



Appendix A Test Data for E-UTRA Band 2

Product Name: LTE 4G USB DONGLE

Test Model: IH500

Environmental Conditions

Temperature:	22.4° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





A.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.89	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.48	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.72	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.71	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.78	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.75	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.69	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.84	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.80	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.49	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.72	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.79	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.64	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.76	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.03	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.67	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.48	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.92	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.76	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.44	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.82	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.59	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.68	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.81	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.40	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.54	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.22	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.82	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.73	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.86	PASS



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Scan code to check authenticity



Band2	1.4MHz	16QAM	18900	1RB#5	21.59	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.51	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.41	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.54	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.92	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.92	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.66	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.45	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.90	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.86	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.42	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.96	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.60	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.67	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.74	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.75	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.76	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.78	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.62	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.51	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.68	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.67	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.77	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.79	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.71	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.64	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.51	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.56	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.63	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.78	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.79	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.93	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.96	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.70	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.07	PASS



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Band2	3MHz	16QAM	18615	1RB#14	21.83	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.76	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.77	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.70	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.83	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.82	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.65	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.71	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.70	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.70	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.63	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.69	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.66	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.99	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.84	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.83	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.97	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.08	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.81	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.69	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.72	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.76	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.66	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.73	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.71	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.78	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.57	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.73	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.64	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.69	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.69	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.70	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.69	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.64	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.00	PASS



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Band2	5MHz	QPSK	19175	1RB#24	22.62	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.67	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.74	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.71	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.75	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.59	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.66	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.64	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.70	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.86	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.83	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.85	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.56	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.61	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.47	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.81	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.82	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.77	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.88	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.76	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.88	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.78	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.89	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.60	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.80	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.73	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.65	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.97	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.74	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.81	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.85	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.80	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.78	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.57	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.77	PASS



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Band2	10MHz	QPSK	18900	1RB#49	22.48	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.82	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.81	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.73	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.82	PASS
Band2	10MHz	QPSK	19150	1RB#0	20.90	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.36	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.01	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.98	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.81	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.59	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.59	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.05	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.79	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.91	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.87	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.03	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.82	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.65	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.26	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.62	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.90	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.96	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.78	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.71	PASS
Band2	10MHz	16QAM	19150	1RB#0	19.89	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.31	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.99	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.10	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.09	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.10	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.87	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.51	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.95	PASS



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Band2	15MHz	QPSK	18675	1RB#74	22.56	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.79	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.09	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.76	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.99	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.61	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.71	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.40	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.62	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.76	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.55	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.86	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.41	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.32	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.42	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.45	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.79	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.81	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.68	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.81	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.01	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.81	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.96	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.89	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.94	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.78	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.76	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.48	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.78	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.72	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.57	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.85	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.57	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.98	PASS



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Band2	15MHz	16QAM	19125	1RB#74	21.74	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.35	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.67	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.72	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.62	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.80	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.90	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.66	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.90	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.88	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.86	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.79	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.69	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.81	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.28	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.67	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.60	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.65	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.72	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.29	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.95	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.46	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.40	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.38	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.51	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.46	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.64	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.80	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.57	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.02	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.01	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.96	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.88	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.88	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.60	PASS



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Band2	20MHz	16QAM	18900	1RB#99	21.73	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.77	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.72	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.68	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.73	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.16	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.94	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.45	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.46	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.55	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.57	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.53	PASS



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Scan code to check authenticity



A.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.49	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	4.96	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.59	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.13	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.34	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.94	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.49	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.84	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.67	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.95	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.26	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.79	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.49	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.07	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.67	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.21	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.55	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.17	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.39	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.86	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.83	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.13	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.67	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.10	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.49	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.10	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.70	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.19	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.83	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.04	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.38	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.90	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.62	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.98	13	PASS



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Band2	5MHz	16QAM	19175	1RB#0	5.53	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.86	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.38	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.09	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.97	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	6.62	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	6.18	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.17	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.24	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.92	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.76	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.98	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	6.03	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.01	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.49	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.37	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.80	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.32	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.73	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.65	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.49	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.05	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.65	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.05	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.63	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	12.90	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.38	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.15	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	5.24	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.06	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.55	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.44	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.29	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.00	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	6.25	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	12.53	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.45	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.24	13	PASS



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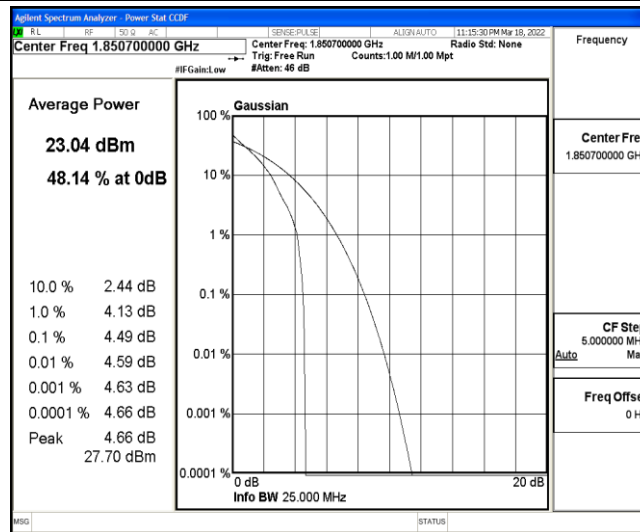
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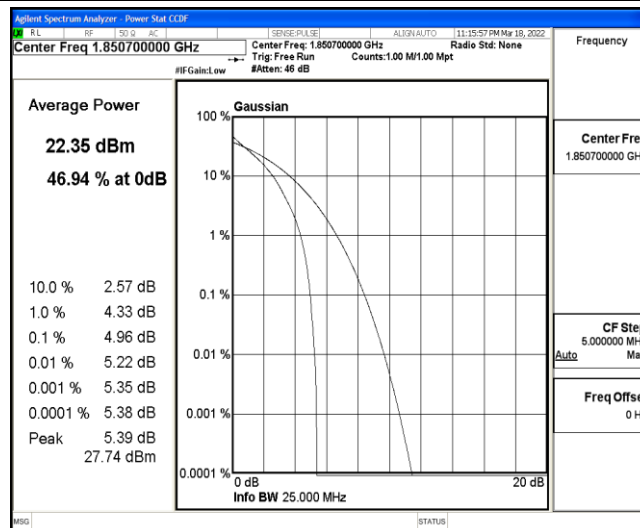


Test Graphs

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



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



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

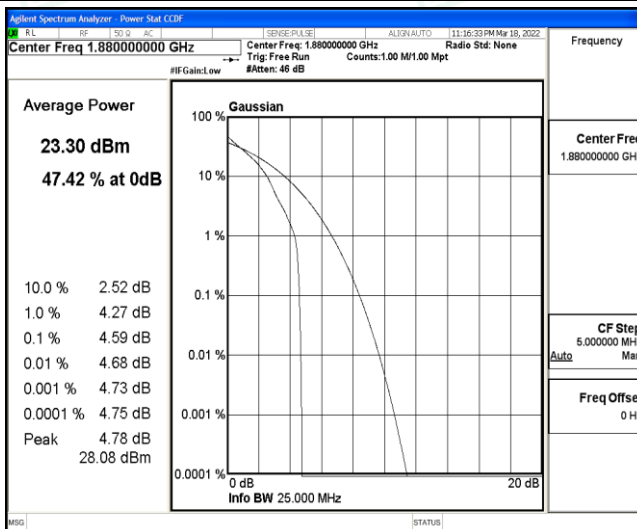


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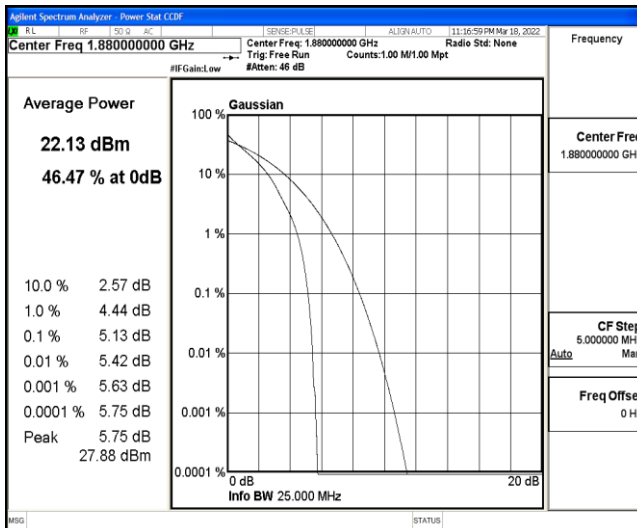
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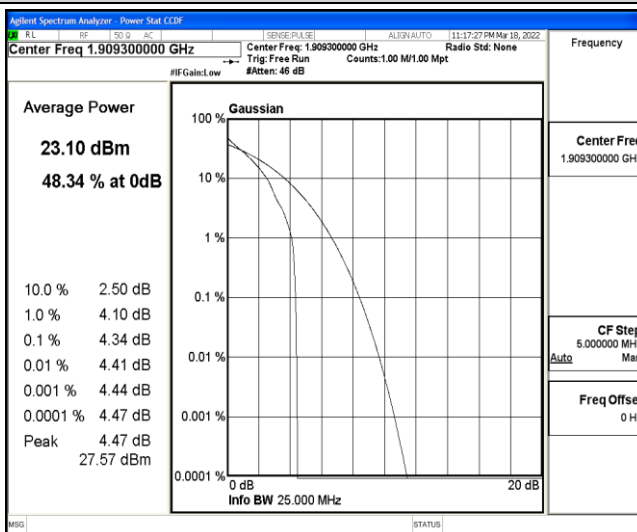
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Band2-1.4MHz-QPSK-18900-6RB#0



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



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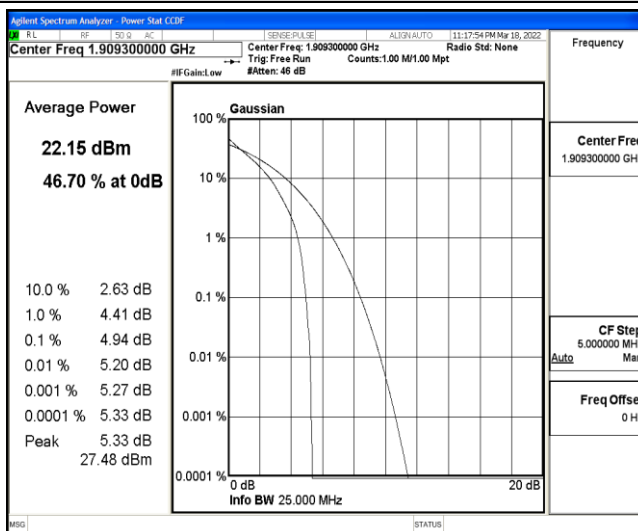
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

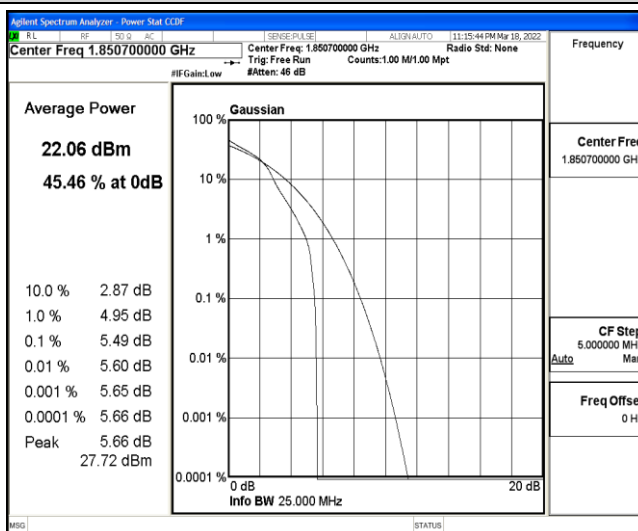
Scan code to check authenticity



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



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



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

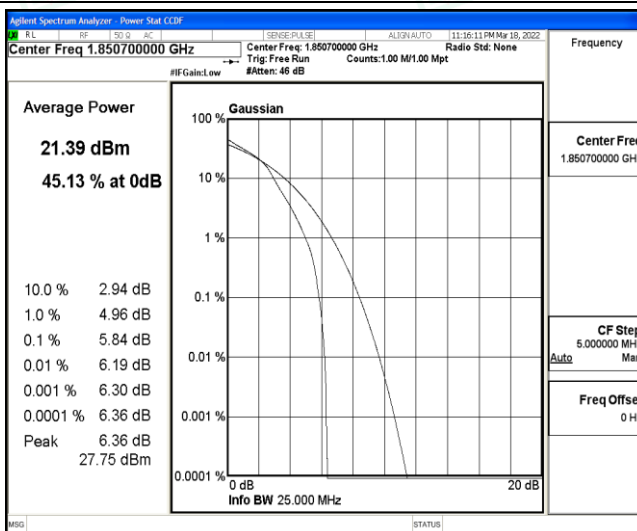


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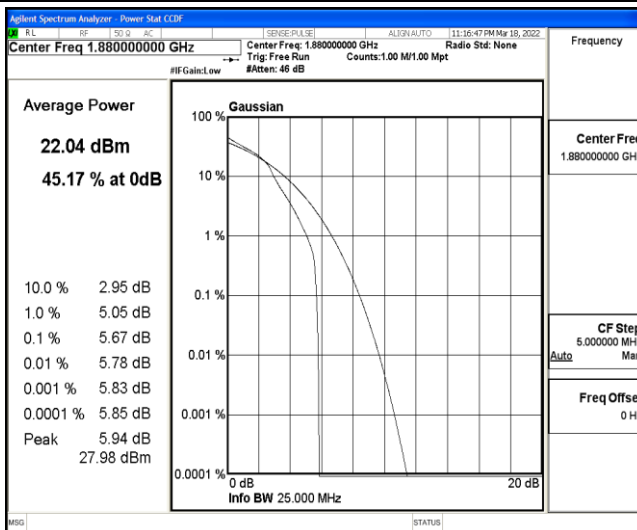
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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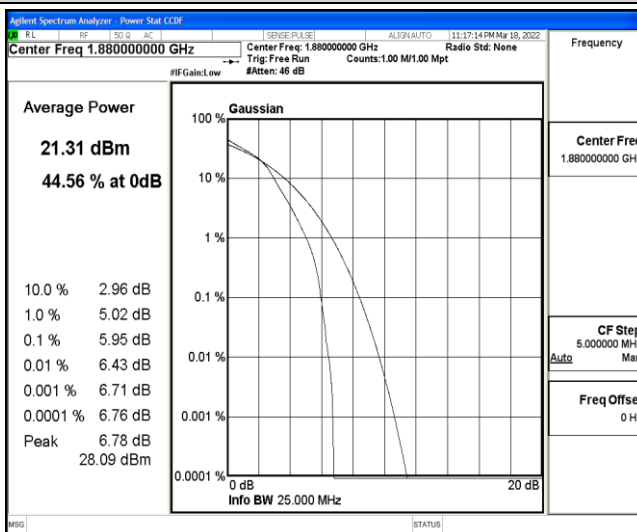
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Band2-1.4MHz-16QAM-18900-1RB#0



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



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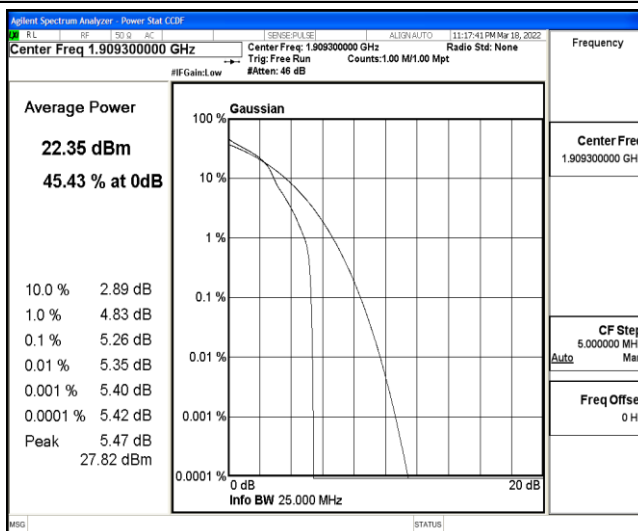
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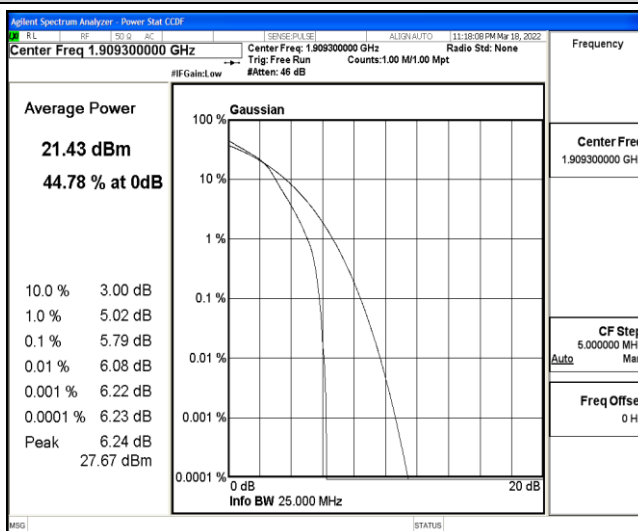
Scan code to check authenticity



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



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



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

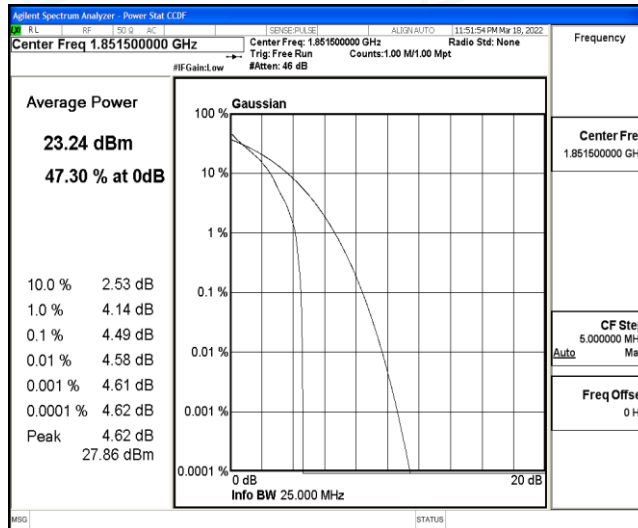


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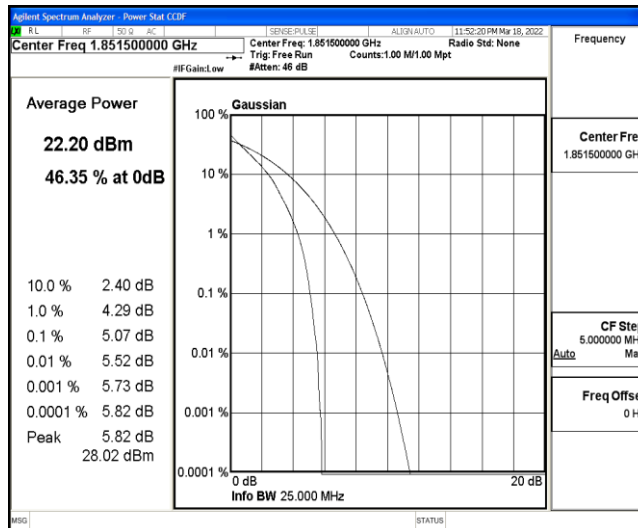
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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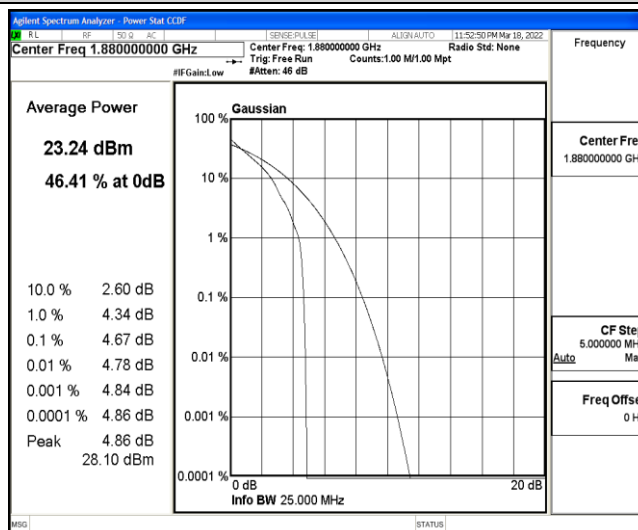
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Band2-3MHz-QPSK-18615-15RB#0



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



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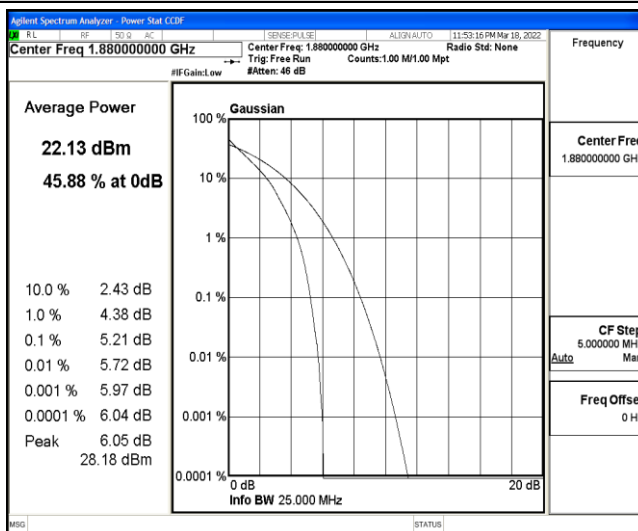
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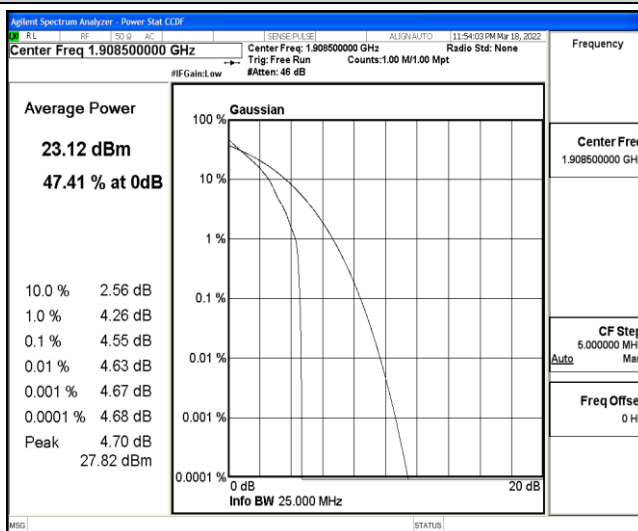
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Band2-3MHz-QPSK-18900-15RB#0



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



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

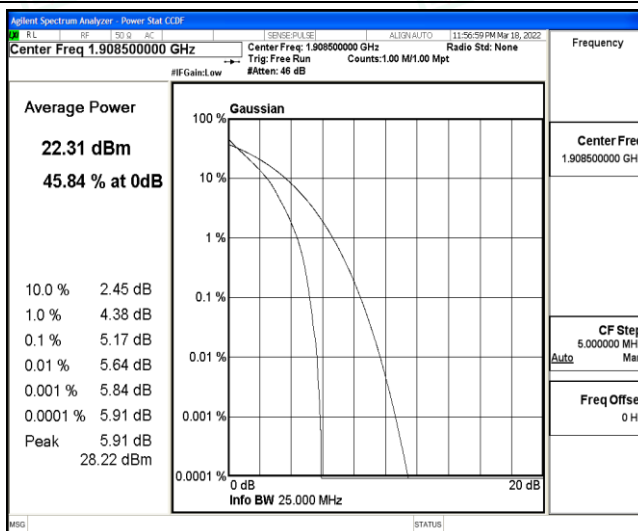


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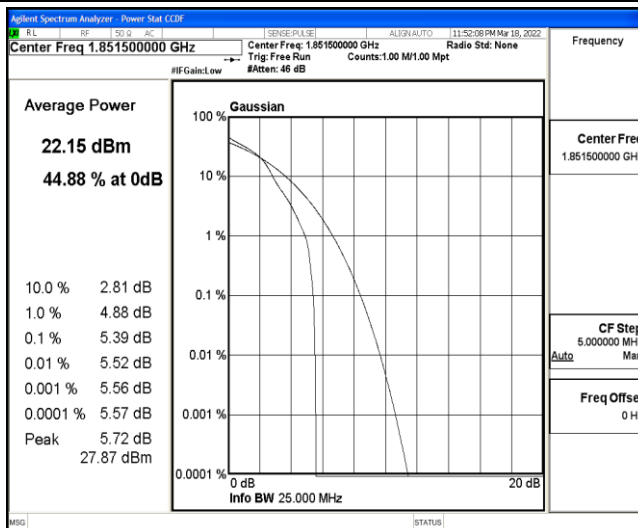
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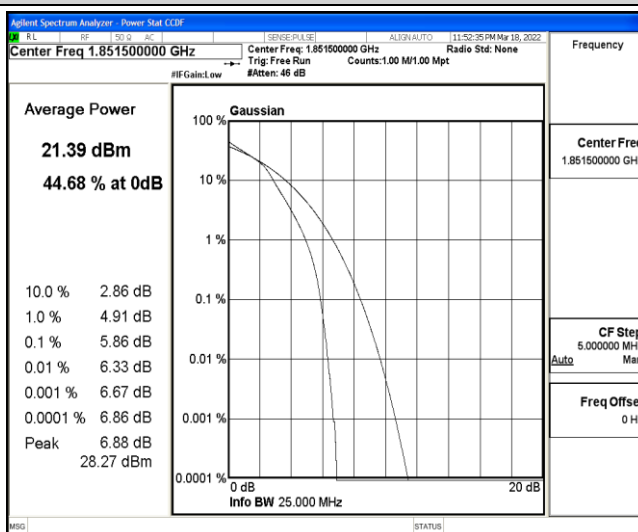
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Band2-3MHz-16QAM-18615-1RB#0



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



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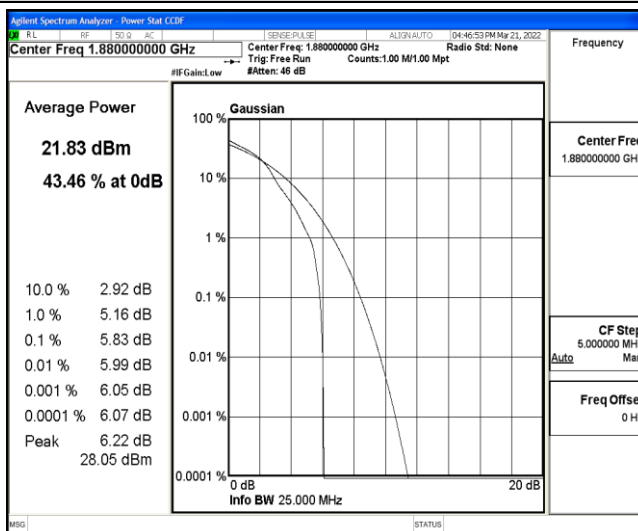
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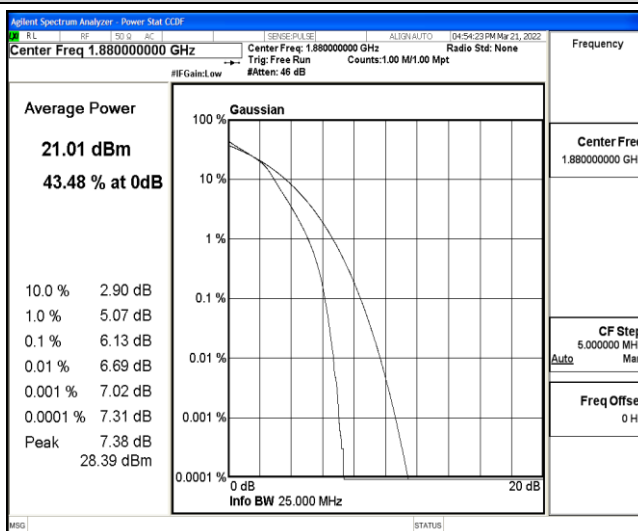
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Band2-3MHz-16QAM-18900-1RB#0



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



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

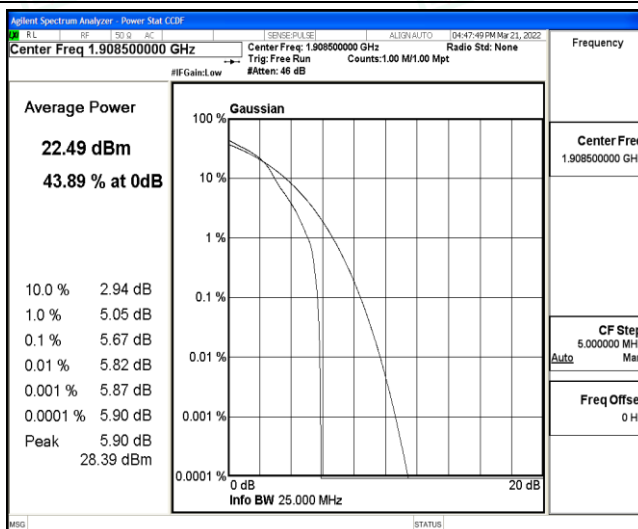


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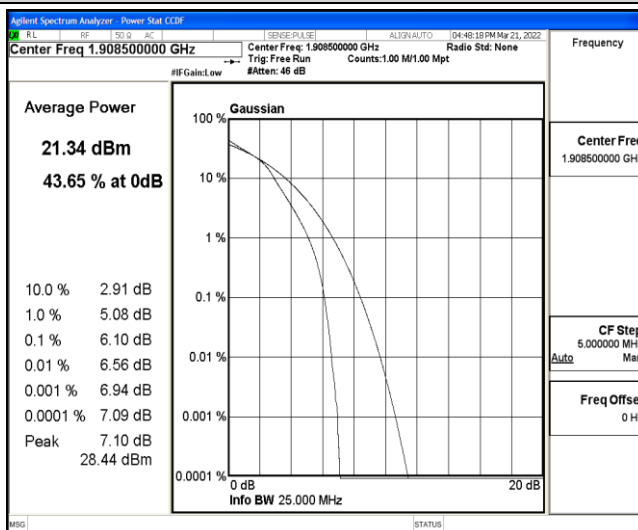
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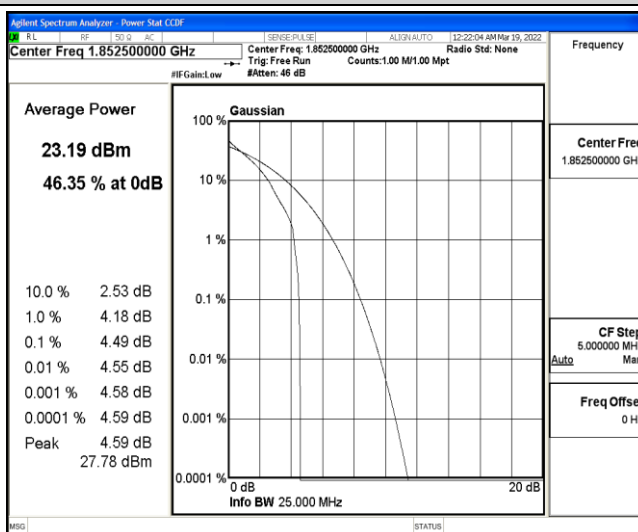
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Band2-3MHz-16QAM-19185-15RB#0



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



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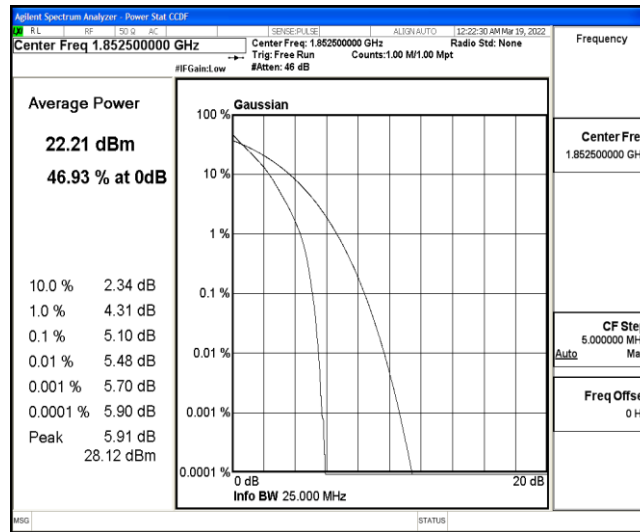
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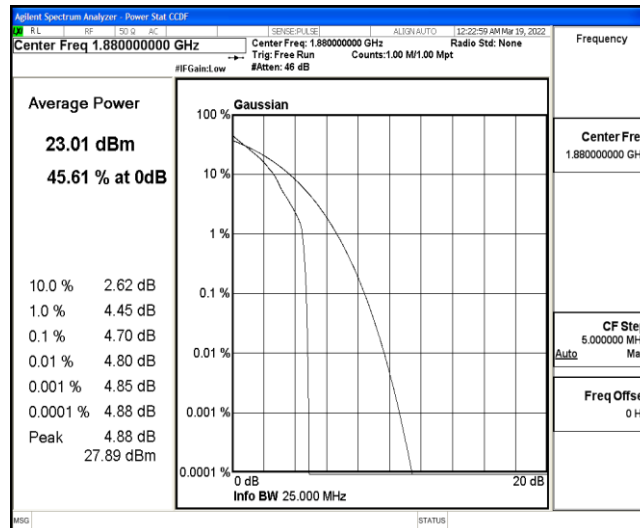
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Band2-5MHz-QPSK-18625-25RB#0



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

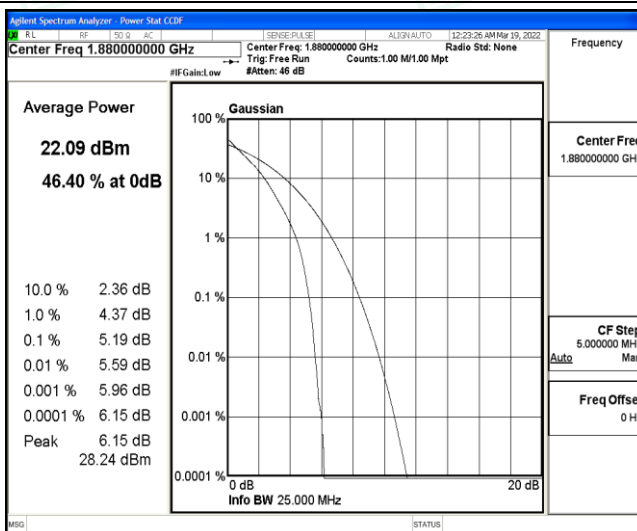


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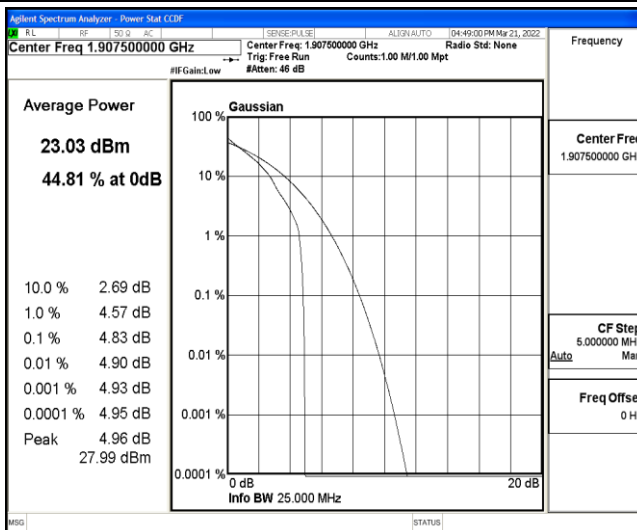
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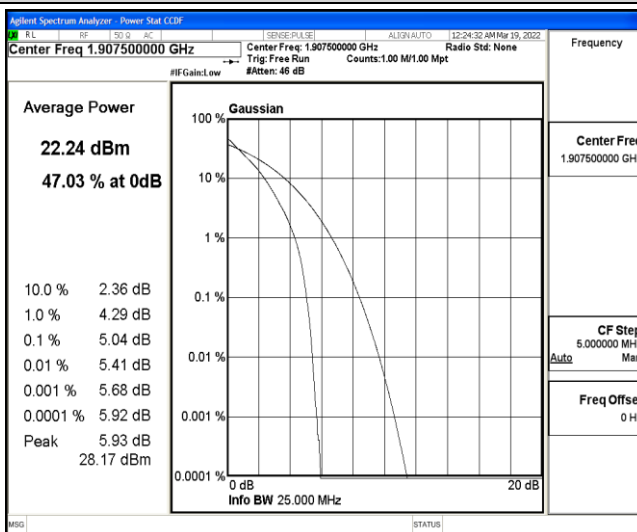
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Band2-5MHz-QPSK-19175-1RB#0



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



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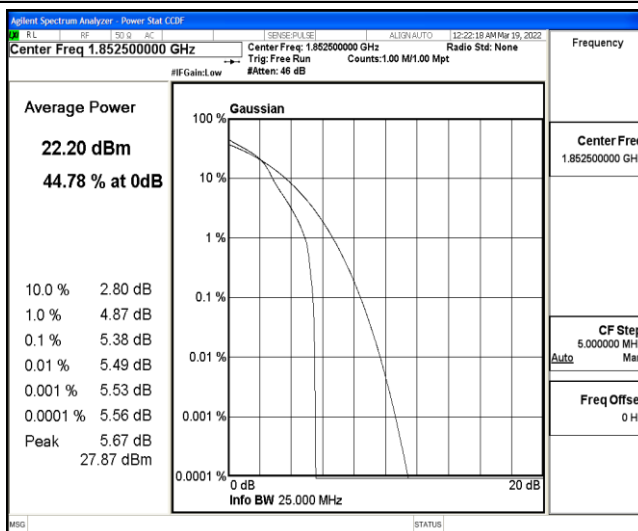
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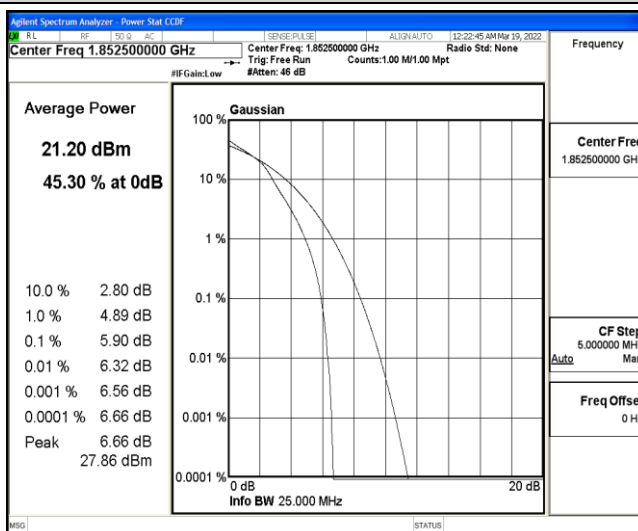
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Band2-5MHz-16QAM-18625-1RB#0



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



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

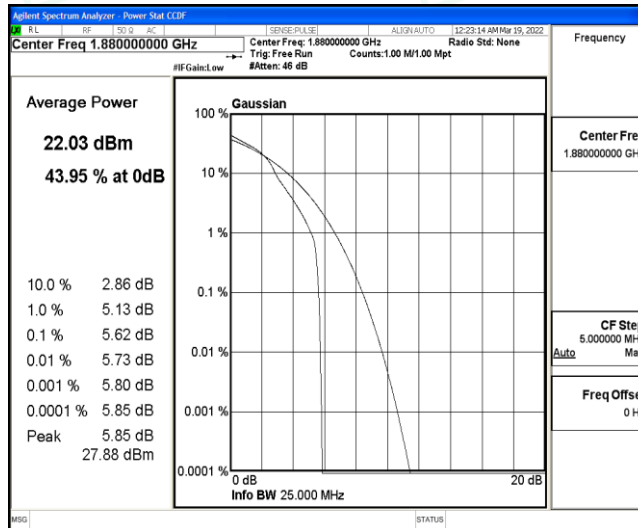


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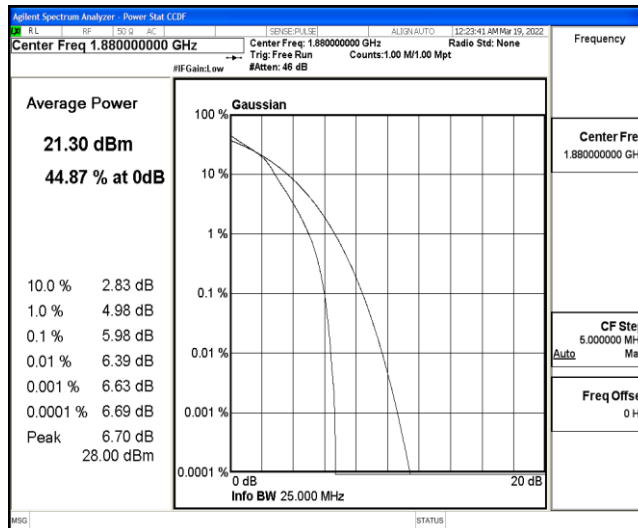
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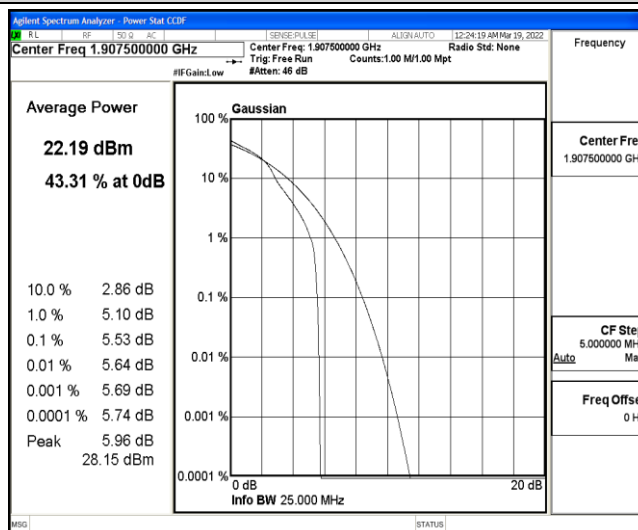
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Band2-5MHz-16QAM-18900-25RB#0



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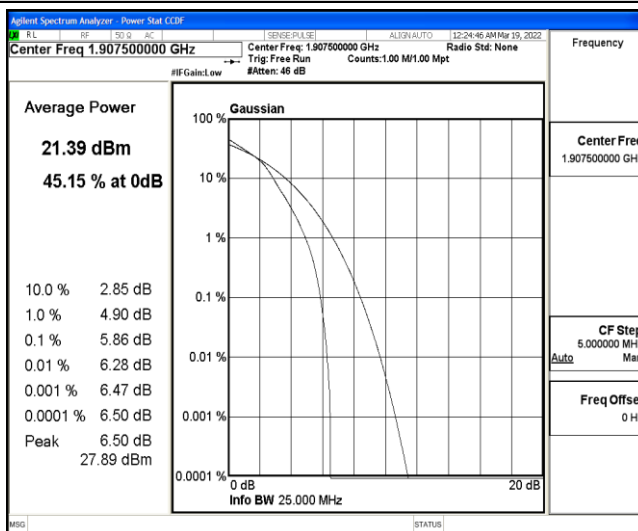
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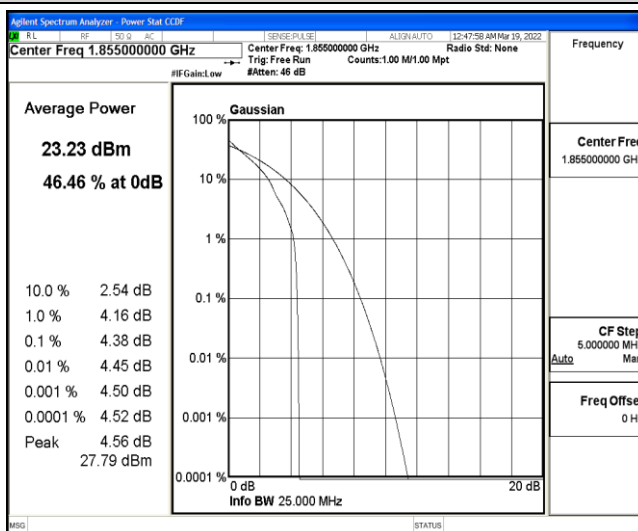
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Band2-5MHz-16QAM-19175-25RB#0



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



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

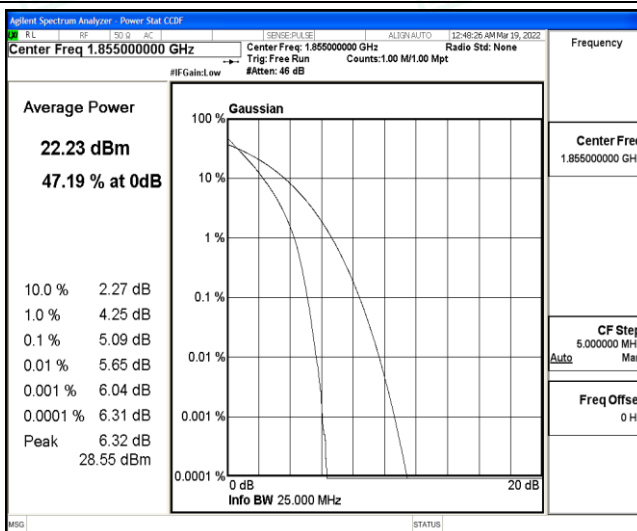


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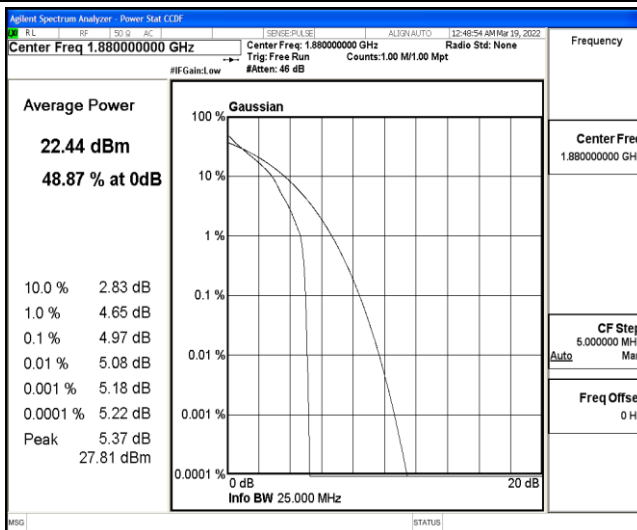
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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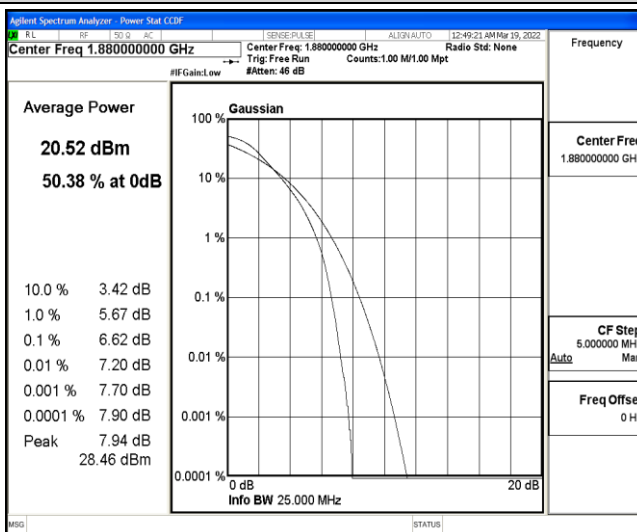
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Band2-10MHz-QPSK-18900-1RB#0



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

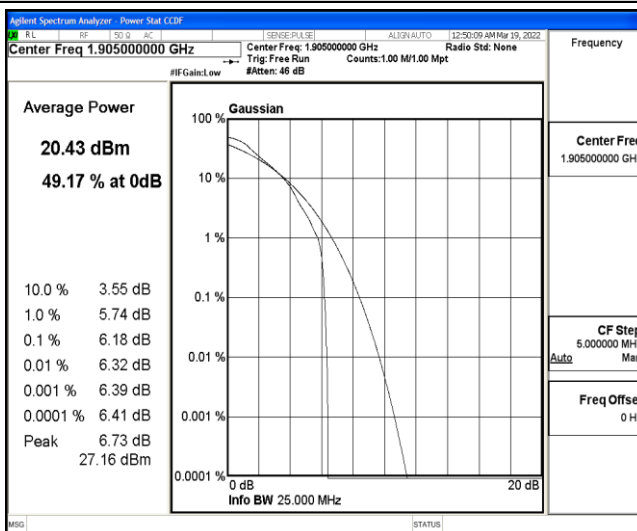
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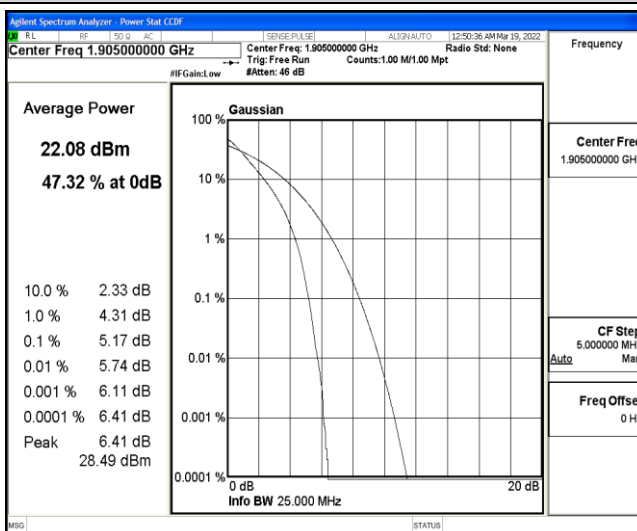
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Band2-10MHz-QPSK-19150-1RB#0



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



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

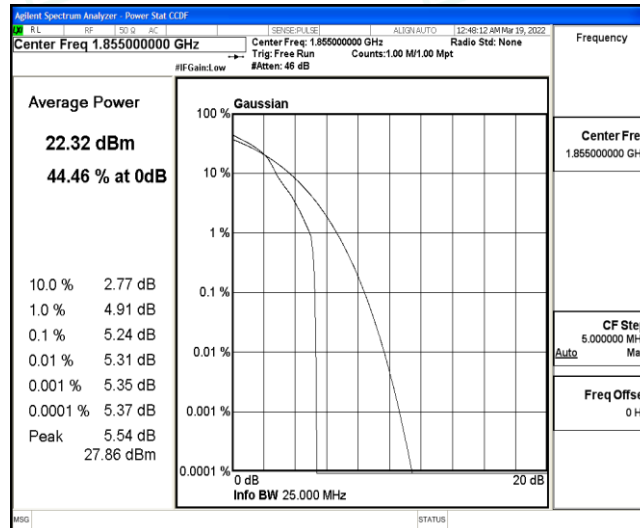


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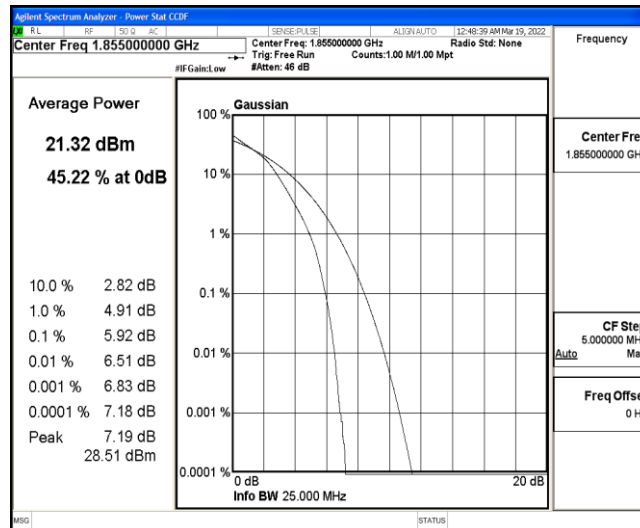
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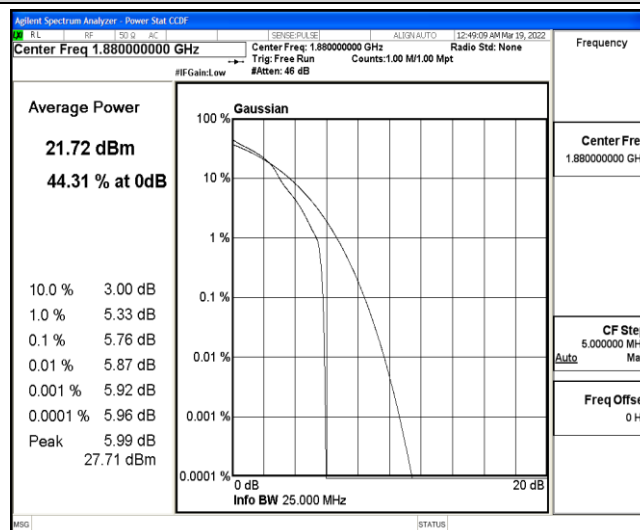
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Band2-10MHz-16QAM-18650-50RB#0



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



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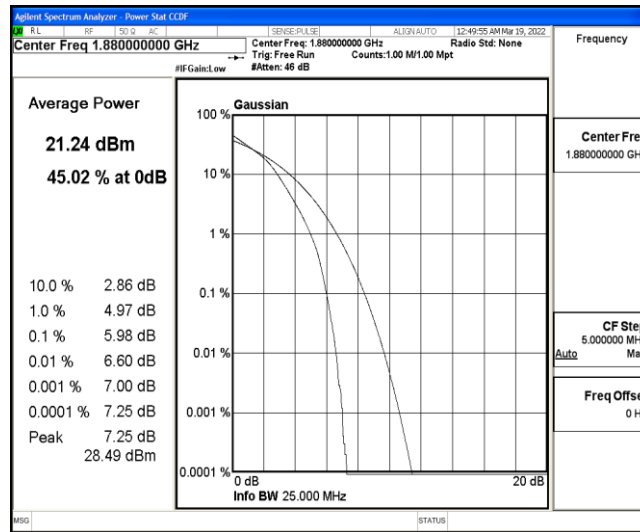
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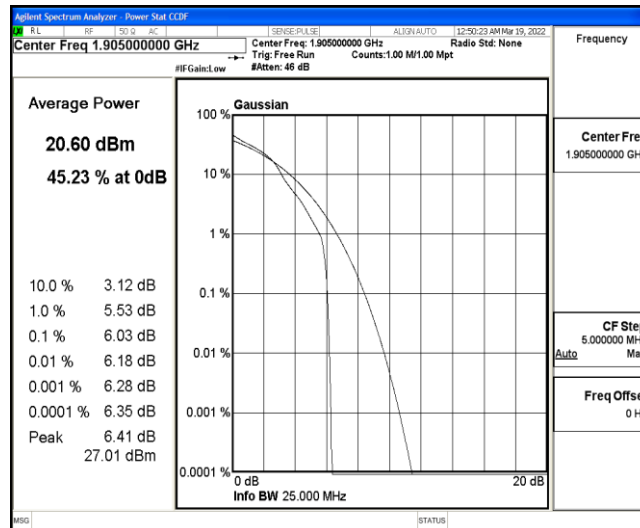
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Band2-10MHz-16QAM-18900-50RB#0



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



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

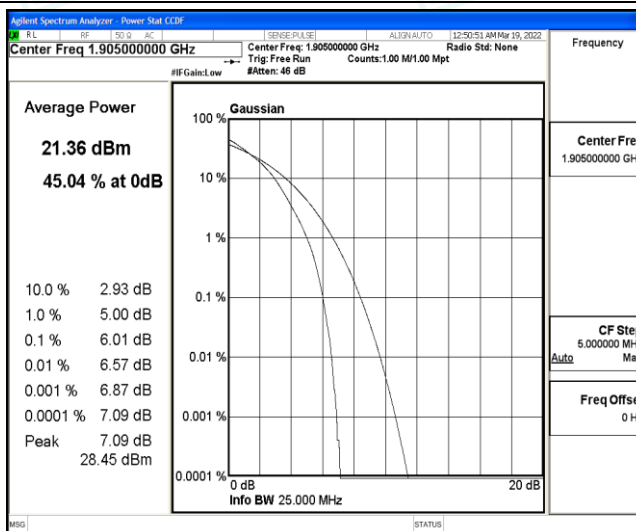


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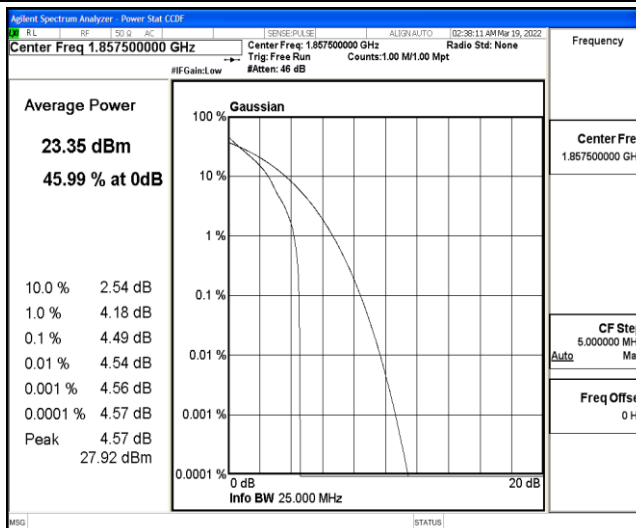
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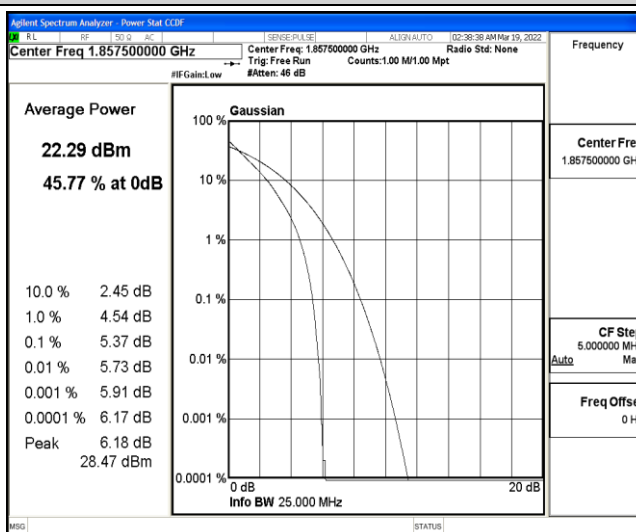
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Band2-15MHz-QPSK-18675-1RB#0



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



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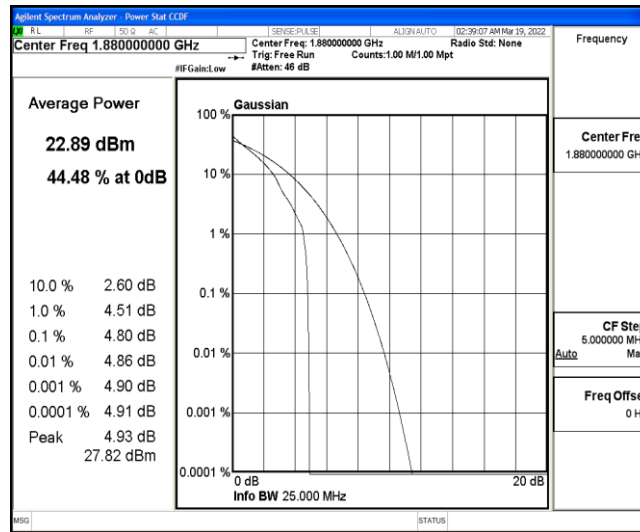
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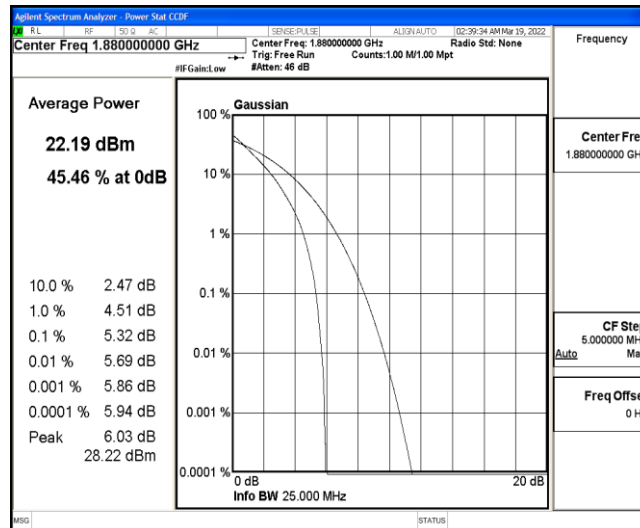
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Band2-15MHz-QPSK-18900-1RB#0



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



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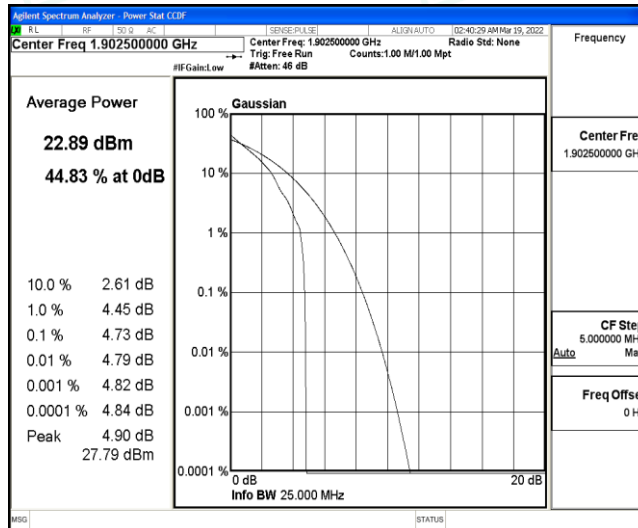


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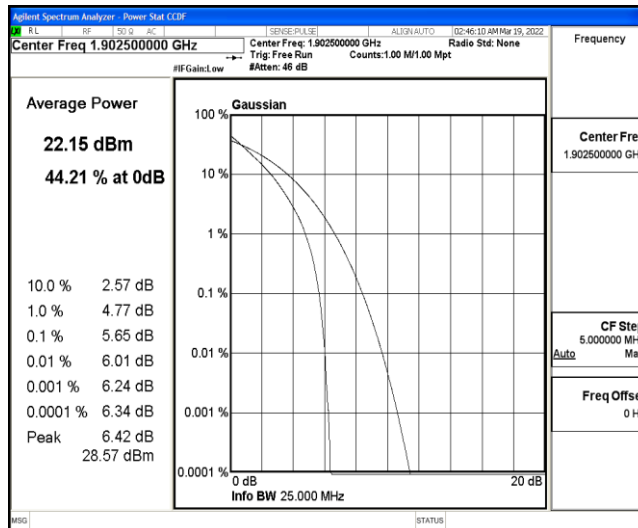
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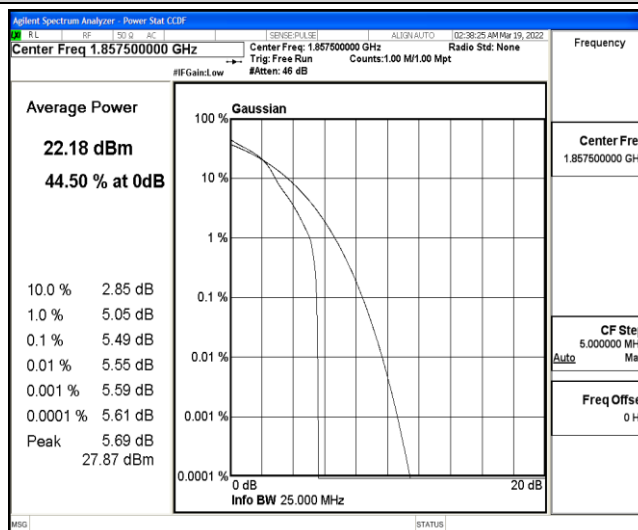
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Band2-15MHz-QPSK-19125-75RB#0



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



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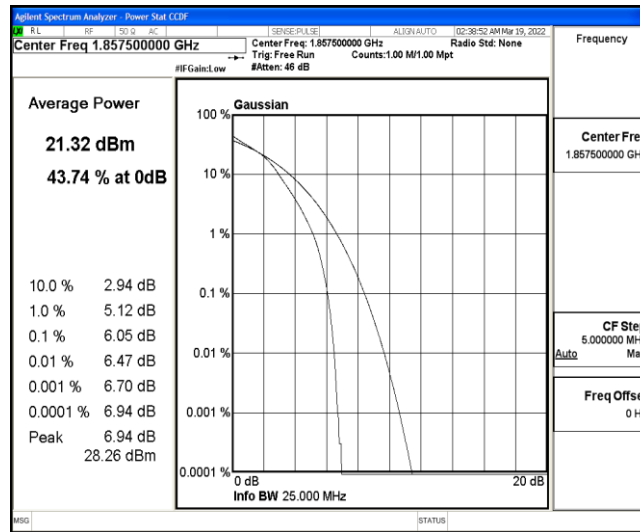
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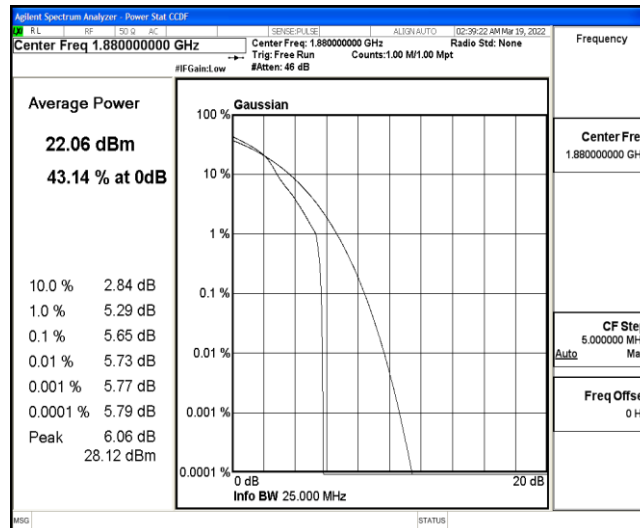
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Band2-15MHz-16QAM-18675-75RB#0



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



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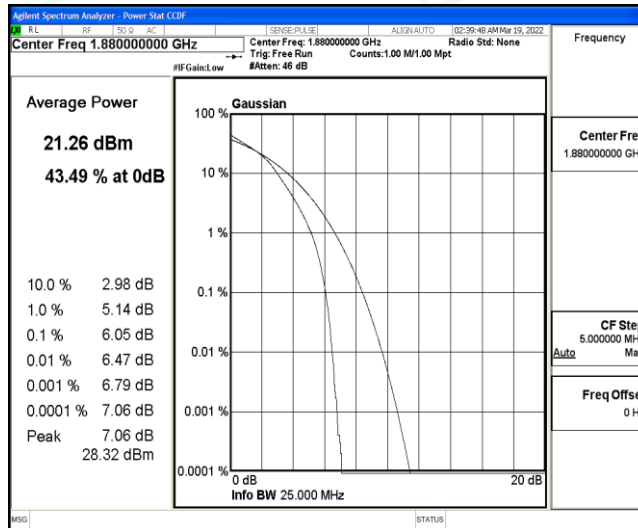


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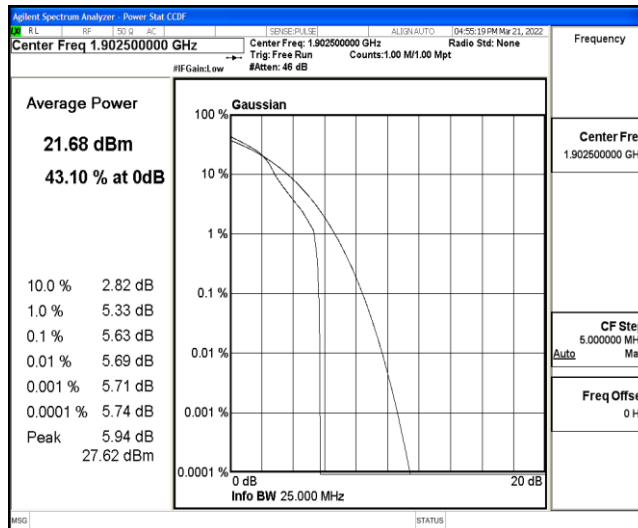
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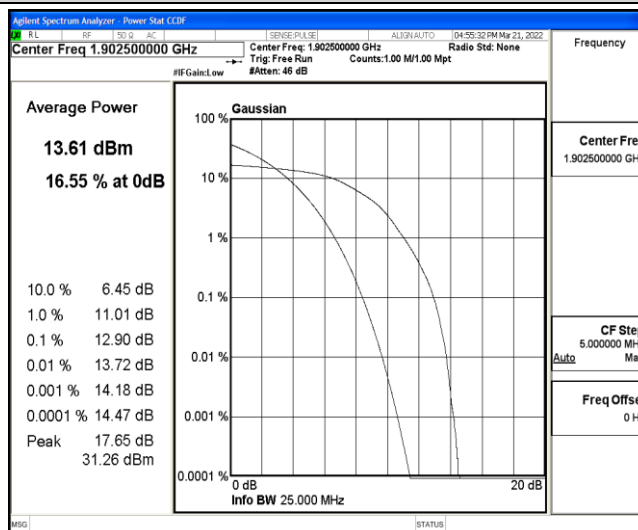
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Band2-15MHz-16QAM-19125-1RB#0



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



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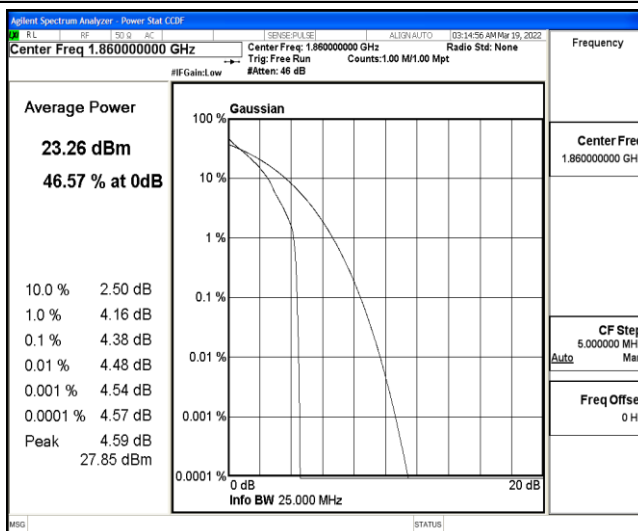
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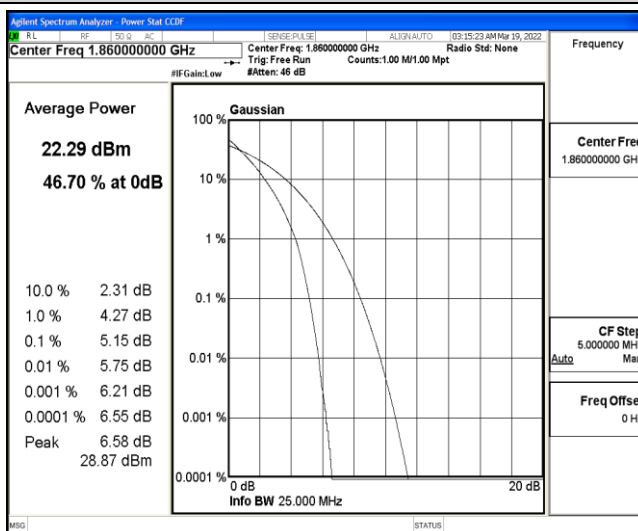
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Band2-20MHz-QPSK-18700-1RB#0



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



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

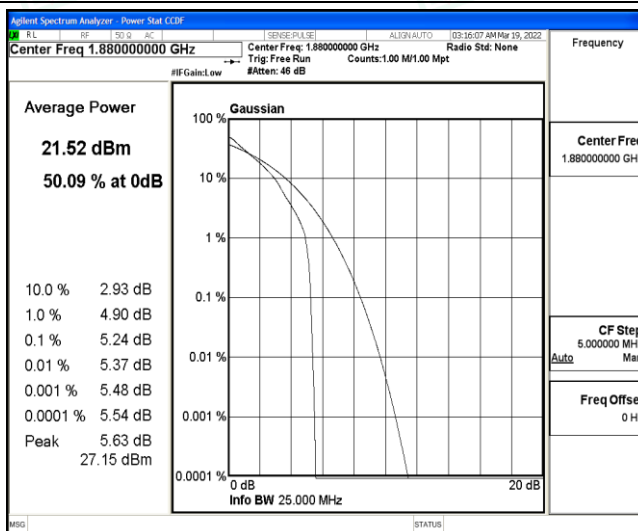


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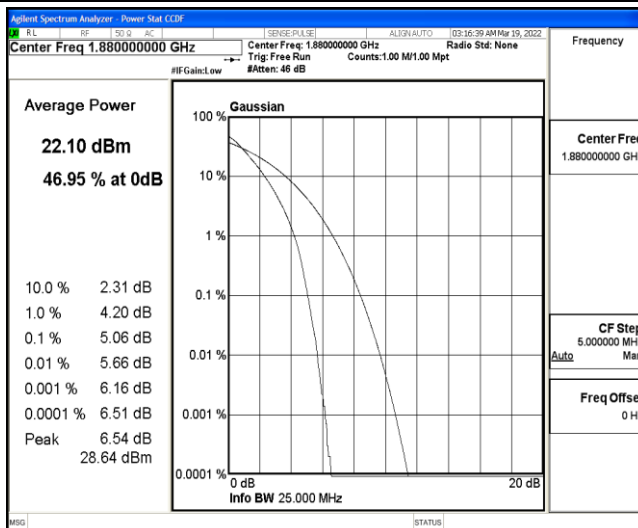
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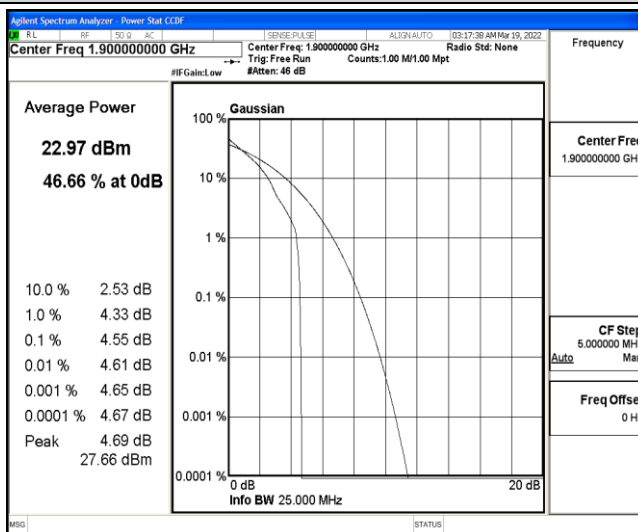
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Band2-20MHz-QPSK-18900-100RB#0



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



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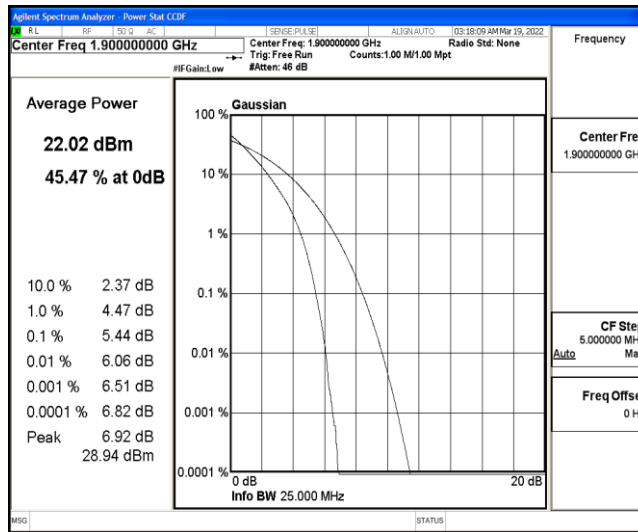
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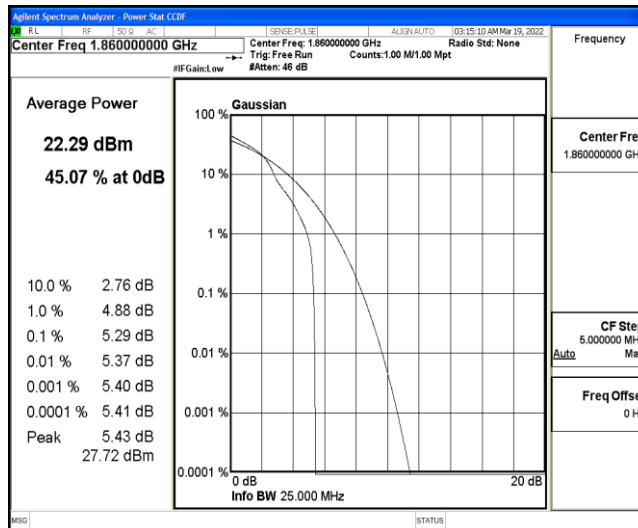
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Band2-20MHz-QPSK-19100-100RB#0



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



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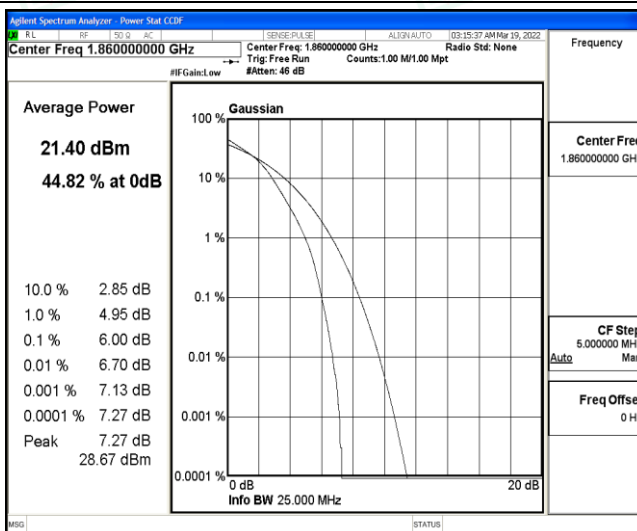


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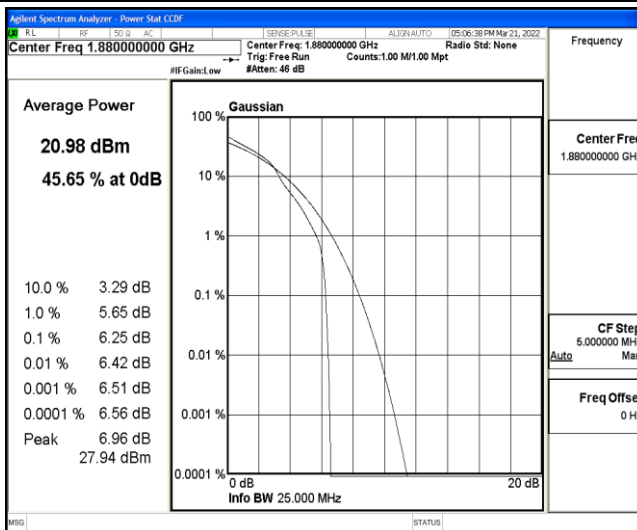
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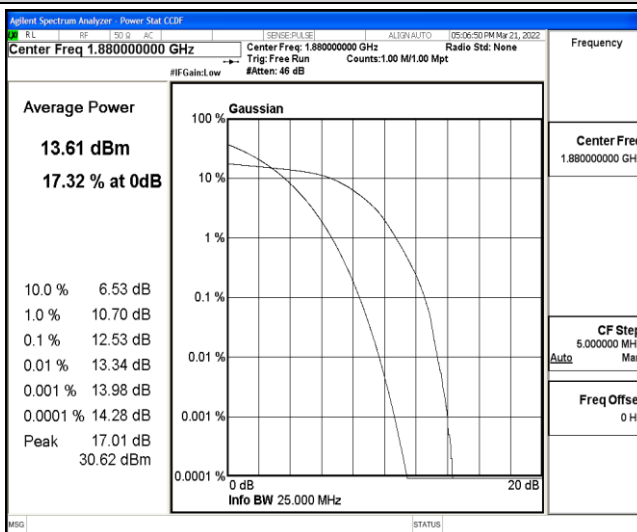
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Band2-20MHz-16QAM-18900-1RB#0



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



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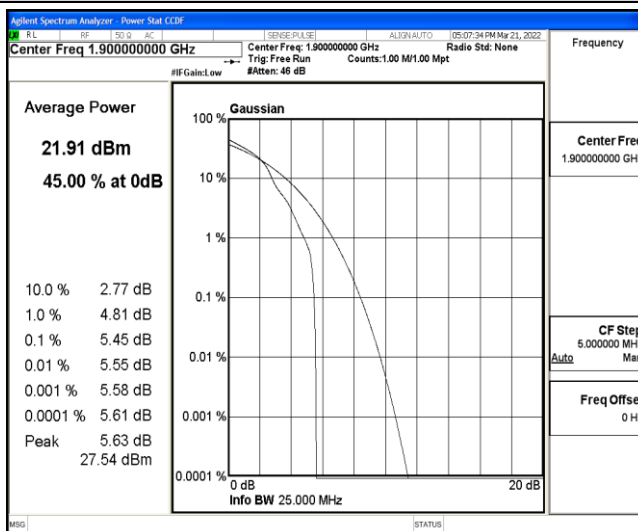
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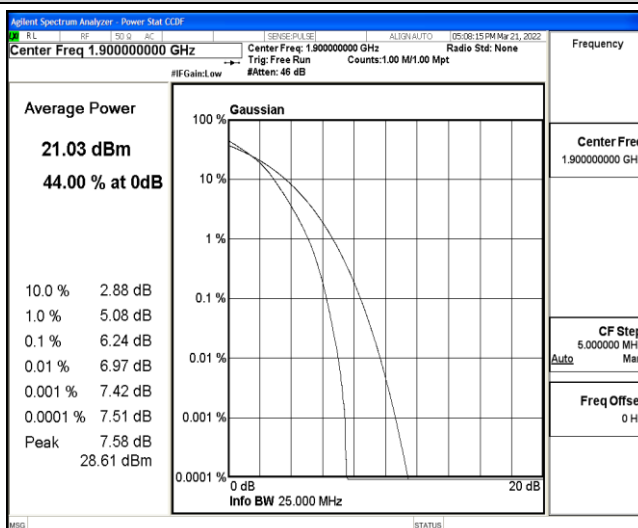
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Band2-20MHz-16QAM-19100-1RB#0



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



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A.3 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	1.0922	1.317	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0942	1.306	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0952	1.298	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0981	1.284	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0961	1.280	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0922	1.255	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6949	2.993	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6917	2.981	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6938	2.956	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6917	2.946	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6825	2.962	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6874	2.962	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5011	5.022	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5074	5.018	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5152	5.014	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4993	4.979	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5041	4.993	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4953	4.951	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9500	9.850	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9535	9.885	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9529	9.818	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9672	9.880	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9628	9.841	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9428	9.794	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.433	14.83	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.408	14.79	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.486	14.78	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.424	14.65	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.426	14.69	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.434	14.81	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.894	19.40	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.890	19.34	PASS



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Band2	20MHz	QPSK	19100	100RB#0	17.959	19.55	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.883	19.46	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.897	19.30	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.950	19.39	PASS



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Test Graphs

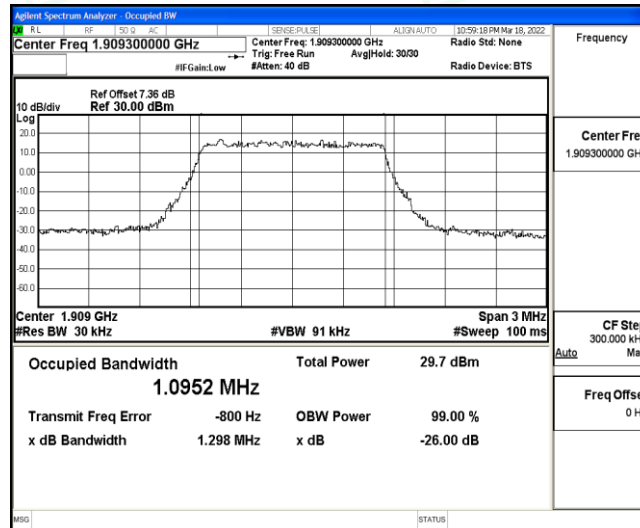


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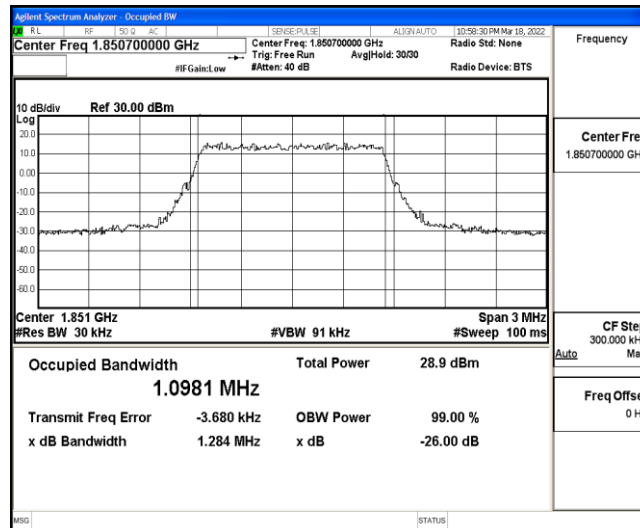
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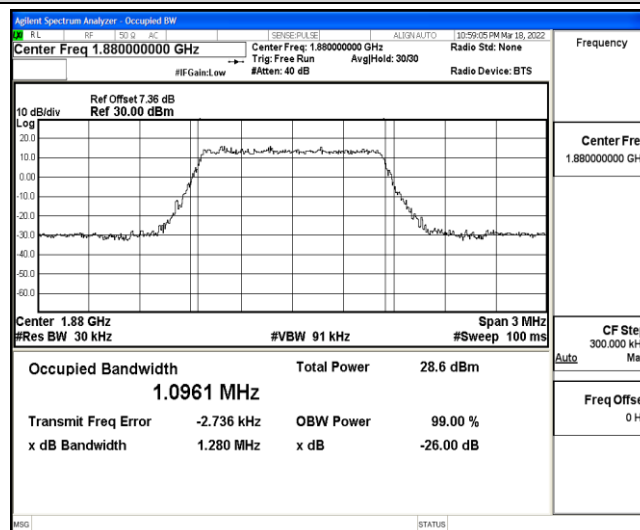
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Band2-1.4MHz-16QAM-18607-6RB#0



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



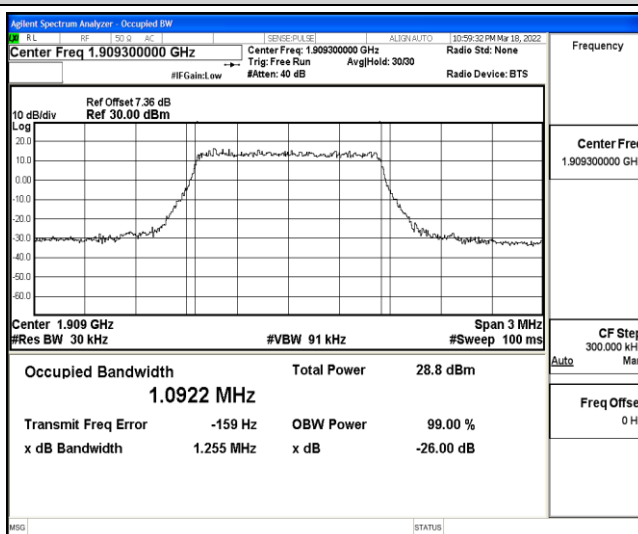
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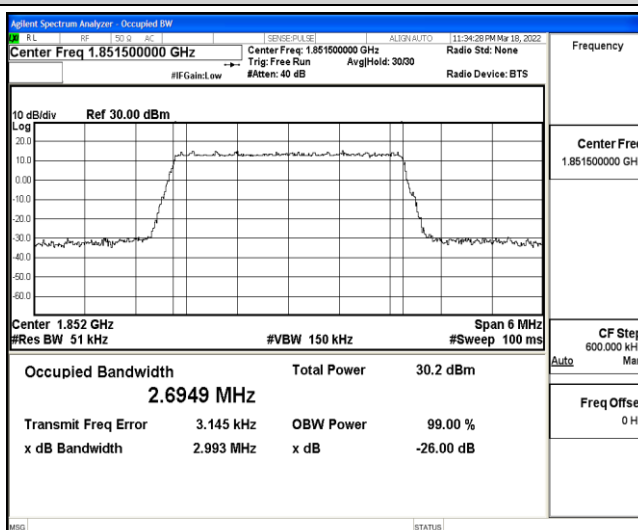
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Band2-1.4MHz-16QAM-19193-6RB#0



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



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

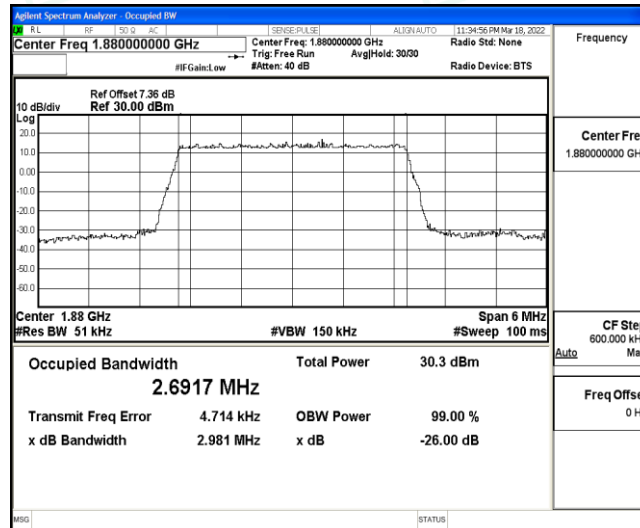


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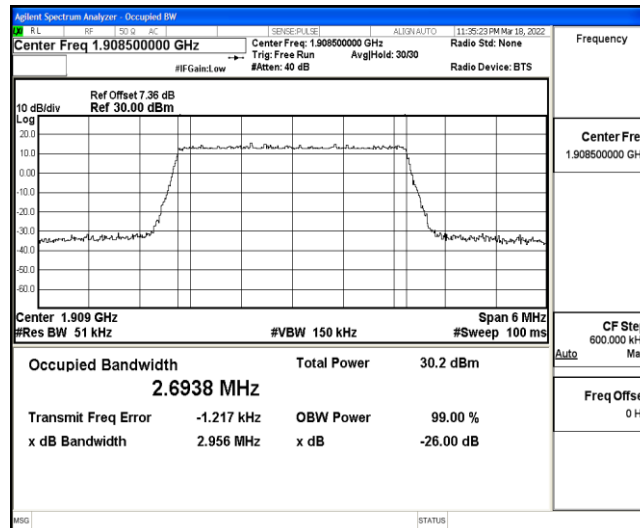
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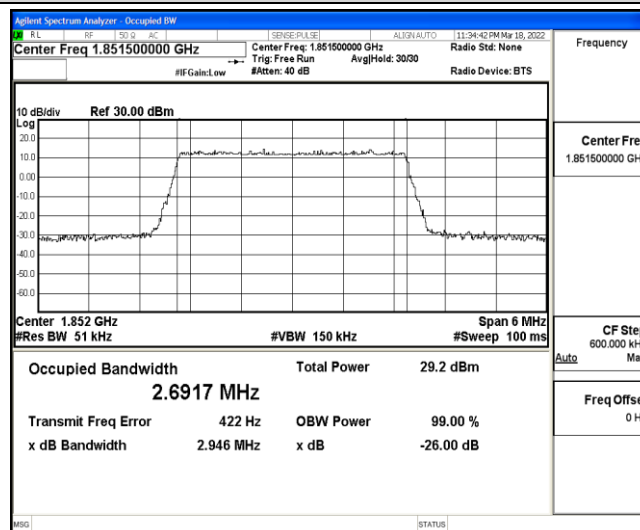
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Band2-3MHz-QPSK-19185-15RB#0



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



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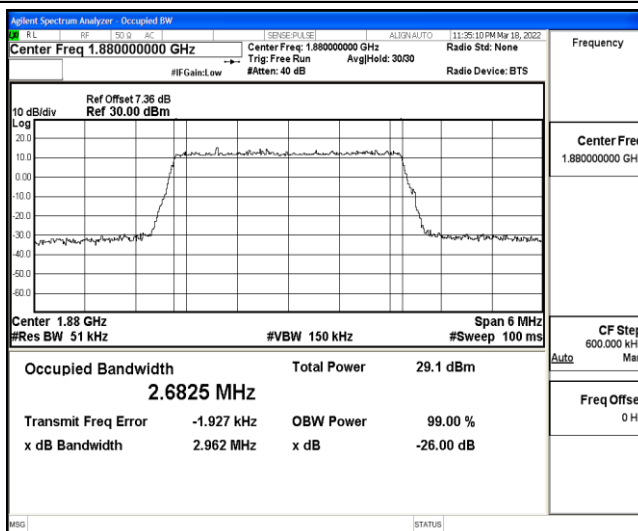
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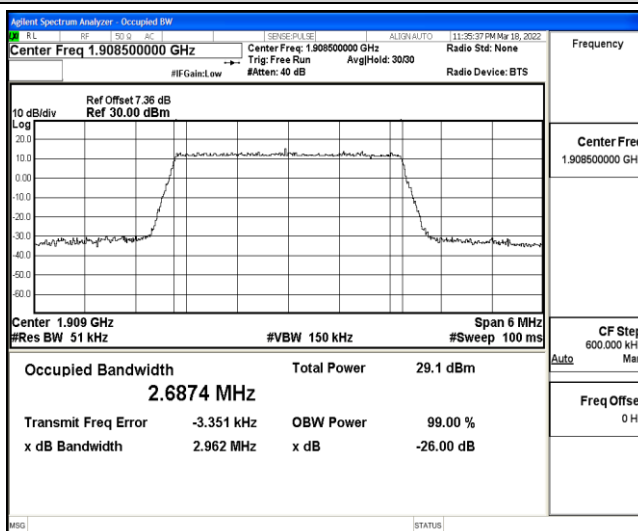
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Band2-3MHz-16QAM-18900-15RB#0



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



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



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