

LTE - Bnad2 RF Test Data

Product Name:SMARTPHONE

Model No.:SP-7300

Environmental Conditions

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

TABLE OF CONTENTS

Appendix A: Effective (Isotropic) Radiated Power Output Data	3
Appendix B: Peak-to-Average Ratio(CCDF)	10
Appendix C: 26dB Bandwidth and Occupied Bandwidth	37
Appendix D: Band Edge	52
Appendix E: Conducted Spurious Emission	78
Appendix F: Frequency Stability	104
Appendix G: Modulation Characteristics	112

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	E.I.R.P. (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.35	23.55	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.27	23.47	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.31	23.51	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	24.43	23.63	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	24.39	23.59	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	24.37	23.57	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.46	22.66	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.40	23.6	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.41	23.61	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.45	23.65	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	24.55	23.75	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	24.50	23.7	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	24.55	23.75	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	23.58	22.78	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.39	23.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.38	23.58	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.39	23.59	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	24.47	23.67	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	24.49	23.69	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.51	23.71	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.59	22.79	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.38	22.58	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.43	22.63	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.42	22.62	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.29	22.49	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	23.24	22.44	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	23.28	22.48	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.49	21.69	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.56	22.76	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.59	22.79	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.59	22.79	PASS

Band2	1.4MHz	16QAM	18900	3RB#0	23.45	22.65	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	23.47	22.67	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	23.44	22.64	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.47	21.67	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.29	22.49	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.34	22.54	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.29	22.49	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	23.31	22.51	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	23.30	22.5	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	23.28	22.48	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.60	21.8	PASS
Band2	3MHz	QPSK	18615	1RB#0	24.09	23.29	PASS
Band2	3MHz	QPSK	18615	1RB#8	24.23	23.43	PASS
Band2	3MHz	QPSK	18615	1RB#14	24.12	23.32	PASS
Band2	3MHz	QPSK	18615	8RB#0	23.32	22.52	PASS
Band2	3MHz	QPSK	18615	8RB#4	23.27	22.47	PASS
Band2	3MHz	QPSK	18615	8RB#7	23.45	22.65	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.32	22.52	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.30	23.5	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.42	23.62	PASS
Band2	3MHz	QPSK	18900	1RB#14	24.37	23.57	PASS
Band2	3MHz	QPSK	18900	8RB#0	23.48	22.68	PASS
Band2	3MHz	QPSK	18900	8RB#4	23.50	22.7	PASS
Band2	3MHz	QPSK	18900	8RB#7	23.53	22.73	PASS
Band2	3MHz	QPSK	18900	15RB#0	23.57	22.77	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.37	23.57	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.38	23.58	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.33	23.53	PASS
Band2	3MHz	QPSK	19185	8RB#0	23.57	22.77	PASS
Band2	3MHz	QPSK	19185	8RB#4	23.57	22.77	PASS
Band2	3MHz	QPSK	19185	8RB#7	23.56	22.76	PASS
Band2	3MHz	QPSK	19185	15RB#0	23.50	22.7	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.24	22.44	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.40	22.6	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.27	22.47	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.35	21.55	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.37	21.57	PASS

Band2	3MHz	16QAM	18615	8RB#7	22.39	21.59	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.38	21.58	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.45	22.65	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.55	22.75	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.47	22.67	PASS
Band2	3MHz	16QAM	18900	8RB#0	22.49	21.69	PASS
Band2	3MHz	16QAM	18900	8RB#4	22.49	21.69	PASS
Band2	3MHz	16QAM	18900	8RB#7	22.52	21.72	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.48	21.68	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.20	22.4	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.29	22.49	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.17	22.37	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.55	21.75	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.57	21.77	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.49	21.69	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.38	21.58	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.40	23.6	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.57	23.77	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.45	23.65	PASS
Band2	5MHz	QPSK	18625	12RB#0	23.38	22.58	PASS
Band2	5MHz	QPSK	18625	12RB#6	23.37	22.57	PASS
Band2	5MHz	QPSK	18625	12RB#13	23.48	22.68	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.45	22.65	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.57	23.77	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.67	23.87	PASS
Band2	5MHz	QPSK	18900	1RB#24	24.52	23.72	PASS
Band2	5MHz	QPSK	18900	12RB#0	23.51	22.71	PASS
Band2	5MHz	QPSK	18900	12RB#6	23.56	22.76	PASS
Band2	5MHz	QPSK	18900	12RB#13	23.49	22.69	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.58	22.78	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.60	23.8	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.72	23.92	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.50	23.7	PASS
Band2	5MHz	QPSK	19175	12RB#0	23.64	22.84	PASS
Band2	5MHz	QPSK	19175	12RB#6	23.59	22.79	PASS
Band2	5MHz	QPSK	19175	12RB#13	23.50	22.7	PASS
Band2	5MHz	QPSK	19175	25RB#0	23.57	22.77	PASS

Band2	5MHz	16QAM	18625	1RB#0	23.39	22.59	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.52	22.72	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.50	22.7	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.42	21.62	PASS
Band2	5MHz	16QAM	18625	12RB#6	22.35	21.55	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.42	21.62	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.49	21.69	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.77	22.97	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.89	23.09	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.73	22.93	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.61	21.81	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.54	21.74	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.56	21.76	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.57	21.77	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.59	22.79	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.66	22.86	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.51	22.71	PASS
Band2	5MHz	16QAM	19175	12RB#0	22.59	21.79	PASS
Band2	5MHz	16QAM	19175	12RB#6	22.59	21.79	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.53	21.73	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.60	21.8	PASS
Band2	10MHz	QPSK	18650	1RB#0	24.49	23.69	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.50	23.7	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.55	23.75	PASS
Band2	10MHz	QPSK	18650	25RB#0	23.40	22.6	PASS
Band2	10MHz	QPSK	18650	25RB#12	23.40	22.6	PASS
Band2	10MHz	QPSK	18650	25RB#25	23.55	22.75	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.53	22.73	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.62	23.82	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.61	23.81	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.65	23.85	PASS
Band2	10MHz	QPSK	18900	25RB#0	23.53	22.73	PASS
Band2	10MHz	QPSK	18900	25RB#12	23.62	22.82	PASS
Band2	10MHz	QPSK	18900	25RB#25	23.59	22.79	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.64	22.84	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.72	23.92	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.69	23.89	PASS

Band2	10MHz	QPSK	19150	1RB#49	24.62	23.82	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.64	22.84	PASS
Band2	10MHz	QPSK	19150	25RB#12	23.67	22.87	PASS
Band2	10MHz	QPSK	19150	25RB#25	23.55	22.75	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.60	22.8	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.59	22.79	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.71	22.91	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.76	22.96	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.41	21.61	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.41	21.61	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.58	21.78	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.51	21.71	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.78	22.98	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.84	23.04	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.85	23.05	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.66	21.86	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.63	21.83	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.67	21.87	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.57	21.77	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.67	22.87	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.58	22.78	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.53	22.73	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.64	21.84	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.74	21.94	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.55	21.75	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.66	21.86	PASS
Band2	15MHz	QPSK	18675	1RB#0	24.40	23.6	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.62	23.82	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.62	23.82	PASS
Band2	15MHz	QPSK	18675	38RB#0	23.64	22.84	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.63	22.83	PASS
Band2	15MHz	QPSK	18675	38RB#37	23.66	22.86	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.67	22.87	PASS
Band2	15MHz	QPSK	18900	1RB#0	24.62	23.82	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.69	23.89	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.66	23.86	PASS
Band2	15MHz	QPSK	18900	38RB#0	23.70	22.9	PASS

Band2	15MHz	QPSK	18900	38RB#18	23.71	22.91	PASS
Band2	15MHz	QPSK	18900	38RB#37	23.72	22.92	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.68	22.88	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.71	23.91	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.80	24	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.60	23.8	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.77	22.97	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.82	23.02	PASS
Band2	15MHz	QPSK	19125	38RB#37	23.80	23	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.78	22.98	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.55	22.75	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.80	23	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.83	23.03	PASS
Band2	15MHz	16QAM	18675	38RB#0	23.66	22.86	PASS
Band2	15MHz	16QAM	18675	38RB#18	23.63	22.83	PASS
Band2	15MHz	16QAM	18675	38RB#37	23.61	22.81	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.55	21.75	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.81	23.01	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.93	23.13	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.96	23.16	PASS
Band2	15MHz	16QAM	18900	38RB#0	23.74	22.94	PASS
Band2	15MHz	16QAM	18900	38RB#18	23.68	22.88	PASS
Band2	15MHz	16QAM	18900	38RB#37	23.67	22.87	PASS
Band2	15MHz	16QAM	18900	75RB#0	22.68	21.88	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.64	22.84	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.68	22.88	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.53	22.73	PASS
Band2	15MHz	16QAM	19125	38RB#0	23.85	23.05	PASS
Band2	15MHz	16QAM	19125	38RB#18	23.78	22.98	PASS
Band2	15MHz	16QAM	19125	38RB#37	23.82	23.02	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.76	21.96	PASS
Band2	20MHz	QPSK	18700	1RB#0	24.46	23.66	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.81	24.01	PASS
Band2	20MHz	QPSK	18700	1RB#99	24.73	23.93	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.52	22.72	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.54	22.74	PASS
Band2	20MHz	QPSK	18700	50RB#50	23.79	22.99	PASS

Band2	20MHz	QPSK	18700	100RB#0	23.67	22.87	PASS
Band2	20MHz	QPSK	18900	1RB#0	24.64	23.84	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.76	23.96	PASS
Band2	20MHz	QPSK	18900	1RB#99	24.73	23.93	PASS
Band2	20MHz	QPSK	18900	50RB#0	23.65	22.85	PASS
Band2	20MHz	QPSK	18900	50RB#25	23.65	22.85	PASS
Band2	20MHz	QPSK	18900	50RB#50	23.71	22.91	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.65	22.85	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.65	23.85	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.89	24.09	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.59	23.79	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.78	22.98	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.75	22.95	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.63	22.83	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.70	22.9	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.49	22.69	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.83	23.03	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.70	22.9	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.49	21.69	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.51	21.71	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.80	22	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.66	21.86	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.60	22.8	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.80	23	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.69	22.89	PASS
Band2	20MHz	16QAM	18900	50RB#0	22.62	21.82	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.63	21.83	PASS
Band2	20MHz	16QAM	18900	50RB#50	22.66	21.86	PASS
Band2	20MHz	16QAM	18900	100RB#0	22.63	21.83	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.81	23.01	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.97	23.17	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.72	22.92	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.74	21.94	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.70	21.9	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.70	21.9	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.70	21.9	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	3.88	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	4.85	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.24	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.06	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.49	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.47	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.04	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.71	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.22	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.90	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.42	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.39	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	3.96	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.91	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.23	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.12	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	3.39	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.48	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	4.98	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.83	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.10	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.99	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	4.44	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.41	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	3.85	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.96	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.05	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.12	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	3.19	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.40	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	4.78	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.78	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	4.88	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.97	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	4.05	13	PASS

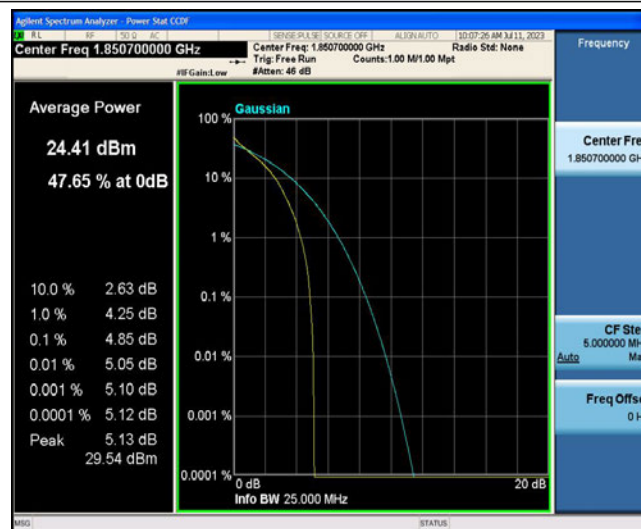
Band2	5MHz	16QAM	19175	25RB#0	5.28	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	3.74	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.12	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	3.98	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.18	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	3.27	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.47	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	4.69	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.95	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	4.85	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.02	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	4.30	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.37	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	3.77	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.44	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.16	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.50	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	3.86	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	4.88	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	4.75	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.13	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	4.99	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.14	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	4.88	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.68	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	3.82	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.34	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.33	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.39	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.29	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.09	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	4.69	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.28	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.26	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.91	13	PASS

Test Graphs

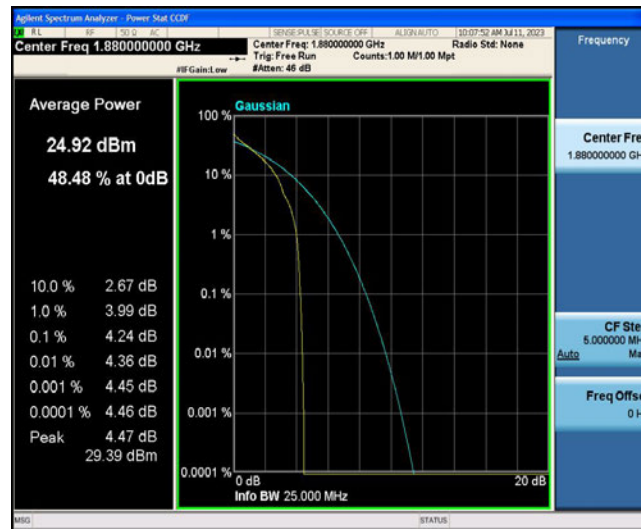
Band2-1.4MHz-QPSK-18607-1RB#0



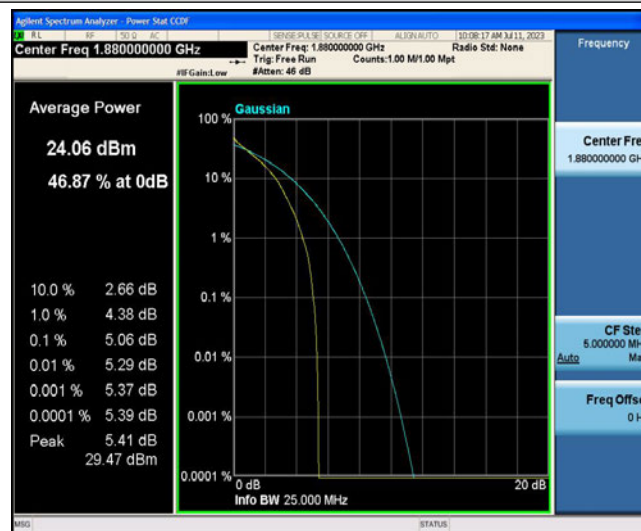
Band2-1.4MHz-QPSK-18607-6RB#0



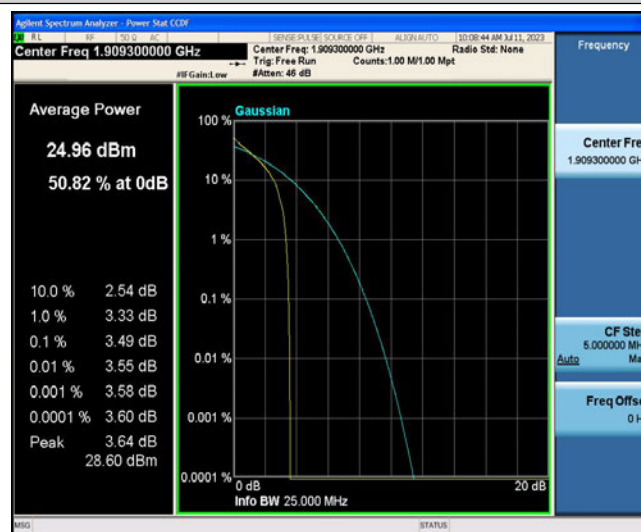
Band2-1.4MHz-QPSK-18900-1RB#0



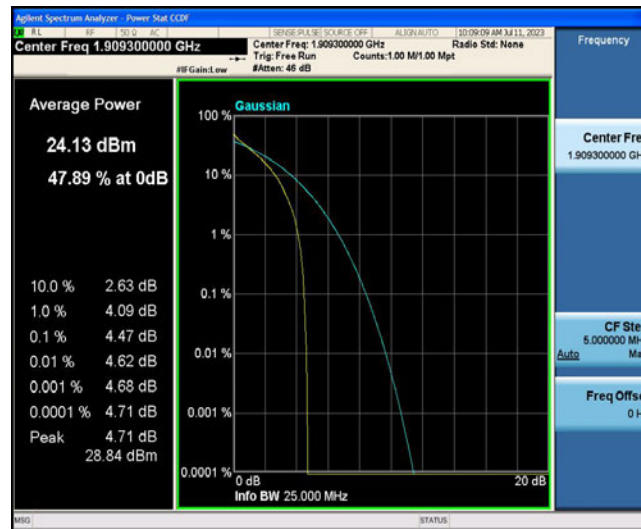
Band2-1.4MHz-QPSK-18900-6RB#0



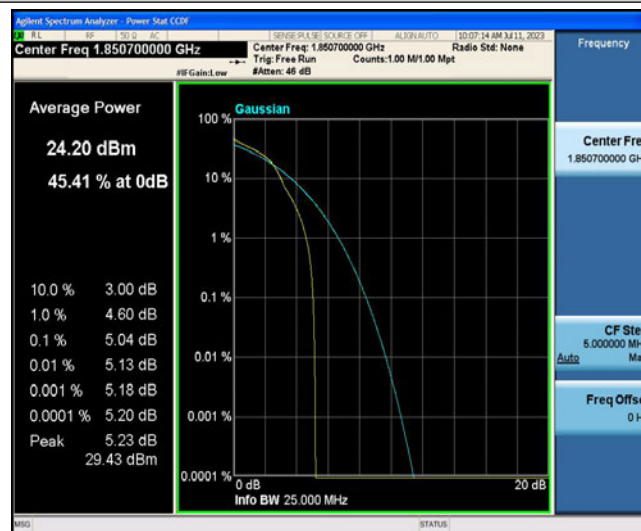
Band2-1.4MHz-QPSK-19193-1RB#0



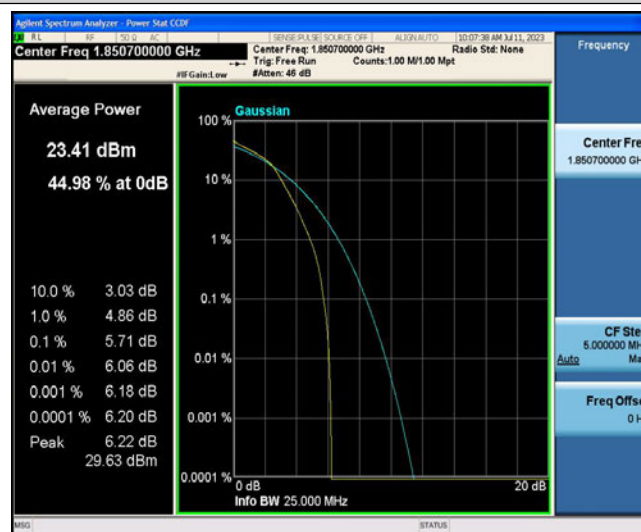
Band2-1.4MHz-QPSK-19193-6RB#0



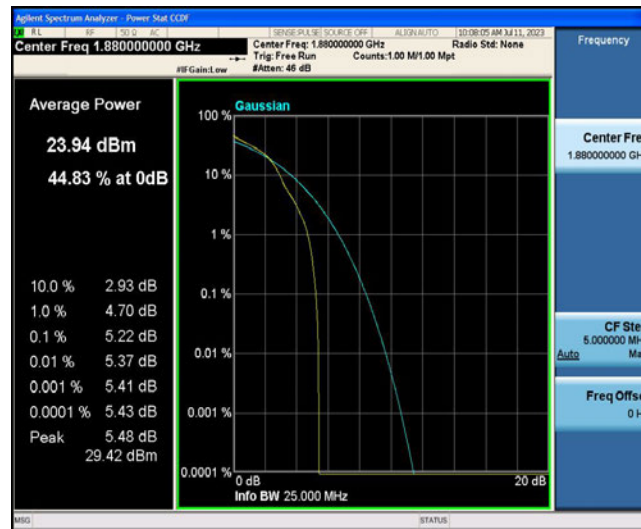
Band2-1.4MHz-16QAM-18607-1RB#0



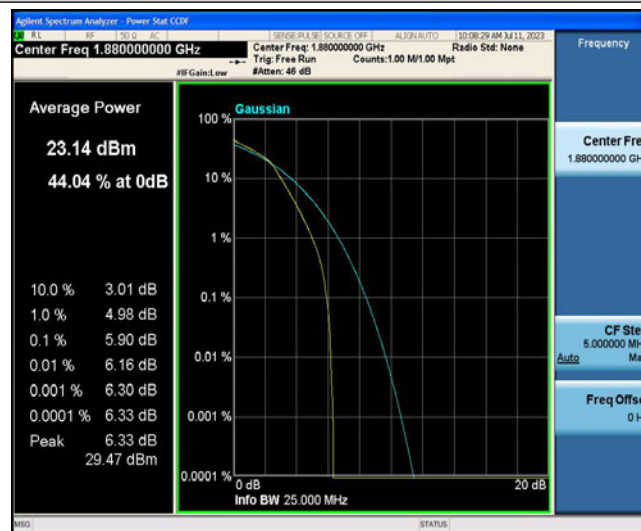
Band2-1.4MHz-16QAM-18607-6RB#0



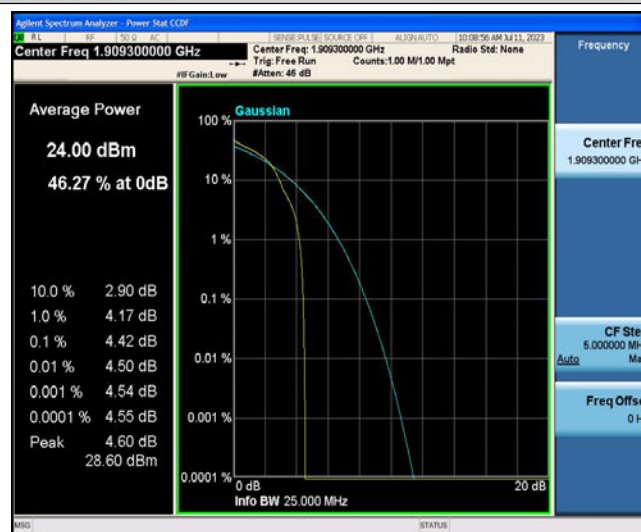
Band2-1.4MHz-16QAM-18900-1RB#0



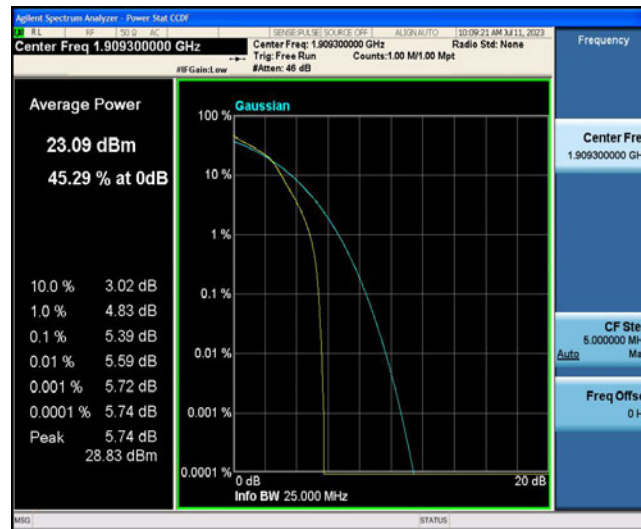
Band2-1.4MHz-16QAM-18900-6RB#0



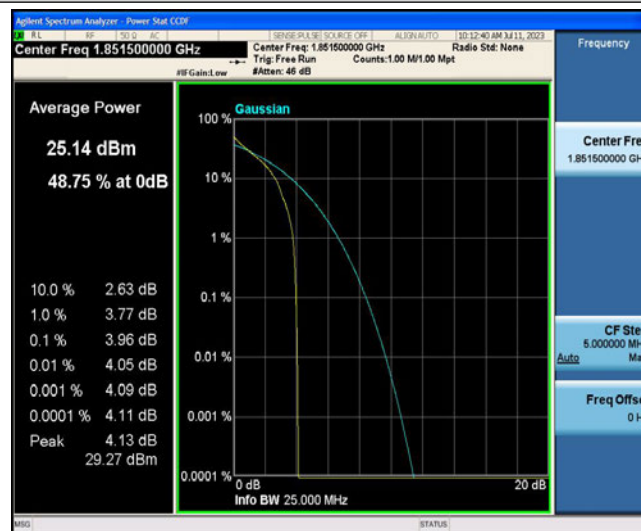
Band2-1.4MHz-16QAM-19193-1RB#0



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



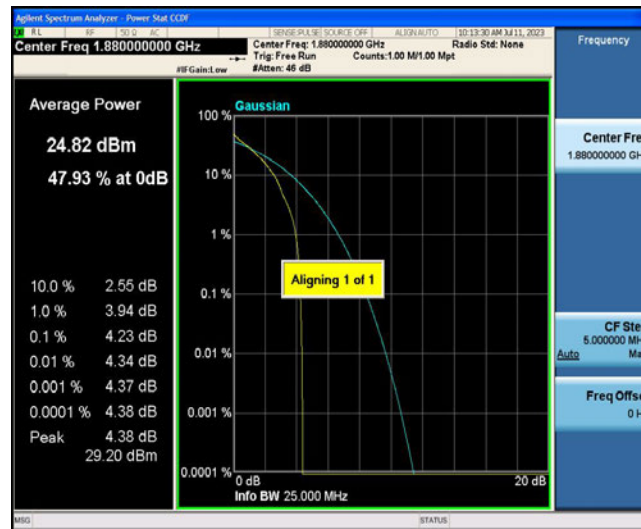
Band2-3MHz-QPSK-18615-1RB#0



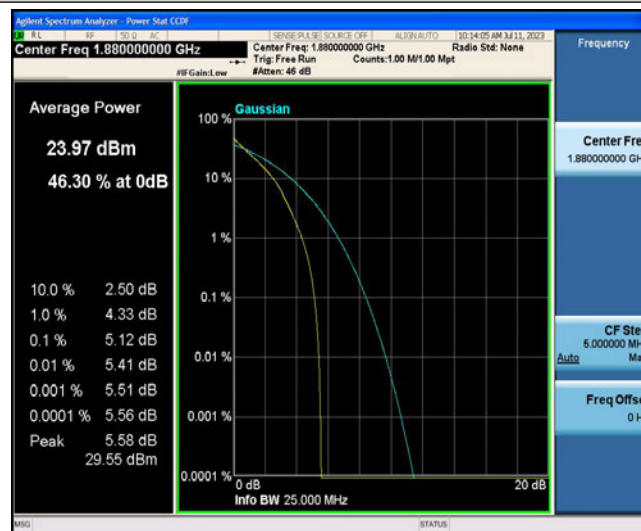
Band2-3MHz-QPSK-18615-15RB#0



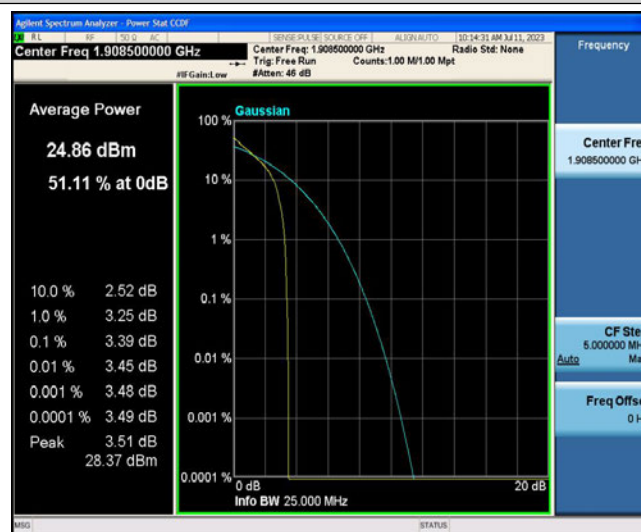
Band2-3MHz-QPSK-18900-1RB#0



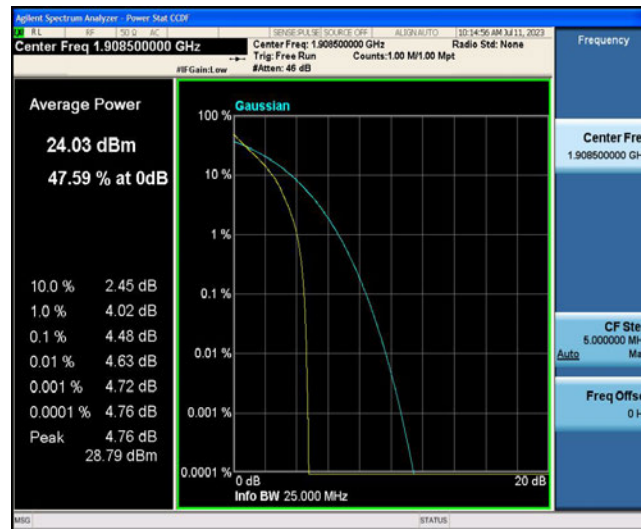
Band2-3MHz-QPSK-18900-15RB#0



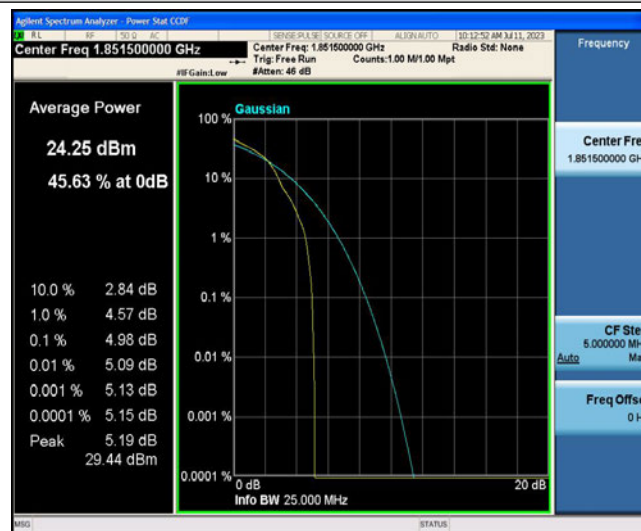
Band2-3MHz-QPSK-19185-1RB#0



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



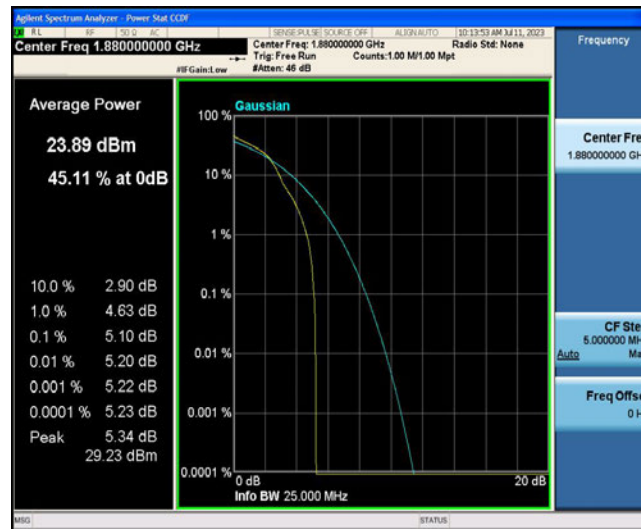
Band2-3MHz-16QAM-18615-1RB#0



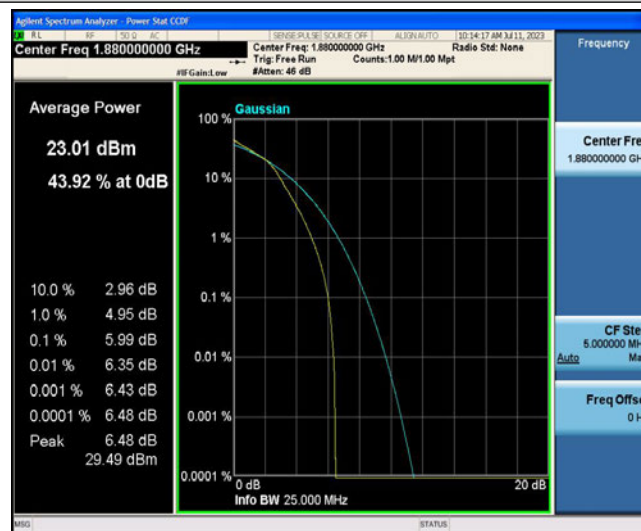
Band2-3MHz-16QAM-18615-15RB#0



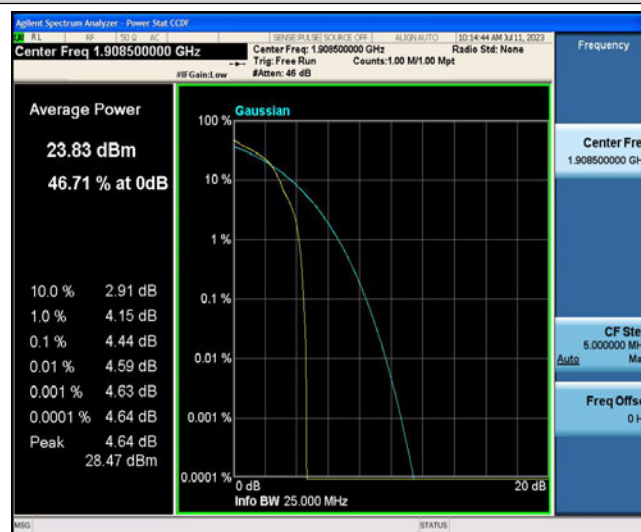
Band2-3MHz-16QAM-18900-1RB#0



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



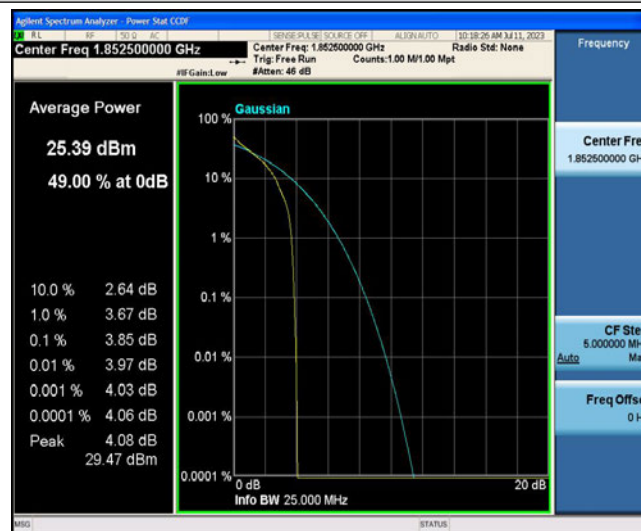
Band2-3MHz-16QAM-19185-1RB#0



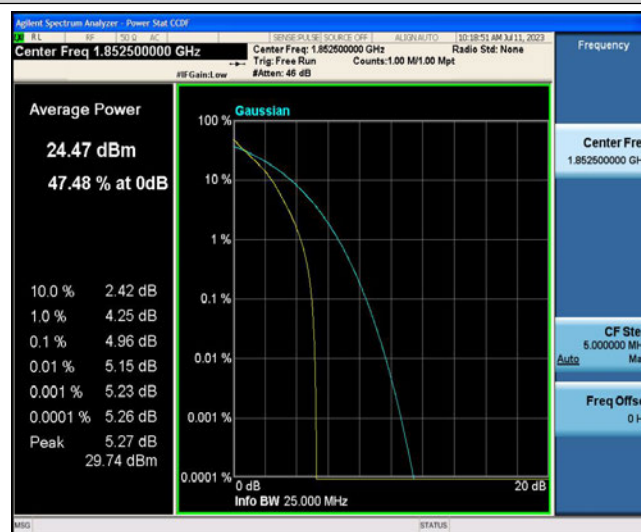
Band2-3MHz-16QAM-19185-15RB#0



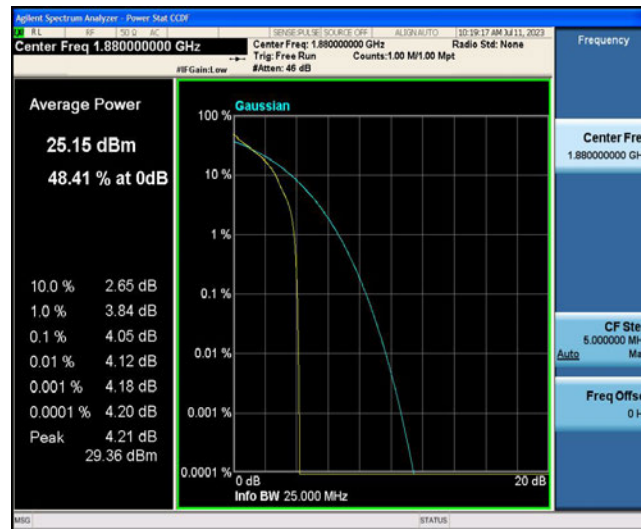
Band2-5MHz-QPSK-18625-1RB#0



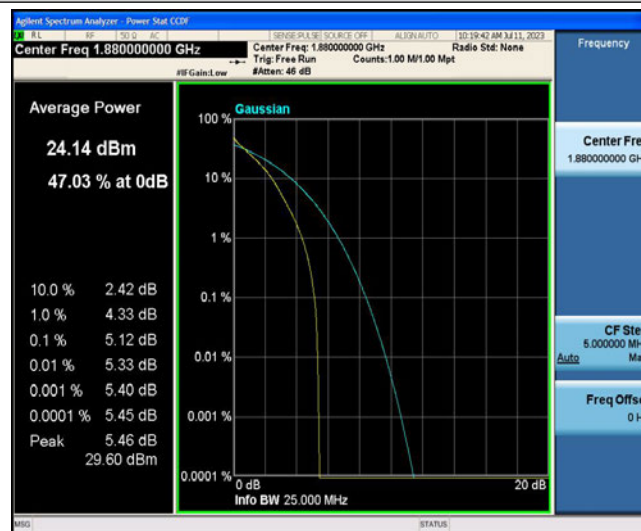
Band2-5MHz-QPSK-18625-25RB#0



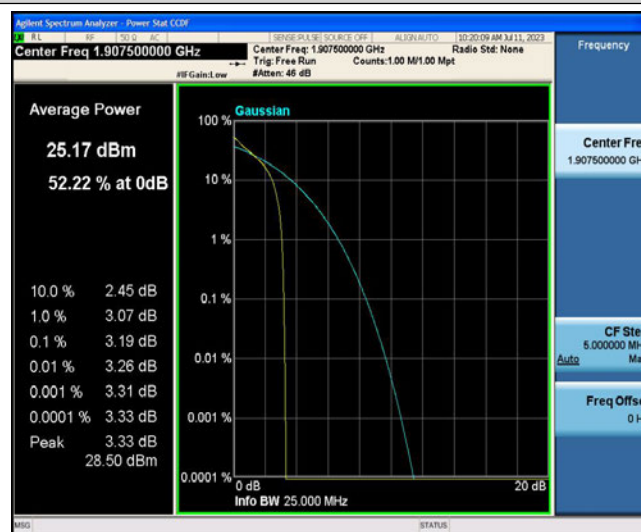
Band2-5MHz-QPSK-18900-1RB#0



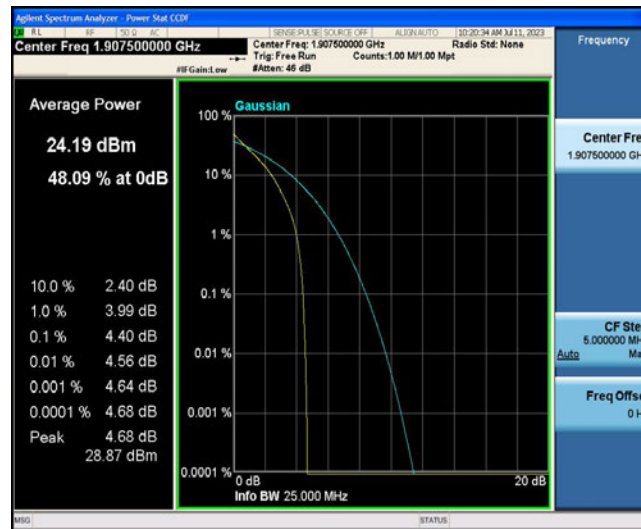
Band2-5MHz-QPSK-18900-25RB#0



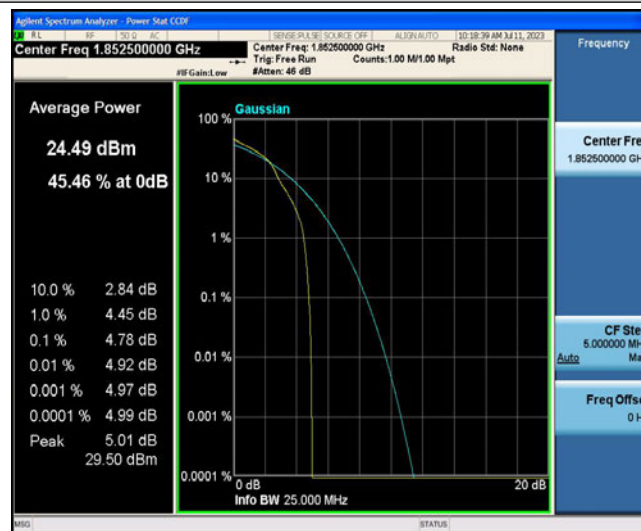
Band2-5MHz-QPSK-19175-1RB#0



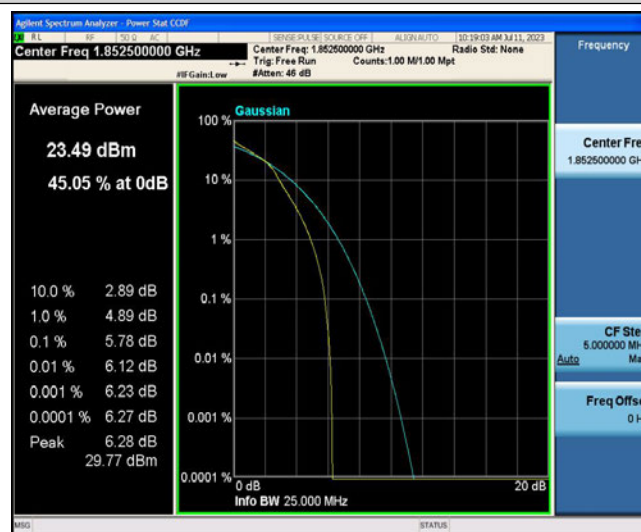
Band2-5MHz-QPSK-19175-25RB#0



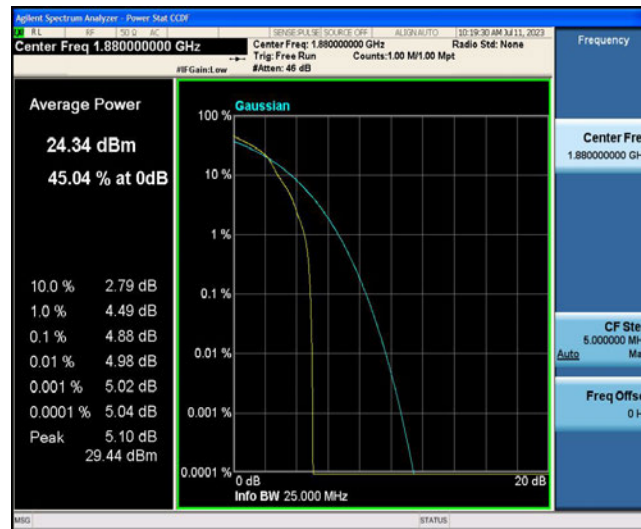
Band2-5MHz-16QAM-18625-1RB#0



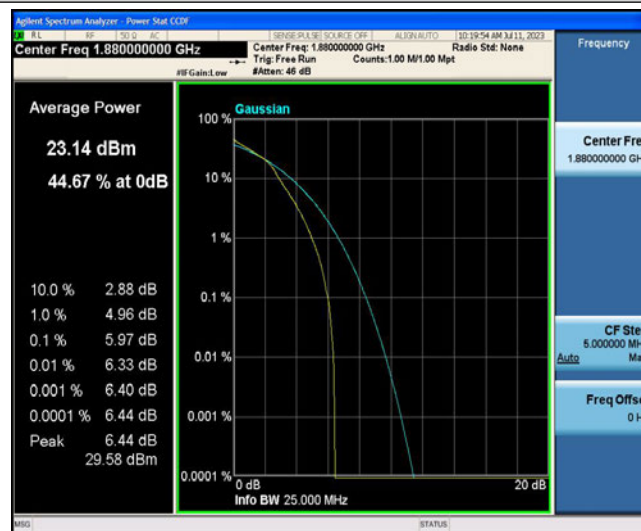
Band2-5MHz-16QAM-18625-25RB#0



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



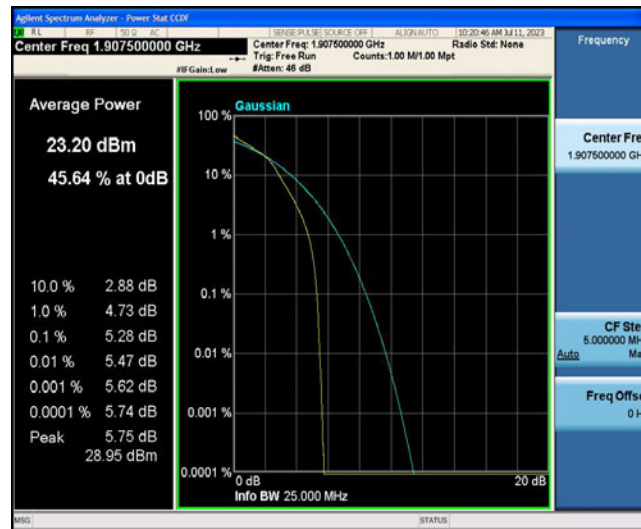
Band2-5MHz-16QAM-18900-25RB#0



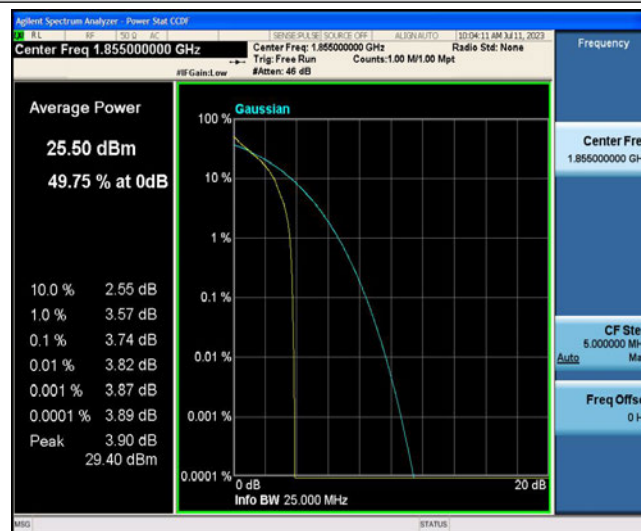
Band2-5MHz-16QAM-19175-1RB#0



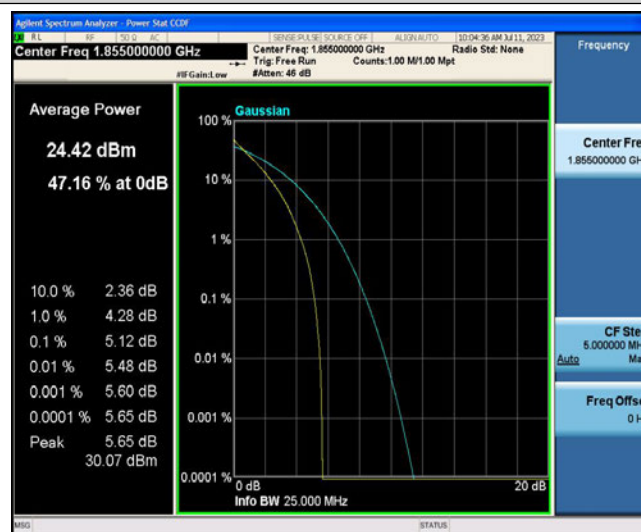
Band2-5MHz-16QAM-19175-25RB#0



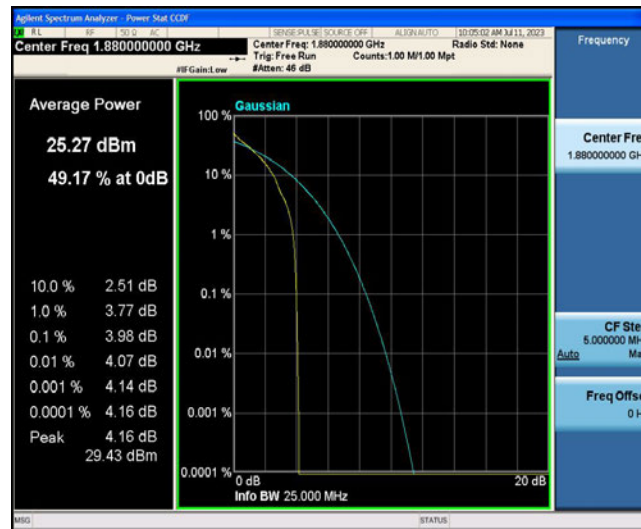
Band2-10MHz-QPSK-18650-1RB#0



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



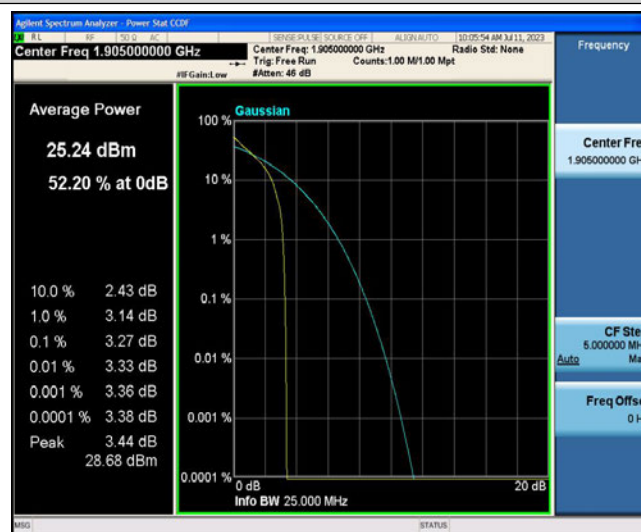
Band2-10MHz-QPSK-18900-1RB#0



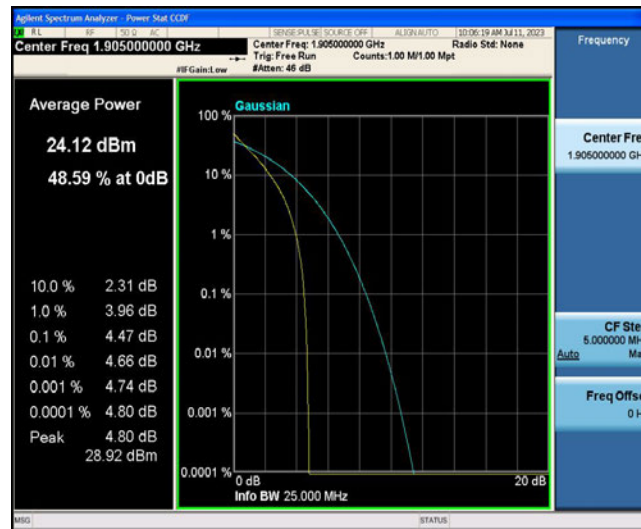
Band2-10MHz-QPSK-18900-50RB#0



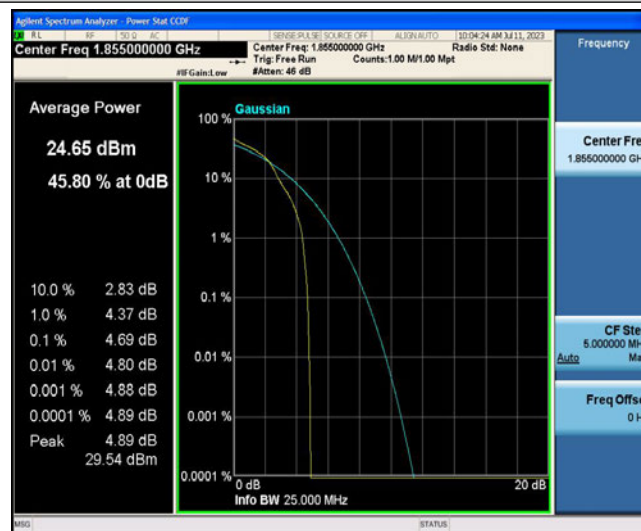
Band2-10MHz-QPSK-19150-1RB#0



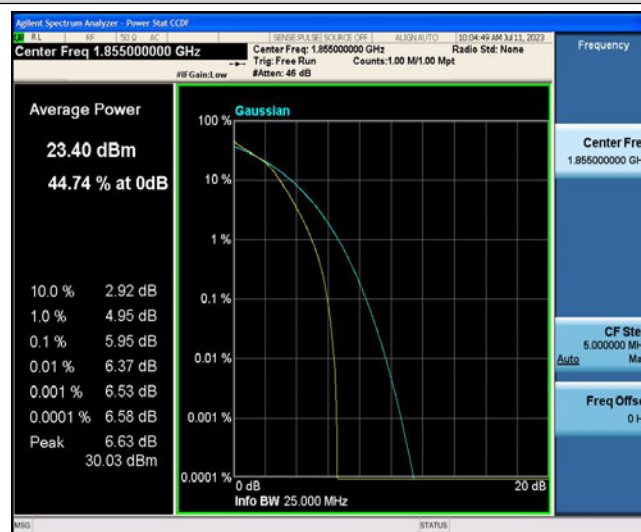
Band2-10MHz-QPSK-19150-50RB#0



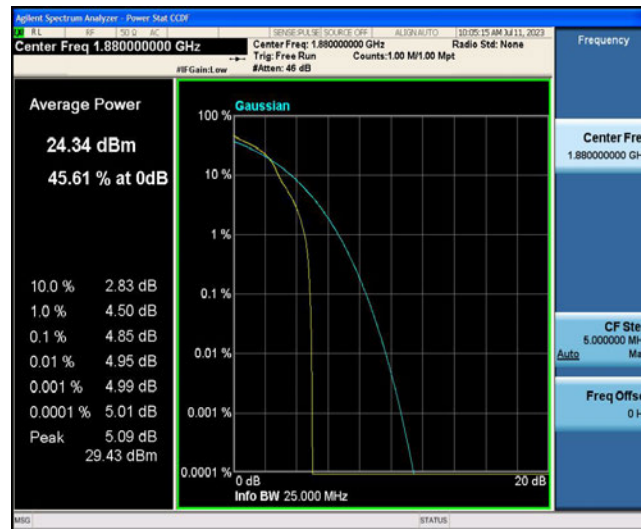
Band2-10MHz-16QAM-18650-1RB#0



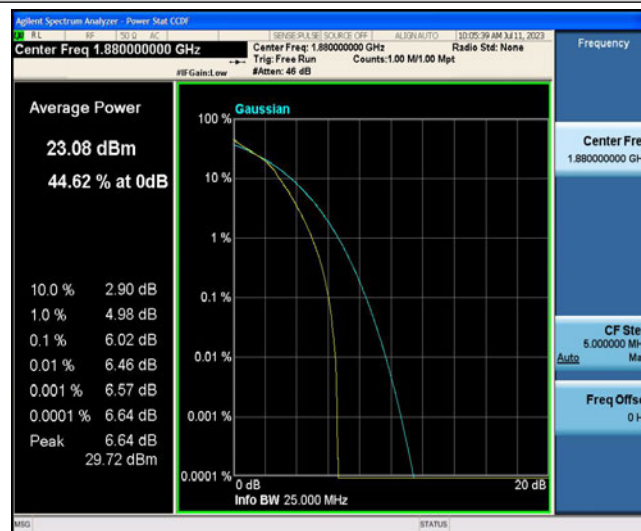
Band2-10MHz-16QAM-18650-50RB#0



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



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



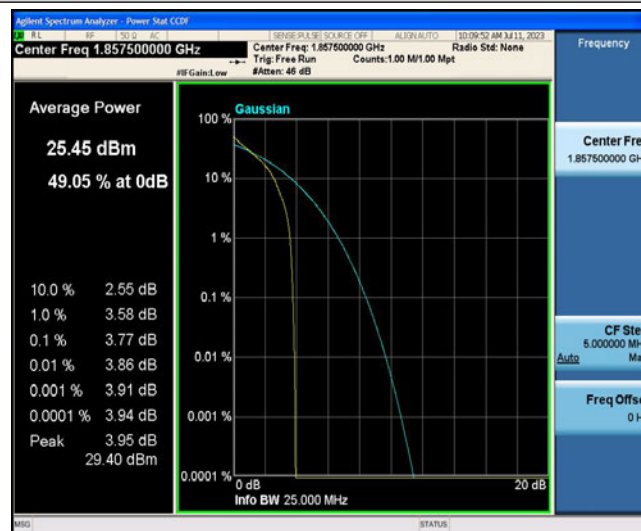
Band2-10MHz-16QAM-19150-1RB#0



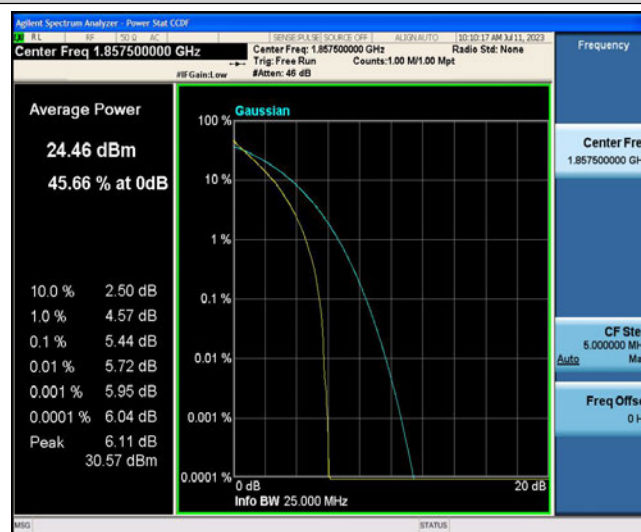
Band2-10MHz-16QAM-19150-50RB#0



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



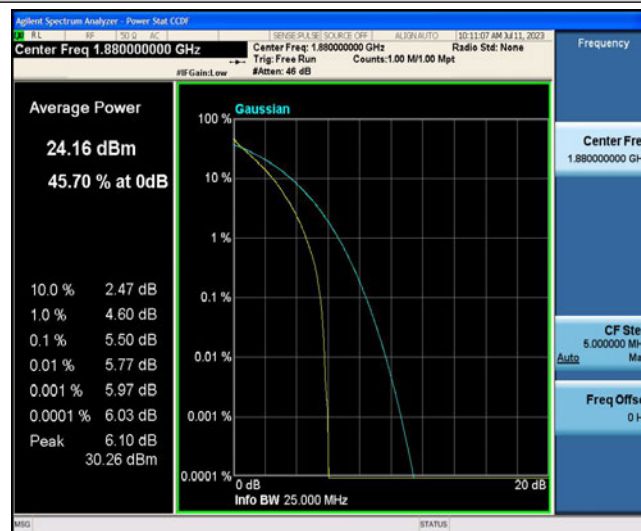
Band2-15MHz-QPSK-18675-75RB#0



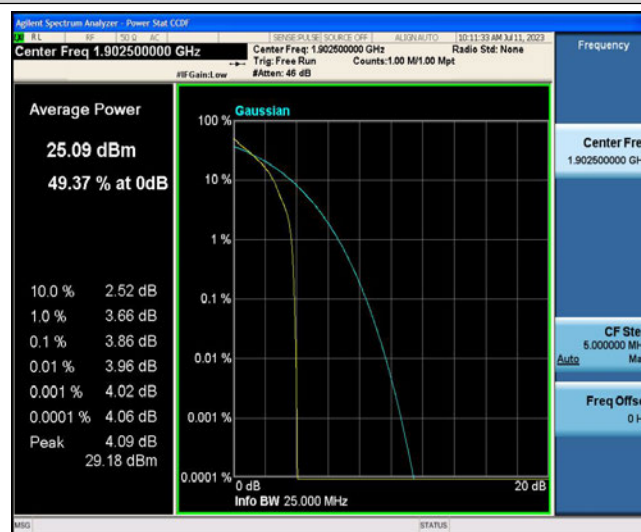
Band2-15MHz-QPSK-18900-1RB#0



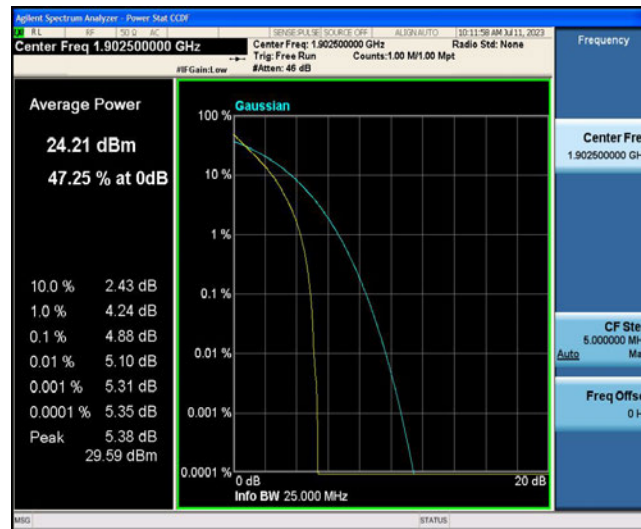
Band2-15MHz-QPSK-18900-75RB#0



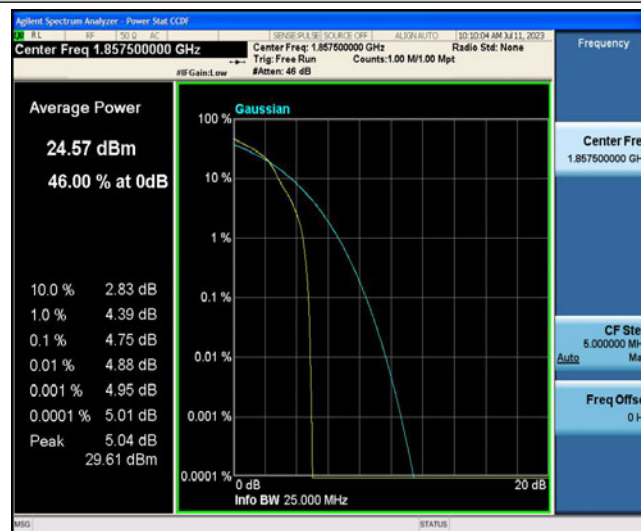
Band2-15MHz-QPSK-19125-1RB#0



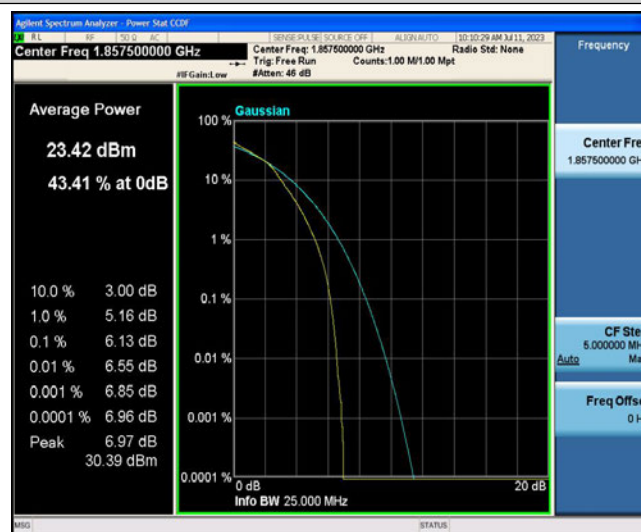
Band2-15MHz-QPSK-19125-75RB#0



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



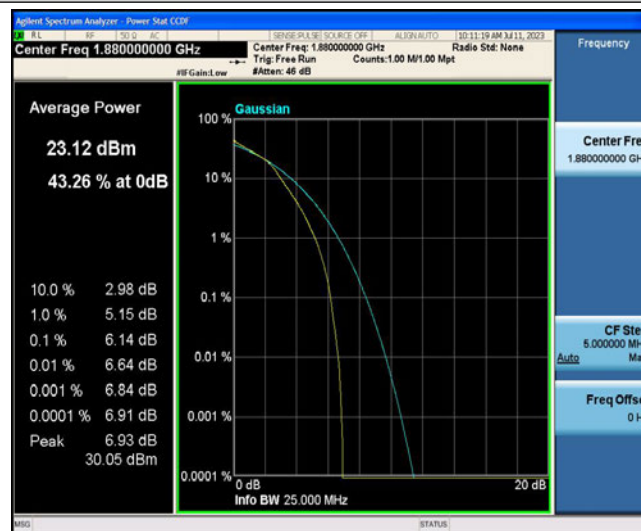
Band2-15MHz-16QAM-18675-75RB#0



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



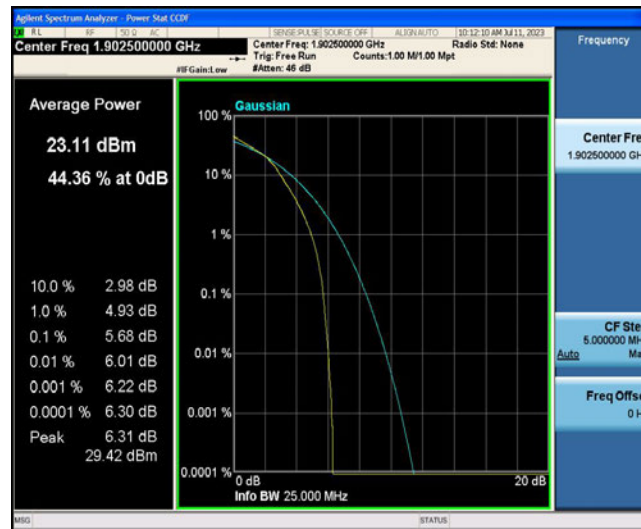
Band2-15MHz-16QAM-18900-75RB#0



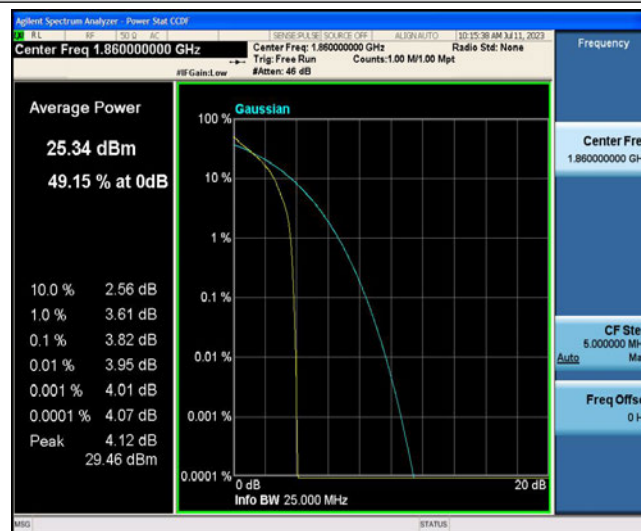
Band2-15MHz-16QAM-19125-1RB#0



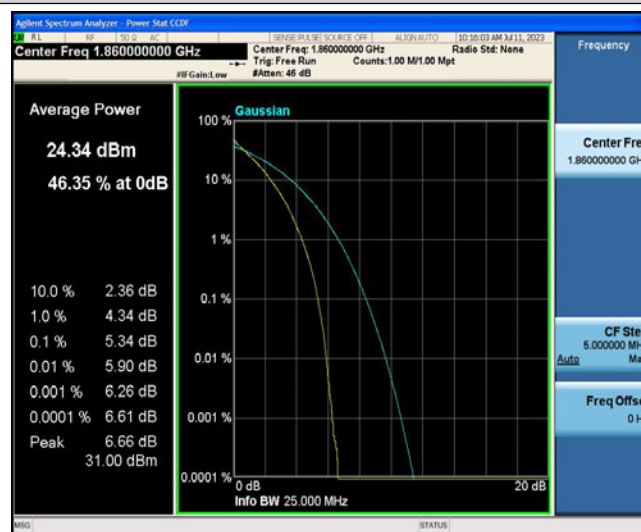
Band2-15MHz-16QAM-19125-75RB#0



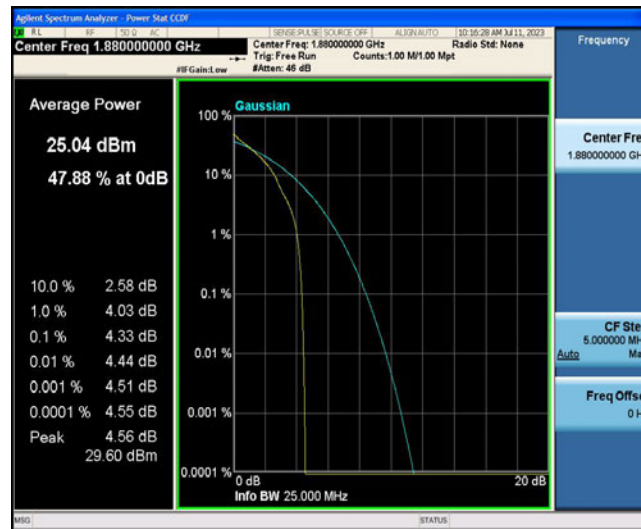
Band2-20MHz-QPSK-18700-1RB#0



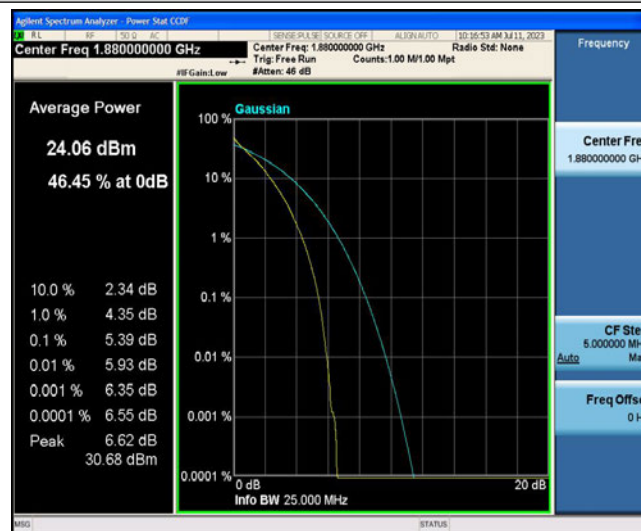
Band2-20MHz-QPSK-18700-100RB#0



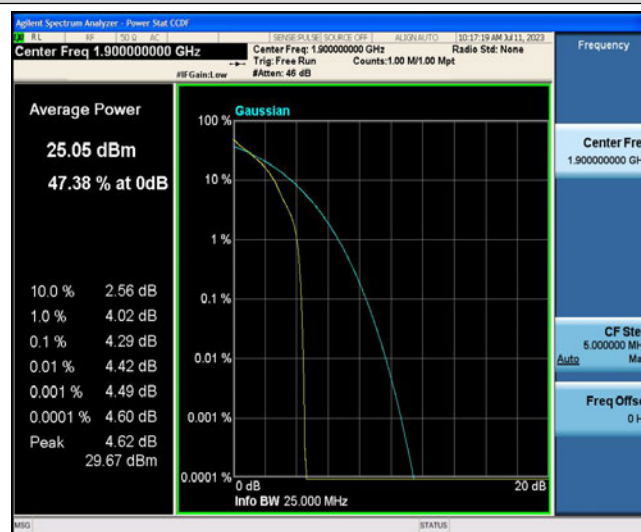
Band2-20MHz-QPSK-18900-1RB#0



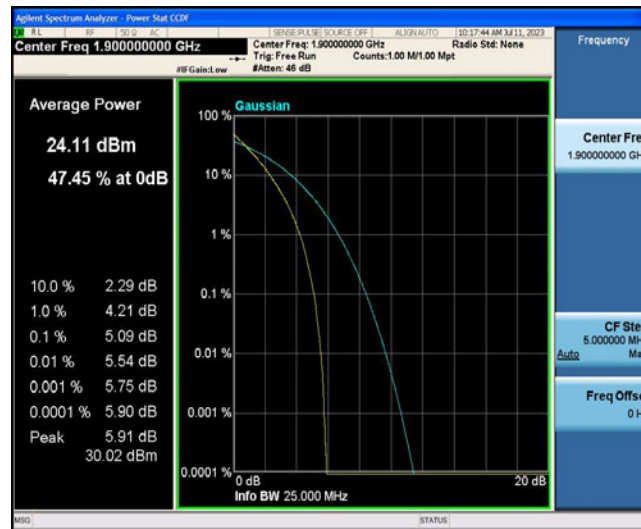
Band2-20MHz-QPSK-18900-100RB#0



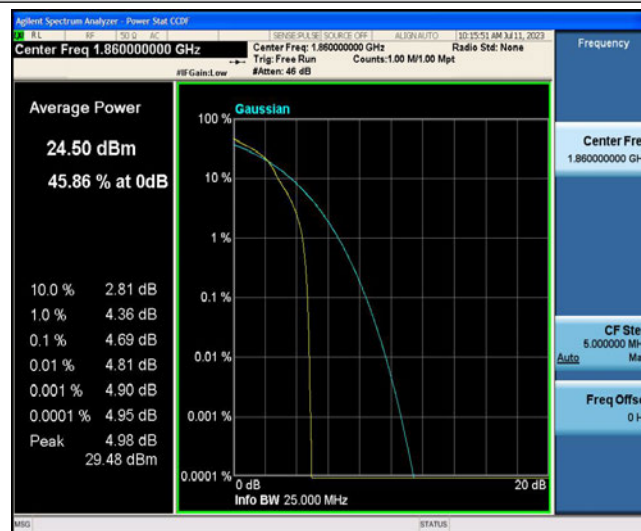
Band2-20MHz-QPSK-19100-1RB#0



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



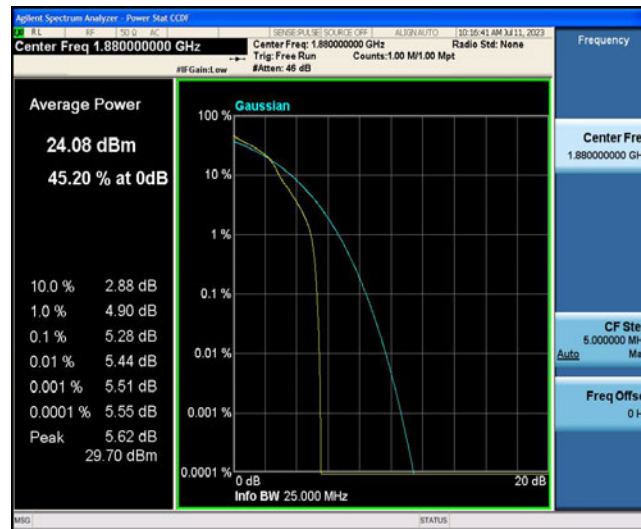
Band2-20MHz-16QAM-18700-1RB#0



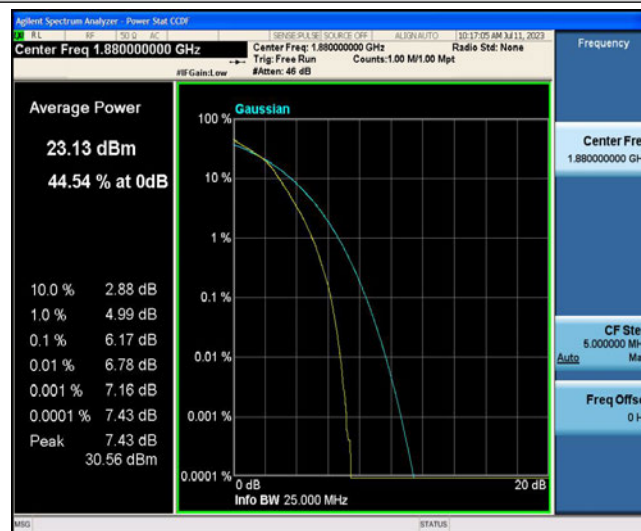
Band2-20MHz-16QAM-18700-100RB#0



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



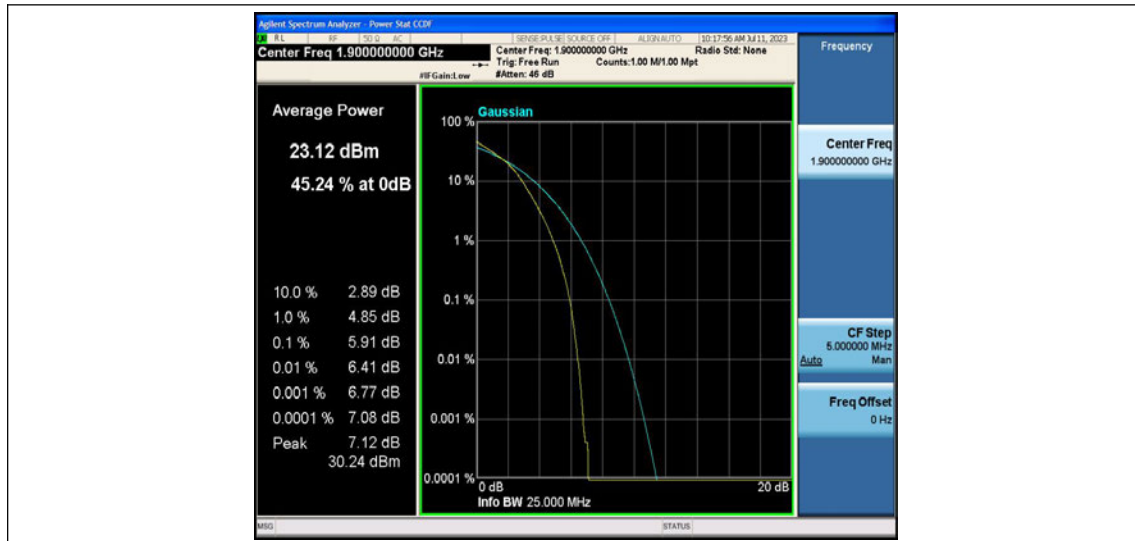
Band2-20MHz-16QAM-18900-100RB#0



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



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

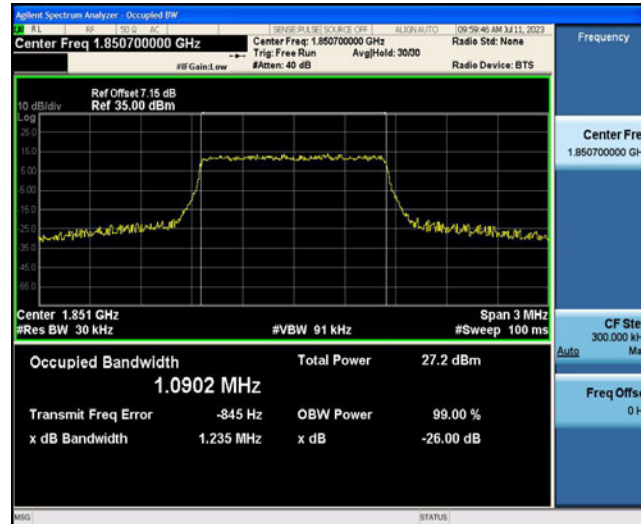
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0902	1.235	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0909	1.257	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0889	1.234	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0886	1.268	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0873	1.238	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0913	1.268	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6845	2.889	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6882	2.907	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6852	2.901	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6841	2.882	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6857	2.906	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6875	2.883	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4991	4.837	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4969	4.819	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5051	4.804	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5039	4.823	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4982	4.842	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5044	4.805	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9693	9.534	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9690	9.498	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9542	9.526	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9591	9.513	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9634	9.502	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9575	9.506	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.461	14.28	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.455	14.28	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.451	14.23	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.451	14.25	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.450	14.27	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.444	14.23	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.931	18.94	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.913	18.97	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.887	18.93	PASS



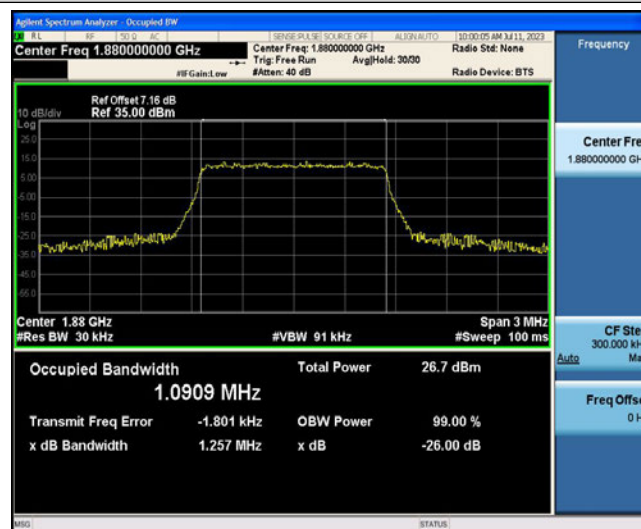
Band2	20MHz	16QAM	18700	100RB#0	17.924	18.95	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.929	18.95	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.895	18.94	PASS

Test Graphs

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



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



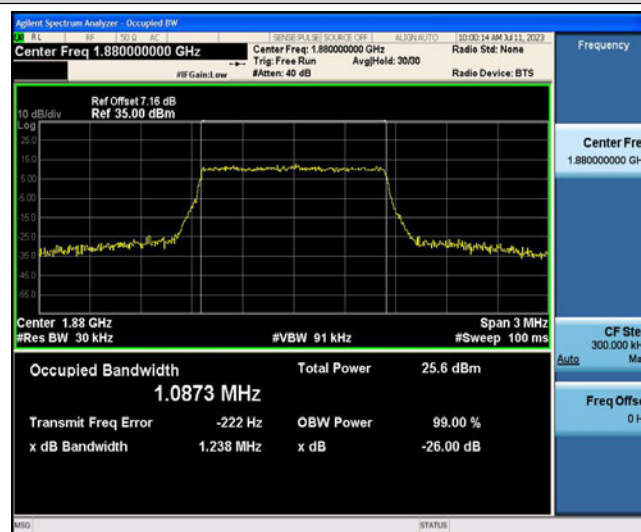
Band2-1.4MHz-QPSK-19193-6RB#0



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



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



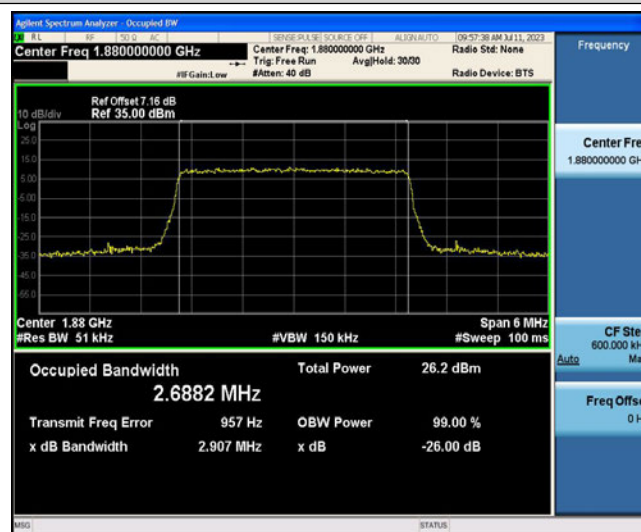
Band2-1.4MHz-16QAM-19193-6RB#0



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



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



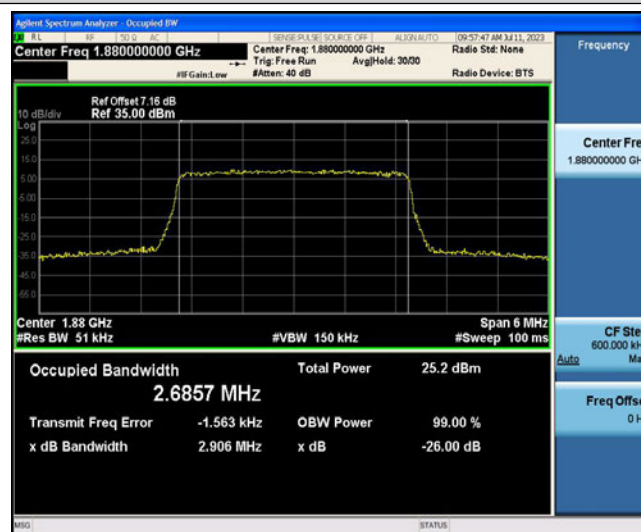
Band2-3MHz-QPSK-19185-15RB#0



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



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



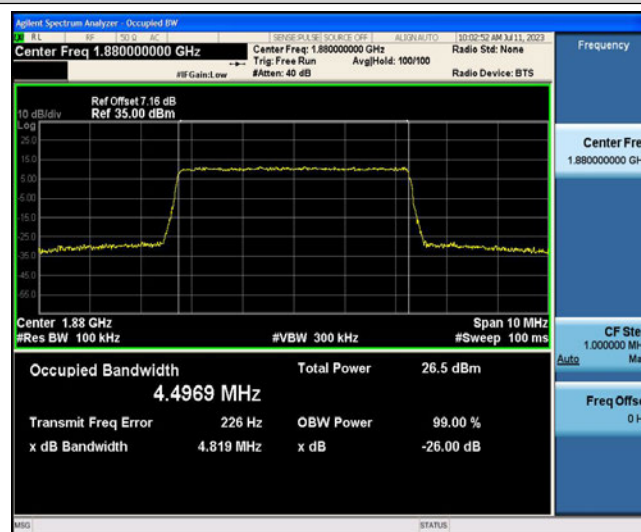
Band2-3MHz-16QAM-19185-15RB#0



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



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



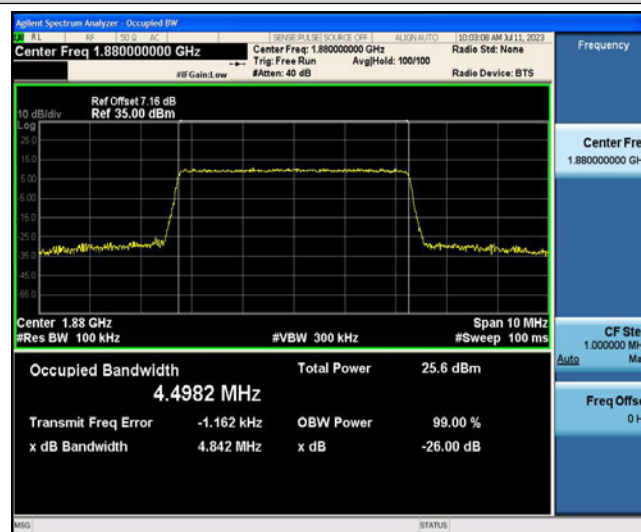
Band2-5MHz-QPSK-19175-25RB#0



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



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



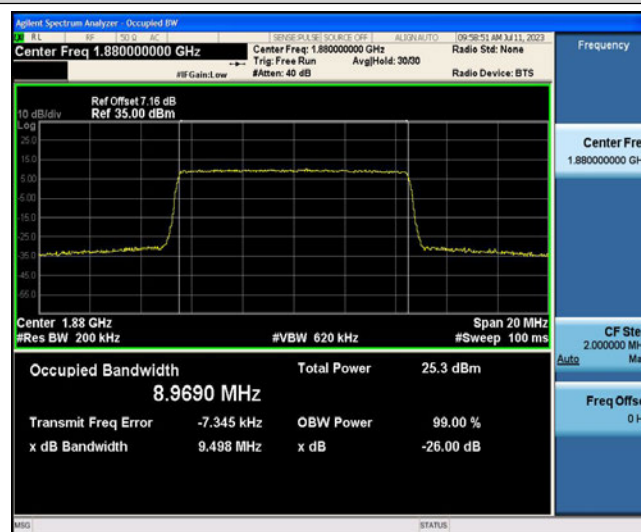
Band2-5MHz-16QAM-19175-25RB#0



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



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



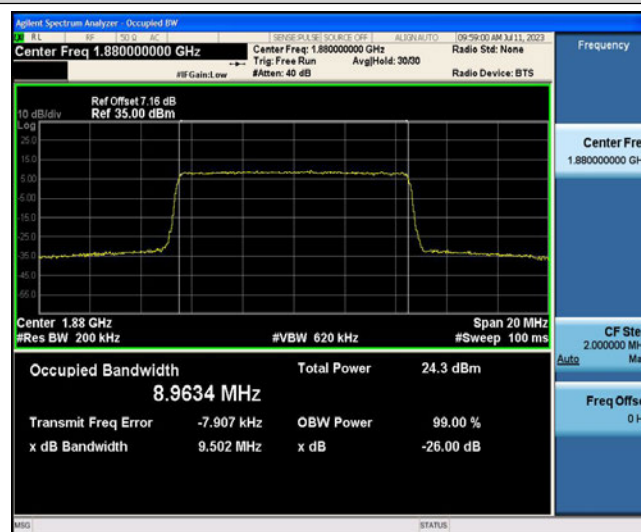
Band2-10MHz-QPSK-19150-50RB#0



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



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



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