



Appendix D: Test Data for E-UTRA Band 2

Product Name: Personal Mobile Alarm System

Test Model: PAL 4

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





D.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	22.90	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.09	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.88	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.02	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.06	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.07	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.09	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.09	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.20	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.98	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.18	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.13	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.11	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.14	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.02	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.02	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.08	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.15	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.13	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.19	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.86	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.02	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.82	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.82	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.83	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.84	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.10	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.97	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.12	PASS





Band2	1.4MHz	16QAM	18900	1RB#5	21.94	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.89	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.88	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.90	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.10	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.81	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.82	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.97	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.97	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.97	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.95	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.15	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.17	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.15	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.14	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.16	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.18	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.09	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.19	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.28	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.20	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.22	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.18	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.22	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.15	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.29	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.19	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.16	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.23	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.23	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.22	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.18	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.14	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.22	PASS





Band2	3MHz	16QAM	18615	1RB#14	22.15	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.17	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.14	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.16	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.10	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.01	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.25	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.23	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.27	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.23	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.24	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.22	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.25	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.16	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.16	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.21	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.20	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.19	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.21	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.09	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.24	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.10	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.11	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.15	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.11	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.12	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.18	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.32	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.18	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.23	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.23	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.26	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.30	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.22	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.28	PASS





Band2	5MHz	QPSK	19175	1RB#24	23.11	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.19	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.20	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.17	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.23	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.04	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.15	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.03	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.08	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.08	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.06	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.13	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.13	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.24	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.11	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.15	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.19	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.20	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.28	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.26	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.13	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.26	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.18	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.19	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.18	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.11	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.27	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.21	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.20	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.20	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.18	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.21	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.22	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.37	PASS





Band2	10MHz	QPSK	18900	1RB#49	23.28	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.18	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.20	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.24	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.32	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.43	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.24	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.24	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.26	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.34	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.26	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.14	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.29	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.14	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.19	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.21	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.15	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.21	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.24	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.36	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.23	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.16	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.19	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.25	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.23	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.21	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.25	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.04	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.27	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.32	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.32	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.32	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.16	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.19	PASS





Band2	15MHz	QPSK	18675	1RB#74	23.16	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.12	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.19	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.11	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.29	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.10	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.29	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.17	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.13	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.26	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.19	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.26	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.14	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.12	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.20	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.33	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.11	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.41	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.08	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.19	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.17	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.13	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.22	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.12	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.26	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.17	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.29	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.20	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.18	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.28	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.21	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.24	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.17	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.27	PASS





Band2	15MHz	16QAM	19125	1RB#74	22.08	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.19	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.29	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.09	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.13	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.46	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.17	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.31	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.27	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.17	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.24	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.17	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.43	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.22	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.07	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.15	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.20	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.13	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.21	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.44	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.12	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.39	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.38	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.44	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.46	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.01	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.36	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.13	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.31	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.32	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.23	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.27	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.08	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.16	PASS





Band2	20MHz	16QAM	18900	1RB#99	22.07	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.12	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.07	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.24	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.14	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.09	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.37	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.04	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.40	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.37	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.44	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.42	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.93	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.21	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.48	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.78	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.12	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.47	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.99	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.33	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.78	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.88	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.21	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.68	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.02	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.37	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.02	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.84	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.13	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.85	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.14	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.37	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.21	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.99	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.19	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.05	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.50	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.72	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.49	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.21	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.33	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.18	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.45	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.44	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.43	13	PASS





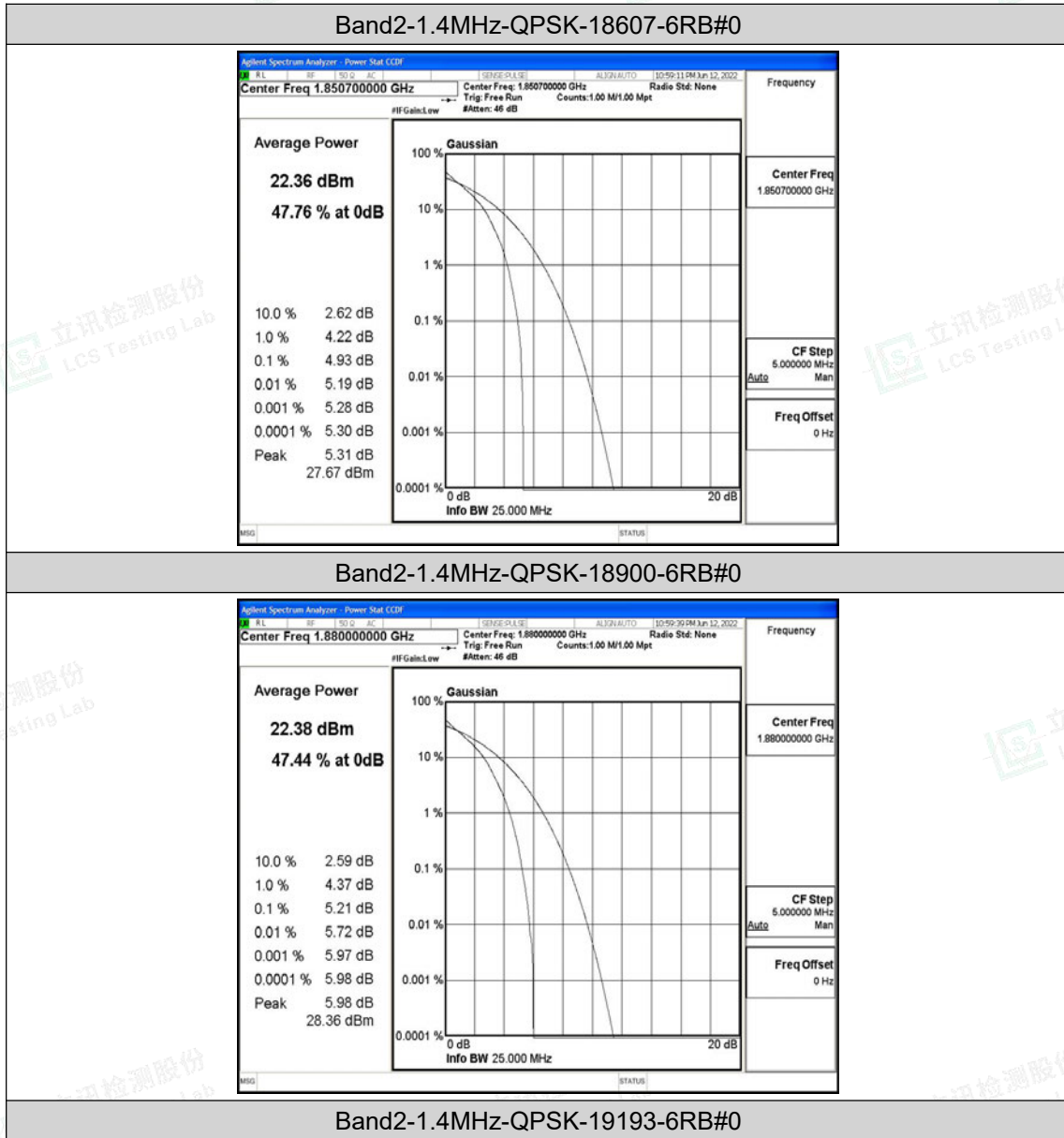
Band2	20MHz	16QAM	18700	100RB#0	6.23	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.28	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.18	13	PASS

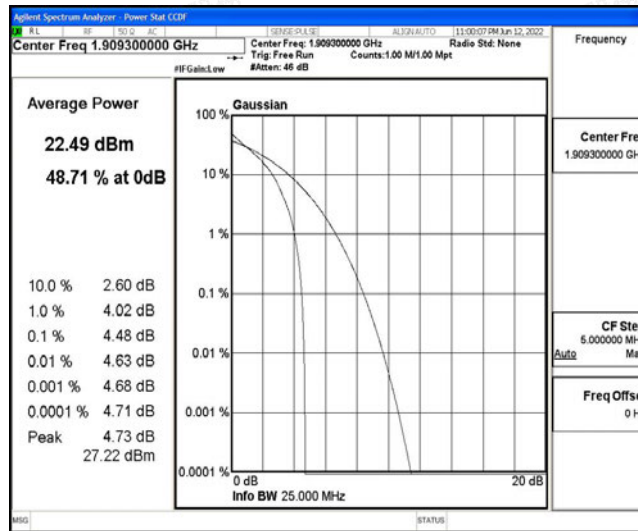


Shenzhen LCS Compliance Testing Laboratory Ltd.
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
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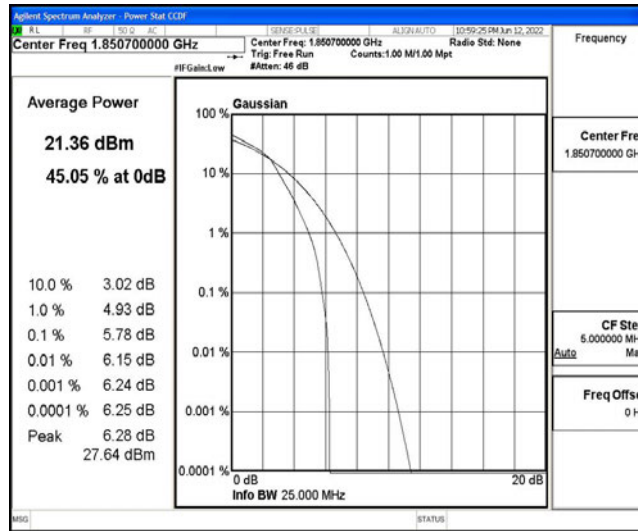


Test Graphs

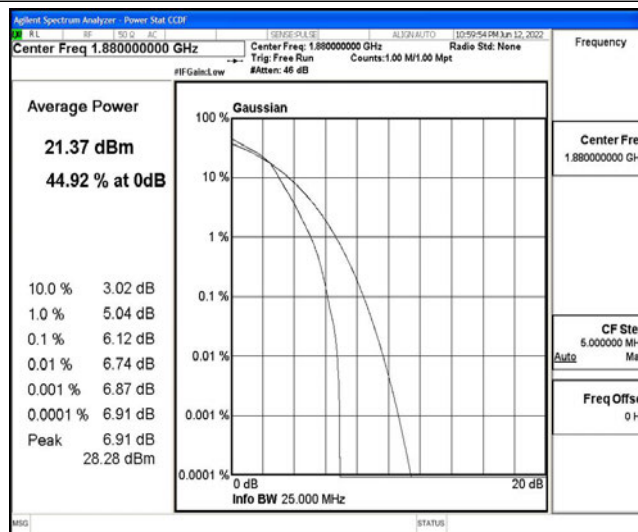




Band2-1.4MHz-16QAM-18607-6RB#0

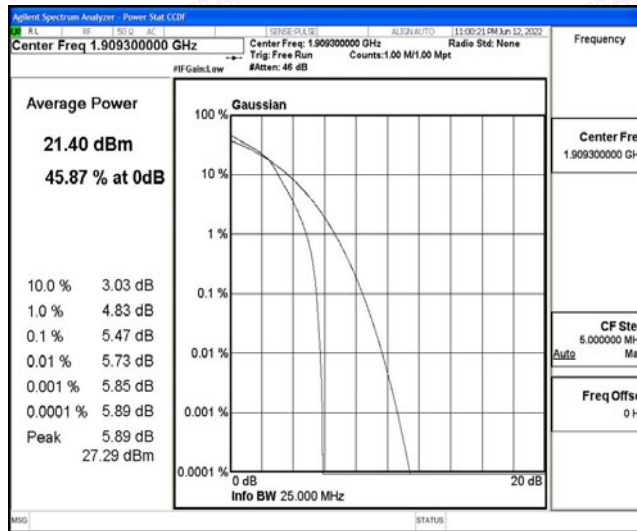


Band2-1.4MHz-16QAM-18900-6RB#0

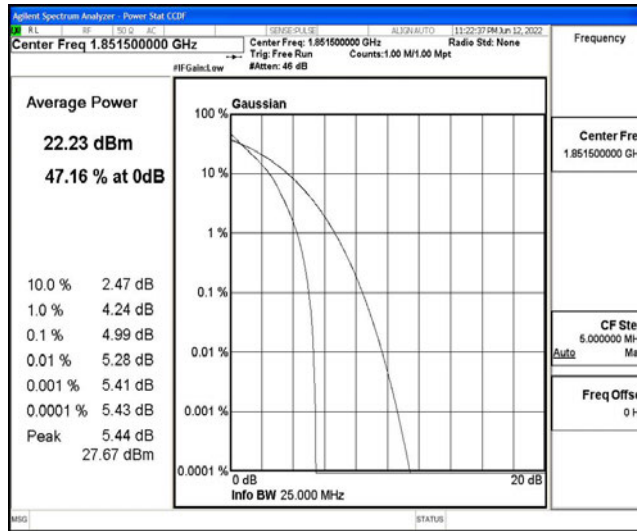


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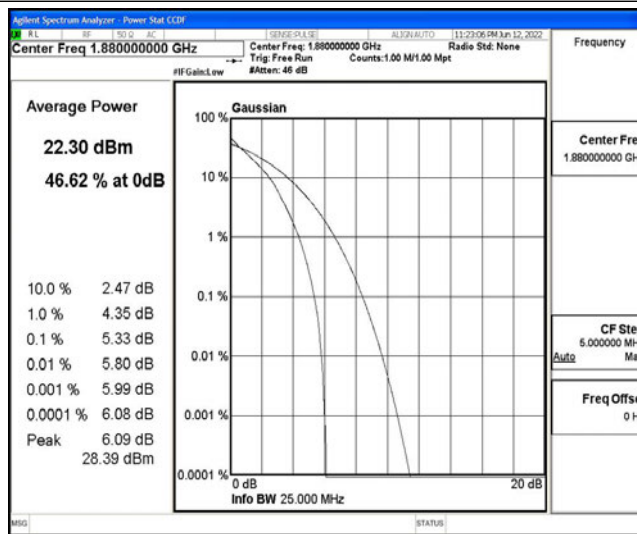




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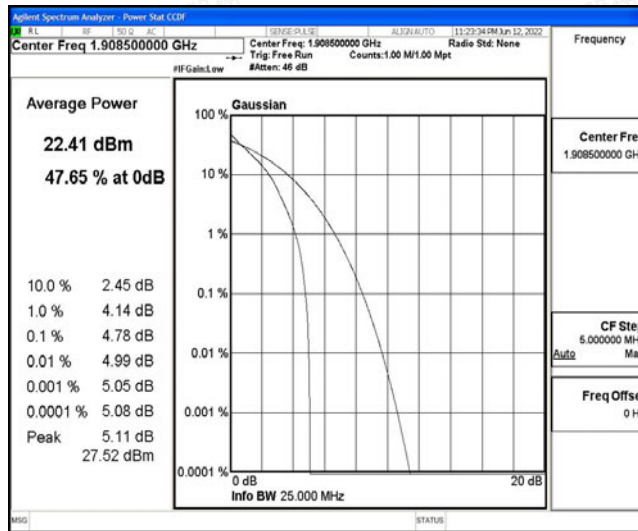


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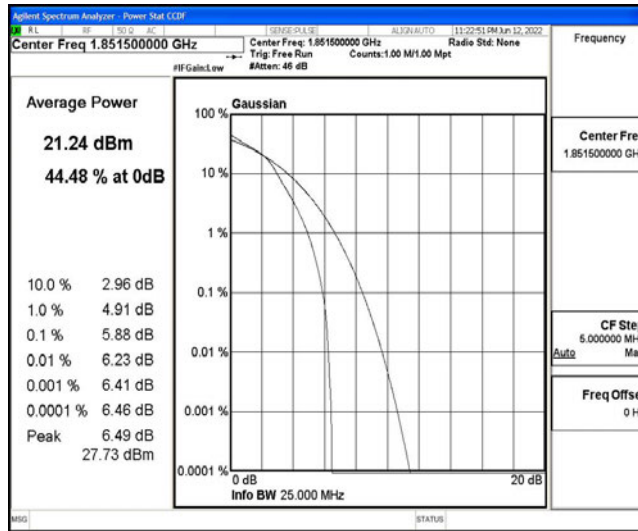


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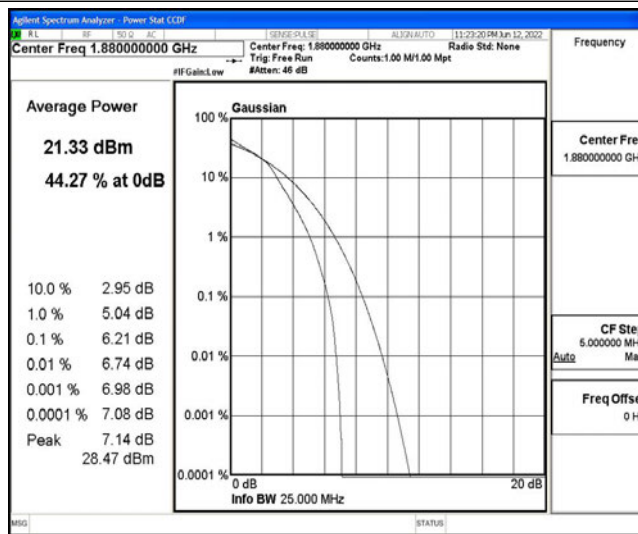




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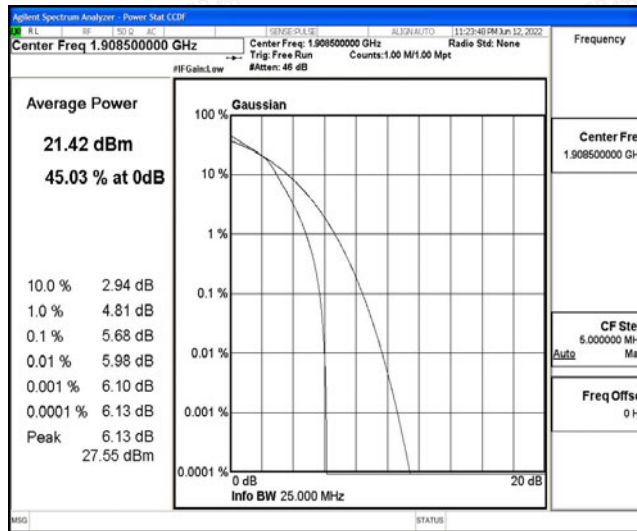


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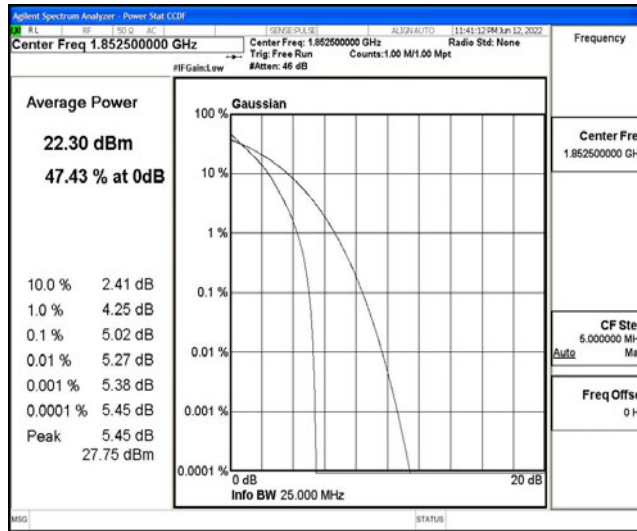


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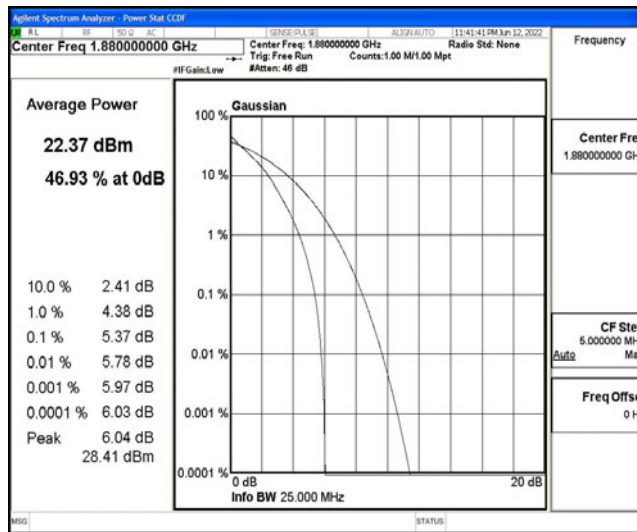




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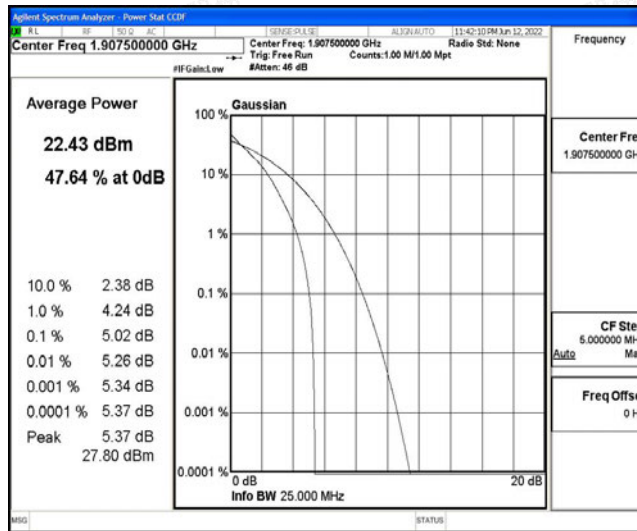


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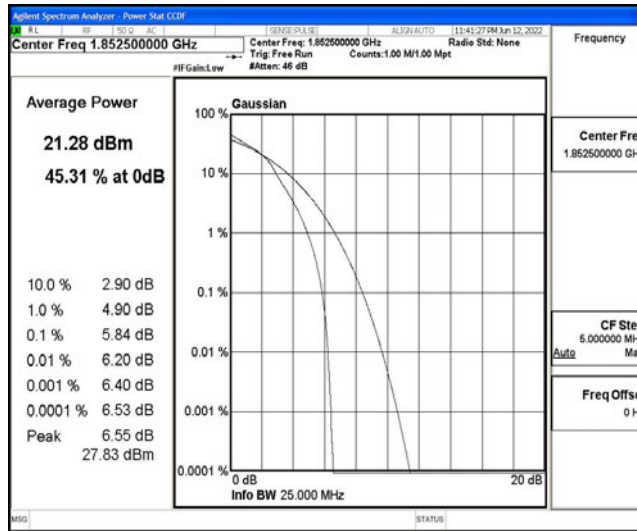


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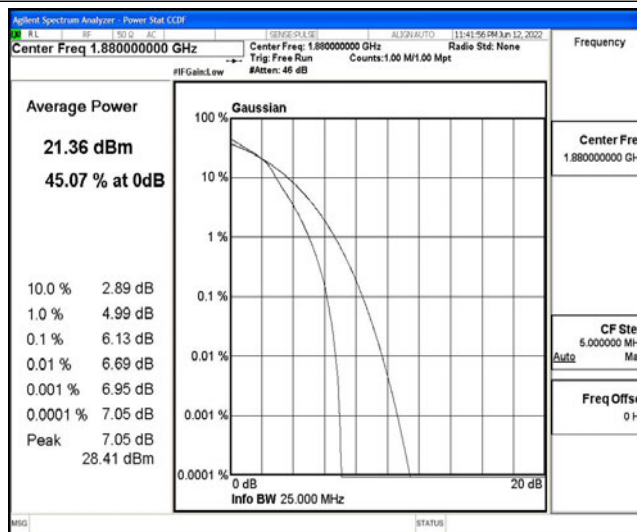




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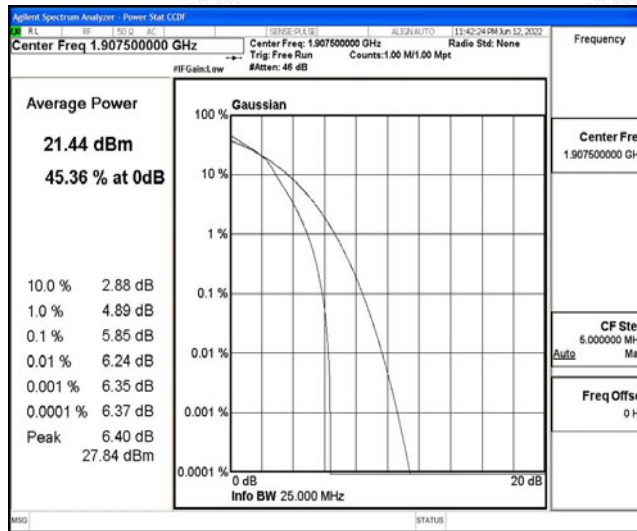


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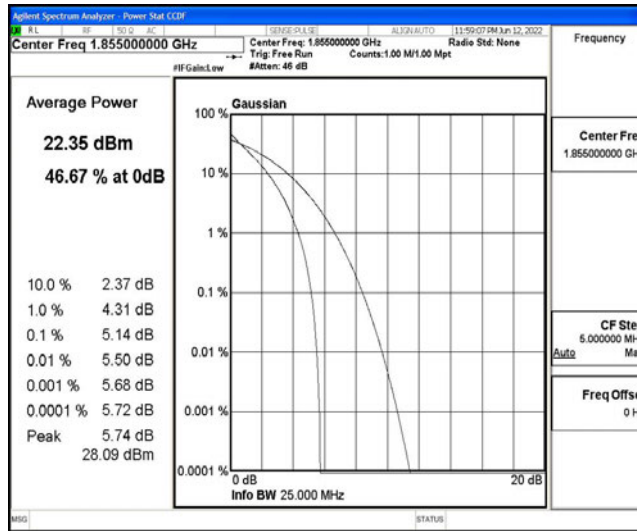


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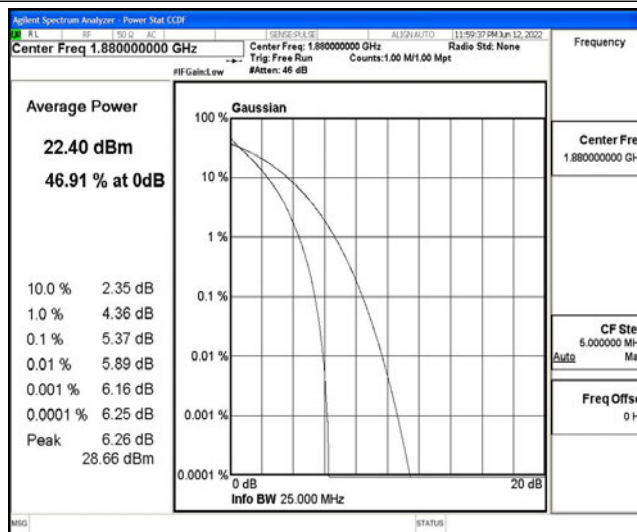




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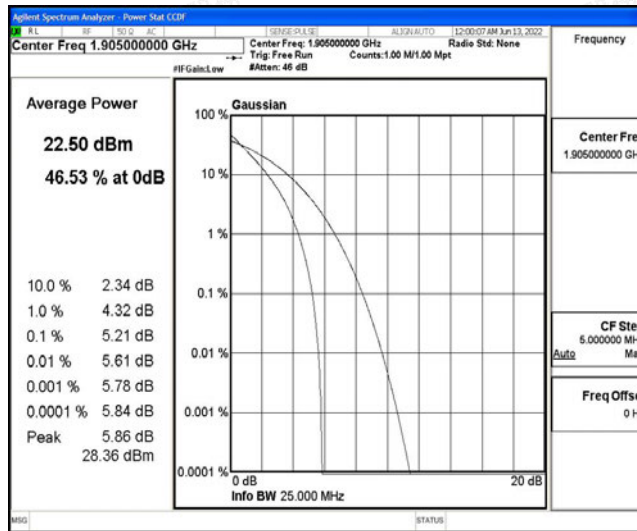


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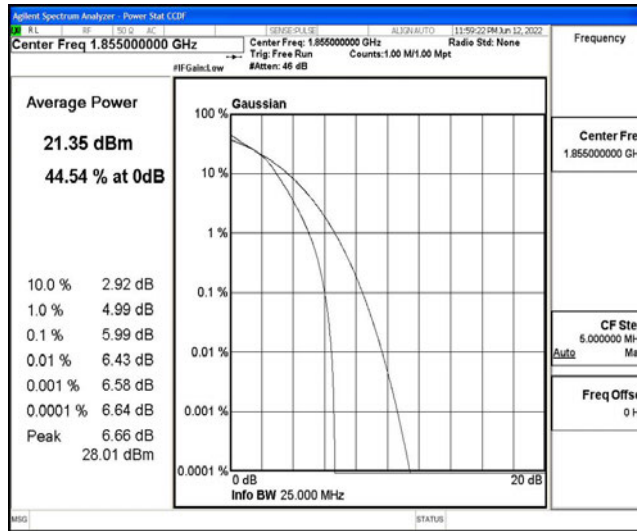


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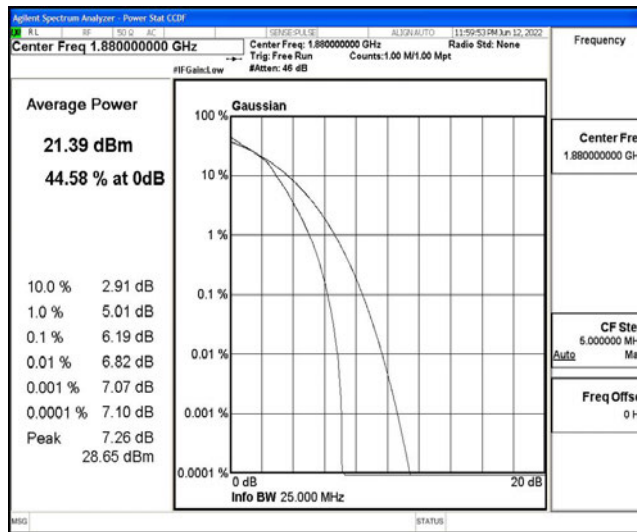




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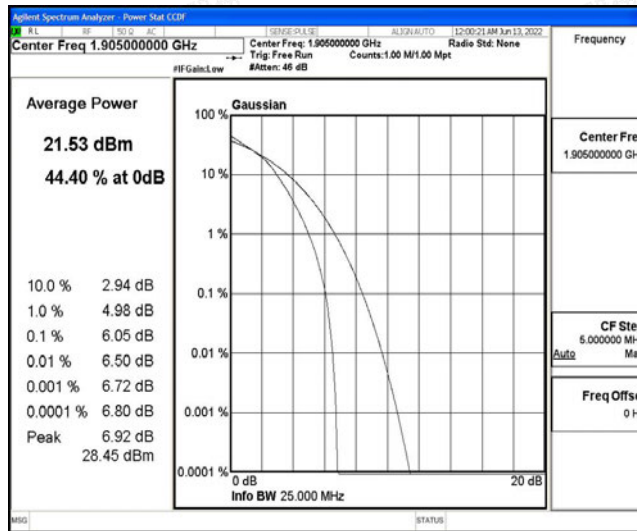


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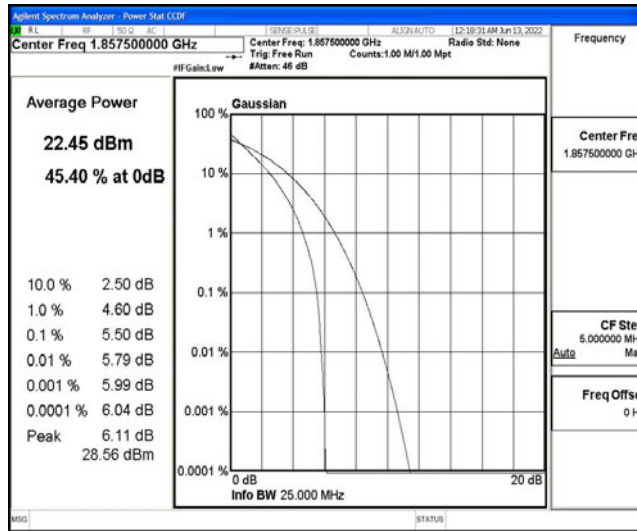


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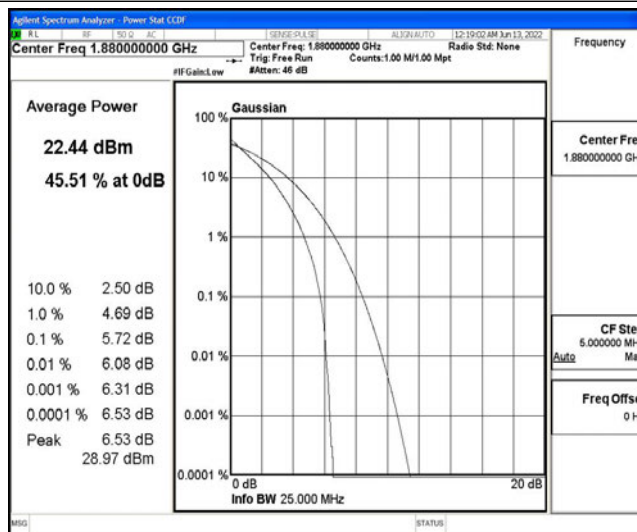




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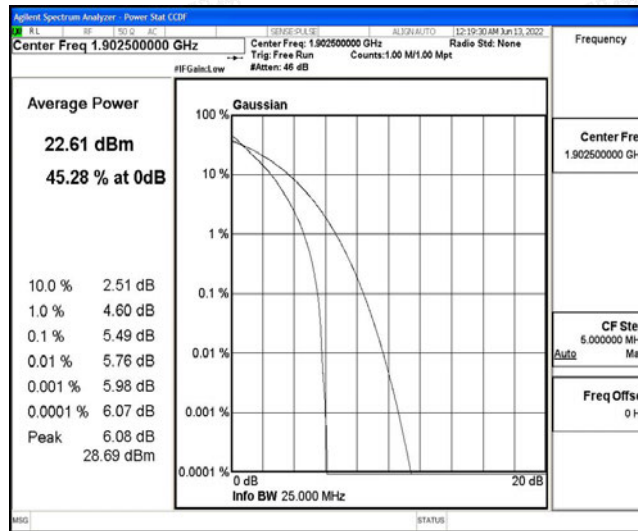


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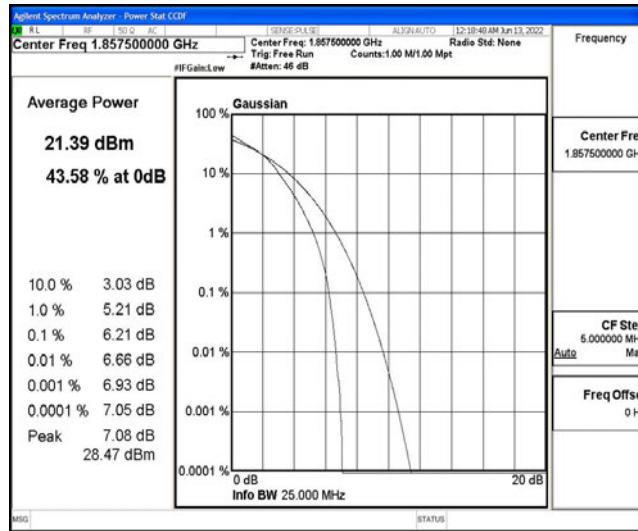


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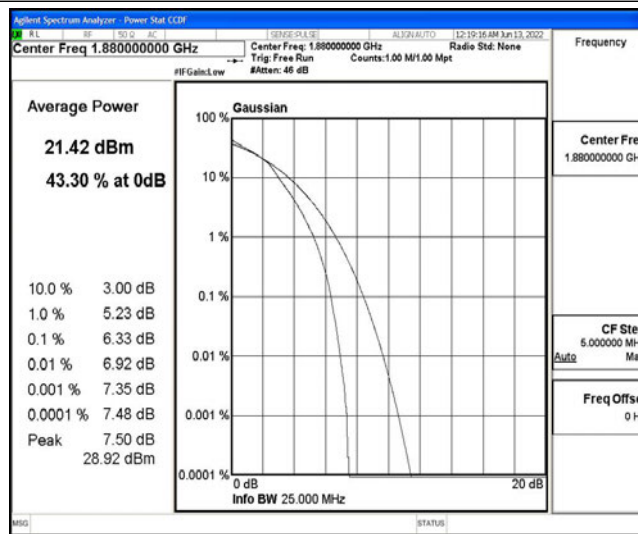




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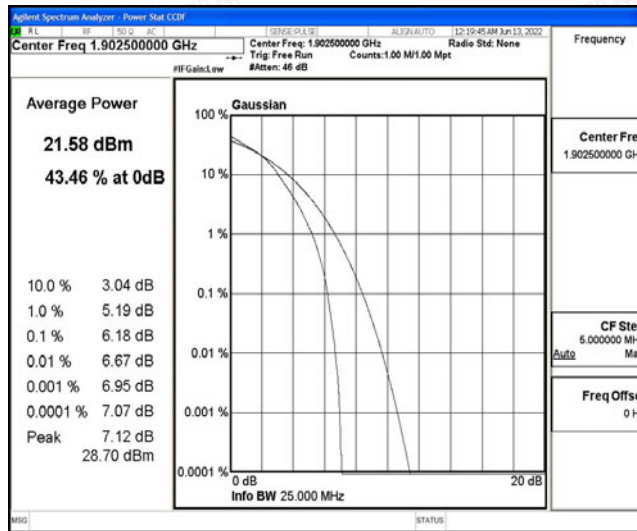


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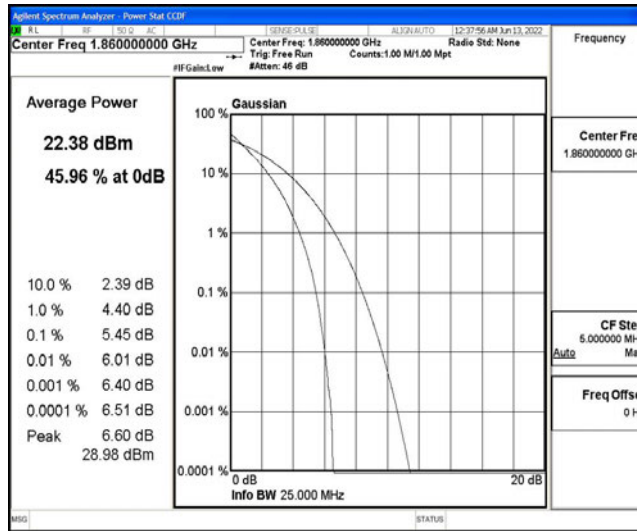


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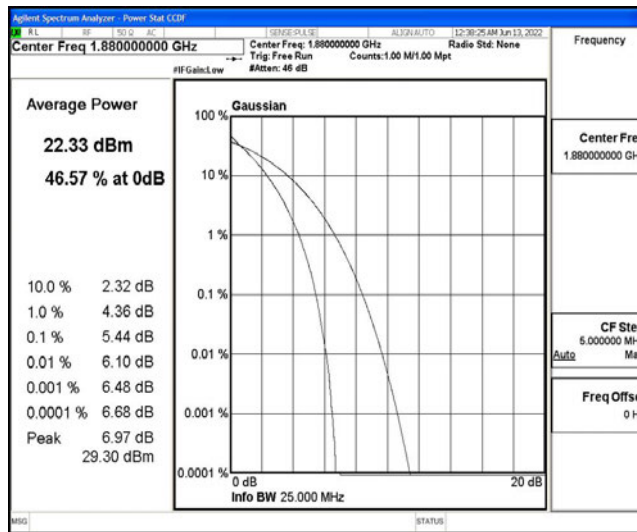




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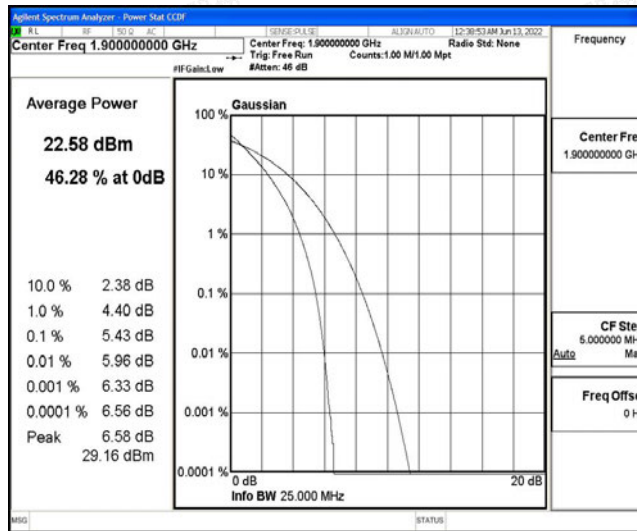


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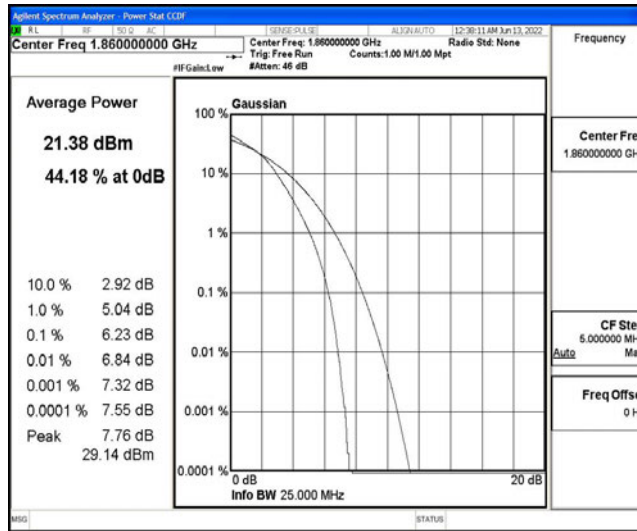


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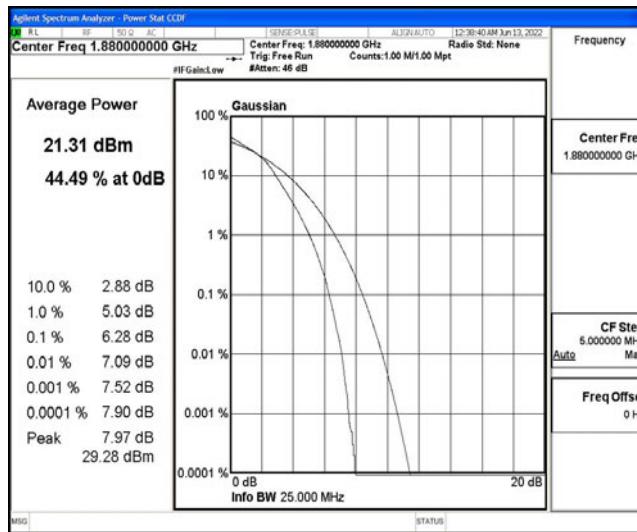




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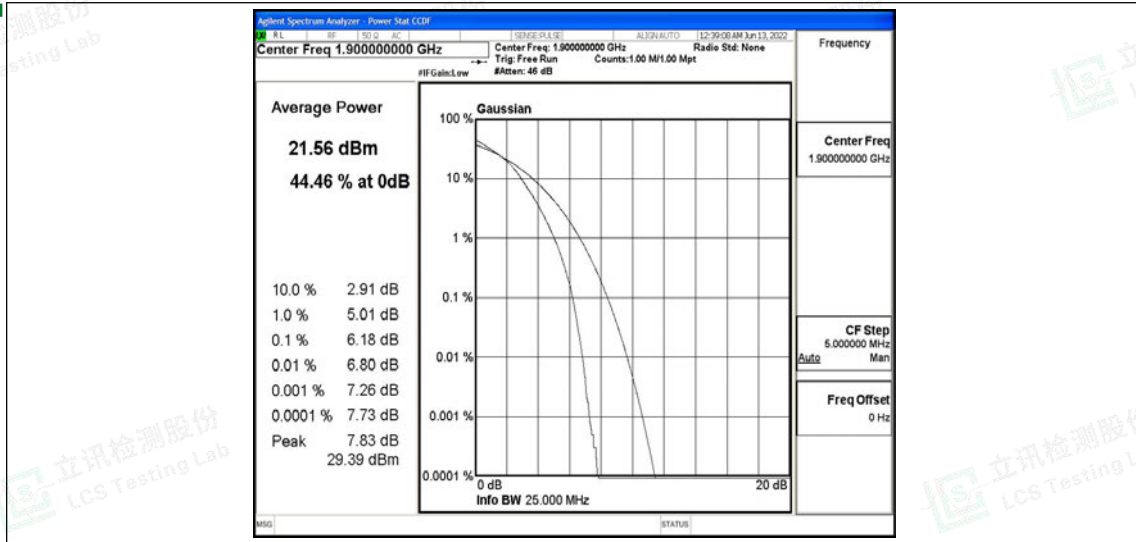


Band2-20MHz-16QAM-18900-100RB#0



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







D.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	1.0911	1.299	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0922	1.285	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0973	1.270	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0968	1.307	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0928	1.286	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0950	1.281	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6854	2.876	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6874	2.918	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6872	2.895	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6823	2.878	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6755	2.881	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6853	2.901	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4938	4.936	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5041	4.946	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4917	4.900	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4901	4.890	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4891	4.884	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4955	4.909	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9682	9.800	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9914	9.760	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9835	9.778	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9686	9.734	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9693	9.773	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9838	9.696	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.475	14.74	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.464	14.55	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.514	14.74	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.469	15.03	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.460	14.36	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.485	14.60	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.986	19.37	PASS





Band2	20MHz	QPSK	18900	100RB#0	17.957	19.37	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.993	19.34	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.923	19.33	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.917	19.15	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.999	20.22	PASS

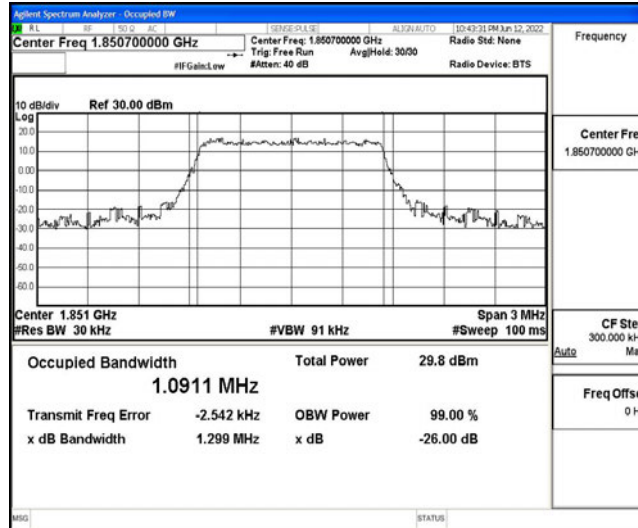


Shenzhen LCS Compliance Testing Laboratory Ltd.
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

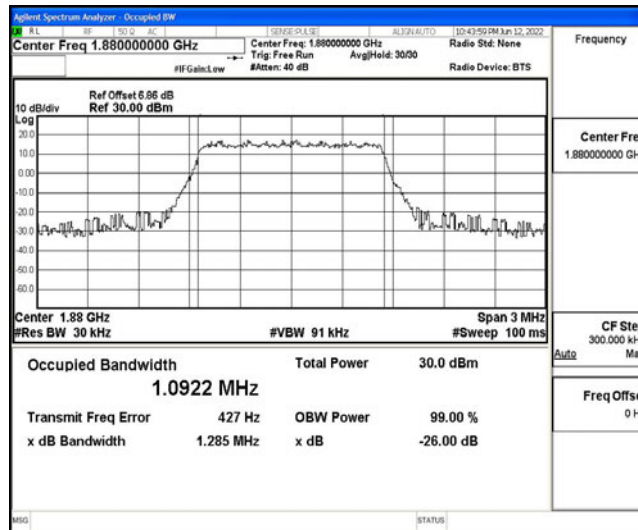


Test Graphs

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

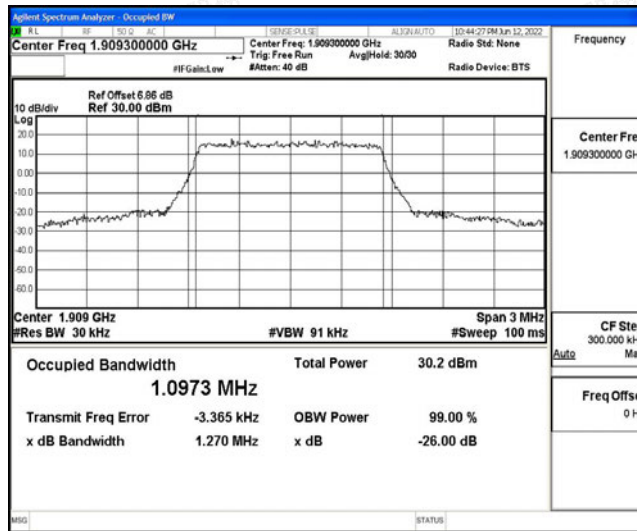


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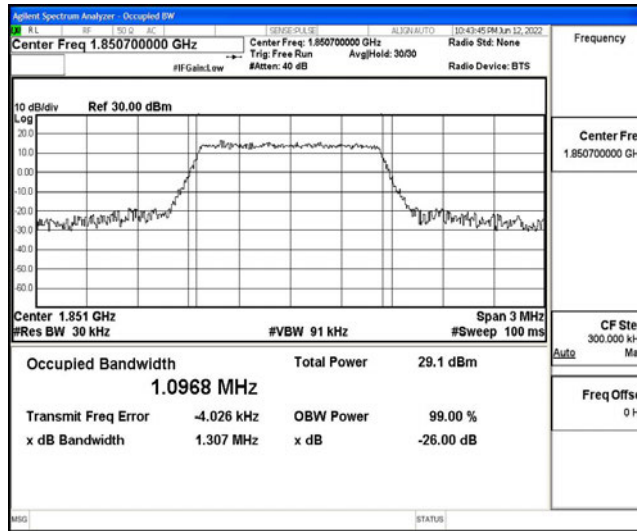


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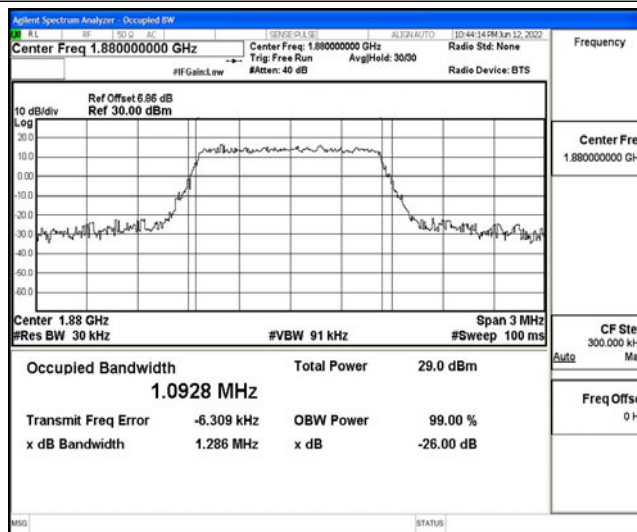




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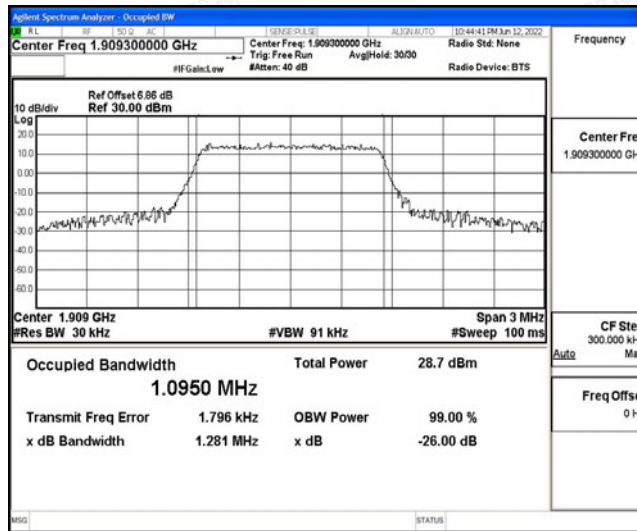


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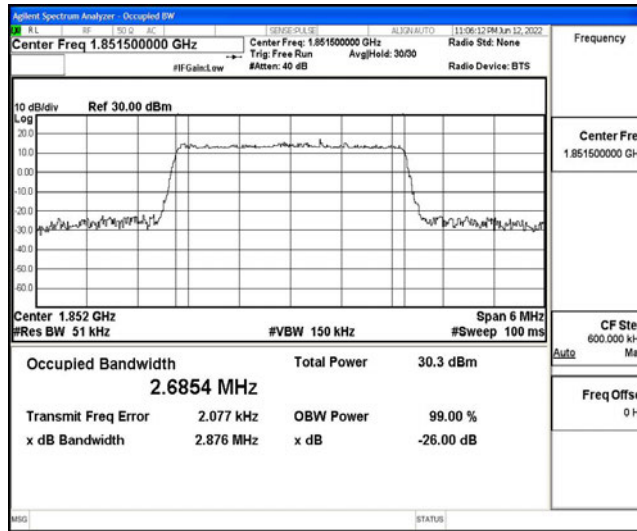


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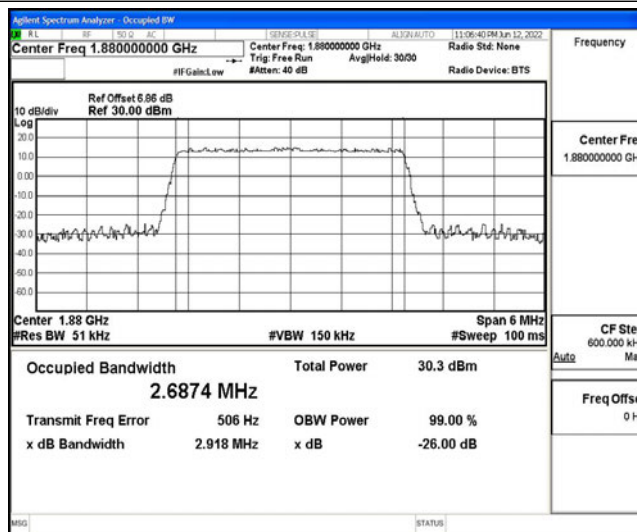




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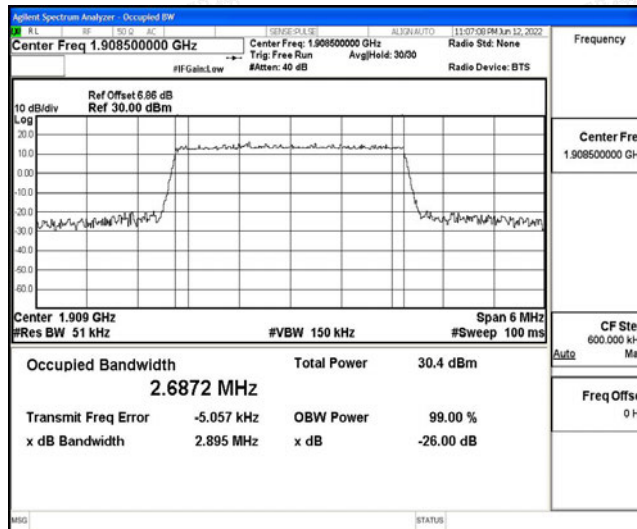


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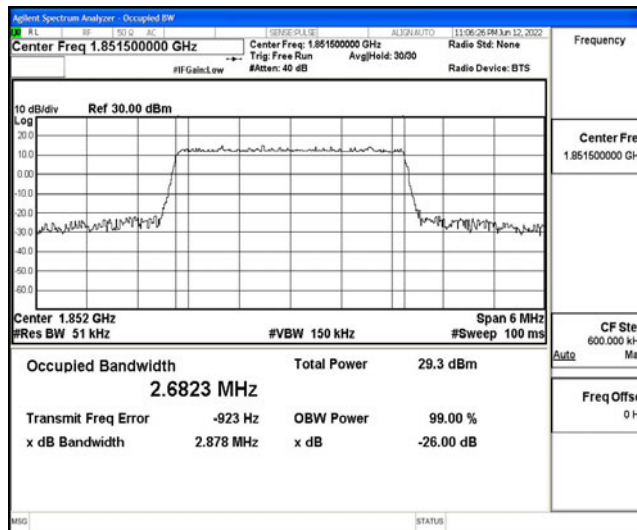


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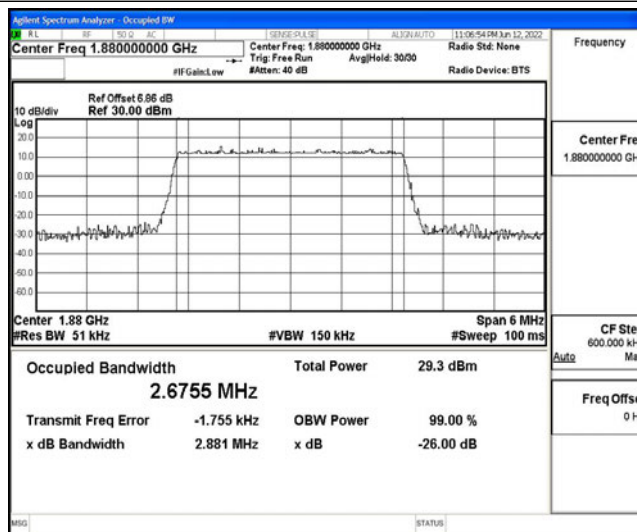




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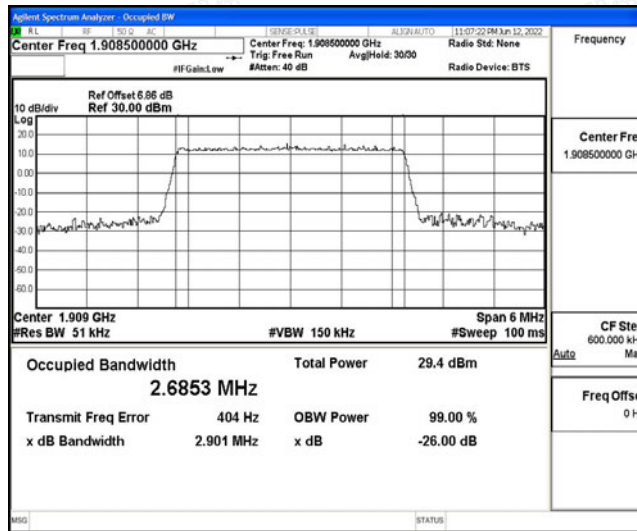


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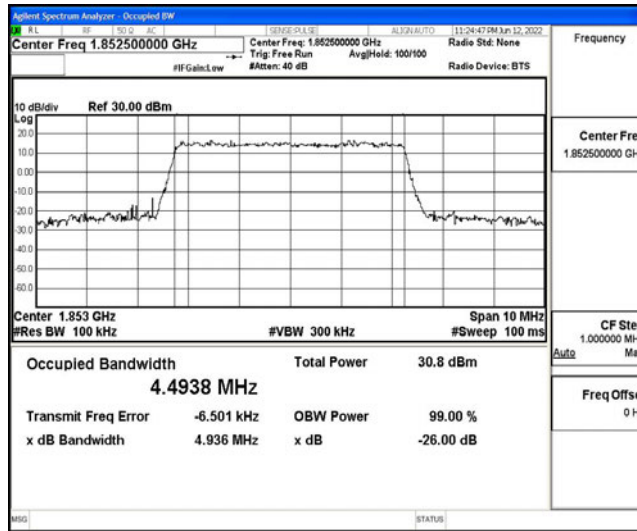


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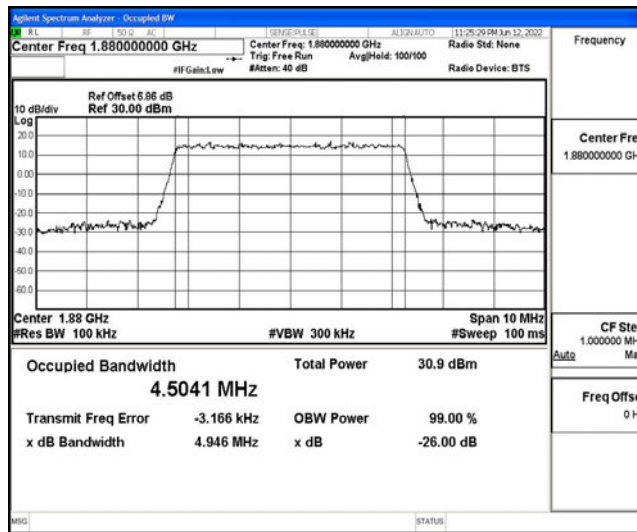




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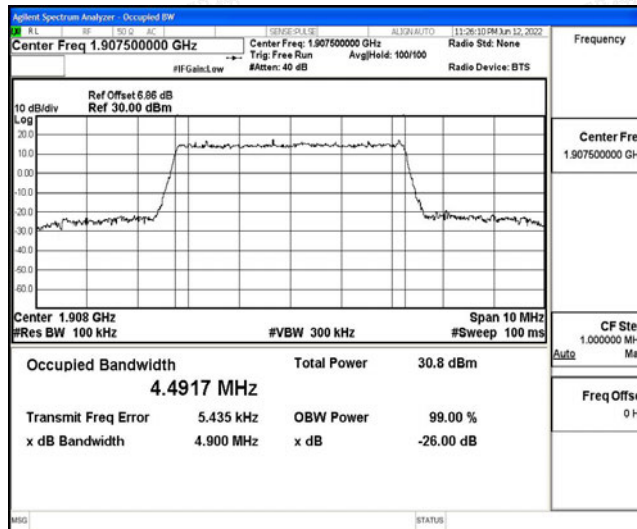


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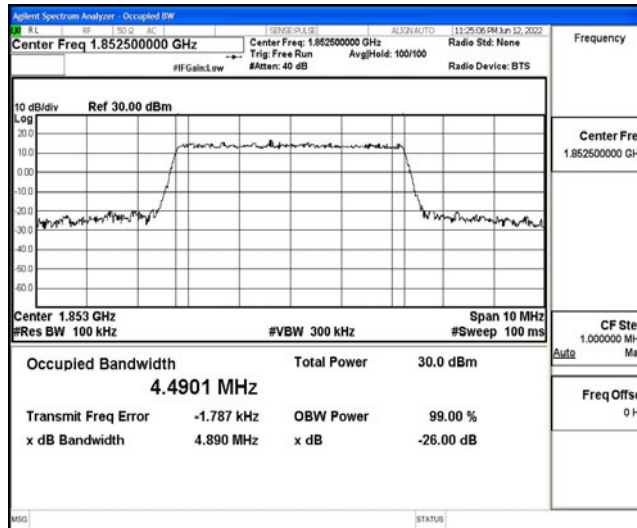


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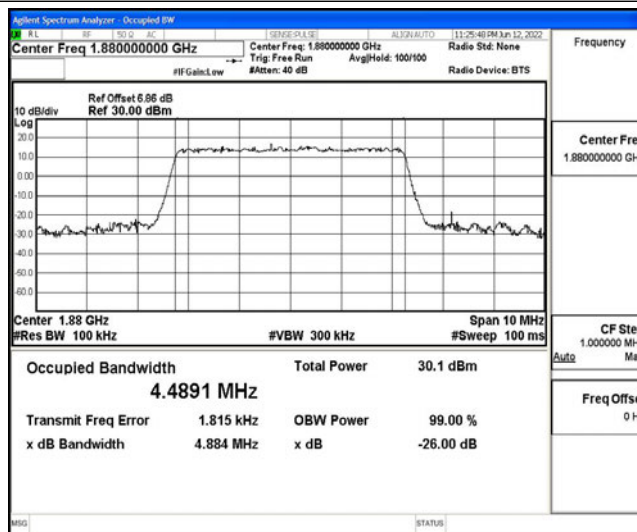




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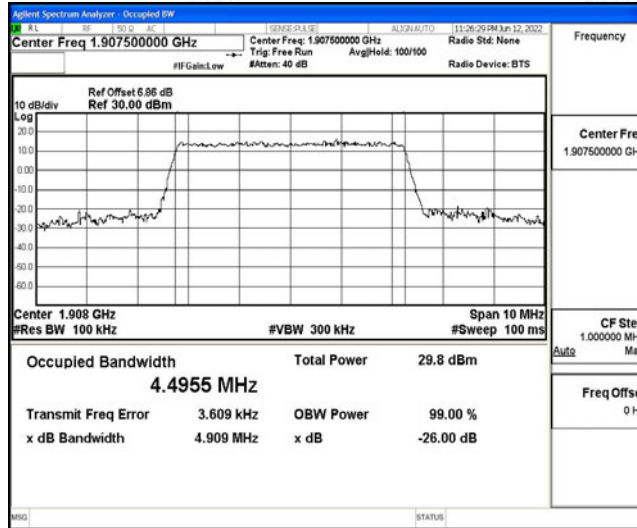


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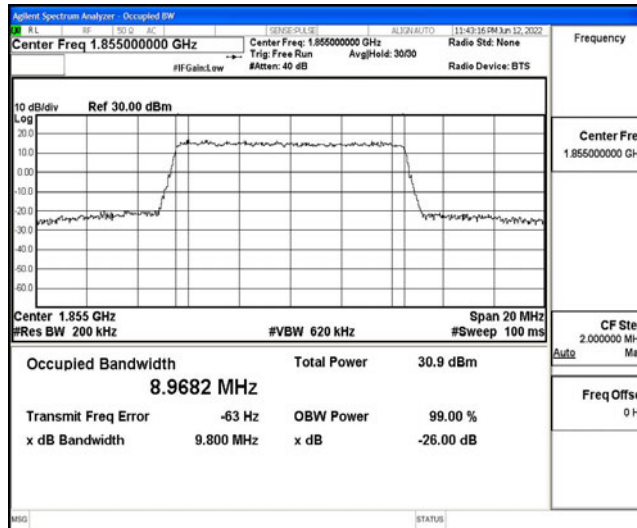


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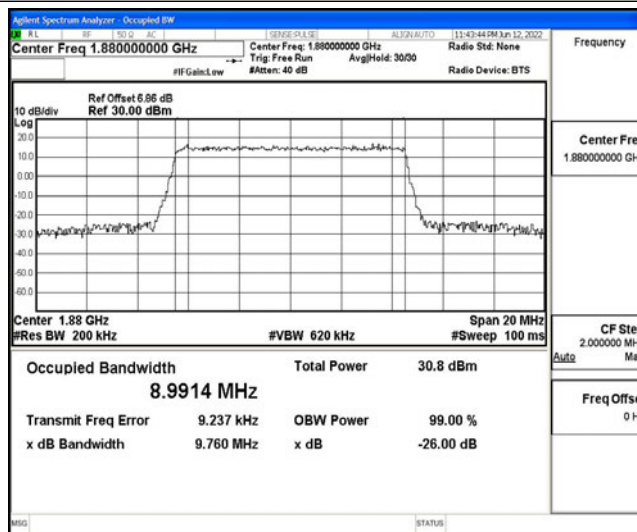




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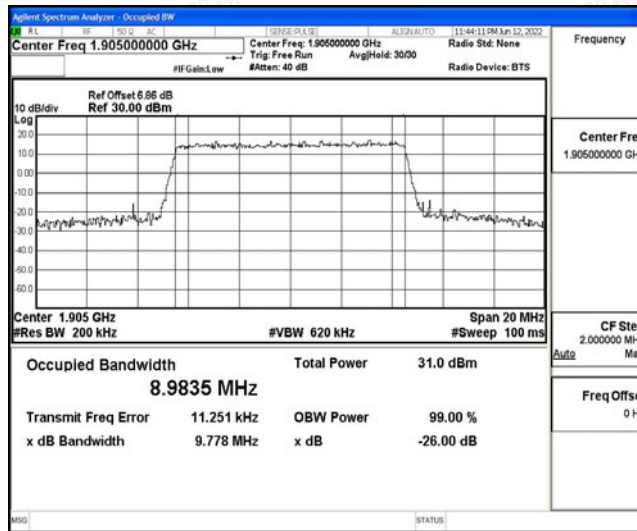


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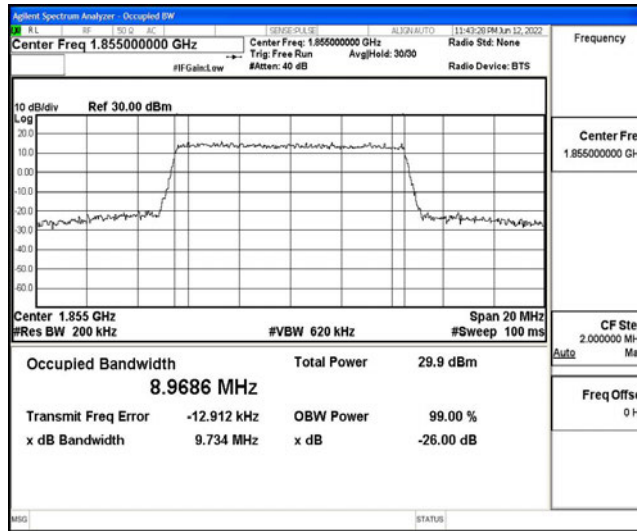


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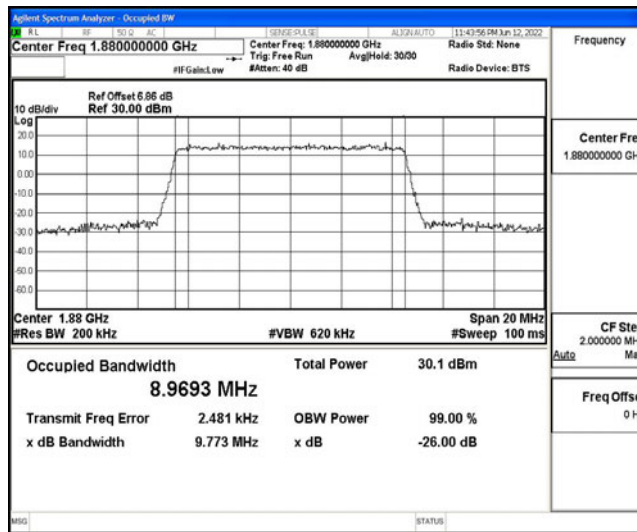




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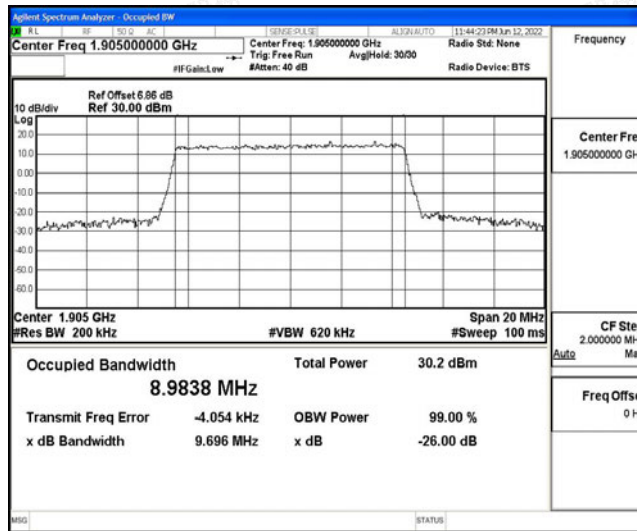


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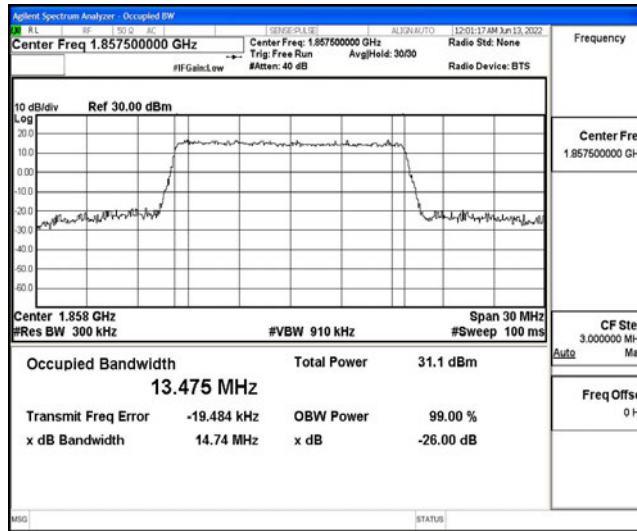


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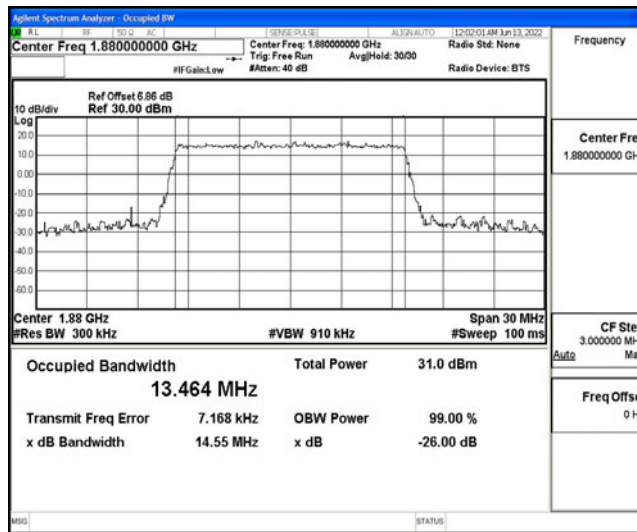




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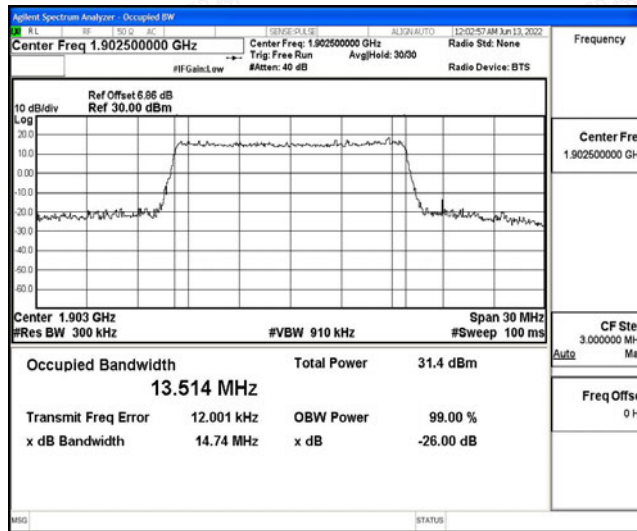


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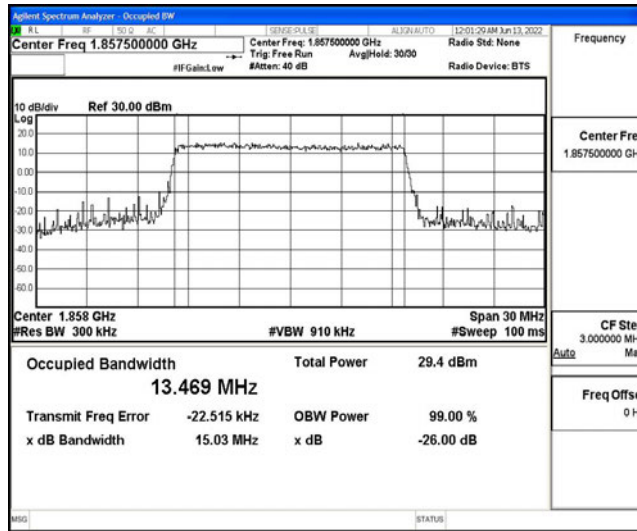


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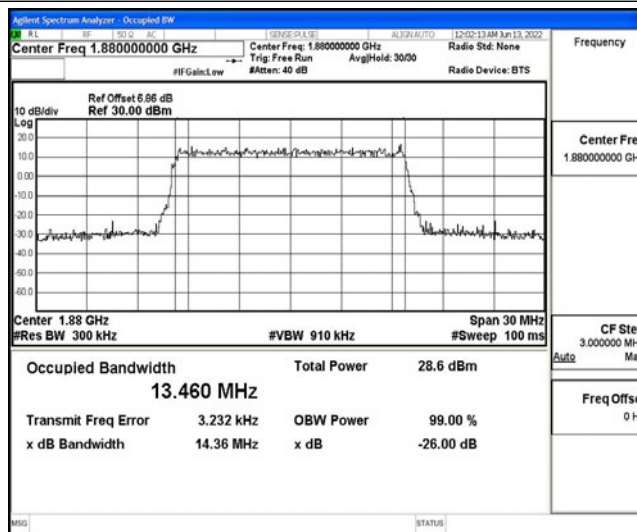




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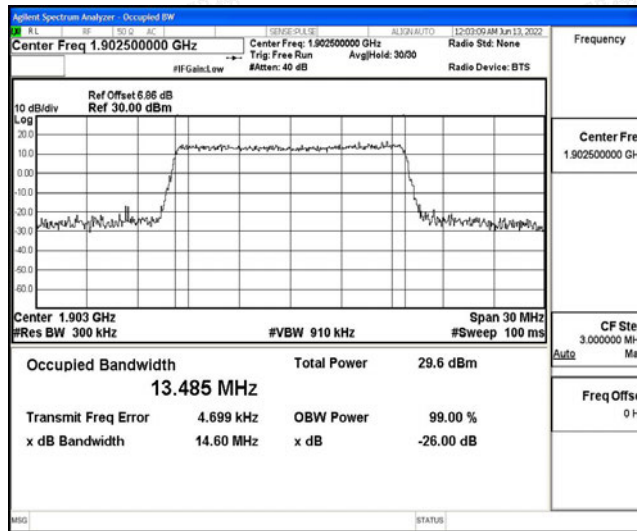


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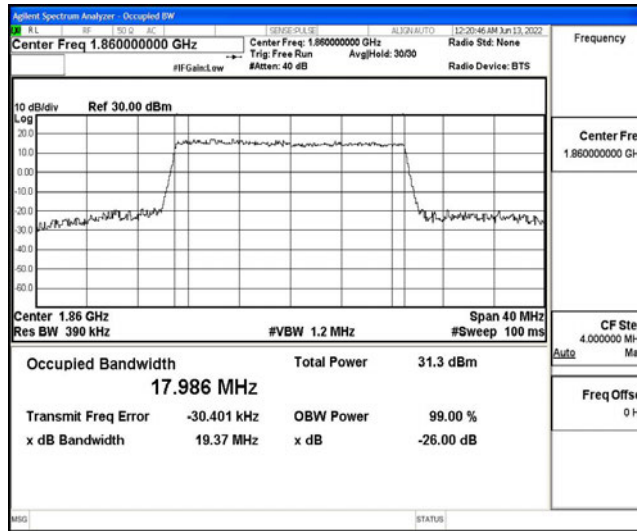


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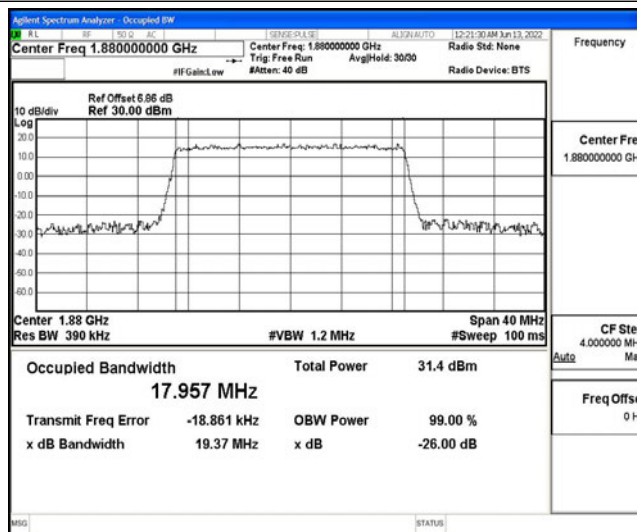




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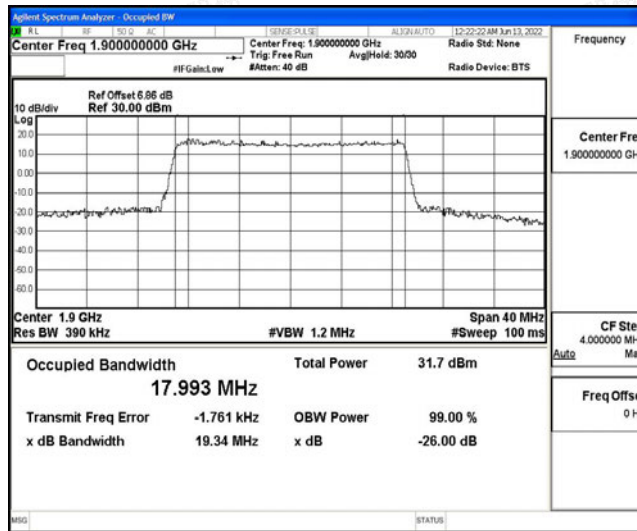


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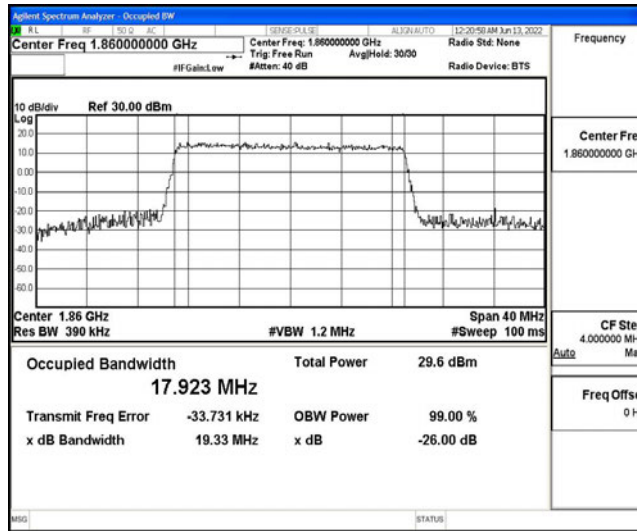


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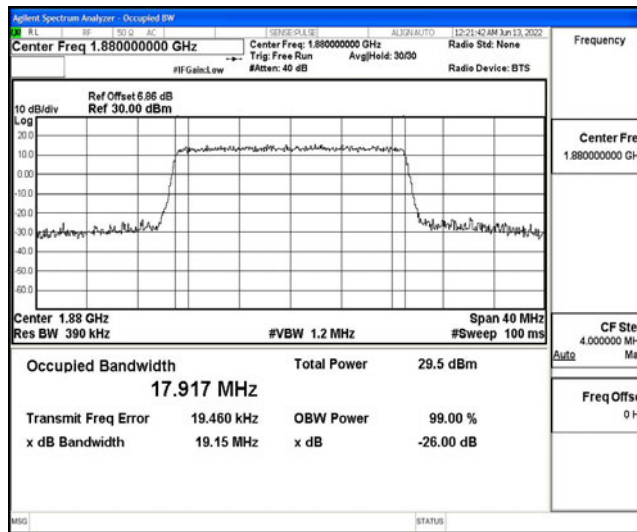




Band2-20MHz-16QAM-18700-100RB#0

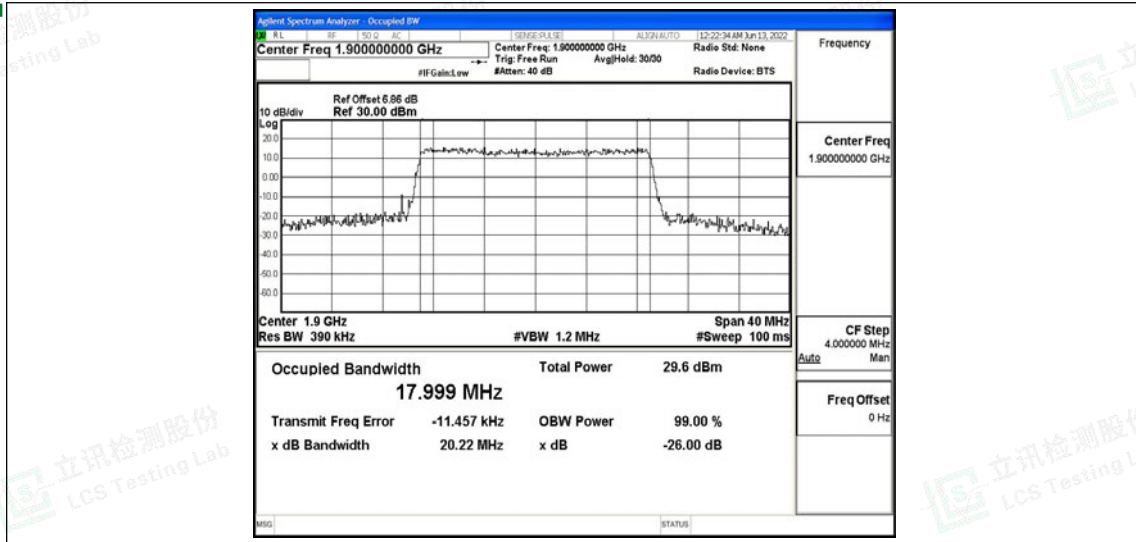


Band2-20MHz-16QAM-18900-100RB#0



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







D.4 Band Edge

Test Result

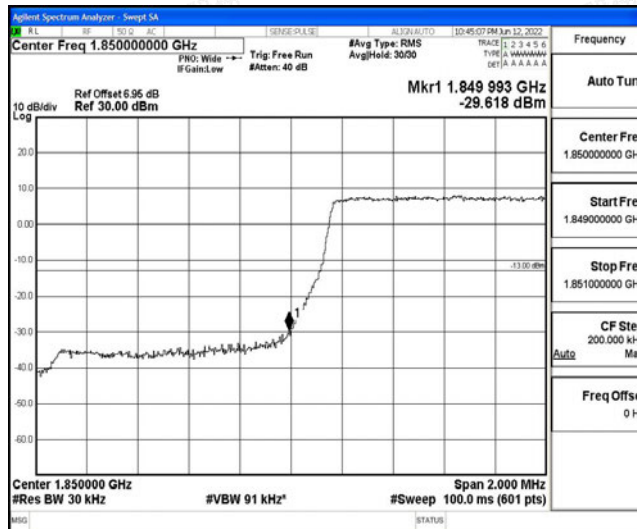
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-29.62	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-27.41	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.07	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-29.01	PASS
Band2	3MHz	QPSK	18615	15RB#0	-31.11	PASS
Band2	3MHz	QPSK	19185	15RB#0	-30.46	PASS
Band2	3MHz	16QAM	18615	15RB#0	-31.51	PASS
Band2	3MHz	16QAM	19185	15RB#0	-31.15	PASS
Band2	5MHz	QPSK	18625	25RB#0	-28.21	PASS
Band2	5MHz	QPSK	19175	25RB#0	-28.32	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.40	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.70	PASS
Band2	10MHz	QPSK	18650	50RB#0	-31.67	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.48	PASS
Band2	10MHz	16QAM	18650	50RB#0	-32.33	PASS
Band2	10MHz	16QAM	19150	50RB#0	-32.15	PASS
Band2	15MHz	QPSK	18675	75RB#0	-31.08	PASS
Band2	15MHz	QPSK	19125	75RB#0	-30.16	PASS
Band2	15MHz	16QAM	18675	75RB#0	-32.94	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.56	PASS
Band2	20MHz	QPSK	18700	100RB#0	-33.51	PASS
Band2	20MHz	QPSK	19100	100RB#0	-32.37	PASS
Band2	20MHz	16QAM	18700	100RB#0	-33.96	PASS
Band2	20MHz	16QAM	19100	100RB#0	-33.49	PASS

Test Graphs

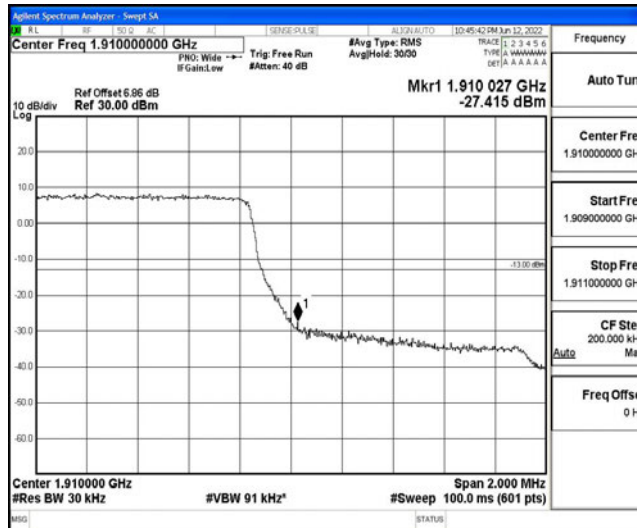
Band2-1.4MHz-QPSK-18607-6RB#0



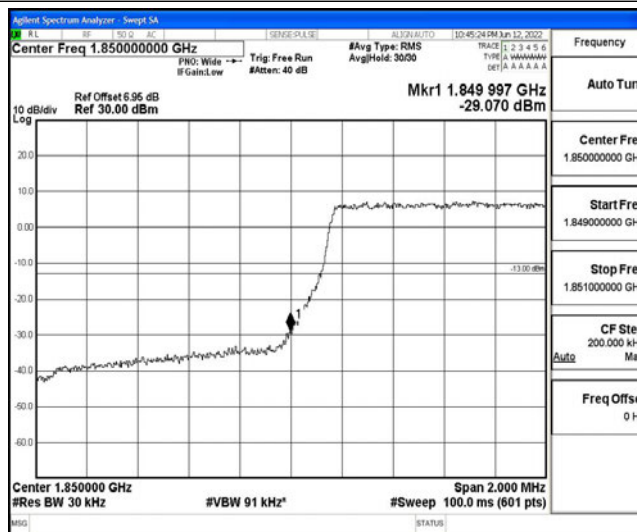
Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity



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

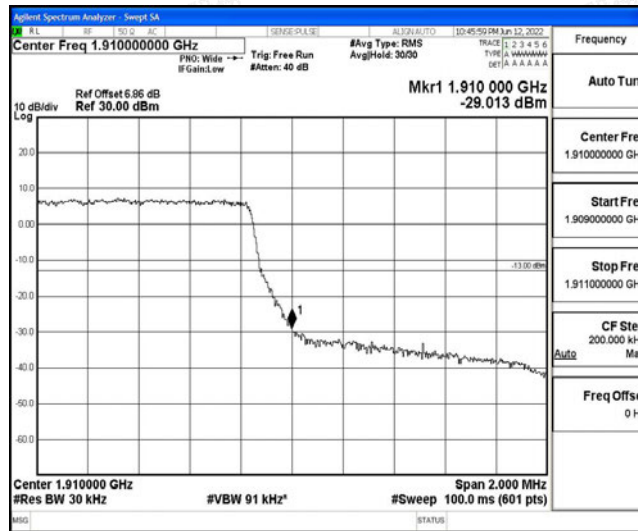


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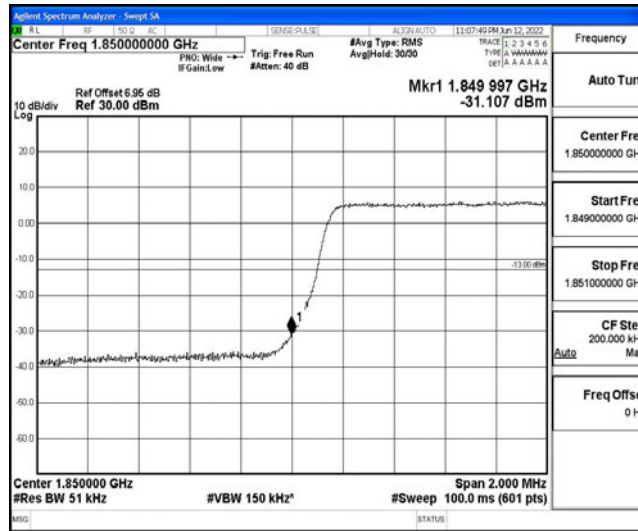


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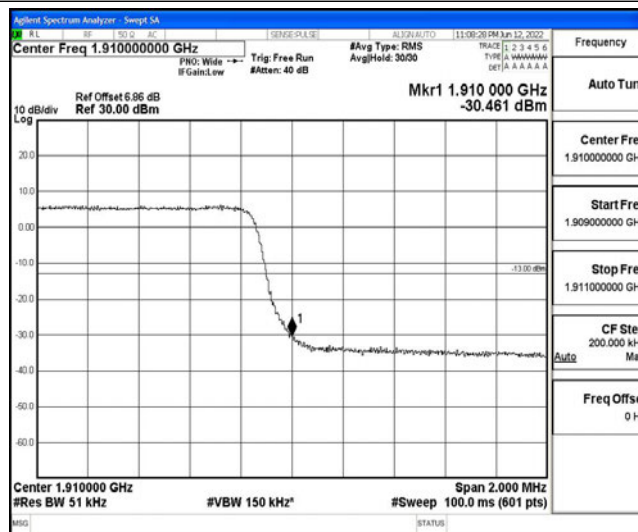




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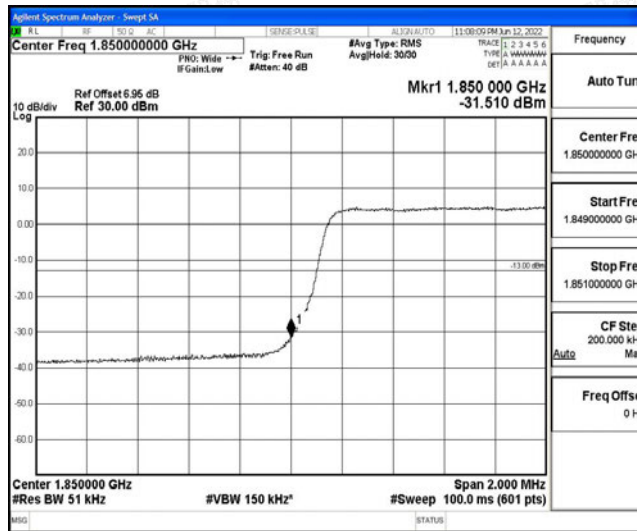


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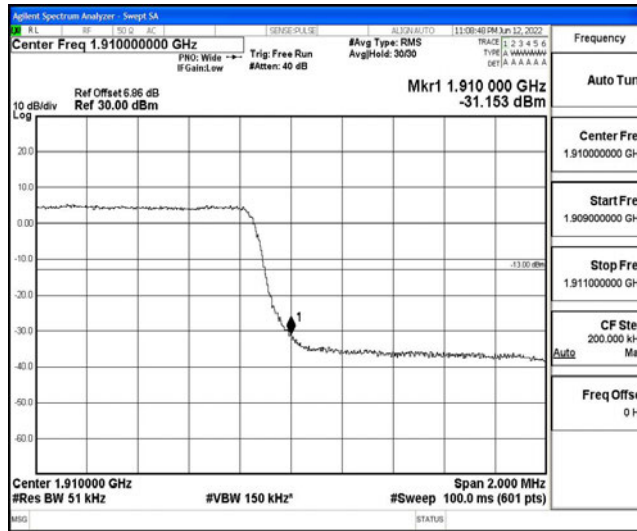


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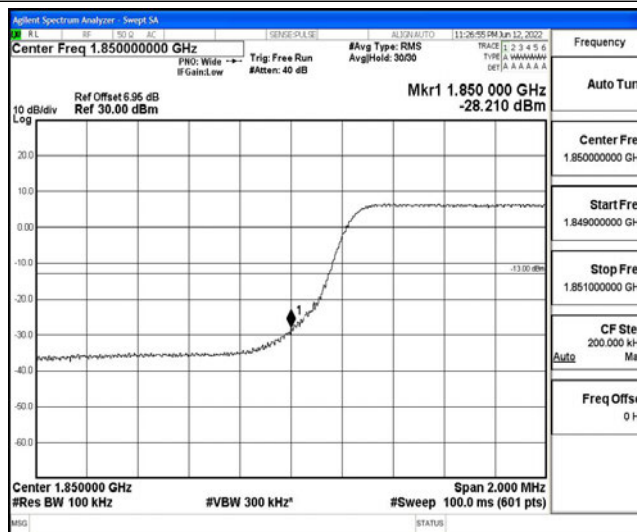




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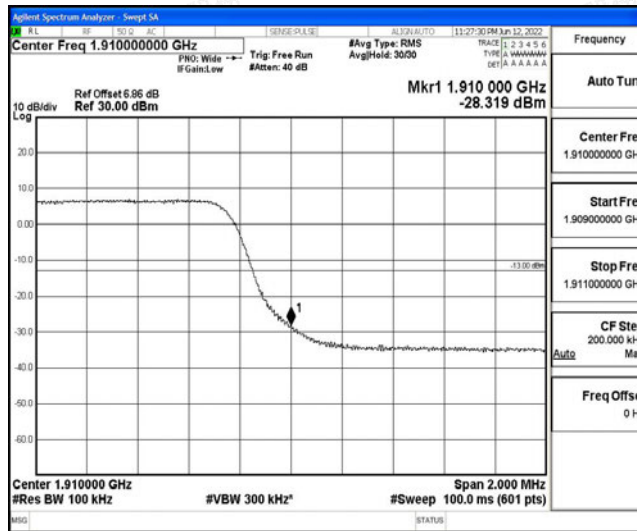


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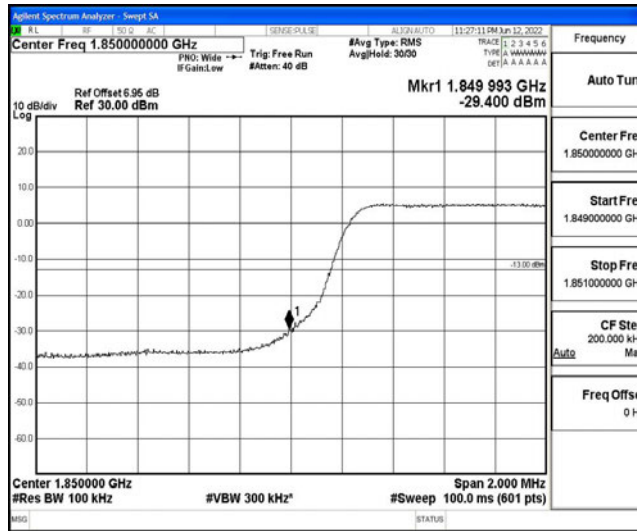


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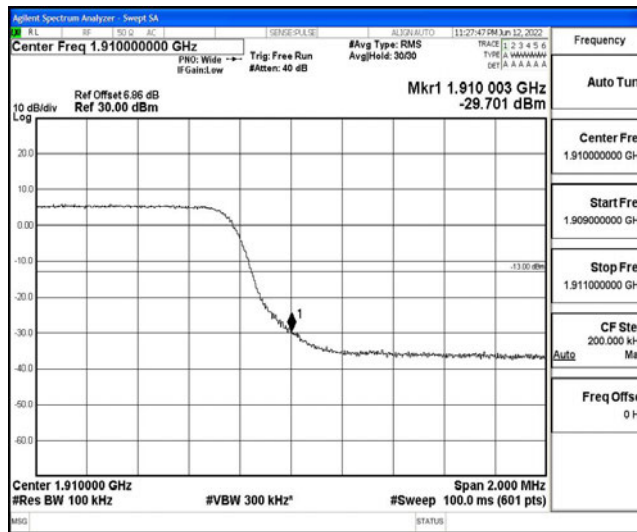




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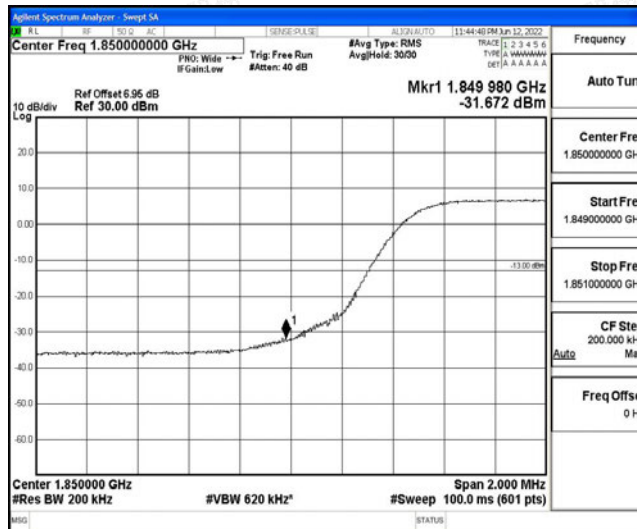


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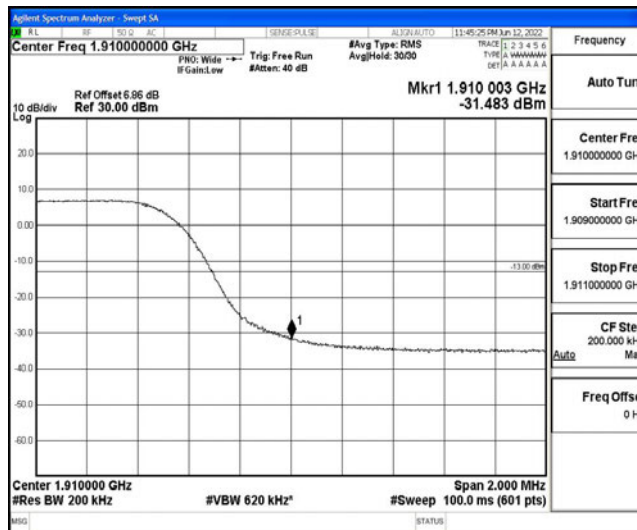


Band2-10MHz-QPSK-18650-50RB#0

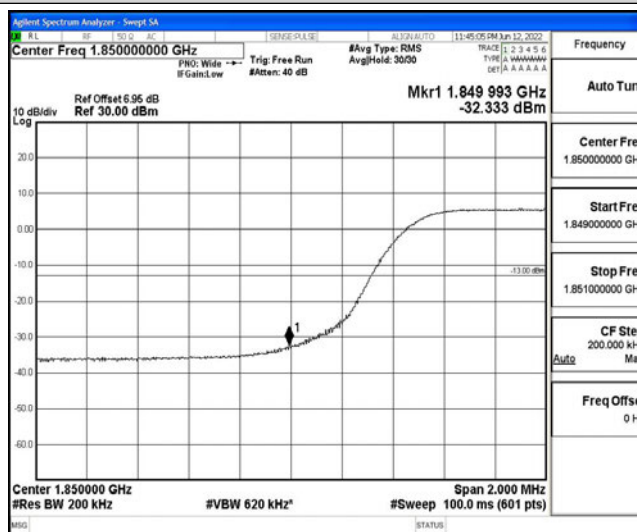




Band2-10MHz-QPSK-19150-50RB#0



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



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

