



Appendix D: Test Data for E-UTRA Band 2

Product Name: 8 inches tablet pc

Test Model: Ayat

Environmental Conditions

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



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



D.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.48	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.43	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.34	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.34	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.39	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.35	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.24	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.13	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.18	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.23	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.17	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.17	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	21.07	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.03	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	20.90	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	20.84	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	20.87	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	20.98	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	20.86	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	20.93	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	19.83	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.05	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.04	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	20.99	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.08	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.05	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	20.03	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.55	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.42	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.36	PASS





Band2	1.4MHz	16QAM	18900	1RB#5	20.45	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	20.02	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	19.94	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	19.88	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	19.20	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	19.88	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	19.94	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	19.81	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	19.63	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	19.60	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	19.67	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.07	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.25	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.31	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.16	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.34	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.36	PASS
Band2	3MHz	QPSK	18615	8RB#7	20.26	PASS
Band2	3MHz	QPSK	18615	15RB#0	20.38	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.07	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.19	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.10	PASS
Band2	3MHz	QPSK	18900	8RB#0	20.13	PASS
Band2	3MHz	QPSK	18900	8RB#4	20.10	PASS
Band2	3MHz	QPSK	18900	8RB#7	20.06	PASS
Band2	3MHz	QPSK	18900	15RB#0	20.09	PASS
Band2	3MHz	QPSK	19185	1RB#0	20.93	PASS
Band2	3MHz	QPSK	19185	1RB#8	20.97	PASS
Band2	3MHz	QPSK	19185	1RB#14	20.92	PASS
Band2	3MHz	QPSK	19185	8RB#0	19.85	PASS
Band2	3MHz	QPSK	19185	8RB#4	19.88	PASS
Band2	3MHz	QPSK	19185	8RB#7	19.97	PASS
Band2	3MHz	QPSK	19185	15RB#0	19.88	PASS
Band2	3MHz	16QAM	18615	1RB#0	20.21	PASS
Band2	3MHz	16QAM	18615	1RB#8	20.24	PASS



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	3MHz	16QAM	18615	1RB#14	20.13	PASS
Band2	3MHz	16QAM	18615	8RB#0	19.51	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.51	PASS
Band2	3MHz	16QAM	18615	8RB#7	19.42	PASS
Band2	3MHz	16QAM	18615	15RB#0	19.51	PASS
Band2	3MHz	16QAM	18900	1RB#0	19.78	PASS
Band2	3MHz	16QAM	18900	1RB#8	19.75	PASS
Band2	3MHz	16QAM	18900	1RB#14	19.78	PASS
Band2	3MHz	16QAM	18900	8RB#0	19.39	PASS
Band2	3MHz	16QAM	18900	8RB#4	19.40	PASS
Band2	3MHz	16QAM	18900	8RB#7	19.31	PASS
Band2	3MHz	16QAM	18900	15RB#0	19.35	PASS
Band2	3MHz	16QAM	19185	1RB#0	19.58	PASS
Band2	3MHz	16QAM	19185	1RB#8	19.63	PASS
Band2	3MHz	16QAM	19185	1RB#14	19.57	PASS
Band2	3MHz	16QAM	19185	8RB#0	19.11	PASS
Band2	3MHz	16QAM	19185	8RB#4	19.11	PASS
Band2	3MHz	16QAM	19185	8RB#7	19.16	PASS
Band2	3MHz	16QAM	19185	15RB#0	18.92	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.29	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.22	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.19	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.40	PASS
Band2	5MHz	QPSK	18625	12RB#6	20.30	PASS
Band2	5MHz	QPSK	18625	12RB#13	20.31	PASS
Band2	5MHz	QPSK	18625	25RB#0	20.19	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.03	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.04	PASS
Band2	5MHz	QPSK	18900	1RB#24	20.98	PASS
Band2	5MHz	QPSK	18900	12RB#0	20.07	PASS
Band2	5MHz	QPSK	18900	12RB#6	20.08	PASS
Band2	5MHz	QPSK	18900	12RB#13	20.12	PASS
Band2	5MHz	QPSK	18900	25RB#0	20.05	PASS
Band2	5MHz	QPSK	19175	1RB#0	20.87	PASS
Band2	5MHz	QPSK	19175	1RB#12	20.87	PASS



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	5MHz	QPSK	19175	1RB#24	20.86	PASS
Band2	5MHz	QPSK	19175	12RB#0	19.88	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.04	PASS
Band2	5MHz	QPSK	19175	12RB#13	19.99	PASS
Band2	5MHz	QPSK	19175	25RB#0	19.89	PASS
Band2	5MHz	16QAM	18625	1RB#0	19.74	PASS
Band2	5MHz	16QAM	18625	1RB#12	19.68	PASS
Band2	5MHz	16QAM	18625	1RB#24	19.65	PASS
Band2	5MHz	16QAM	18625	12RB#0	19.48	PASS
Band2	5MHz	16QAM	18625	12RB#6	19.46	PASS
Band2	5MHz	16QAM	18625	12RB#13	19.31	PASS
Band2	5MHz	16QAM	18625	25RB#0	19.45	PASS
Band2	5MHz	16QAM	18900	1RB#0	19.57	PASS
Band2	5MHz	16QAM	18900	1RB#12	19.50	PASS
Band2	5MHz	16QAM	18900	1RB#24	19.46	PASS
Band2	5MHz	16QAM	18900	12RB#0	19.15	PASS
Band2	5MHz	16QAM	18900	12RB#6	19.16	PASS
Band2	5MHz	16QAM	18900	12RB#13	19.21	PASS
Band2	5MHz	16QAM	18900	25RB#0	19.29	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.18	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.15	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.16	PASS
Band2	5MHz	16QAM	19175	12RB#0	19.09	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.10	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.08	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.11	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.26	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.09	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.13	PASS
Band2	10MHz	QPSK	18650	25RB#0	20.16	PASS
Band2	10MHz	QPSK	18650	25RB#12	20.29	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.18	PASS
Band2	10MHz	QPSK	18650	50RB#0	20.15	PASS
Band2	10MHz	QPSK	18900	1RB#0	20.97	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.02	PASS





Band2	10MHz	QPSK	18900	1RB#49	20.99	PASS
Band2	10MHz	QPSK	18900	25RB#0	20.21	PASS
Band2	10MHz	QPSK	18900	25RB#12	20.10	PASS
Band2	10MHz	QPSK	18900	25RB#25	20.17	PASS
Band2	10MHz	QPSK	18900	50RB#0	20.18	PASS
Band2	10MHz	QPSK	19150	1RB#0	20.88	PASS
Band2	10MHz	QPSK	19150	1RB#24	20.89	PASS
Band2	10MHz	QPSK	19150	1RB#49	20.91	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.18	PASS
Band2	10MHz	QPSK	19150	25RB#12	20.11	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.07	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.36	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.23	PASS
Band2	10MHz	16QAM	18650	1RB#49	20.17	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.28	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.31	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.27	PASS
Band2	10MHz	16QAM	18650	50RB#0	19.35	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.16	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.16	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.07	PASS
Band2	10MHz	16QAM	18900	25RB#0	19.21	PASS
Band2	10MHz	16QAM	18900	25RB#12	19.22	PASS
Band2	10MHz	16QAM	18900	25RB#25	19.15	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.25	PASS
Band2	10MHz	16QAM	19150	1RB#0	19.63	PASS
Band2	10MHz	16QAM	19150	1RB#24	19.62	PASS
Band2	10MHz	16QAM	19150	1RB#49	19.62	PASS
Band2	10MHz	16QAM	19150	25RB#0	19.15	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.16	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.10	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.03	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.24	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.10	PASS



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	15MHz	QPSK	18675	1RB#74	21.10	PASS
Band2	15MHz	QPSK	18675	38RB#0	20.14	PASS
Band2	15MHz	QPSK	18675	38RB#18	20.14	PASS
Band2	15MHz	QPSK	18675	38RB#37	20.13	PASS
Band2	15MHz	QPSK	18675	75RB#0	20.13	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.14	PASS
Band2	15MHz	QPSK	18900	1RB#38	20.91	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.01	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.08	PASS
Band2	15MHz	QPSK	18900	38RB#18	20.08	PASS
Band2	15MHz	QPSK	18900	38RB#37	20.08	PASS
Band2	15MHz	QPSK	18900	75RB#0	20.08	PASS
Band2	15MHz	QPSK	19125	1RB#0	20.83	PASS
Band2	15MHz	QPSK	19125	1RB#38	20.80	PASS
Band2	15MHz	QPSK	19125	1RB#74	20.74	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.08	PASS
Band2	15MHz	QPSK	19125	38RB#18	19.78	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.09	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.09	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.52	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.20	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.17	PASS
Band2	15MHz	16QAM	18675	38RB#0	20.14	PASS
Band2	15MHz	16QAM	18675	38RB#18	20.13	PASS
Band2	15MHz	16QAM	18675	38RB#37	20.13	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.23	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.20	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.07	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.09	PASS
Band2	15MHz	16QAM	18900	38RB#0	20.08	PASS
Band2	15MHz	16QAM	18900	38RB#18	20.08	PASS
Band2	15MHz	16QAM	18900	38RB#37	20.08	PASS
Band2	15MHz	16QAM	18900	75RB#0	19.16	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.12	PASS
Band2	15MHz	16QAM	19125	1RB#38	20.19	PASS



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	15MHz	16QAM	19125	1RB#74	20.07	PASS
Band2	15MHz	16QAM	19125	38RB#0	20.09	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.09	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.09	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.13	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.58	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.43	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.36	PASS
Band2	20MHz	QPSK	18700	50RB#0	20.24	PASS
Band2	20MHz	QPSK	18700	50RB#25	20.24	PASS
Band2	20MHz	QPSK	18700	50RB#50	20.19	PASS
Band2	20MHz	QPSK	18700	100RB#0	20.25	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.27	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.30	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.23	PASS
Band2	20MHz	QPSK	18900	50RB#0	20.19	PASS
Band2	20MHz	QPSK	18900	50RB#25	20.21	PASS
Band2	20MHz	QPSK	18900	50RB#50	20.19	PASS
Band2	20MHz	QPSK	18900	100RB#0	20.17	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.21	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.06	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.06	PASS
Band2	20MHz	QPSK	19100	50RB#0	19.95	PASS
Band2	20MHz	QPSK	19100	50RB#25	19.98	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.05	PASS
Band2	20MHz	QPSK	19100	100RB#0	19.90	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.61	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.28	PASS
Band2	20MHz	16QAM	18700	1RB#99	20.32	PASS
Band2	20MHz	16QAM	18700	50RB#0	19.49	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.49	PASS
Band2	20MHz	16QAM	18700	50RB#50	19.33	PASS
Band2	20MHz	16QAM	18700	100RB#0	19.31	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.15	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.09	PASS





Band2	20MHz	16QAM	18900	1RB#99	20.08	PASS
Band2	20MHz	16QAM	18900	50RB#0	19.33	PASS
Band2	20MHz	16QAM	18900	50RB#25	19.33	PASS
Band2	20MHz	16QAM	18900	50RB#50	19.30	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.30	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.38	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.25	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.17	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.18	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.14	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.11	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.25	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	4.51	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.82	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.45	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.22	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.53	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.25	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.56	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.78	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.59	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.37	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.61	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.43	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.65	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.82	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.64	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.39	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.51	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.45	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.00	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.93	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.70	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.72	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.64	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.51	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.43	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.29	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.16	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	5.95	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.84	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.71	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.34	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.28	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.23	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.05	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.98	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.88	13	PASS



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

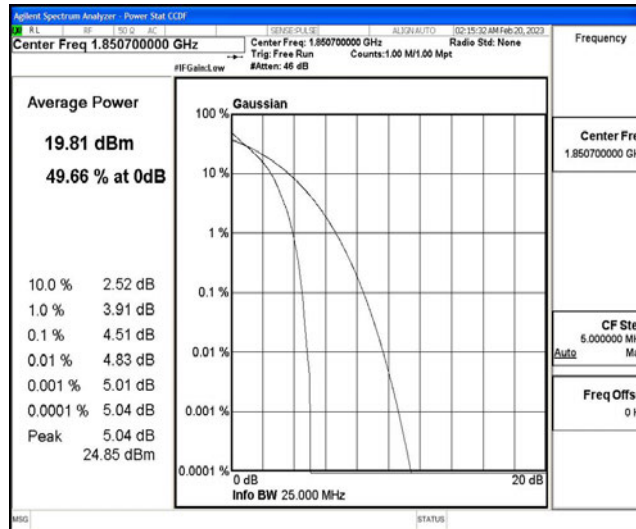
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

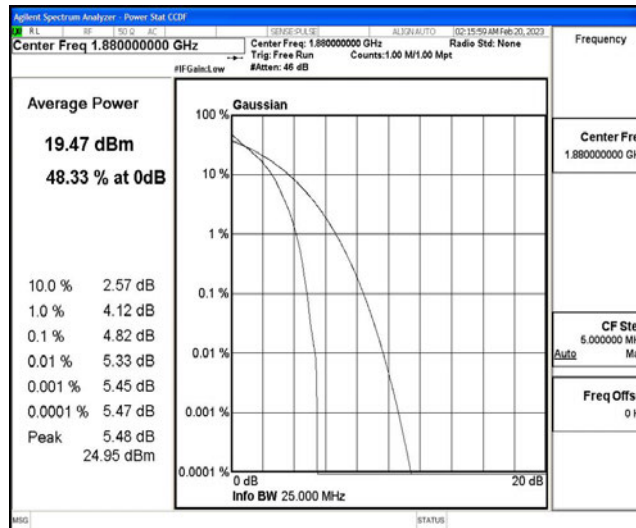


Test Graphs

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

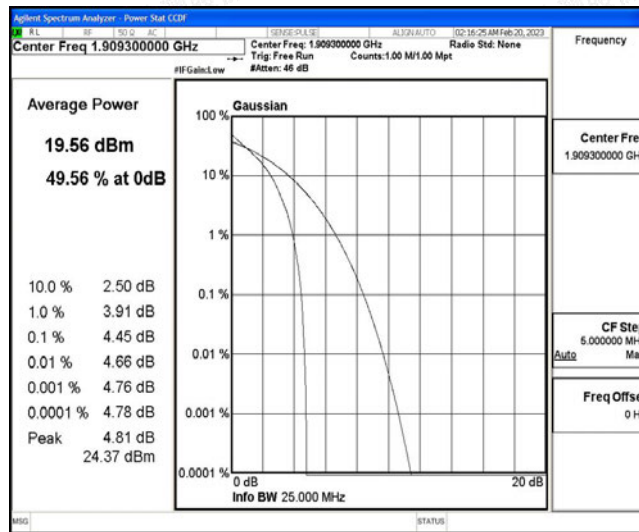


Band2-1.4MHz-QPSK-18900-6RB#0

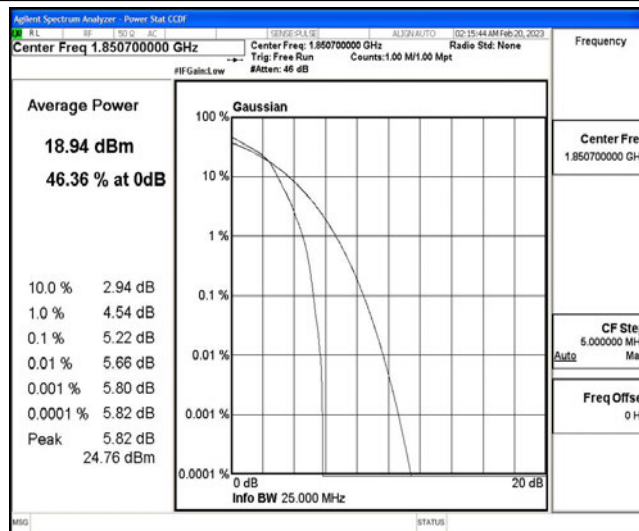


Band2-1.4MHz-QPSK-19193-6RB#0

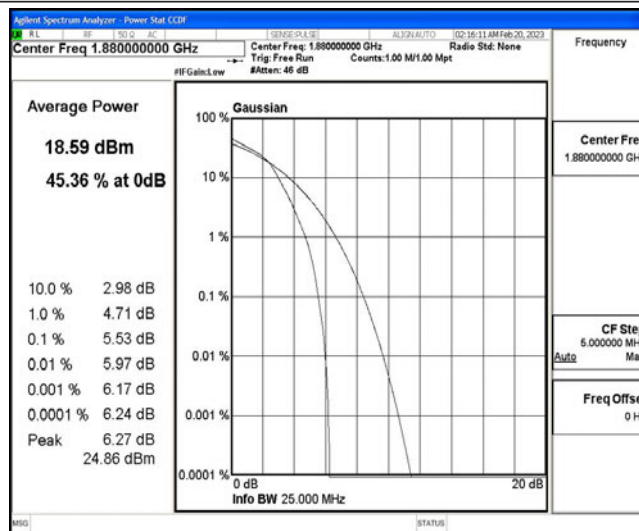




Band2-1.4MHz-16QAM-18607-6RB#0

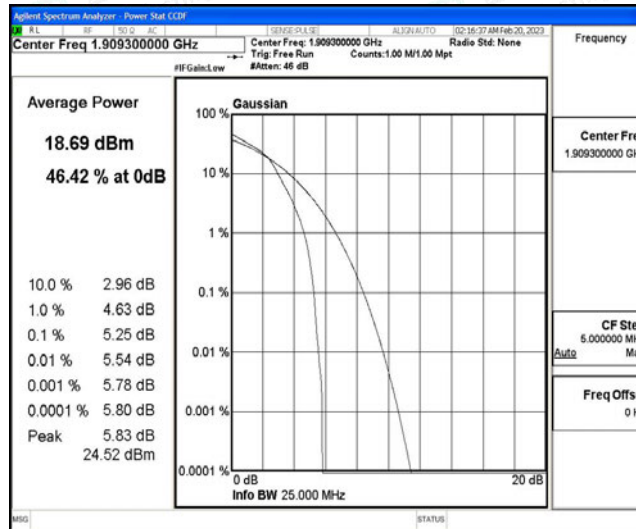


Band2-1.4MHz-16QAM-18900-6RB#0

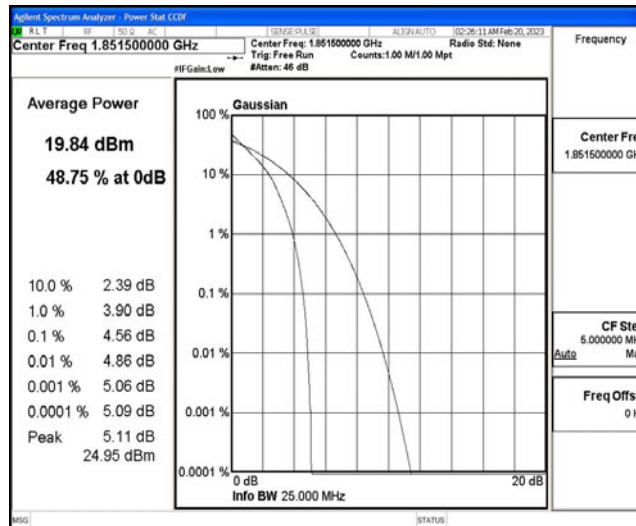




Band2-1.4MHz-16QAM-19193-6RB#0

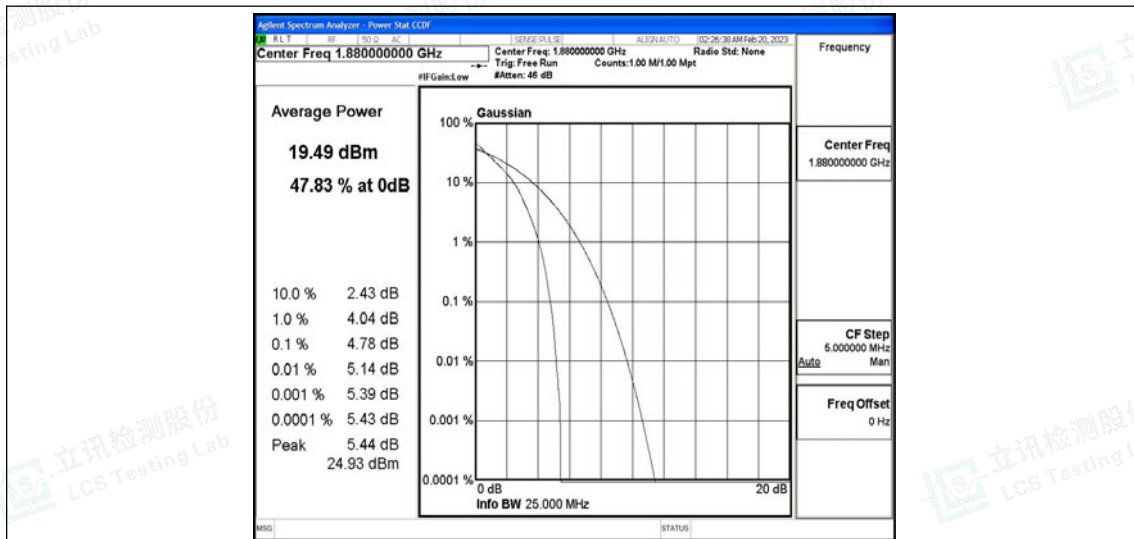


Band2-3MHz-QPSK-18615-15RB#0

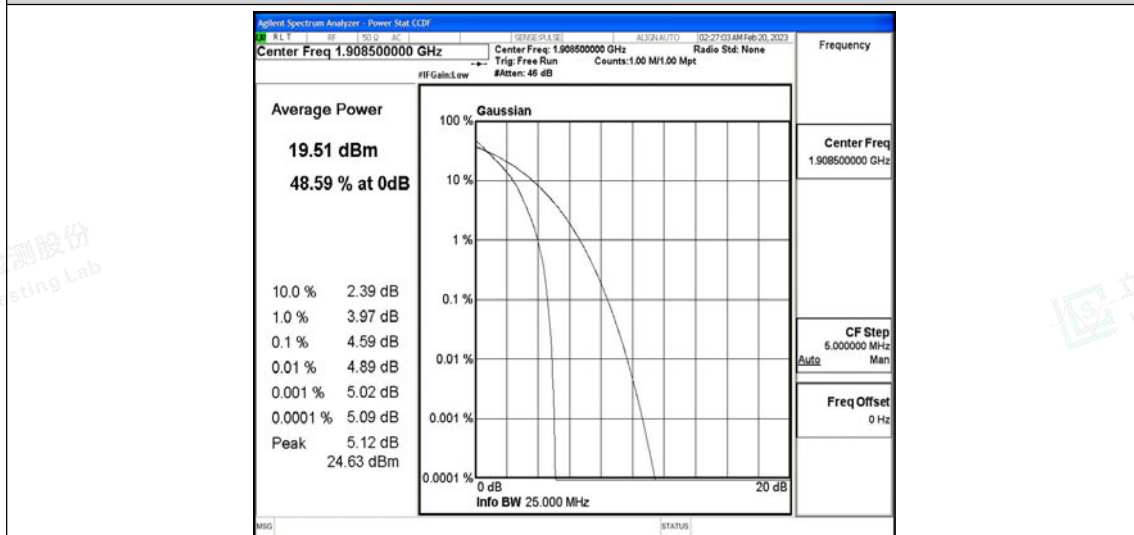


Band2-3MHz-QPSK-18900-15RB#0

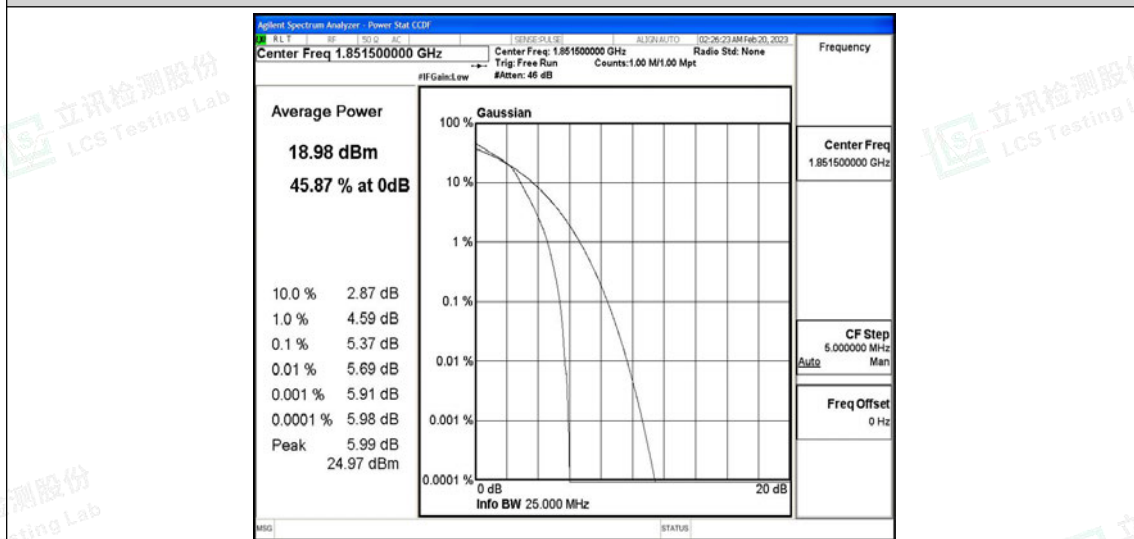




Band2-3MHz-QPSK-19185-15RB#0

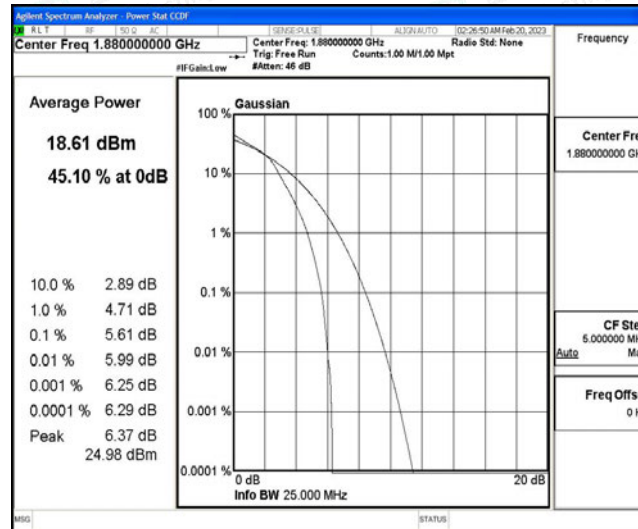


Band2-3MHz-16QAM-18615-15RB#0

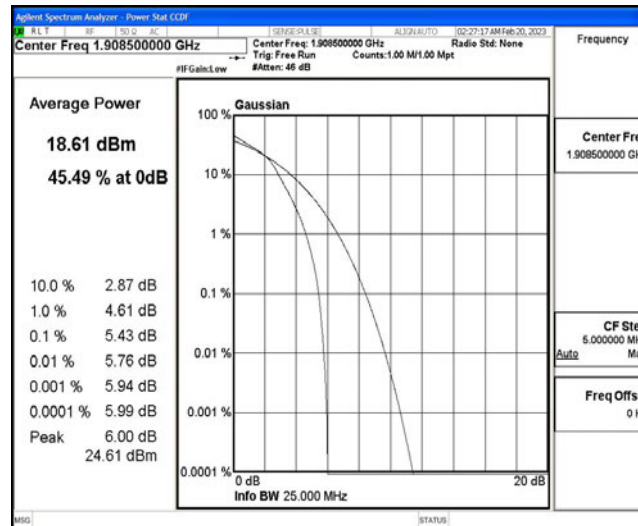




Band2-3MHz-16QAM-18900-15RB#0

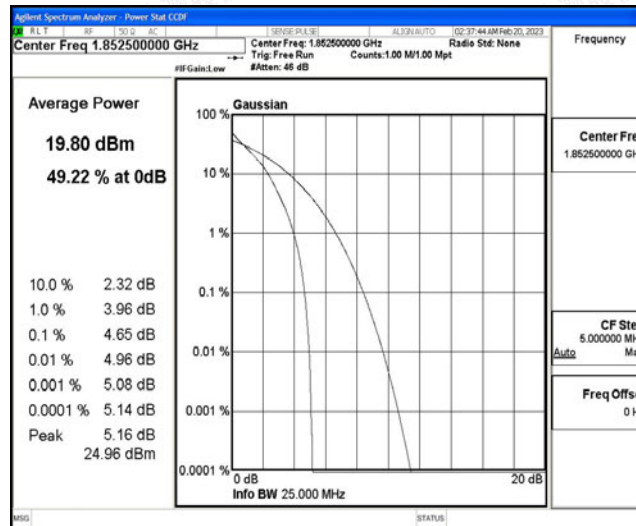


Band2-3MHz-16QAM-19185-15RB#0

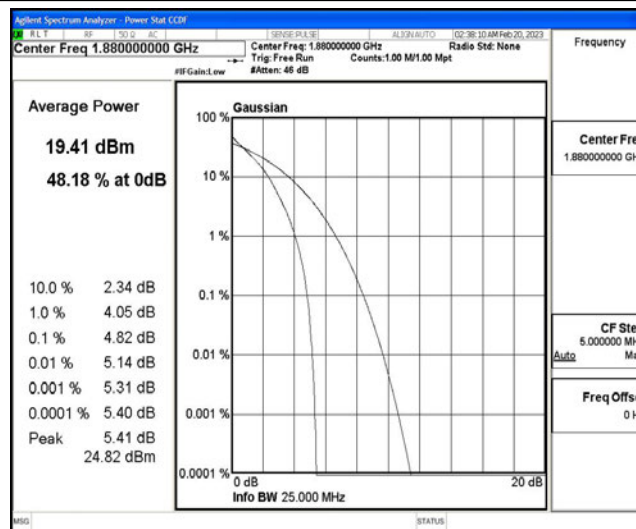


Band2-5MHz-QPSK-18625-25RB#0

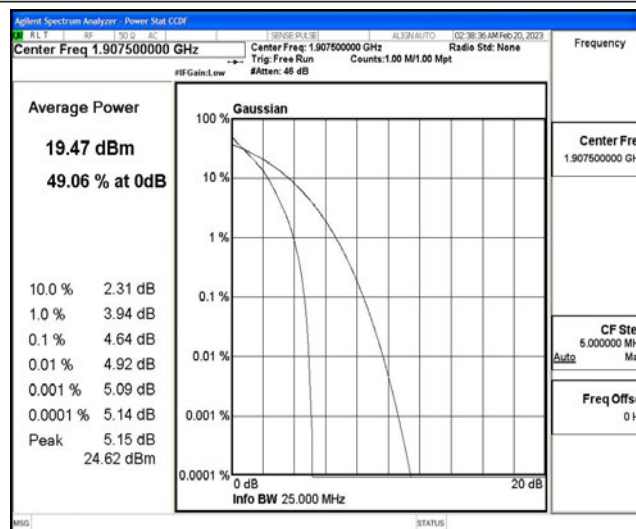




Band2-5MHz-QPSK-18900-25RB#0

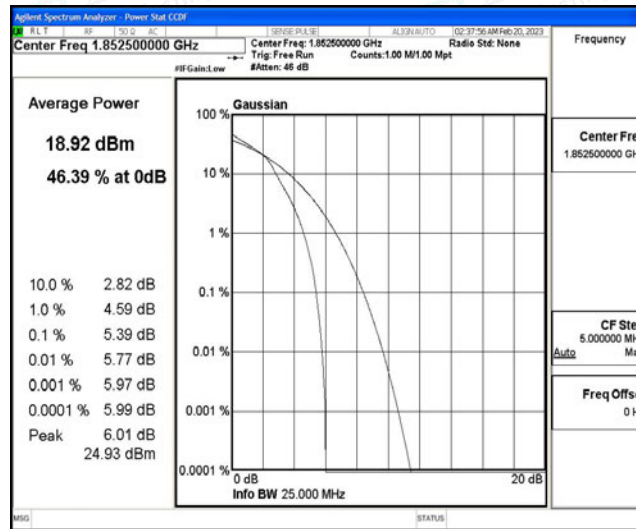


Band2-5MHz-QPSK-19175-25RB#0

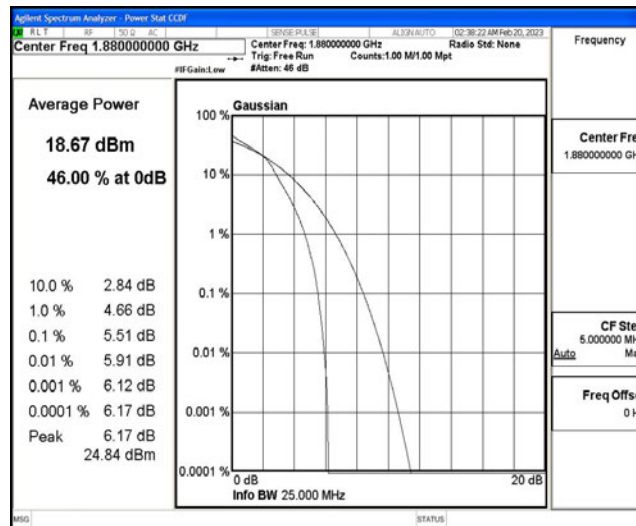




Band2-5MHz-16QAM-18625-25RB#0

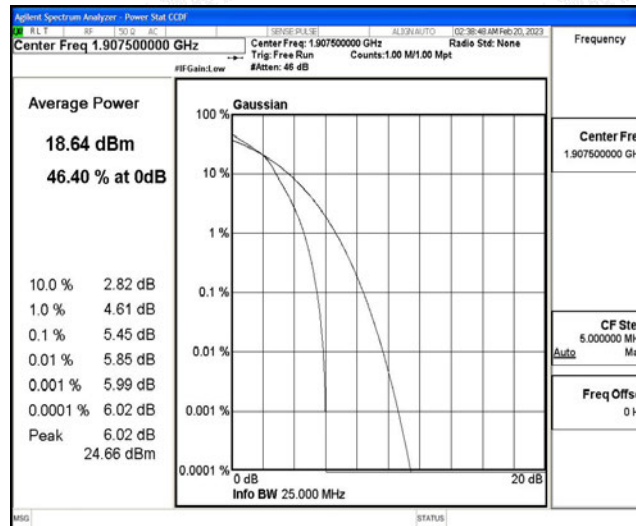


Band2-5MHz-16QAM-18900-25RB#0

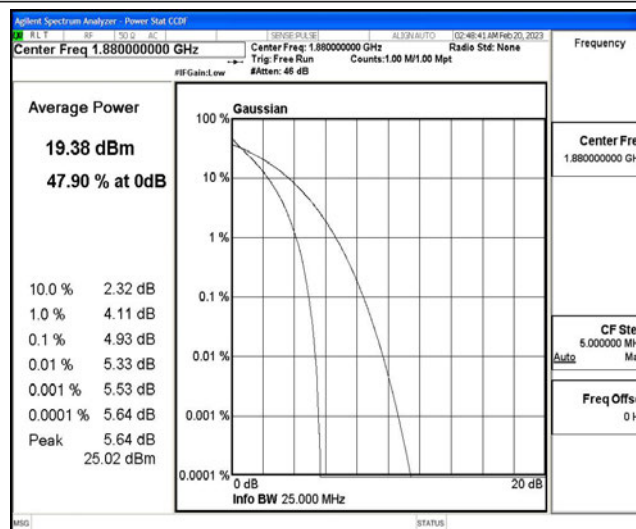


Band2-5MHz-16QAM-19175-25RB#0





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

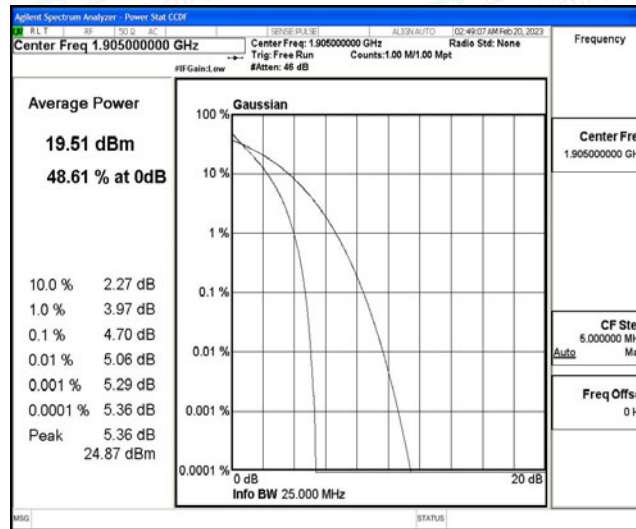


Band2-10MHz-QPSK-18900-50RB#0

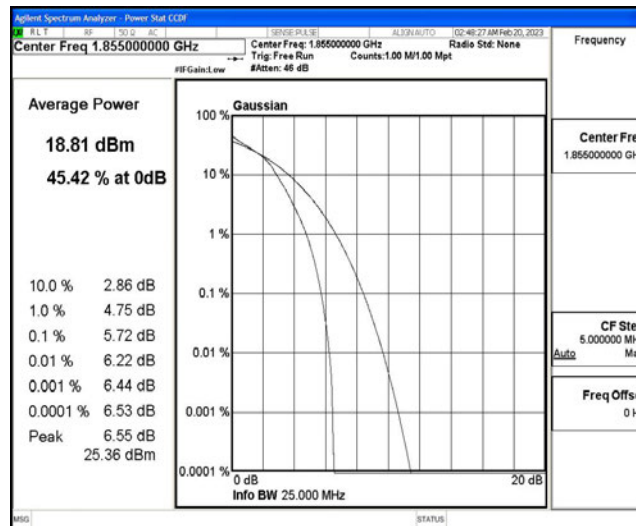




Band2-10MHz-QPSK-19150-50RB#0

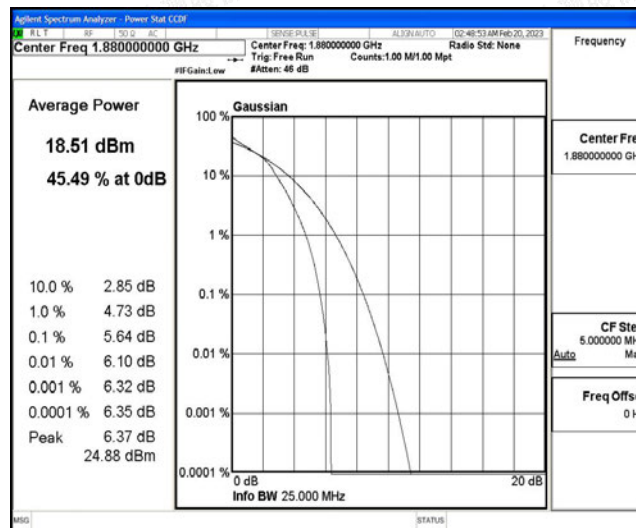


Band2-10MHz-16QAM-18650-50RB#0

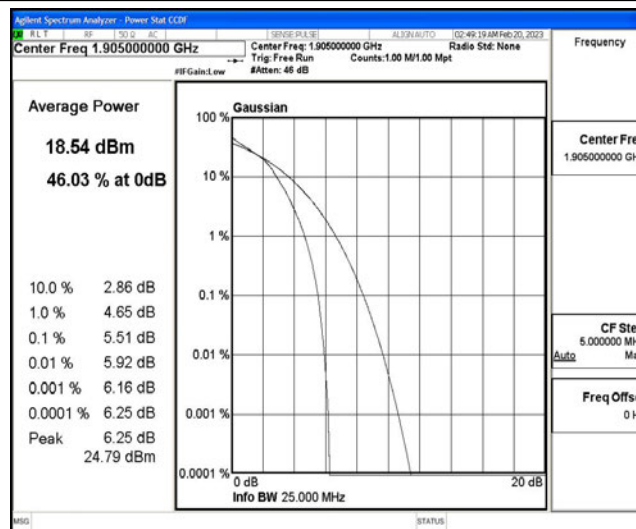


Band2-10MHz-16QAM-18900-50RB#0

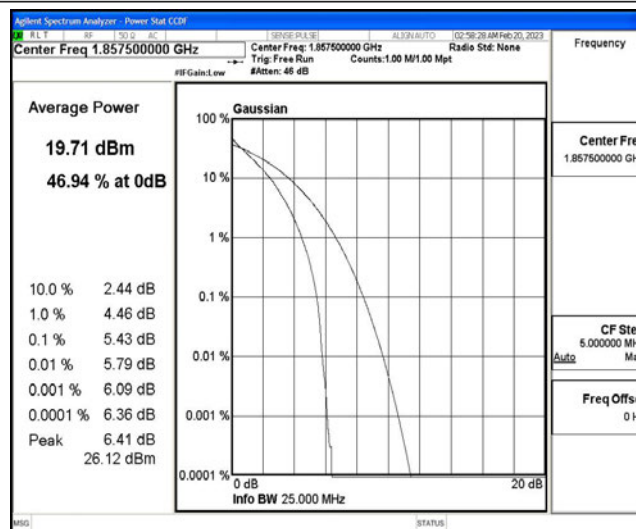




Band2-10MHz-16QAM-19150-50RB#0

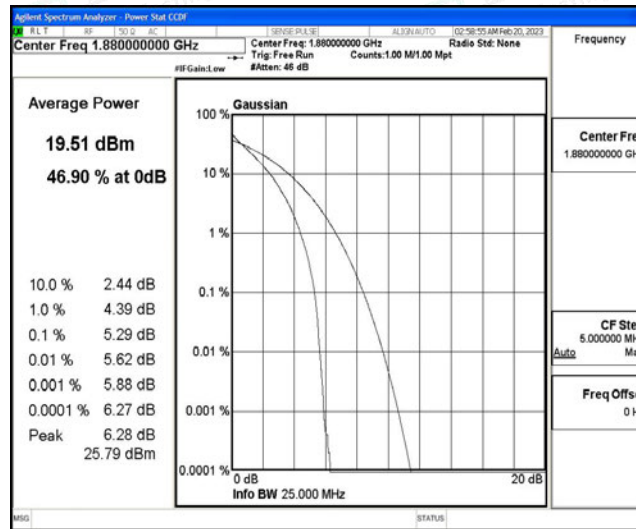


Band2-15MHz-QPSK-18675-75RB#0

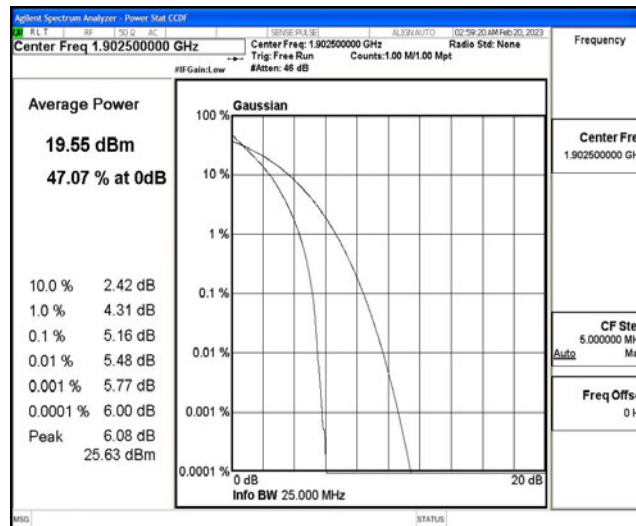




Band2-15MHz-QPSK-18900-75RB#0

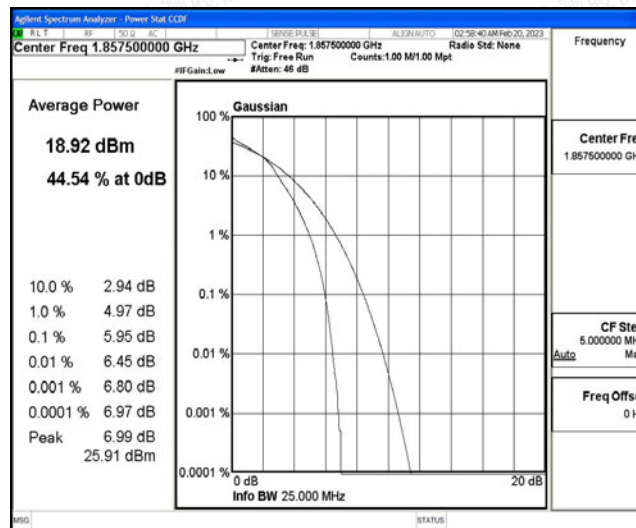


Band2-15MHz-QPSK-19125-75RB#0

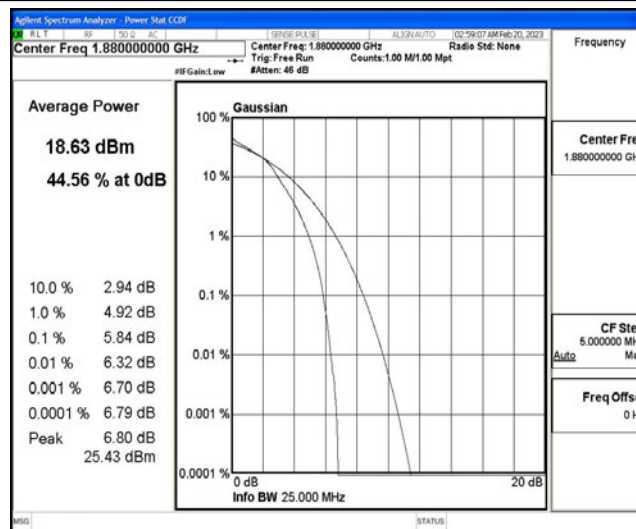


Band2-15MHz-16QAM-18675-75RB#0

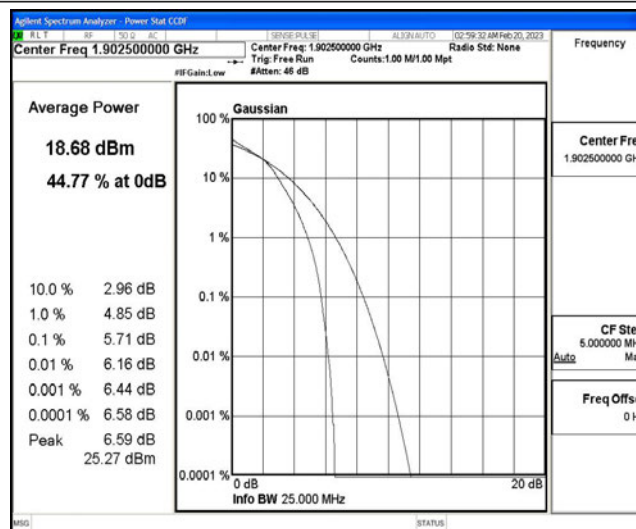




Band2-15MHz-16QAM-18900-75RB#0

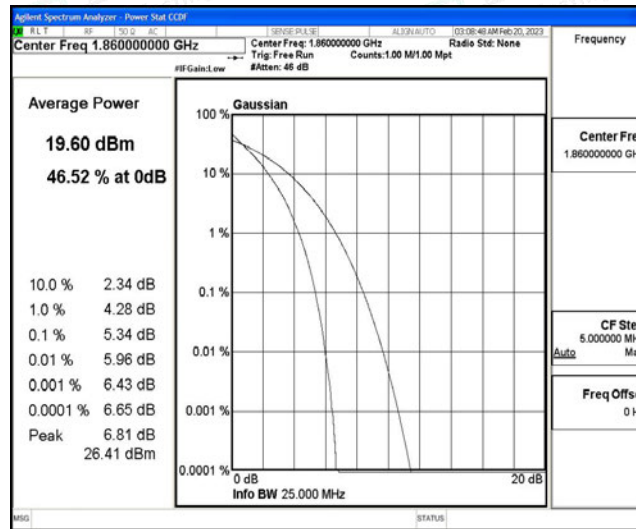


Band2-15MHz-16QAM-19125-75RB#0

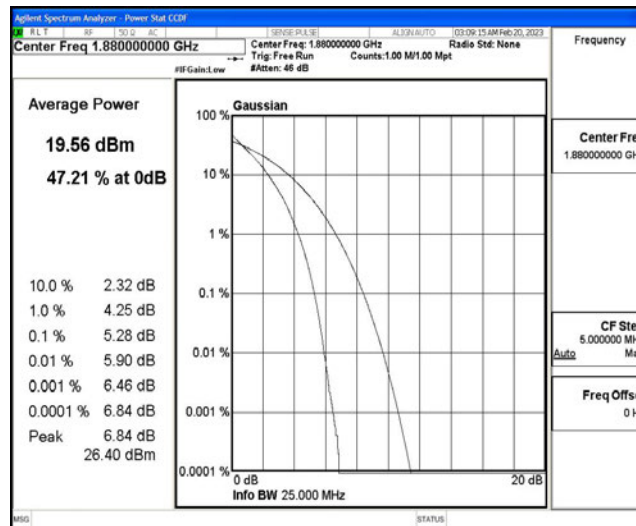




Band2-20MHz-QPSK-18700-100RB#0

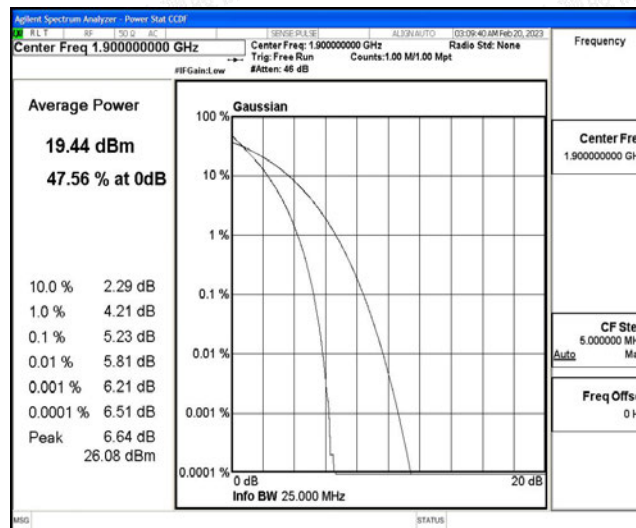


Band2-20MHz-QPSK-18900-100RB#0

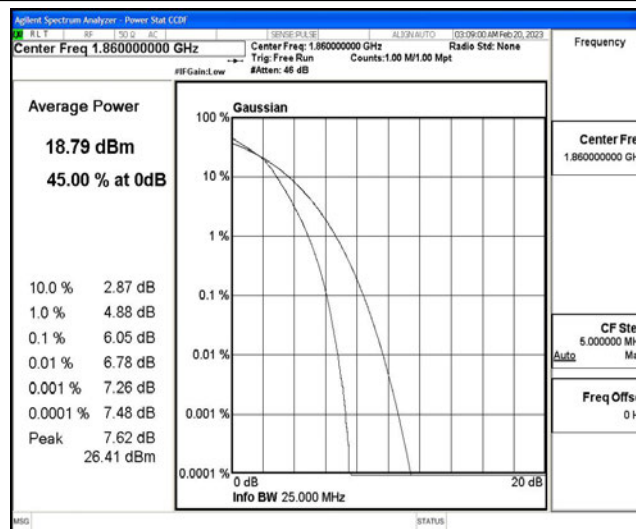


Band2-20MHz-QPSK-19100-100RB#0

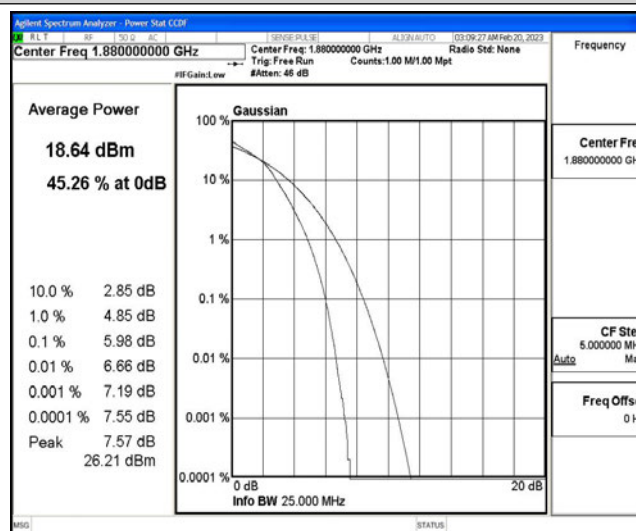




Band2-20MHz-16QAM-18700-100RB#0

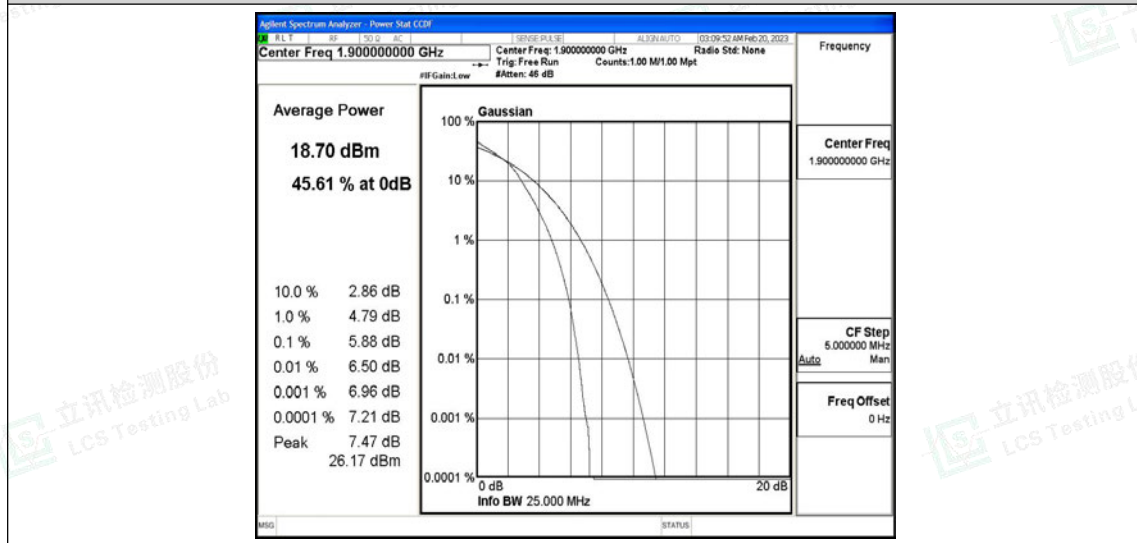


Band2-20MHz-16QAM-18900-100RB#0





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





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	1.0889	1.246	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0943	1.241	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0965	1.246	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1023	1.239	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1020	1.255	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0960	1.241	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7075	3.044	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7099	3.028	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7001	3.018	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7090	3.033	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7057	3.024	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7137	3.035	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5152	4.972	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5167	4.971	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4976	4.963	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5063	4.977	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5065	4.979	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5251	4.997	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0057	9.971	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9964	9.913	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9912	9.901	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0112	9.890	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9924	9.885	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0003	9.959	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.511	14.96	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.510	14.97	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.499	14.89	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.486	14.94	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.487	14.79	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.511	14.96	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.016	19.70	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.008	19.73	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.015	19.79	PASS





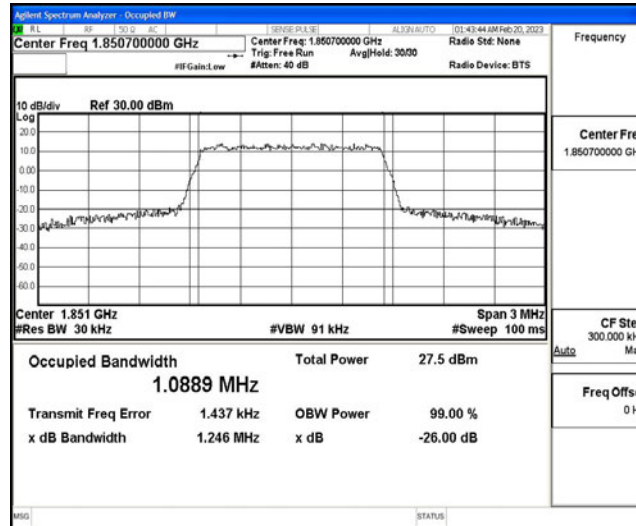
Band2	20MHz	16QAM	18700	100RB#0	18.029	19.79	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.064	19.76	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.970	19.70	PASS



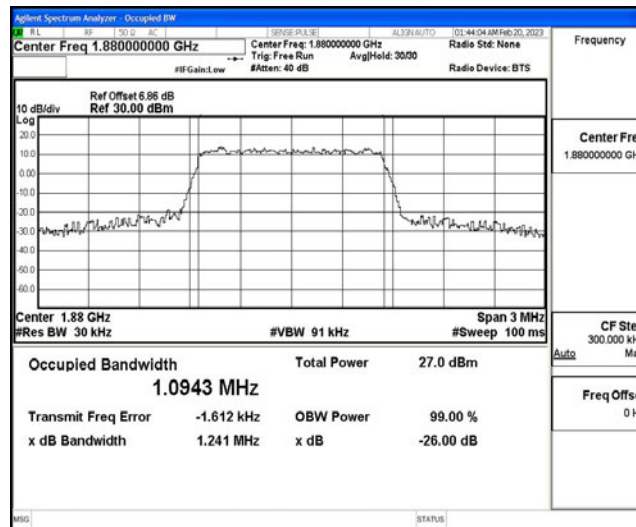


Test Graphs

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

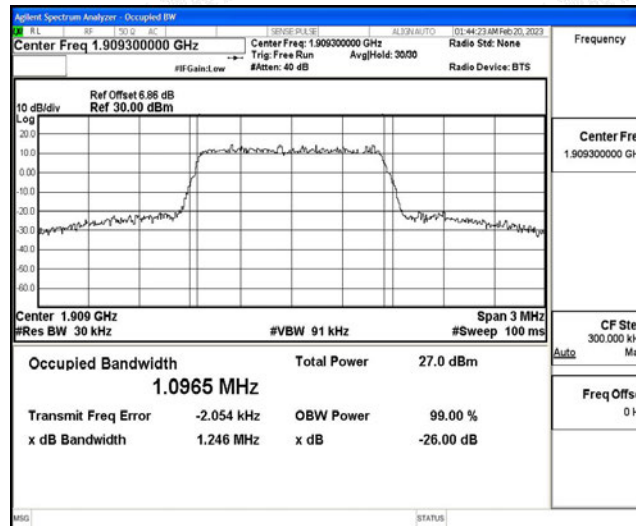


Band2-1.4MHz-QPSK-18900-6RB#0

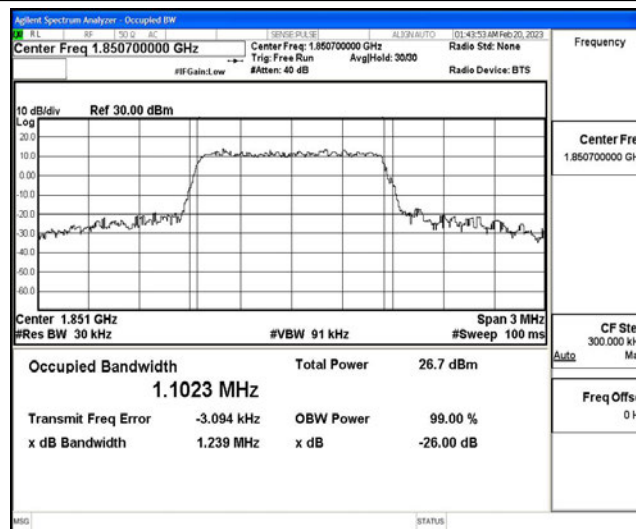


Band2-1.4MHz-QPSK-19193-6RB#0

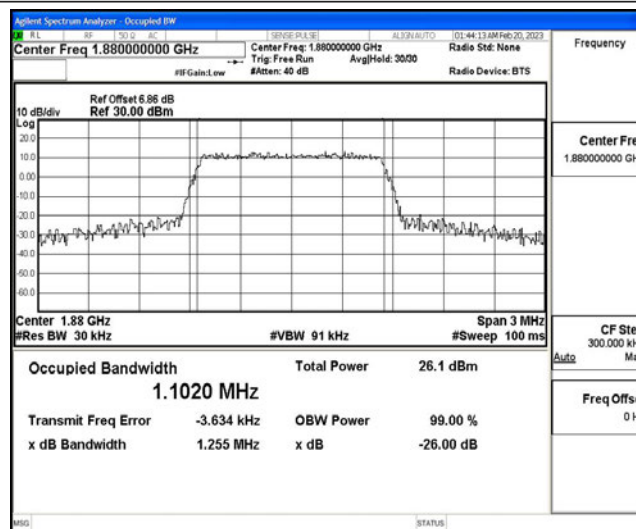




Band2-1.4MHz-16QAM-18607-6RB#0

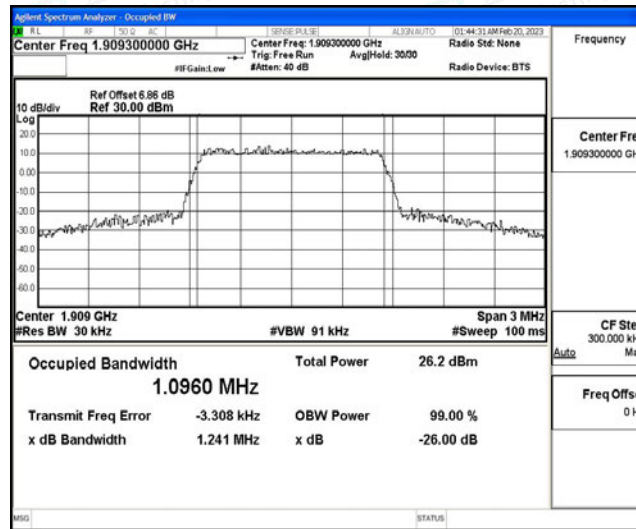


Band2-1.4MHz-16QAM-18900-6RB#0

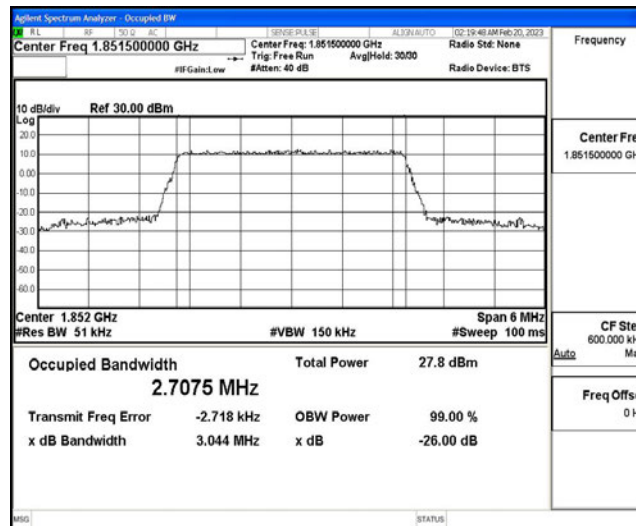




Band2-1.4MHz-16QAM-19193-6RB#0

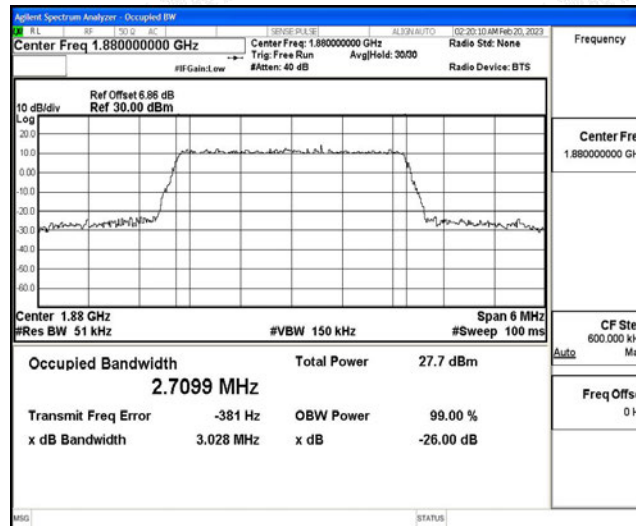


Band2-3MHz-QPSK-18615-15RB#0

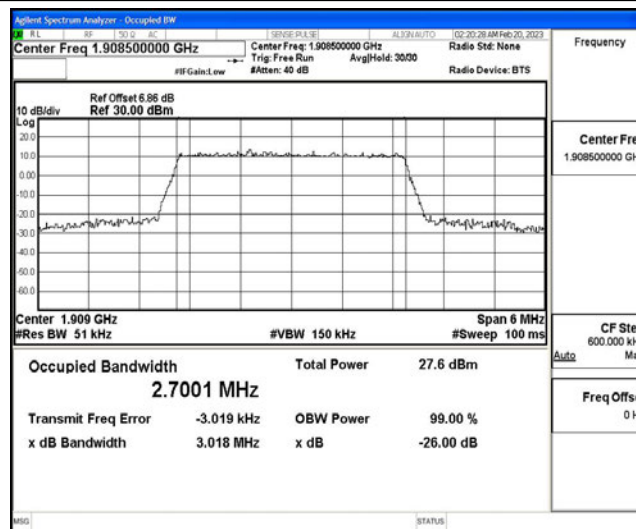


Band2-3MHz-QPSK-18900-15RB#0

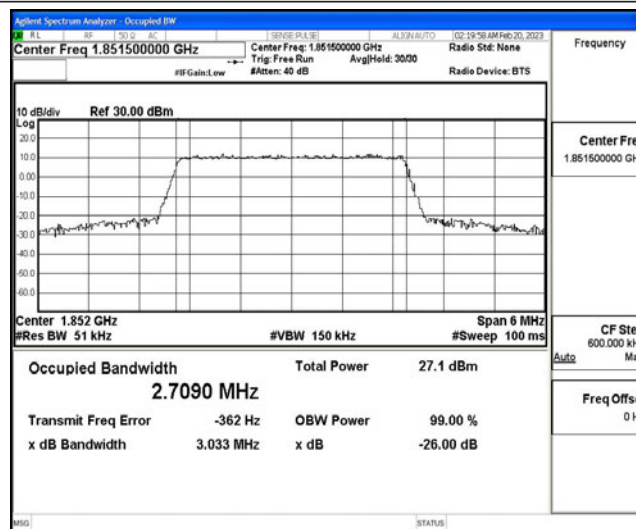




Band2-3MHz-QPSK-19185-15RB#0

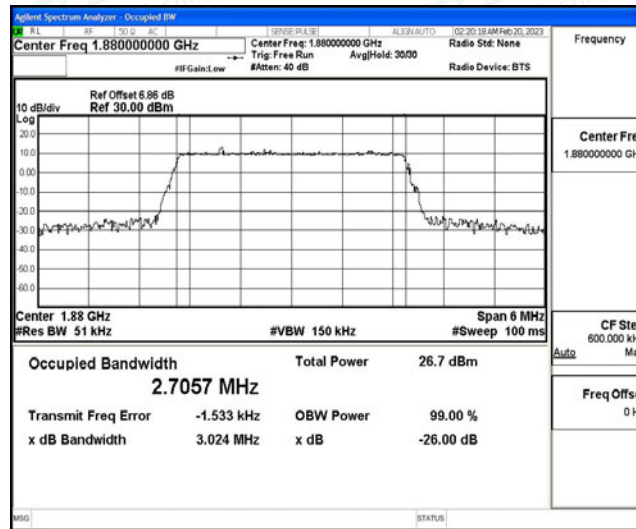


Band2-3MHz-16QAM-18615-15RB#0

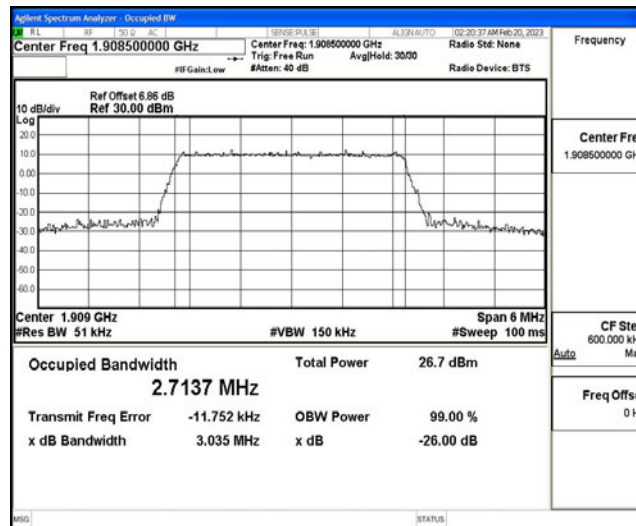




Band2-3MHz-16QAM-18900-15RB#0

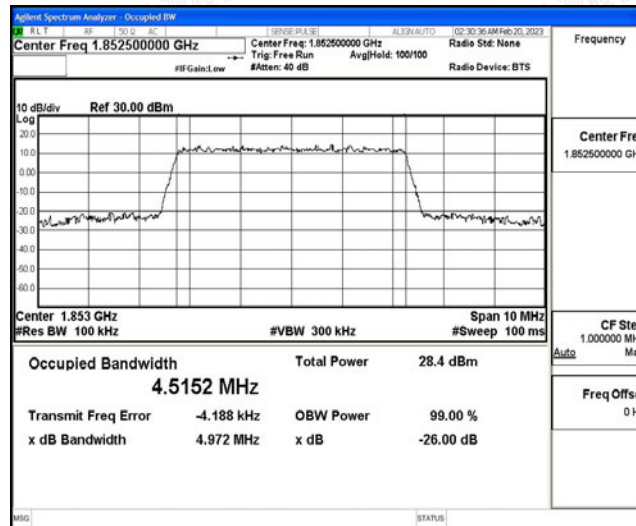


Band2-3MHz-16QAM-19185-15RB#0

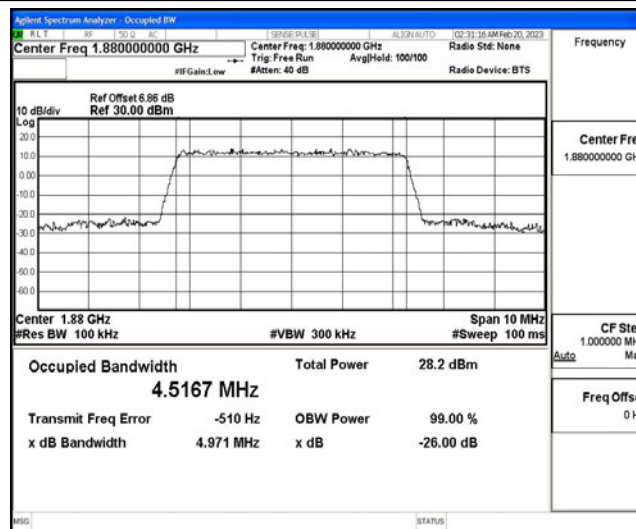


Band2-5MHz-QPSK-18625-25RB#0

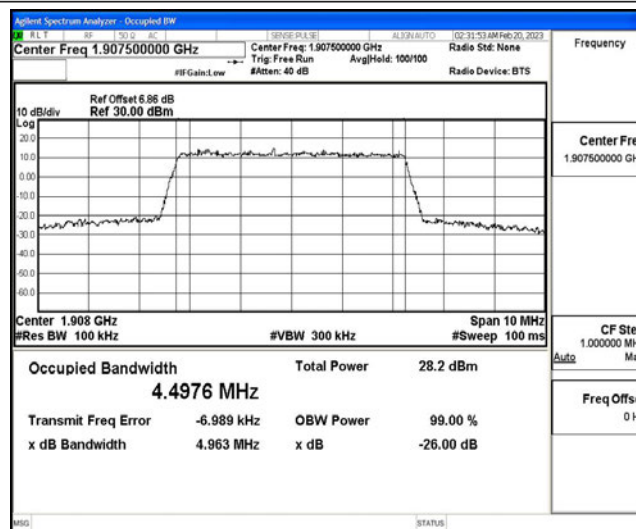




Band2-5MHz-QPSK-18900-25RB#0

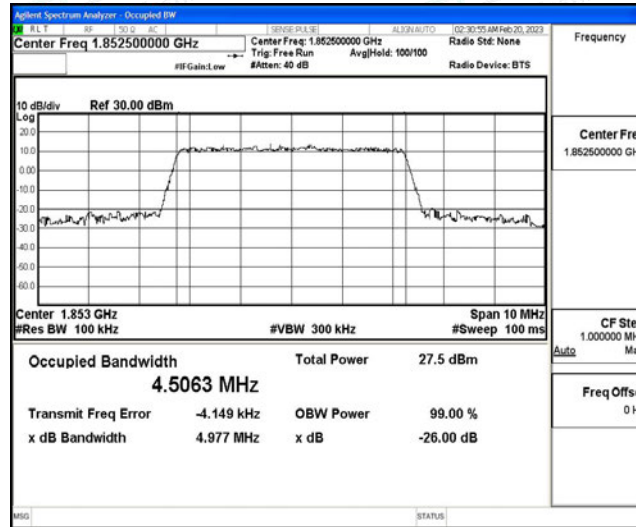


Band2-5MHz-QPSK-19175-25RB#0

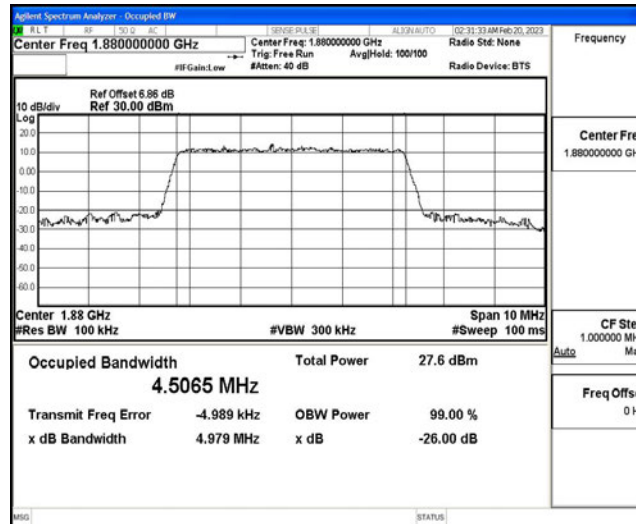




Band2-5MHz-16QAM-18625-25RB#0

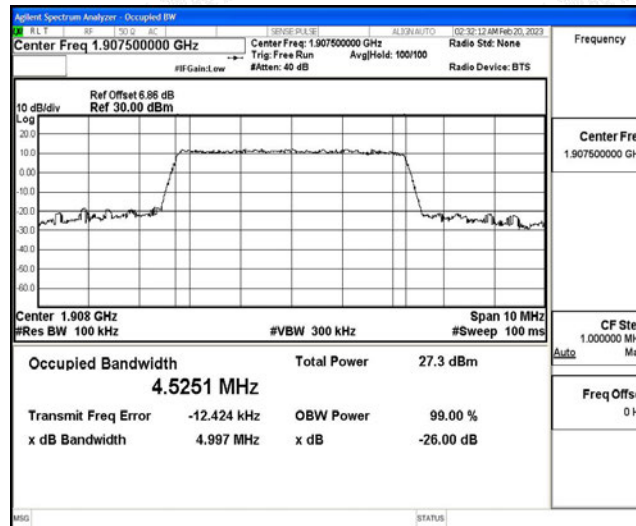


Band2-5MHz-16QAM-18900-25RB#0

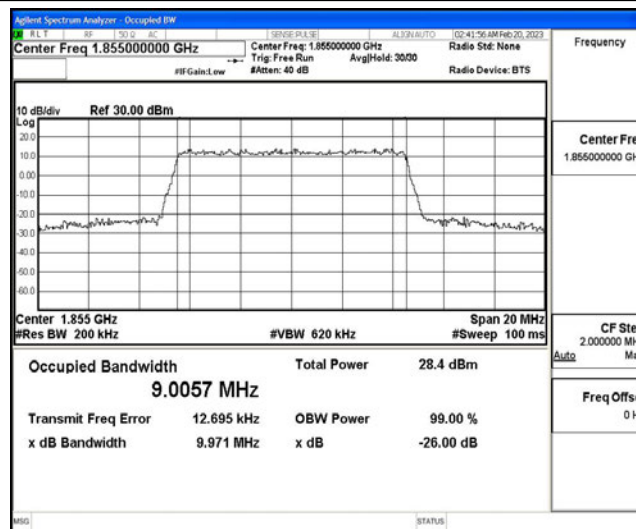


Band2-5MHz-16QAM-19175-25RB#0

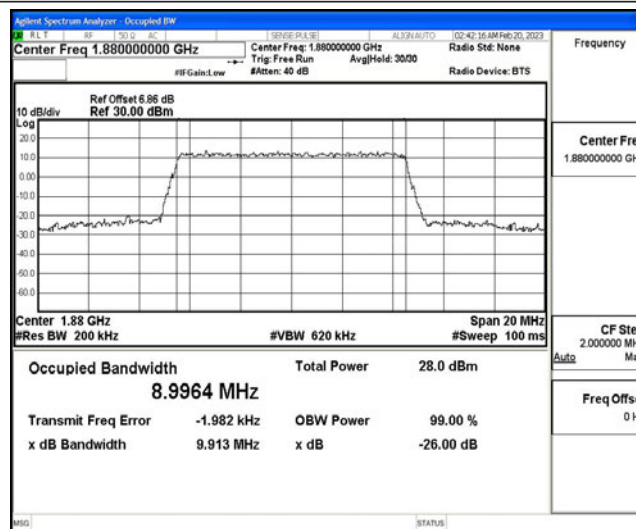




Band2-10MHz-QPSK-18650-50RB#0

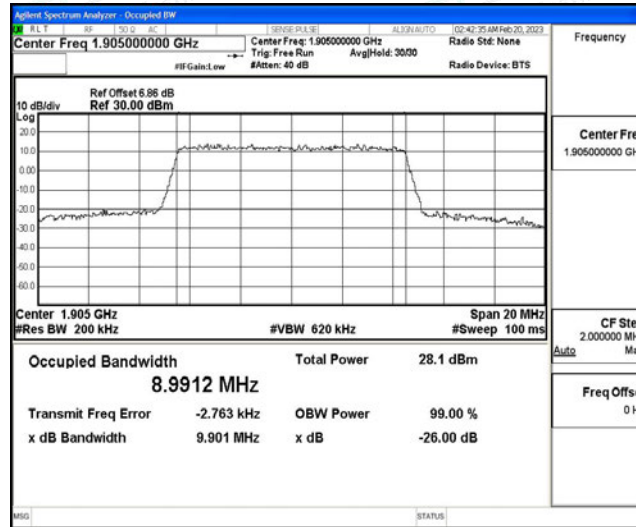


Band2-10MHz-QPSK-18900-50RB#0

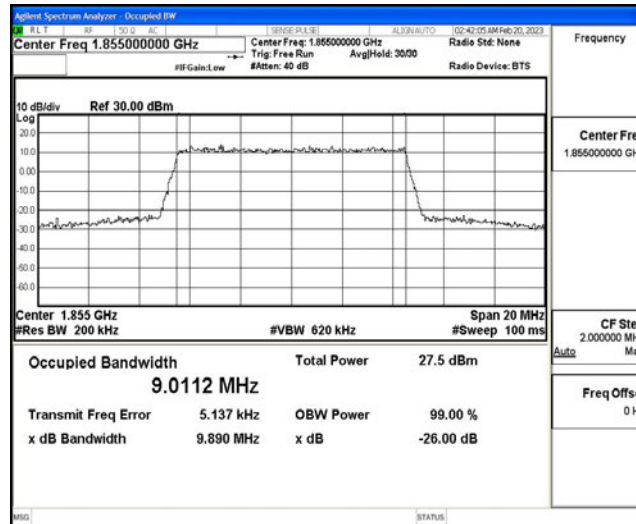




Band2-10MHz-QPSK-19150-50RB#0

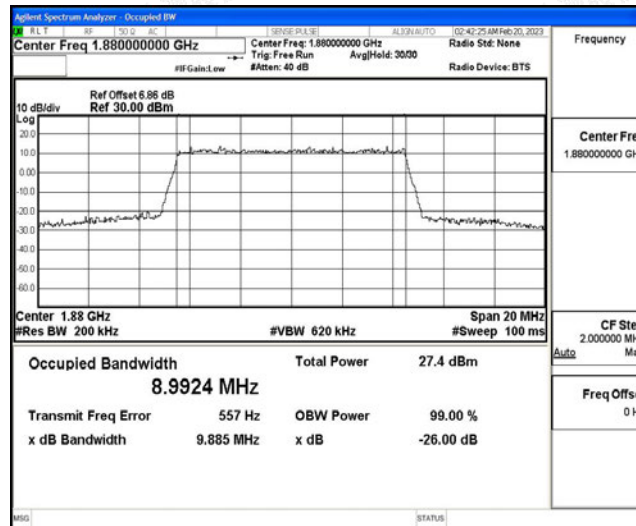


Band2-10MHz-16QAM-18650-50RB#0

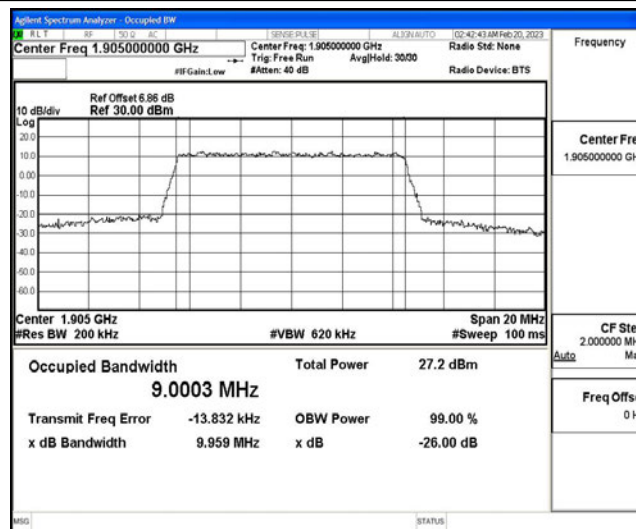


Band2-10MHz-16QAM-18900-50RB#0

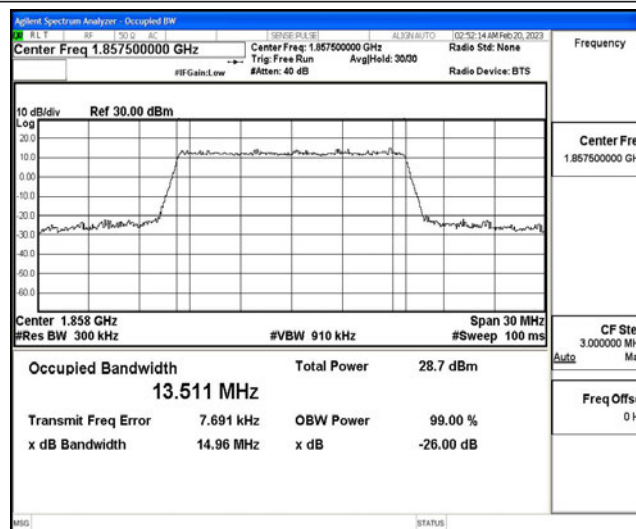




Band2-10MHz-16QAM-19150-50RB#0

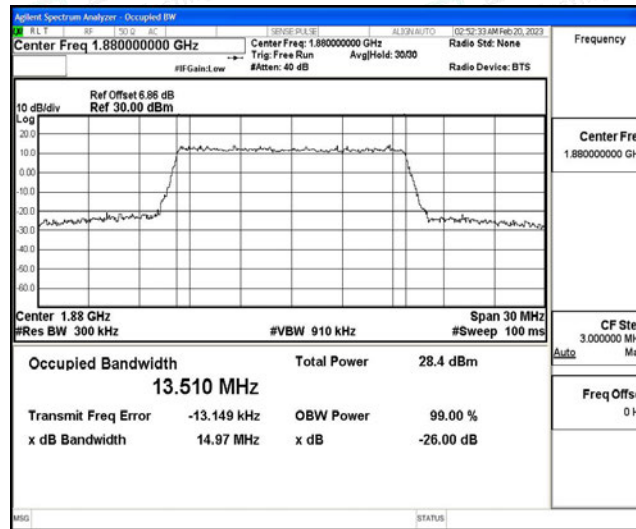


Band2-15MHz-QPSK-18675-75RB#0

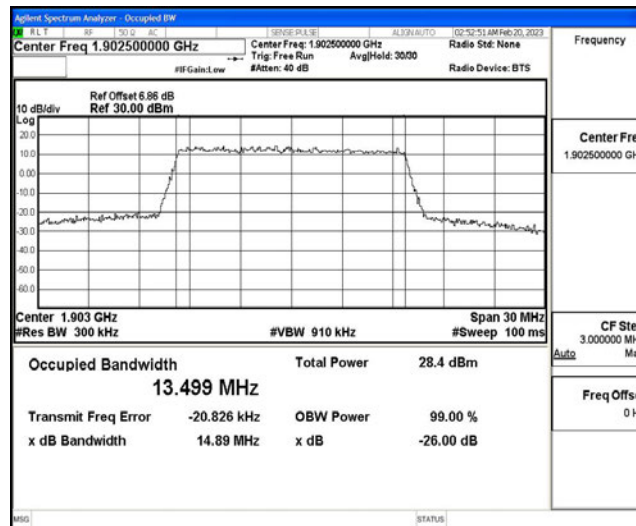




Band2-15MHz-QPSK-18900-75RB#0

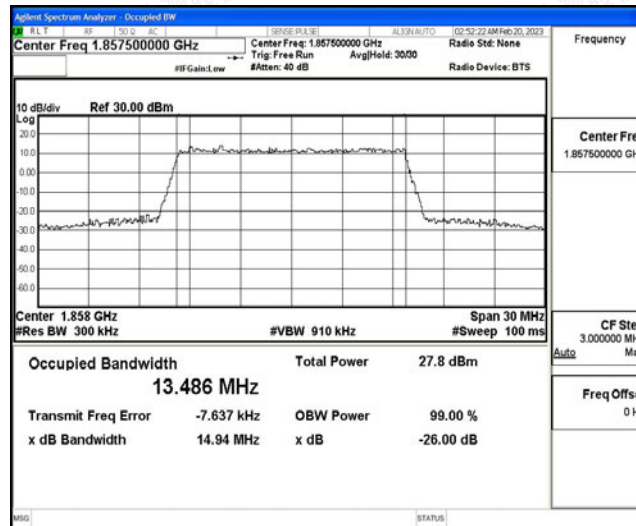


Band2-15MHz-QPSK-19125-75RB#0

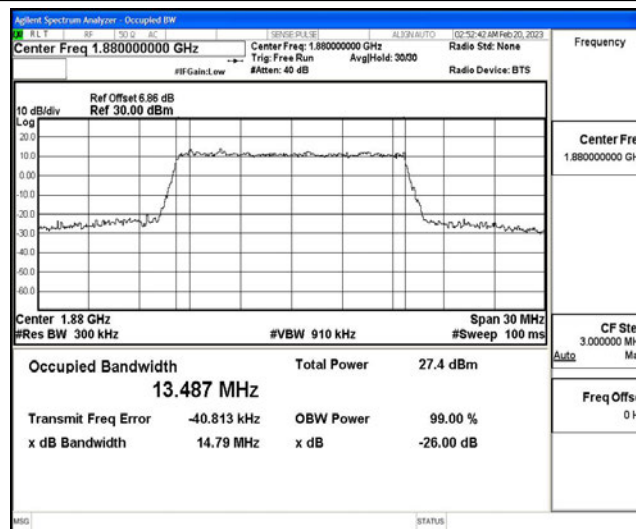


Band2-15MHz-16QAM-18675-75RB#0

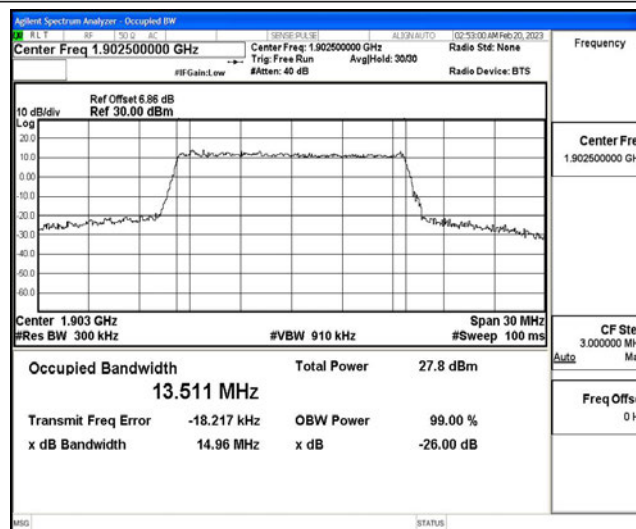




Band2-15MHz-16QAM-18900-75RB#0

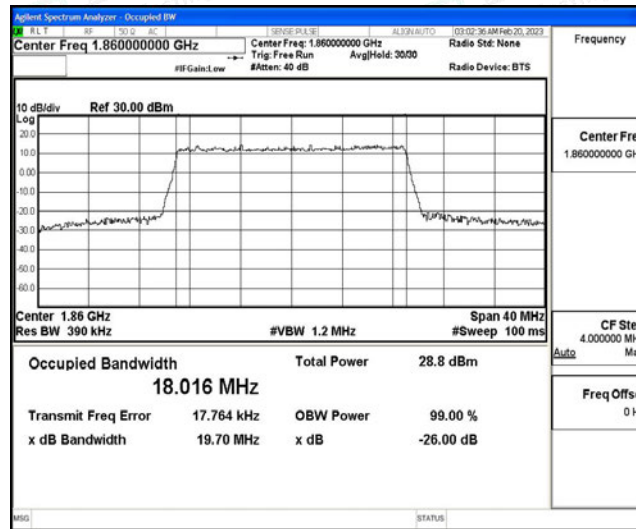


Band2-15MHz-16QAM-19125-75RB#0

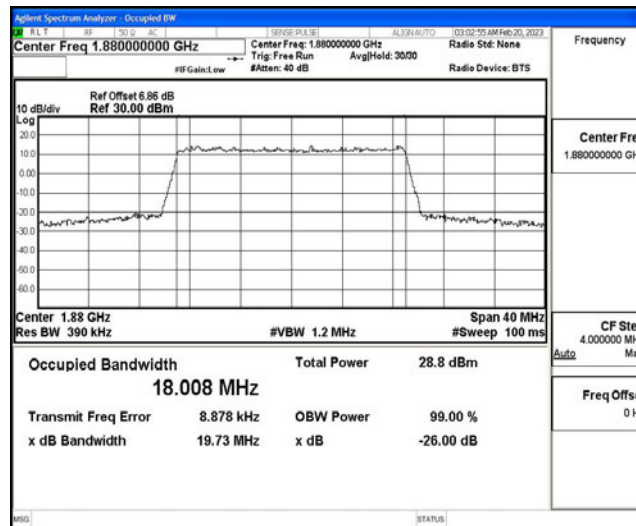




Band2-20MHz-QPSK-18700-100RB#0

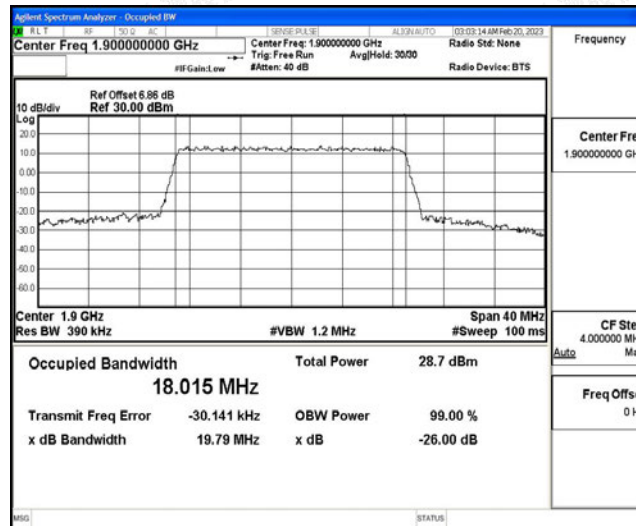


Band2-20MHz-QPSK-18900-100RB#0

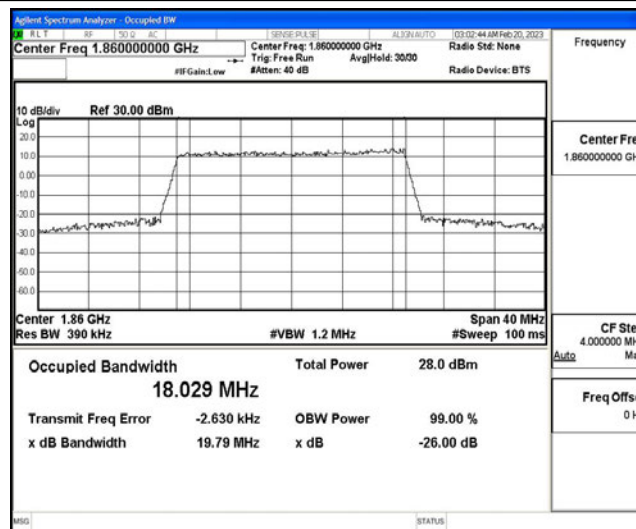


Band2-20MHz-QPSK-19100-100RB#0

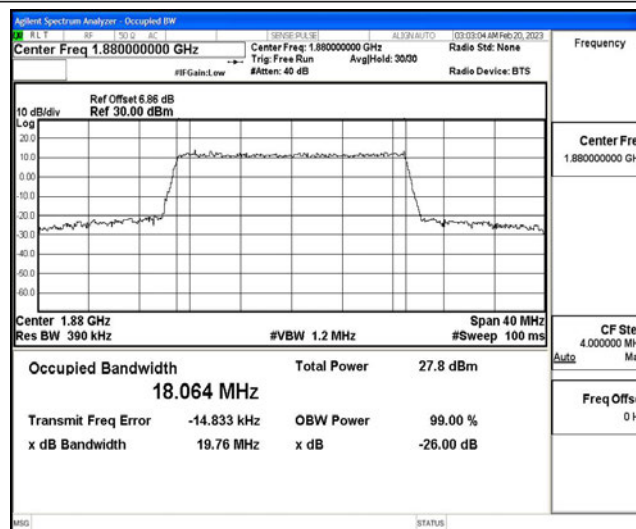




Band2-20MHz-16QAM-18700-100RB#0

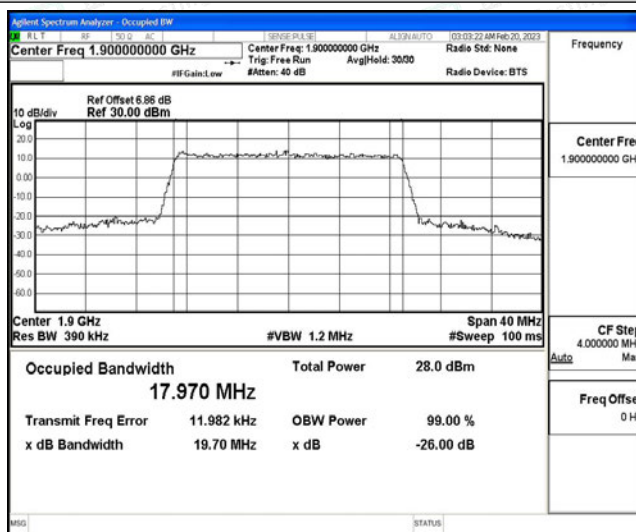


Band2-20MHz-16QAM-18900-100RB#0





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





D.4 Band Edge

Test Result

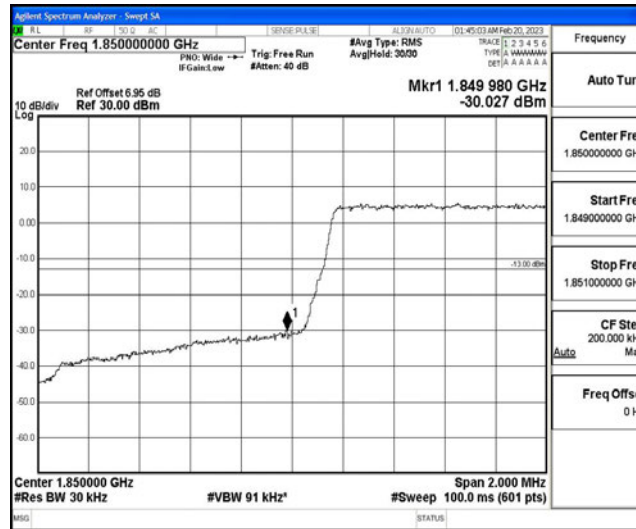
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-30.03	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-30.93	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-32.97	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-32.88	PASS
Band2	3MHz	QPSK	18615	15RB#0	-23.88	PASS
Band2	3MHz	QPSK	19185	15RB#0	-24.56	PASS
Band2	3MHz	16QAM	18615	15RB#0	-24.97	PASS
Band2	3MHz	16QAM	19185	15RB#0	-25.28	PASS
Band2	5MHz	QPSK	18625	25RB#0	-28.01	PASS
Band2	5MHz	QPSK	19175	25RB#0	-29.35	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.24	PASS
Band2	5MHz	16QAM	19175	25RB#0	-30.35	PASS
Band2	10MHz	QPSK	18650	50RB#0	-30.74	PASS
Band2	10MHz	QPSK	19150	50RB#0	-30.74	PASS
Band2	10MHz	16QAM	18650	50RB#0	-33.03	PASS
Band2	10MHz	16QAM	19150	50RB#0	-32.14	PASS
Band2	15MHz	QPSK	18675	75RB#0	-31.31	PASS
Band2	15MHz	QPSK	19125	75RB#0	-30.34	PASS
Band2	15MHz	16QAM	18675	75RB#0	-32.73	PASS
Band2	15MHz	16QAM	19125	75RB#0	-33.04	PASS
Band2	20MHz	QPSK	18700	100RB#0	-33.80	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.88	PASS
Band2	20MHz	16QAM	18700	100RB#0	-35.11	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.41	PASS



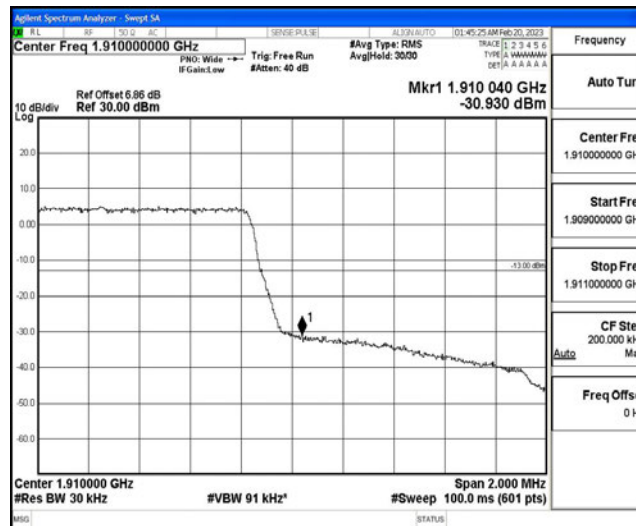


Test Graphs

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

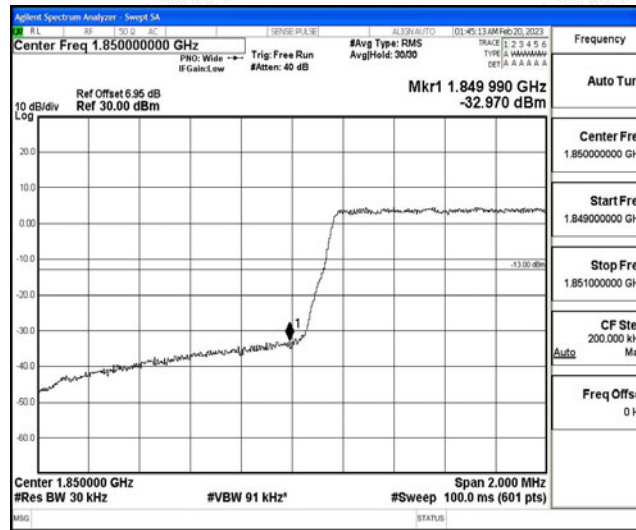


Band2-1.4MHz-QPSK-19193-6RB#0

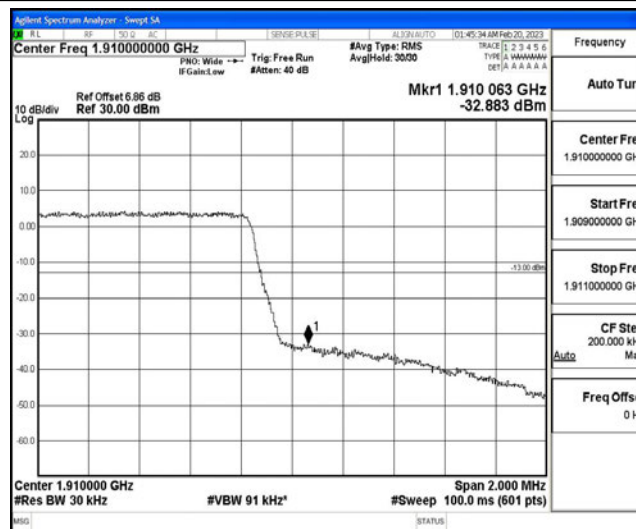


Band2-1.4MHz-16QAM-18607-6RB#0

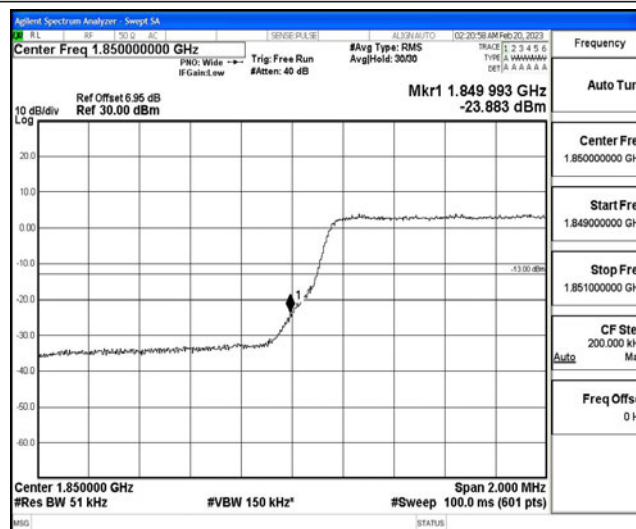




Band2-1.4MHz-16QAM-19193-6RB#0

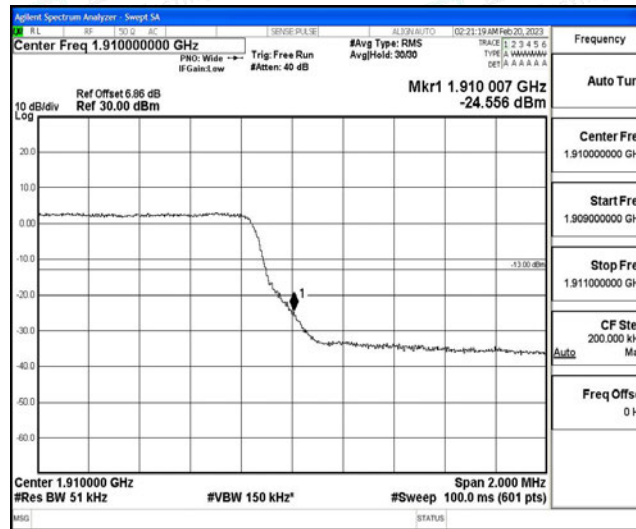


Band2-3MHz-QPSK-18615-15RB#0

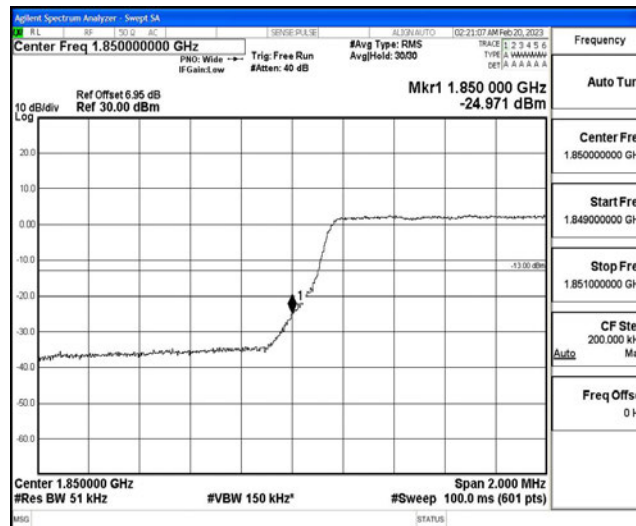




Band2-3MHz-QPSK-19185-15RB#0

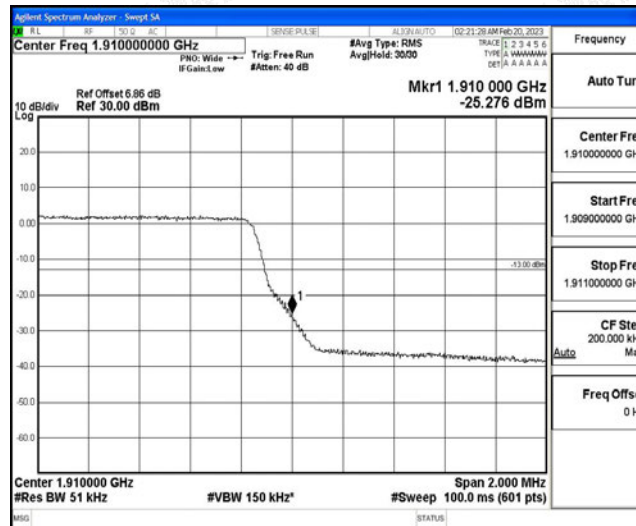


Band2-3MHz-16QAM-18615-15RB#0

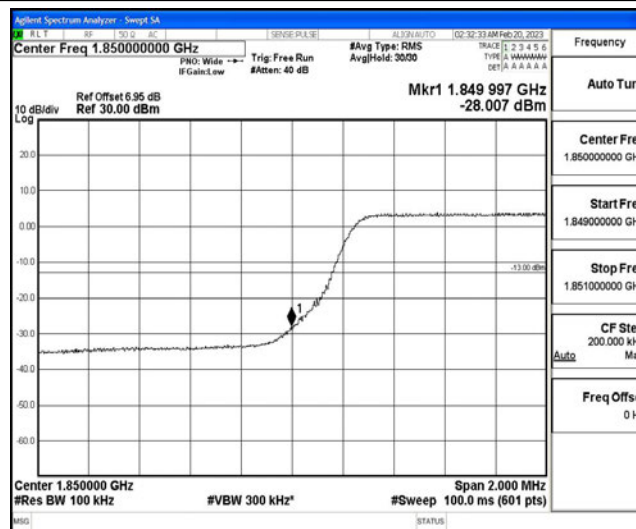


Band2-3MHz-16QAM-19185-15RB#0

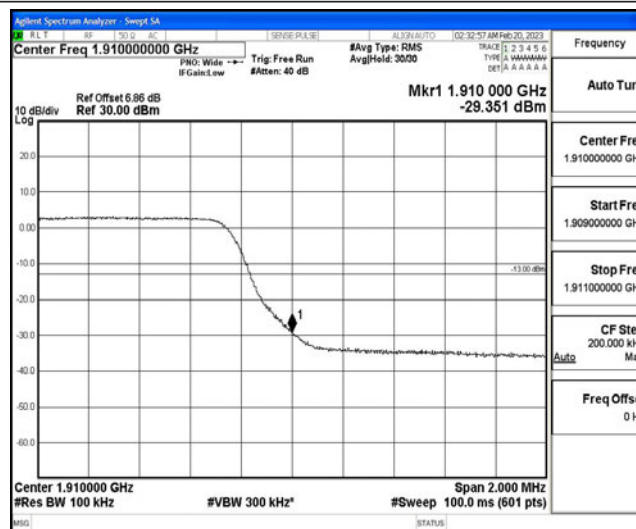




Band2-5MHz-QPSK-18625-25RB#0

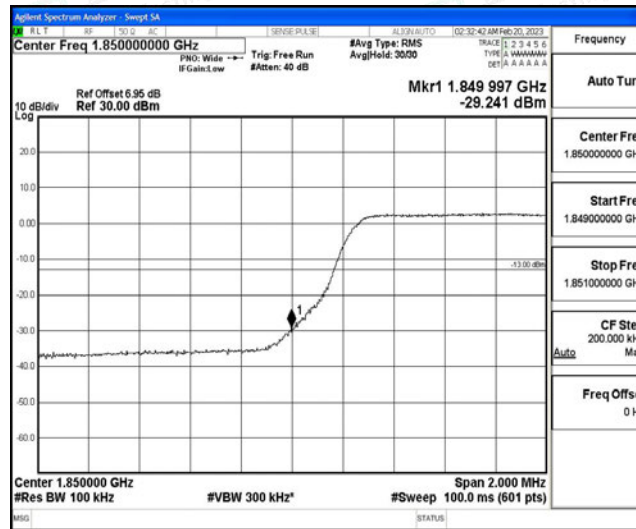


Band2-5MHz-QPSK-19175-25RB#0

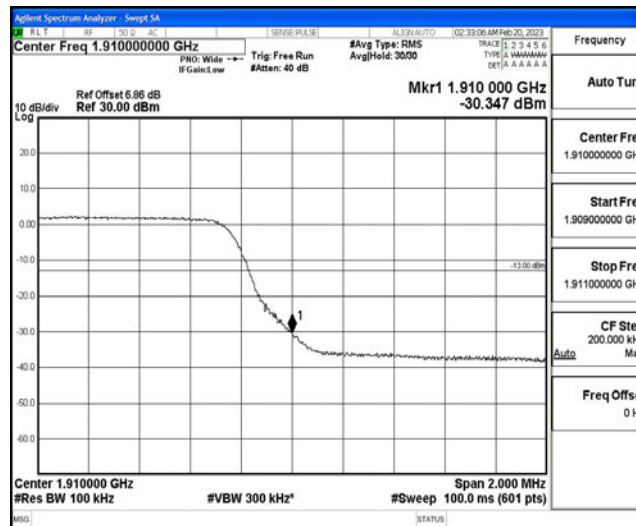




Band2-5MHz-16QAM-18625-25RB#0

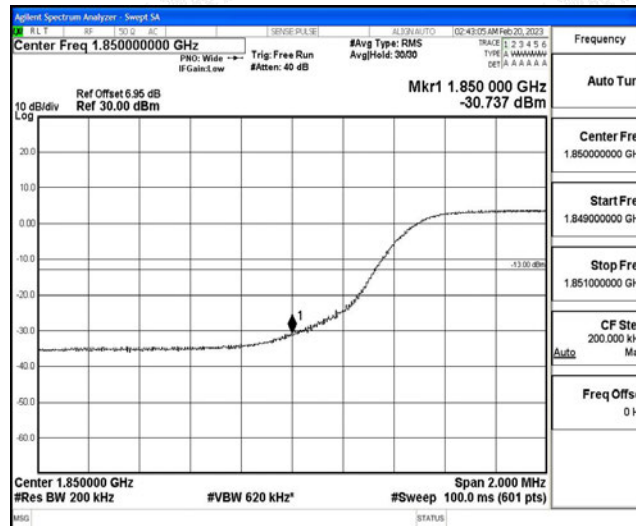


Band2-5MHz-16QAM-19175-25RB#0

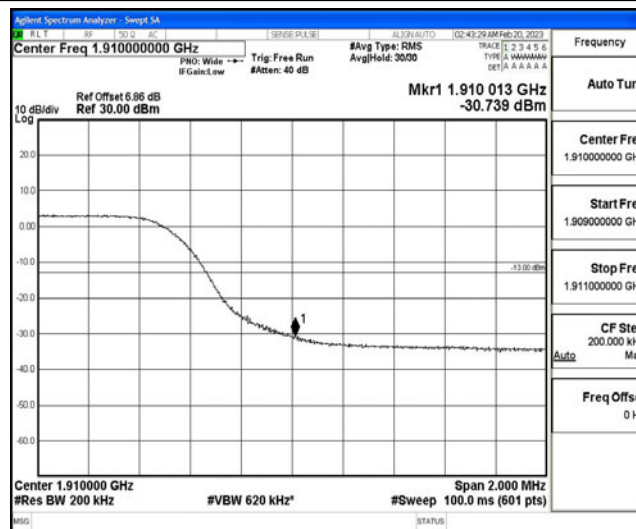


Band2-10MHz-QPSK-18650-50RB#0

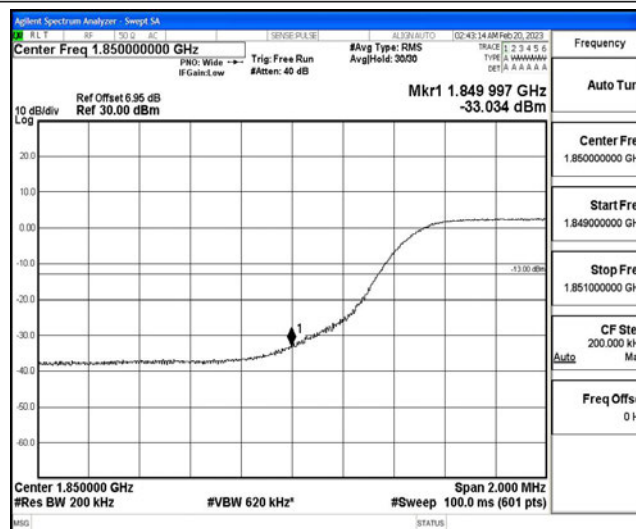




Band2-10MHz-QPSK-19150-50RB#0

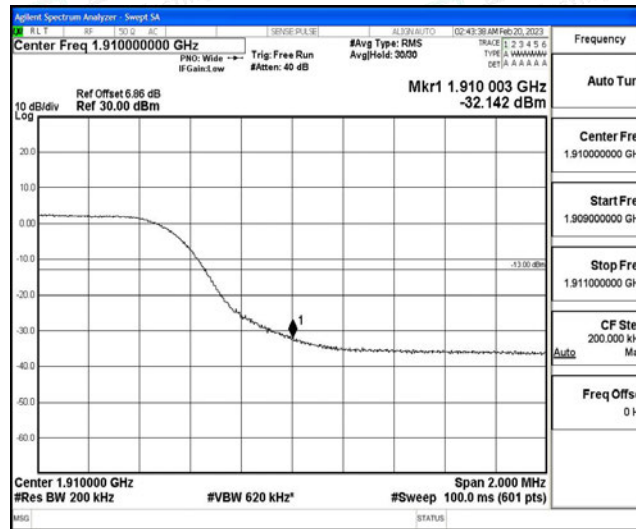


Band2-10MHz-16QAM-18650-50RB#0

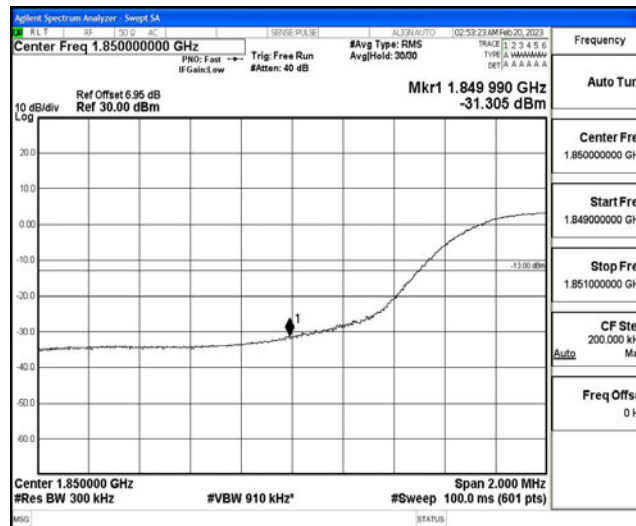




Band2-10MHz-16QAM-19150-50RB#0

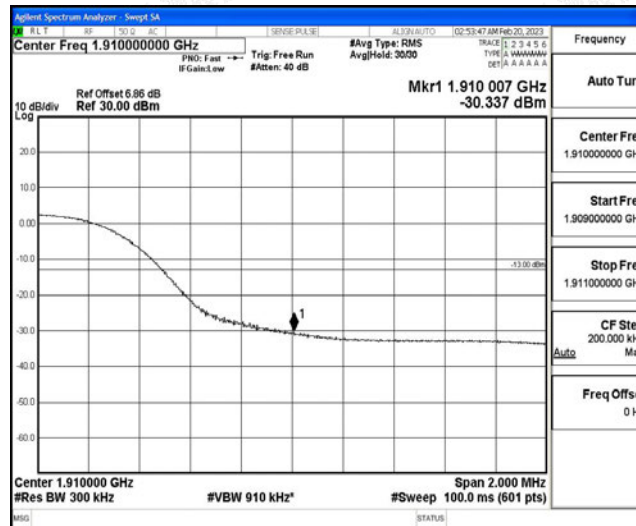


Band2-15MHz-QPSK-18675-75RB#0

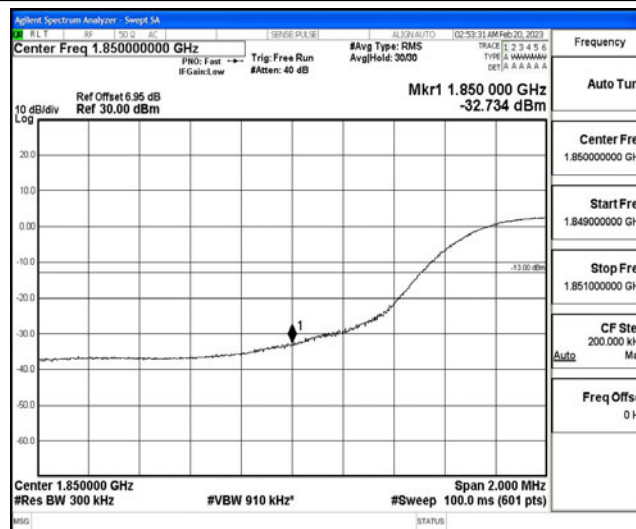


Band2-15MHz-QPSK-19125-75RB#0

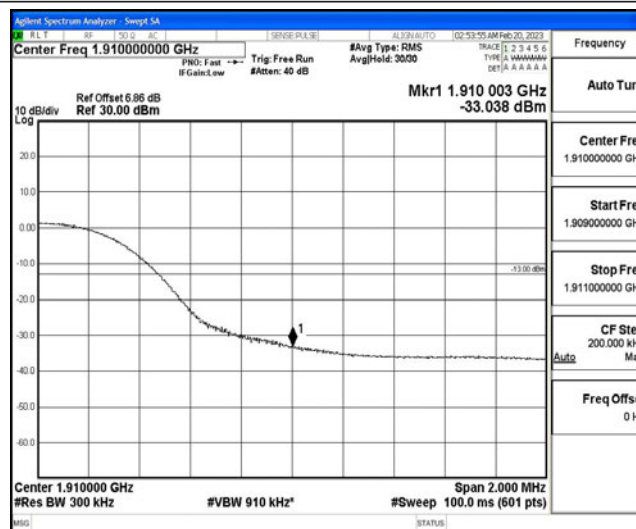




Band2-15MHz-16QAM-18675-75RB#0

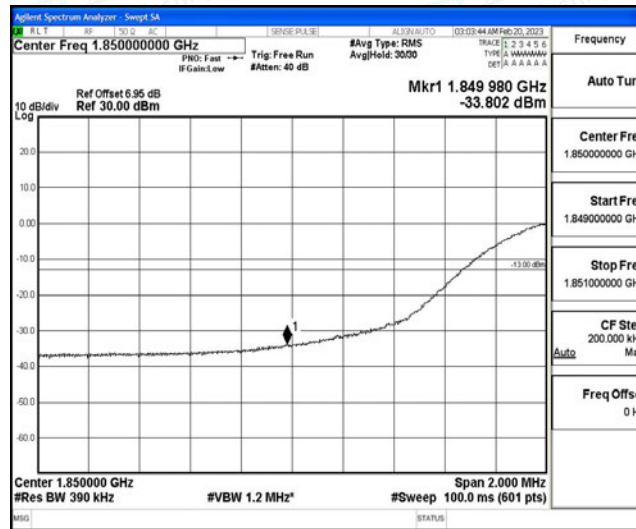


Band2-15MHz-16QAM-19125-75RB#0

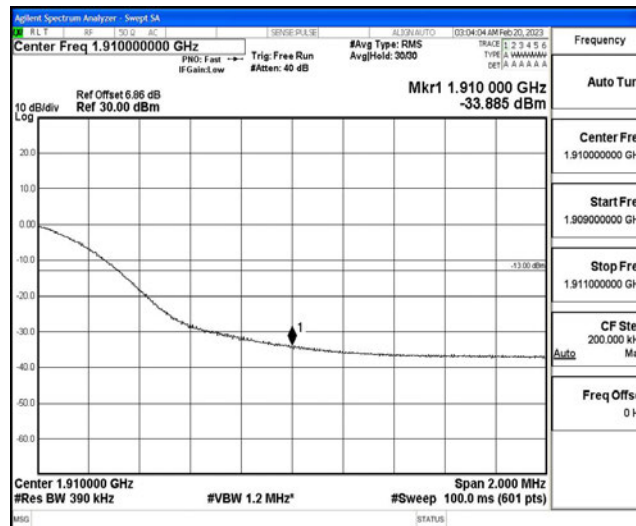




Band2-20MHz-QPSK-18700-100RB#0

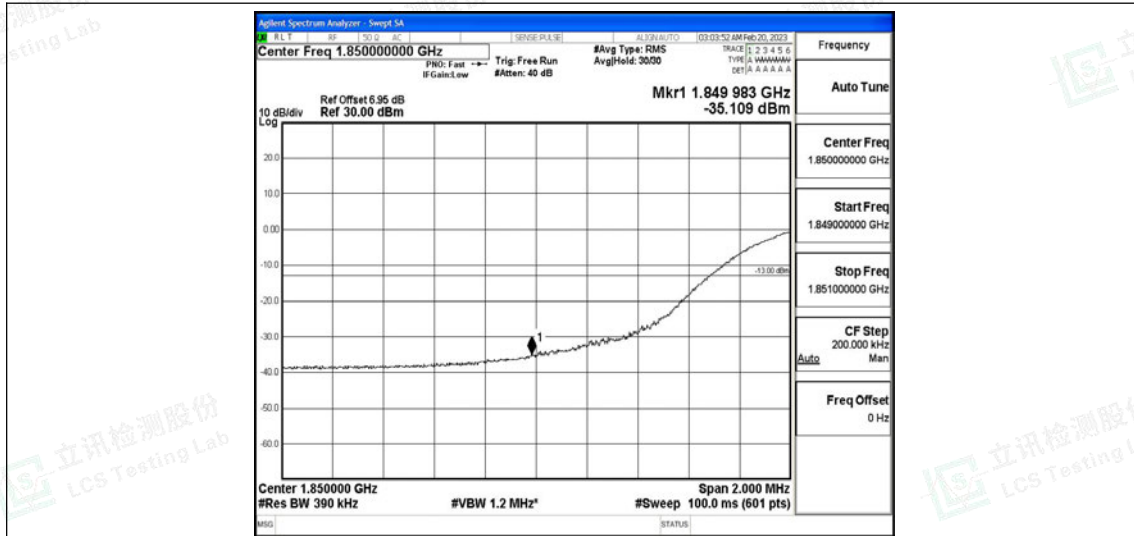


Band2-20MHz-QPSK-19100-100RB#0

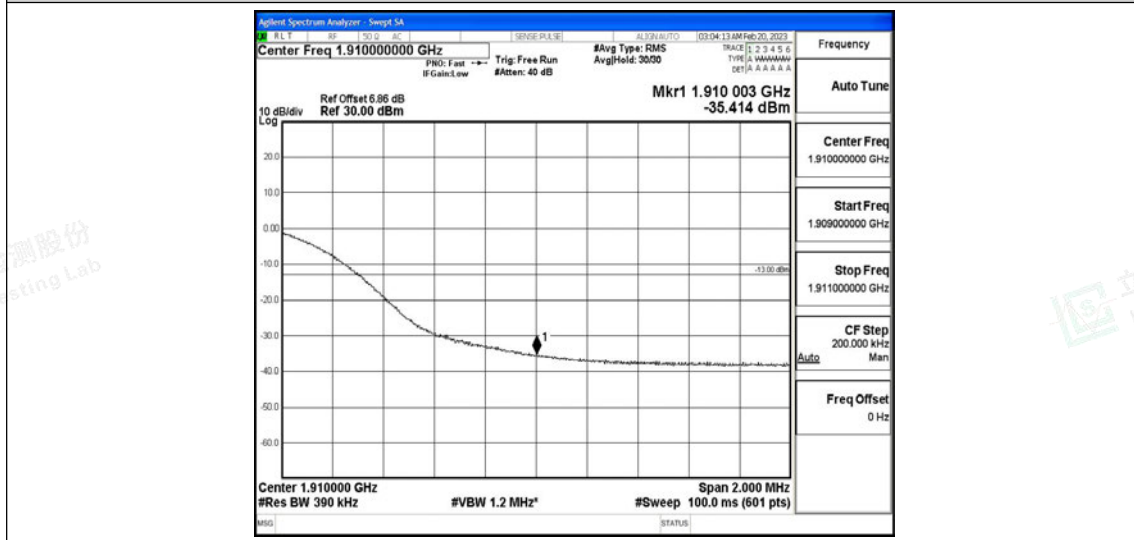


Band2-20MHz-16QAM-18700-100RB#0





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





D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:0.009~0.15MHz	-55.89	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:0.15~30MHz	-51.23	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range3:30~1000MHz	-41.87	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range5:10000~20000MHz	-32.93	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-55.84	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-50.63	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-41.05	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range5:10000~20000MHz	-32.96	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:0.009~0.15MHz	-55.89	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range3:30~1000MHz	-41.71	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range4:1000~10000MHz	-43.33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range5:10000~20000MHz	-32.94	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:0.009~0.15MHz	-56.51	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:0.15~30MHz	-50.13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range3:30~1000MHz	-42.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range5:10000~20000MHz	-32.88	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-56.48	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-50.62	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-42.16	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range5:10000~20000MHz	-32.81	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:0.009~0.15MHz	-55.12	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:0.15~30MHz	-51.18	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range3:30~1000MHz	-42.09	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range4:1000~10000MHz	-43.97	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range5:10000~20000MHz	-32.85	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:0.009~0.15MHz	-54.05	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:0.15~30MHz	-48.77	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range3:30~1000MHz	-41.44	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range4:1000~10000MHz	-45	PASS





Band2	3MHz	QPSK	18615	1RB#0	Range5:10000~20000MHz	-32.83	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-54.48	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-50.82	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-41.94	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range5:10000~20000MHz	-32.99	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:0.009~0.15MHz	-55.05	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:0.15~30MHz	-50.28	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range3:30~1000MHz	-41.18	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range4:1000~10000MHz	-43.86	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range5:10000~20000MHz	-32.9	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:0.009~0.15MHz	-54.63	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:0.15~30MHz	-51	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range3:30~1000MHz	-42.13	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range5:10000~20000MHz	-32.99	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-40.9	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range5:10000~20000MHz	-32.97	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:0.009~0.15MHz	-56.71	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range2:0.15~30MHz	-50.93	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range3:30~1000MHz	-42.56	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range4:1000~10000MHz	-44.33	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range5:10000~20000MHz	-32.81	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:0.009~0.15MHz	-53.99	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:0.15~30MHz	-51.31	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range3:30~1000MHz	-41.52	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range5:10000~20000MHz	-32.8	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-53.45	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-50.76	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-42	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range5:10000~20000MHz	-32.91	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:0.009~0.15MHz	-54.37	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:0.15~30MHz	-51.46	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range3:30~1000MHz	-41.75	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range4:1000~10000MHz	-43.65	PASS





Band2	5MHz	QPSK	19175	1RB#0	Range5:10000~20000MHz	-32.97	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range1:0.009~0.15MHz	-56.18	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:0.15~30MHz	-51.47	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range5:10000~20000MHz	-32.92	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-55.99	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-51.03	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-41.17	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range5:10000~20000MHz	-32.9	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:0.009~0.15MHz	-55.71	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range2:0.15~30MHz	-50.53	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range3:30~1000MHz	-41.19	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range4:1000~10000MHz	-43.89	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range5:10000~20000MHz	-32.89	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range1:0.009~0.15MHz	-56.56	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:0.15~30MHz	-52.95	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range3:30~1000MHz	-41.53	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range5:10000~20000MHz	-32.83	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-55.58	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-51.05	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-42.43	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range4:1000~10000MHz	-44.59	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range5:10000~20000MHz	-32.93	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:0.009~0.15MHz	-56.52	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:0.15~30MHz	-51.25	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range4:1000~10000MHz	-44.36	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range5:10000~20000MHz	-32.88	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range1:0.009~0.15MHz	-55.45	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range3:30~1000MHz	-42.57	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range4:1000~10000MHz	-44.75	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range5:10000~20000MHz	-32.9	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-54.77	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-49.83	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-42.2	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range4:1000~10000MHz	-44.7	PASS



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	10MHz	16QAM	18900	1RB#0	Range5:10000~20000MHz	-32.75	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range1:0.009~0.15MHz	-54.81	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range2:0.15~30MHz	-50.21	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range3:30~1000MHz	-41.76	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range4:1000~10000MHz	-44.62	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range5:10000~20000MHz	-32.93	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range1:0.009~0.15MHz	-55.78	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:0.15~30MHz	-48.92	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range3:30~1000MHz	-42.33	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range5:10000~20000MHz	-32.91	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-54.87	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-49.8	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range5:10000~20000MHz	-33.04	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:0.009~0.15MHz	-55.61	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range2:0.15~30MHz	-50.27	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range3:30~1000MHz	-42.38	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range4:1000~10000MHz	-44.07	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range5:10000~20000MHz	-33	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range1:0.009~0.15MHz	-55.27	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range2:0.15~30MHz	-48.59	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range3:30~1000MHz	-39.74	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range5:10000~20000MHz	-32.86	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-55.78	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-41.83	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range5:10000~20000MHz	-32.88	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range1:0.009~0.15MHz	-55.97	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range2:0.15~30MHz	-50.41	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range3:30~1000MHz	-41.86	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range5:10000~20000MHz	-33.05	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:0.009~0.15MHz	-55.64	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:0.15~30MHz	-51.84	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:30~1000MHz	-42.81	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range4:1000~10000MHz	-44.77	PASS



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



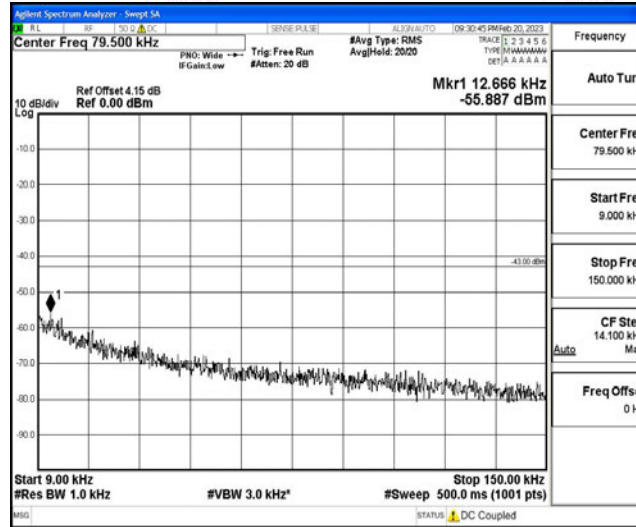
Band2	20MHz	QPSK	18700	1RB#0	Range5:10000~20000MHz	-33	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-55.26	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-51.45	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-41.44	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range5:10000~20000MHz	-33.02	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:0.009~0.15MHz	-55.39	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:0.15~30MHz	-50.59	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:30~1000MHz	-41.8	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range4:1000~10000MHz	-44.19	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range5:10000~20000MHz	-33	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:0.009~0.15MHz	-54.9	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:0.15~30MHz	-51.31	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:30~1000MHz	-42.3	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range5:10000~20000MHz	-33.02	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-55.34	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-50.63	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-41.7	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range5:10000~20000MHz	-33.1	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:0.009~0.15MHz	-54.27	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:0.15~30MHz	-51.37	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:30~1000MHz	-41.69	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range4:1000~10000MHz	-44.12	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range5:10000~20000MHz	-33.01	PASS

Test Graphs

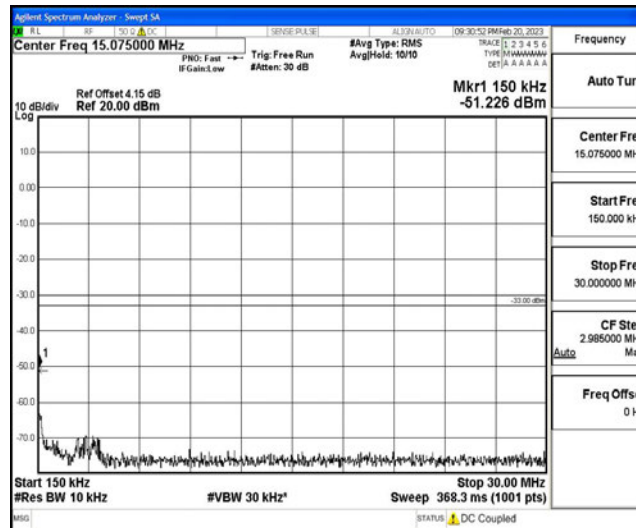
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:0.009~0.15MHz



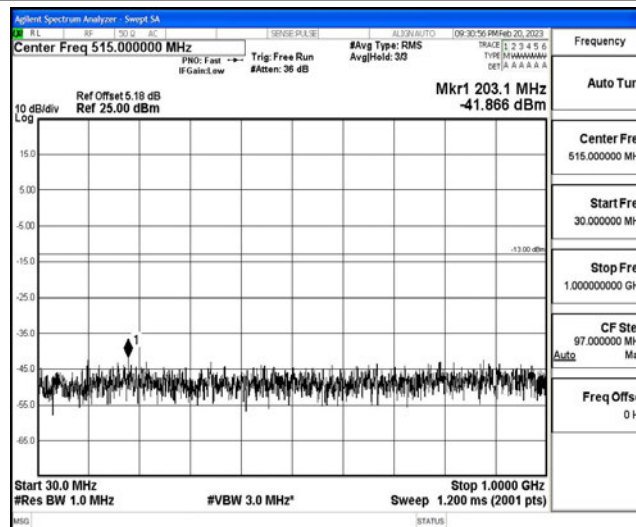
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band2-1.4MHz-QPSK-18607-1RB#0-Range2:0.15~30MHz



Band2-1.4MHz-QPSK-18607-1RB#0-Range3:30~1000MHz





Agilent Spectrum Analyzer - Swept SA

Center Freq 5.500000000 GHz

Ref Offset 6.36 dB
Ref 25.00 dBm

10 dB/div
Log

Mkr2 9.644 95 GHz
-45.054 dBm

Start 1.000 GHz
#Res BW 1.0 MHz

#VBW 3.0 MHz*

Stop 10.000 GHz
#Sweep 5.000 s (20001 pts)

Frequency

Auto Tun

Center Freq

5.500000000 GHz

Start Freq

1.000000000 GHz

Stop Freq

10.000000000 GHz

CF Stop

900.000000 MHz

Auto

Ma

Freq Offset

0 Hz

Agilent Spectrum Analyzer - Swept SA

Center Freq 15.000000000 GHz

Ref Offset 10.86 dB
Ref 25.00 dBm

Mkr1 19.867 5 GHz
-32.931 dBm

Start 10.000 GHz
#Res BW 1.0 MHz

Stop 20.000 GHz
#Sweep 5.000 s (20001 pts)

10 dB/div
Log

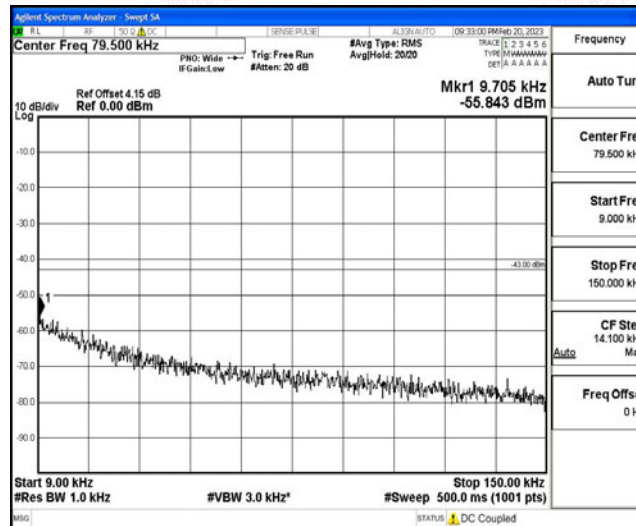
15.00
5.00
-5.00
-15.00
-25.00
-35.00
-45.00
-55.00
-65.00

10.000 GHz 15.000 GHz 20.000 GHz

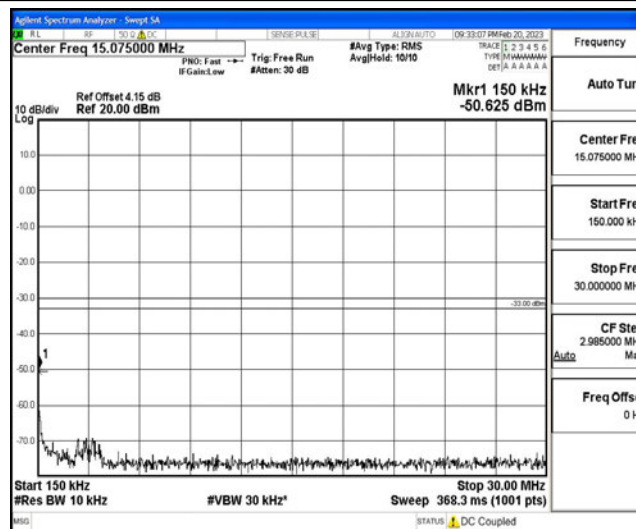
Start Freq 15.000000000 GHz
Stop Freq 20.000000000 GHz
CF Step 1.000000000 GHz
Auto Ma

Freq Offset 0 Hz

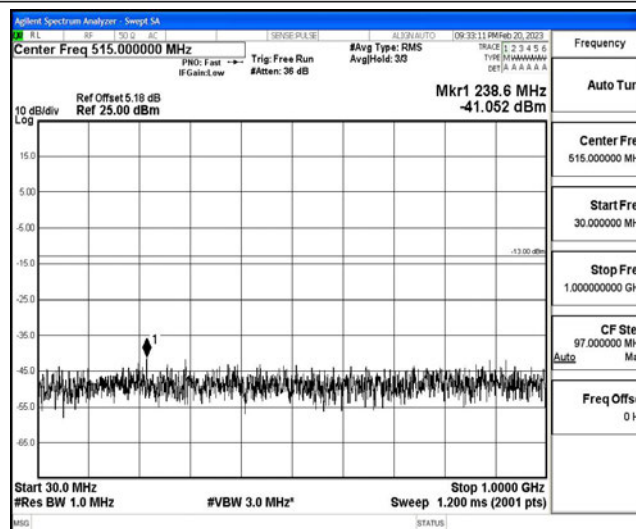
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen,
518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band2-1.4MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz



Band2-1.4MHz-QPSK-18900-1RB#0-Range3:30~1000MHz





Agilent Spectrum Analyzer - Swept SA

RF 5.50000000 GHz SENSE PLANE ALTERNATE

Center Freq 5.50000000 GHz

SWP Span 10.00000000 GHz

RF Offset 6.36 dB

Ref 25.00 dBm

PKG: Fast Trig: Free Run

IF Gain: Low Atten: 36 dB

Avg Type: RMS

Avg/Hold: 30

Trace 1 of 2 3.5 GHz

Type: MAMAMAM

DETA AAAAA

Frequency

Auto Tun

Center Freq 5.50000000 GHz

Start Freq 1.00000000 GHz

Stop Freq 10.00000000 GHz

CF Stop 900.000000 MHz

Auto Ma

Freq Offset 0 Hz

Start 1.000 GHz

Res BW 1.0 MHz

#VBW 3.0 MHz*

#Sweep 5.000 s (20001 pts)

Stop 10.000 GHz

MSO STATUS

Agilent Spectrum Analyzer - Sweep SA

RL RF 100 GHz AC SENSE PLANE ALP FBUTO 09 Feb 20, 2017

Center Freq 15.000000000 GHz

Ref Offset 10.86 dB
Ref 25.00 dBm

Plot Fast → IF Gain Low Trig: Free Run #Att: 36 dB

#Avg Type: RMS
Avg/Hold: 30

Trace [1 2 3 4 5 6
TYPE: PARAMETER
DATA: A A A A A

Frequency

Auto Tun

Mkr1 19.839 5 GHz
-32.955 dBm

10 dB/div
Log

15.0
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0

10.000 GHz 20.000 GHz

Start 10.000 GHz
#Res BW 1.0 MHz

#VBW 3.0 MHz

Stop 20.000 GHz
#Sweep 5.000 s (20001 pts)

Center Freq 15.000000000 GHz

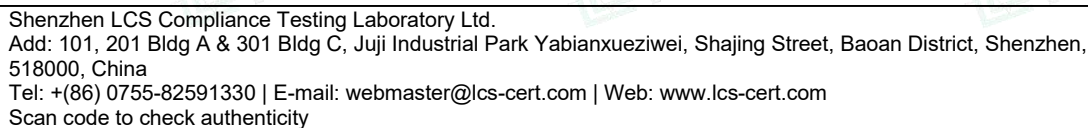
Start Freq 10.000000000 GHz

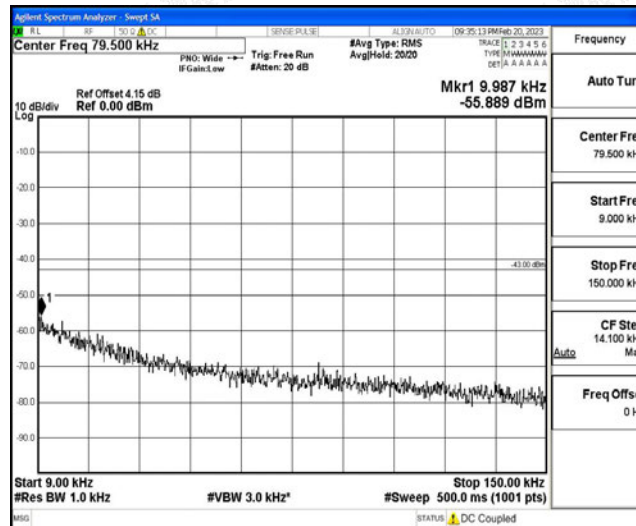
Stop Freq 20.000000000 GHz

CF Stop 1.000000000 GHz
Auto Ma

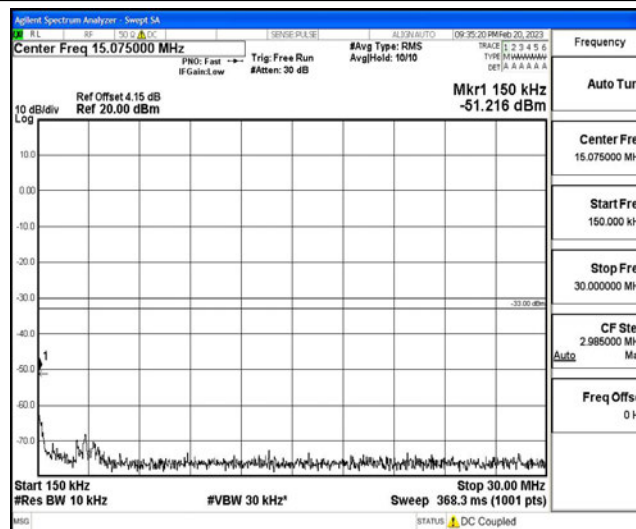
Freq Offset 0 Hz

Band2-1.4MHz-QPSK-19193-1RB#0-Range1:0.009~0.15MHz

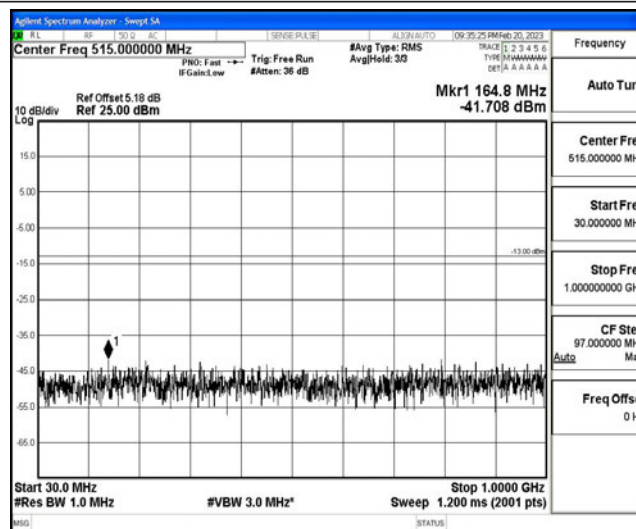




Band2-1.4MHz-QPSK-19193-1RB#0-Range2:0.15~30MHz

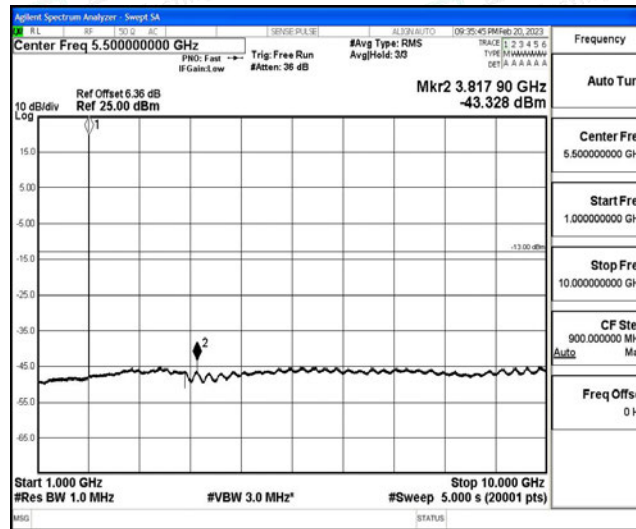


Band2-1.4MHz-QPSK-19193-1RB#0-Range3:30~1000MHz

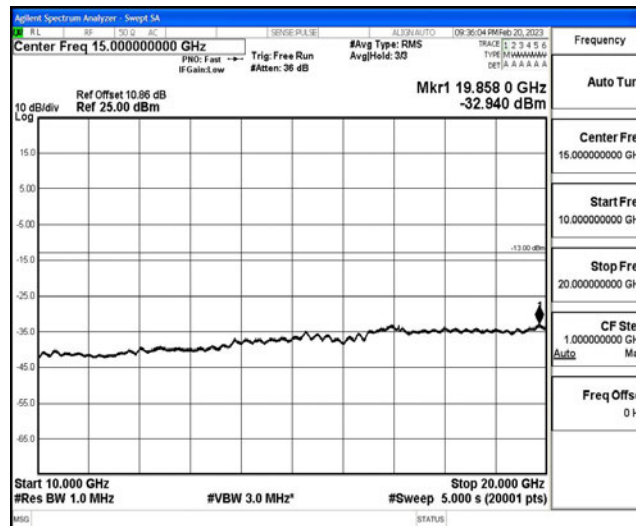




Band2-1.4MHz-QPSK-19193-1RB#0-Range4:1000~10000MHz



Band2-1.4MHz-QPSK-19193-1RB#0-Range5:10000~20000MHz



Band2-1.4MHz-16QAM-18607-1RB#0-Range1:0.009~0.15MHz

