

LTE - Bnad2 RF Test Data

Product Name: Cloud Speaker

Test Model: CS20-1

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	E.I.R.P. (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	26.10	27.61	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	26.27	27.78	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	26.12	27.63	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	26.17	27.68	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	26.17	27.68	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	26.23	27.74	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	26.17	27.68	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	26.06	27.57	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	26.19	27.7	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	26.03	27.54	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	26.15	27.66	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	26.15	27.66	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	26.18	27.69	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	26.13	27.64	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.46	25.97	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.67	26.18	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.55	26.06	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	24.60	26.11	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	24.58	26.09	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.69	26.2	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	24.66	26.17	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	25.96	27.47	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	26.18	27.69	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	26.05	27.56	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	25.94	27.45	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	25.95	27.46	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	26.00	27.51	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	26.07	27.58	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	26.06	27.57	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	26.23	27.74	PASS



Band2	1.4MHz	16QAM	18900	1RB#5	26.08	27.59	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	25.99	27.5	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	25.99	27.5	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	26.00	27.51	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	25.95	27.46	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	24.27	25.78	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	24.51	26.02	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	24.38	25.89	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	24.29	25.8	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	24.28	25.79	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	24.38	25.89	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	24.50	26.01	PASS
Band2	3MHz	QPSK	18615	1RB#0	26.02	27.53	PASS
Band2	3MHz	QPSK	18615	1RB#8	26.24	27.75	PASS
Band2	3MHz	QPSK	18615	1RB#14	26.17	27.68	PASS
Band2	3MHz	QPSK	18615	8RB#0	26.23	27.74	PASS
Band2	3MHz	QPSK	18615	8RB#4	26.23	27.74	PASS
Band2	3MHz	QPSK	18615	8RB#7	26.32	27.83	PASS
Band2	3MHz	QPSK	18615	15RB#0	26.30	27.81	PASS
Band2	3MHz	QPSK	18900	1RB#0	26.07	27.58	PASS
Band2	3MHz	QPSK	18900	1RB#8	26.21	27.72	PASS
Band2	3MHz	QPSK	18900	1RB#14	26.06	27.57	PASS
Band2	3MHz	QPSK	18900	8RB#0	26.19	27.7	PASS
Band2	3MHz	QPSK	18900	8RB#4	26.19	27.7	PASS
Band2	3MHz	QPSK	18900	8RB#7	26.23	27.74	PASS
Band2	3MHz	QPSK	18900	15RB#0	26.22	27.73	PASS
Band2	3MHz	QPSK	19185	1RB#0	25.54	27.05	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.61	26.12	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.65	26.16	PASS
Band2	3MHz	QPSK	19185	8RB#0	25.40	26.91	PASS
Band2	3MHz	QPSK	19185	8RB#4	25.41	26.92	PASS
Band2	3MHz	QPSK	19185	8RB#7	24.75	26.26	PASS
Band2	3MHz	QPSK	19185	15RB#0	24.94	26.45	PASS
Band2	3MHz	16QAM	18615	1RB#0	26.04	27.55	PASS
Band2	3MHz	16QAM	18615	1RB#8	26.29	27.8	PASS
Band2	3MHz	16QAM	18615	1RB#14	26.23	27.74	PASS



Band2	3MHz	16QAM	18615	8RB#0	26.12	27.63	PASS
Band2	3MHz	16QAM	18615	8RB#4	26.12	27.63	PASS
Band2	3MHz	16QAM	18615	8RB#7	26.20	27.58	PASS
Band2	3MHz	16QAM	18615	15RB#0	26.18	27.75	PASS
Band2	3MHz	16QAM	18900	1RB#0	26.07	27.61	PASS
Band2	3MHz	16QAM	18900	1RB#8	26.24	27.61	PASS
Band2	3MHz	16QAM	18900	1RB#14	26.10	27.61	PASS
Band2	3MHz	16QAM	18900	8RB#0	26.10	27.64	PASS
Band2	3MHz	16QAM	18900	8RB#4	26.10	27.58	PASS
Band2	3MHz	16QAM	18900	8RB#7	26.13	26.87	PASS
Band2	3MHz	16QAM	18900	15RB#0	26.07	25.97	PASS
Band2	3MHz	16QAM	19185	1RB#0	25.36	26.02	PASS
Band2	3MHz	16QAM	19185	1RB#8	24.46	26.8	PASS
Band2	3MHz	16QAM	19185	1RB#14	24.51	26.79	PASS
Band2	3MHz	16QAM	19185	8RB#0	25.29	26.12	PASS
Band2	3MHz	16QAM	19185	8RB#4	25.28	26.28	PASS
Band2	3MHz	16QAM	19185	8RB#7	24.61	27.33	PASS
Band2	3MHz	16QAM	19185	15RB#0	24.77	27.93	PASS
Band2	5MHz	QPSK	18625	1RB#0	25.82	27.64	PASS
Band2	5MHz	QPSK	18625	1RB#12	26.42	27.75	PASS
Band2	5MHz	QPSK	18625	1RB#24	26.13	27.74	PASS
Band2	5MHz	QPSK	18625	12RB#0	26.24	27.92	PASS
Band2	5MHz	QPSK	18625	12RB#6	26.23	27.84	PASS
Band2	5MHz	QPSK	18625	12RB#13	26.41	27.32	PASS
Band2	5MHz	QPSK	18625	25RB#0	26.33	27.84	PASS
Band2	5MHz	QPSK	18900	1RB#0	25.81	27.27	PASS
Band2	5MHz	QPSK	18900	1RB#12	26.33	27.6	PASS
Band2	5MHz	QPSK	18900	1RB#24	25.76	27.6	PASS
Band2	5MHz	QPSK	18900	12RB#0	26.09	27.64	PASS
Band2	5MHz	QPSK	18900	12RB#6	26.09	27.64	PASS
Band2	5MHz	QPSK	18900	12RB#13	26.13	26.95	PASS
Band2	5MHz	QPSK	18900	25RB#0	26.13	27.06	PASS
Band2	5MHz	QPSK	19175	1RB#0	25.44	25.9	PASS
Band2	5MHz	QPSK	19175	1RB#12	25.55	27.12	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.39	27.12	PASS
Band2	5MHz	QPSK	19175	12RB#0	25.61	26.3	PASS



Band2	5MHz	QPSK	19175	12RB#6	25.61	26.9	PASS
Band2	5MHz	QPSK	19175	12RB#13	24.79	27.63	PASS
Band2	5MHz	QPSK	19175	25RB#0	25.39	27.63	PASS
Band2	5MHz	16QAM	18625	1RB#0	25.70	27.21	PASS
Band2	5MHz	16QAM	18625	1RB#12	26.28	27.79	PASS
Band2	5MHz	16QAM	18625	1RB#24	26.04	27.55	PASS
Band2	5MHz	16QAM	18625	12RB#0	26.09	27.6	PASS
Band2	5MHz	16QAM	18625	12RB#6	26.09	27.6	PASS
Band2	5MHz	16QAM	18625	12RB#13	26.26	27.77	PASS
Band2	5MHz	16QAM	18625	25RB#0	26.20	27.71	PASS
Band2	5MHz	16QAM	18900	1RB#0	25.89	27.4	PASS
Band2	5MHz	16QAM	18900	1RB#12	26.40	27.91	PASS
Band2	5MHz	16QAM	18900	1RB#24	25.87	27.38	PASS
Band2	5MHz	16QAM	18900	12RB#0	26.05	27.56	PASS
Band2	5MHz	16QAM	18900	12RB#6	26.05	27.56	PASS
Band2	5MHz	16QAM	18900	12RB#13	26.08	27.59	PASS
Band2	5MHz	16QAM	18900	25RB#0	26.04	27.55	PASS
Band2	5MHz	16QAM	19175	1RB#0	25.30	26.81	PASS
Band2	5MHz	16QAM	19175	1RB#12	25.38	26.89	PASS
Band2	5MHz	16QAM	19175	1RB#24	24.32	25.83	PASS
Band2	5MHz	16QAM	19175	12RB#0	25.48	26.99	PASS
Band2	5MHz	16QAM	19175	12RB#6	25.48	26.99	PASS
Band2	5MHz	16QAM	19175	12RB#13	24.66	26.17	PASS
Band2	5MHz	16QAM	19175	25RB#0	25.29	26.8	PASS
Band2	10MHz	QPSK	18650	1RB#0	25.79	27.3	PASS
Band2	10MHz	QPSK	18650	1RB#24	26.34	27.85	PASS
Band2	10MHz	QPSK	18650	1RB#49	26.65	28.16	PASS
Band2	10MHz	QPSK	18650	25RB#0	26.29	27.8	PASS
Band2	10MHz	QPSK	18650	25RB#12	26.27	27.78	PASS
Band2	10MHz	QPSK	18650	25RB#25	26.75	28.26	PASS
Band2	10MHz	QPSK	18650	50RB#0	26.54	28.05	PASS
Band2	10MHz	QPSK	18900	1RB#0	25.86	27.37	PASS
Band2	10MHz	QPSK	18900	1RB#24	26.14	27.65	PASS
Band2	10MHz	QPSK	18900	1RB#49	26.18	27.69	PASS
Band2	10MHz	QPSK	18900	25RB#0	26.07	27.58	PASS
Band2	10MHz	QPSK	18900	25RB#12	26.08	27.59	PASS



Band2	10MHz	QPSK	18900	25RB#25	26.28	27.79	PASS
Band2	10MHz	QPSK	18900	50RB#0	26.16	27.67	PASS
Band2	10MHz	QPSK	19150	1RB#0	25.61	27.12	PASS
Band2	10MHz	QPSK	19150	1RB#24	25.66	27.17	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.75	26.26	PASS
Band2	10MHz	QPSK	19150	25RB#0	25.79	27.3	PASS
Band2	10MHz	QPSK	19150	25RB#12	25.80	27.31	PASS
Band2	10MHz	QPSK	19150	25RB#25	25.67	27.18	PASS
Band2	10MHz	QPSK	19150	50RB#0	25.75	27.26	PASS
Band2	10MHz	16QAM	18650	1RB#0	25.81	27.32	PASS
Band2	10MHz	16QAM	18650	1RB#24	26.37	27.88	PASS
Band2	10MHz	16QAM	18650	1RB#49	26.66	28.17	PASS
Band2	10MHz	16QAM	18650	25RB#0	26.12	27.63	PASS
Band2	10MHz	16QAM	18650	25RB#12	26.11	27.62	PASS
Band2	10MHz	16QAM	18650	25RB#25	26.56	28.07	PASS
Band2	10MHz	16QAM	18650	50RB#0	26.37	27.88	PASS
Band2	10MHz	16QAM	18900	1RB#0	25.88	27.39	PASS
Band2	10MHz	16QAM	18900	1RB#24	26.16	27.67	PASS
Band2	10MHz	16QAM	18900	1RB#49	26.19	27.7	PASS
Band2	10MHz	16QAM	18900	25RB#0	26.00	27.51	PASS
Band2	10MHz	16QAM	18900	25RB#12	26.00	27.51	PASS
Band2	10MHz	16QAM	18900	25RB#25	26.18	27.69	PASS
Band2	10MHz	16QAM	18900	50RB#0	26.08	27.59	PASS
Band2	10MHz	16QAM	19150	1RB#0	25.46	26.97	PASS
Band2	10MHz	16QAM	19150	1RB#24	25.52	27.03	PASS
Band2	10MHz	16QAM	19150	1RB#49	24.62	26.13	PASS
Band2	10MHz	16QAM	19150	25RB#0	25.69	27.2	PASS
Band2	10MHz	16QAM	19150	25RB#12	25.70	27.21	PASS
Band2	10MHz	16QAM	19150	25RB#25	25.51	27.02	PASS
Band2	10MHz	16QAM	19150	50RB#0	25.61	27.12	PASS
Band2	15MHz	QPSK	18675	1RB#0	26.10	27.61	PASS
Band2	15MHz	QPSK	18675	1RB#38	26.71	28.22	PASS
Band2	15MHz	QPSK	18675	1RB#74	26.54	28.05	PASS
Band2	15MHz	QPSK	18675	38RB#0	26.65	28.16	PASS
Band2	15MHz	QPSK	18675	38RB#18	26.61	28.12	PASS
Band2	15MHz	QPSK	18675	38RB#37	26.60	28.11	PASS



Band2	15MHz	QPSK	18675	75RB#0	26.58	28.09	PASS
Band2	15MHz	QPSK	18900	1RB#0	26.17	27.68	PASS
Band2	15MHz	QPSK	18900	1RB#38	26.24	27.75	PASS
Band2	15MHz	QPSK	18900	1RB#74	26.09	27.6	PASS
Band2	15MHz	QPSK	18900	38RB#0	26.20	27.71	PASS
Band2	15MHz	QPSK	18900	38RB#18	26.18	27.69	PASS
Band2	15MHz	QPSK	18900	38RB#37	26.18	27.69	PASS
Band2	15MHz	QPSK	18900	75RB#0	26.16	27.67	PASS
Band2	15MHz	QPSK	19125	1RB#0	25.78	27.29	PASS
Band2	15MHz	QPSK	19125	1RB#38	25.83	27.34	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.34	25.85	PASS
Band2	15MHz	QPSK	19125	38RB#0	25.79	27.3	PASS
Band2	15MHz	QPSK	19125	38RB#18	25.78	27.29	PASS
Band2	15MHz	QPSK	19125	38RB#37	25.78	27.29	PASS
Band2	15MHz	QPSK	19125	75RB#0	25.78	27.29	PASS
Band2	15MHz	16QAM	18675	1RB#0	26.09	27.6	PASS
Band2	15MHz	16QAM	18675	1RB#38	26.71	28.22	PASS
Band2	15MHz	16QAM	18675	1RB#74	26.57	28.08	PASS
Band2	15MHz	16QAM	18675	38RB#0	26.63	28.14	PASS
Band2	15MHz	16QAM	18675	38RB#18	26.60	28.11	PASS
Band2	15MHz	16QAM	18675	38RB#37	26.59	28.1	PASS
Band2	15MHz	16QAM	18675	75RB#0	26.38	27.89	PASS
Band2	15MHz	16QAM	18900	1RB#0	26.29	27.8	PASS
Band2	15MHz	16QAM	18900	1RB#38	26.38	27.89	PASS
Band2	15MHz	16QAM	18900	1RB#74	26.25	27.76	PASS
Band2	15MHz	16QAM	18900	38RB#0	26.19	27.7	PASS
Band2	15MHz	16QAM	18900	38RB#18	26.18	27.69	PASS
Band2	15MHz	16QAM	18900	38RB#37	26.17	27.68	PASS
Band2	15MHz	16QAM	18900	75RB#0	26.06	27.57	PASS
Band2	15MHz	16QAM	19125	1RB#0	25.62	27.13	PASS
Band2	15MHz	16QAM	19125	1RB#38	25.70	27.21	PASS
Band2	15MHz	16QAM	19125	1RB#74	24.21	25.72	PASS
Band2	15MHz	16QAM	19125	38RB#0	25.79	27.3	PASS
Band2	15MHz	16QAM	19125	38RB#18	25.78	27.29	PASS
Band2	15MHz	16QAM	19125	38RB#37	25.78	27.29	PASS
Band2	15MHz	16QAM	19125	75RB#0	25.64	27.15	PASS



Band2	20MHz	QPSK	18700	1RB#0	26.11	27.62	PASS
Band2	20MHz	QPSK	18700	1RB#49	26.88	28.39	PASS
Band2	20MHz	QPSK	18700	1RB#99	26.84	28.35	PASS
Band2	20MHz	QPSK	18700	50RB#0	26.52	28.03	PASS
Band2	20MHz	QPSK	18700	50RB#25	26.51	28.02	PASS
Band2	20MHz	QPSK	18700	50RB#50	26.93	28.44	PASS
Band2	20MHz	QPSK	18700	100RB#0	26.70	28.21	PASS
Band2	20MHz	QPSK	18900	1RB#0	26.62	28.13	PASS
Band2	20MHz	QPSK	18900	1RB#49	26.29	27.8	PASS
Band2	20MHz	QPSK	18900	1RB#99	26.84	28.35	PASS
Band2	20MHz	QPSK	18900	50RB#0	26.25	27.76	PASS
Band2	20MHz	QPSK	18900	50RB#25	26.26	27.77	PASS
Band2	20MHz	QPSK	18900	50RB#50	26.53	28.04	PASS
Band2	20MHz	QPSK	18900	100RB#0	26.34	27.85	PASS
Band2	20MHz	QPSK	19100	1RB#0	25.78	27.29	PASS
Band2	20MHz	QPSK	19100	1RB#49	25.91	27.42	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.84	26.35	PASS
Band2	20MHz	QPSK	19100	50RB#0	25.93	27.44	PASS
Band2	20MHz	QPSK	19100	50RB#25	25.94	27.45	PASS
Band2	20MHz	QPSK	19100	50RB#50	25.91	27.42	PASS
Band2	20MHz	QPSK	19100	100RB#0	25.92	27.43	PASS
Band2	20MHz	16QAM	18700	1RB#0	26.01	27.52	PASS
Band2	20MHz	16QAM	18700	1RB#49	26.73	28.24	PASS
Band2	20MHz	16QAM	18700	1RB#99	26.71	28.22	PASS
Band2	20MHz	16QAM	18700	50RB#0	26.35	27.86	PASS
Band2	20MHz	16QAM	18700	50RB#25	26.34	27.85	PASS
Band2	20MHz	16QAM	18700	50RB#50	26.73	28.24	PASS
Band2	20MHz	16QAM	18700	100RB#0	26.52	28.03	PASS
Band2	20MHz	16QAM	18900	1RB#0	26.54	28.05	PASS
Band2	20MHz	16QAM	18900	1RB#49	26.28	27.79	PASS
Band2	20MHz	16QAM	18900	1RB#99	26.76	28.27	PASS
Band2	20MHz	16QAM	18900	50RB#0	26.18	27.69	PASS
Band2	20MHz	16QAM	18900	50RB#25	26.17	27.68	PASS
Band2	20MHz	16QAM	18900	50RB#50	26.39	27.9	PASS
Band2	20MHz	16QAM	18900	100RB#0	26.23	27.74	PASS
Band2	20MHz	16QAM	19100	1RB#0	25.79	27.3	PASS



Band2	20MHz	16QAM	19100	1RB#49	25.93	27.44	PASS
Band2	20MHz	16QAM	19100	1RB#99	24.70	26.21	PASS
Band2	20MHz	16QAM	19100	50RB#0	25.89	27.4	PASS
Band2	20MHz	16QAM	19100	50RB#25	25.89	27.4	PASS
Band2	20MHz	16QAM	19100	50RB#50	25.79	27.3	PASS
Band2	20MHz	16QAM	19100	100RB#0	25.80	27.31	PASS

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

Test Result

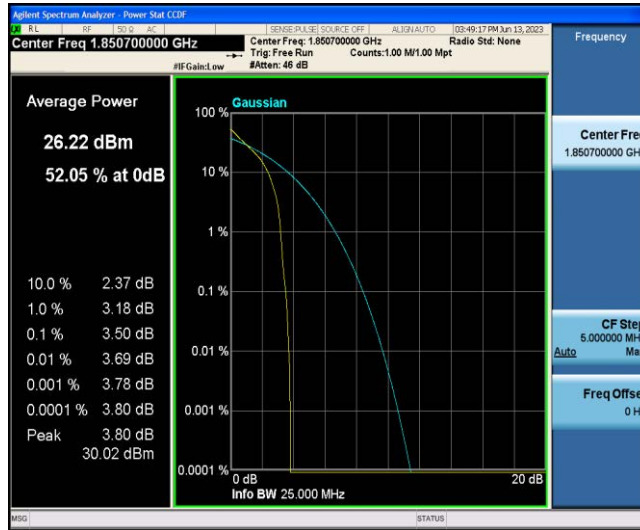
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	3.50	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	3.69	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3.77	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.16	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	2.93	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	2.86	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3.73	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	3.89	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	4.09	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	4.34	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3.07	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	3.11	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	3.47	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	3.72	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	3.73	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.14	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	2.88	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.99	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	3.76	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	3.90	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	4.01	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	4.30	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	2.99	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	3.23	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	3.76	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	3.74	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	3.98	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.18	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	3.34	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	3.05	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	3.83	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	3.92	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	4.02	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.36	13	PASS



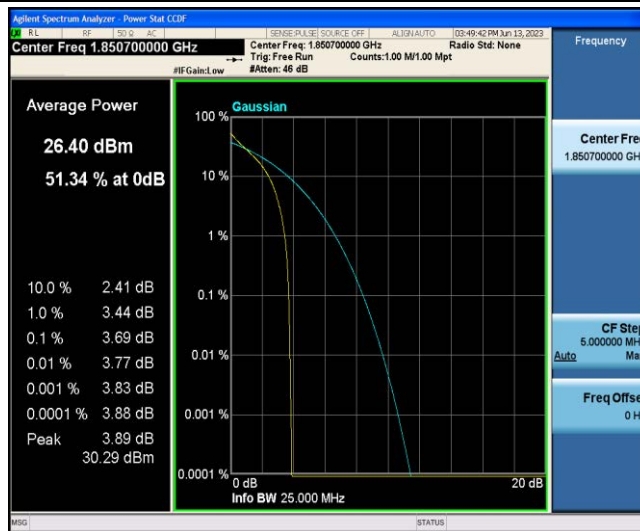
Band2	5MHz	16QAM	19175	1RB#0	3.50	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	3.33	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	3.65	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	3.56	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	3.68	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.10	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	3.72	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	3.40	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	3.98	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	3.73	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	3.91	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	4.26	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	3.79	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	3.67	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	3.57	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	3.87	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	3.45	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	4.53	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	3.38	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	4.09	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	3.94	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	4.02	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	3.74	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	4.65	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	3.46	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	4.27	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	3.65	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	4.09	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	3.22	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.63	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	3.31	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.37	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	3.87	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	4.31	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	3.49	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	4.82	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	3.54	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	4.67	13	PASS

Test Graphs

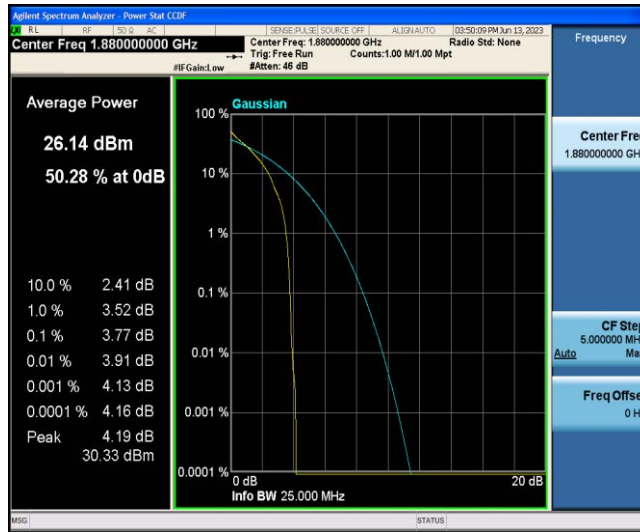
Band2-1.4MHz-QPSK-18607-1RB#0



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



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



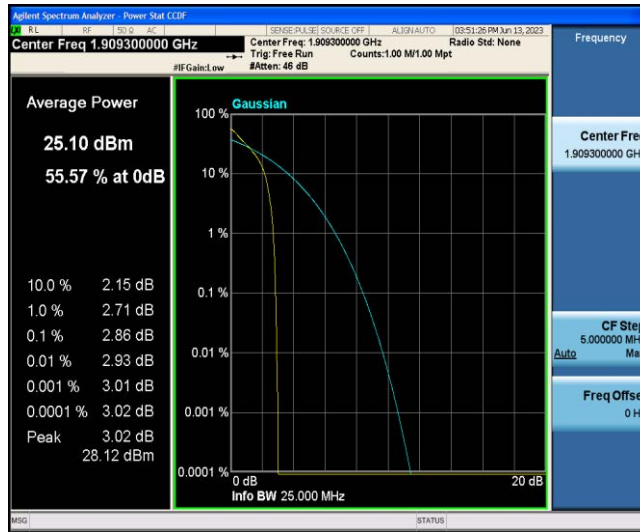
Band2-1.4MHz-QPSK-18900-6RB#0



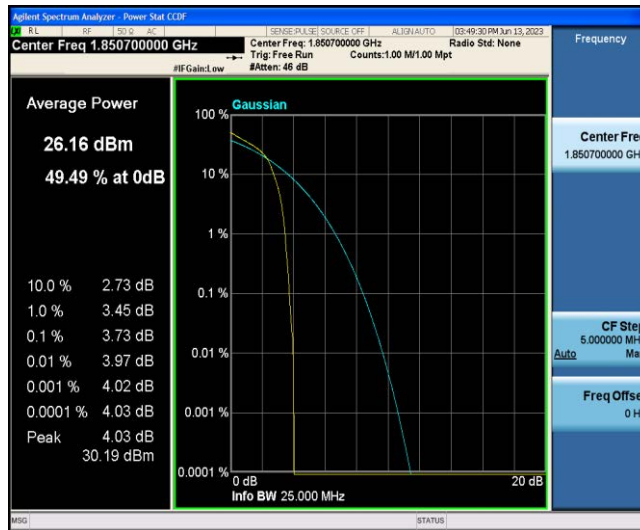
Band2-1.4MHz-QPSK-19193-1RB#0



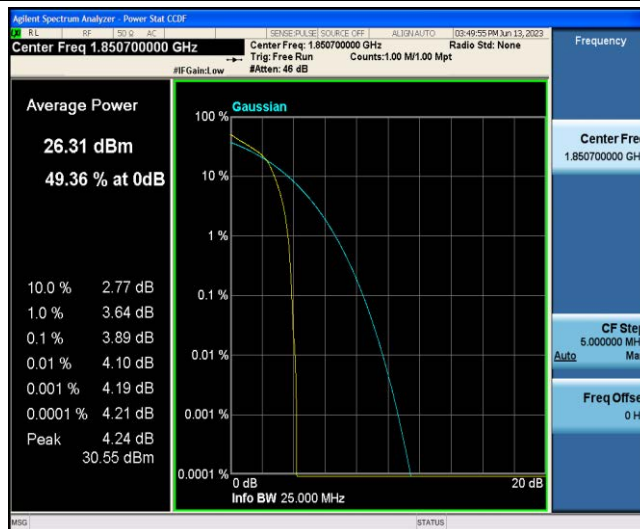
Band2-1.4MHz-QPSK-19193-6RB#0



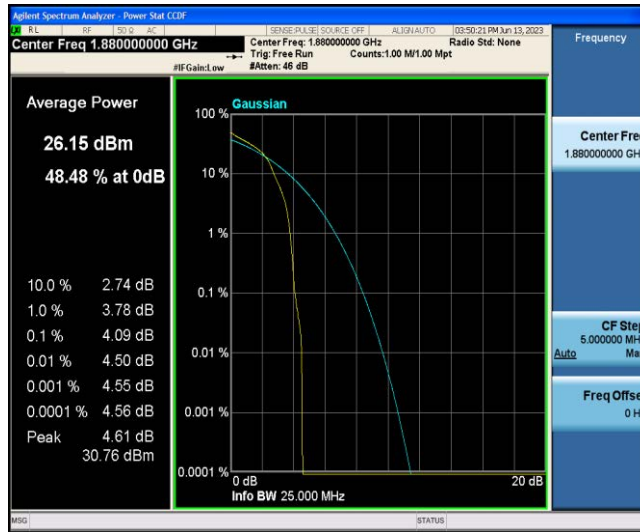
Band2-1.4MHz-16QAM-18607-1RB#0



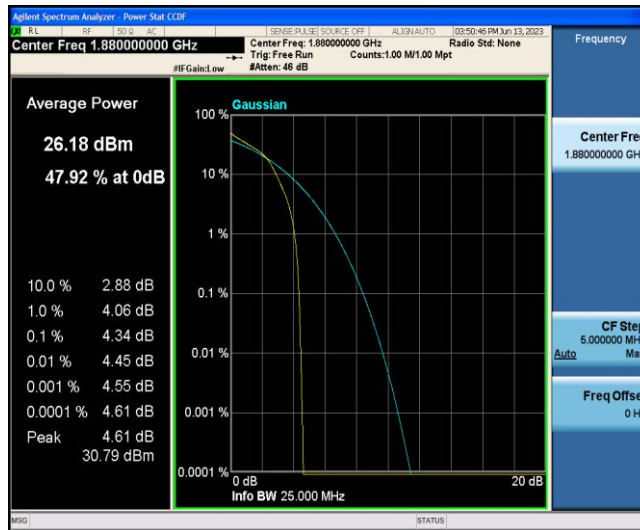
Band2-1.4MHz-16QAM-18607-6RB#0



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



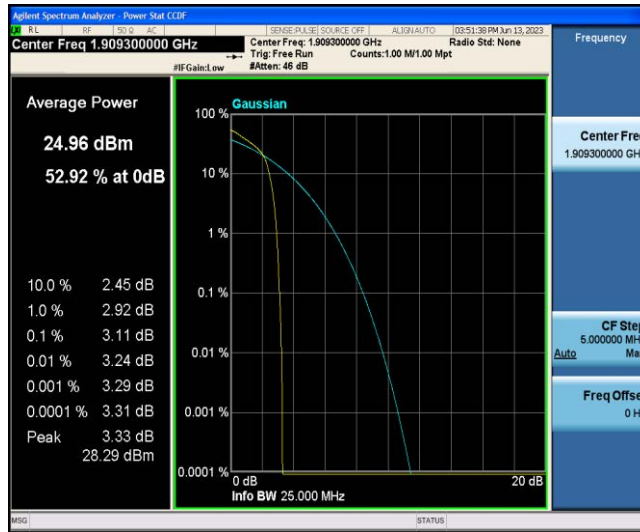
Band2-1.4MHz-16QAM-18900-6RB#0



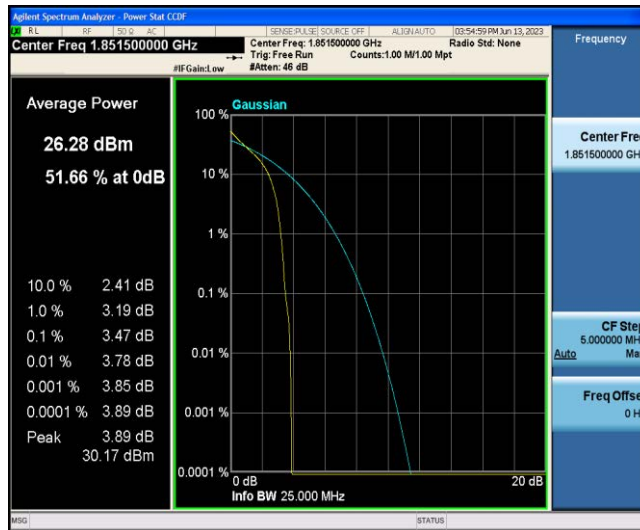
Band2-1.4MHz-16QAM-19193-1RB#0



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



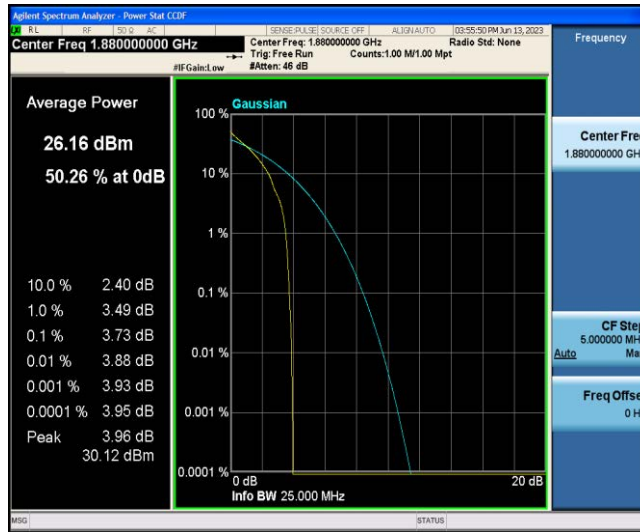
Band2-3MHz-QPSK-18615-1RB#0



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



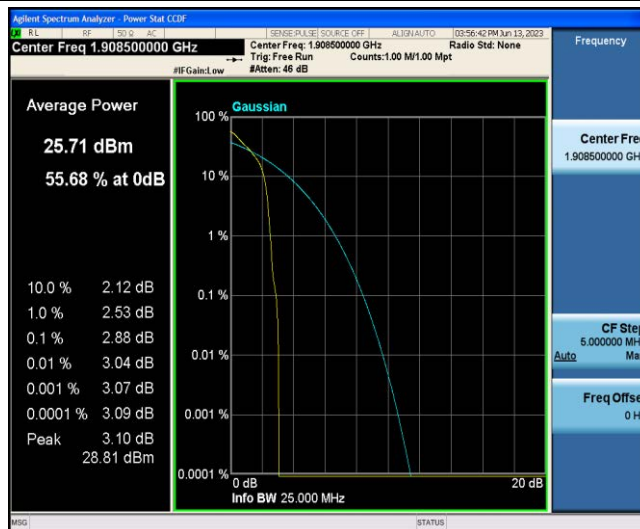
Band2-3MHz-QPSK-18900-1RB#0



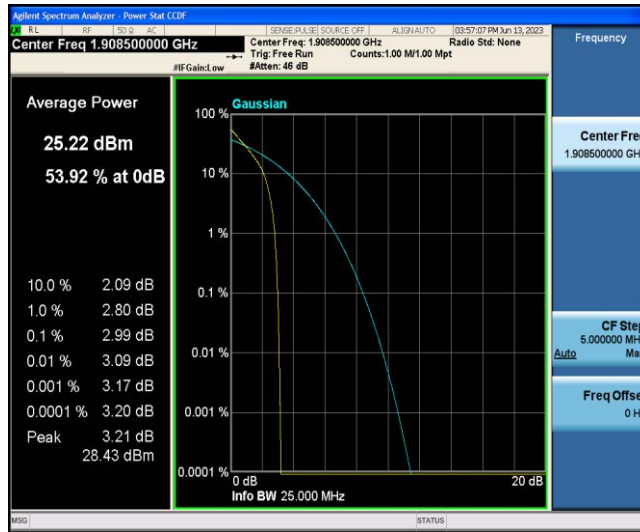
Band2-3MHz-QPSK-18900-15RB#0



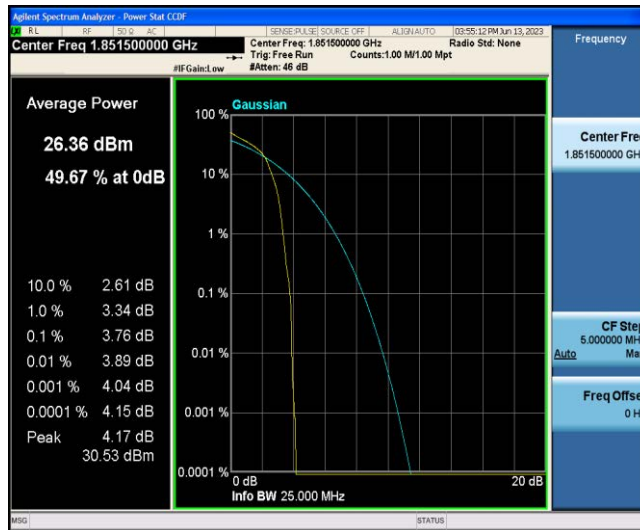
Band2-3MHz-QPSK-19185-1RB#0



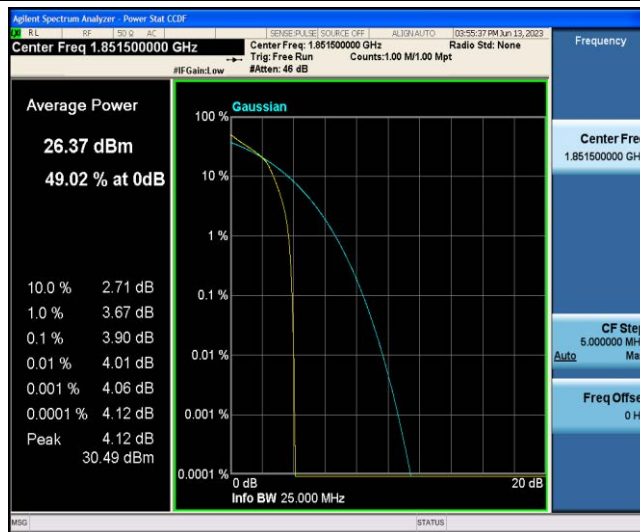
Band2-3MHz-QPSK-19185-15RB#0



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



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



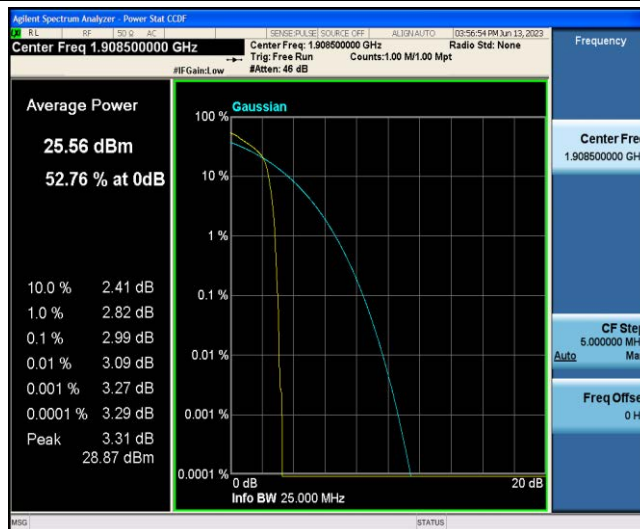
Band2-3MHz-16QAM-18900-1RB#0



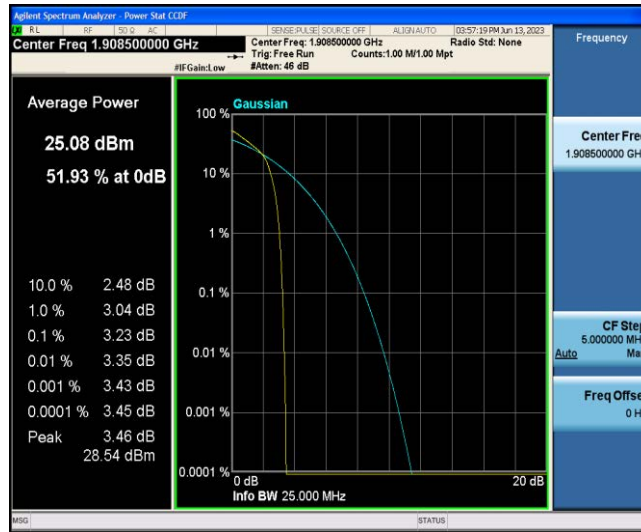
Band2-3MHz-16QAM-18900-15RB#0



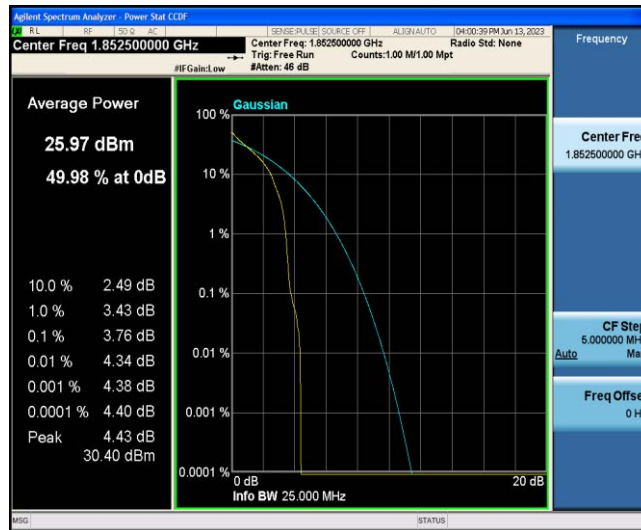
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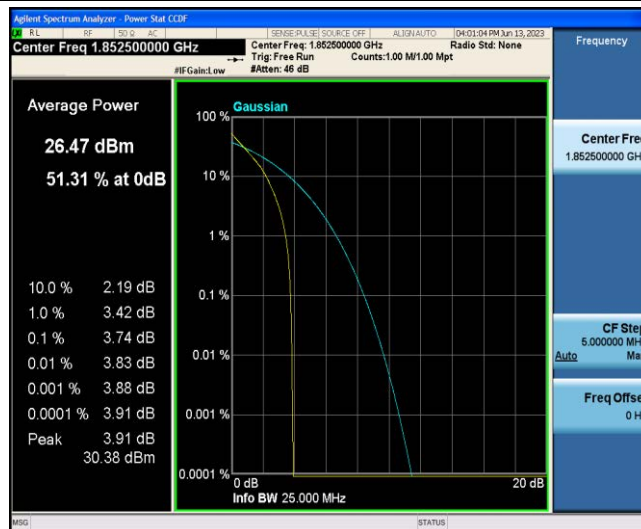
Band2-3MHz-16QAM-19185-15RB#0



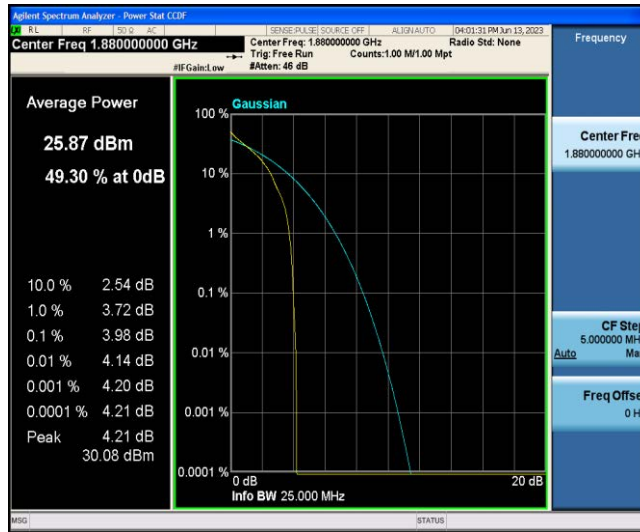
Band2-5MHz-QPSK-18625-1RB#0



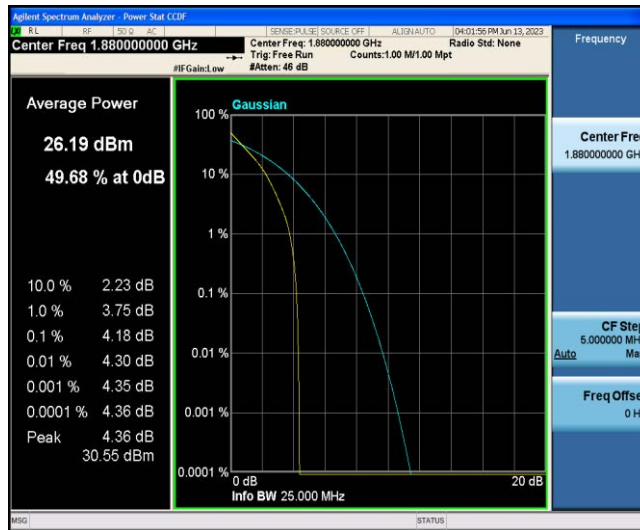
Band2-5MHz-QPSK-18625-25RB#0



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



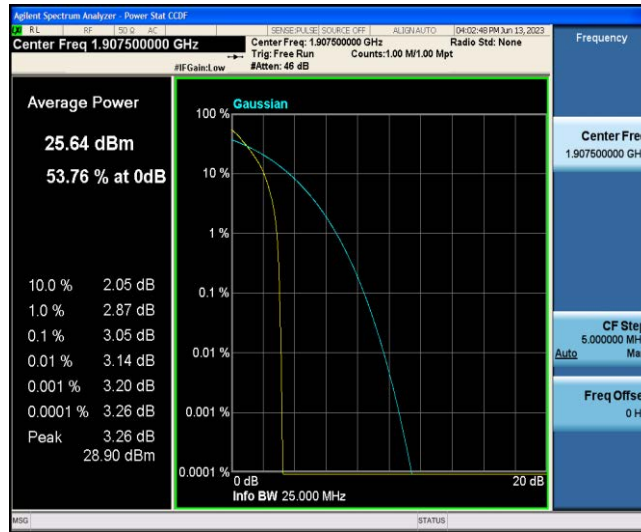
Band2-5MHz-QPSK-18900-25RB#0



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



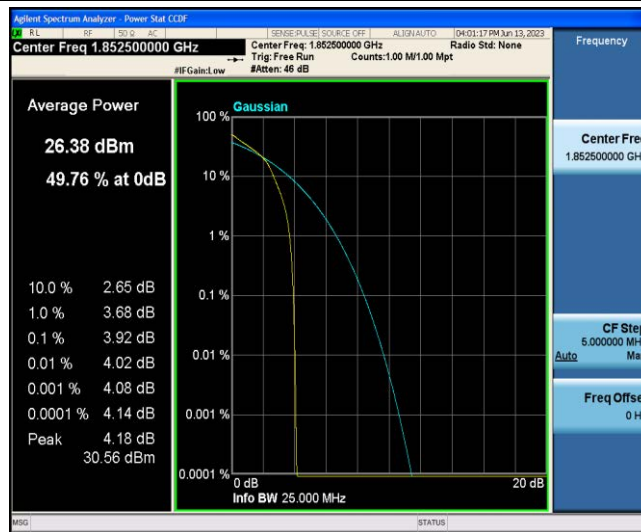
Band2-5MHz-QPSK-19175-25RB#0



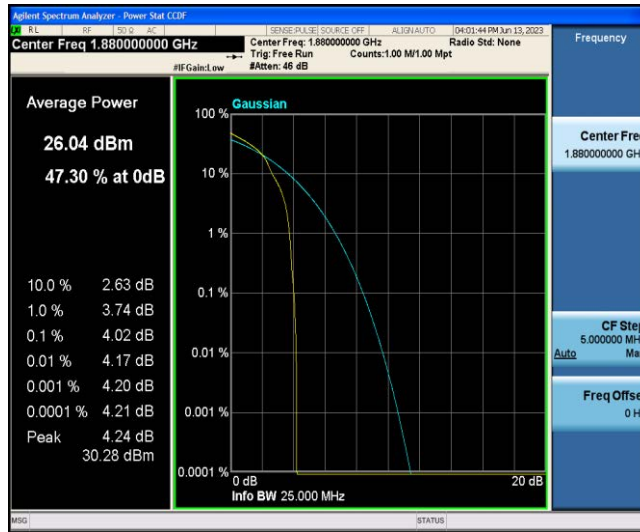
Band2-5MHz-16QAM-18625-1RB#0



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



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



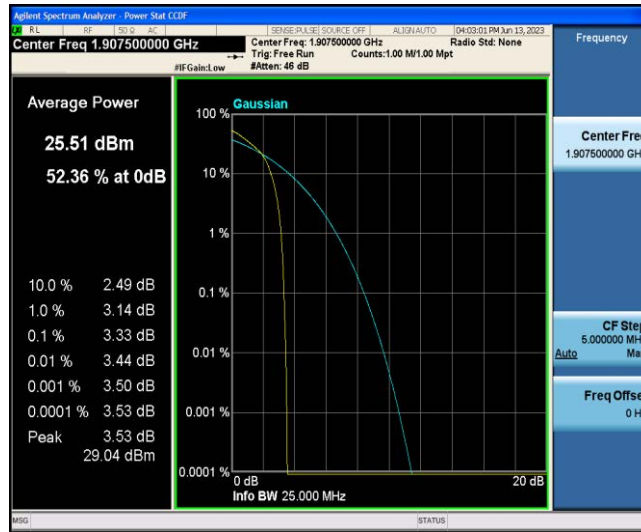
Band2-5MHz-16QAM-18900-25RB#0



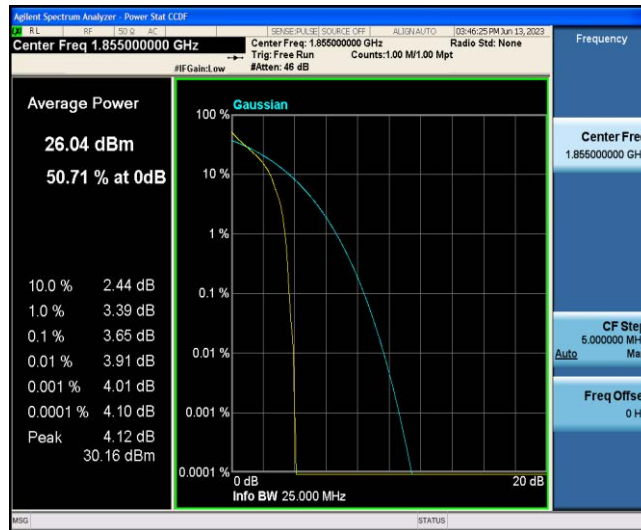
Band2-5MHz-16QAM-19175-1RB#0



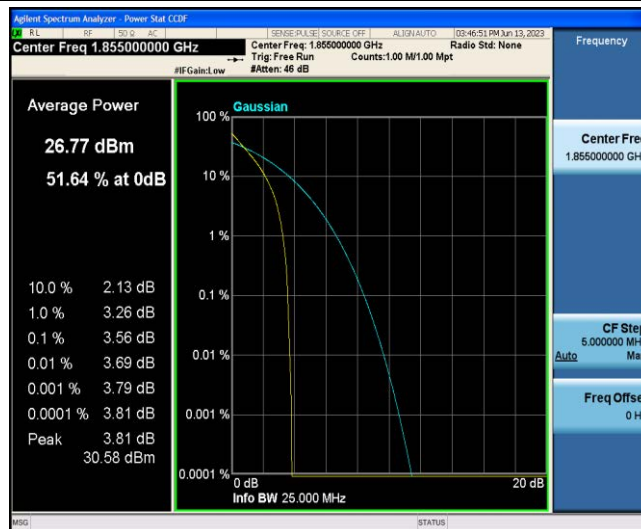
Band2-5MHz-16QAM-19175-25RB#0



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



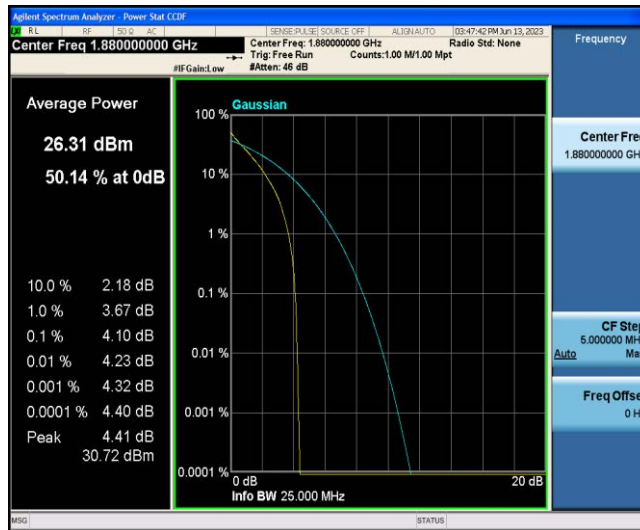
Band2-10MHz-QPSK-18650-50RB#0



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



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



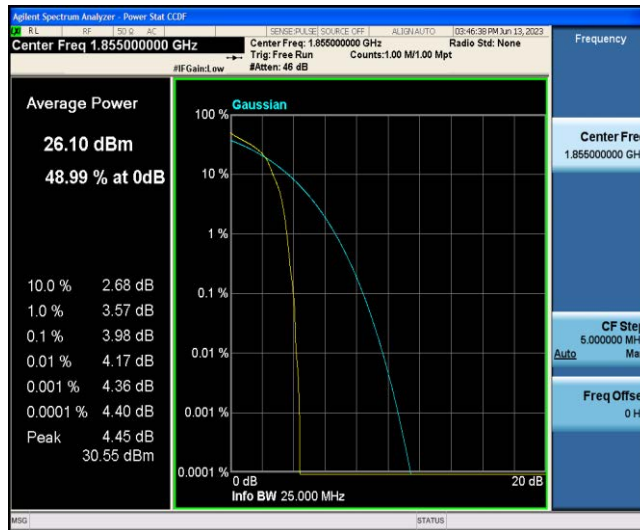
Band2-10MHz-QPSK-19150-1RB#0



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



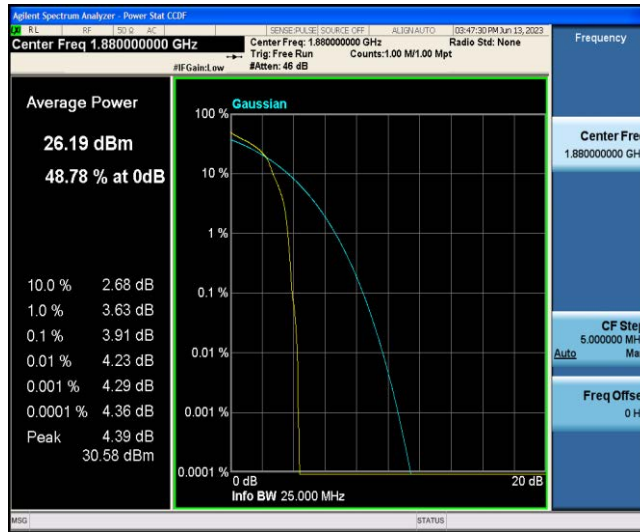
Band2-10MHz-16QAM-18650-1RB#0



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



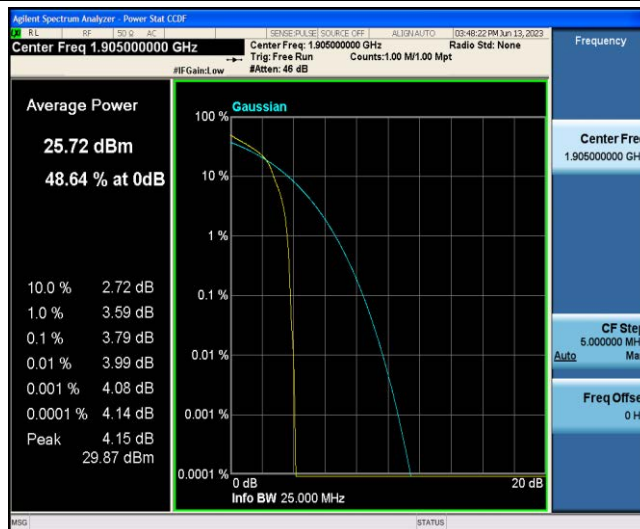
Band2-10MHz-16QAM-18900-1RB#0



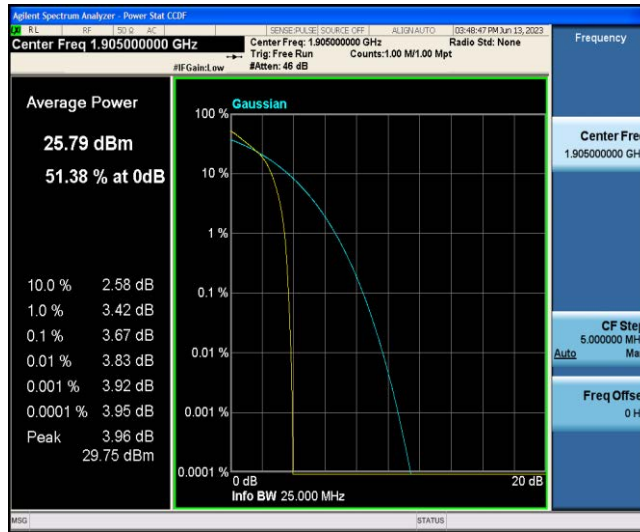
Band2-10MHz-16QAM-18900-50RB#0



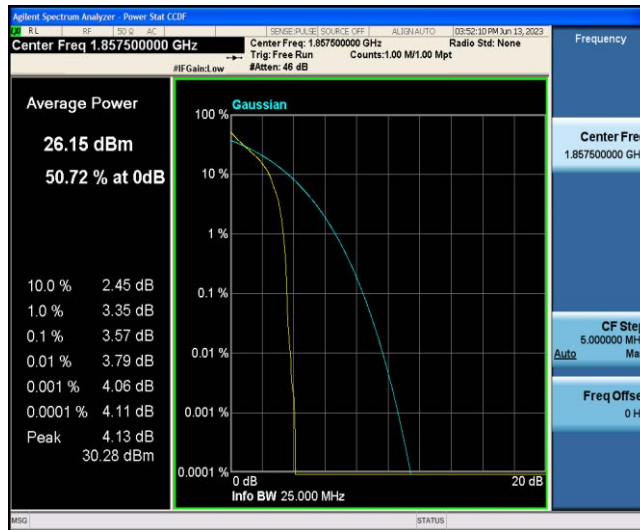
Band2-10MHz-16QAM-19150-1RB#0



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



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



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



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



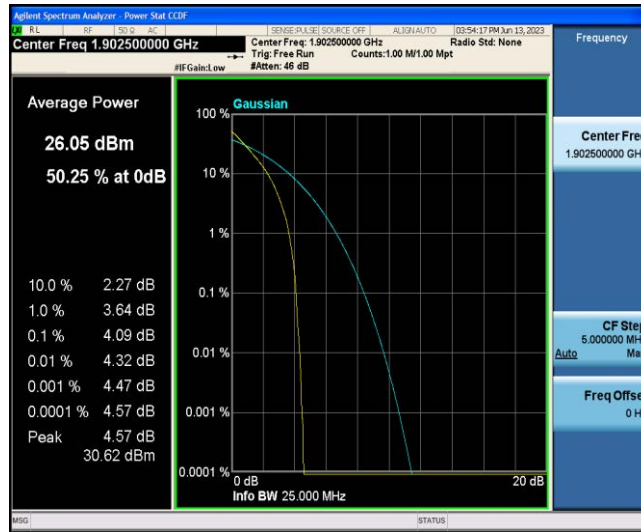
Band2-15MHz-QPSK-18900-75RB#0



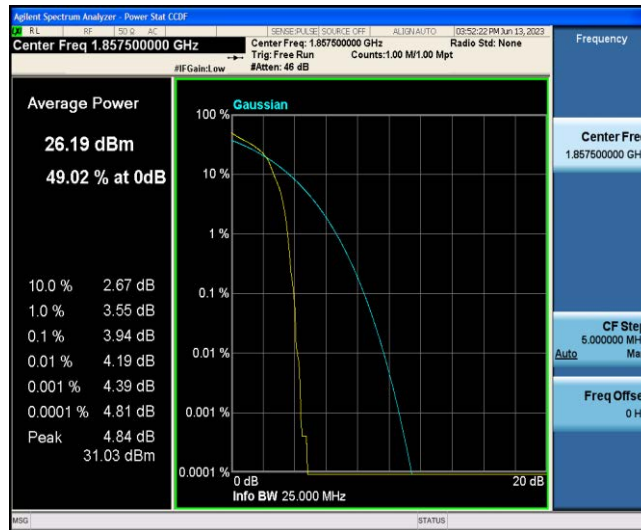
Band2-15MHz-QPSK-19125-1RB#0



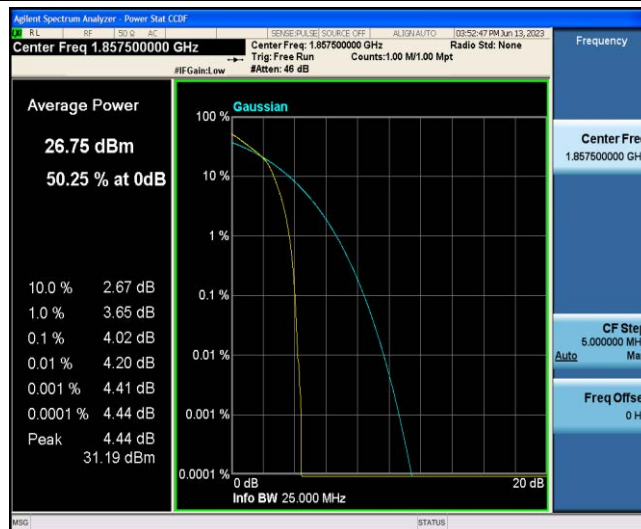
Band2-15MHz-QPSK-19125-75RB#0



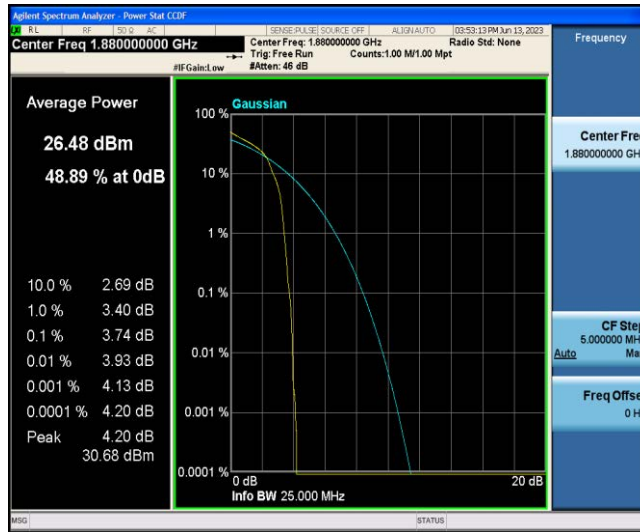
Band2-15MHz-16QAM-18675-1RB#0



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



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



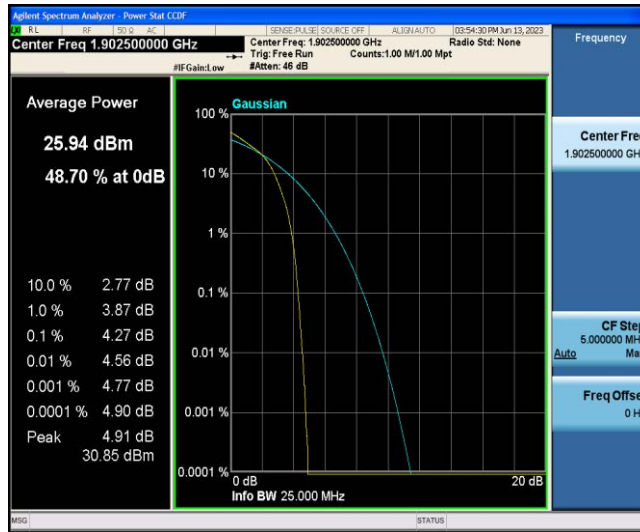
Band2-15MHz-16QAM-18900-75RB#0



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



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



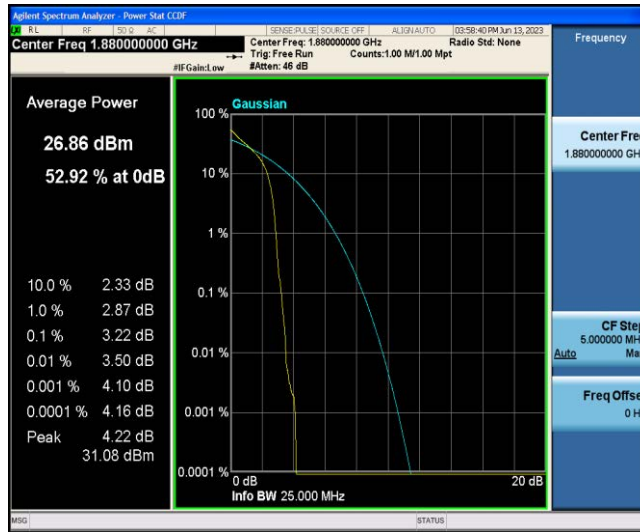
Band2-20MHz-QPSK-18700-1RB#0



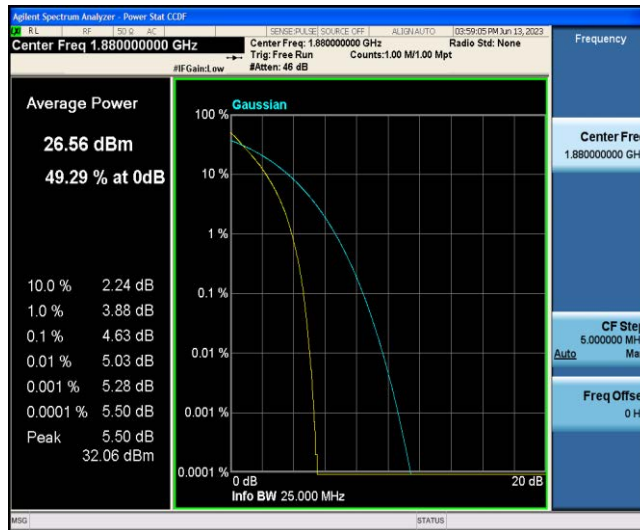
Band2-20MHz-QPSK-18700-100RB#0



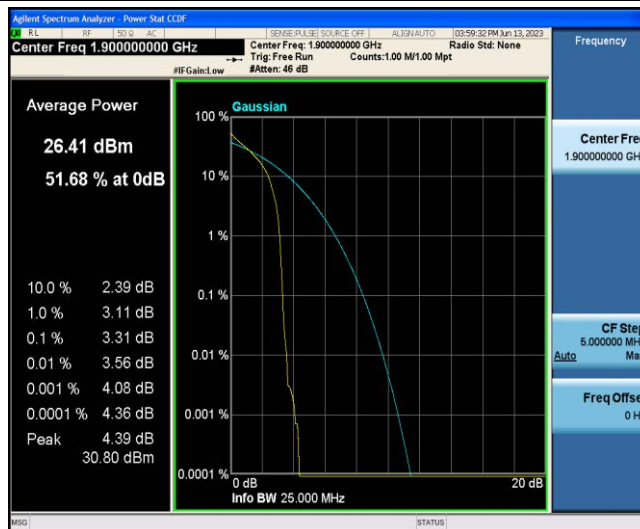
Band2-20MHz-QPSK-18900-1RB#0



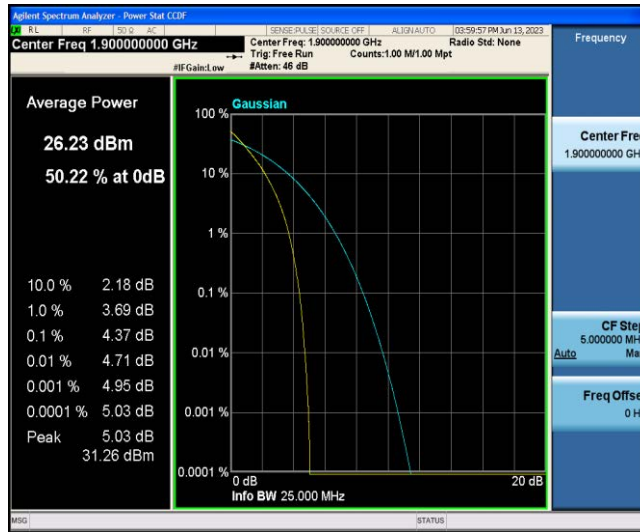
Band2-20MHz-QPSK-18900-100RB#0



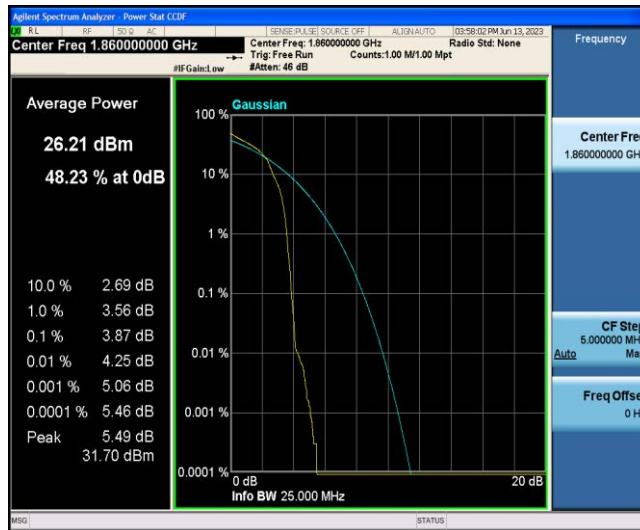
Band2-20MHz-QPSK-19100-1RB#0



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



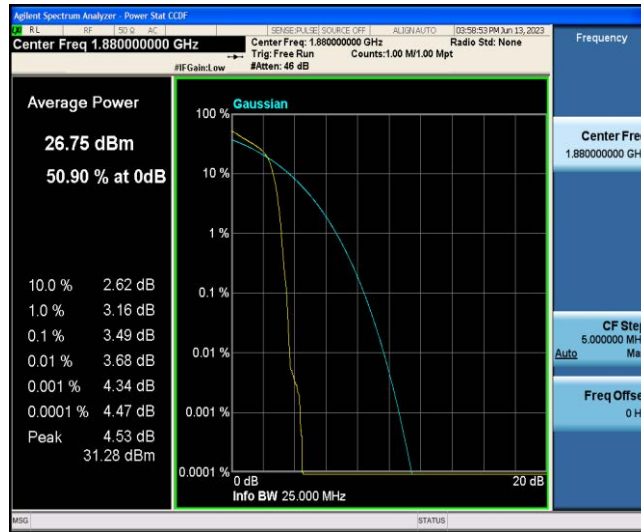
Band2-20MHz-16QAM-18700-1RB#0



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



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



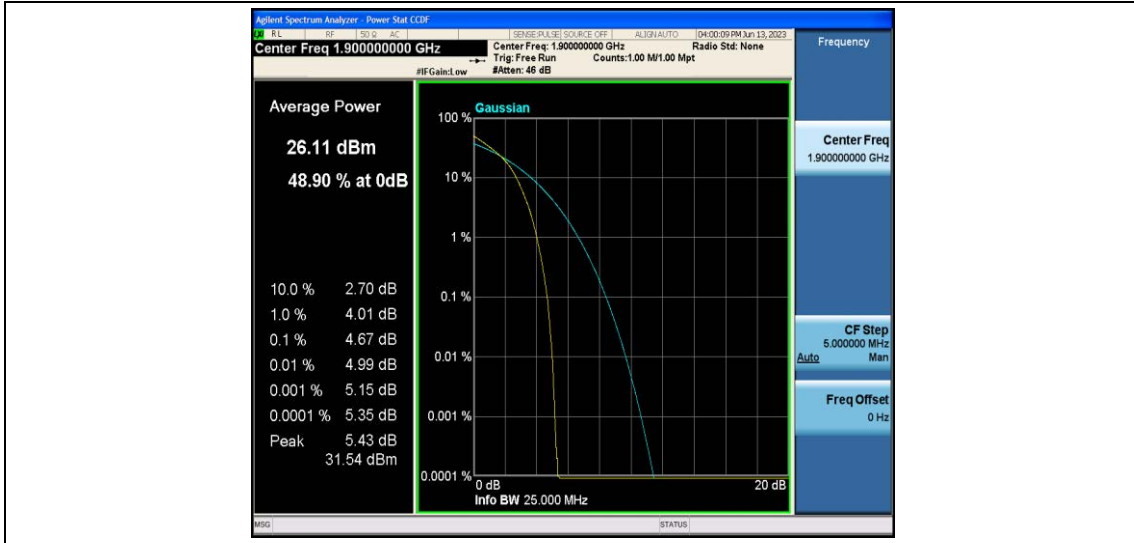
Band2-20MHz-16QAM-18900-100RB#0



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



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

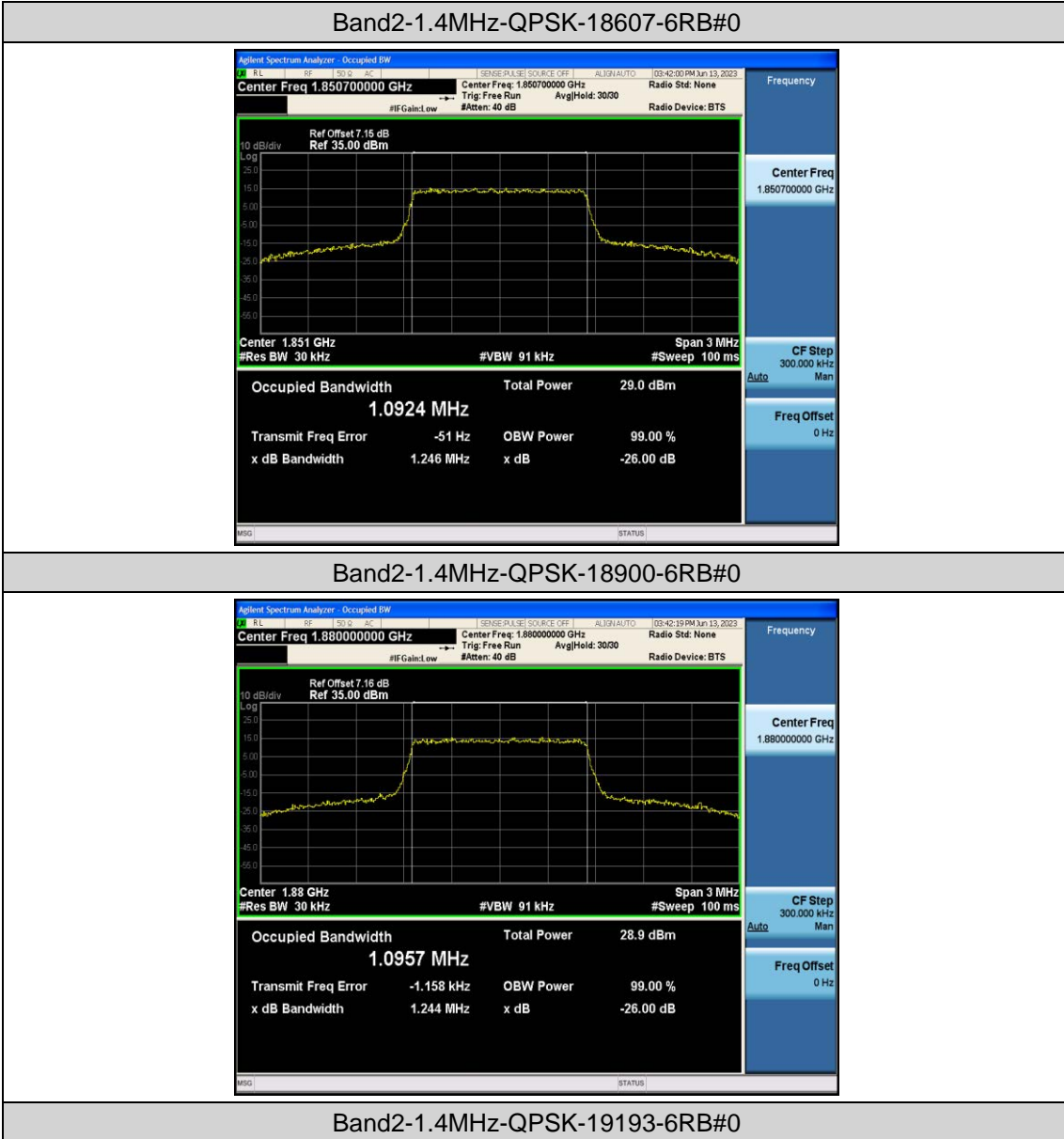
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0924	1.246	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0957	1.244	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0966	1.450	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0970	1.293	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0925	1.248	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0995	1.807	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6993	2.979	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6997	2.981	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7132	3.370	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7025	3.038	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6944	2.983	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7164	3.941	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5036	4.907	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4947	4.886	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5060	4.920	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5100	4.955	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4964	4.908	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5153	5.127	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0005	9.723	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9926	9.603	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9910	9.720	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9991	10.38	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9948	9.684	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0081	10.99	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.515	18.11	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.488	14.47	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.495	15.49	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.517	19.53	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.494	14.55	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.495	18.82	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.970	19.28	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.003	19.20	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.974	19.18	PASS



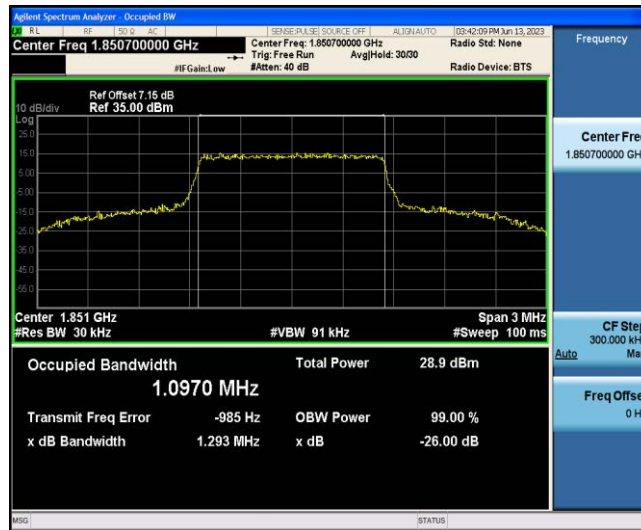
Band2	20MHz	16QAM	18700	100RB#0	17.994	23.10	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.044	19.18	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.013	21.02	PASS

Test Graphs





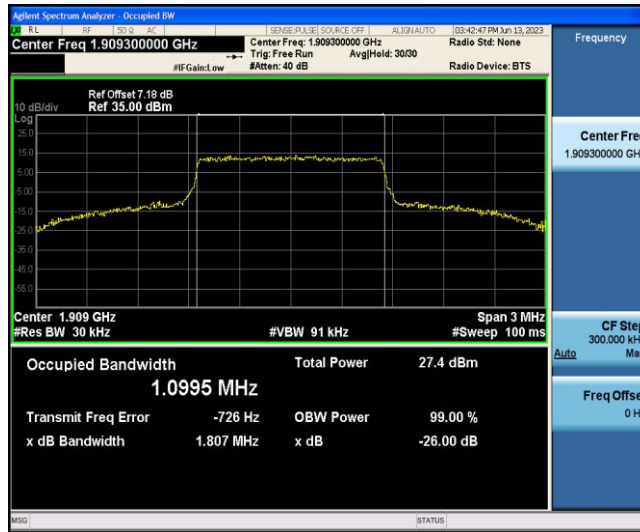
Band2-1.4MHz-16QAM-18607-6RB#0



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



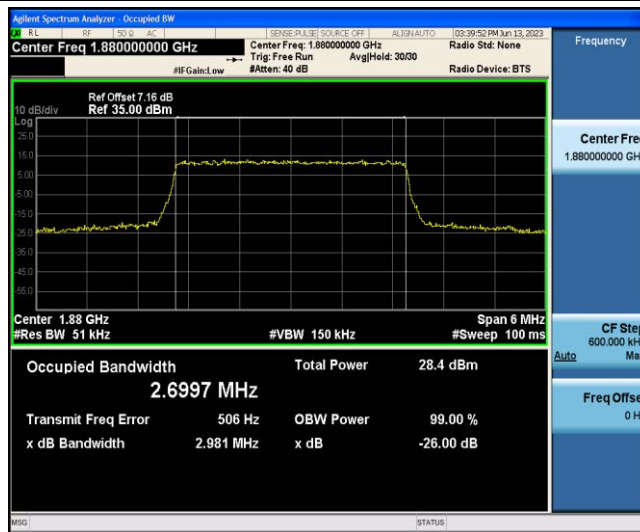
Band2-1.4MHz-16QAM-19193-6RB#0



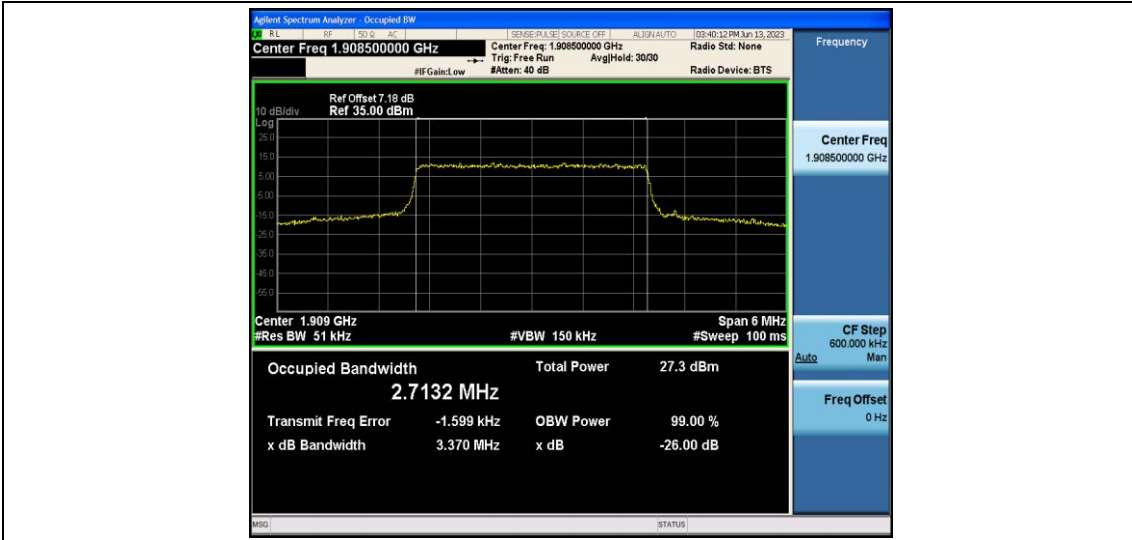
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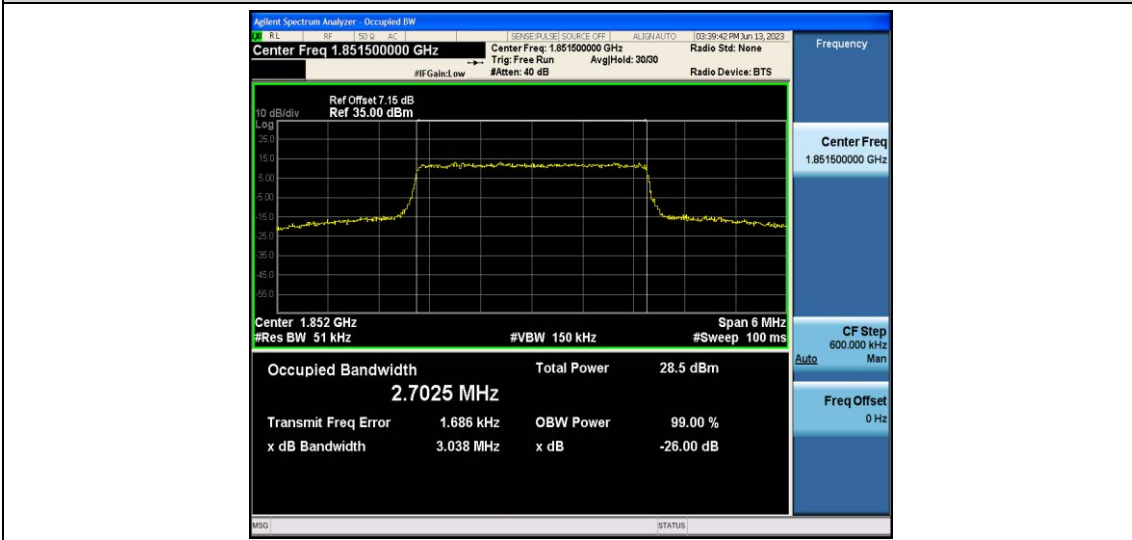
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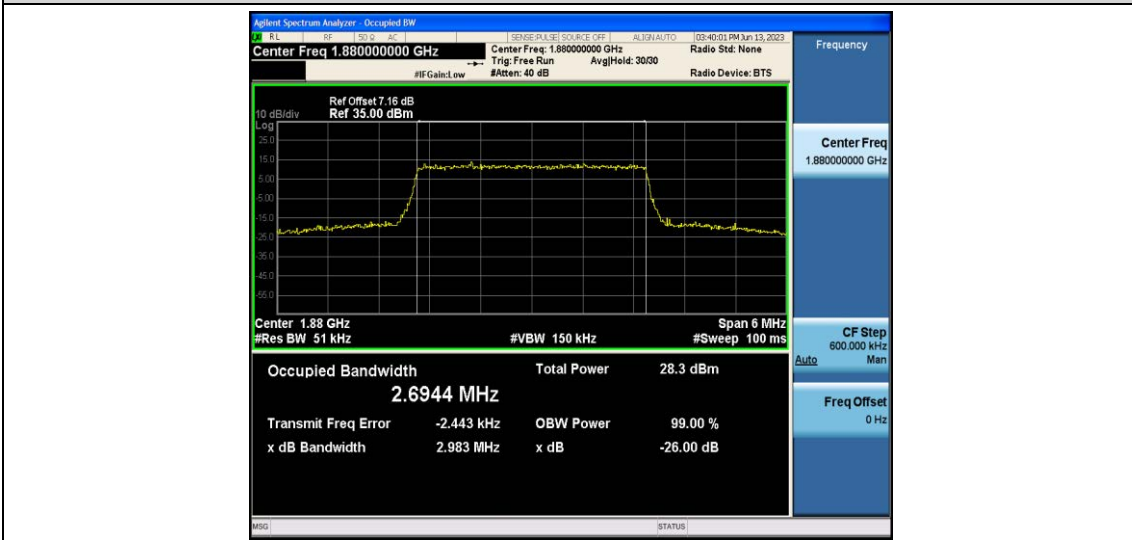
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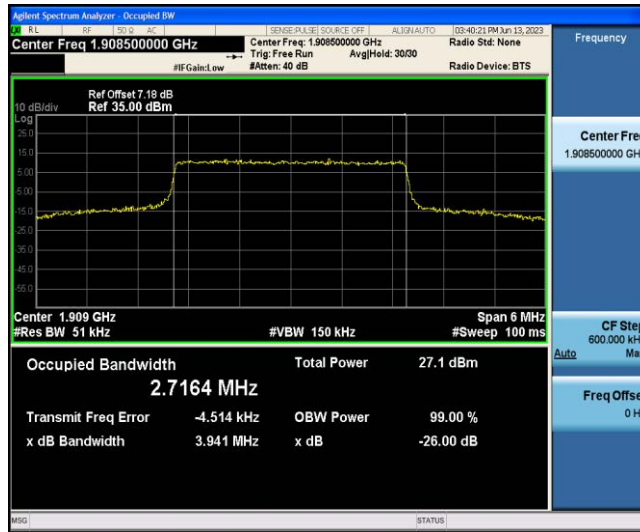
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Band2-3MHz-16QAM-18900-15RB#0



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



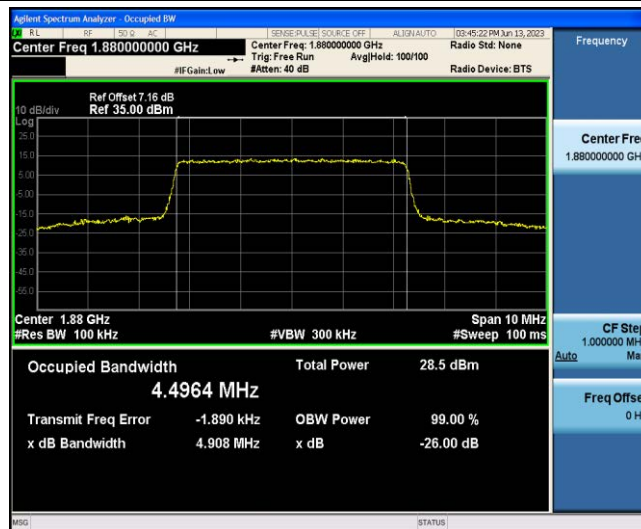
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Band2-5MHz-16QAM-18625-25RB#0



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



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



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



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



Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-75RB#0



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



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



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



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



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



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



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



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



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