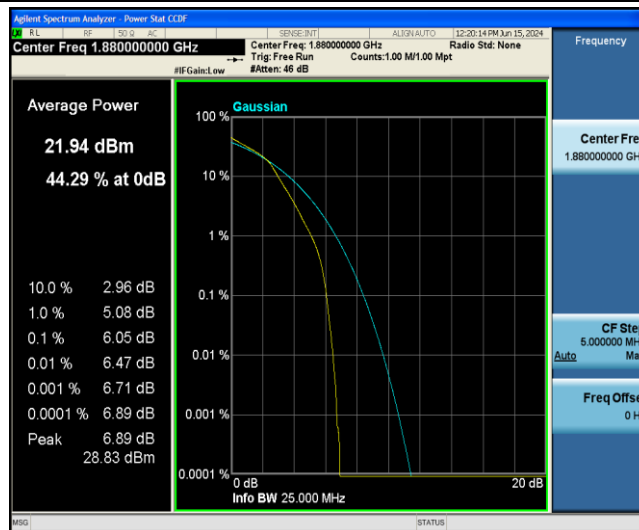
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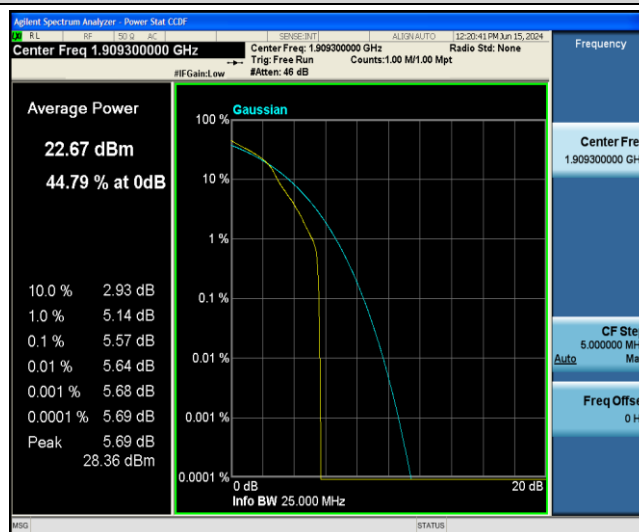
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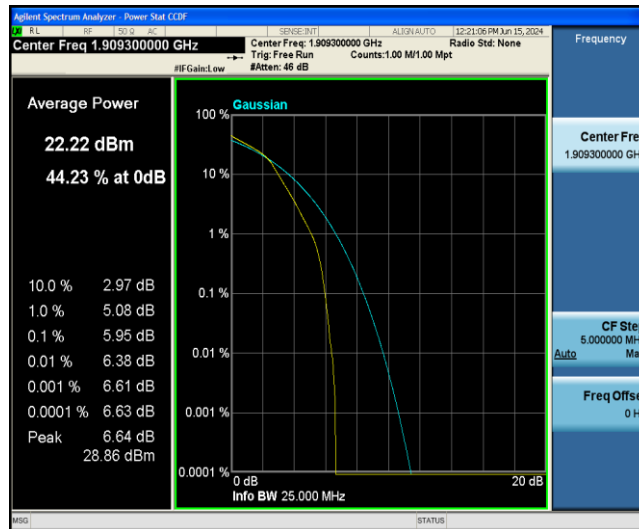
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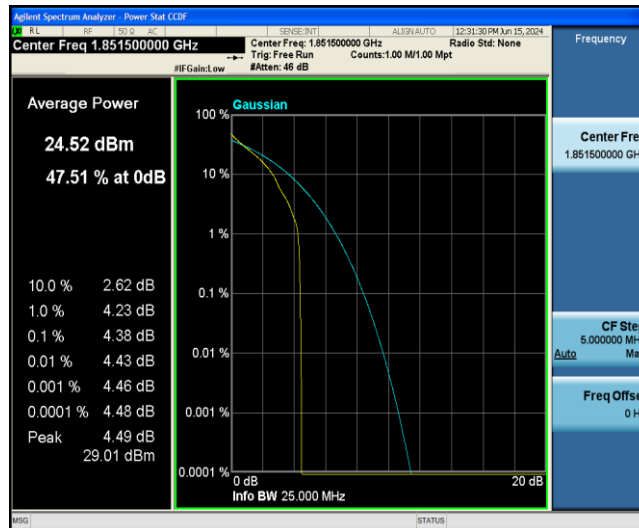
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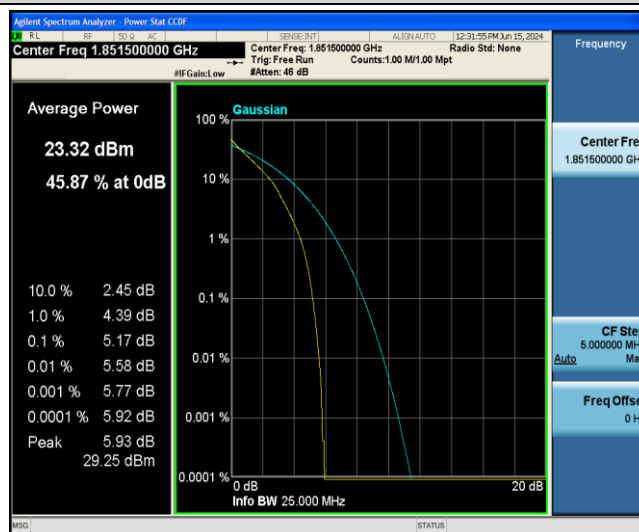
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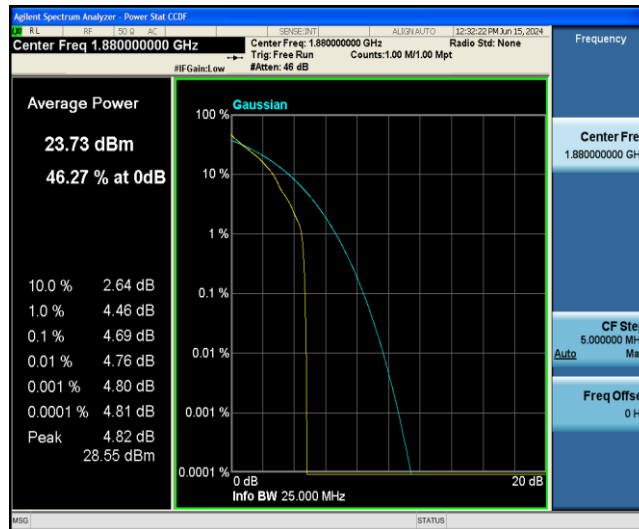
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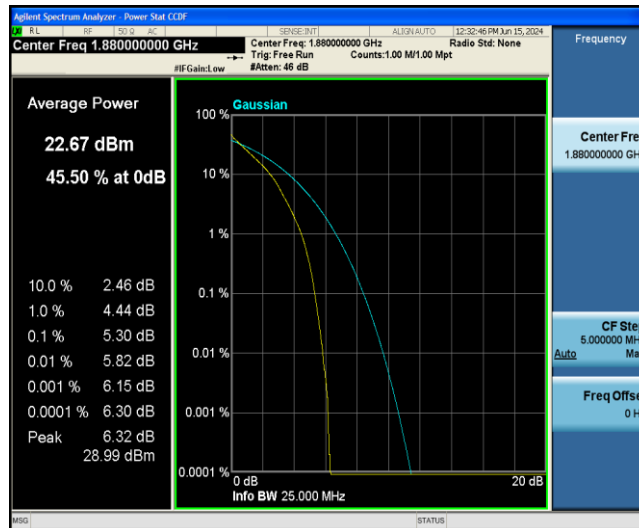
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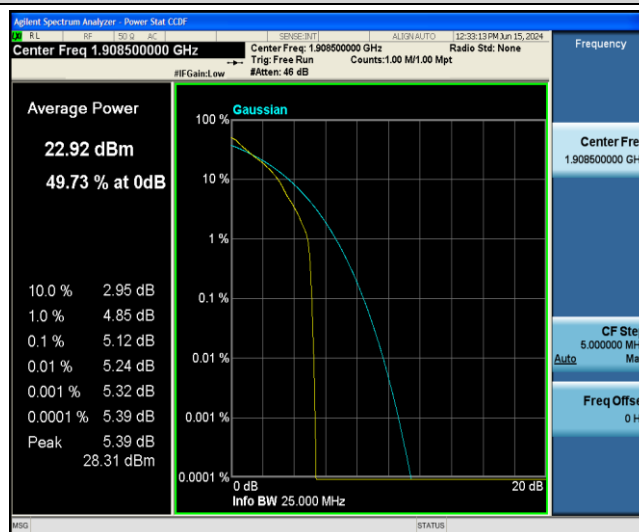
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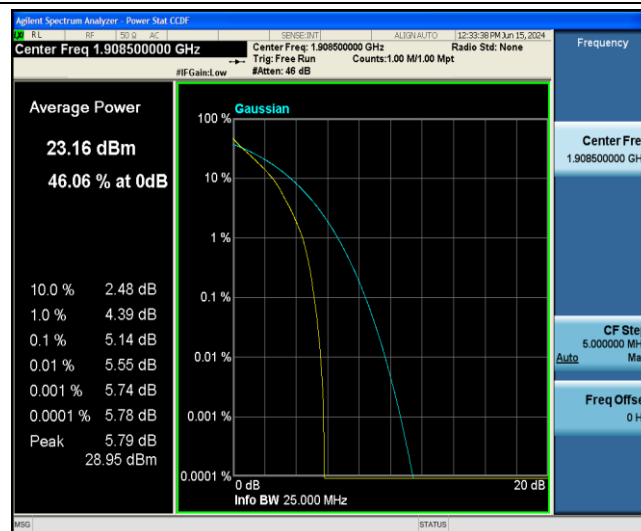
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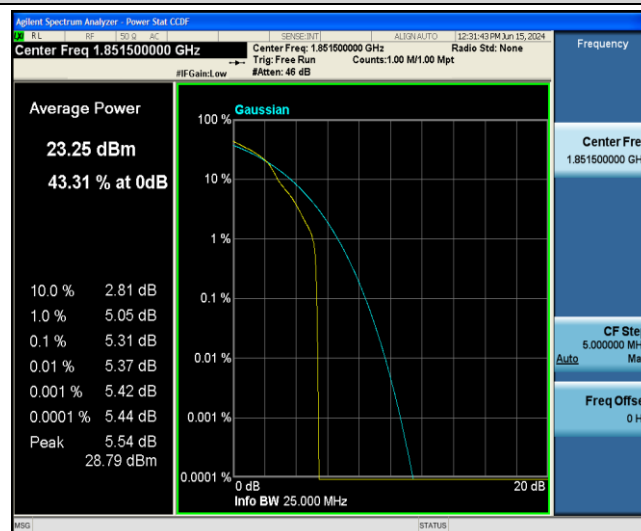
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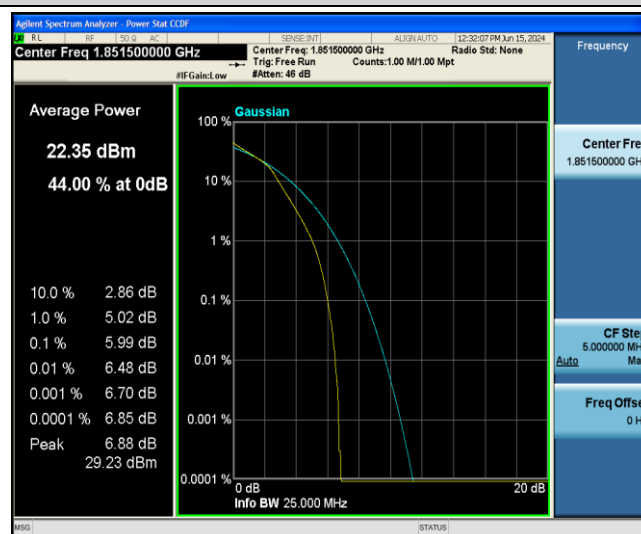
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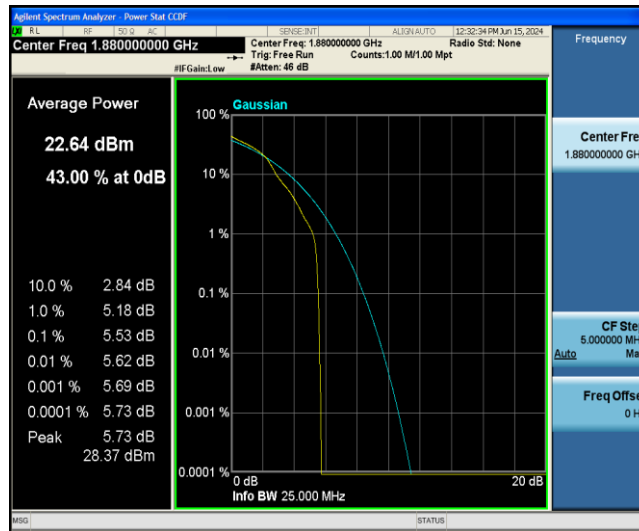
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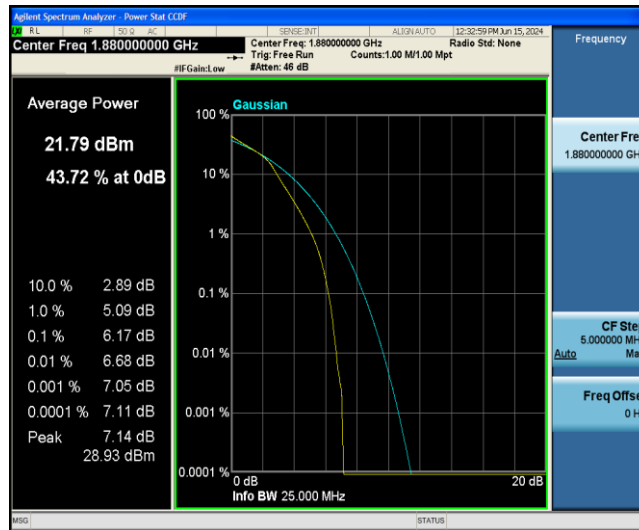
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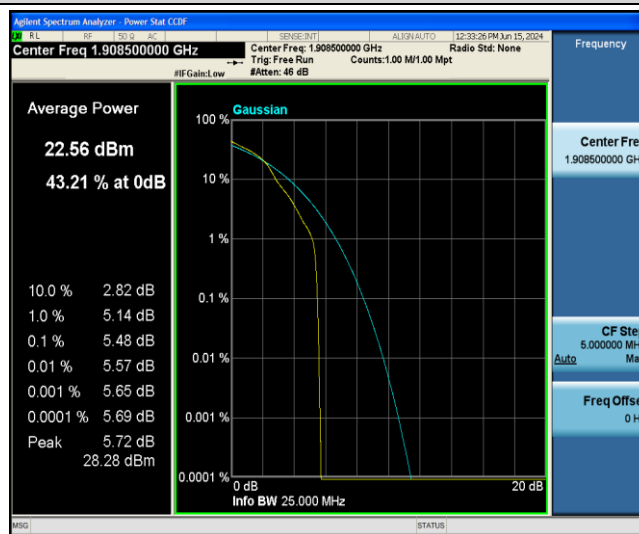
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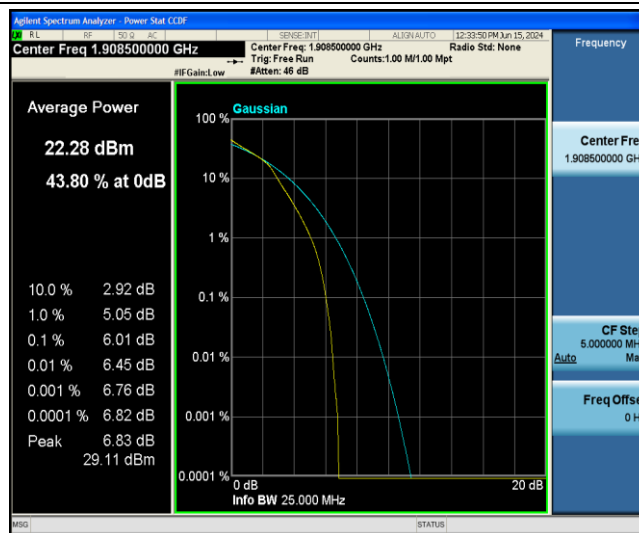
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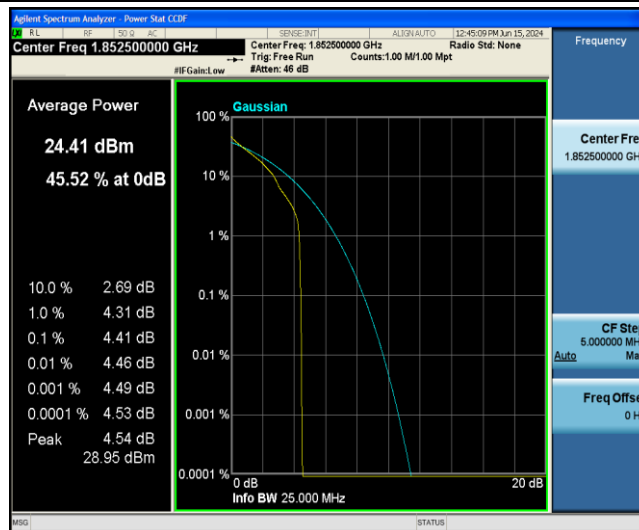
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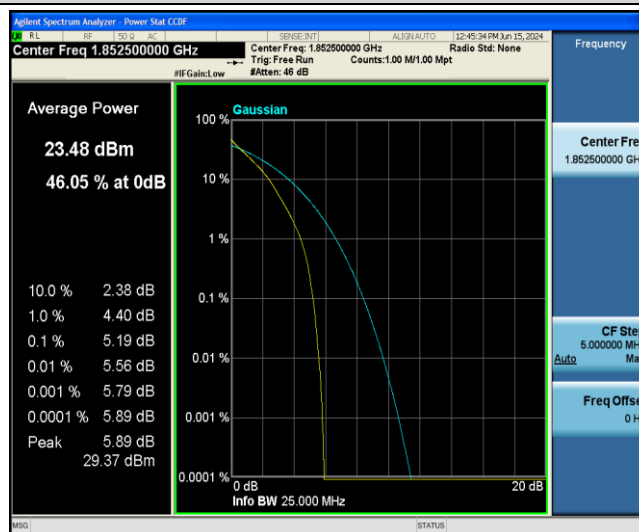
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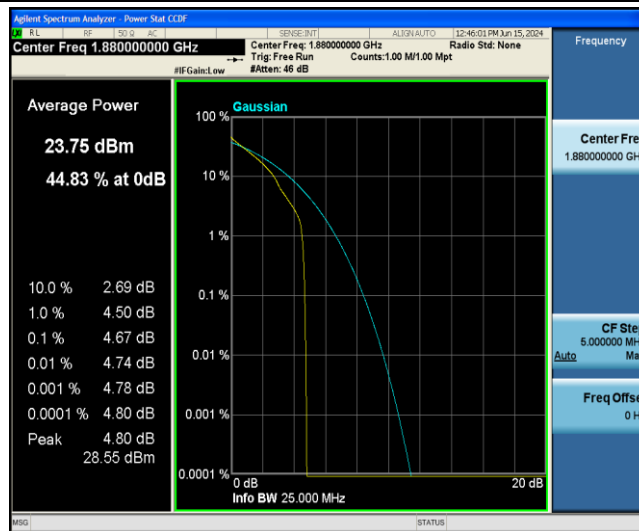
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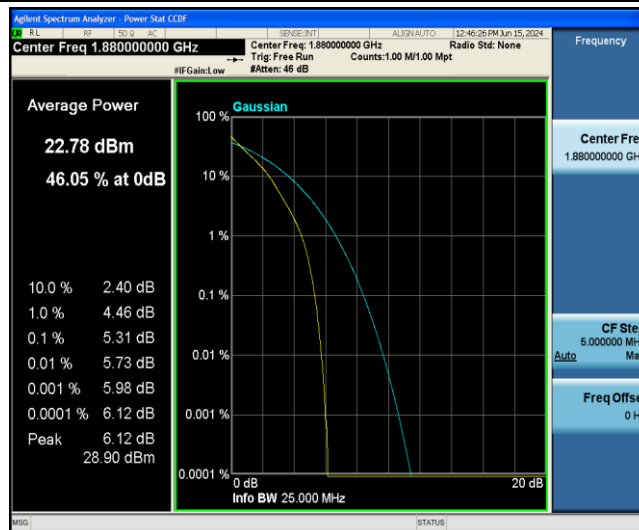
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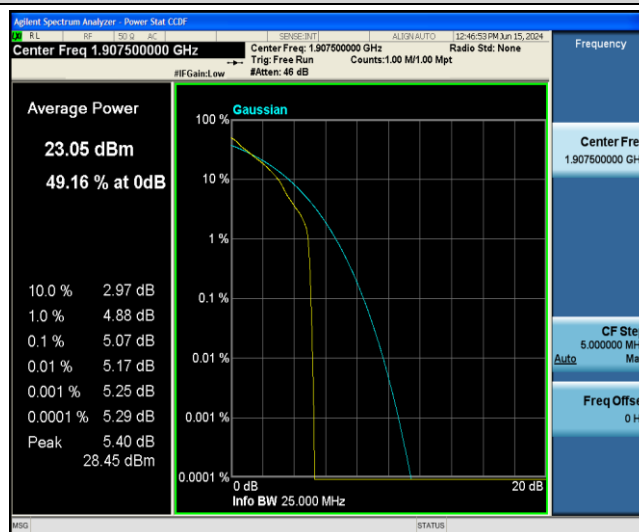
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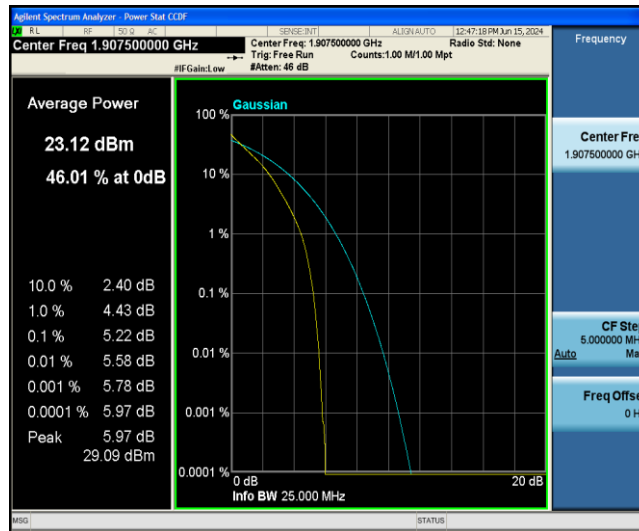
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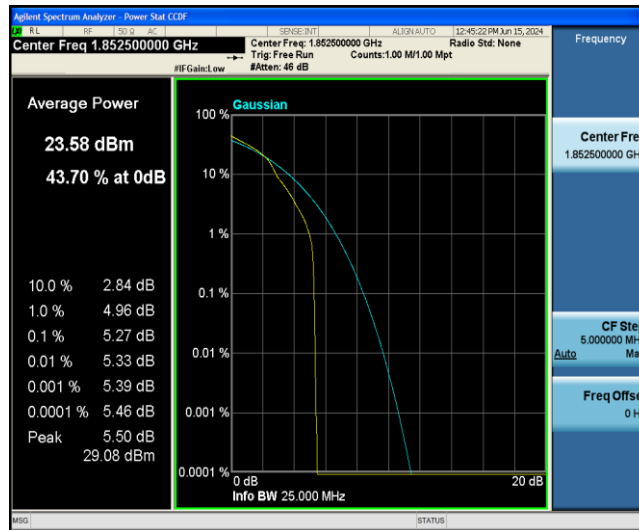
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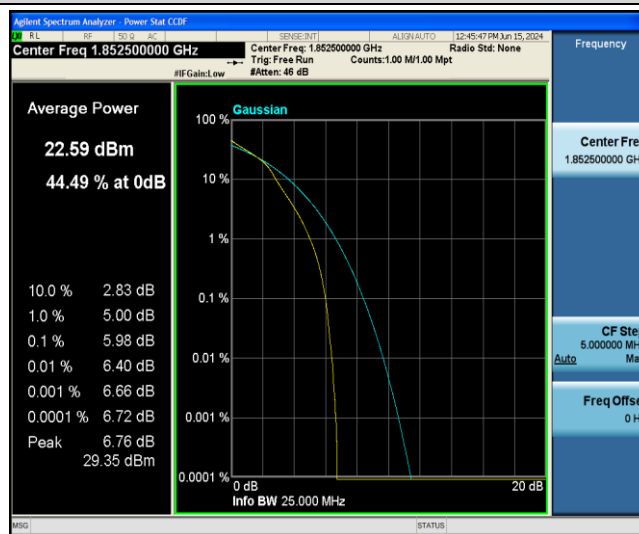
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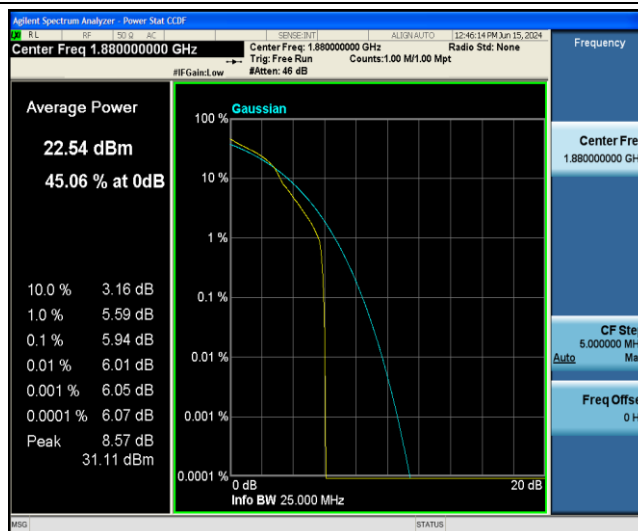
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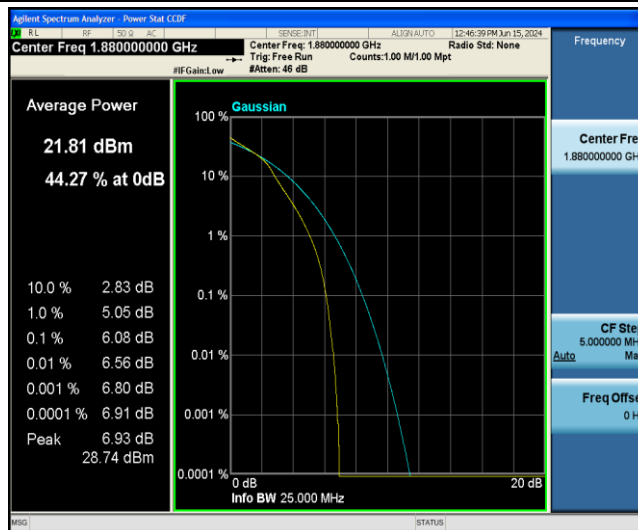
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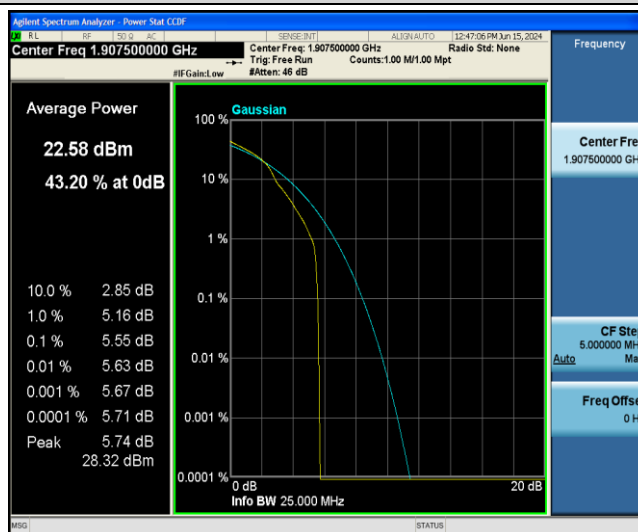
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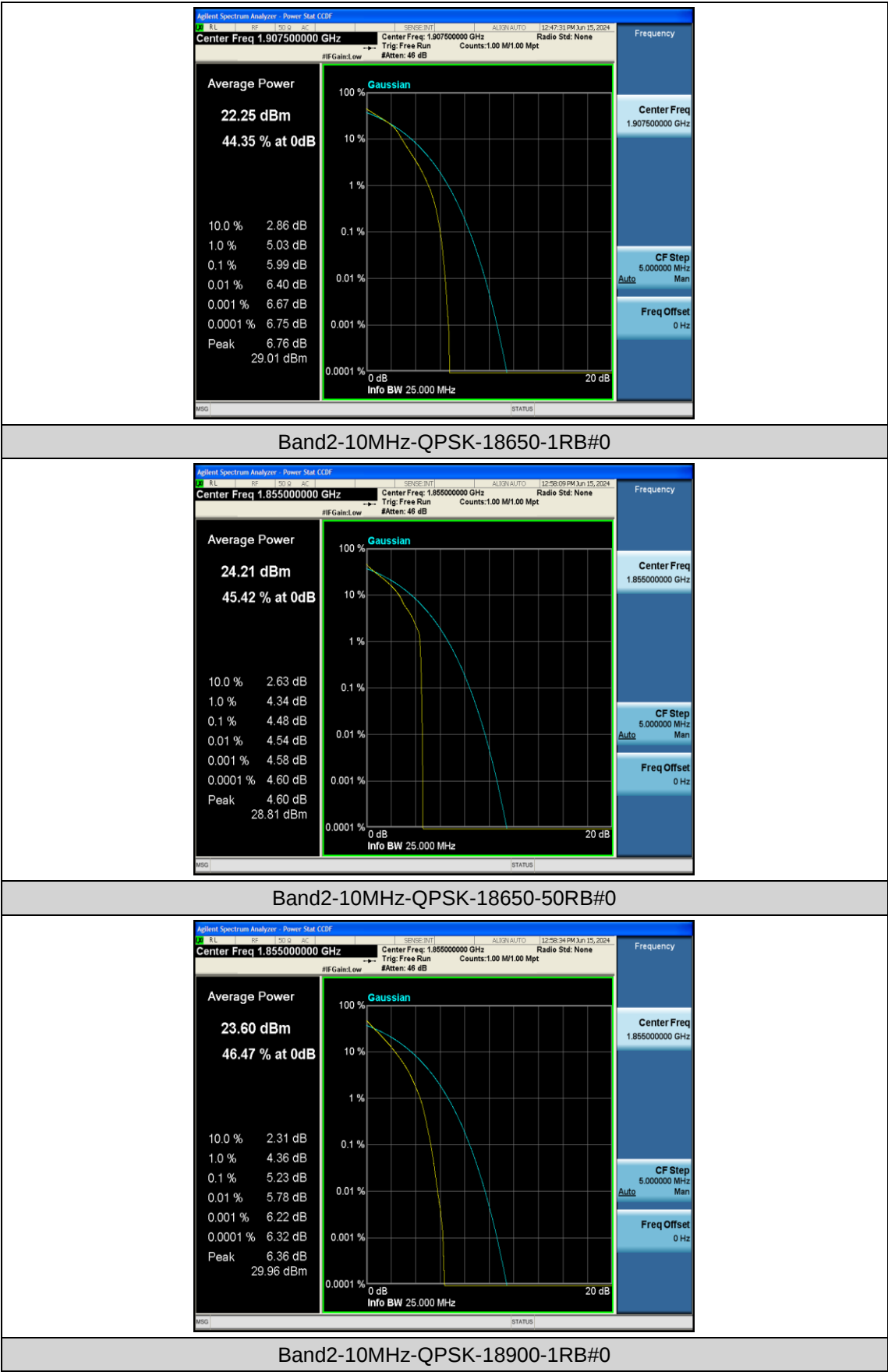
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Band2-5MHz-16QAM-19175-1RB#0



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



Agilent Spectrum Analyzer - Power Stat CLDF

Center Freq 1.855000000 GHz

Center Freq: 1.855000000 GHz

Radio Std: None

Frequency

Center Freq

1.855000000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

23.60 dBm

46.47 % at 0dB

10.0 % 2.31 dB

1.0 % 4.36 dB

0.1 % 5.23 dB

0.01 % 5.78 dB

0.001 % 6.22 dB

0.0001 % 6.32 dB

Peak 6.36 dB

29.96 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

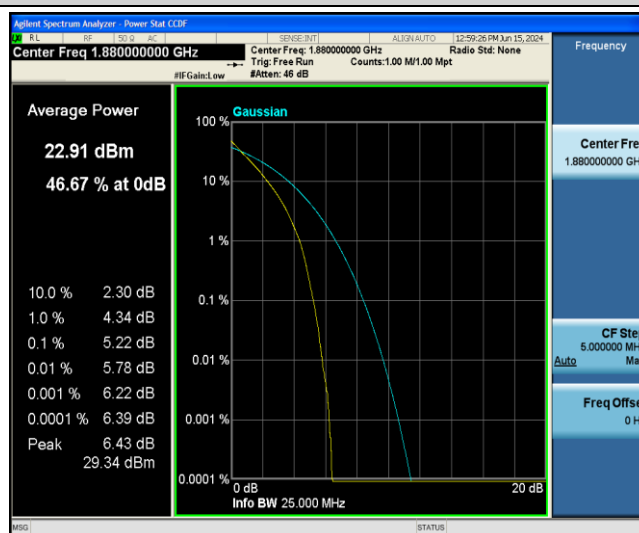
MSG

STATUS

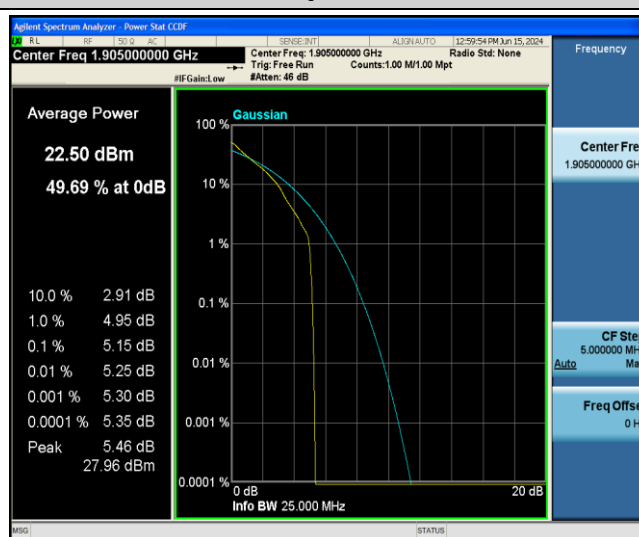
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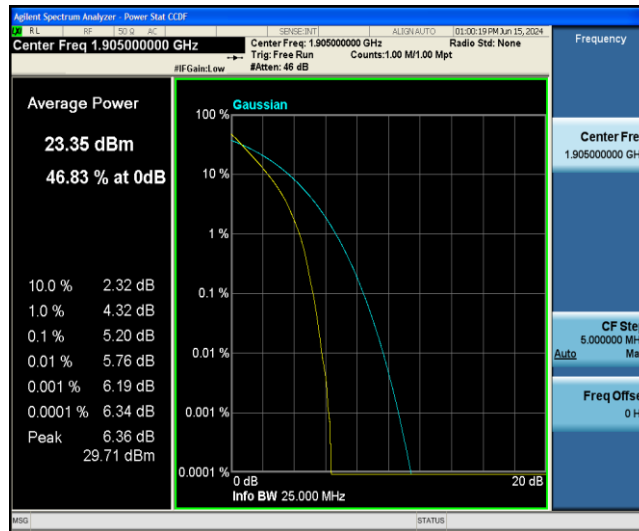
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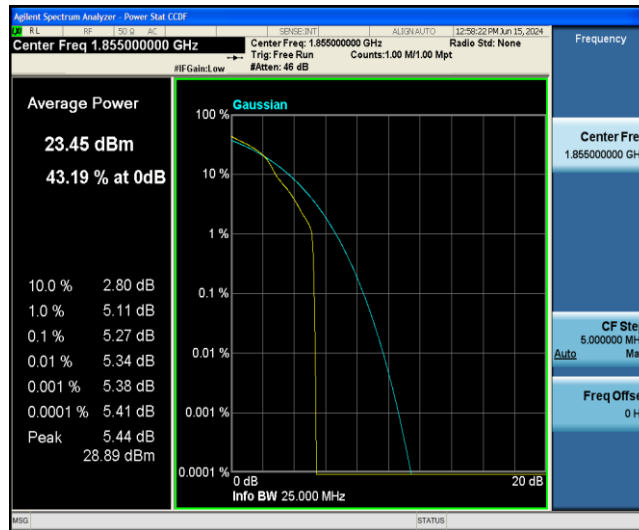
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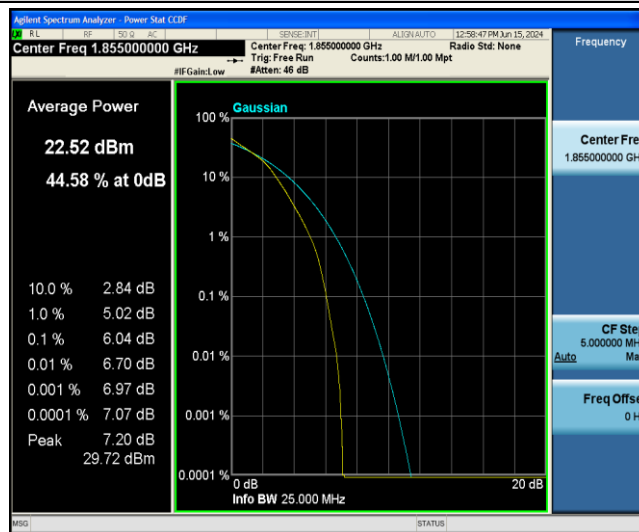
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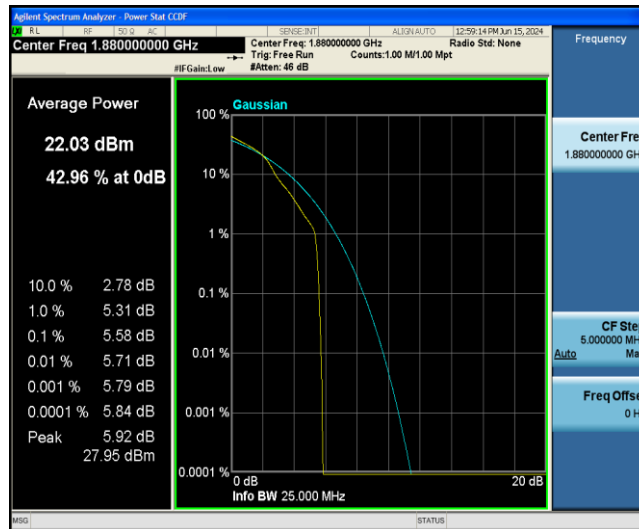
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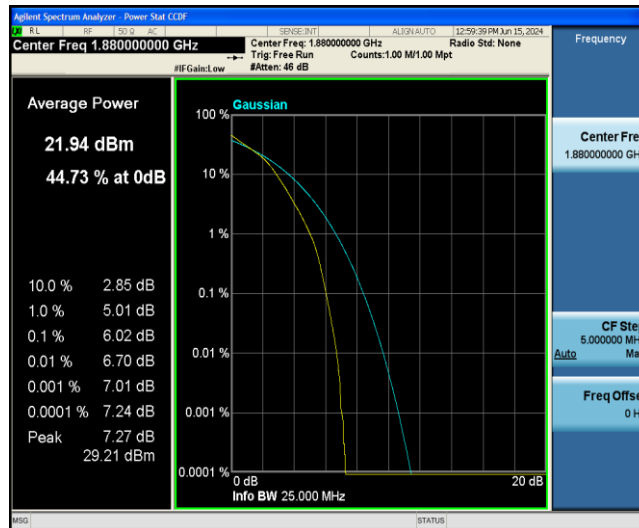
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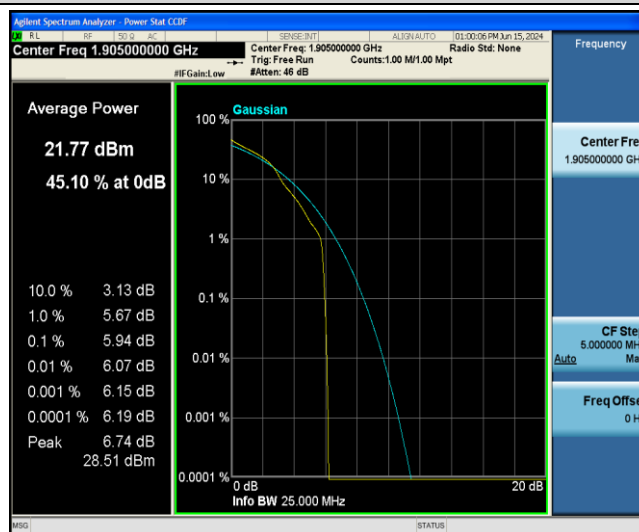
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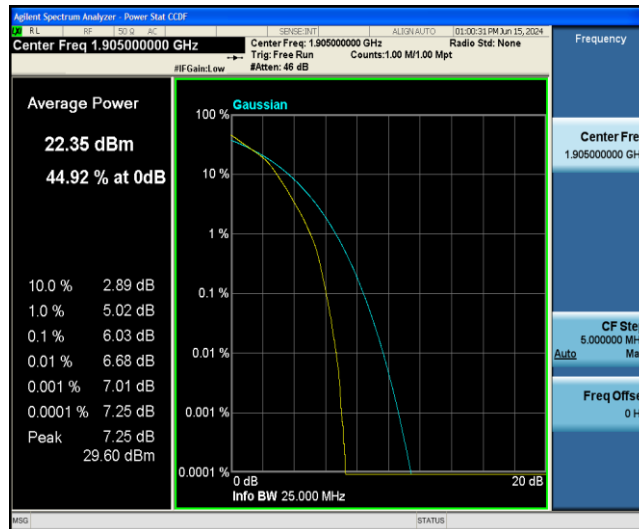
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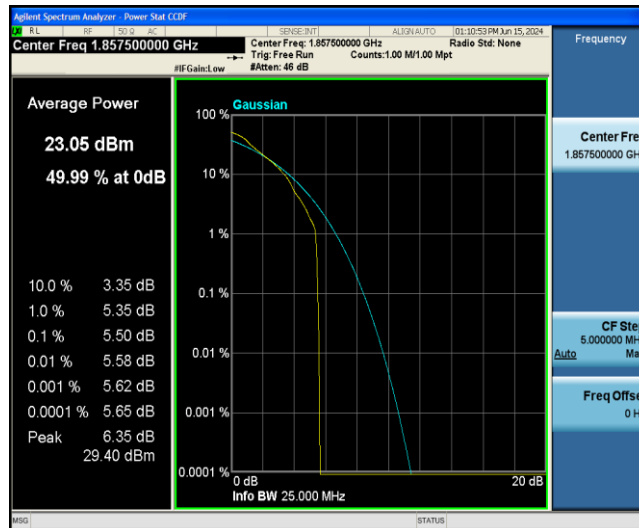
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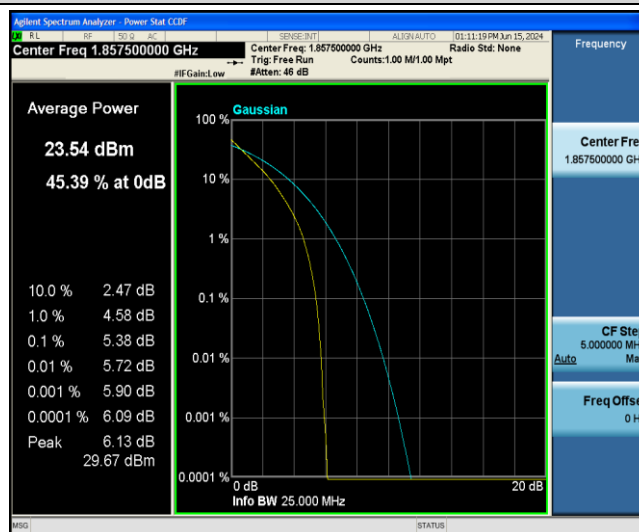
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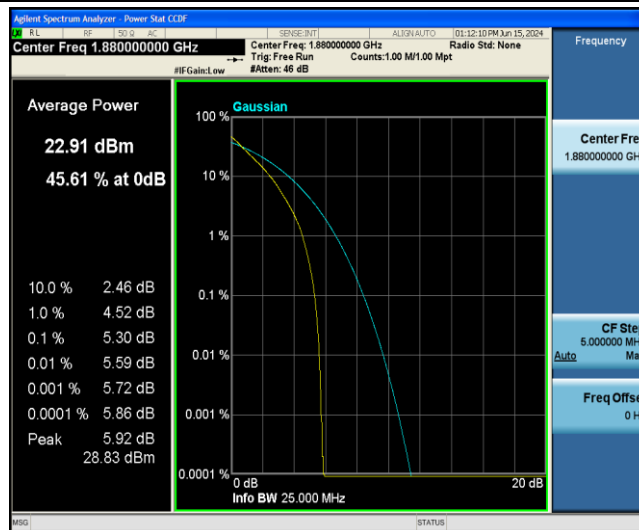
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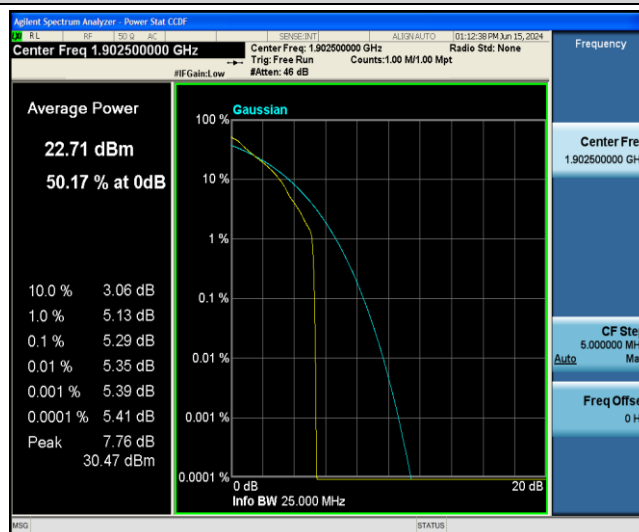
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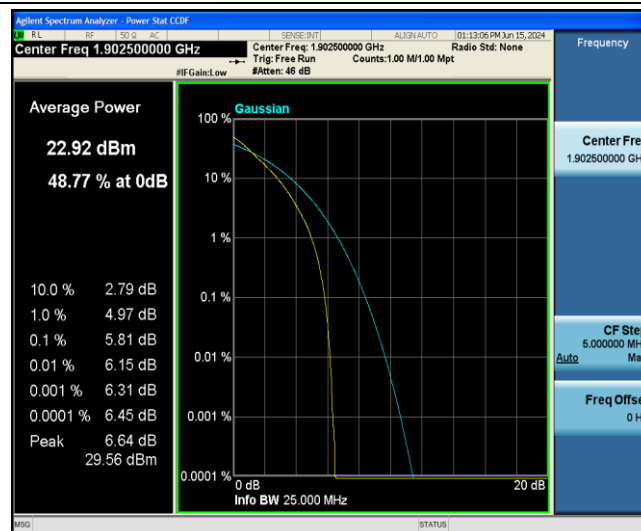
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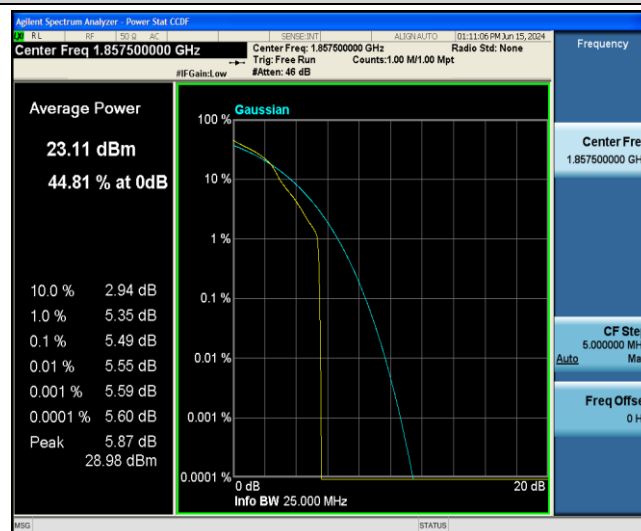
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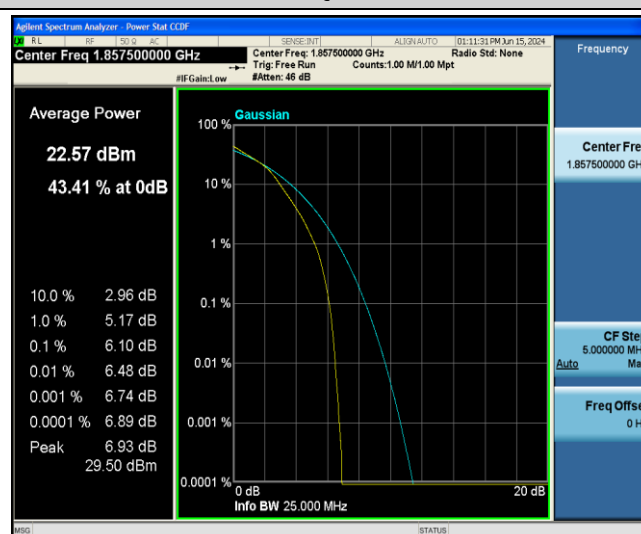
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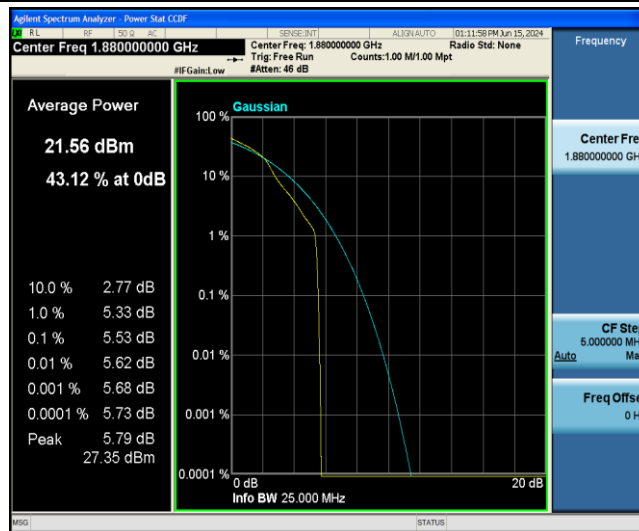
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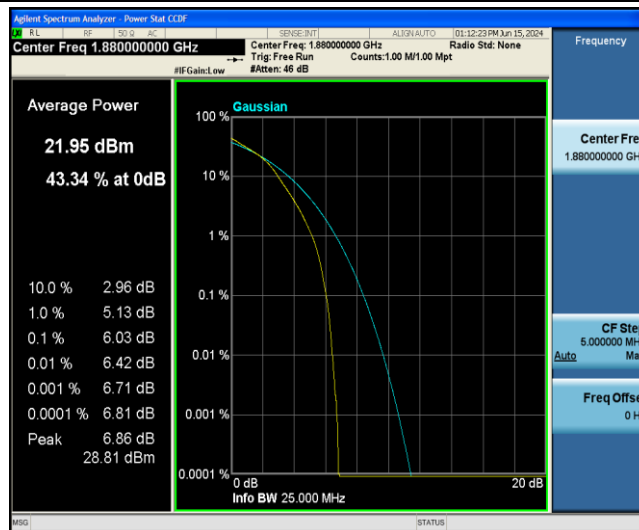
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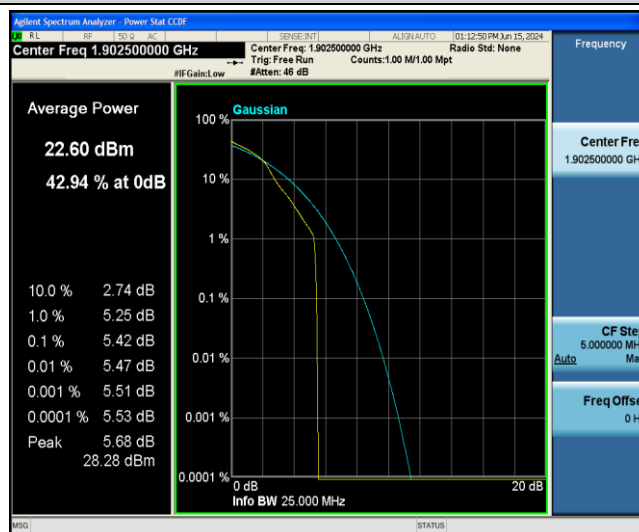
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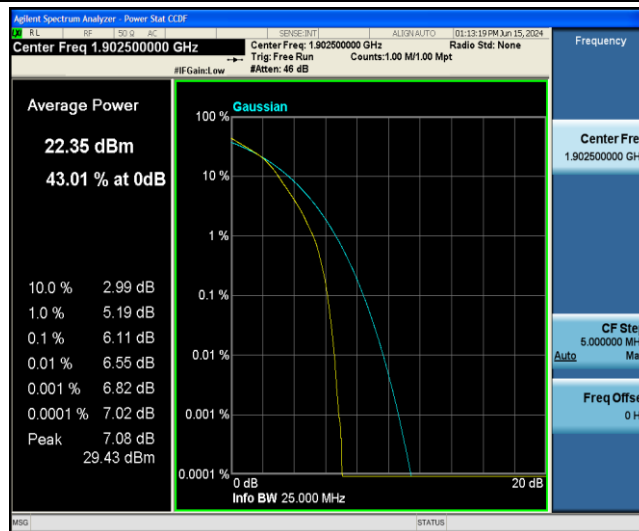
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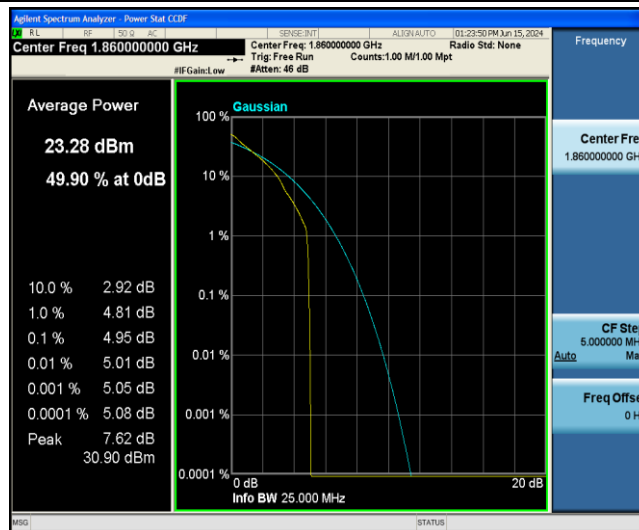
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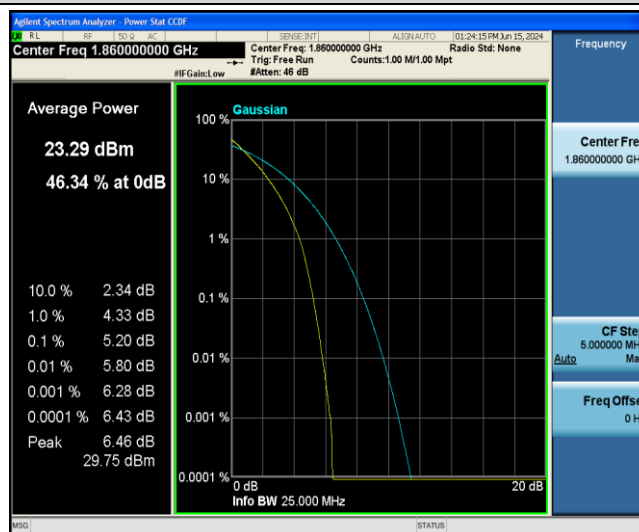
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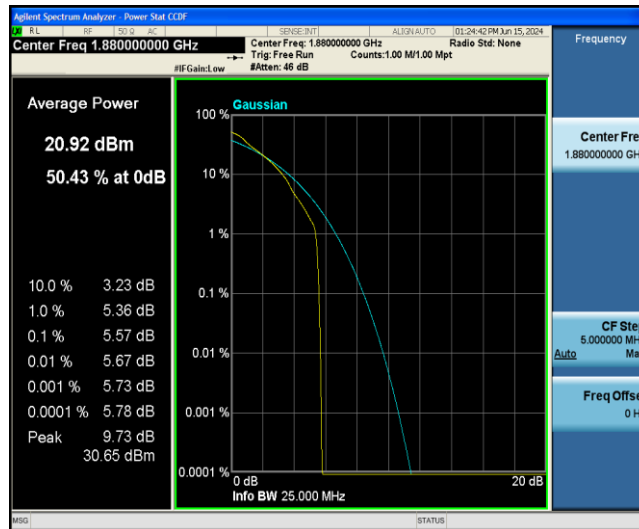
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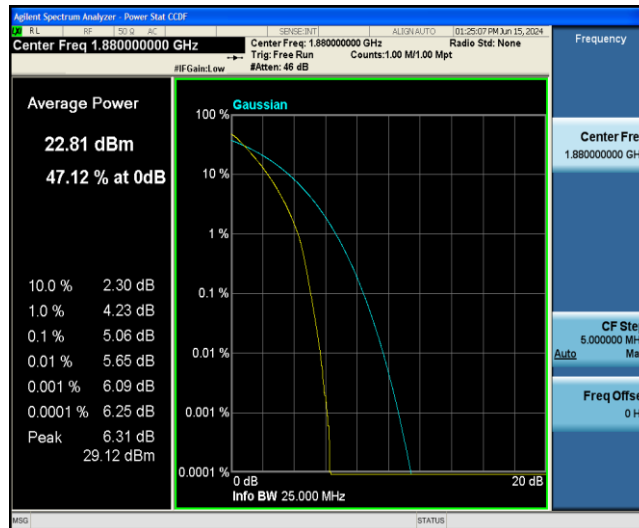
Band2-20MHz-QPSK-18700-100RB#0



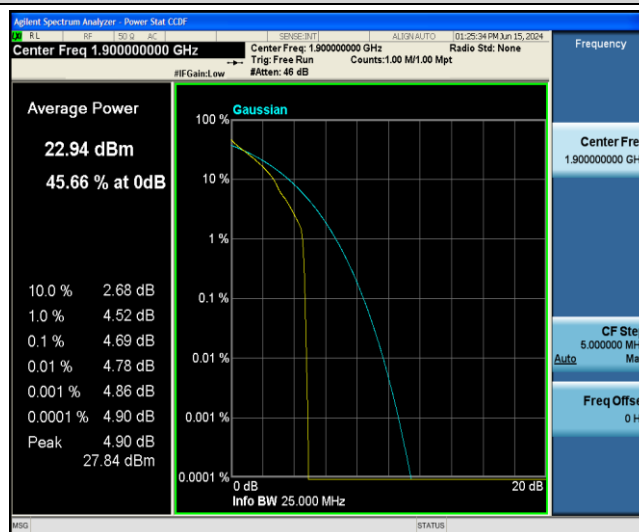
Band2-20MHz-QPSK-18900-1RB#0



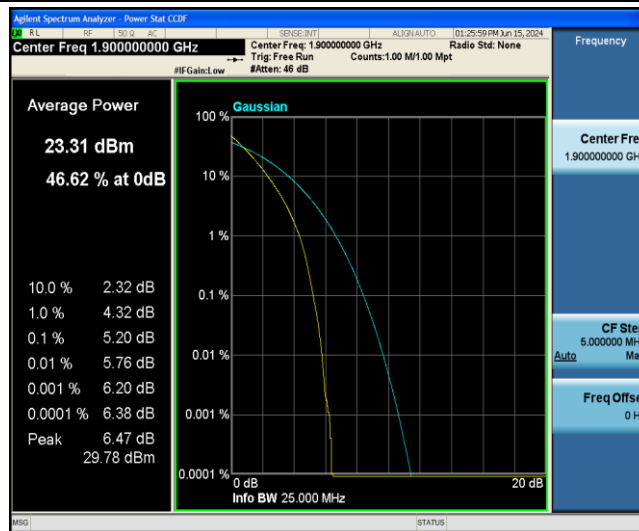
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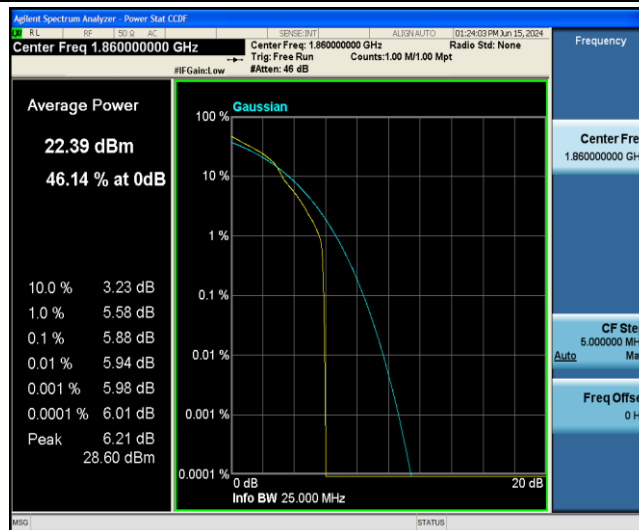
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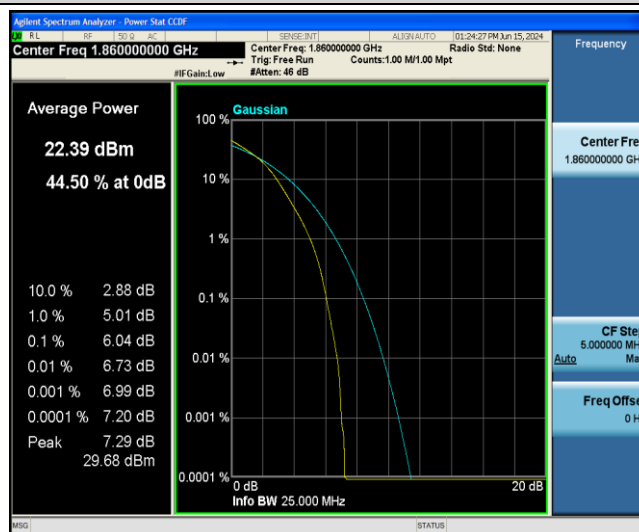
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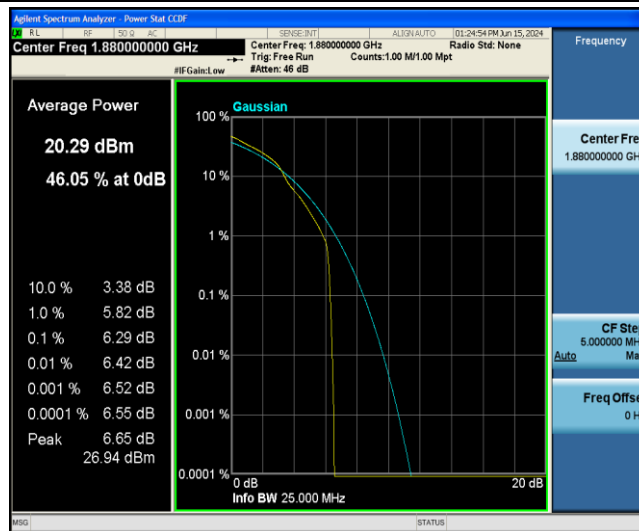
Band2-20MHz-16QAM-18700-1RB#0



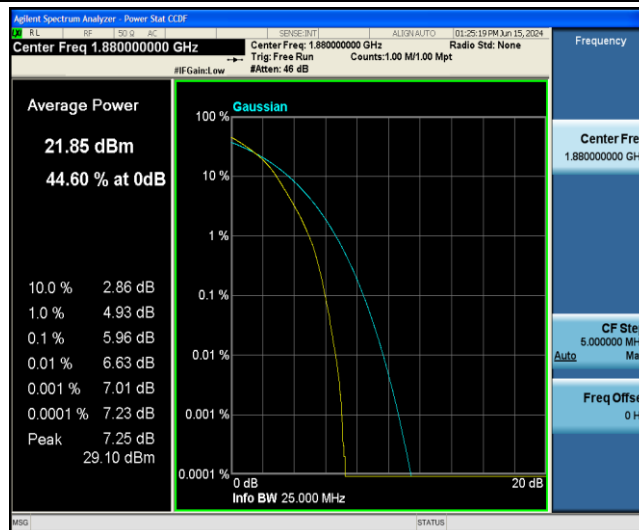
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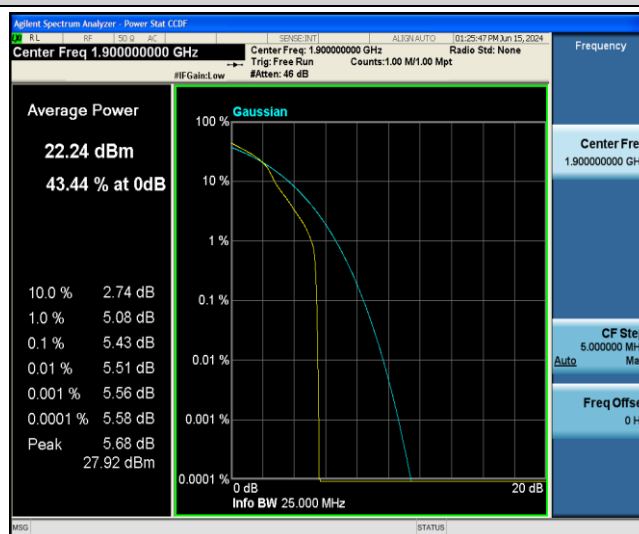
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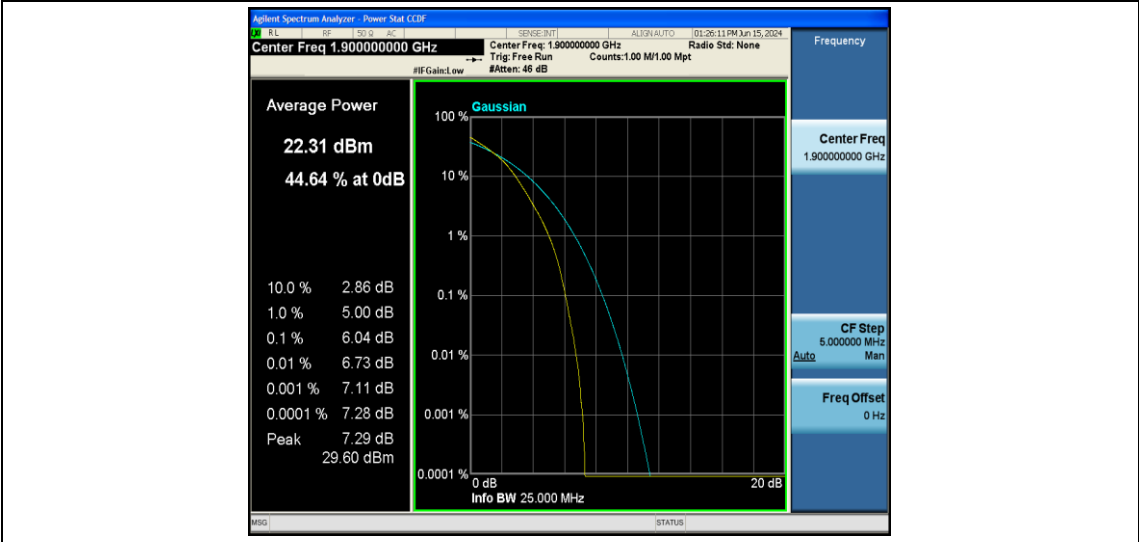
Band2-20MHz-16QAM-18900-100RB#0



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



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

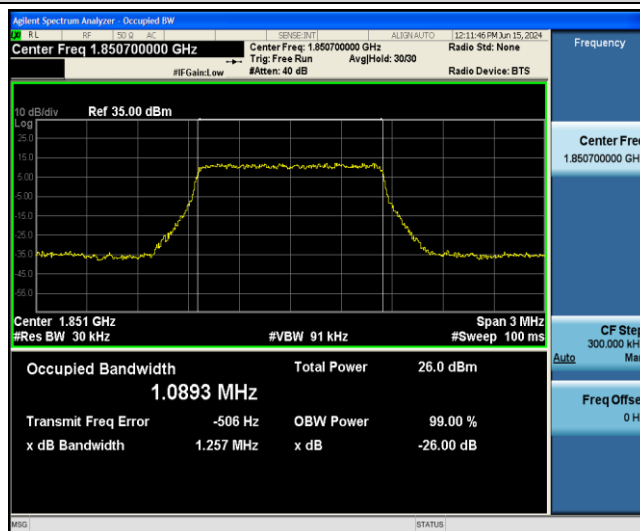
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0893	1.257	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0898	1.250	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0961	1.256	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0906	1.269	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0902	1.251	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0884	1.259	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6994	2.902	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6958	2.889	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6946	2.900	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6899	2.925	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6925	2.929	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6929	2.931	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4997	4.902	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5010	4.874	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5031	4.916	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4997	4.841	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5002	4.854	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5028	4.854	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9637	9.558	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9585	9.547	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9609	9.563	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9491	9.526	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9397	9.516	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9450	9.523	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.436	14.26	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.412	14.29	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.442	14.28	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.428	14.26	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.400	14.23	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.428	14.26	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.901	18.95	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.846	18.91	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.893	18.94	PASS

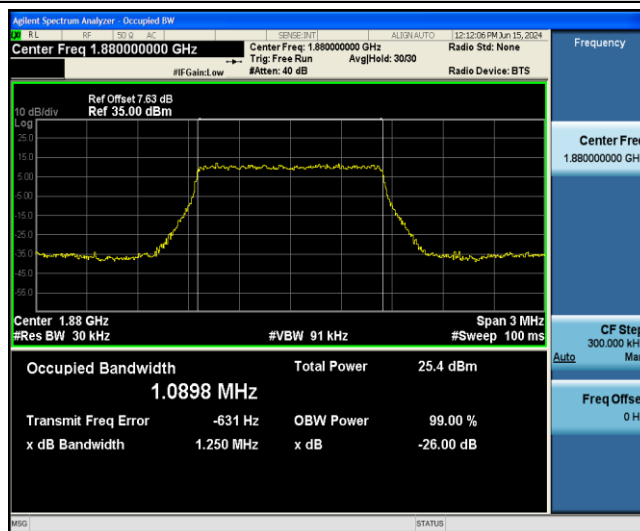
Band2	20MHz	16QAM	18700	100RB#0	17.897	18.93	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.845	18.91	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.888	18.96	PASS

Test Graphs

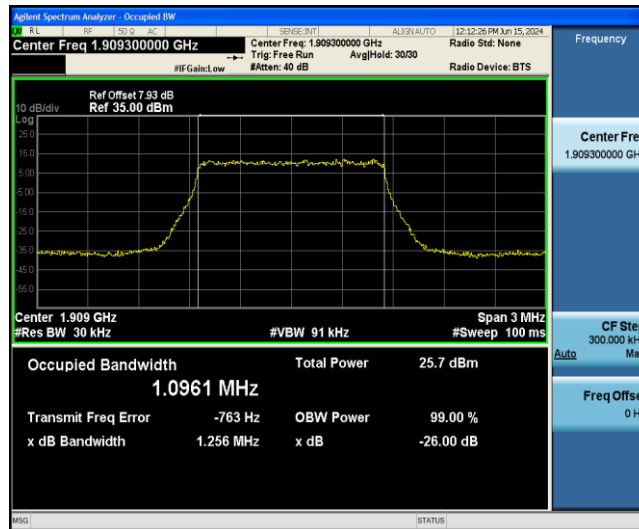
Band2-1.4MHz-QPSK-18607-6RB#0



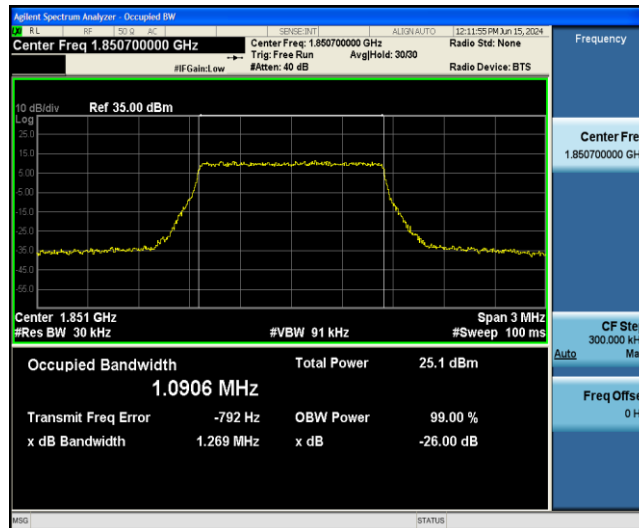
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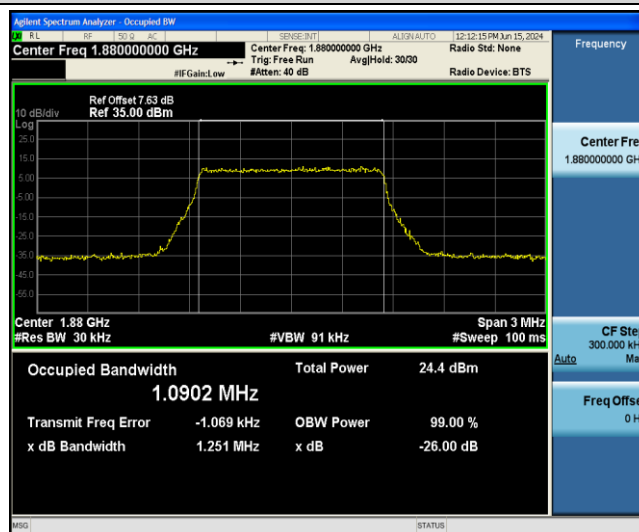
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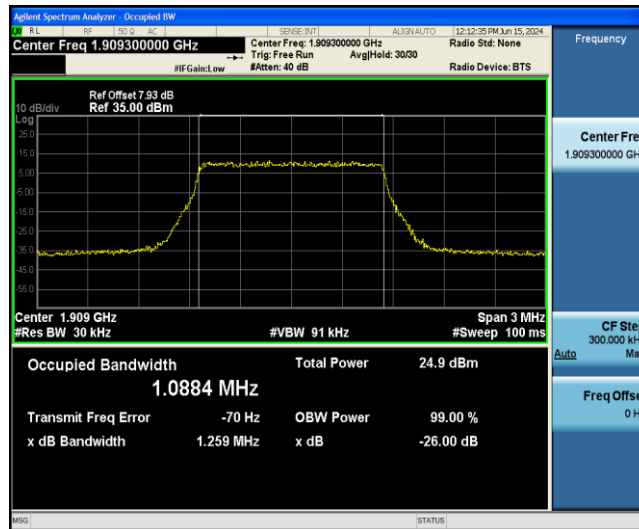
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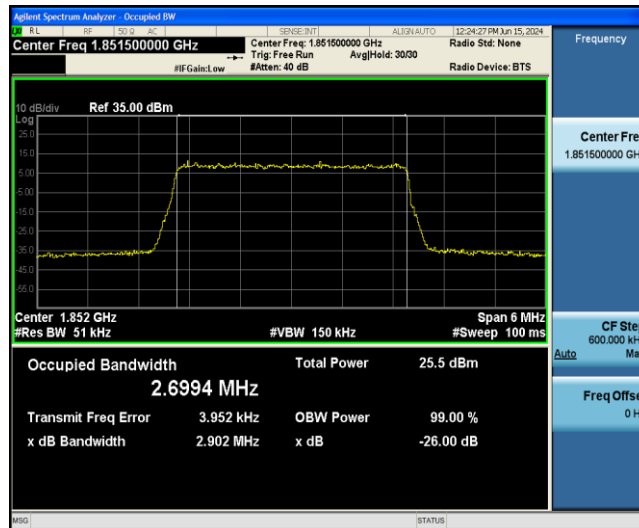
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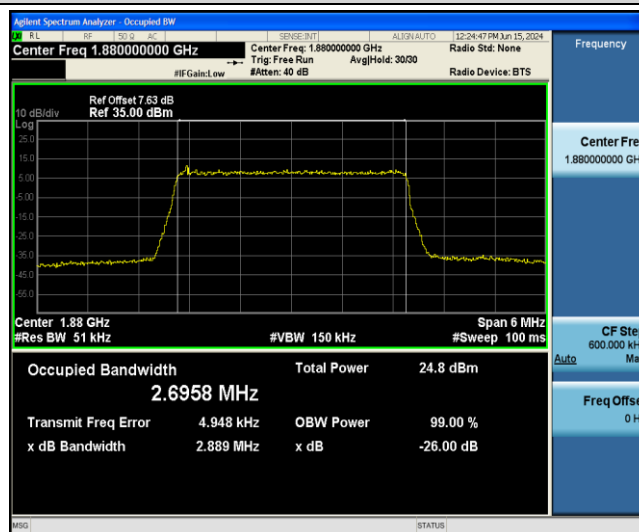
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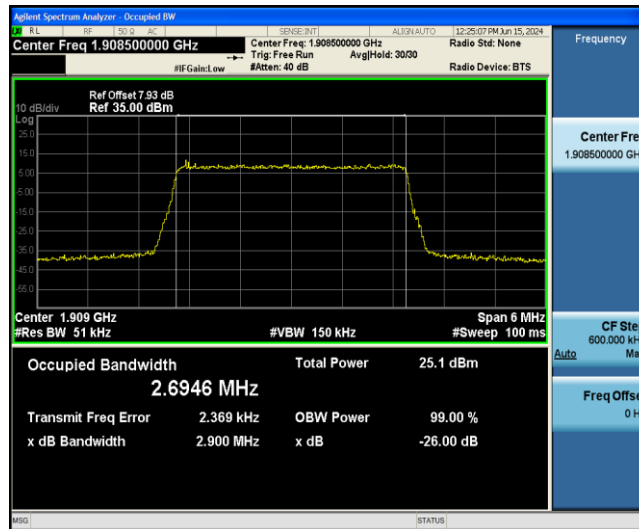
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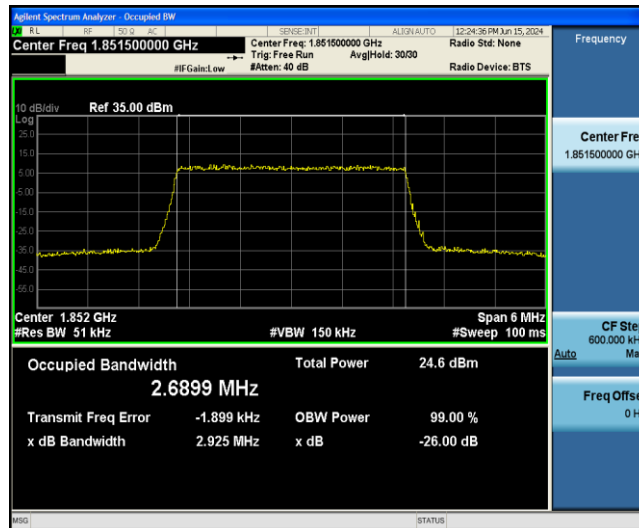
Band2-3MHz-QPSK-18900-15RB#0



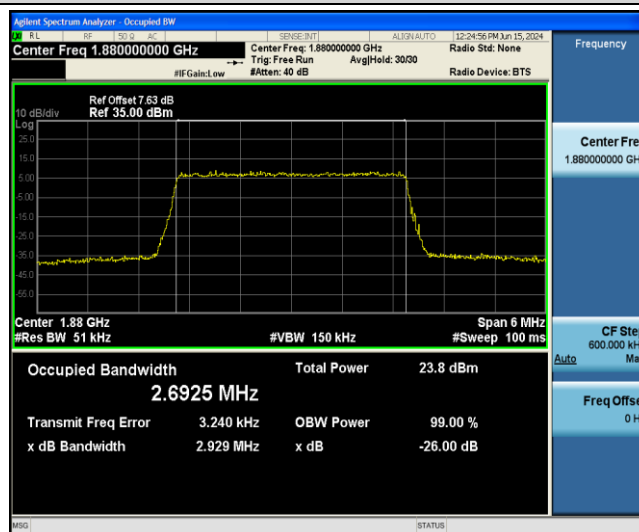
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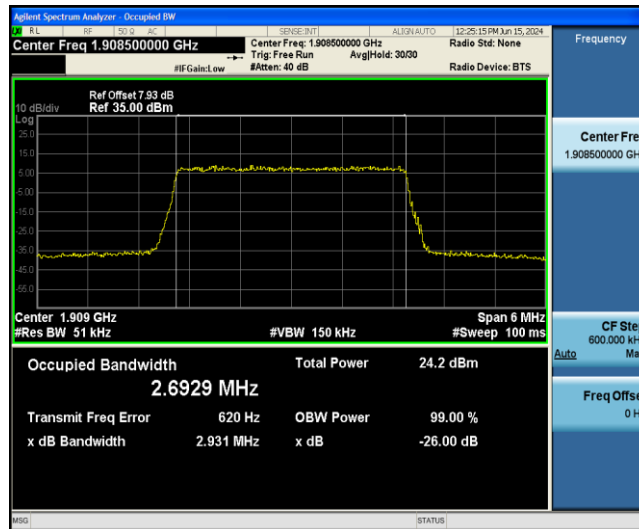
Band2-3MHz-16QAM-18615-15RB#0



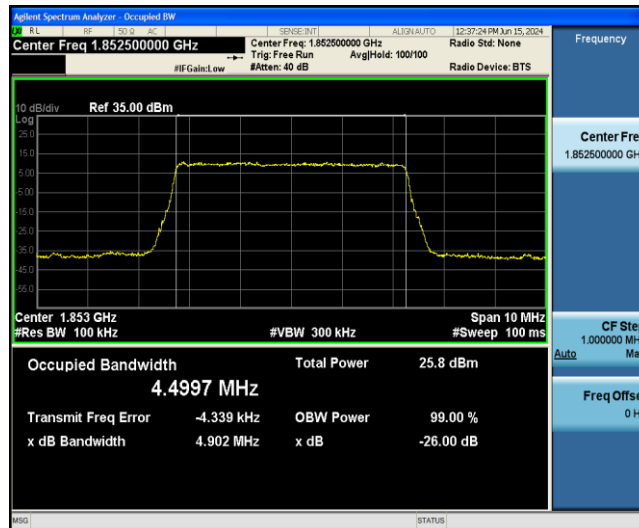
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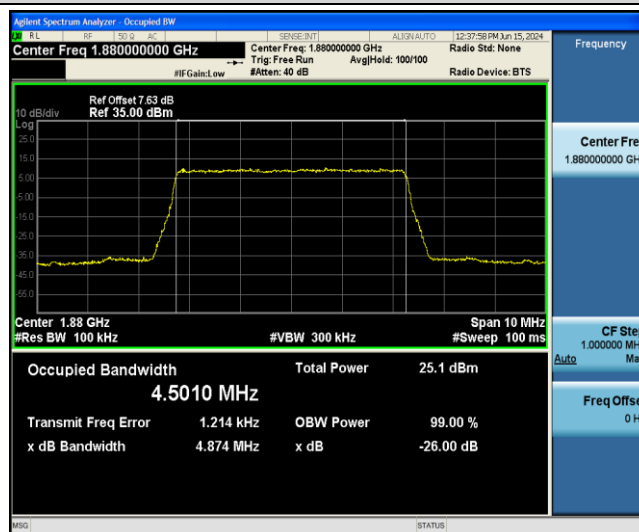
Band2-3MHz-16QAM-19185-15RB#0



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



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



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