Appendix B: Test Data for LTE Band 2

Product Name: GNSS Tracker

Test Model: GV75CG

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

B.1 Conducted Output Power Data for LTE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.10	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.15	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.11	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.86	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	20.97	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.36	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.30	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.32	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	20.66	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.65	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.17	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.35	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.81	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.04	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	20.84	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.71	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	20.67	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.27	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.10	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.80	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.37	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.24	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.09	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.03	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	20.87	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.77	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.03	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.38	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	20.93	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.95	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.34	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	20.81	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.32	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	20.74	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.12	PASS

Band2	1.4MHz	QPSK	19193	3RB#1	20.75	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.66	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	20.80	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.87	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.62	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.80	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.24	PASS
Band2	3MHz	16QAM	18615	1RB#0	20.82	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.16	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.15	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.61	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.60	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.16	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.95	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.28	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.32	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.04	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.36	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.86	PASS
Band2	3MHz	QPSK	18900	1RB#0	20.68	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.32	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.30	PASS
Band2	3MHz	16QAM	18900	1RB#8	20.99	PASS
Band2	3MHz	QPSK	18900	1RB#14	20.99	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.77	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.29	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.86	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.18	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.25	PASS
Band2	3MHz	QPSK	18900	8RB#7	20.71	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.15	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.11	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.66	PASS
Band2	3MHz	QPSK	19185	1RB#0	20.84	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.40	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.14	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.26	PASS
Band2	3MHz	QPSK	19185	1RB#14	20.76	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.89	PASS
Band2	3MHz	QPSK	19185	8RB#0	20.84	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.70	PASS

Band2	3MHz	QPSK	19185	8RB#4	21.13	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.13	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.23	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.37	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.71	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.35	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.06	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.79	PASS
Band2	5MHz	QPSK	18625	1RB#12	20.65	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.63	PASS
Band2	5MHz	QPSK	18625	1RB#24	20.63	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.39	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.27	PASS
Band2	5MHz	QPSK	18625	12RB#6	20.73	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.26	PASS
Band2	5MHz	QPSK	18625	12RB#13	20.75	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.29	PASS
Band2	5MHz	QPSK	18625	25RB#0	20.82	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.22	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.27	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.05	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.33	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.14	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.32	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.60	PASS
Band2	5MHz	QPSK	18900	12RB#0	20.61	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.19	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.62	PASS
Band2	5MHz	QPSK	18900	12RB#13	20.94	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.93	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.17	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.88	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.02	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.26	PASS
Band2	5MHz	QPSK	19175	1RB#12	20.88	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.21	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.37	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.01	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.99	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.71	PASS

Band2	5MHz	QPSK	19175	12RB#6	20.97	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.25	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.05	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.09	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.17	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.74	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.25	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.27	PASS
Band2	10MHz	QPSK	18650	1RB#24	20.79	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.19	PASS
Band2	10MHz	QPSK	18650	1RB#49	20.99	PASS
Band2	10MHz	16QAM	18650	1RB#49	20.92	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.22	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.09	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.32	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.23	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.89	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.39	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.26	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.71	PASS
Band2	10MHz	QPSK	18900	1RB#0	20.74	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.74	PASS
Band2	10MHz	QPSK	18900	1RB#24	20.96	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.90	PASS
Band2	10MHz	QPSK	18900	1RB#49	20.69	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.33	PASS
Band2	10MHz	QPSK	18900	25RB#0	20.65	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.88	PASS
Band2	10MHz	QPSK	18900	25RB#12	20.69	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.81	PASS
Band2	10MHz	QPSK	18900	25RB#25	20.79	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.16	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.35	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.34	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.14	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.11	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.06	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.86	PASS
Band2	10MHz	QPSK	19150	1RB#49	20.63	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.95	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.08	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.28	PASS

Band2	10MHz	QPSK	19150	25RB#12	20.60	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.62	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.12	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.84	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.19	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.97	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.25	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.21	PASS
Band2	15MHz	QPSK	18675	1RB#38	20.87	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.65	PASS
Band2	15MHz	QPSK	18675	1RB#74	20.89	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.76	PASS
Band2	15MHz	QPSK	18675	38RB#0	20.94	PASS
Band2	15MHz	16QAM	18675	38RB#0	20.96	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.01	PASS
Band2	15MHz	16QAM	18675	38RB#18	20.94	PASS
Band2	15MHz	QPSK	18675	38RB#37	20.73	PASS
Band2	15MHz	16QAM	18675	38RB#37	20.79	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.17	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.89	PASS
Band2	15MHz	QPSK	18900	1RB#0	20.90	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.96	PASS
Band2	15MHz	QPSK	18900	1RB#38	20.67	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.17	PASS
Band2	15MHz	QPSK	18900	1RB#74	20.75	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.19	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.80	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.25	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.02	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.05	PASS
Band2	15MHz	QPSK	18900	38RB#37	20.97	PASS
Band2	15MHz	16QAM	18900	38RB#37	20.94	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.36	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.10	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.34	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.78	PASS
Band2	15MHz	QPSK	19125	1RB#38	20.71	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.26	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.32	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.37	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.14	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.11	PASS

Band2	15MHz	QPSK	19125	38RB#18	20.80	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.10	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.74	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.19	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.13	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.99	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.23	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.71	PASS
Band2	20MHz	QPSK	18700	1RB#49	20.81	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.13	PASS
Band2	20MHz	QPSK	18700	1RB#99	20.85	PASS
Band2	20MHz	16QAM	18700	1RB#99	20.70	PASS
Band2	20MHz	QPSK	18700	50RB#0	20.95	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.02	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.12	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.17	PASS
Band2	20MHz	QPSK	18700	50RB#50	20.97	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.13	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.01	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.61	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.39	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.64	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.15	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.89	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.22	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.96	PASS
Band2	20MHz	QPSK	18900	50RB#0	20.70	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.26	PASS
Band2	20MHz	QPSK	18900	50RB#25	20.66	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.19	PASS
Band2	20MHz	QPSK	18900	50RB#50	20.64	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.30	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.01	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	20.92	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.64	PASS
Band2	20MHz	QPSK	19100	1RB#49	20.99	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.38	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.34	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.31	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.07	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.20	PASS

Band2	20MHz	QPSK	19100	50RB#25	21.15	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.29	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.25	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.02	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.29	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.77	PASS

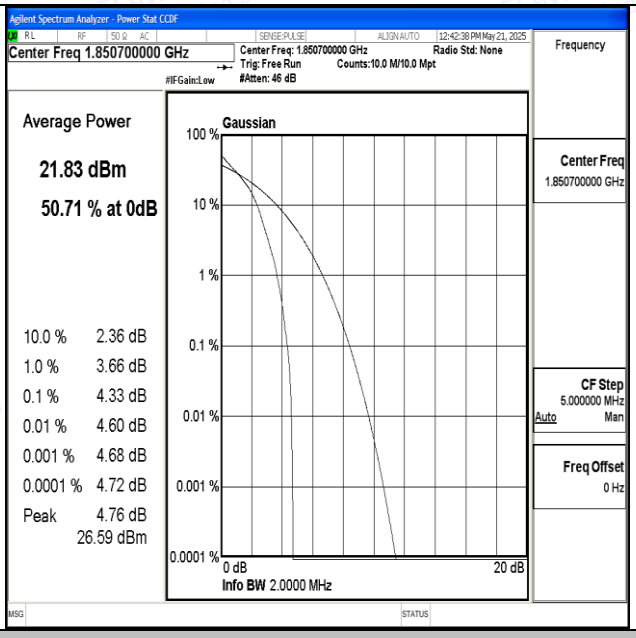
B.2 Peak-to-Average Ratio(CCDF) for LTE

Test Result

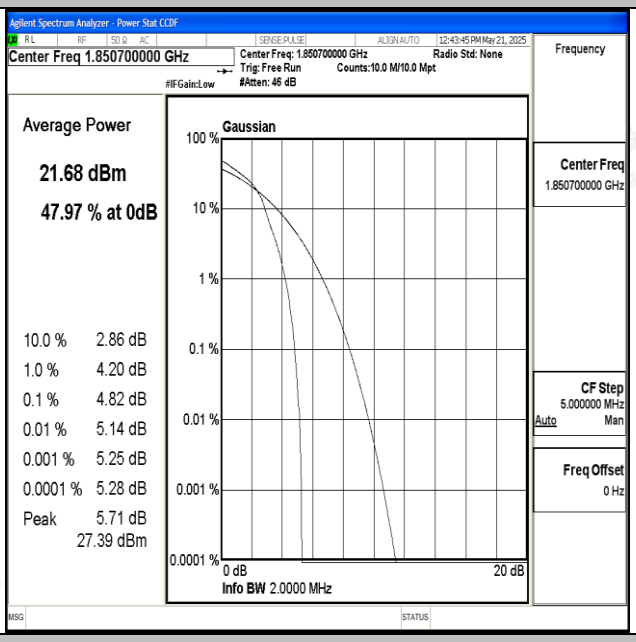
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.33	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	4.82	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.06	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.78	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.06	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	4.71	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.89	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.61	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.71	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.39	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.54	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.23	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.42	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.24	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.10	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.83	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.08	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	4.84	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.85	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.60	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	3.60	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	4.45	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.50	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.24	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.45	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.25	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.30	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.94	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.10	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	4.92	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.15	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.79	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	3.79	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	4.63	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.95	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.58	13	PASS

Band2	10MHz	QPSK	18650	1RB#0	4.43	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.18	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.36	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.05	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.13	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	4.96	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.18	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.84	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	3.89	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	4.63	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.00	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.64	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.41	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.20	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.68	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.18	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.19	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	4.90	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.43	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.93	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	3.95	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	4.75	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.24	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.75	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.09	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	4.93	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.41	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.13	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.11	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	4.69	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.22	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.90	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	3.86	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	4.48	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.05	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.76	13	PASS

Test Graphs



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



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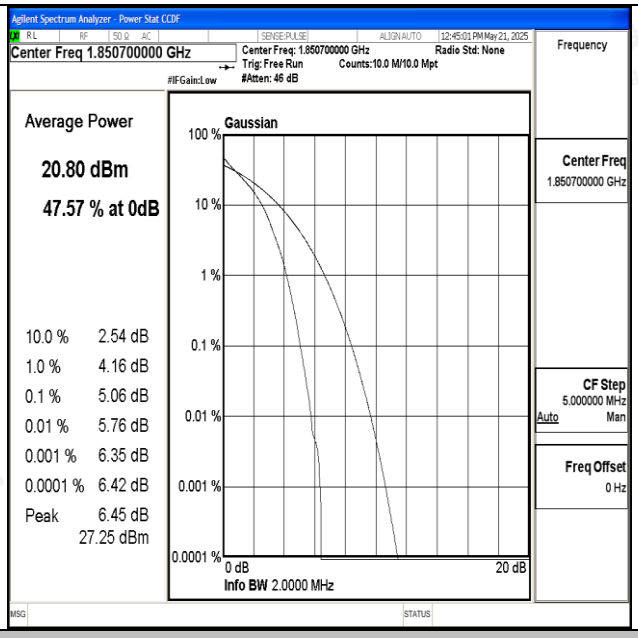

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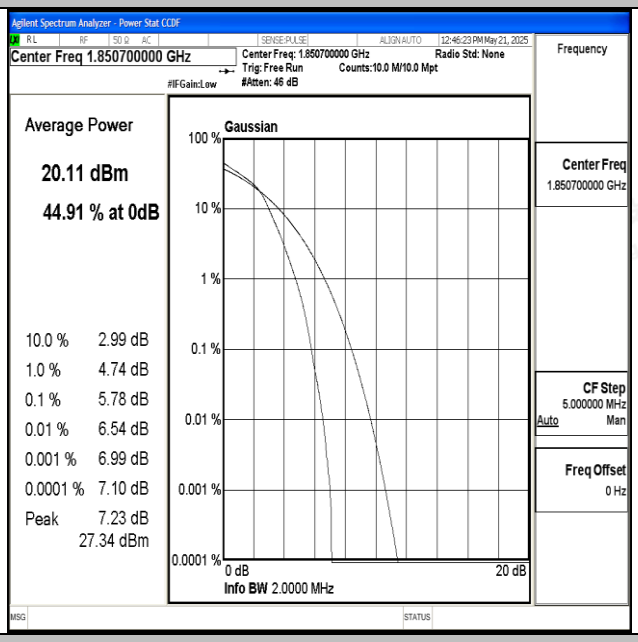

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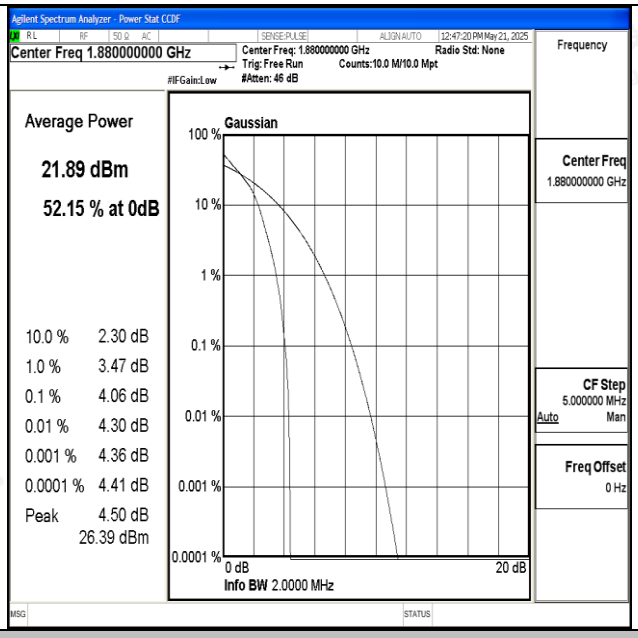

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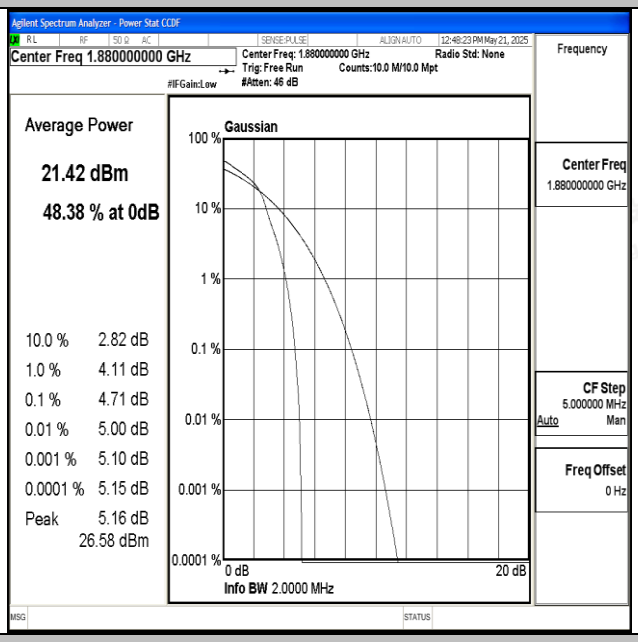

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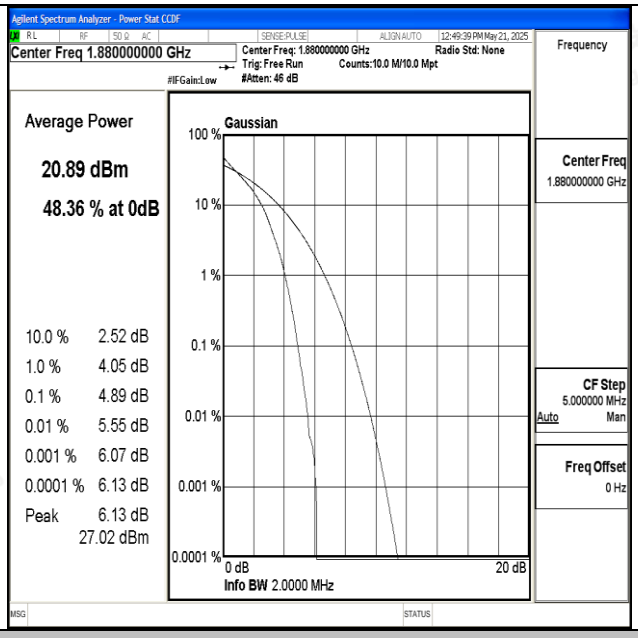

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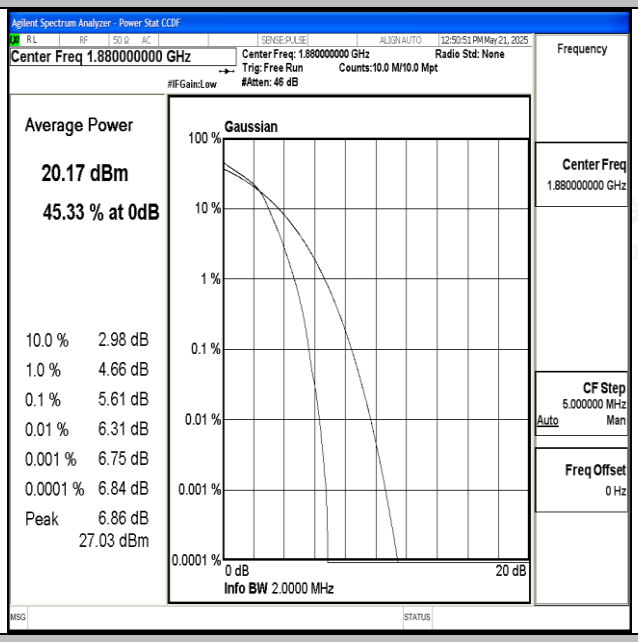

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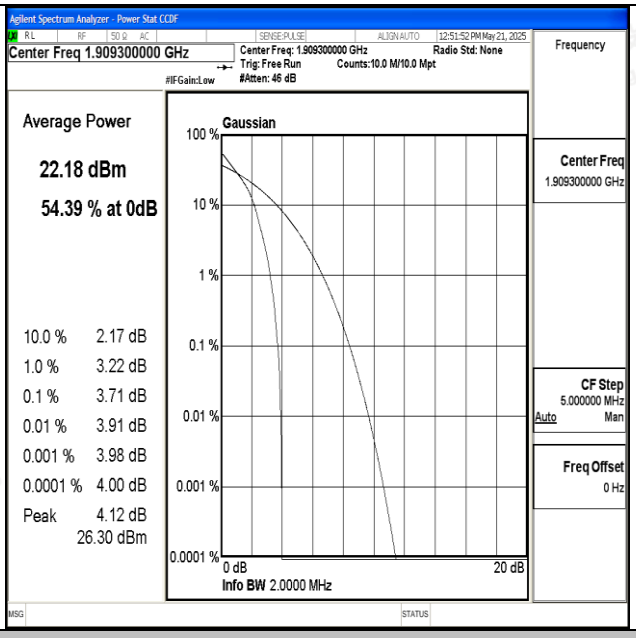

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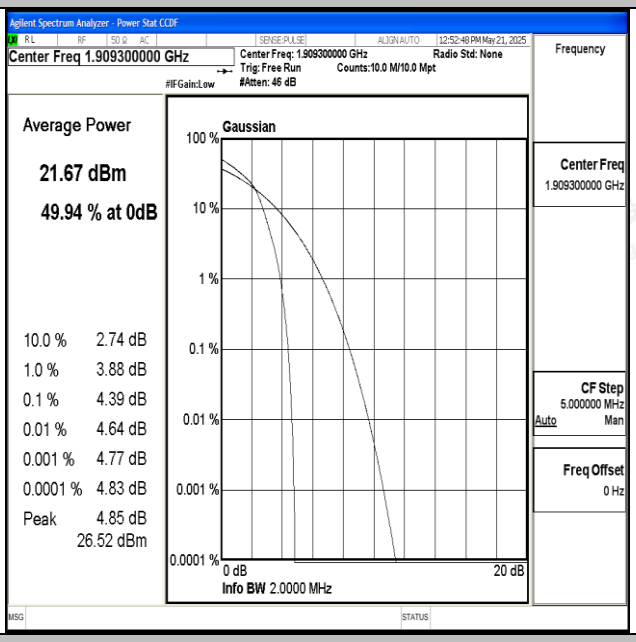

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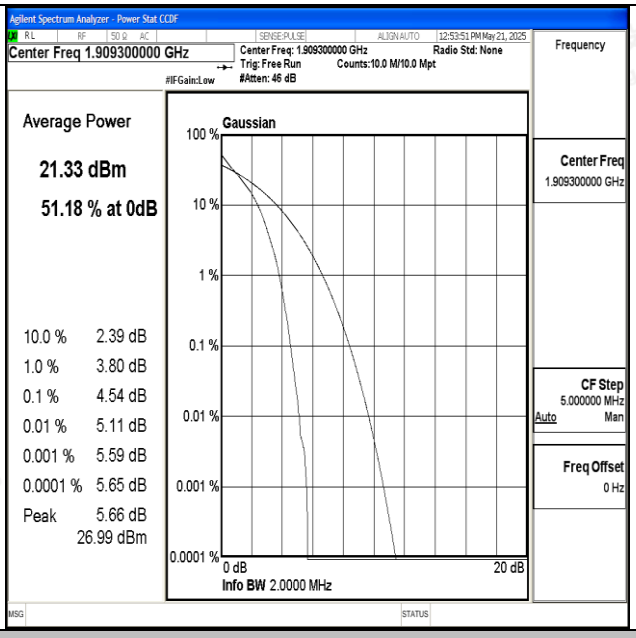

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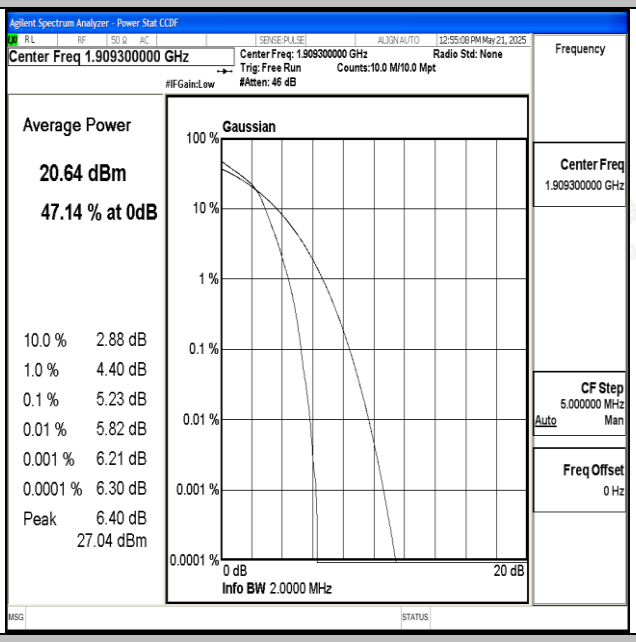

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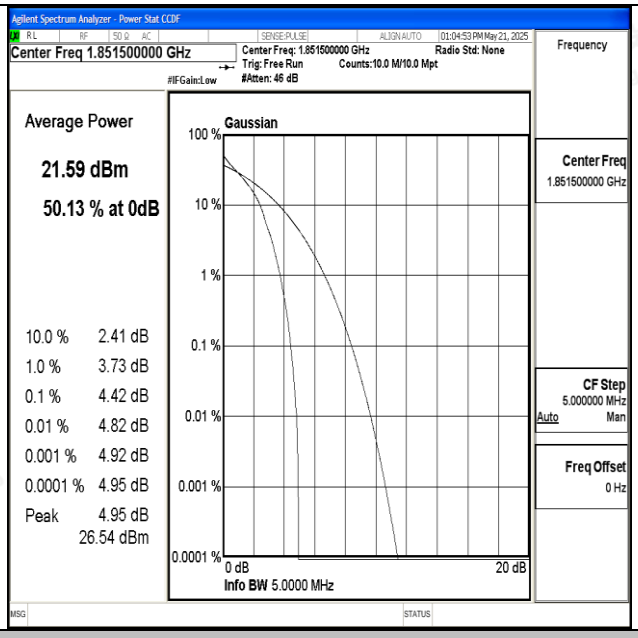

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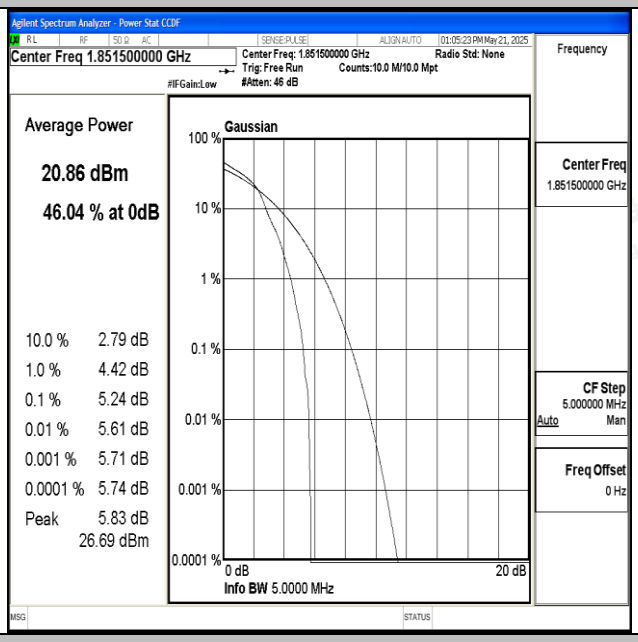

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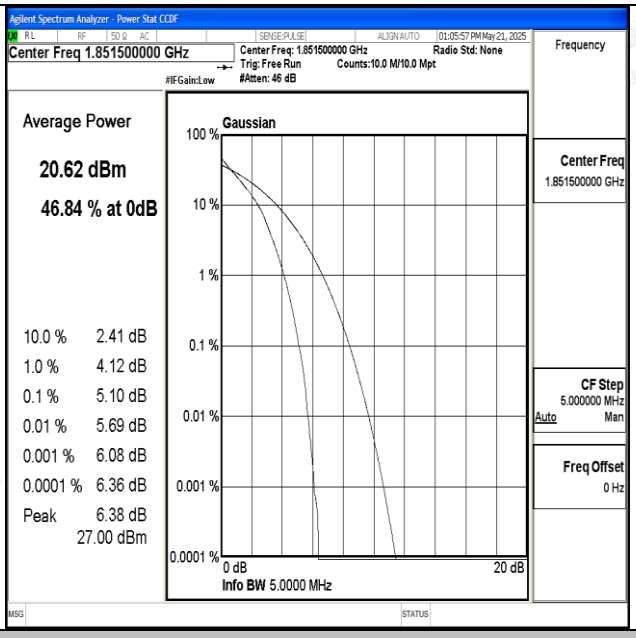
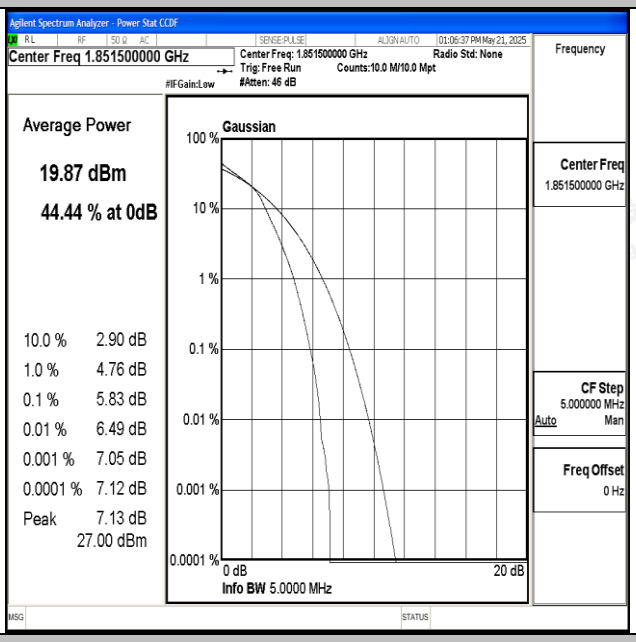


Band2-3MHz-QPSK-18615-15RB#0-PASS



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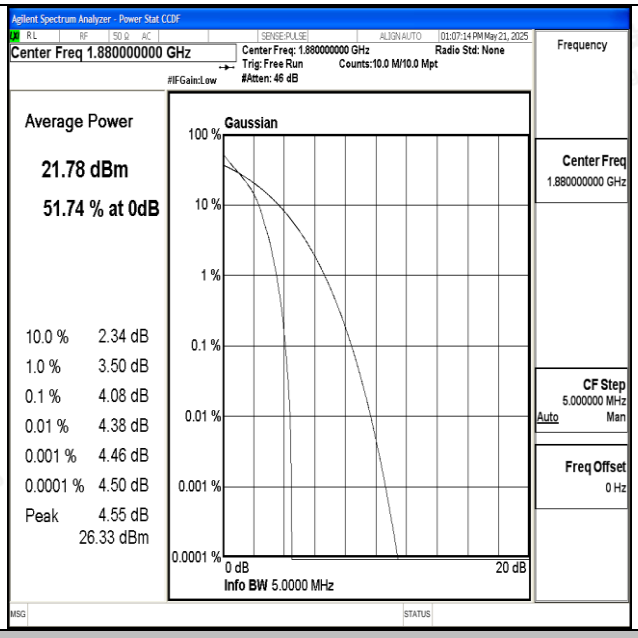

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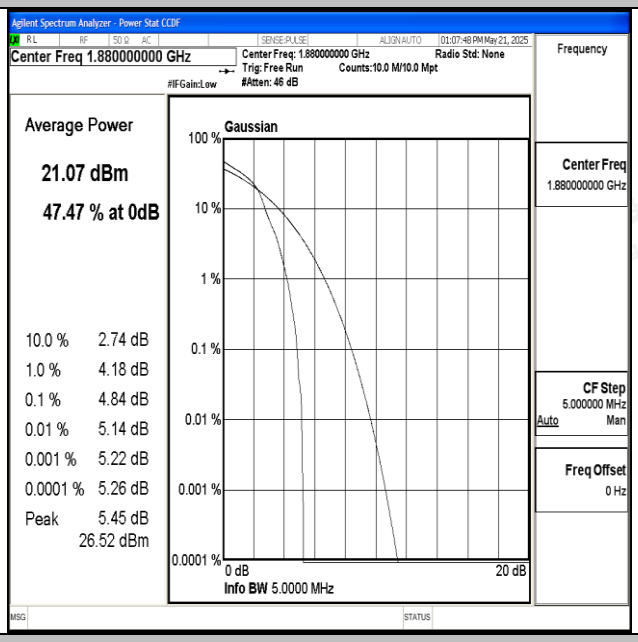

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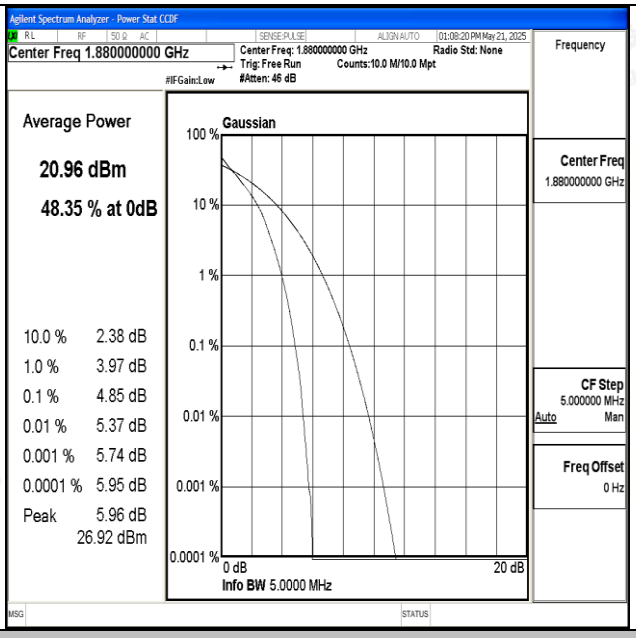

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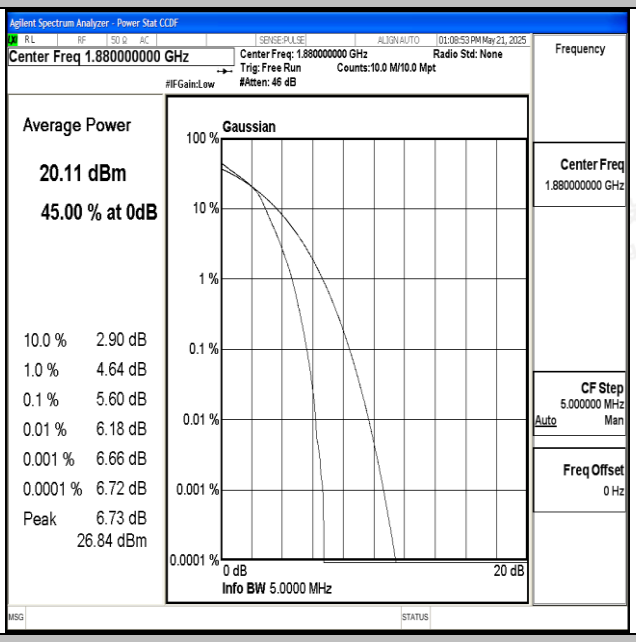

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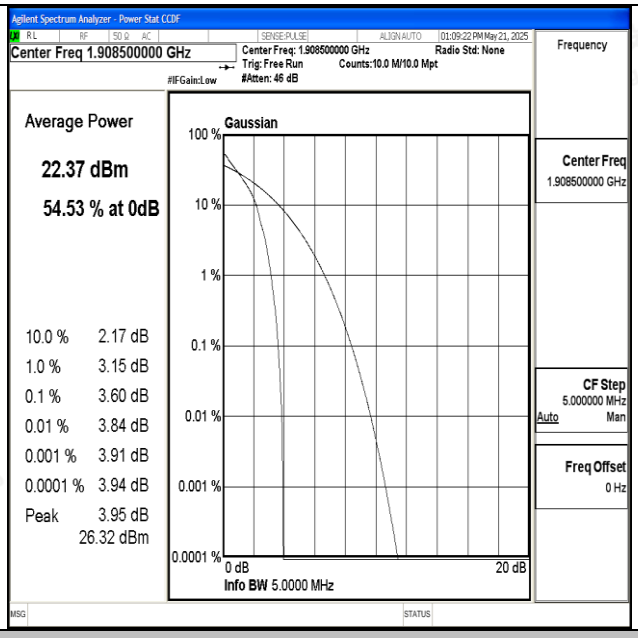
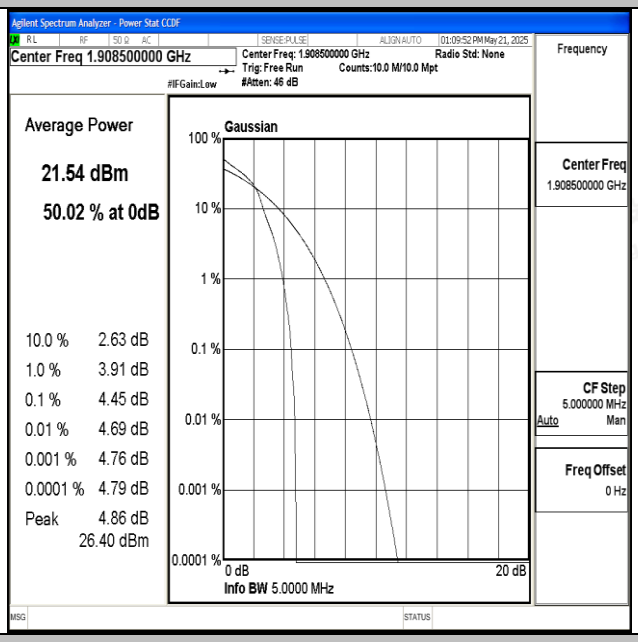


Band2-3MHz-QPSK-19185-1RB#0-PASS



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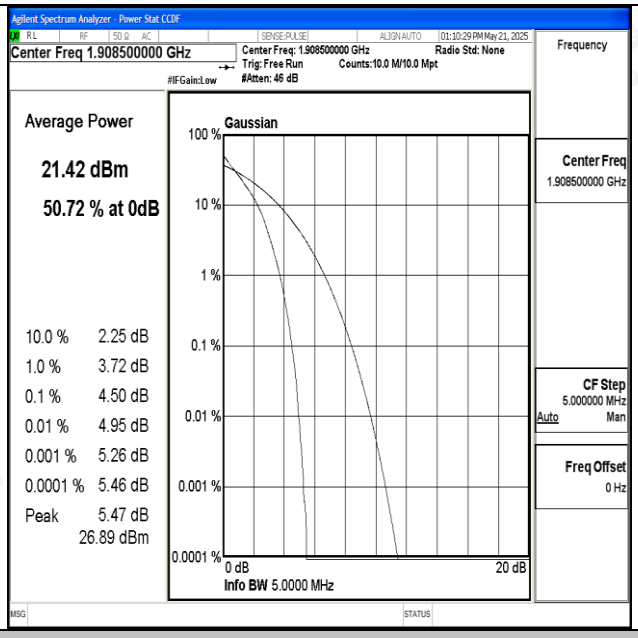

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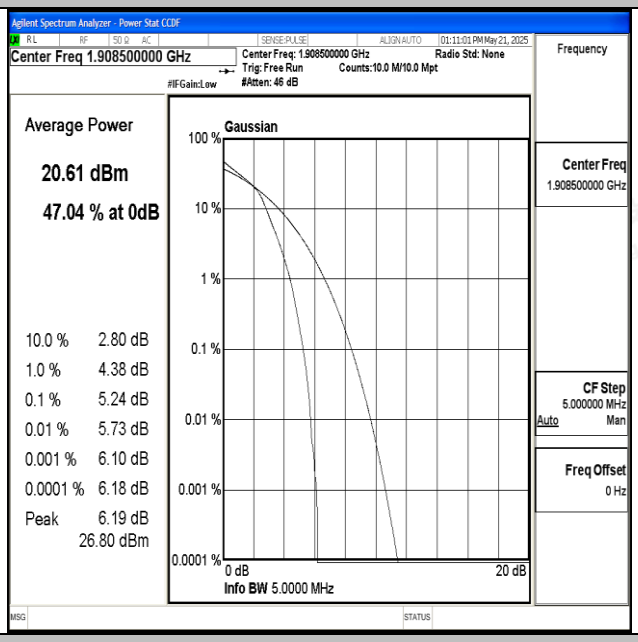

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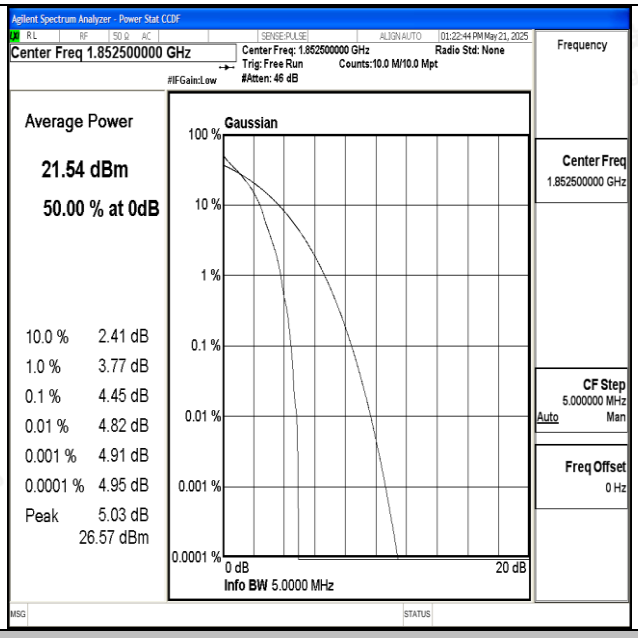

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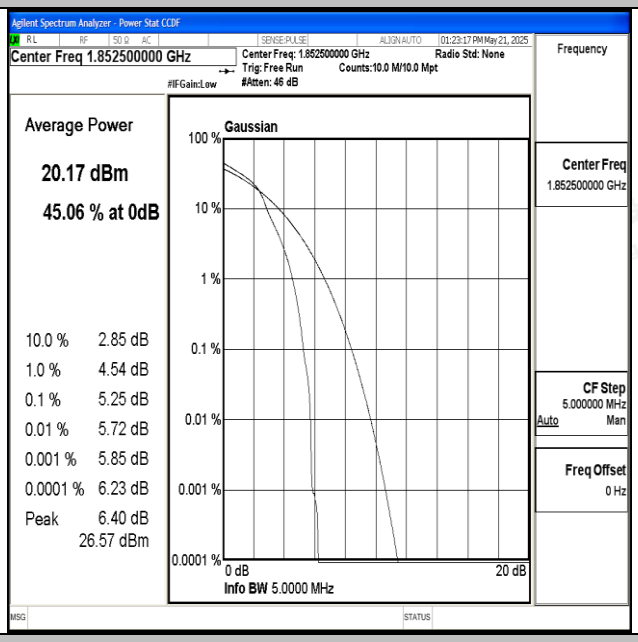

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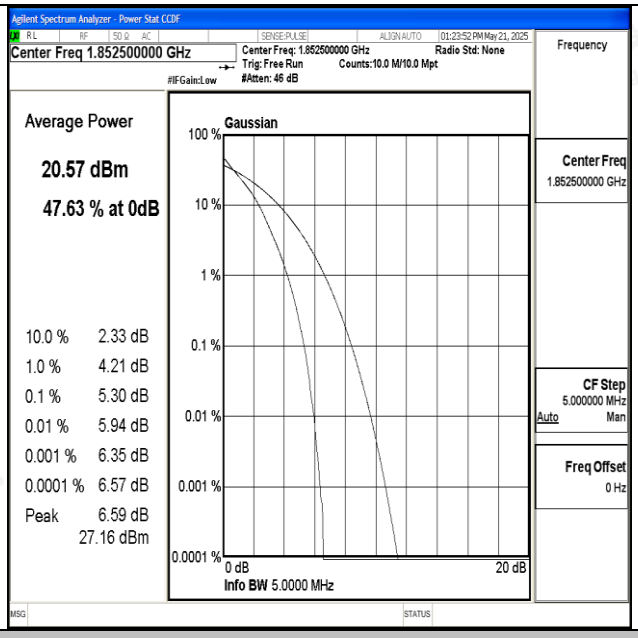

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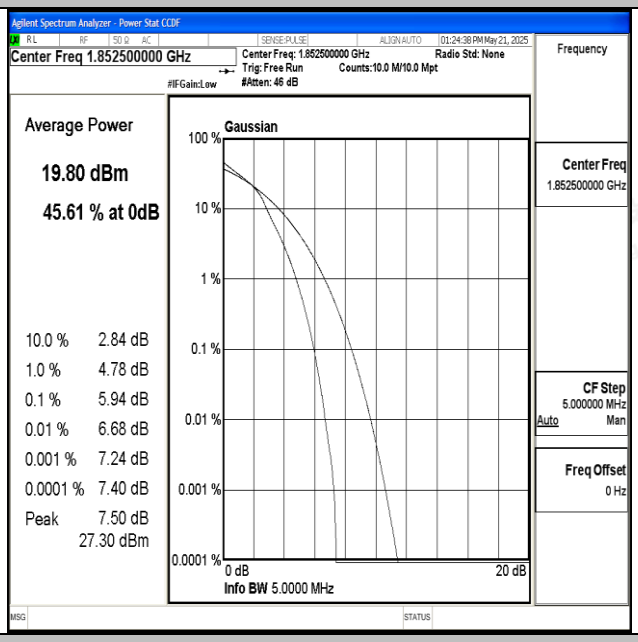

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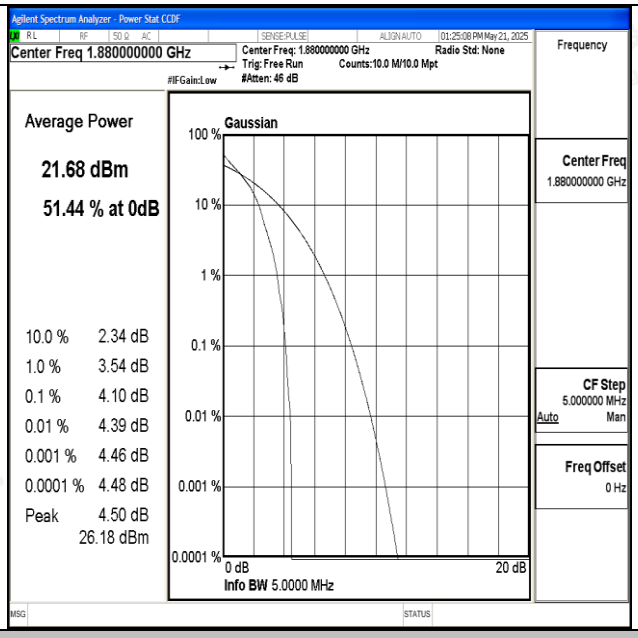

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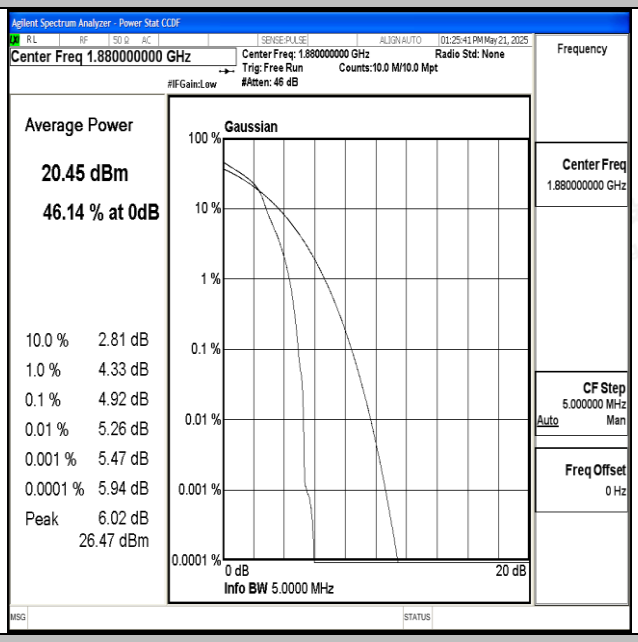

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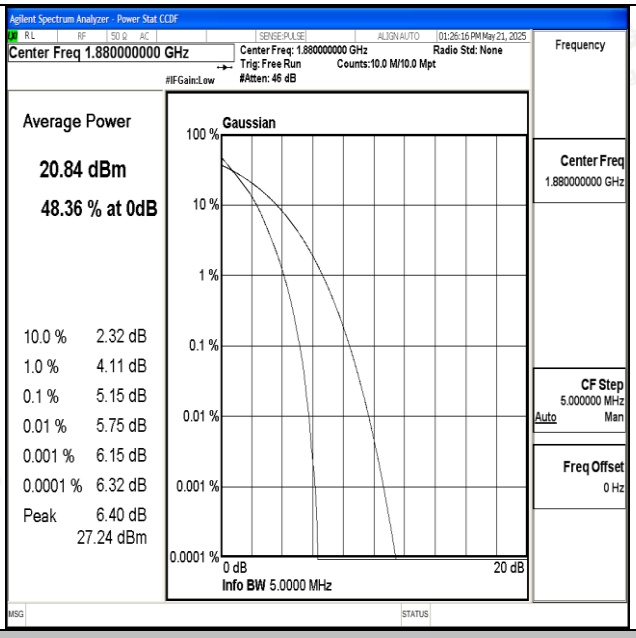

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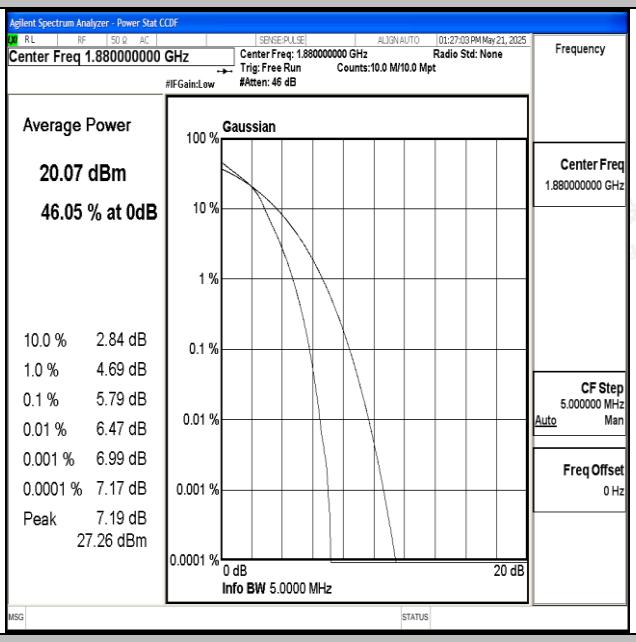

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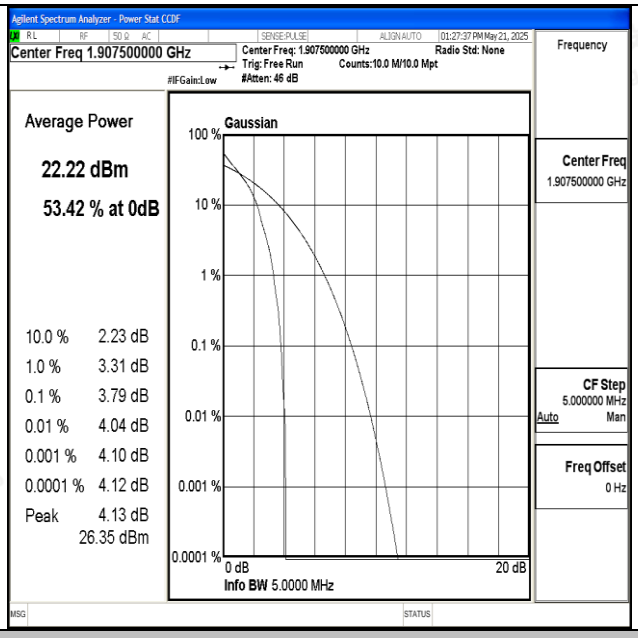

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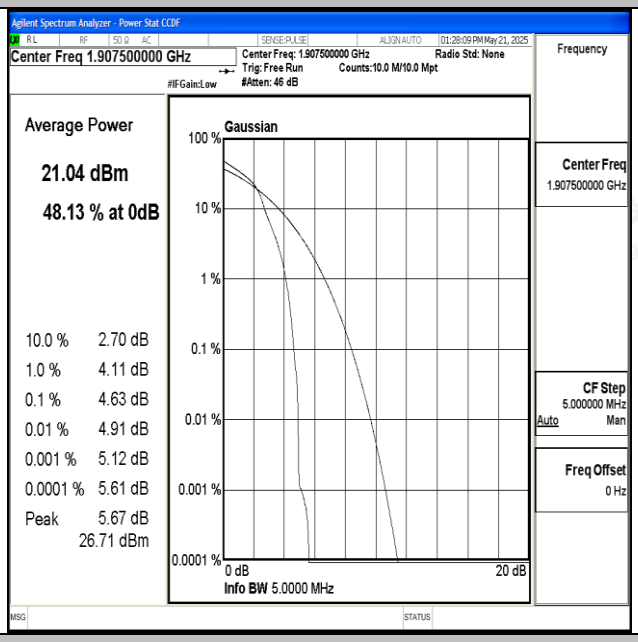

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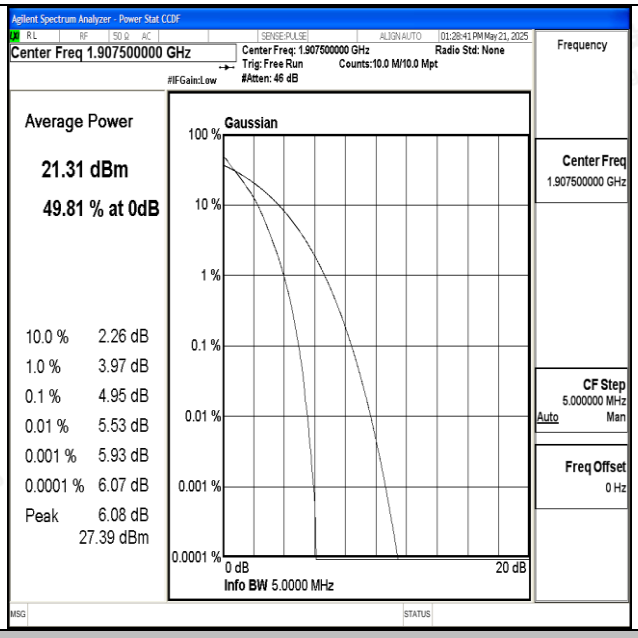

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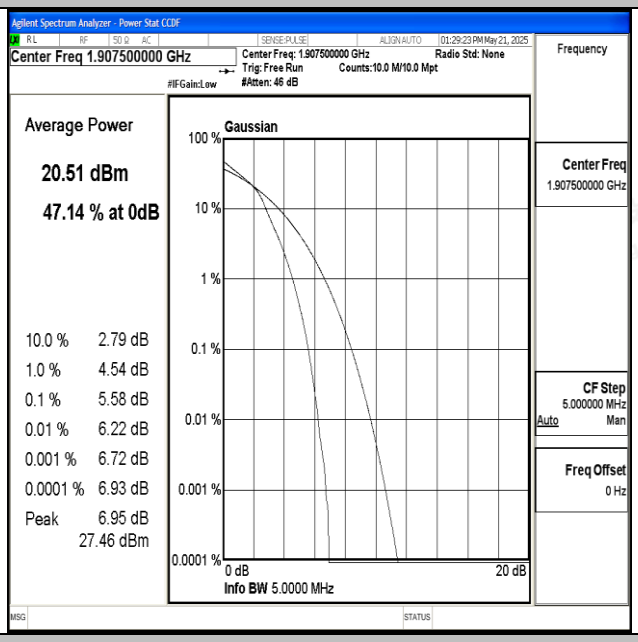

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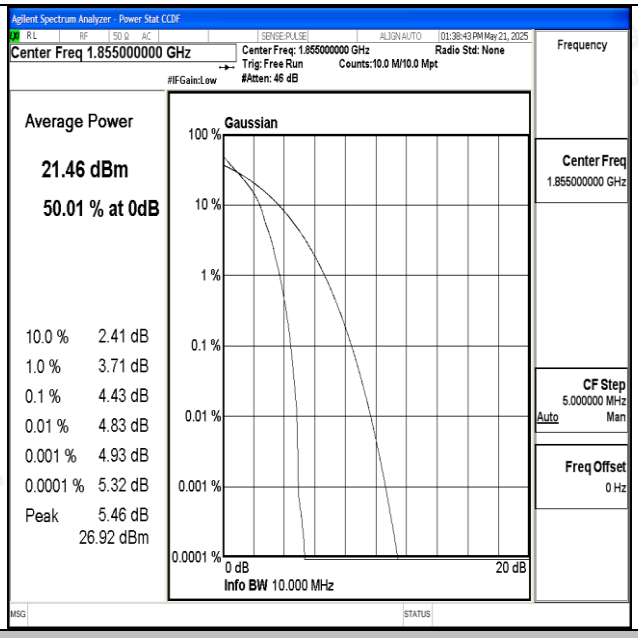
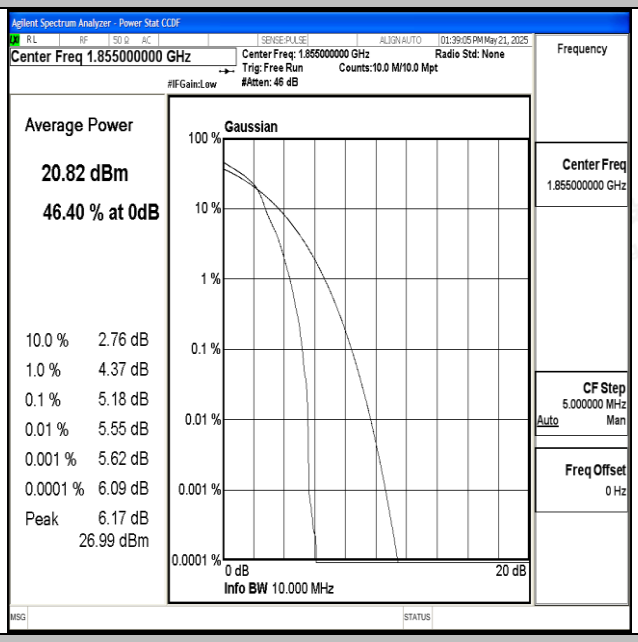


Band2-10MHz-QPSK-18650-1RB#0-PASS



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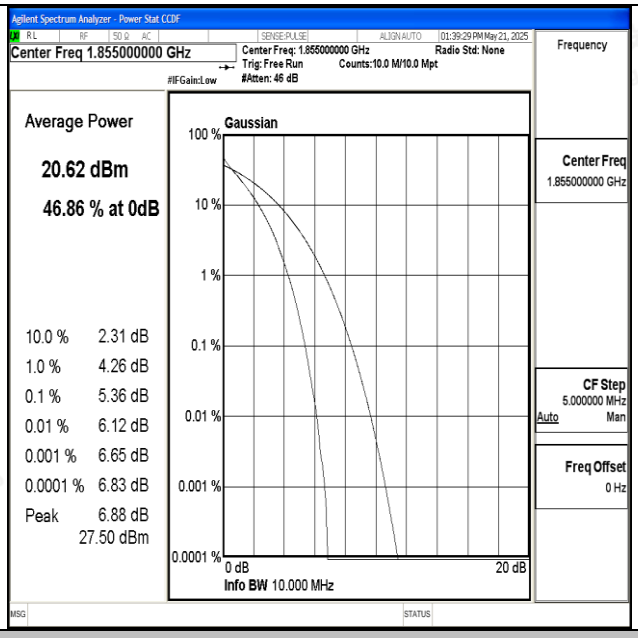

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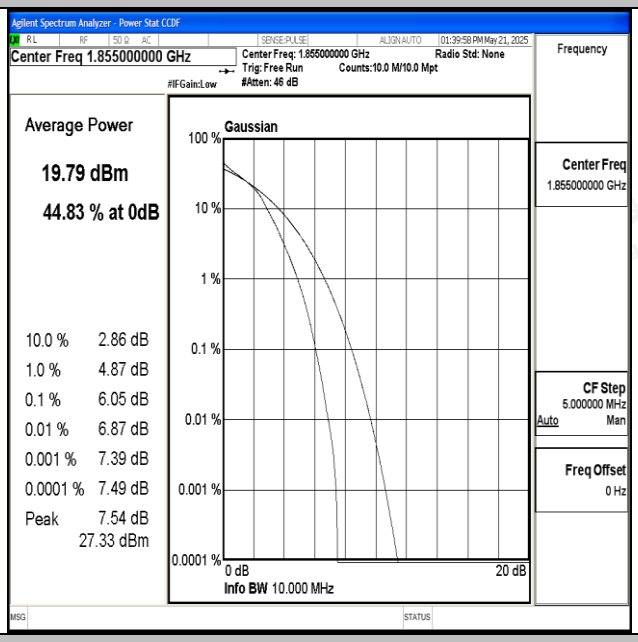

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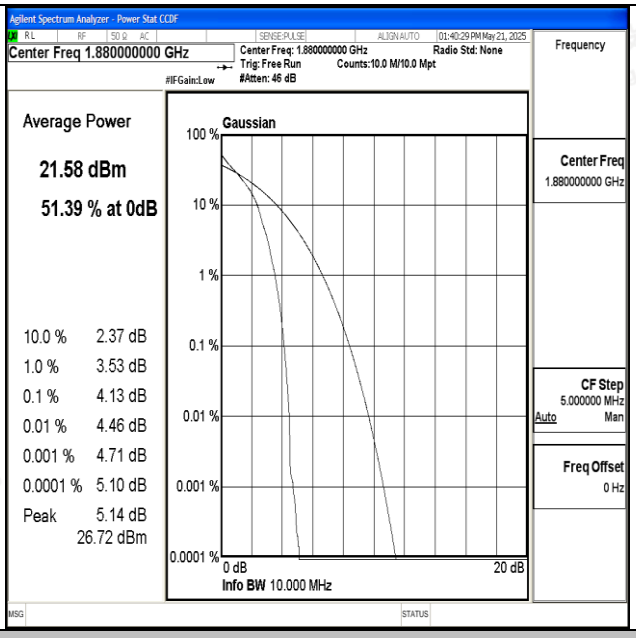
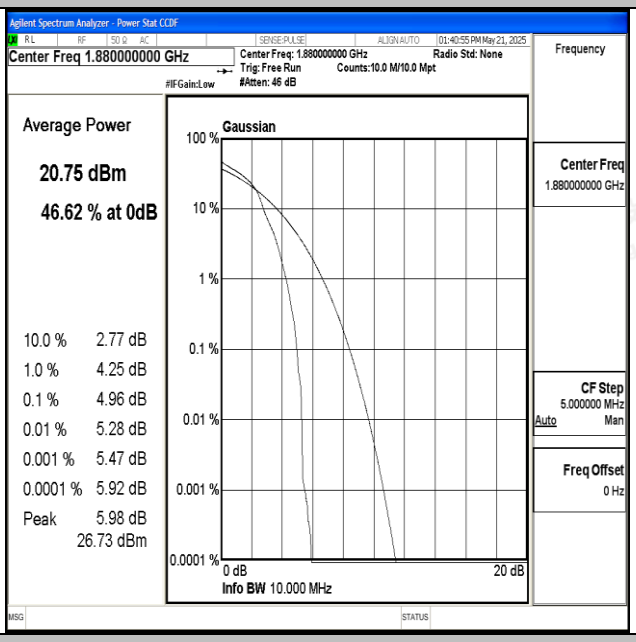


Band2-10MHz-QPSK-18900-1RB#0-PASS



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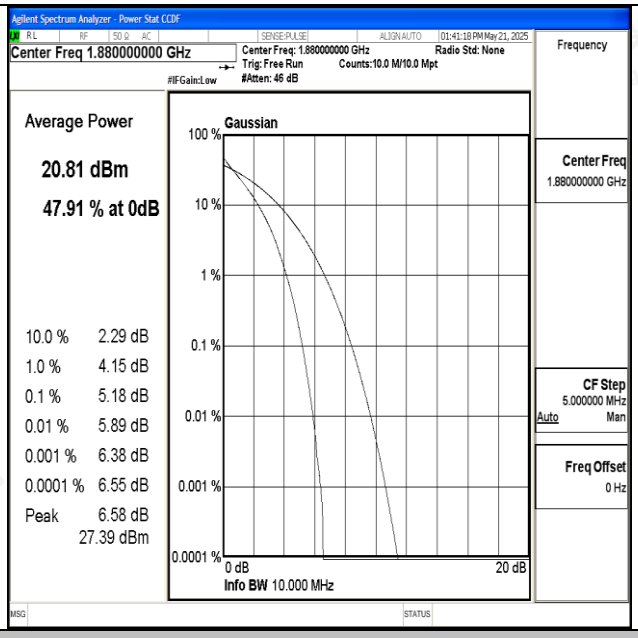

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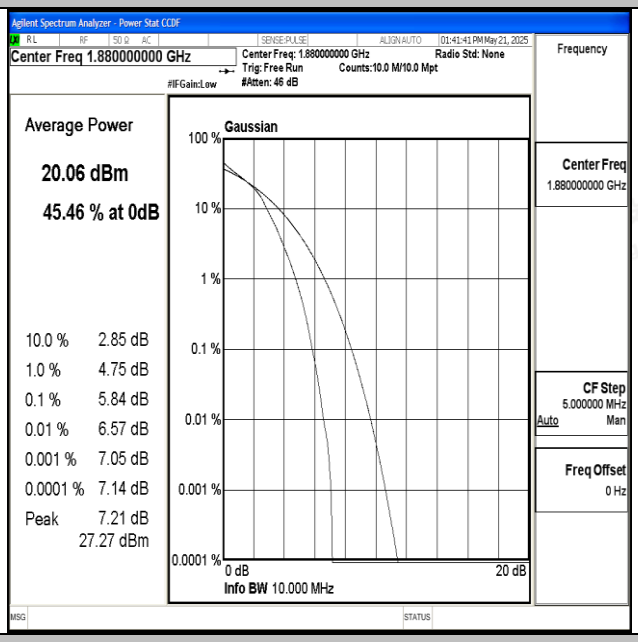
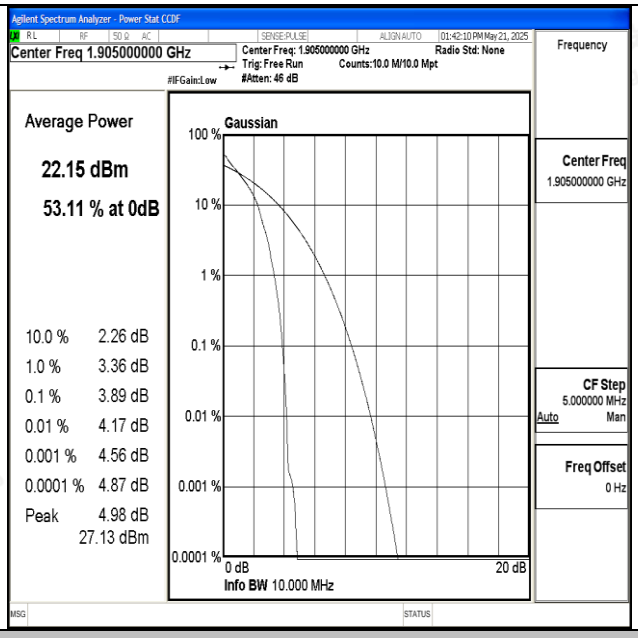
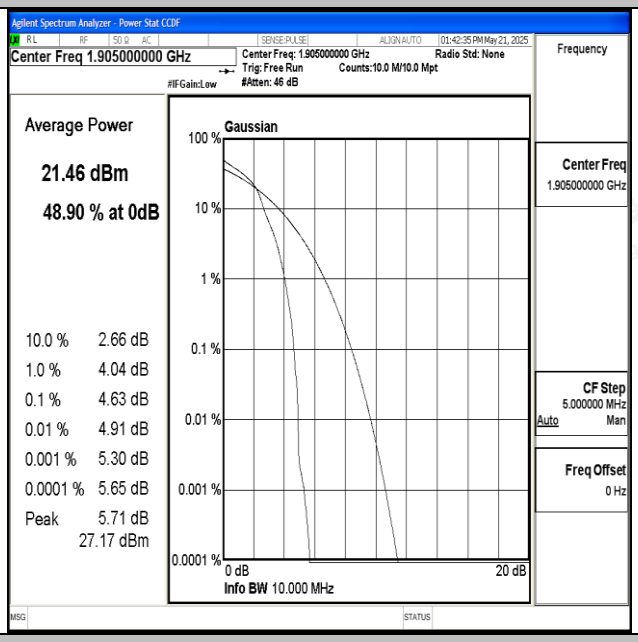


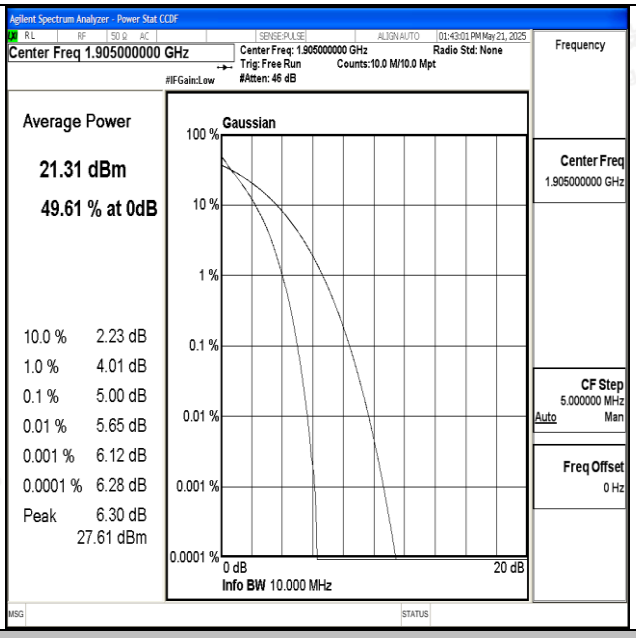
Band2-10MHz-16QAM-18900-50RB#0-PASS



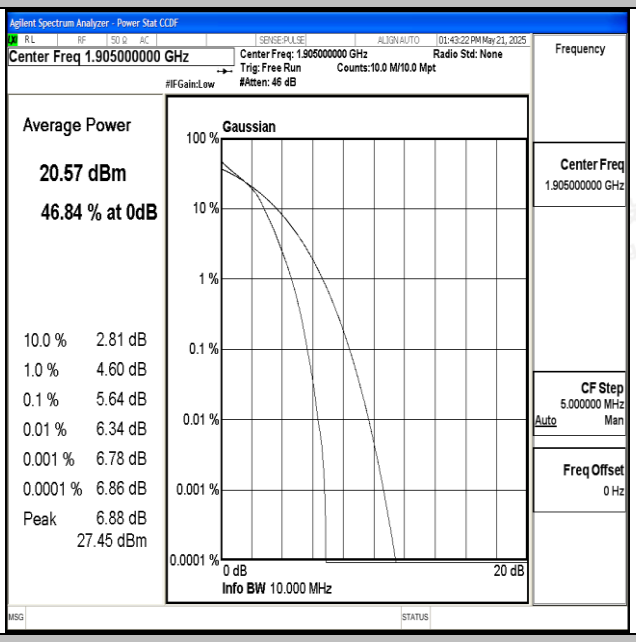
Band2-10MHz-QPSK-19150-1RB#0-PASS



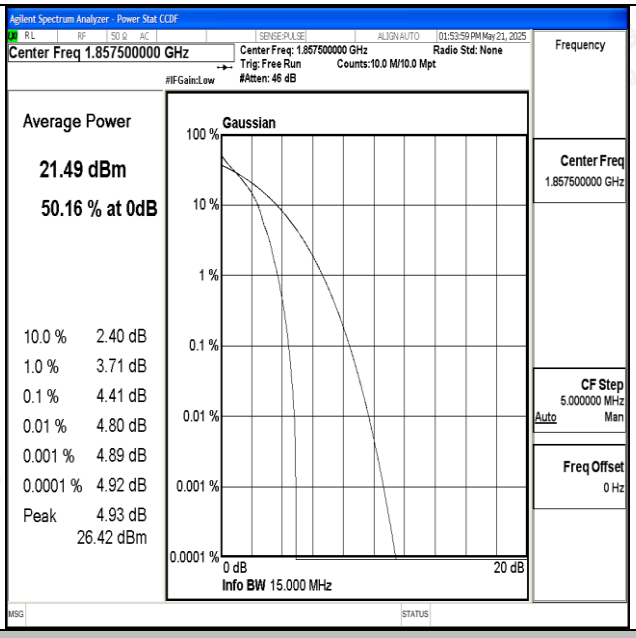
Band2-10MHz-16QAM-19150-1RB#0-PASS



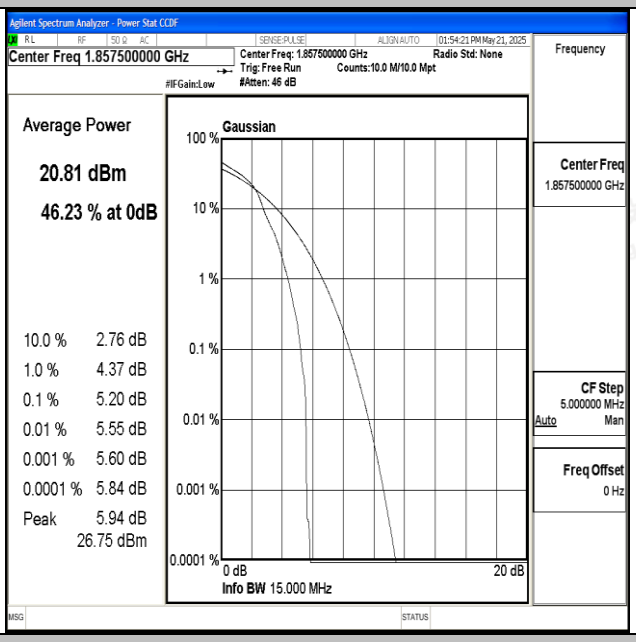
Band2-10MHz-QPSK-19150-50RB#0-PASS



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



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



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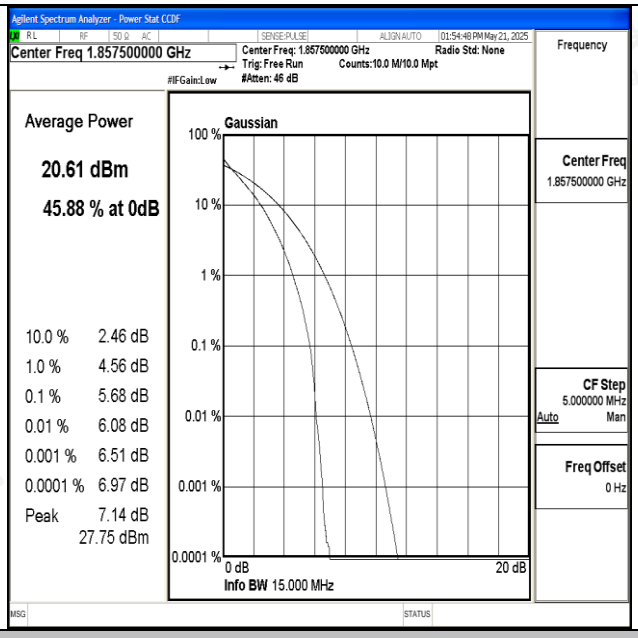

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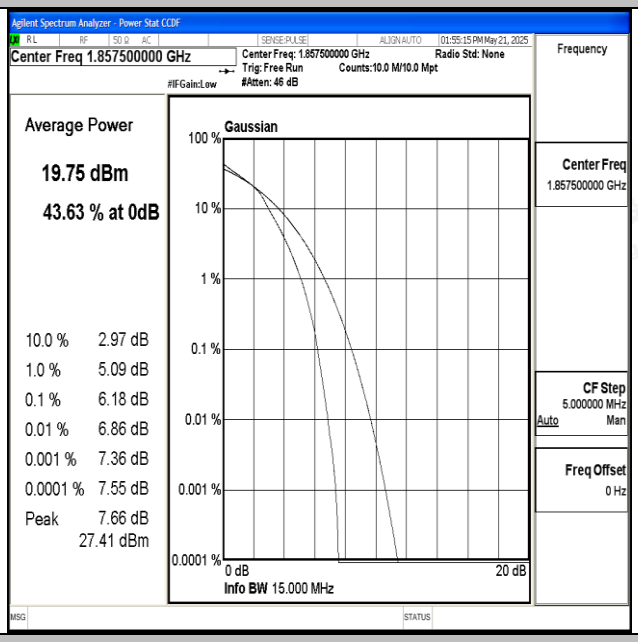
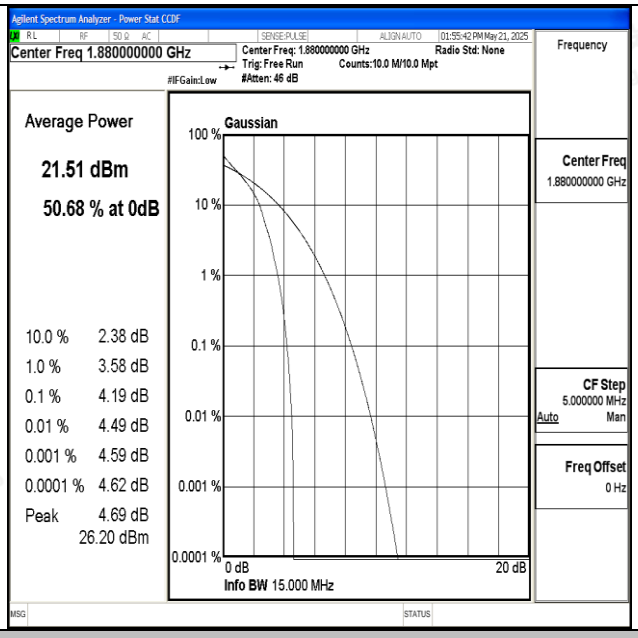
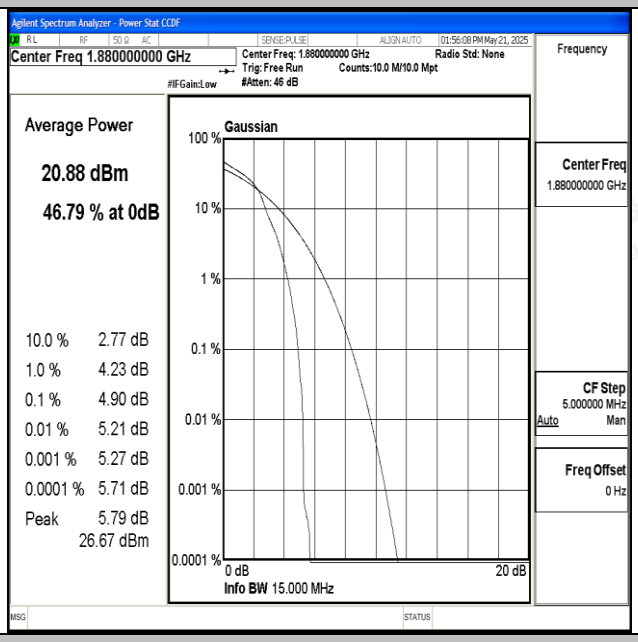


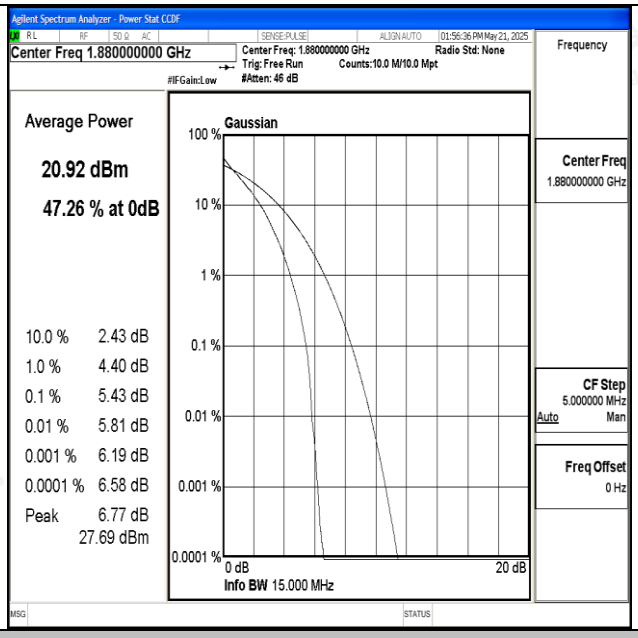
Band2-15MHz-16QAM-18675-75RB#0-PASS



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



Band2-15MHz-16QAM-18900-1RB#0-PASS



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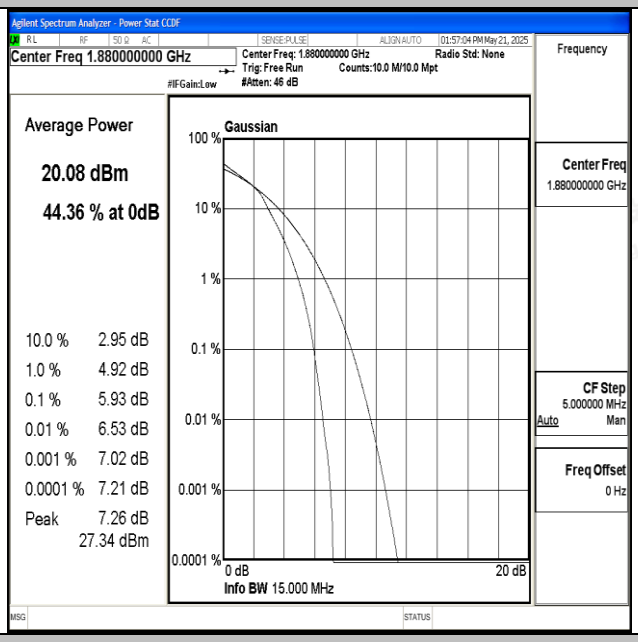
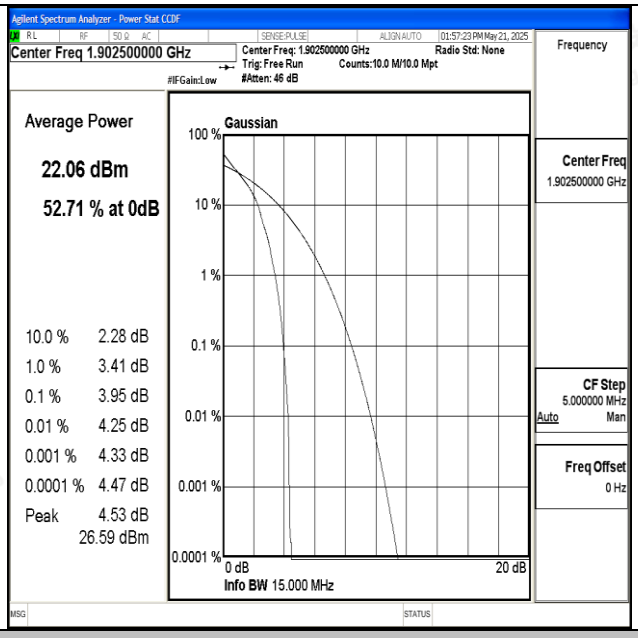
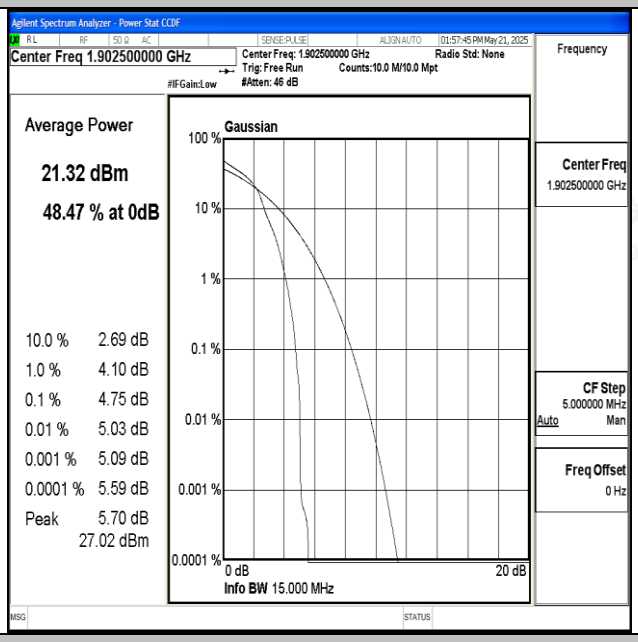


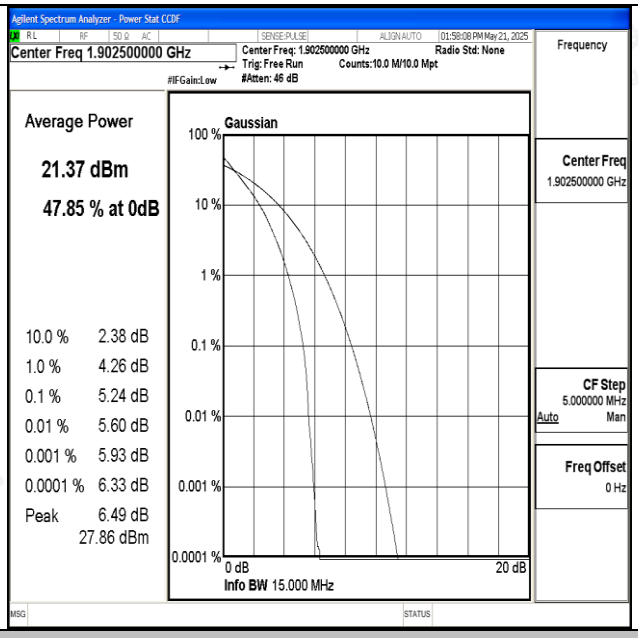
Band2-15MHz-16QAM-18900-75RB#0-PASS



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



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



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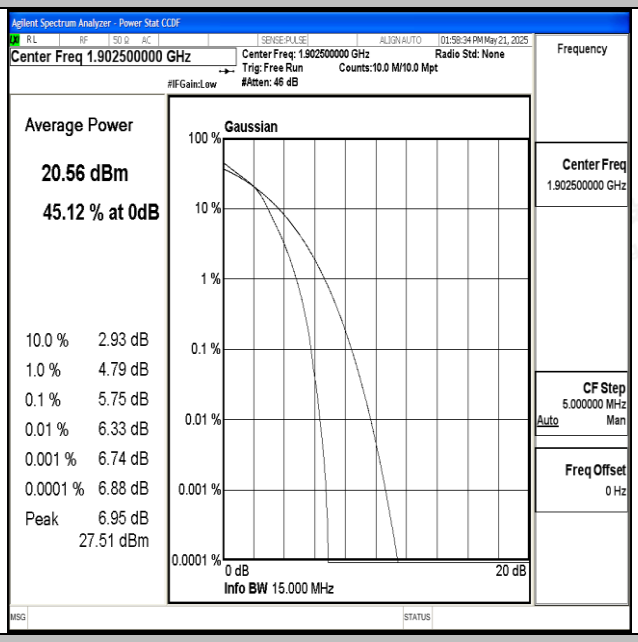

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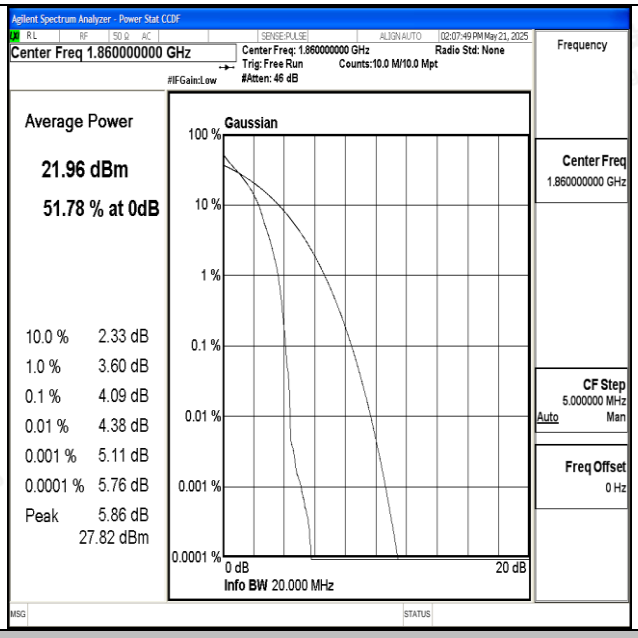
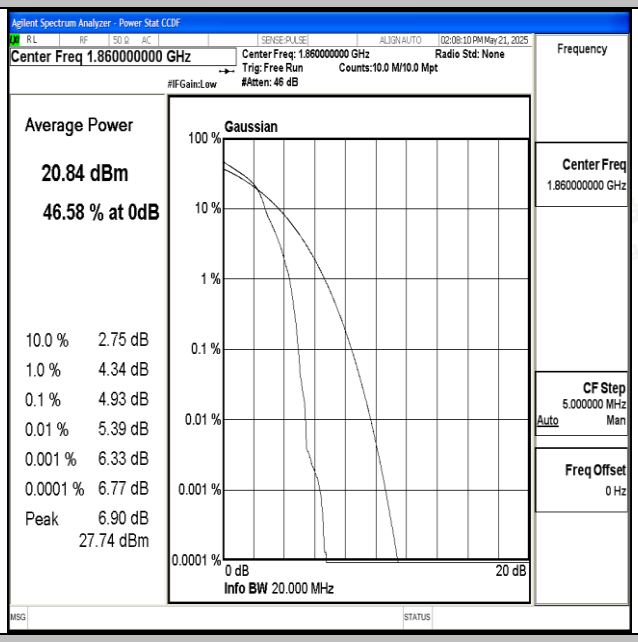


Band2-20MHz-QPSK-18700-1RB#0-PASS



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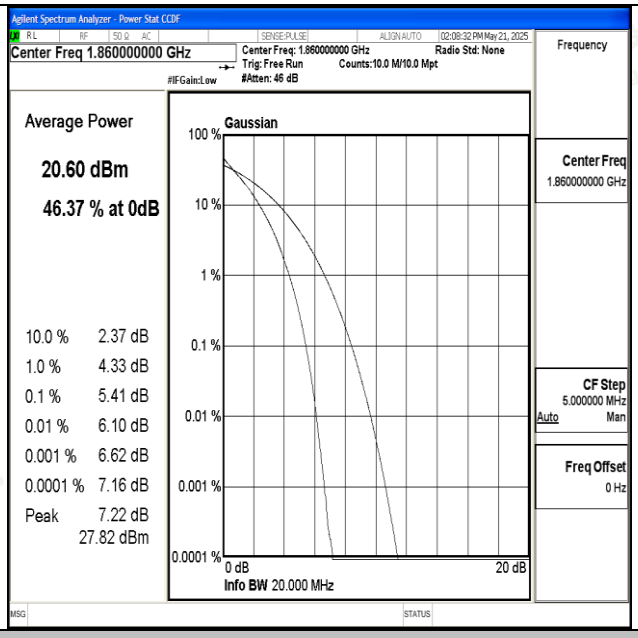
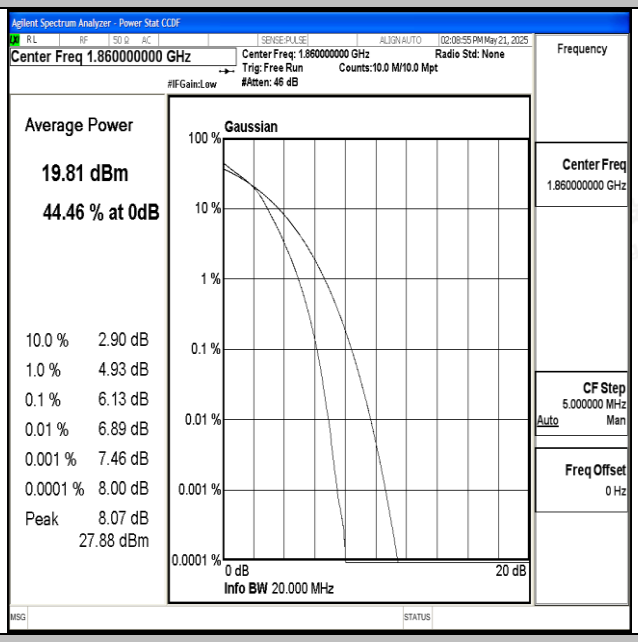


Band2-20MHz-QPSK-18700-100RB#0-PASS



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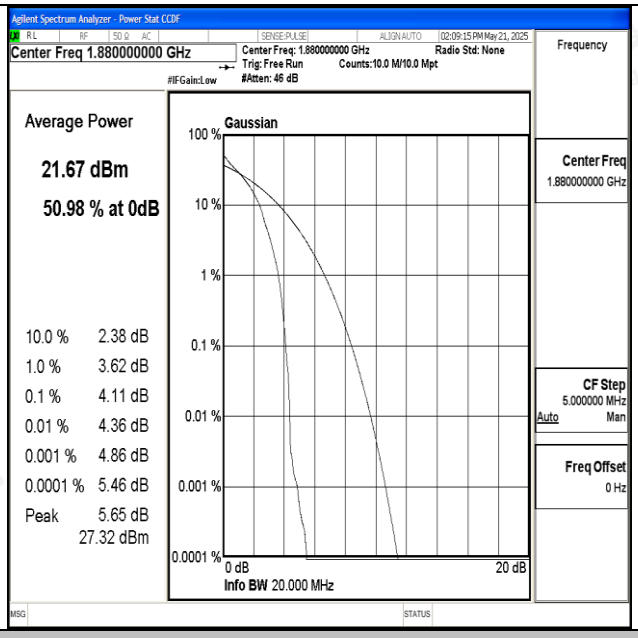
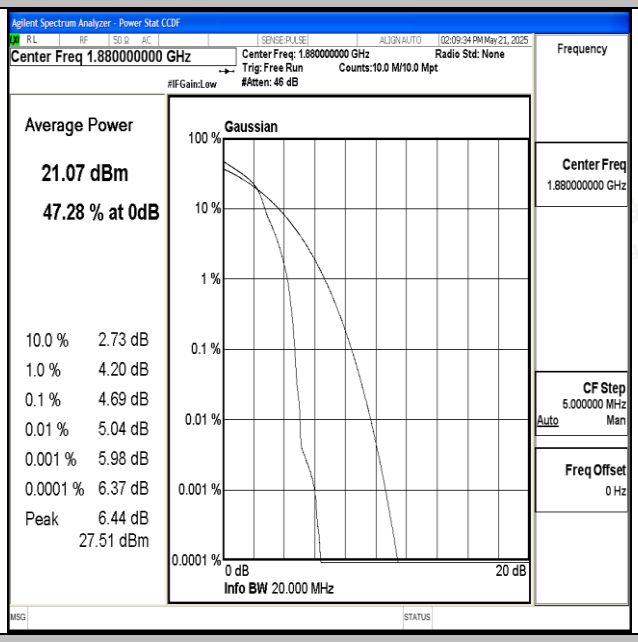


Band2-20MHz-QPSK-18900-1RB#0-PASS



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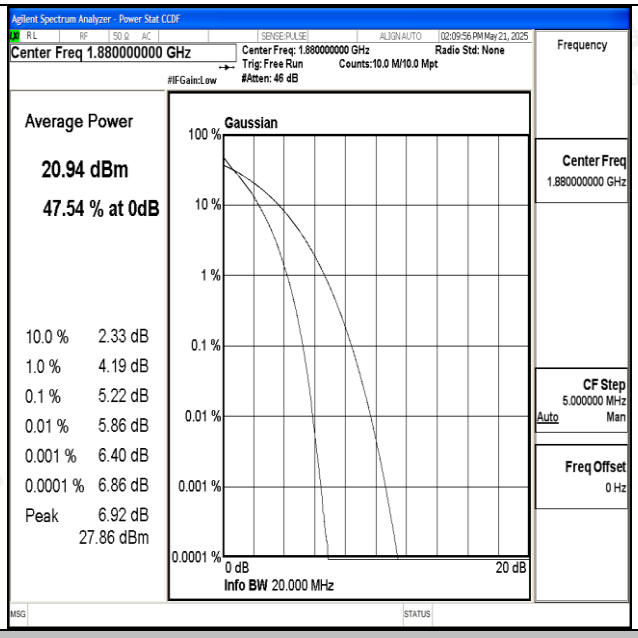

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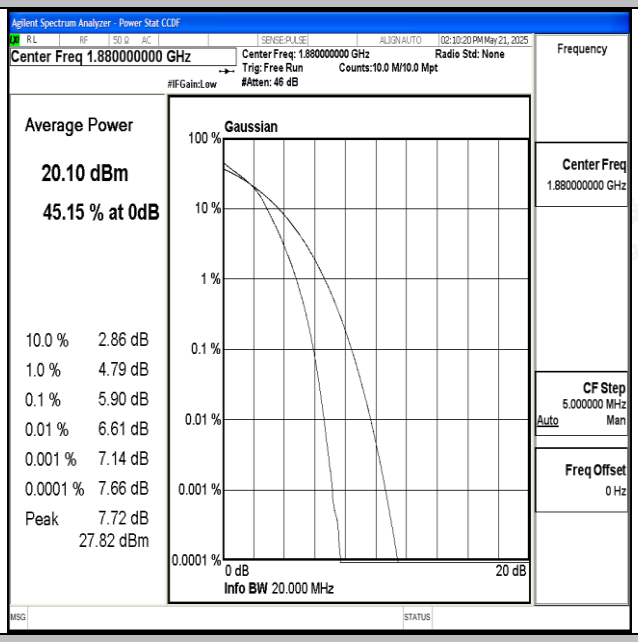
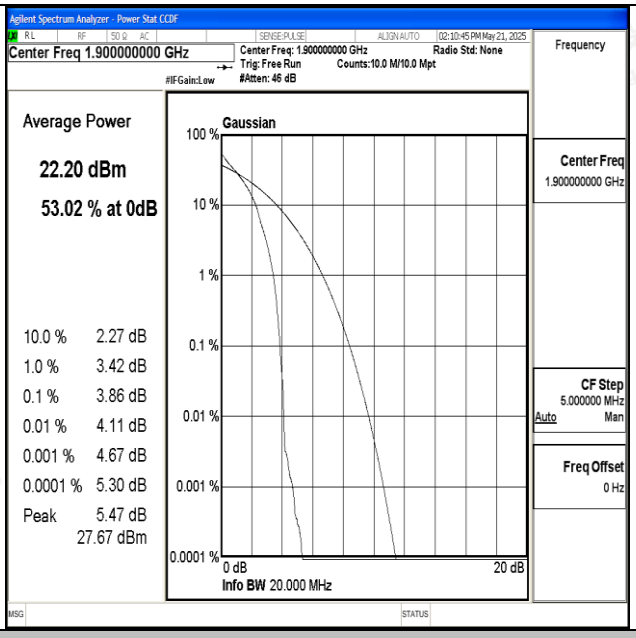
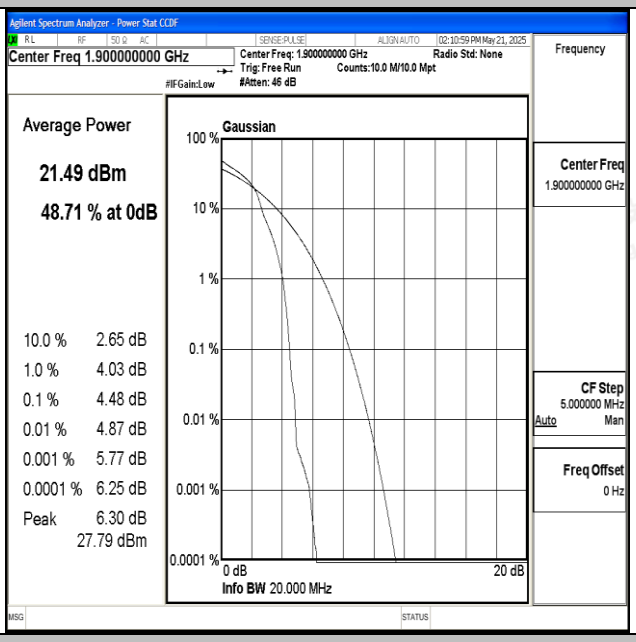


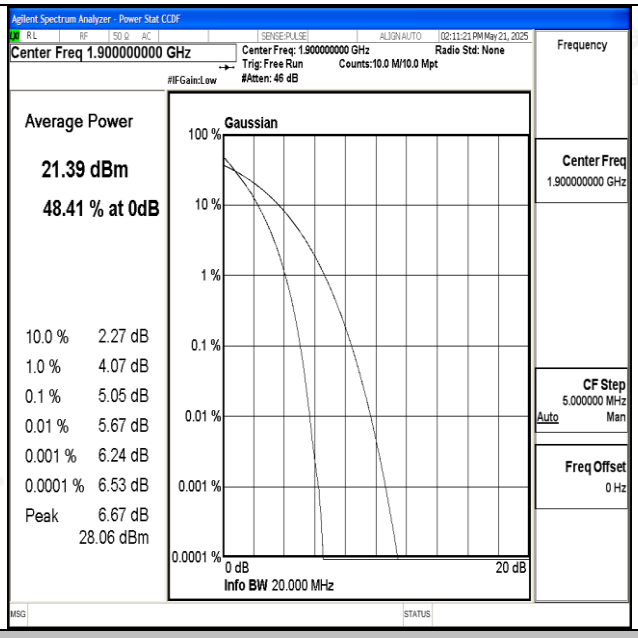
Band2-20MHz-16QAM-18900-100RB#0-PASS



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



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



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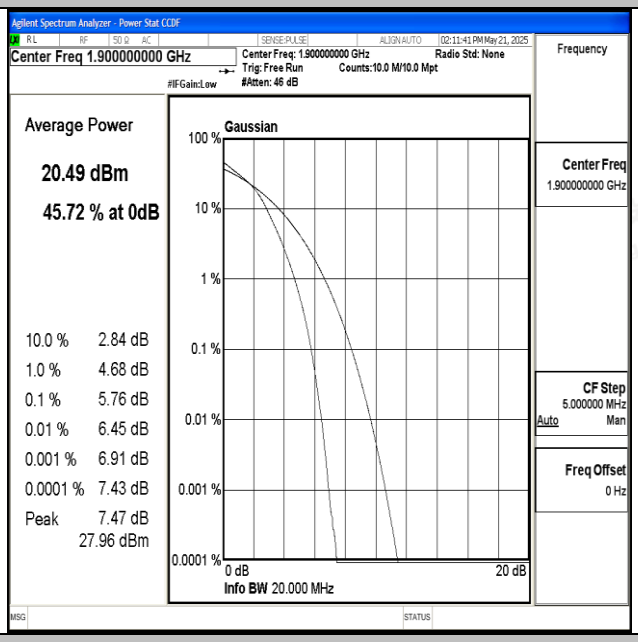


Band2-20MHz-16QAM-19100-100RB#0-PASS

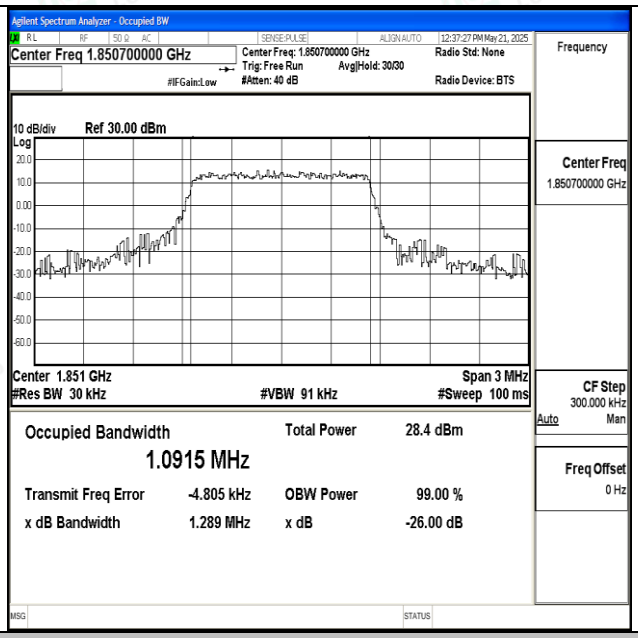
B.3 26dB Bandwidth and Occupied Bandwidth for LTE

Test Result

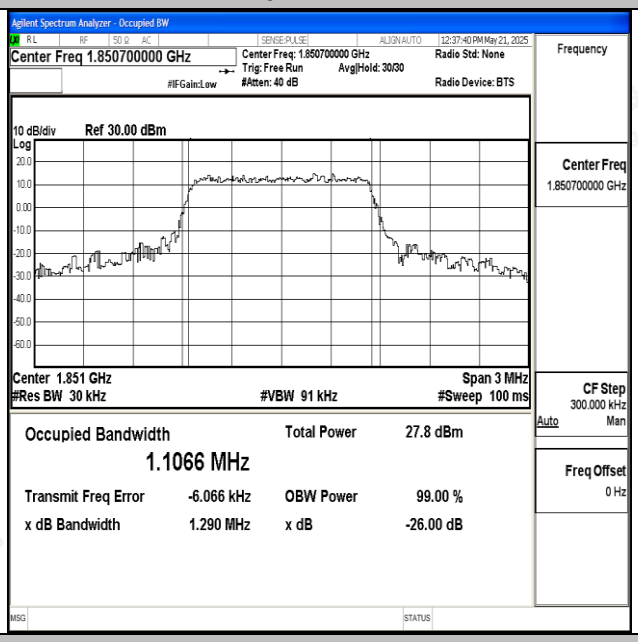
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0915	1.289	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1066	1.290	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0976	1.275	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1045	1.343	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0957	1.294	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1032	1.347	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7693	3.435	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7524	3.305	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7709	3.424	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7458	3.273	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7663	3.433	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7692	3.224	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5168	5.209	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5167	5.252	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5266	5.340	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5160	5.215	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5256	5.335	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5264	5.393	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0049	10.05	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9967	10.16	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0059	10.08	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0026	10.11	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0011	10.11	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9980	9.962	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.526	15.54	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.513	15.03	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.505	15.21	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.512	14.98	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.522	15.17	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.460	14.90	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.997	19.97	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.020	20.25	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.026	20.12	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.054	20.10	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.010	20.10	PASS

Band2	20MHz	16QAM	19100	100RB#0	18.041	20.03	PASS

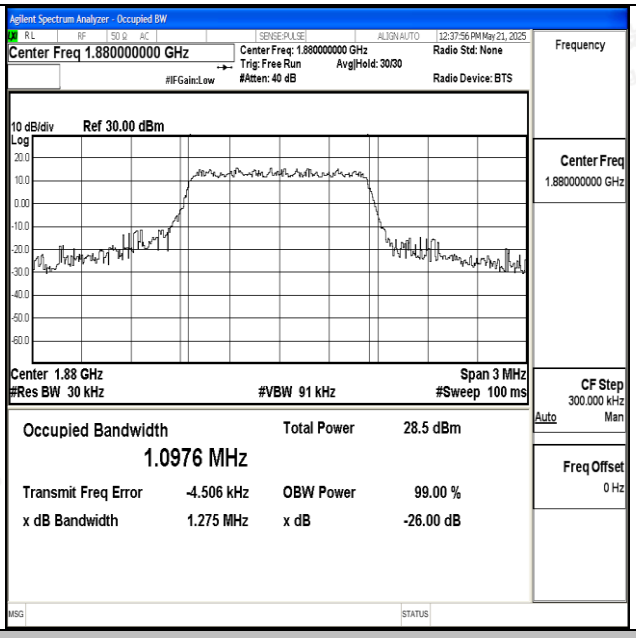
Test Graphs



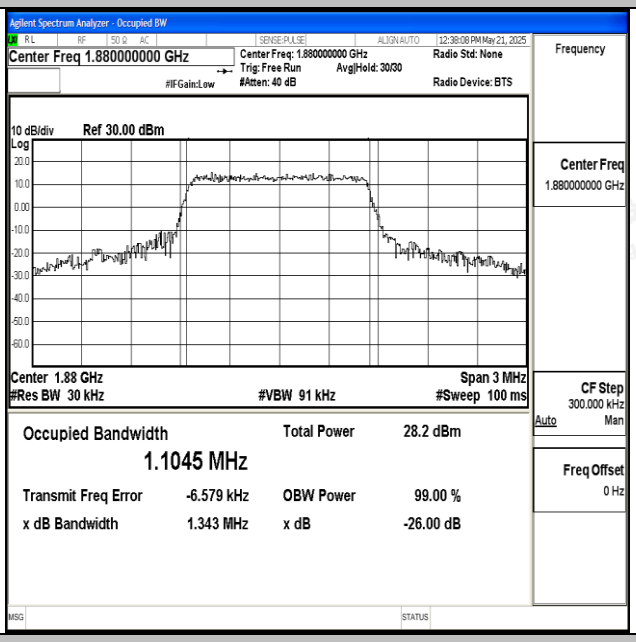
Band2-1.4MHz-QPSK-18607-6RB#0-PASS



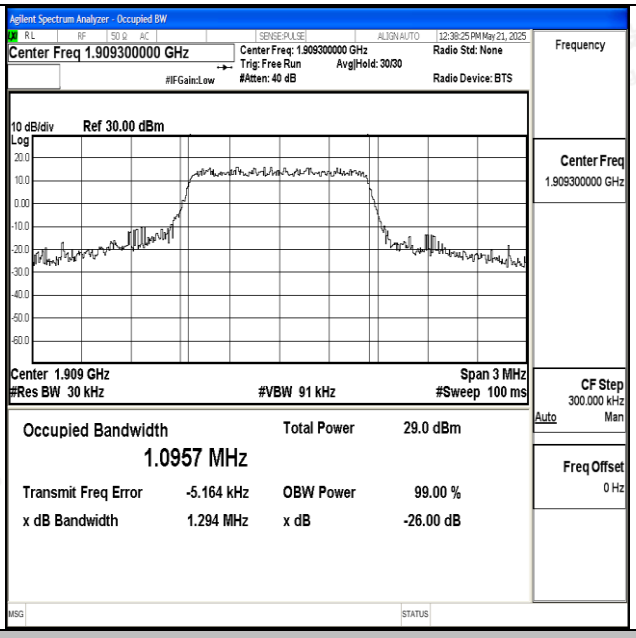
Band2-1.4MHz-16QAM-18607-6RB#0-PASS



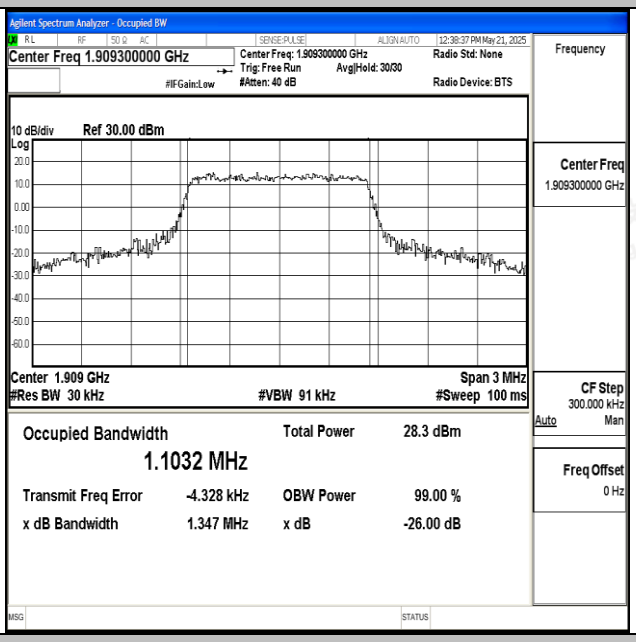
Band2-1.4MHz-QPSK-18900-6RB#0-PASS



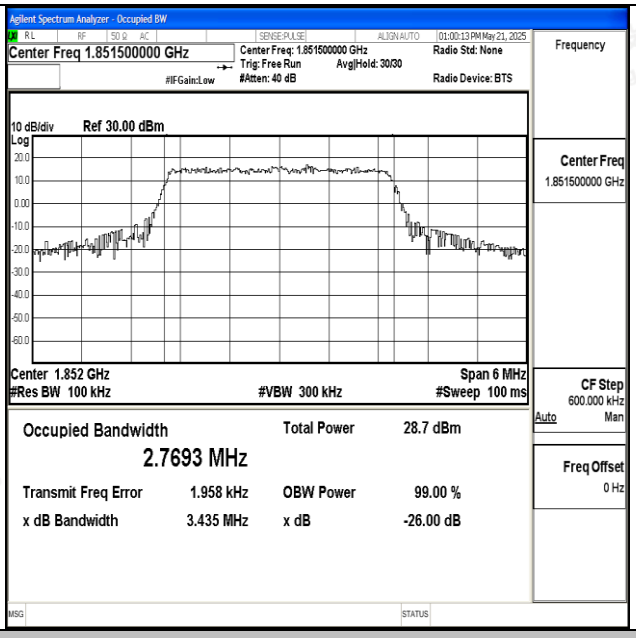
Band2-1.4MHz-16QAM-18900-6RB#0-PASS



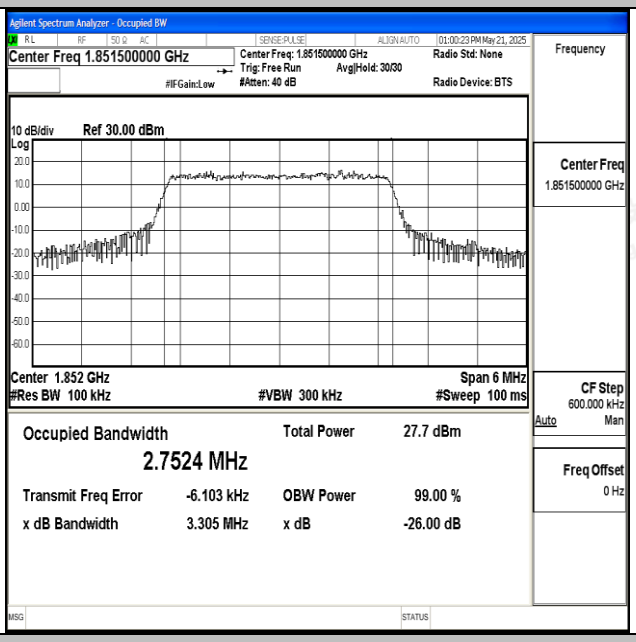
Band2-1.4MHz-QPSK-19193-6RB#0-PASS



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



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



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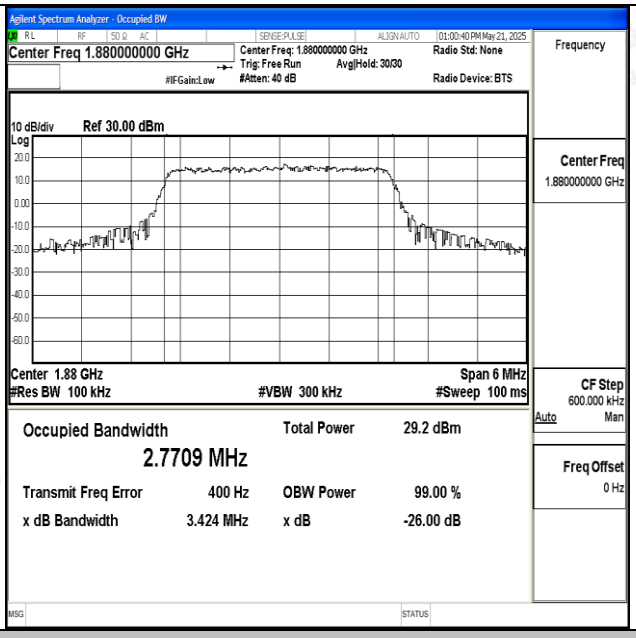
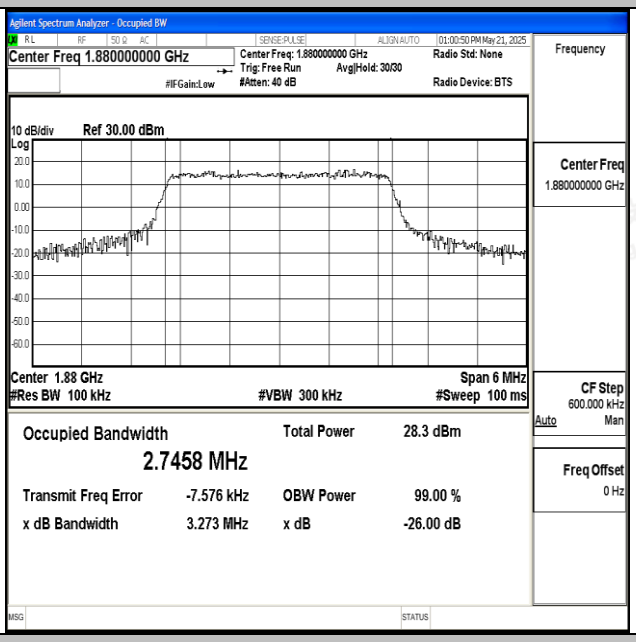


Band2-3MHz-QPSK-18900-15RB#0-PASS



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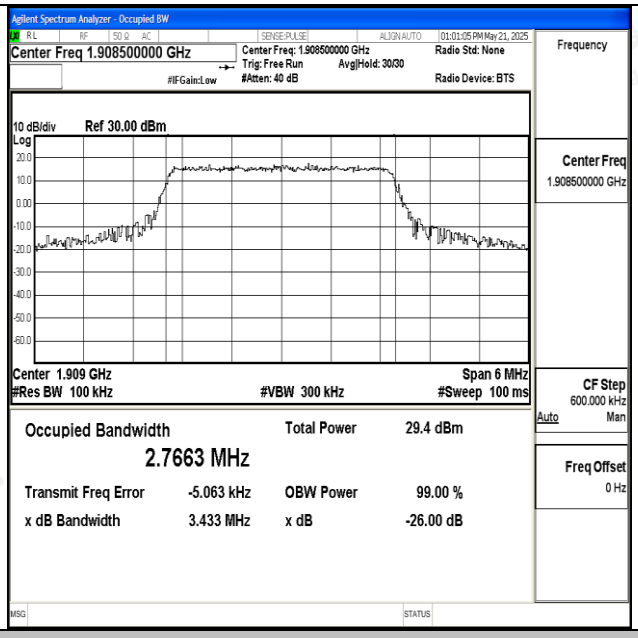

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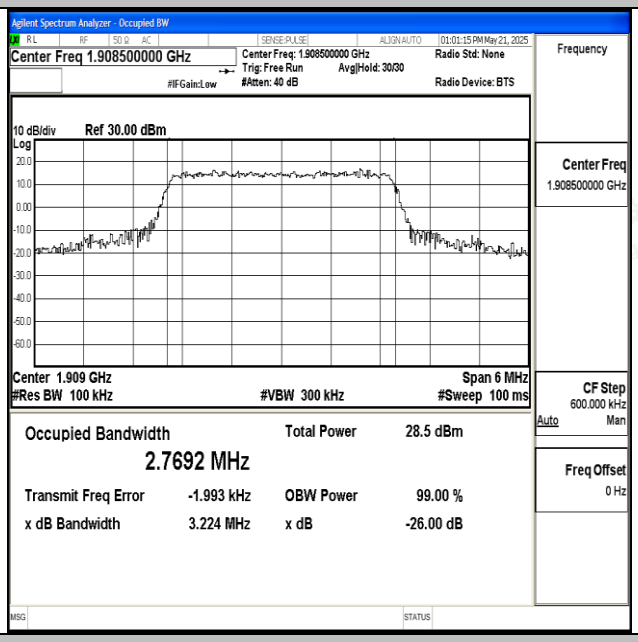
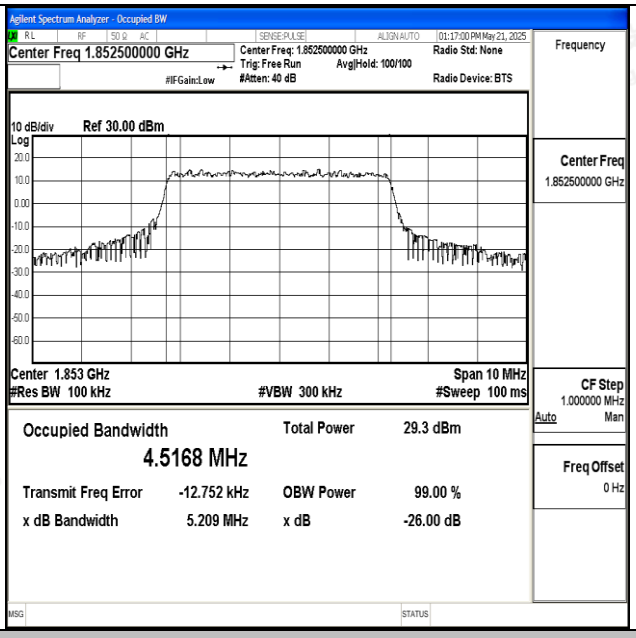


Band2-3MHz-16QAM-19185-15RB#0-PASS



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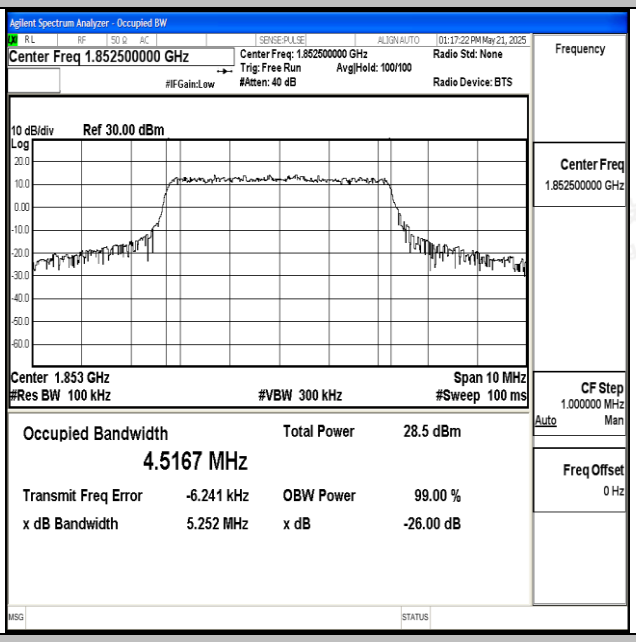
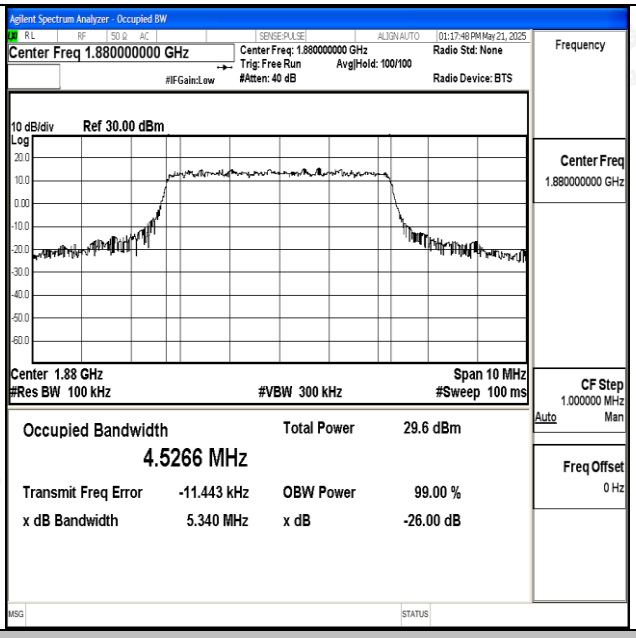
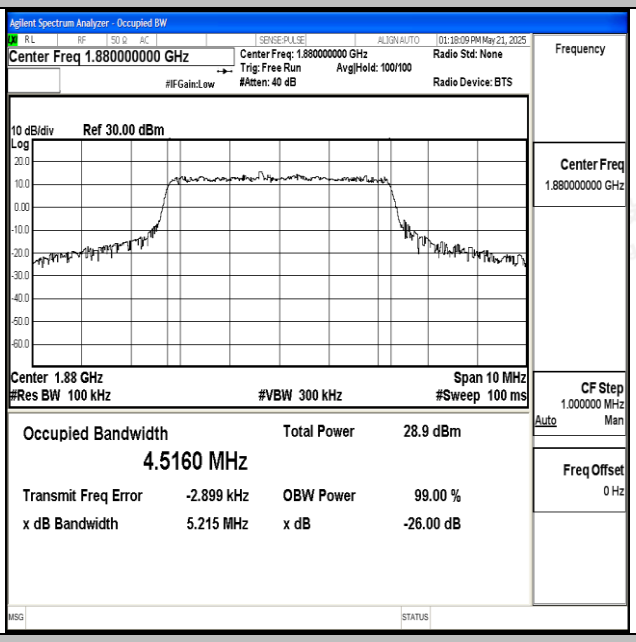


Band2-5MHz-16QAM-18625-25RB#0-PASS



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



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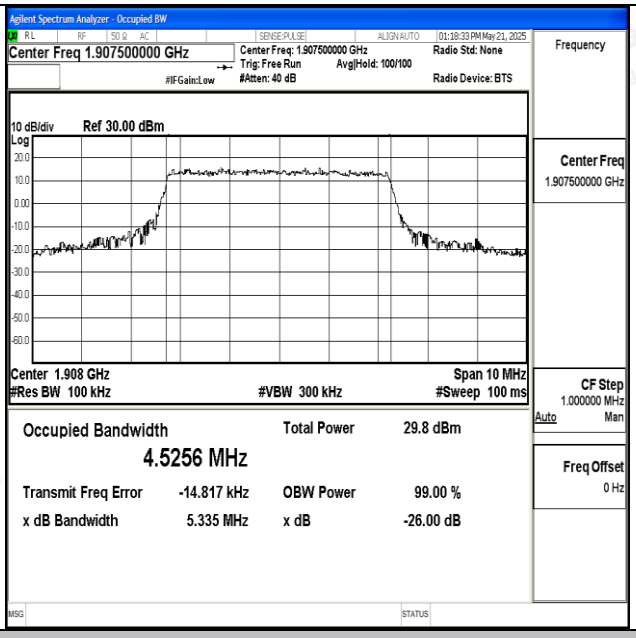

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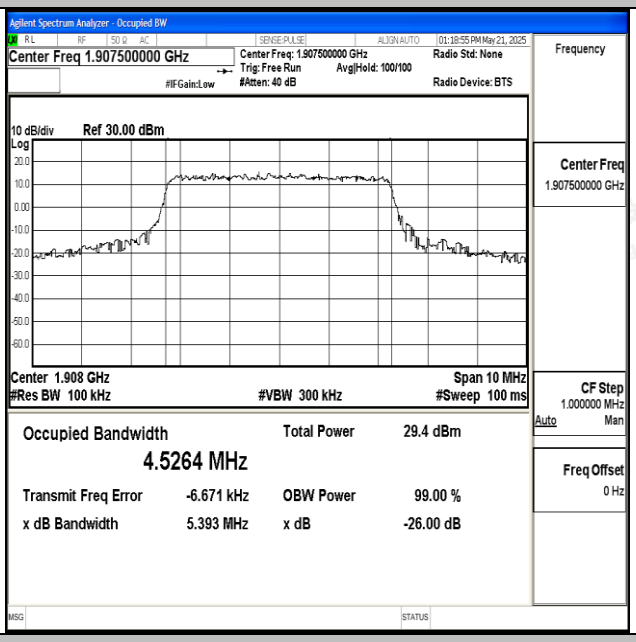
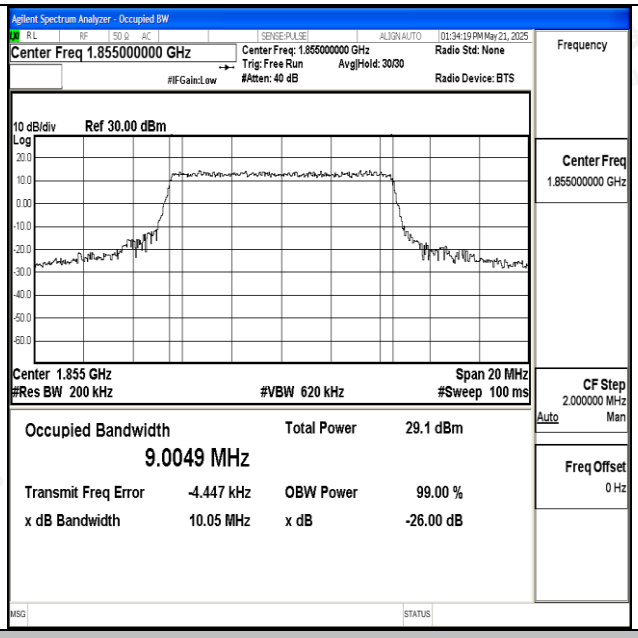
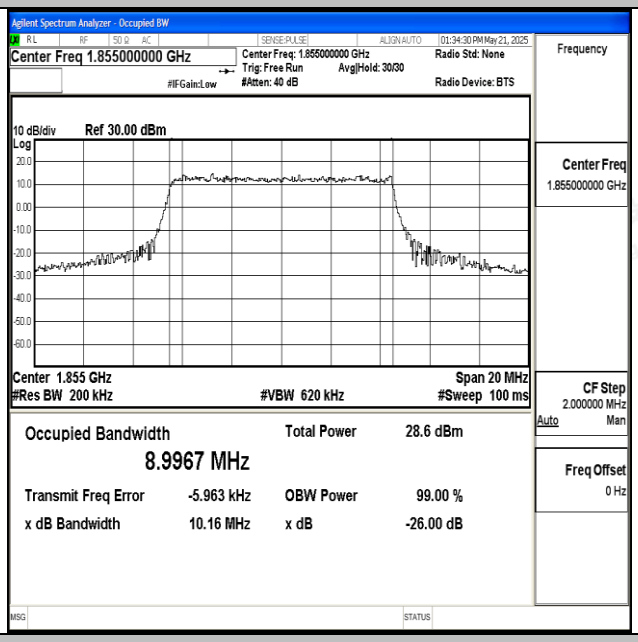


Band2-5MHz-16QAM-19175-25RB#0-PASS



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



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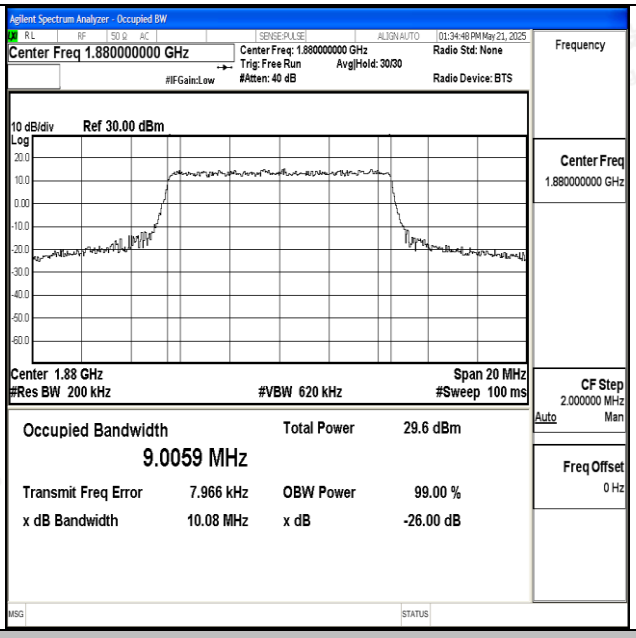
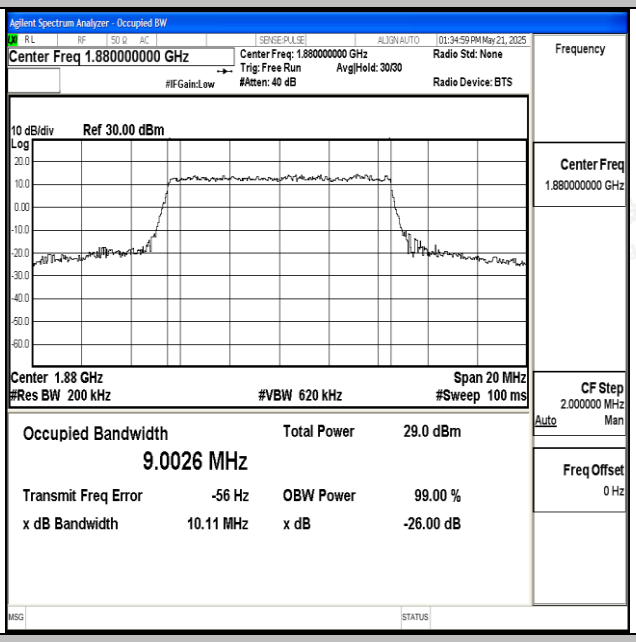


Band2-10MHz-QPSK-18900-50RB#0-PASS



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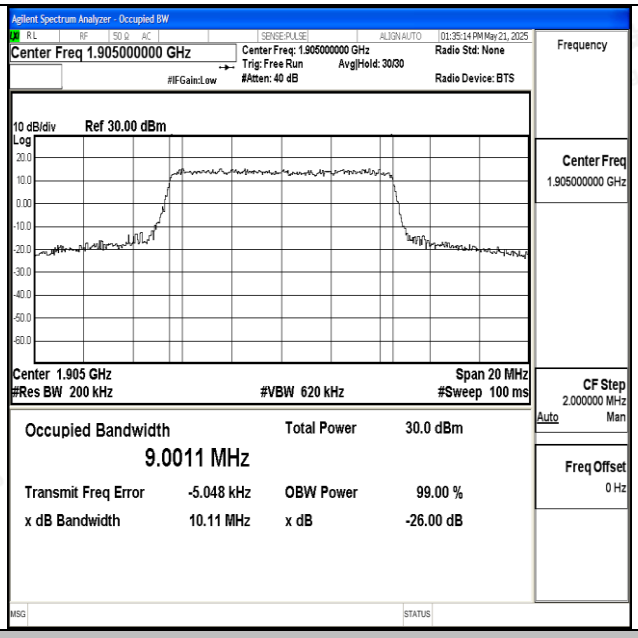
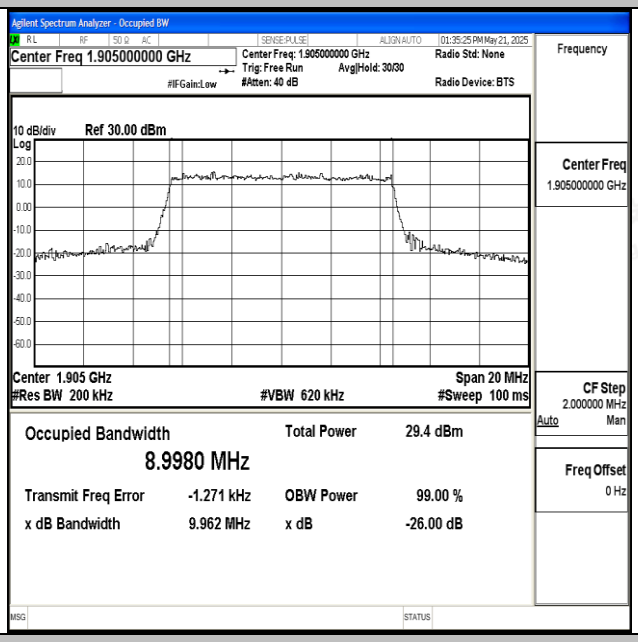
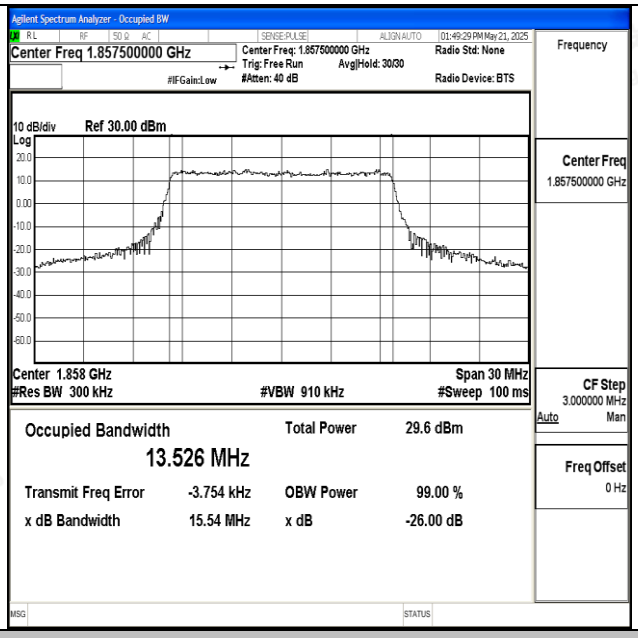


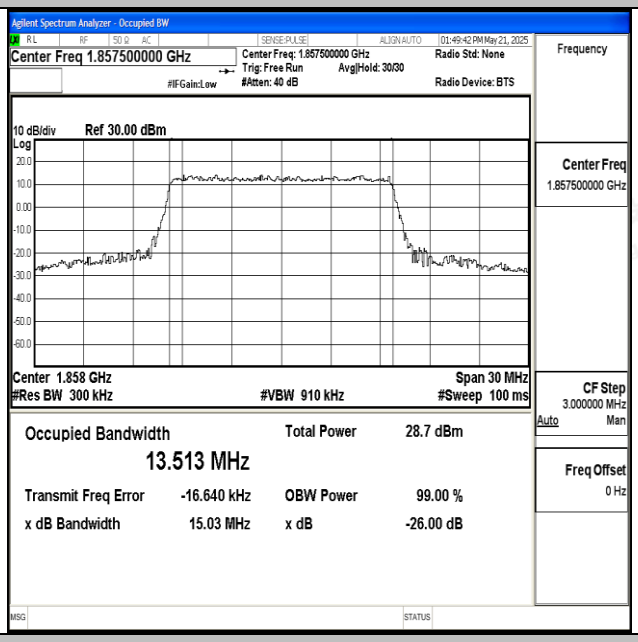
Band2-10MHz-QPSK-19150-50RB#0-PASS



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



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



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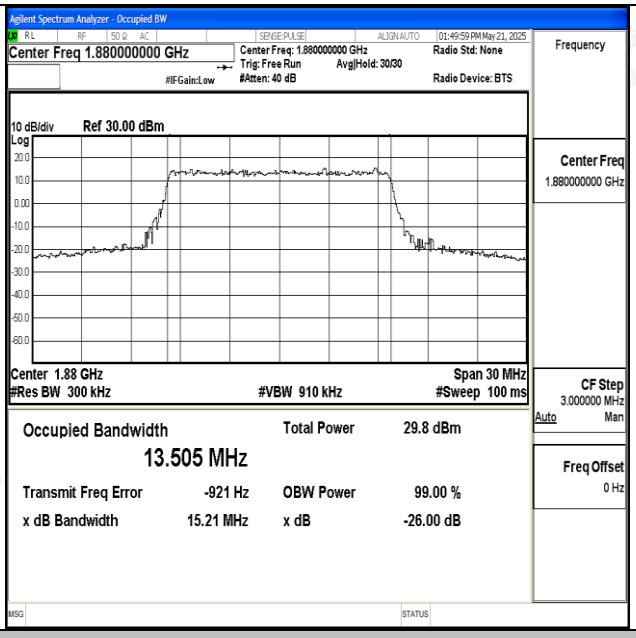

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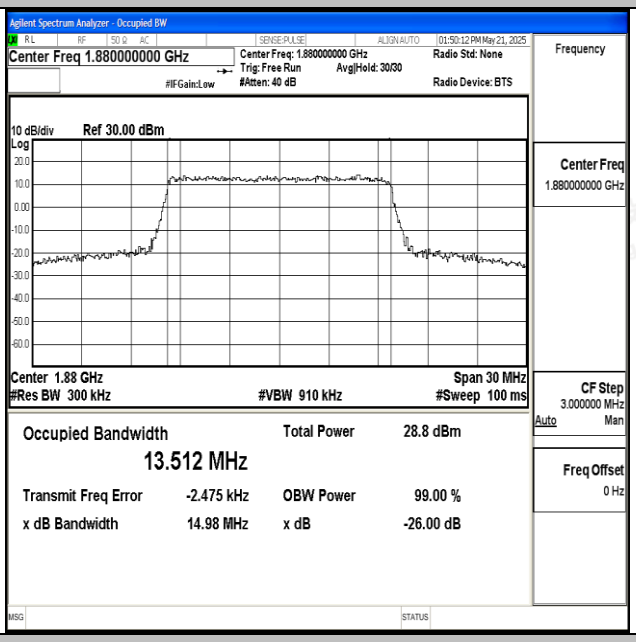

Band2-15MHz-16QAM-18900-75RB#0-PASS