



Appendix G: Test Data for E-UTRA Band 4

Product Name: Smartphone

Test Model: 65PA1-1

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



G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.71	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.52	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.72	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.49	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.66	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.61	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.81	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.44	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.80	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.43	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.83	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.42	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.79	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.03	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.62	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.83	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.61	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.95	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.74	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.03	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.87	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.79	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.84	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.81	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.87	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.78	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.81	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.02	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.94	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.99	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.91	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.05	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.35	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	24.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.40	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



Band4	1.4MHz	QPSK	20393	3RB#1	23.94	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.42	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.89	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.36	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.87	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.08	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.74	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.83	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.70	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.79	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.68	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.85	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.78	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.94	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.79	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.90	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.86	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.95	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.83	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.85	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.59	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.70	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.71	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.72	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.73	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.74	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.77	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.93	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.76	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.92	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.85	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.80	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.73	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.86	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.66	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.89	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.59	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.84	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.52	PASS





Band4	3MHz	QPSK	20385	8RB#0	22.92	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.12	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.96	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.03	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.88	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.05	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.89	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.97	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.80	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.13	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.75	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.06	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.73	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.12	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.73	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.77	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.74	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.77	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.74	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.80	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.75	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.91	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.68	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.67	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.81	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.79	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.72	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.79	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.75	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.83	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.86	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.77	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.81	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.82	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.85	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.87	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.03	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.46	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.03	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.45	PASS





Band4	5MHz	QPSK	20375	1RB#24	23.86	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.22	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.94	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.97	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.87	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.99	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.87	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.01	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.94	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.11	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.69	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.66	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.70	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.56	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.65	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.55	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.86	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.78	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.76	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.79	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.67	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.70	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.83	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.83	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.70	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.34	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.78	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.42	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.79	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.49	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.86	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.92	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.72	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.90	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.93	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.90	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.85	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.91	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.80	PASS





Band4	10MHz	QPSK	20350	1RB#24	23.89	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.77	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.89	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.77	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.94	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.06	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.87	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.97	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.01	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.06	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.03	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.02	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.67	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.51	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.60	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.55	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.57	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.50	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.75	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.77	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.76	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.76	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.76	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.76	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.75	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.76	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.64	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.87	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.71	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.94	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.63	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.86	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.72	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.68	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.82	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.81	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.80	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.80	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.80	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.89	PASS





Band4	15MHz	QPSK	20325	1RB#0	23.85	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.90	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.91	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.87	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.95	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.77	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.95	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.95	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.95	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.95	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.96	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.09	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.82	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.80	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.78	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.73	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.87	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.46	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.74	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.83	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.66	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.86	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.70	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.83	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.73	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.77	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.88	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.24	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.97	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.16	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.13	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.31	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.75	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.81	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.71	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.80	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.73	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.91	PASS





Band4	20MHz	QPSK	20175	100RB#0	22.90	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.96	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.24	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.11	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.36	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.28	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.29	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.15	PASS
Band4	20MHz	QPSK	20300	50RB#0	23.02	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.14	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.85	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.12	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.99	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.17	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.88	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.87	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.98	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.59	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.88	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.79	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.24	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.99	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.07	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.73	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.05	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.74	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.16	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.12	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.06	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.78	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.98	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.73	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.18	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.07	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.39	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.08	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.11	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.78	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.21	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.99	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.66	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.28	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.37	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.93	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.46	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.00	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.49	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.21	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.03	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.37	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.06	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

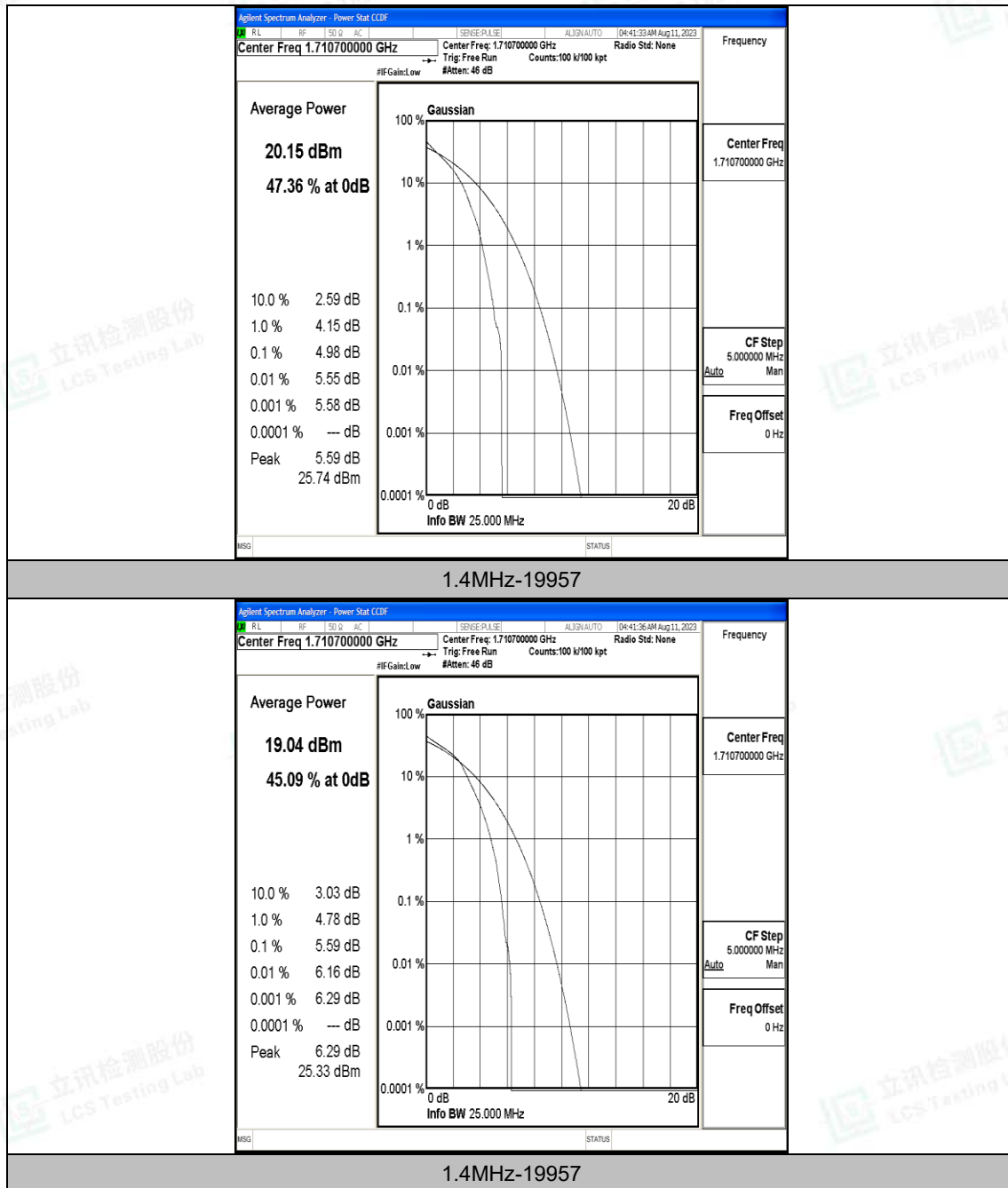
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

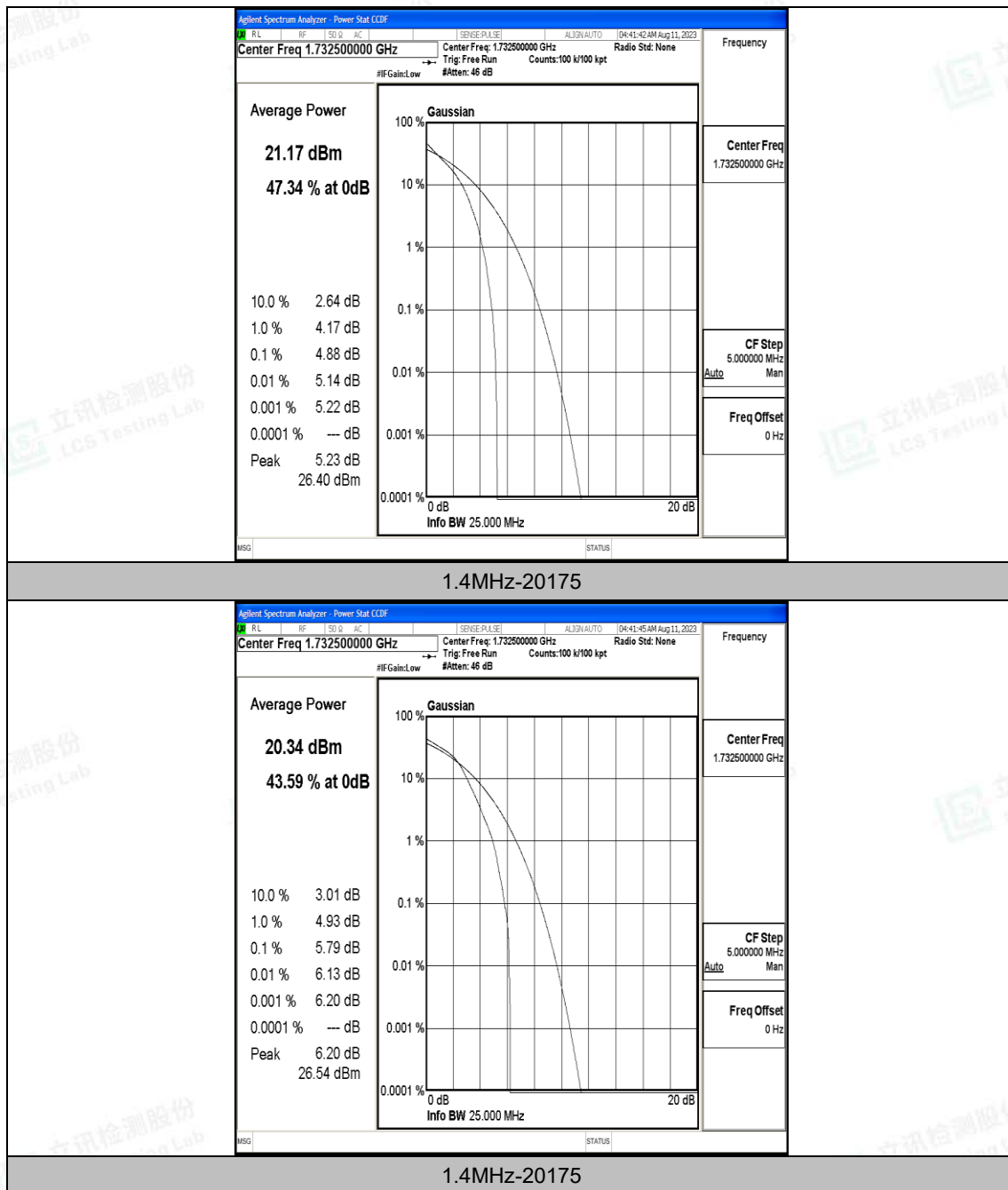


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

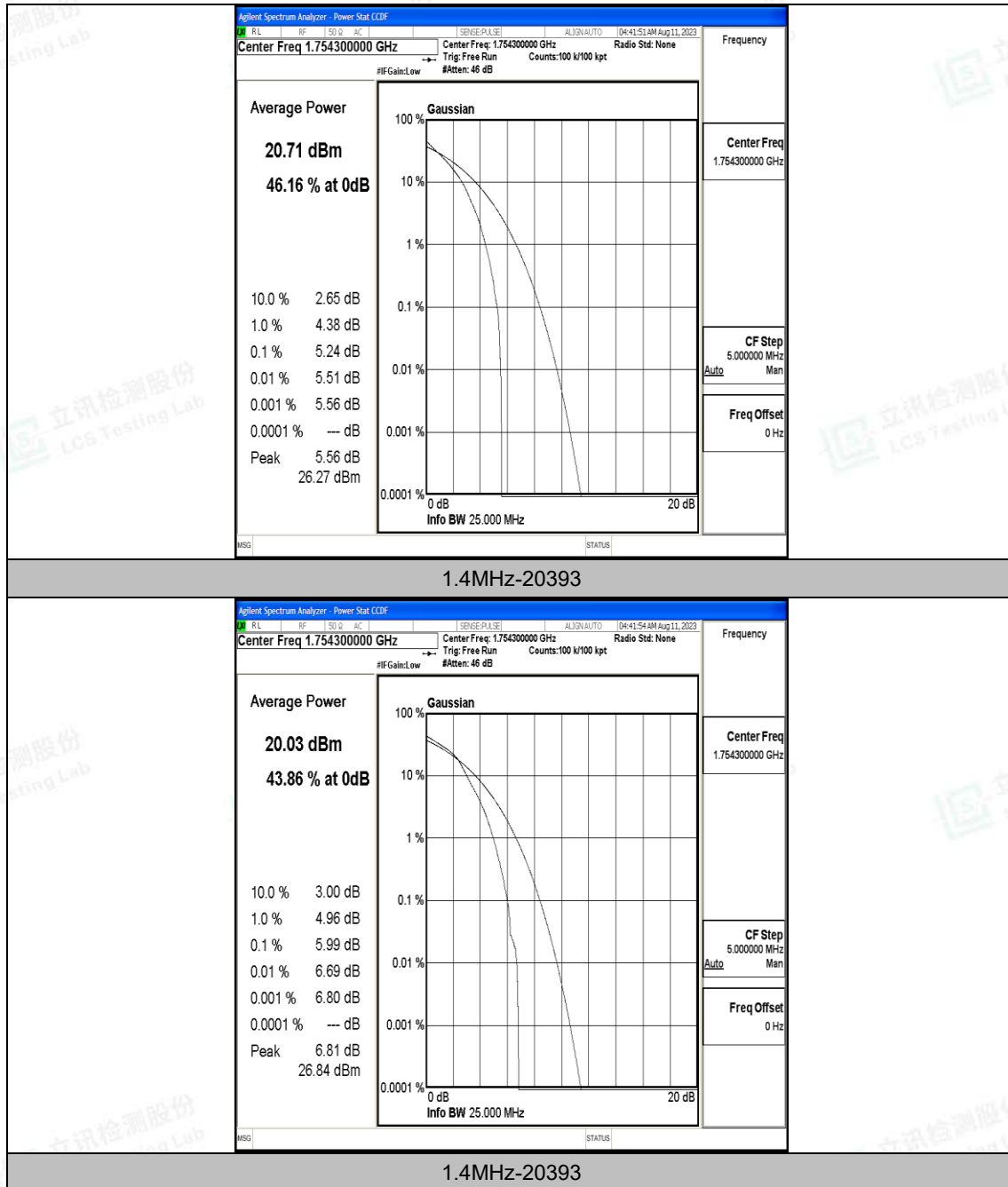


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

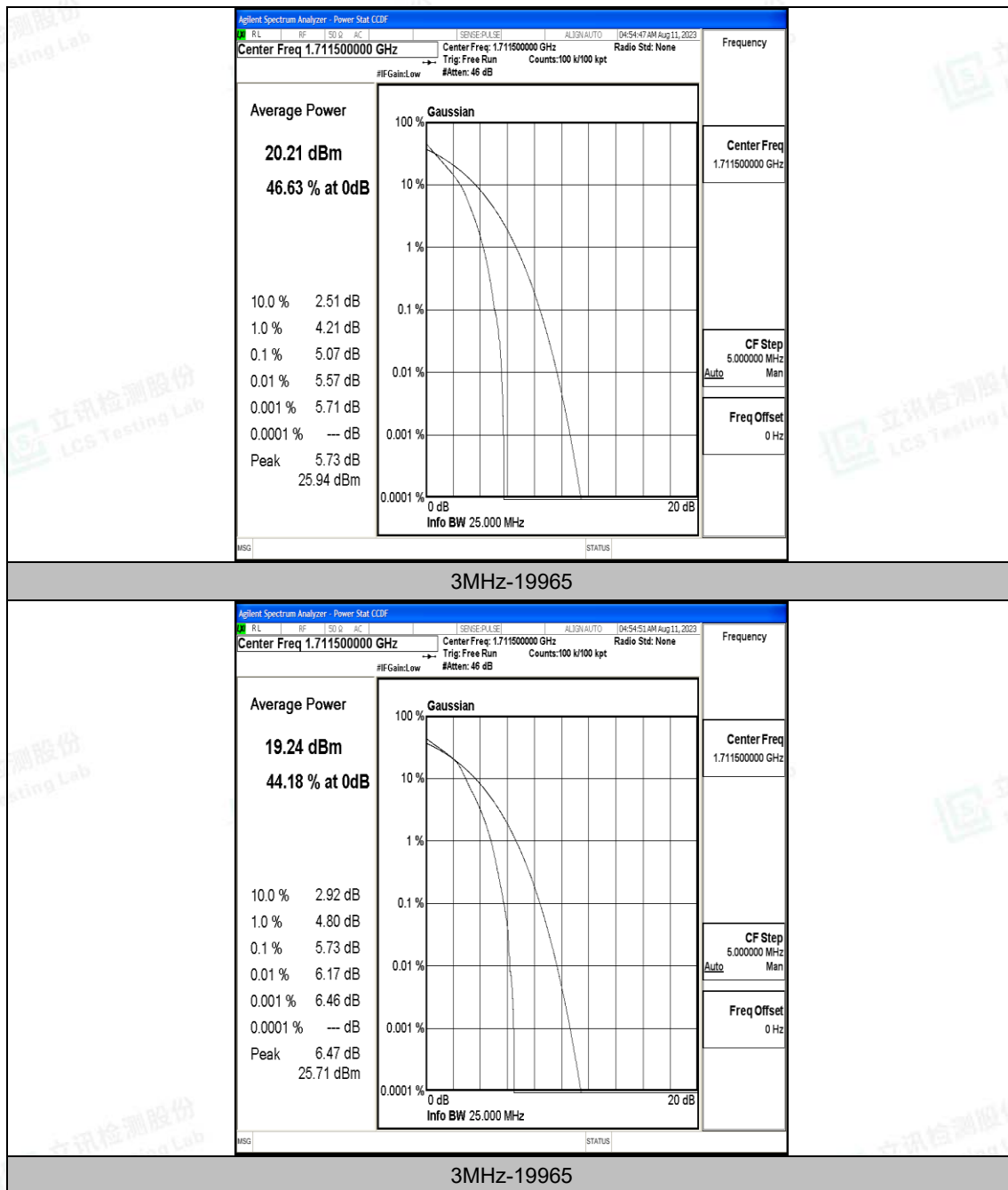


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

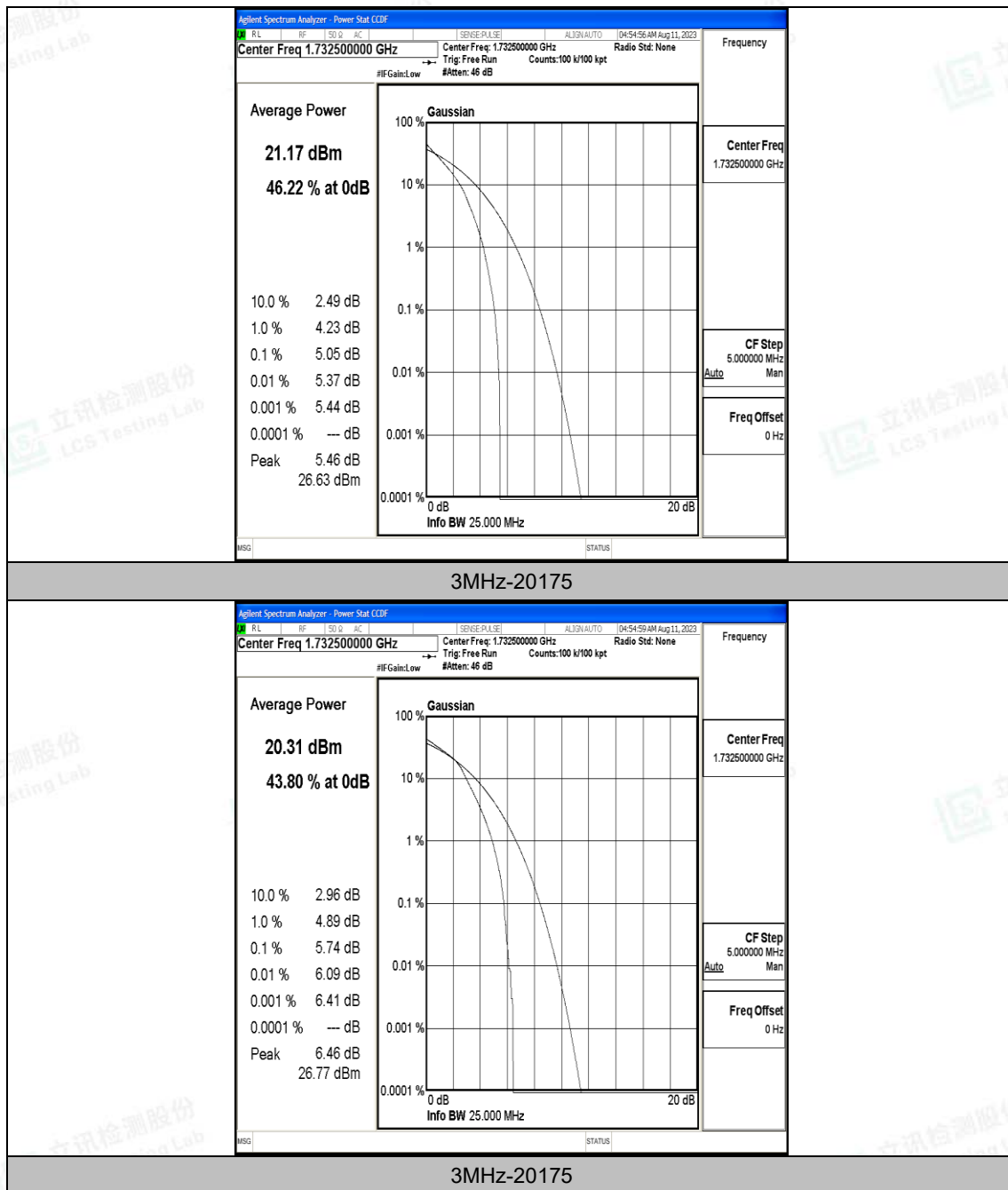


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

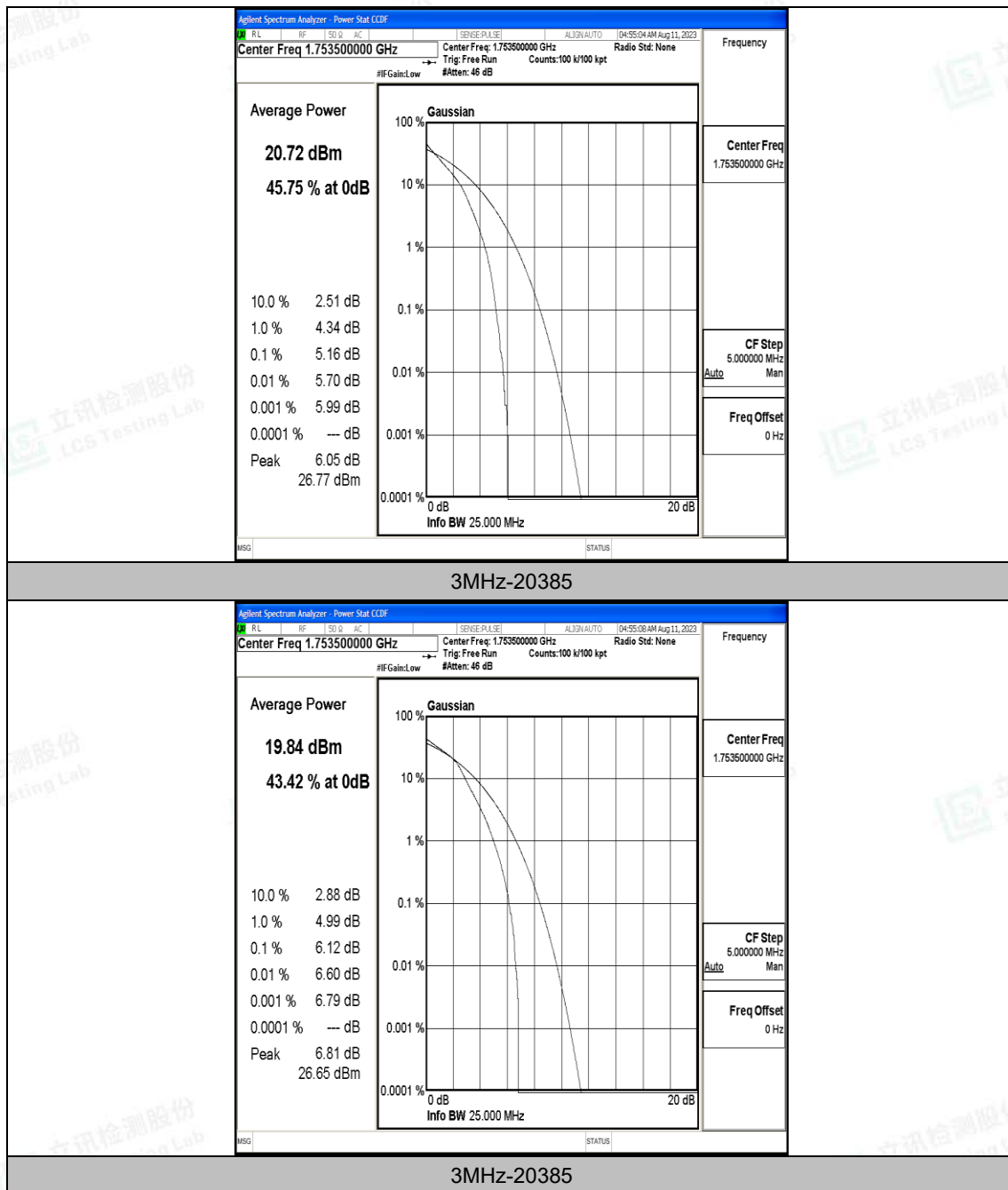


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

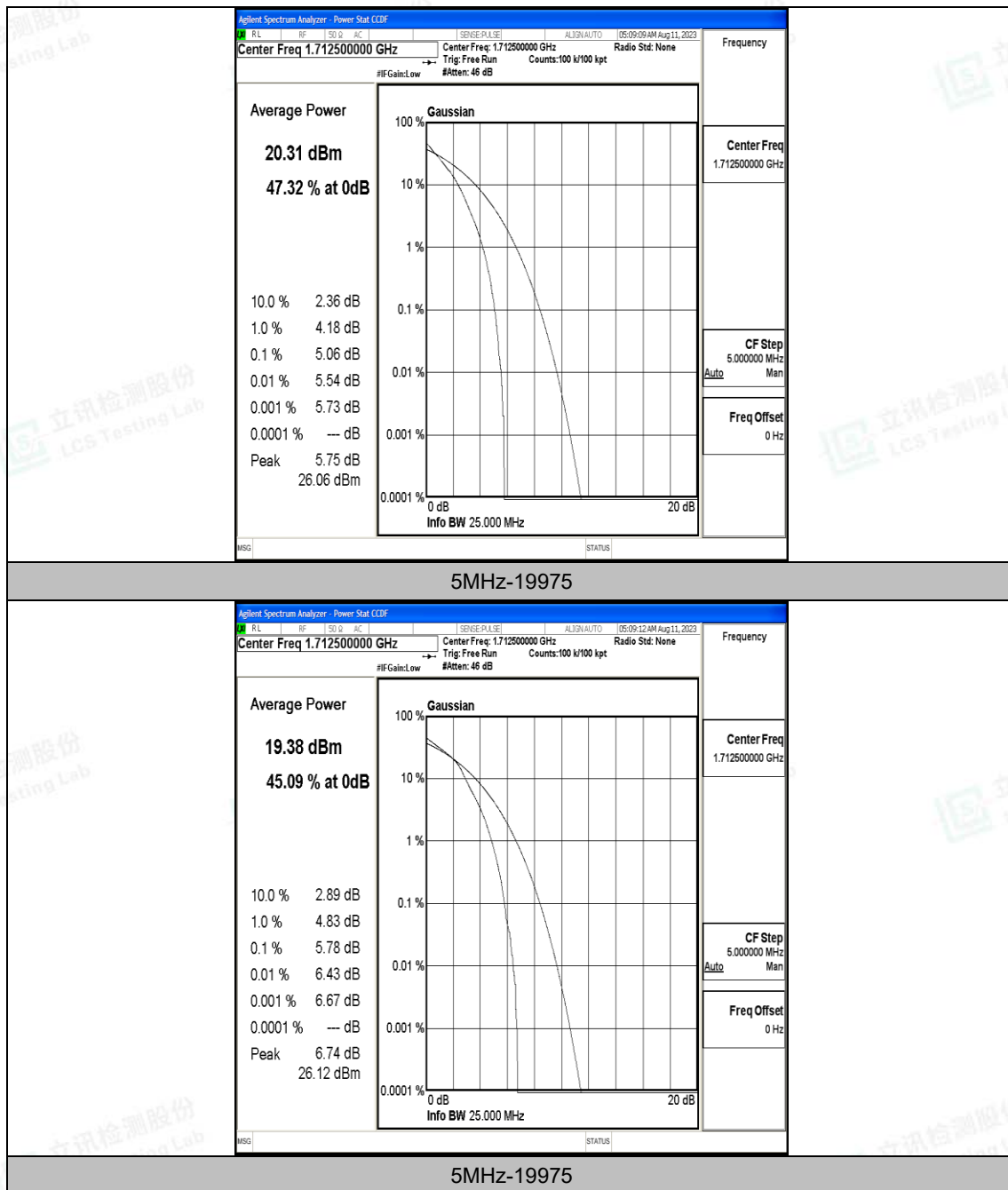


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

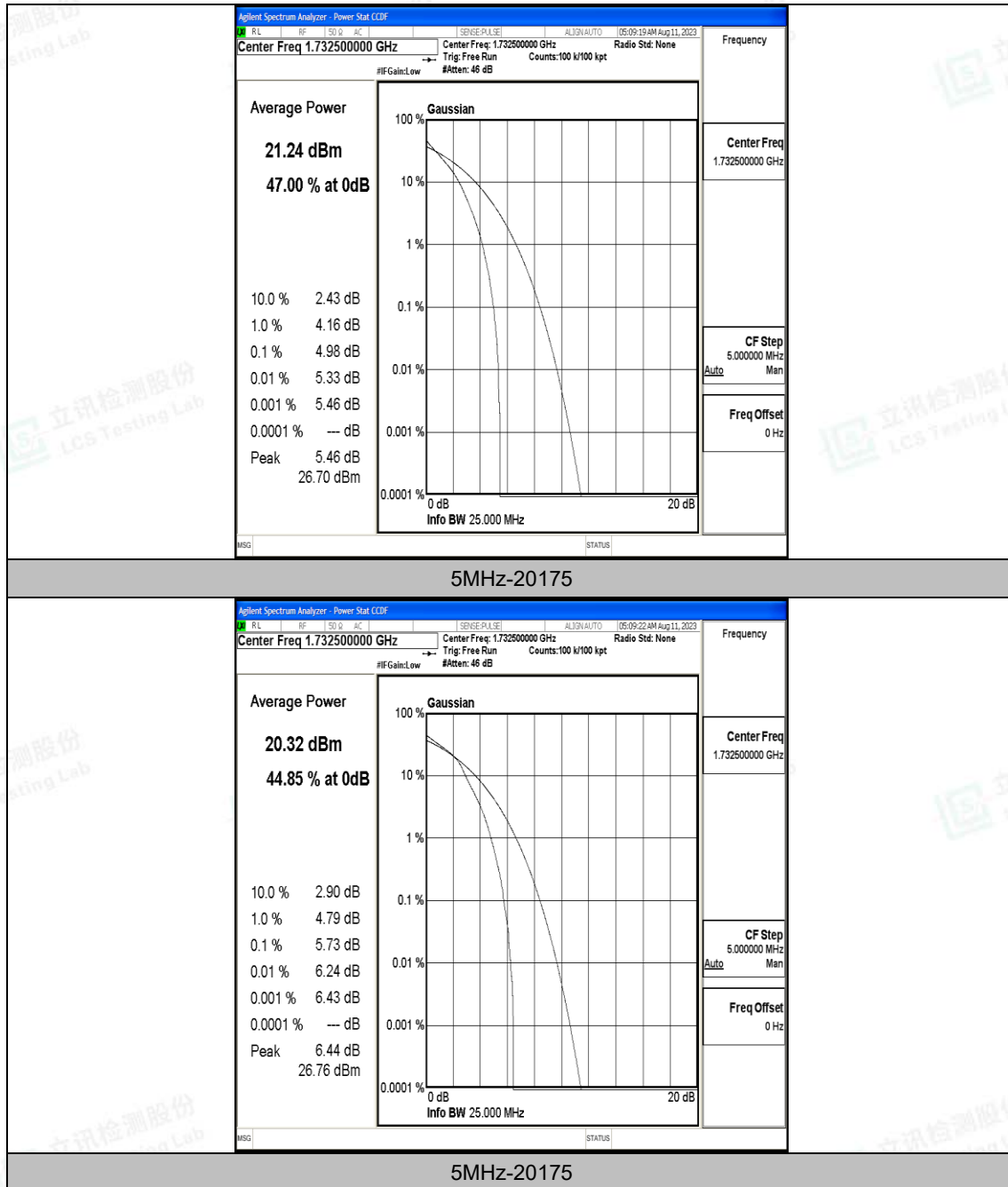


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

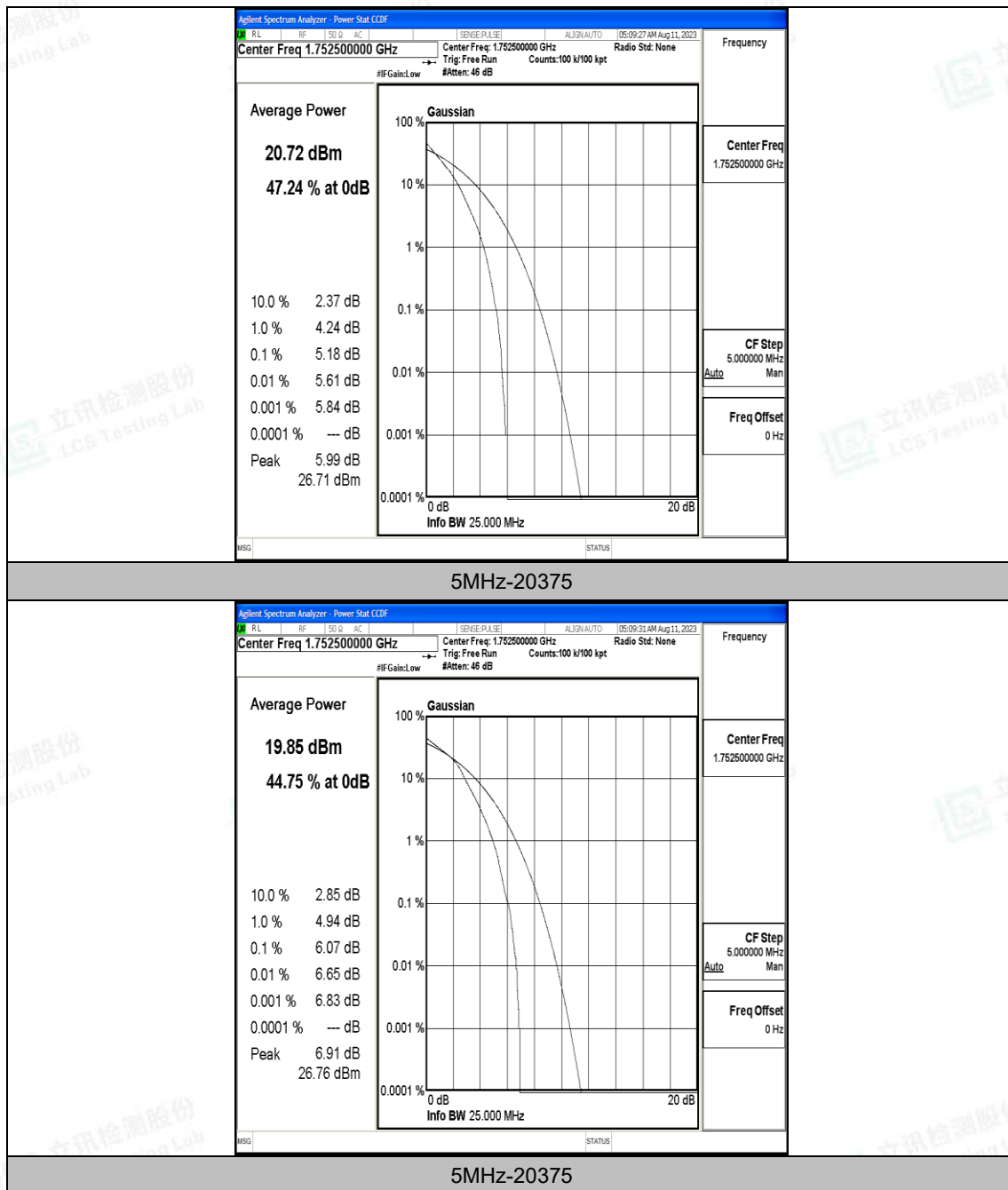


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

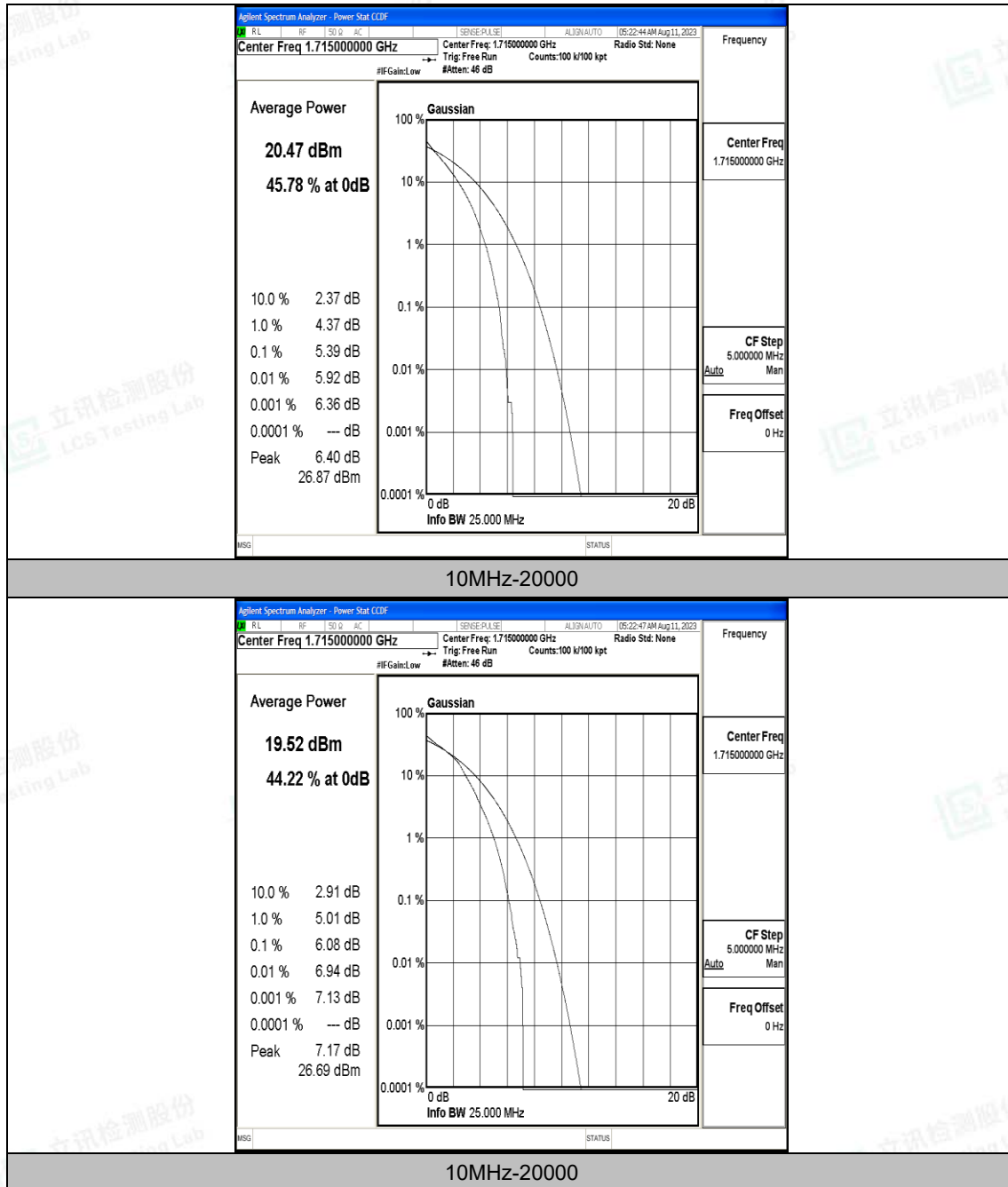


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

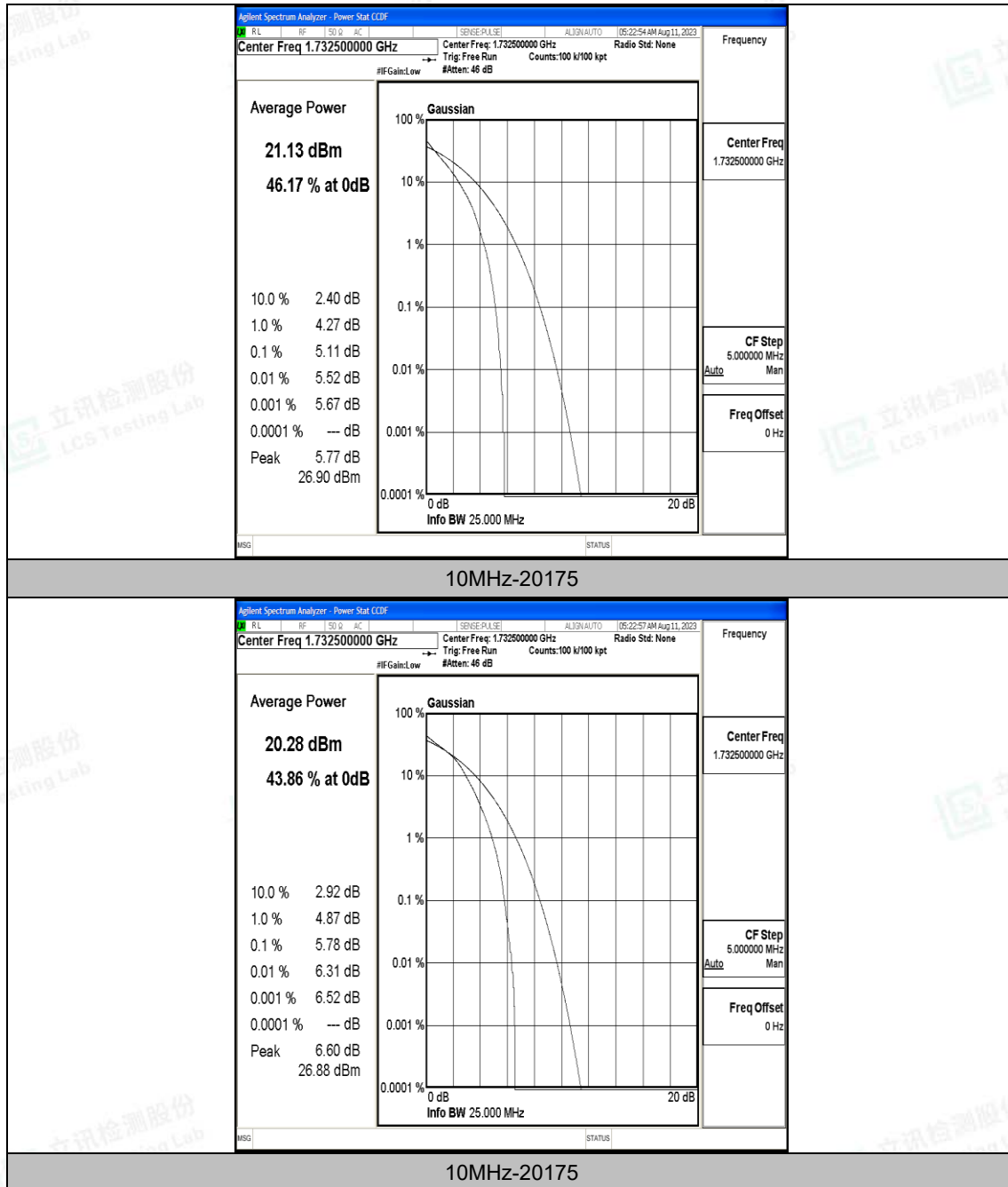


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

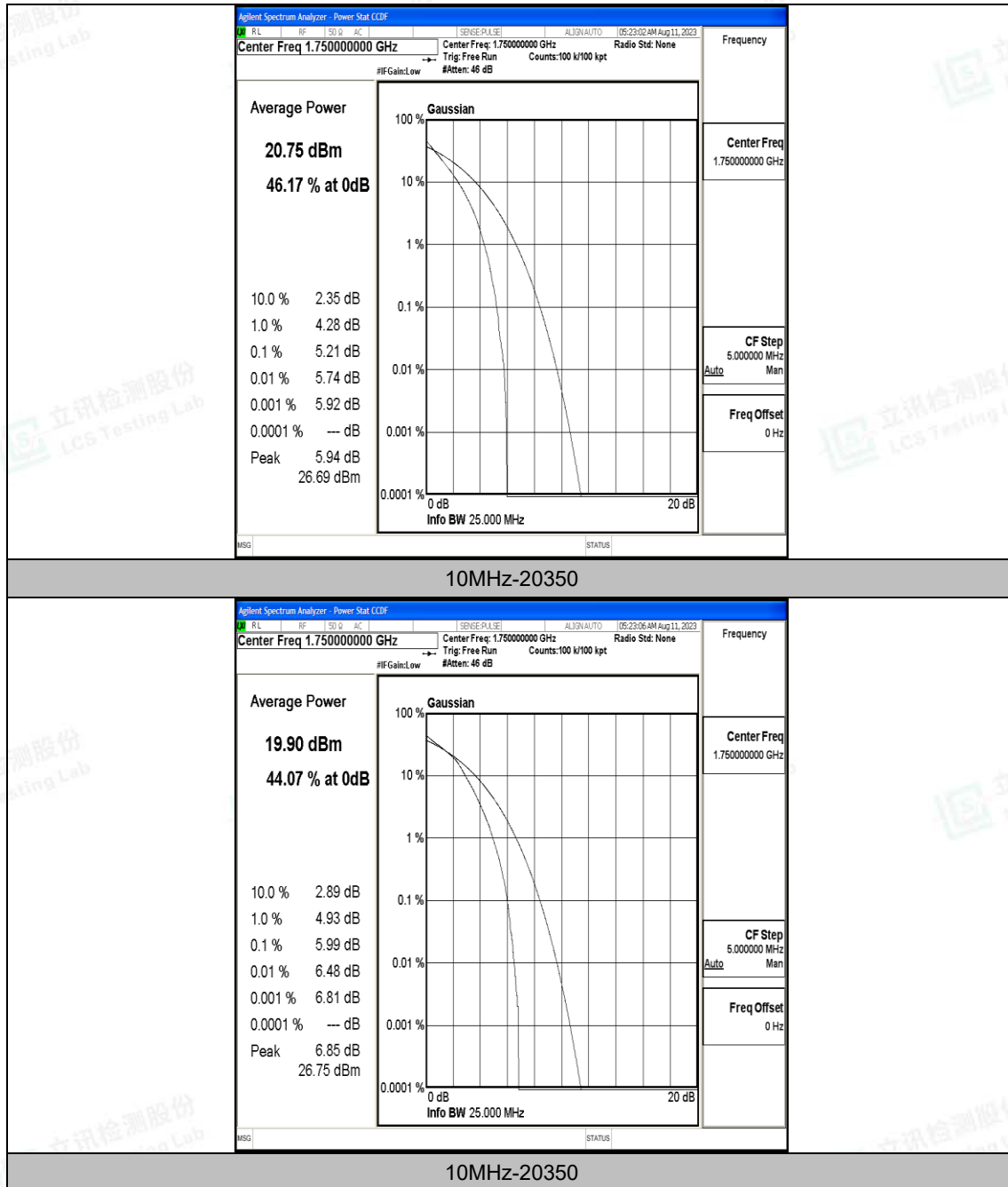


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

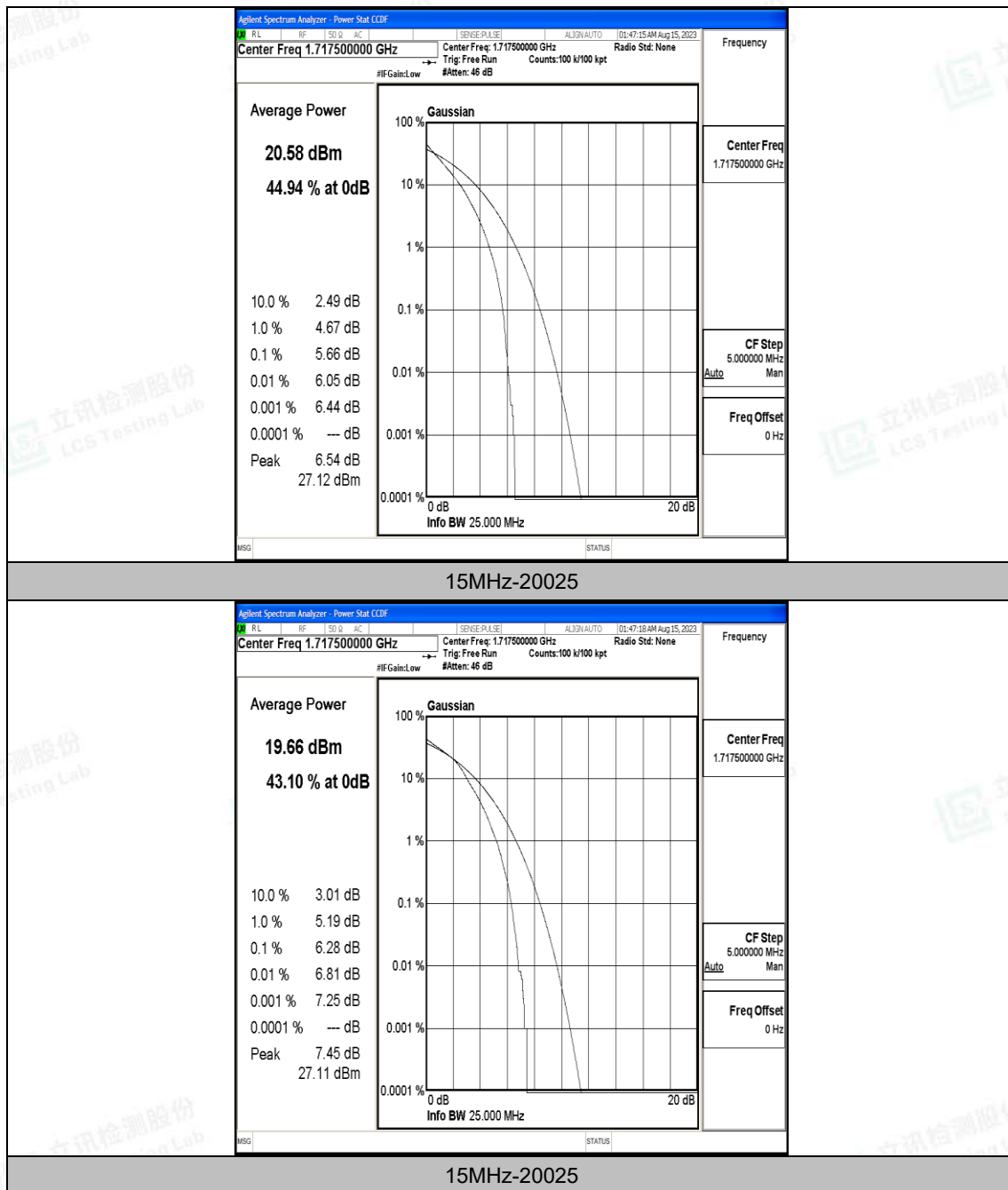


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

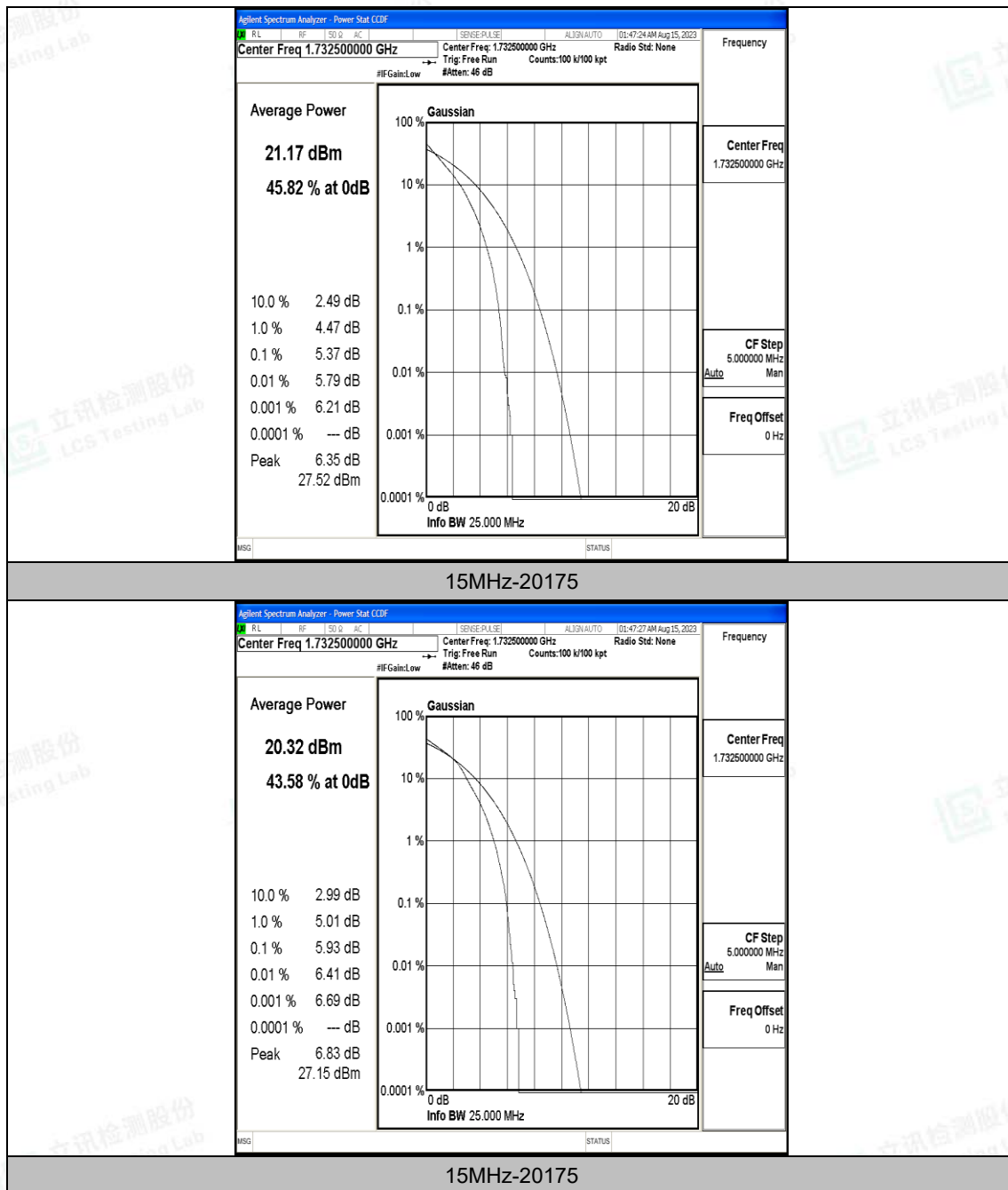


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

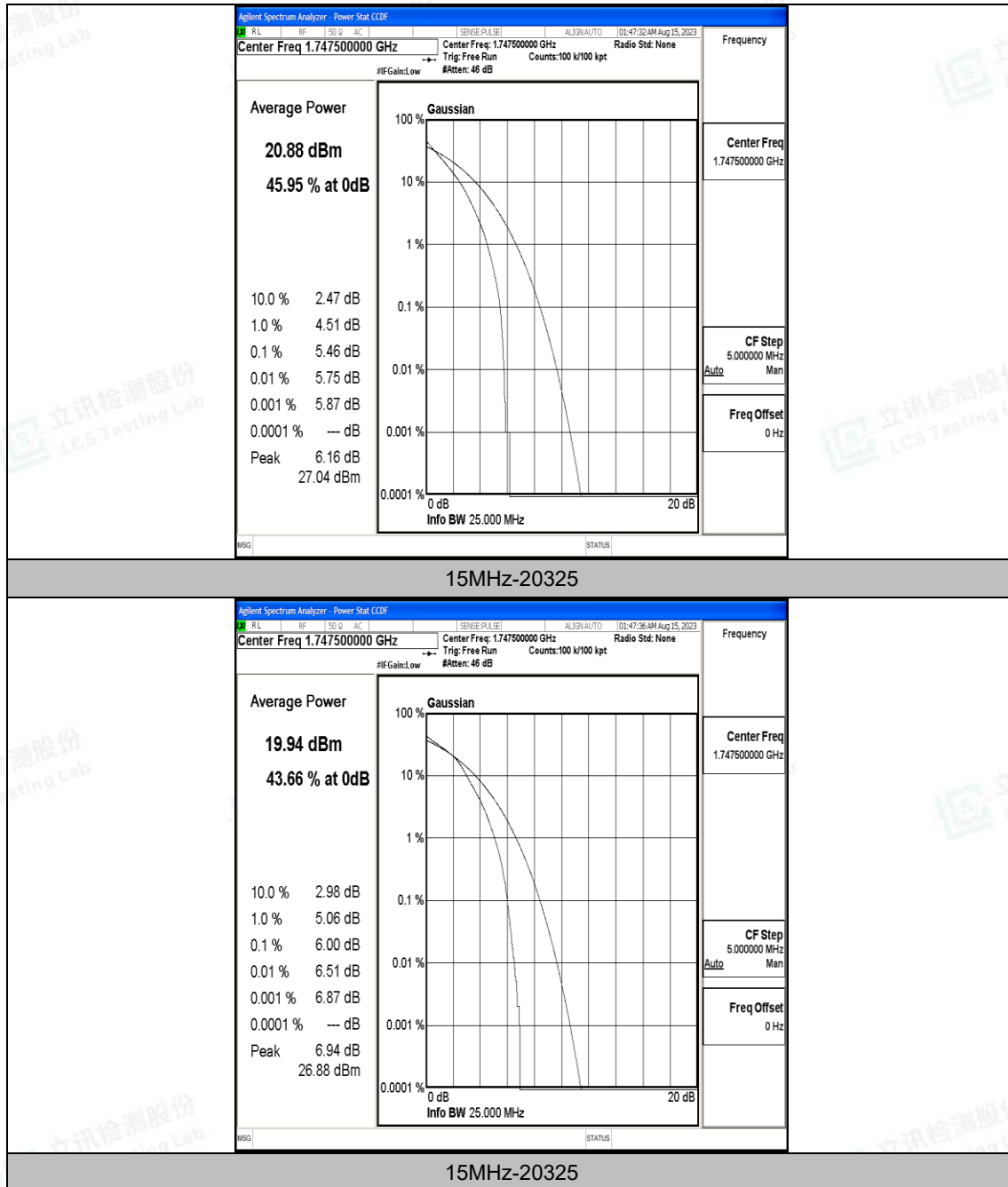


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

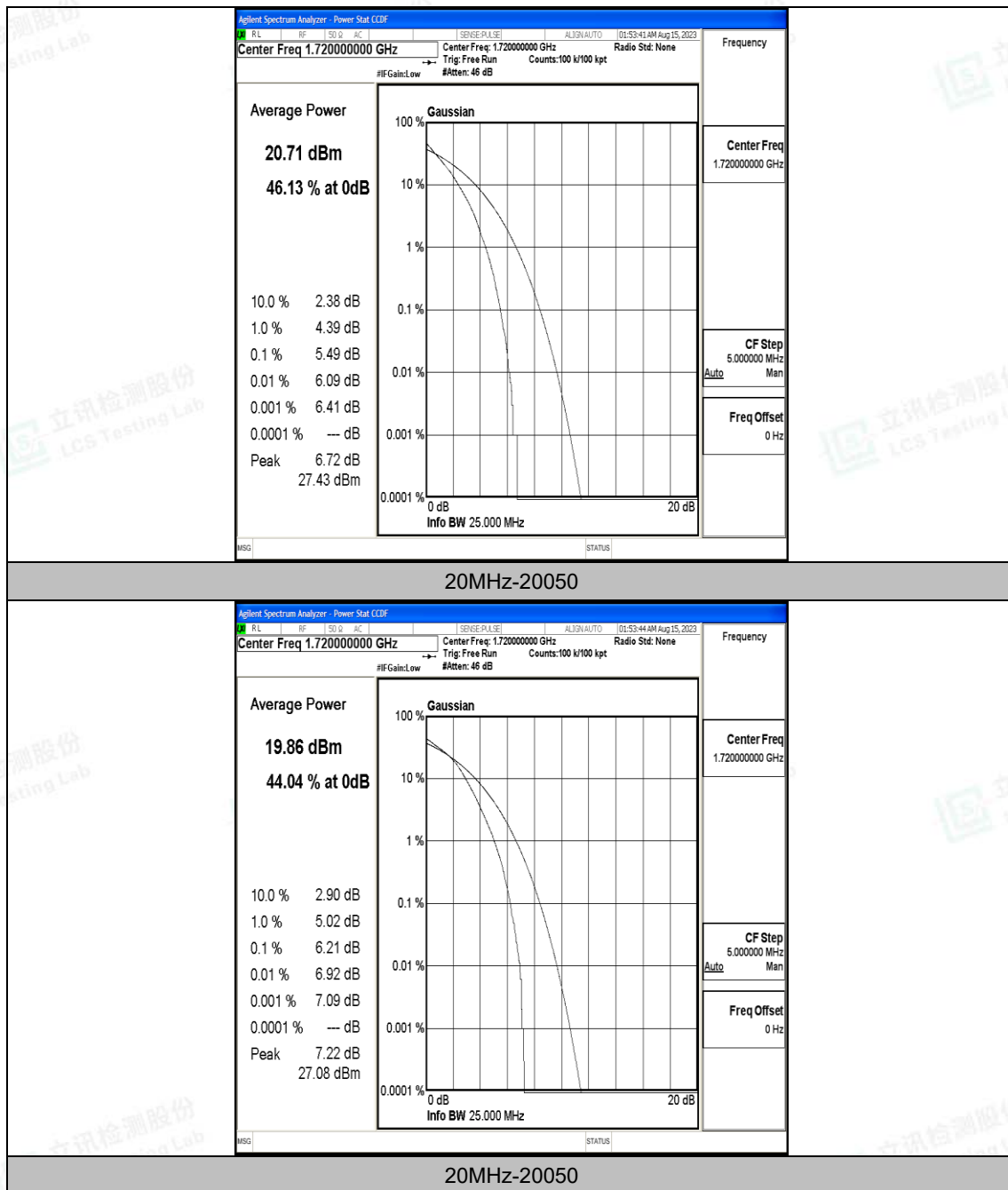


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

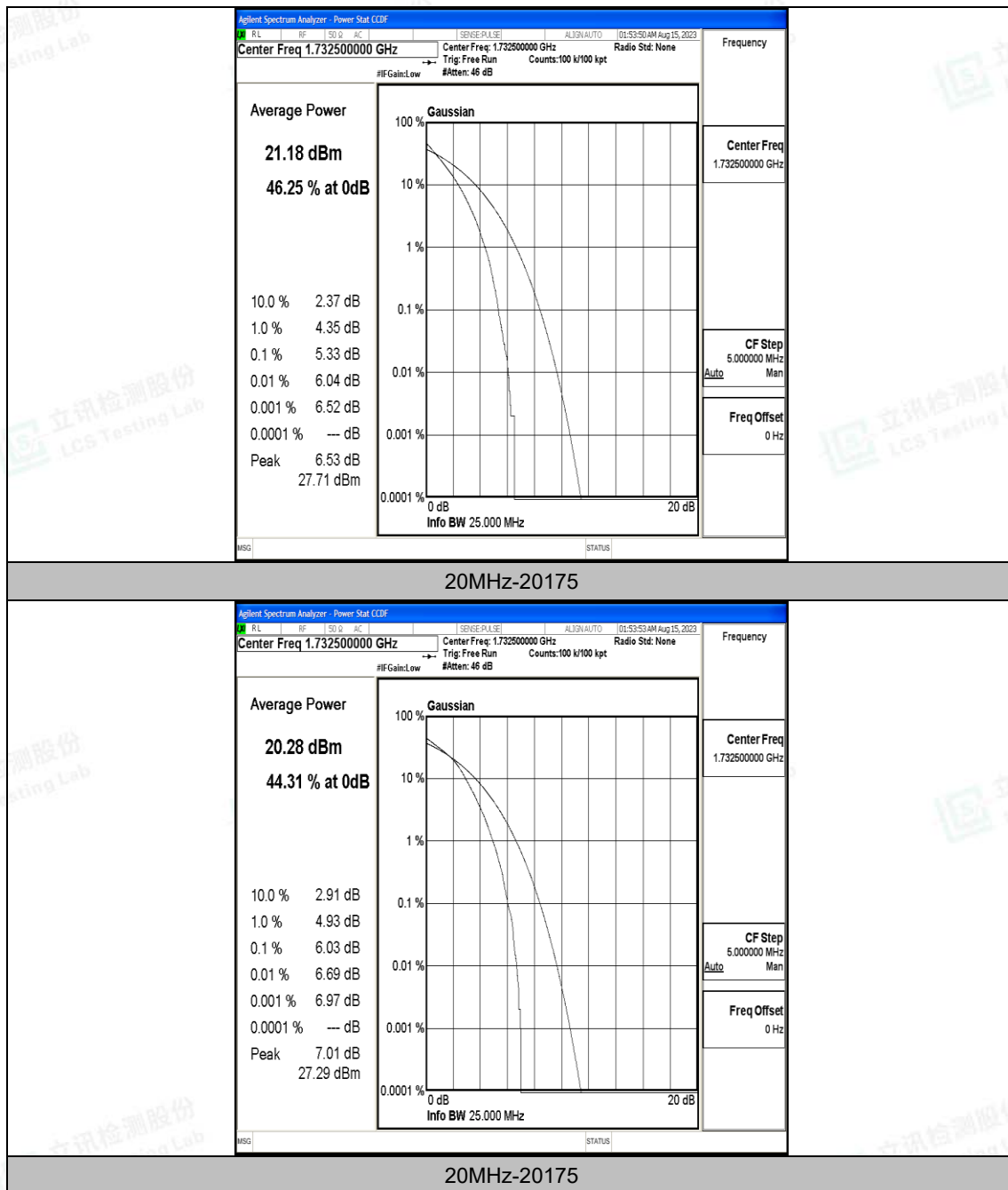


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

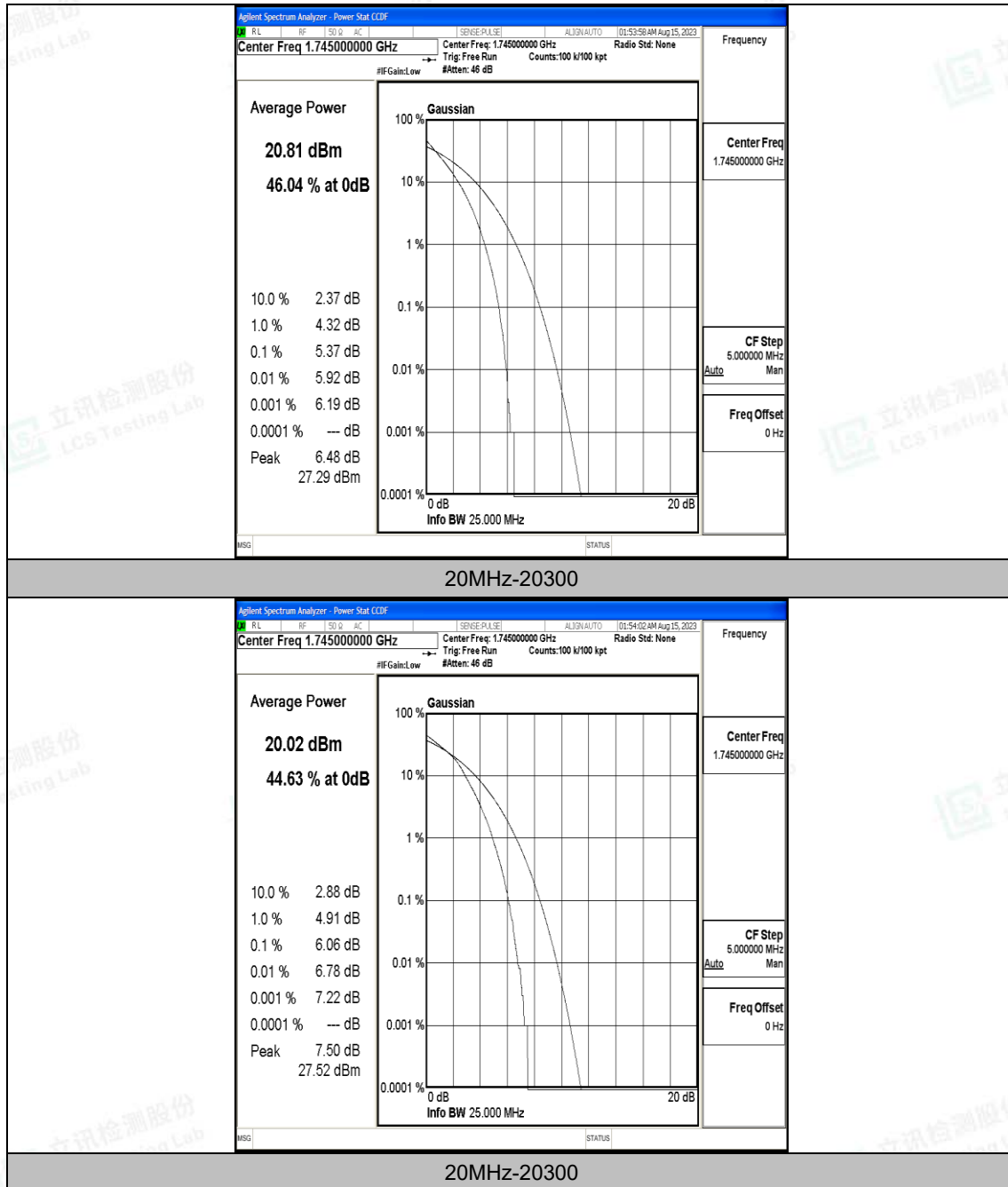


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0860	1.252	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1061	1.257	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0888	1.262	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1101	1.263	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1004	1.243	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0978	1.242	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7070	3.050	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6963	3.028	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7118	3.017	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7091	3.014	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7072	3.034	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7093	3.055	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5154	4.965	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5132	4.964	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5384	4.985	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5011	4.807	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4939	4.992	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5227	5.002	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9721	9.854	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9964	9.894	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0125	9.917	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0069	9.951	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9970	9.931	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0001	9.927	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.490	14.82	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.499	14.92	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.508	14.90	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.521	14.88	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.489	14.91	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.524	14.95	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.961	19.59	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.005	19.68	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.036	19.69	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.035	19.81	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

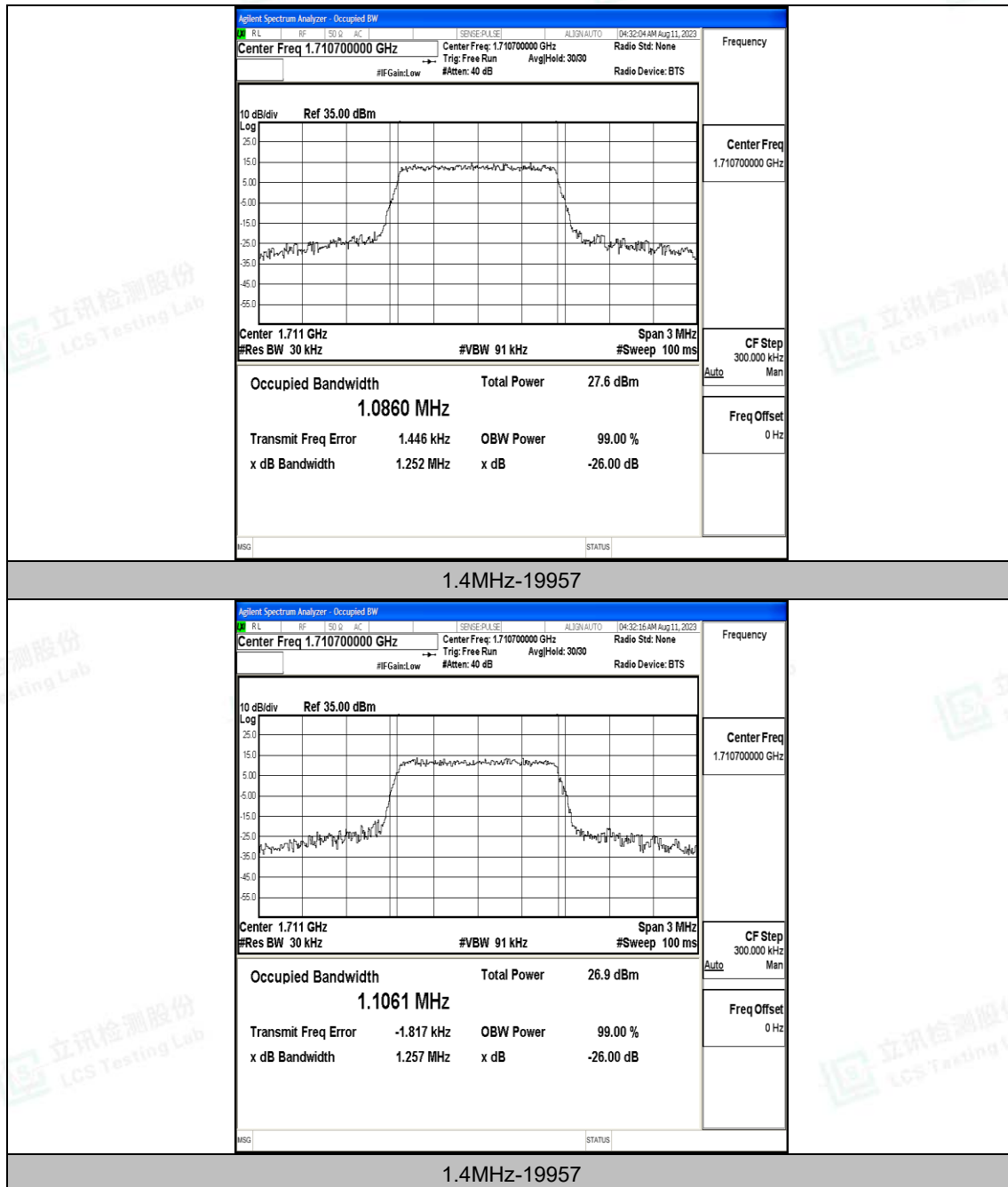


Band4	20MHz	QPSK	20300	100RB#0	17.998	19.79	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.001	19.84	PASS





Test Graphs

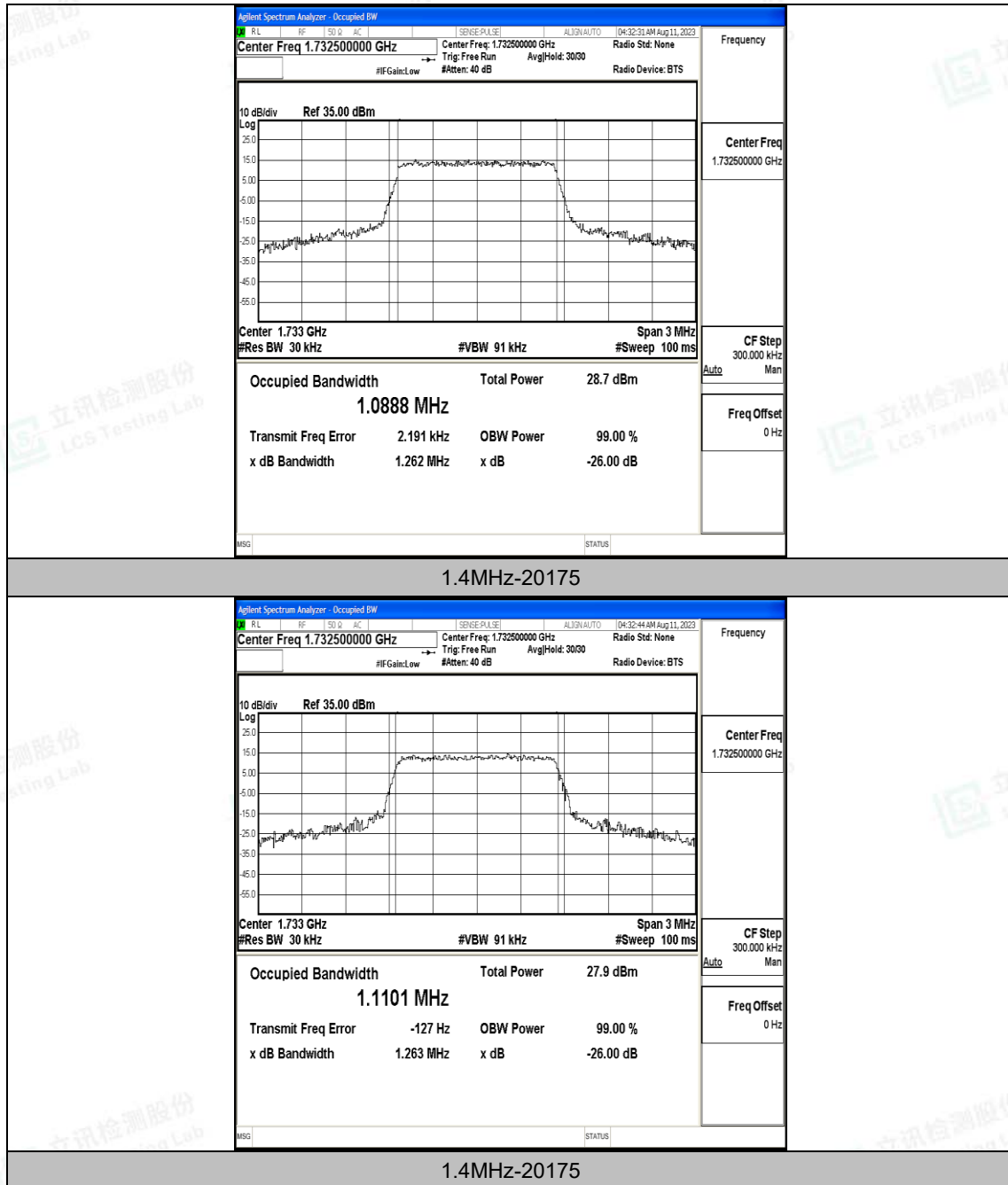


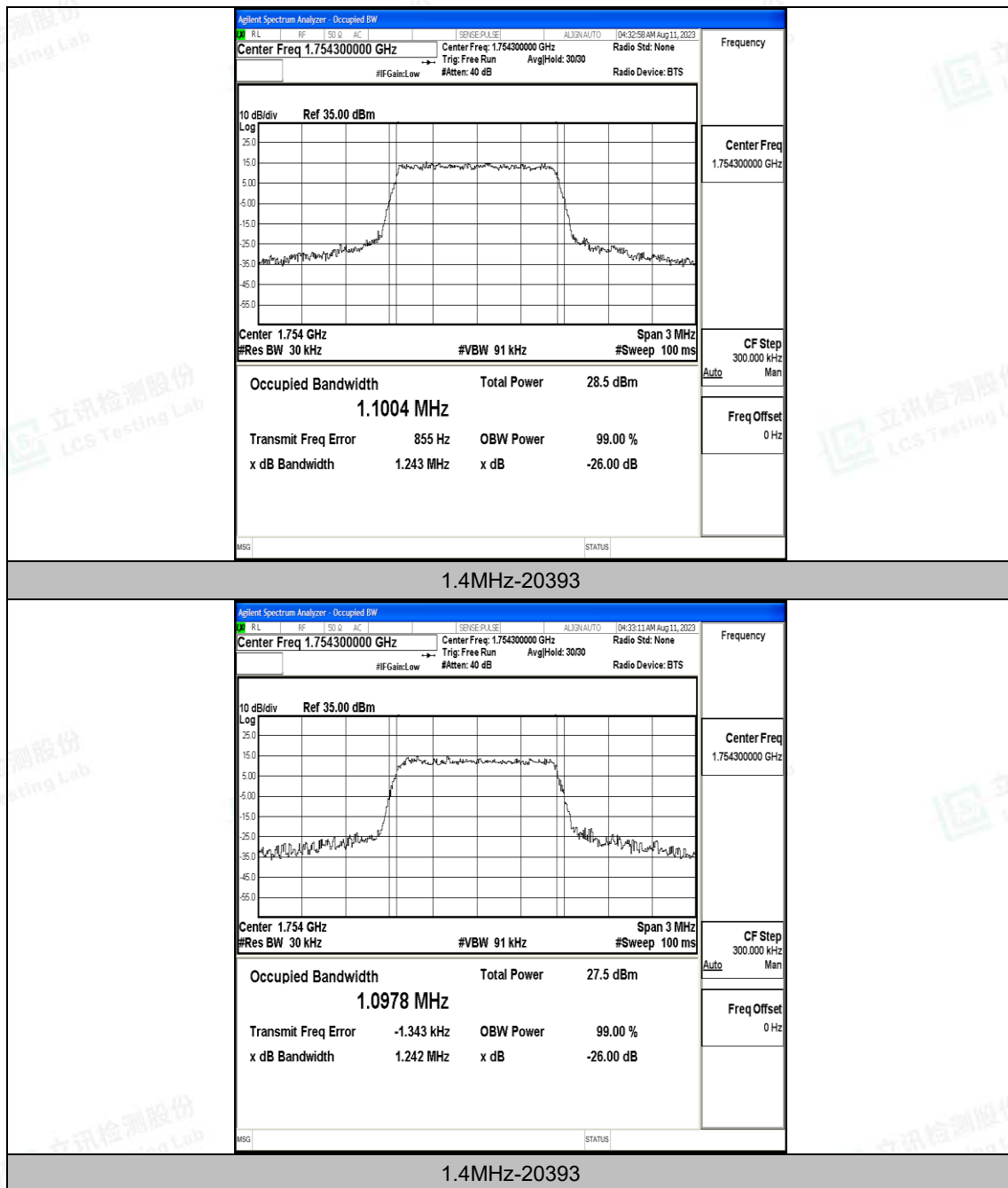
Shenzhen LCS Compliance Testing Laboratory Ltd.

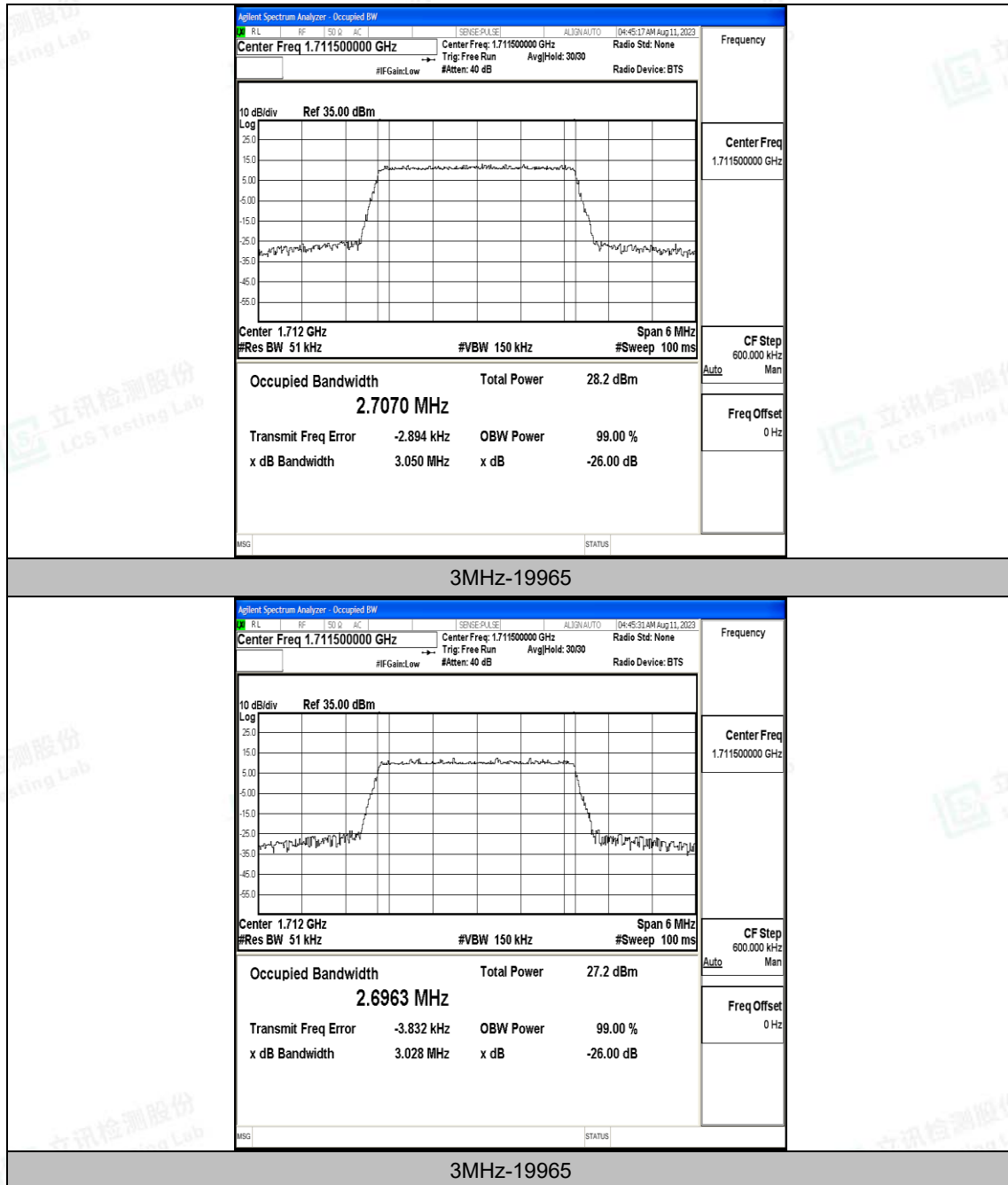
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

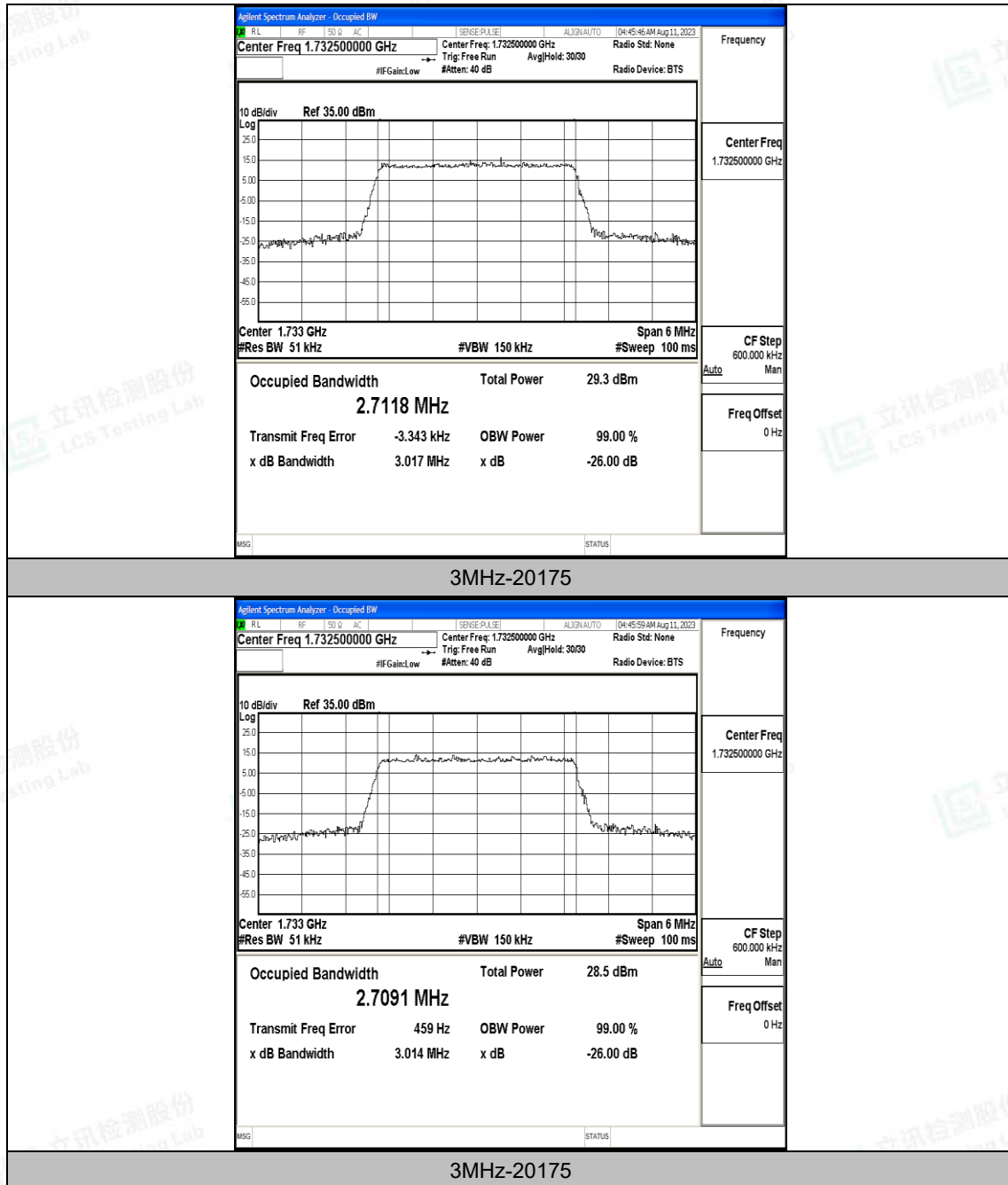
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

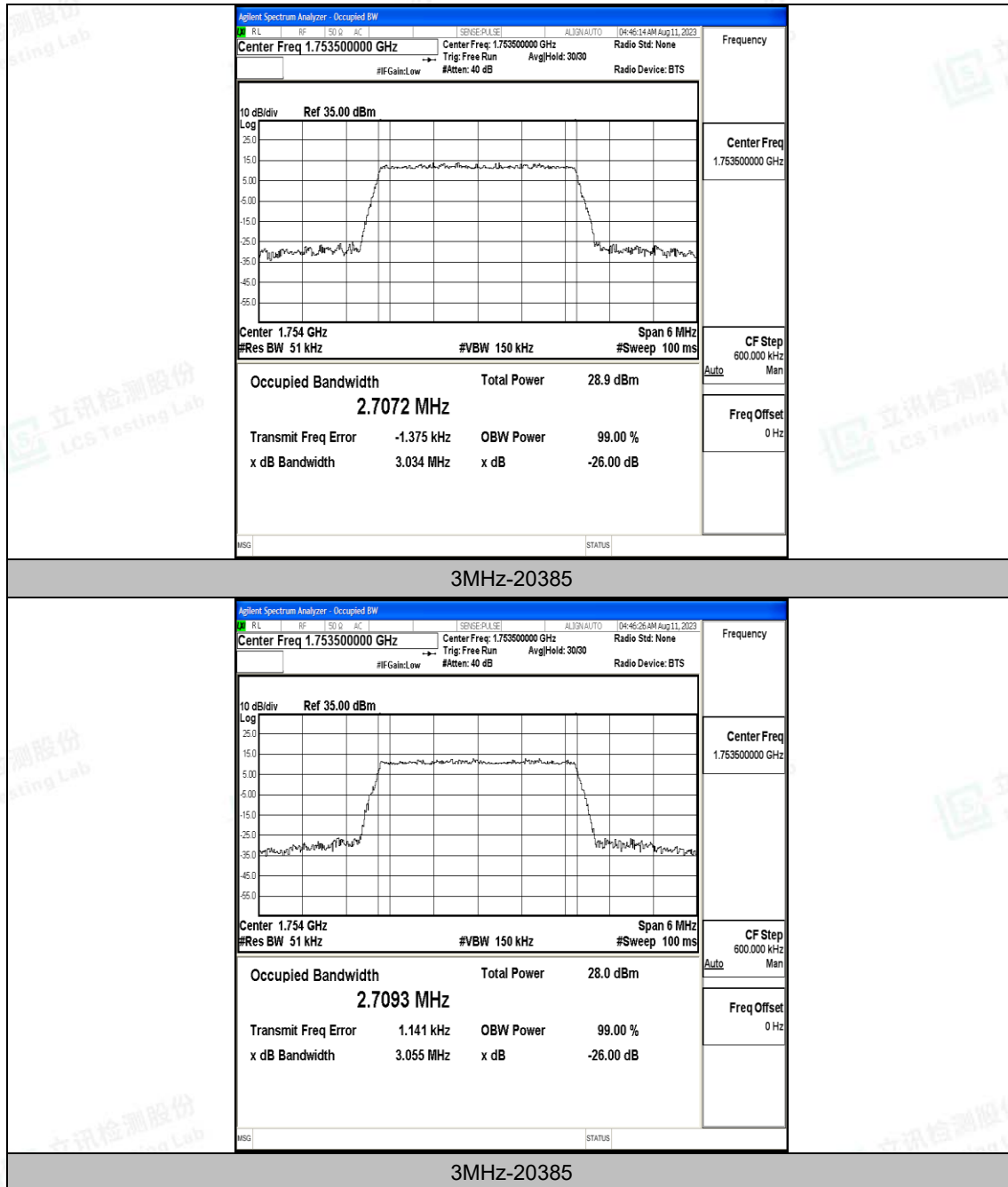
Scan code to check authenticity









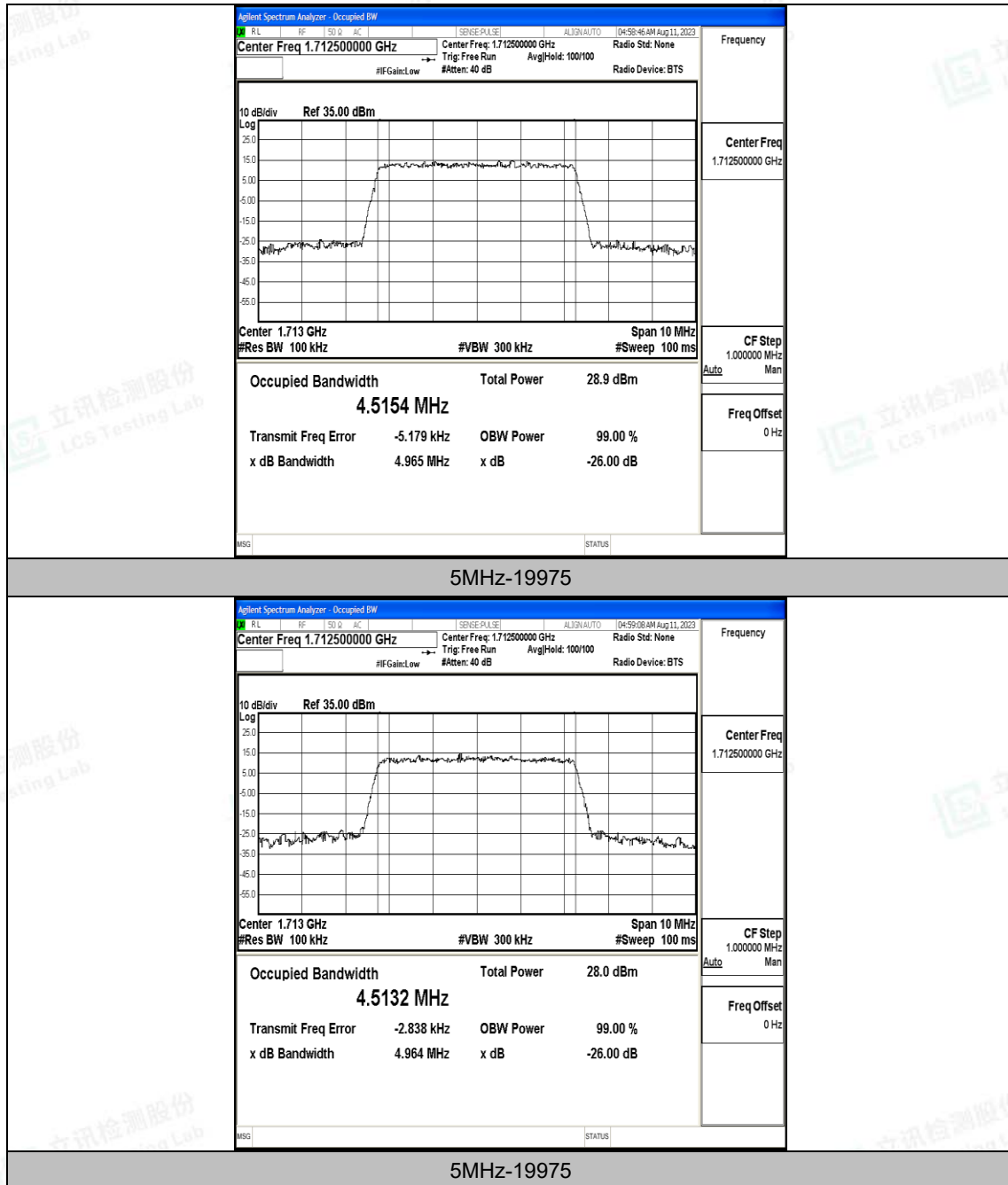


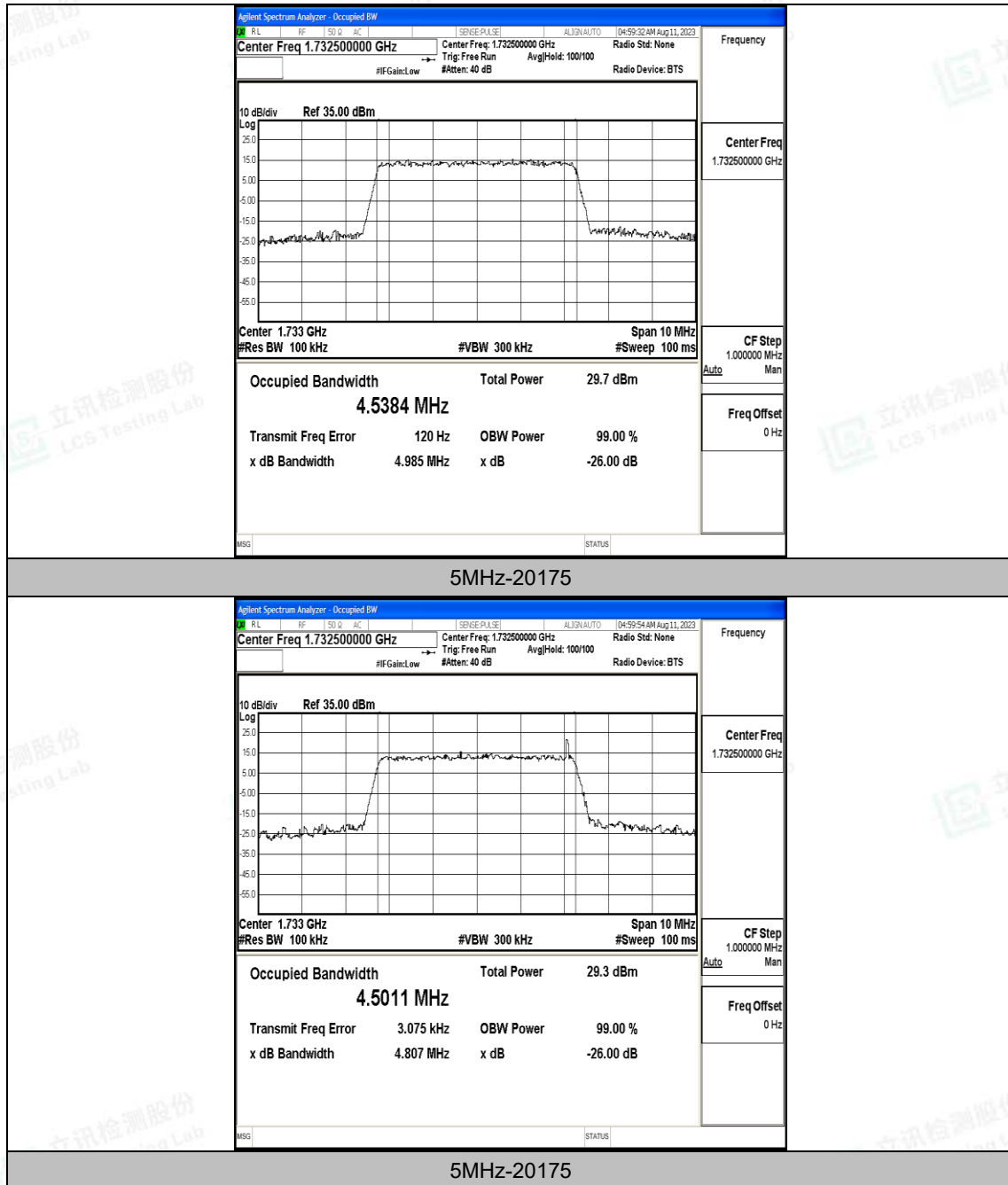
Shenzhen LCS Compliance Testing Laboratory Ltd.

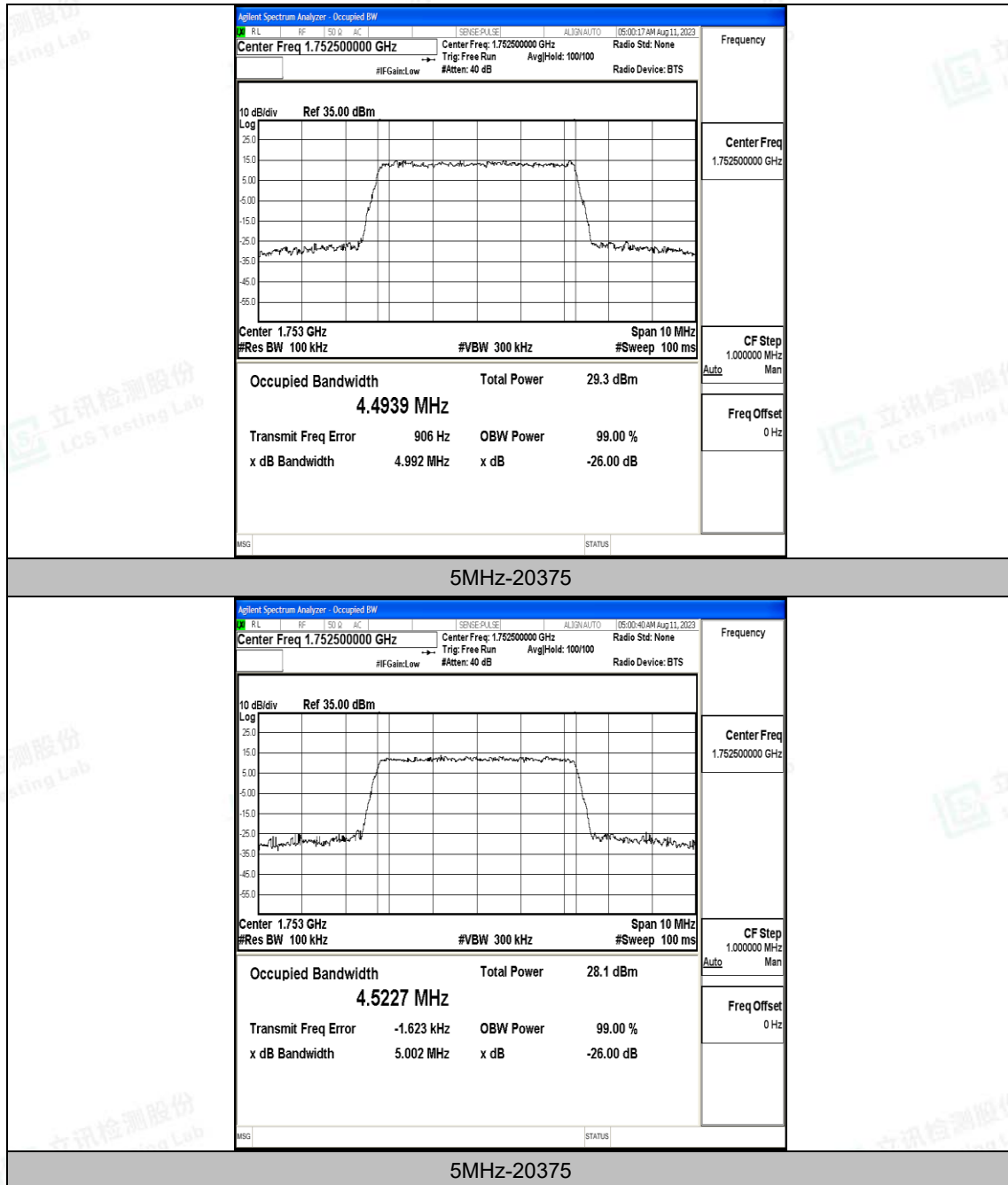
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

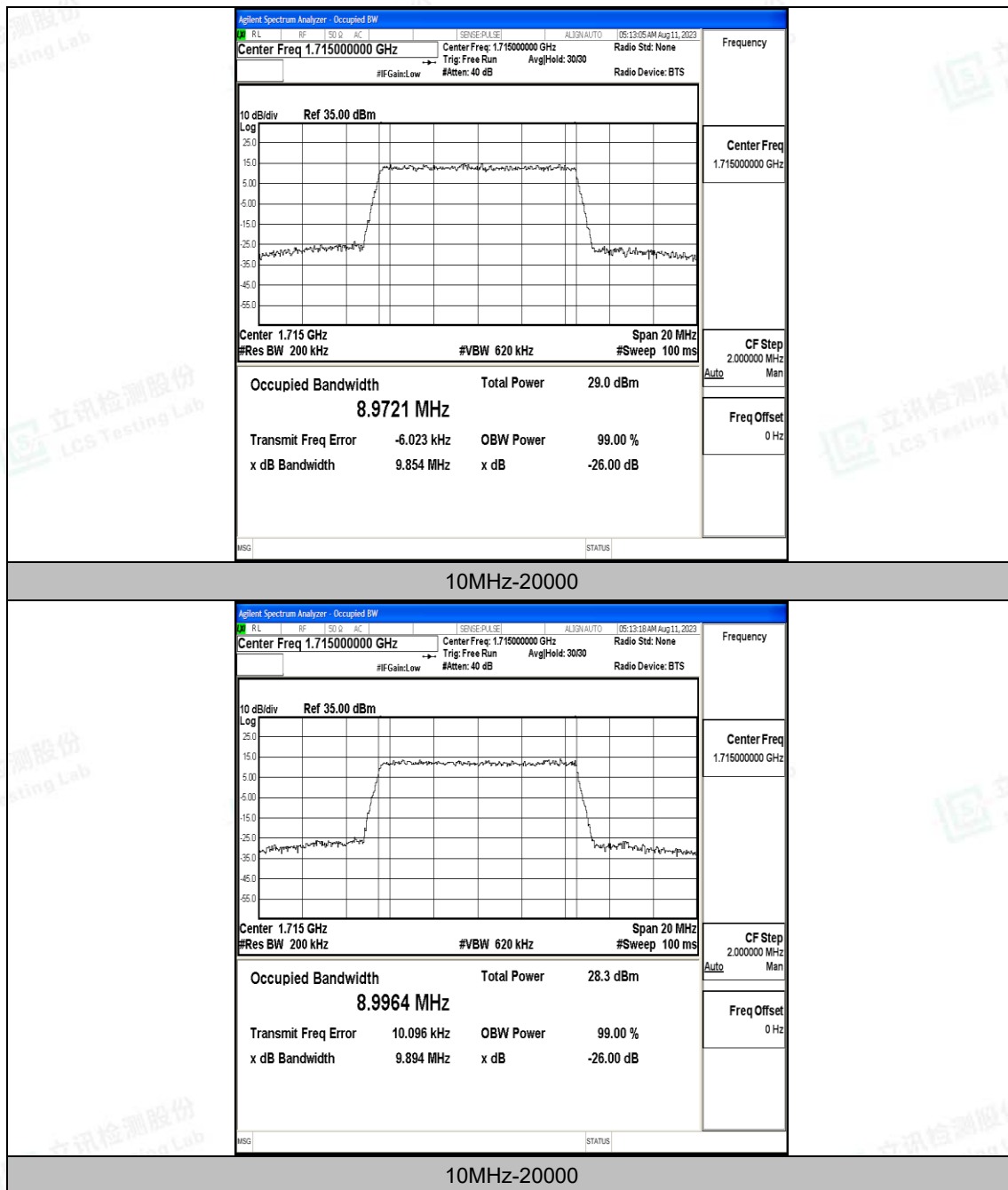
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity







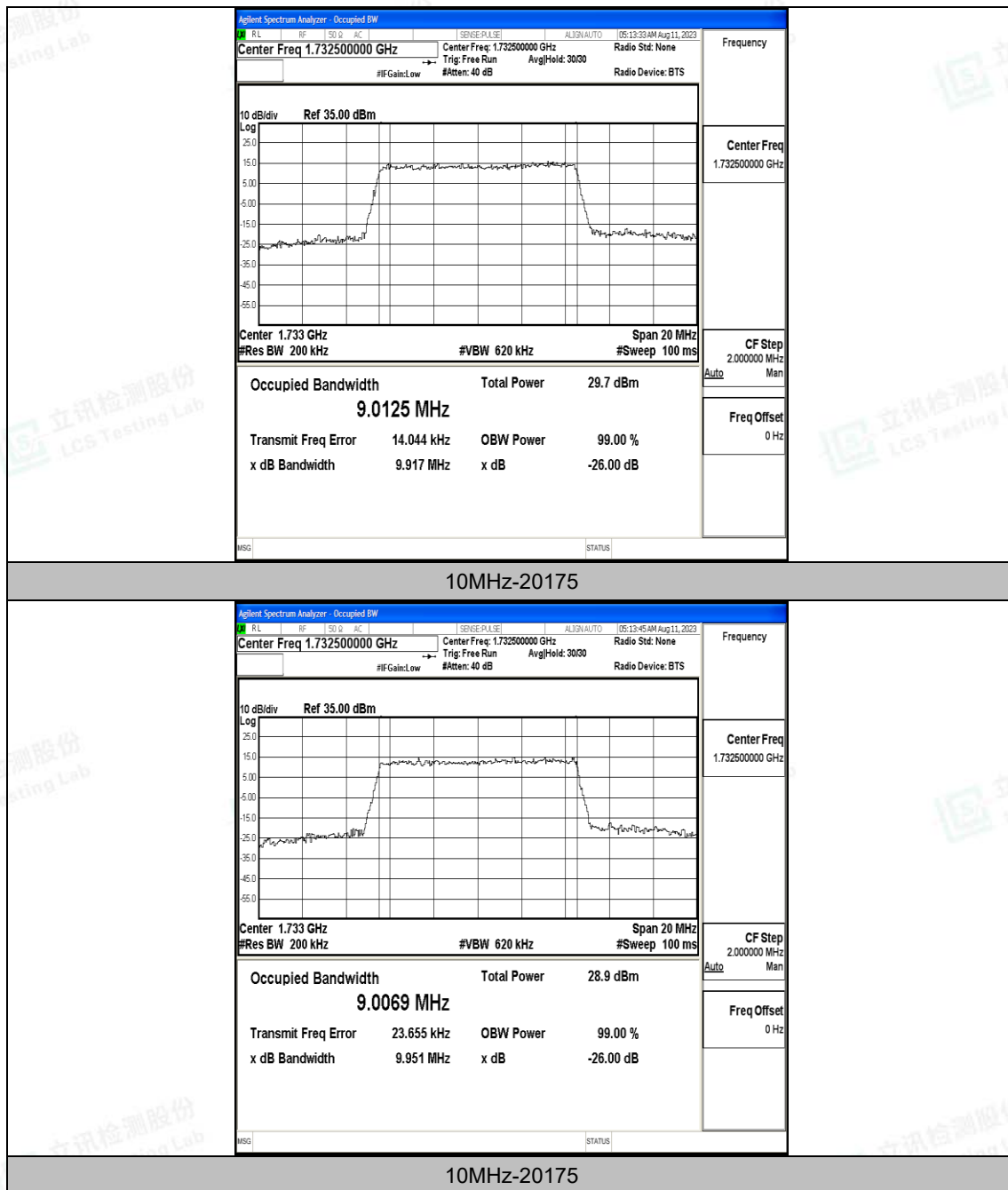


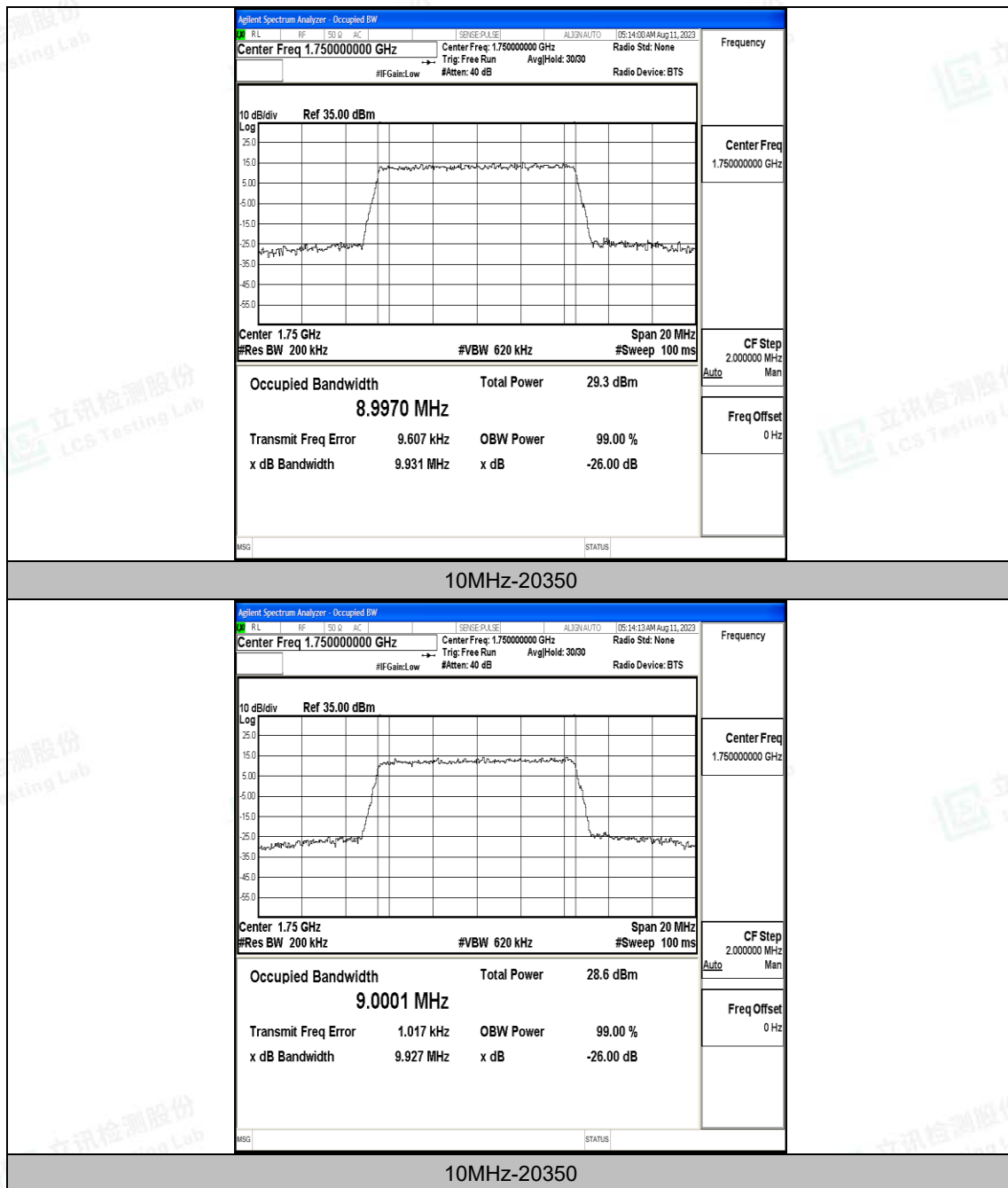
Shenzhen LCS Compliance Testing Laboratory Ltd.

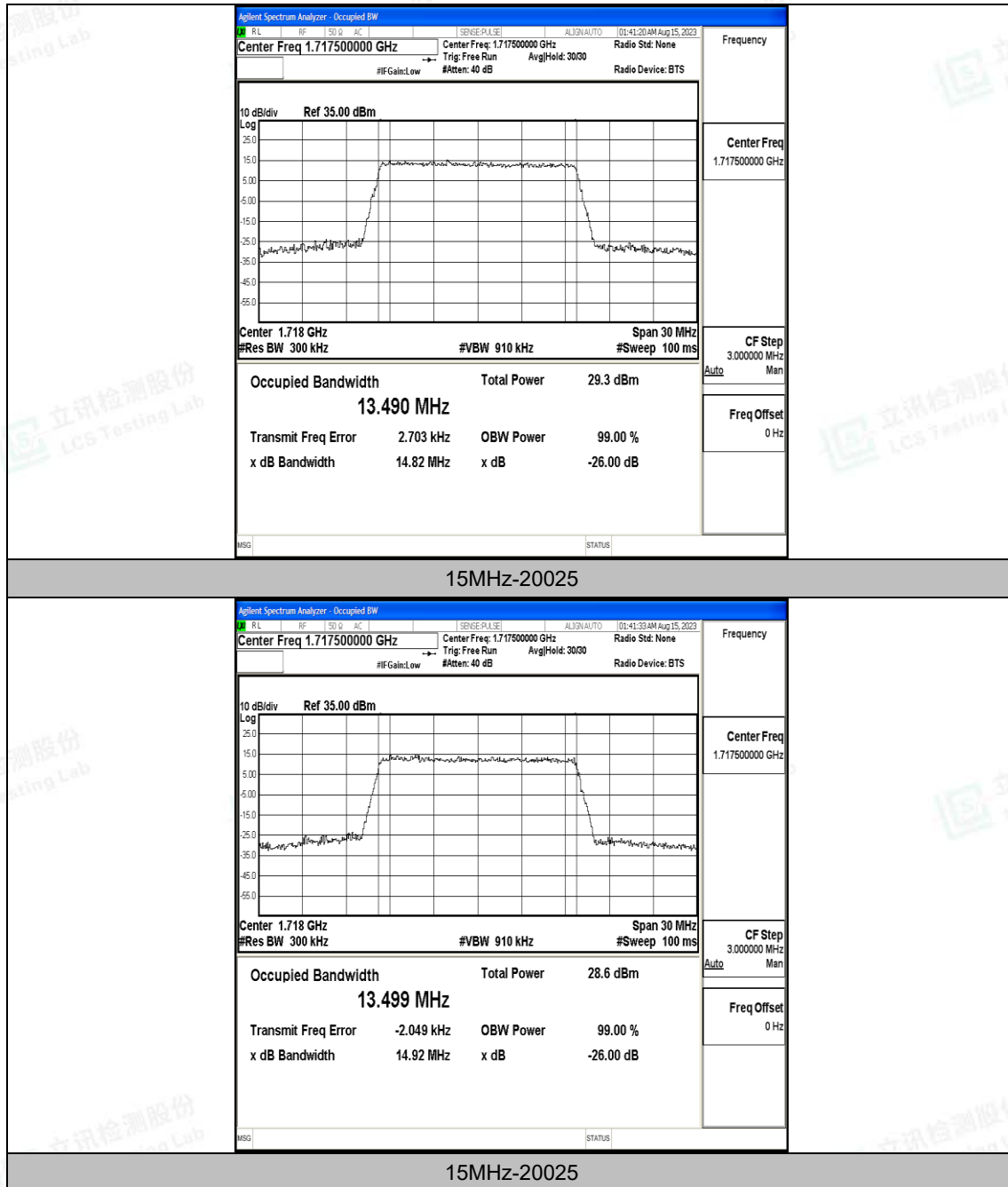
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity





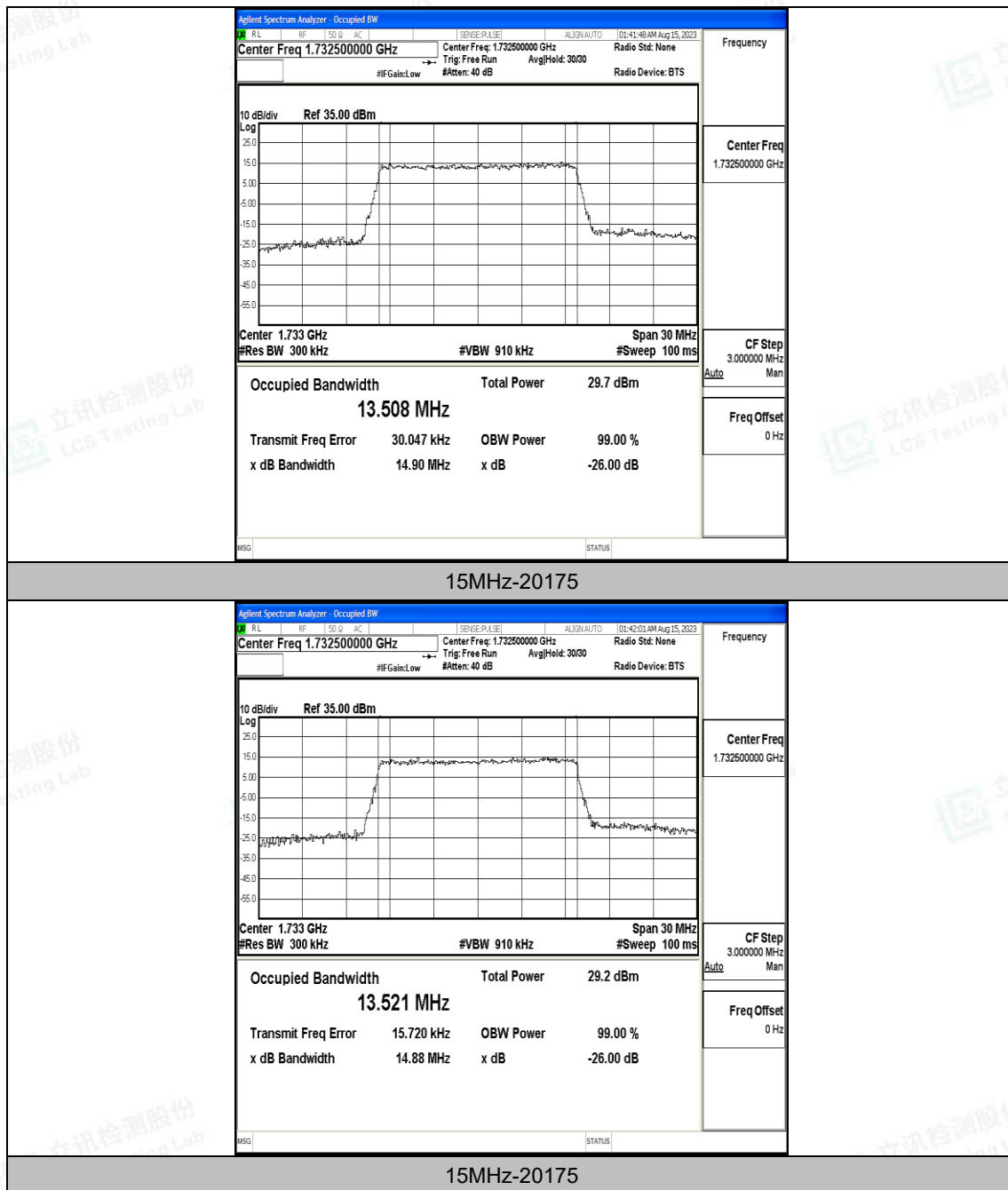


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

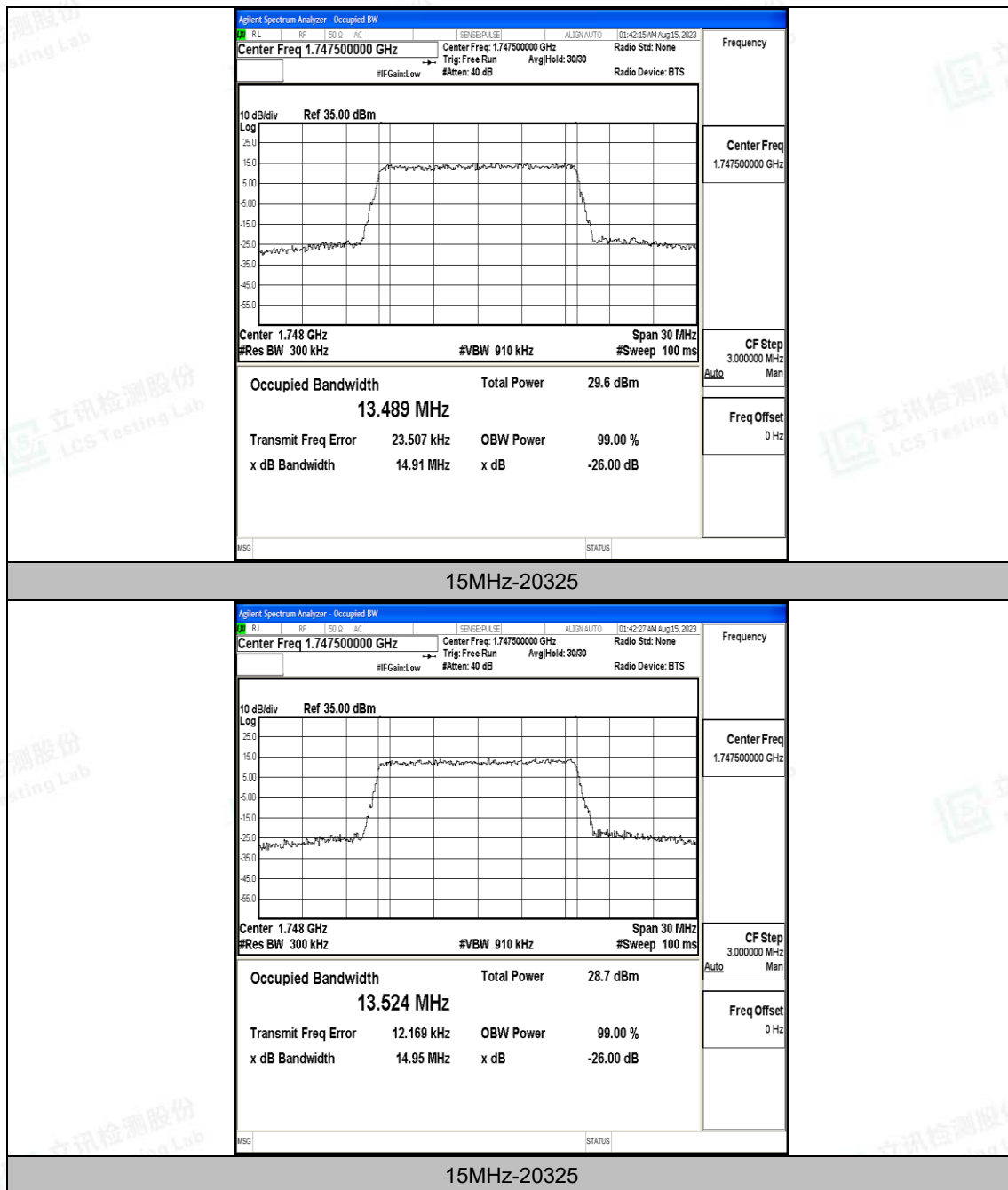


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

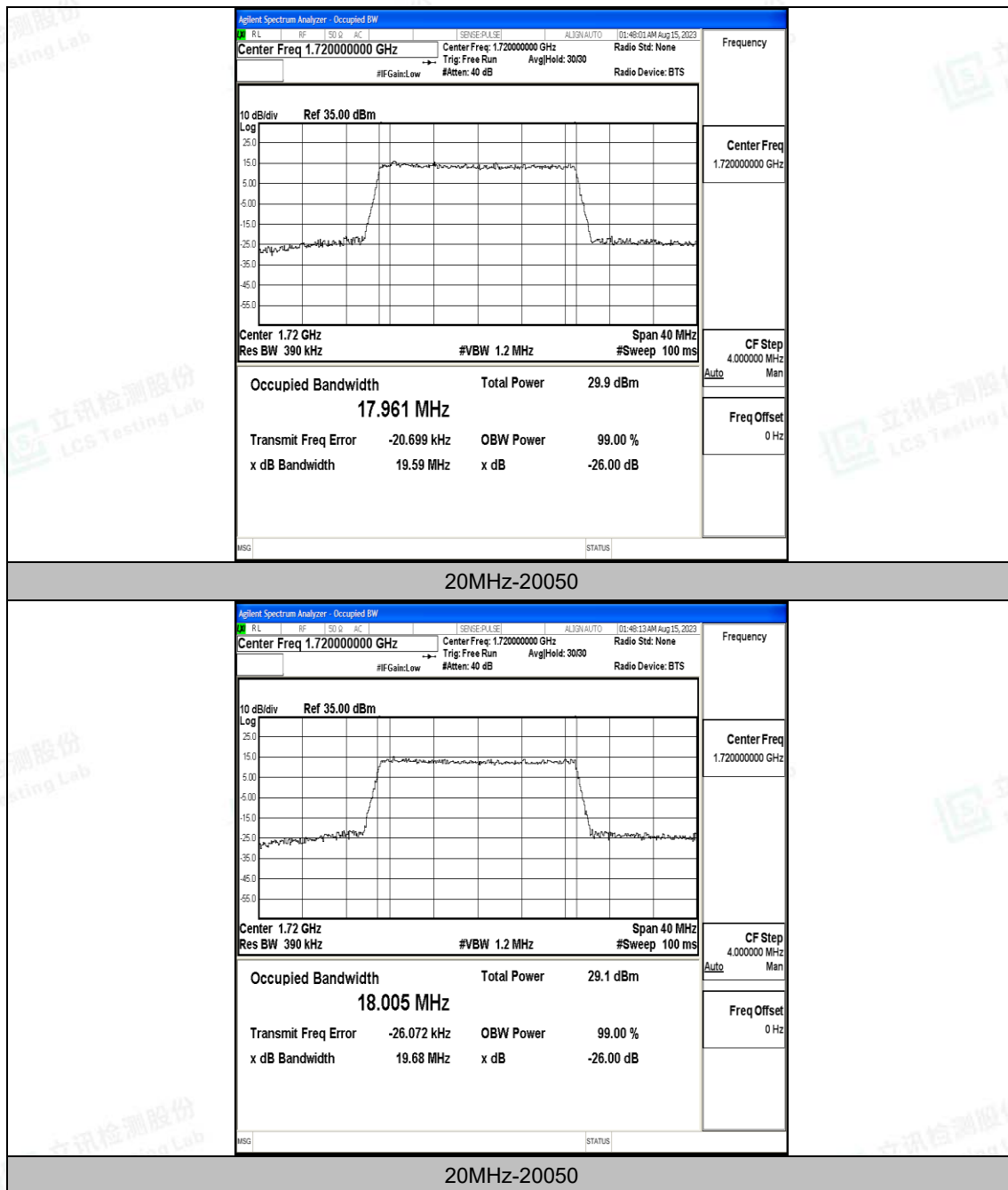


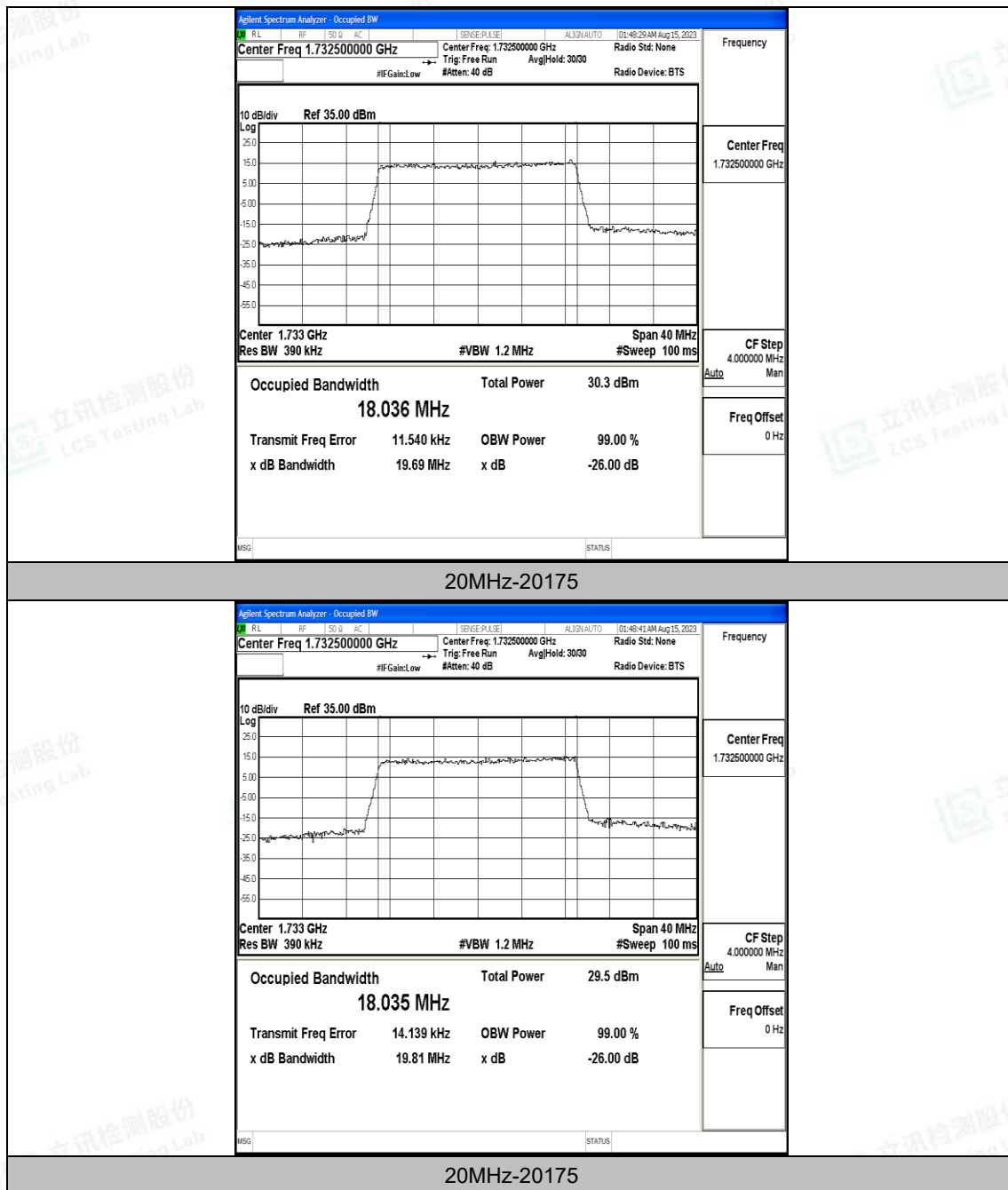
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



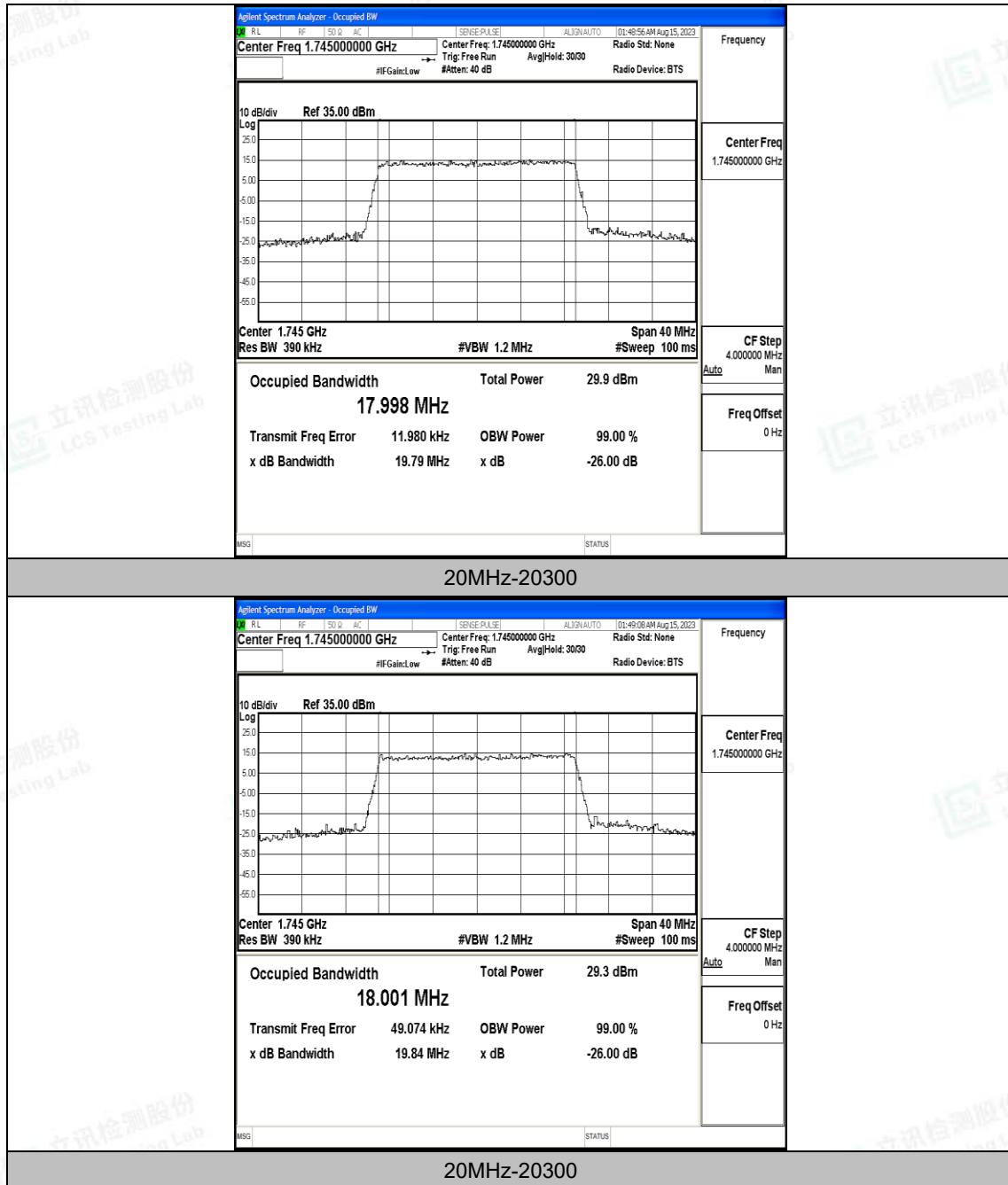


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.00	-45.40	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1709.00	-47.03	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1756.04	-46.54	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1756.09	-48.78	PASS
Band4	3MHz	QPSK	19965	15RB#0	1708.91	-40.54	PASS
Band4	3MHz	16QAM	19965	15RB#0	1708.85	-42.51	PASS
Band4	3MHz	QPSK	20385	15RB#0	1755.00	-25.88	PASS
Band4	3MHz	16QAM	20385	15RB#0	1755.00	-27.97	PASS
Band4	5MHz	QPSK	19975	25RB#0	1708.48	-41.83	PASS
Band4	5MHz	16QAM	19975	25RB#0	1708.54	-42.20	PASS
Band4	5MHz	QPSK	20375	25RB#0	1756.06	-41.35	PASS
Band4	5MHz	16QAM	20375	25RB#0	1756.01	-41.99	PASS
Band4	10MHz	QPSK	20000	50RB#0	1708.86	-41.64	PASS
Band4	10MHz	16QAM	20000	50RB#0	1708.88	-43.05	PASS
Band4	10MHz	QPSK	20350	50RB#0	1756.69	-39.42	PASS
Band4	10MHz	16QAM	20350	50RB#0	1756.18	-40.13	PASS
Band4	15MHz	QPSK	20025	75RB#0	1708.31	-38.74	PASS
Band4	15MHz	16QAM	20025	75RB#0	1708.41	-40.90	PASS
Band4	15MHz	QPSK	20325	75RB#0	1756.15	-35.22	PASS
Band4	15MHz	16QAM	20325	75RB#0	1756.24	-37.70	PASS
Band4	20MHz	QPSK	20050	100RB#0	1708.99	-39.48	PASS
Band4	20MHz	16QAM	20050	100RB#0	1708.95	-41.01	PASS
Band4	20MHz	QPSK	20300	100RB#0	1756.03	-34.34	PASS
Band4	20MHz	16QAM	20300	100RB#0	1756.01	-35.79	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

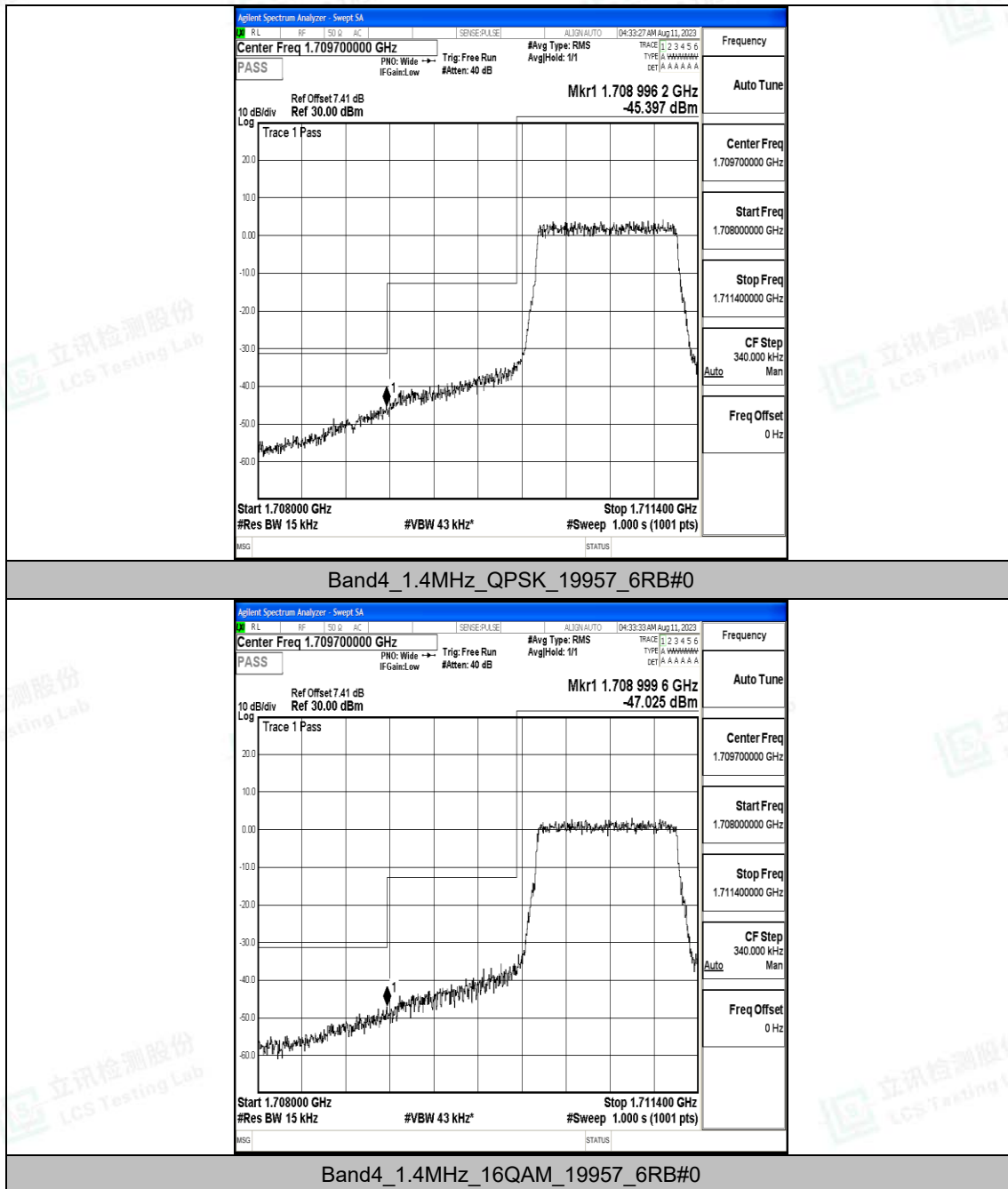
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

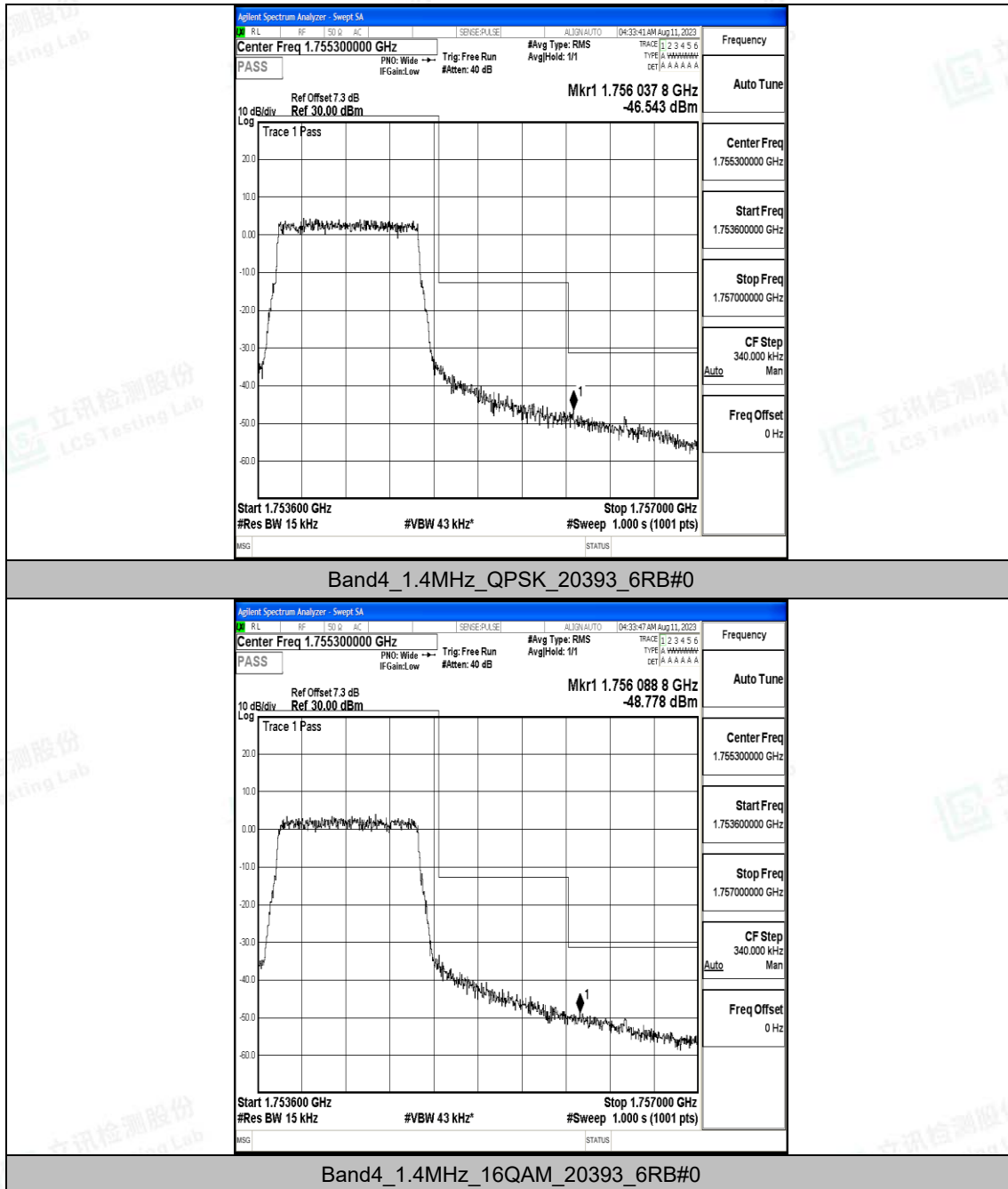
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

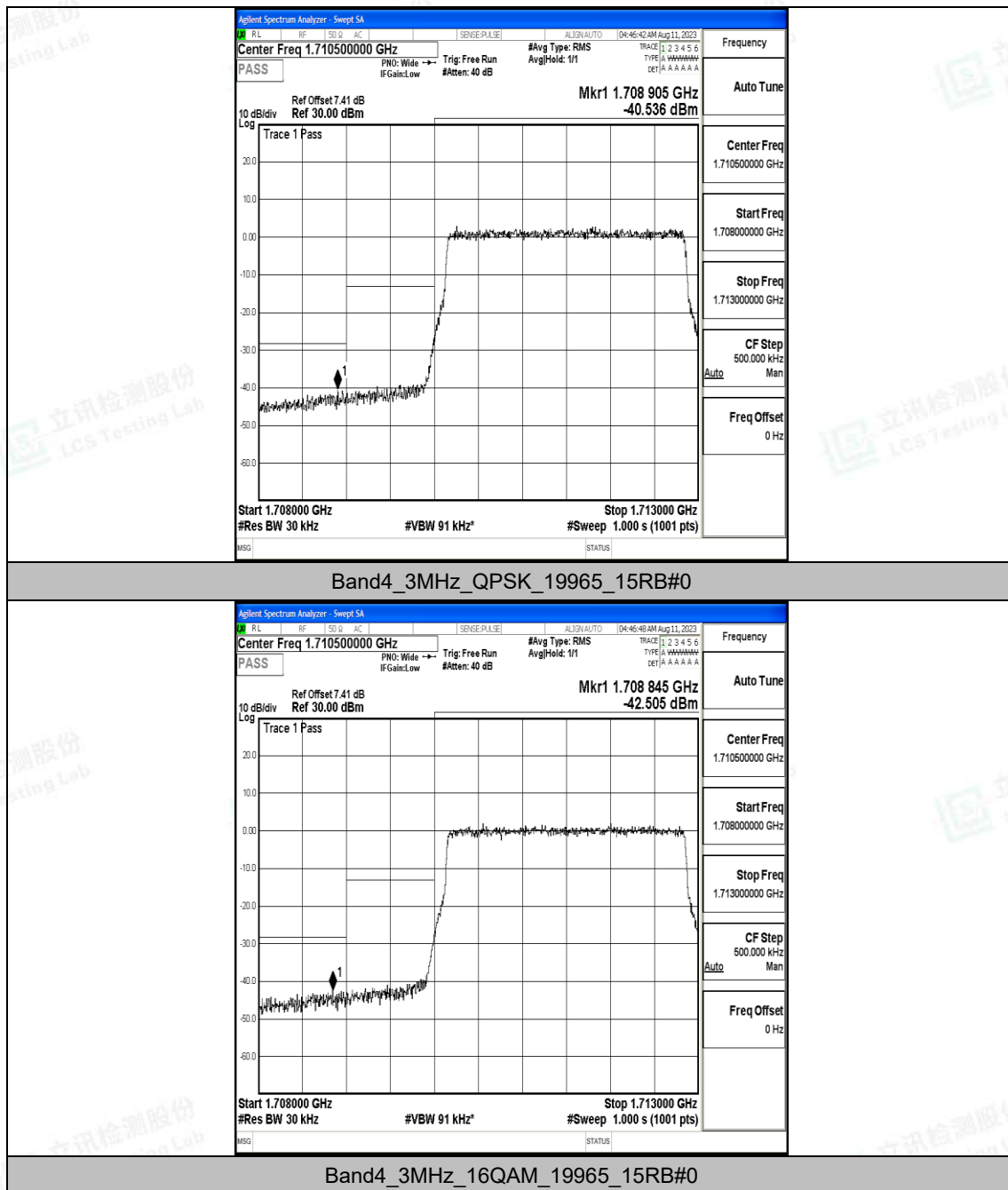
Scan code to check authenticity



Test Graphs





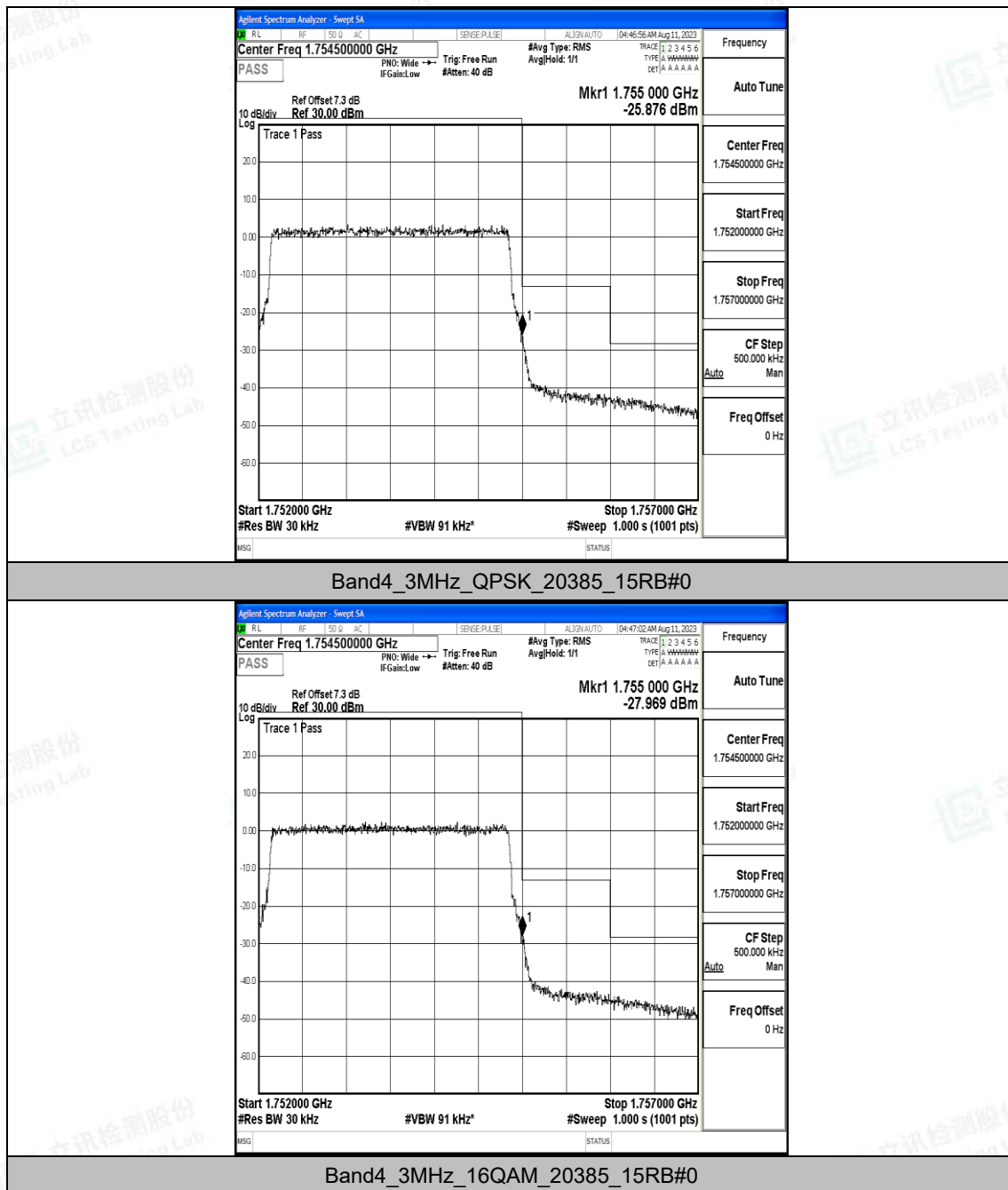


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

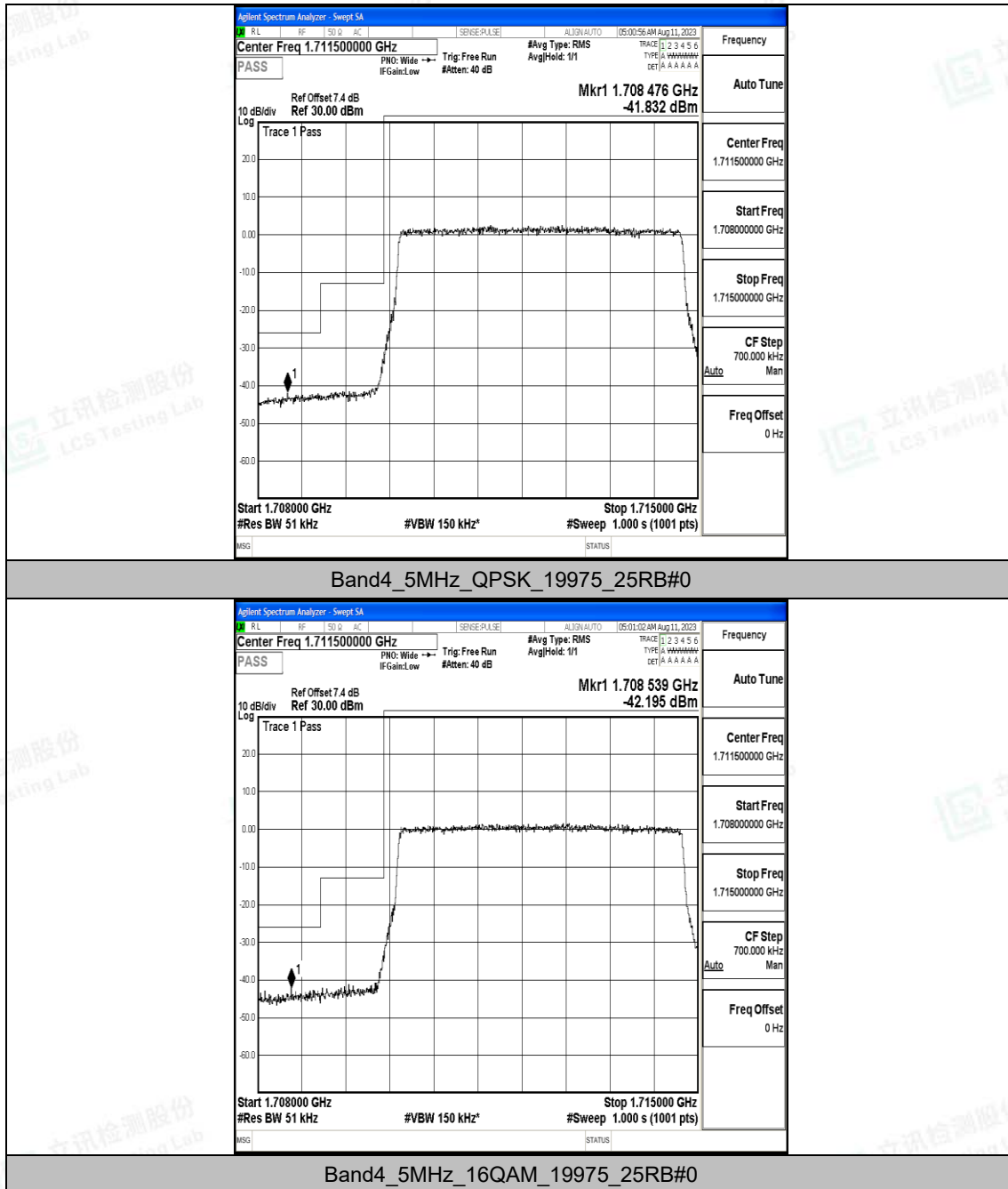


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

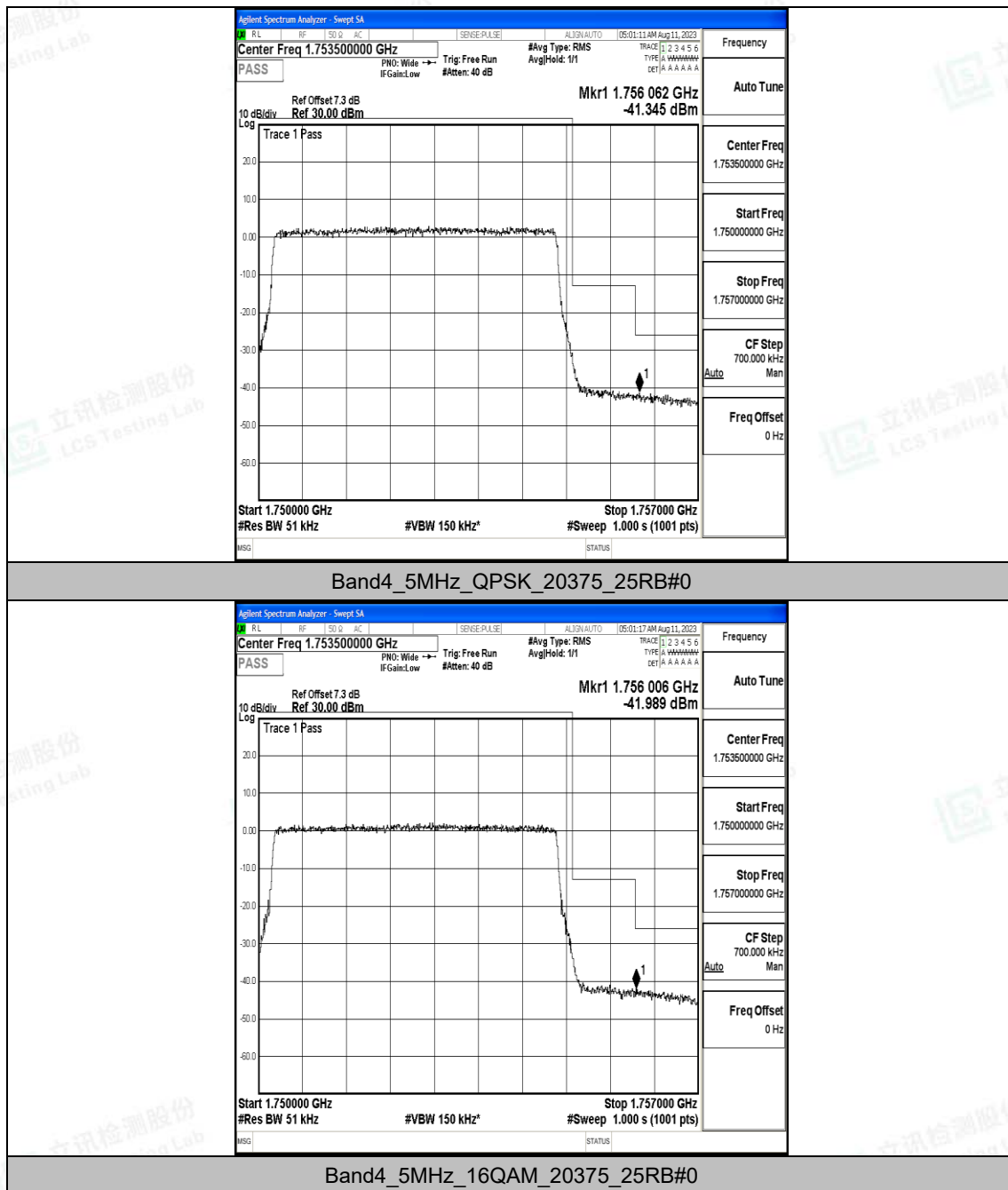


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

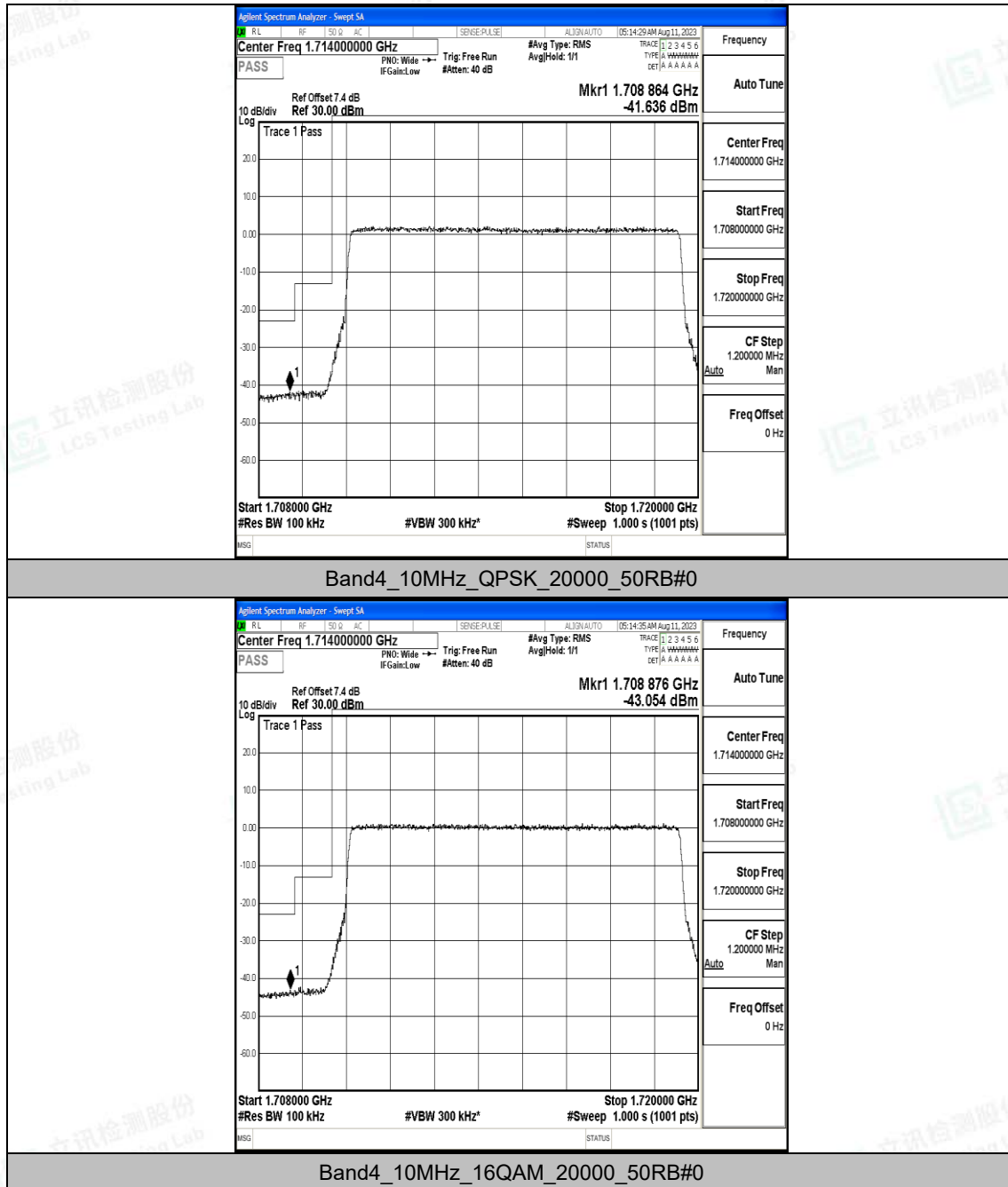


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

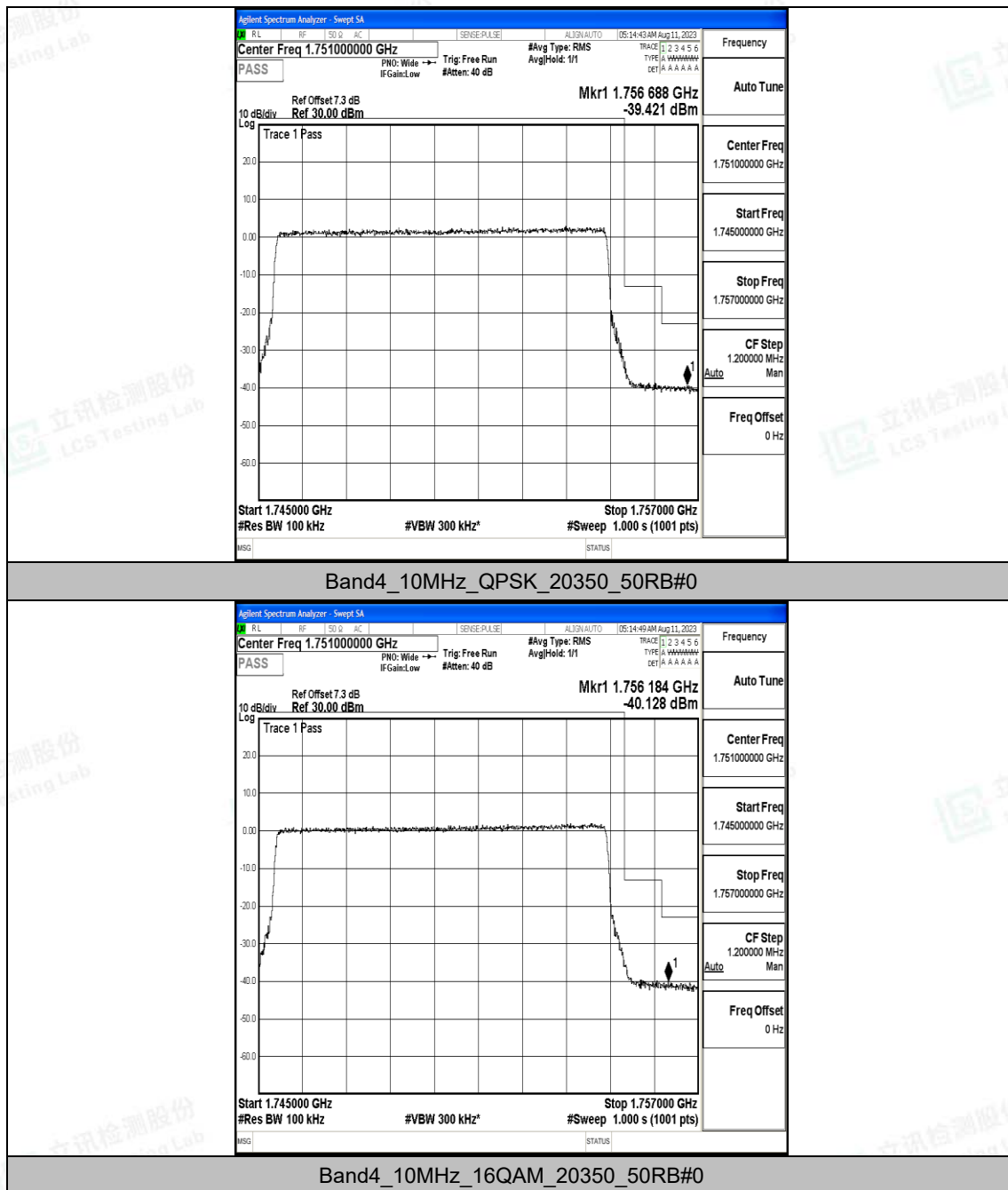


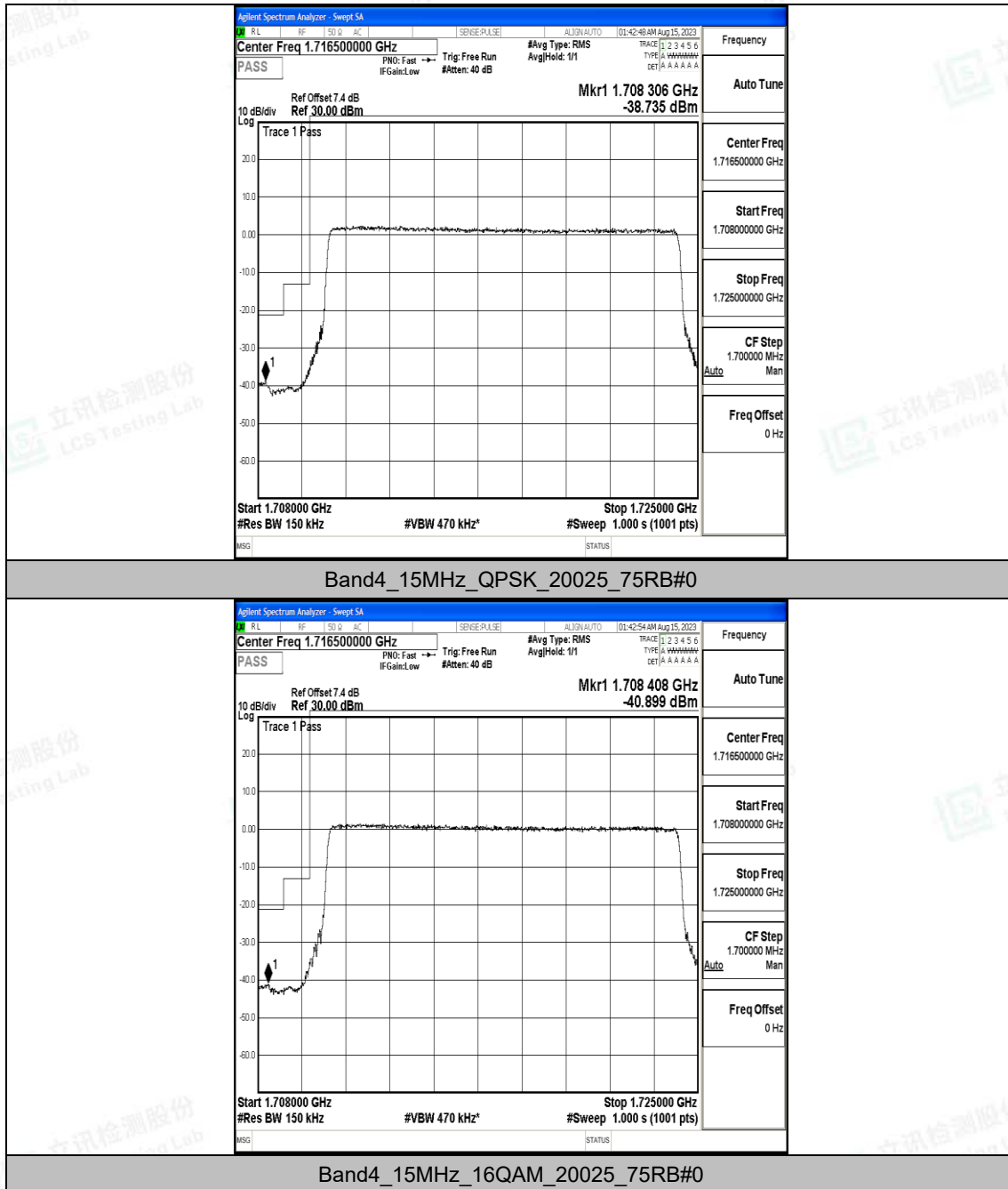
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



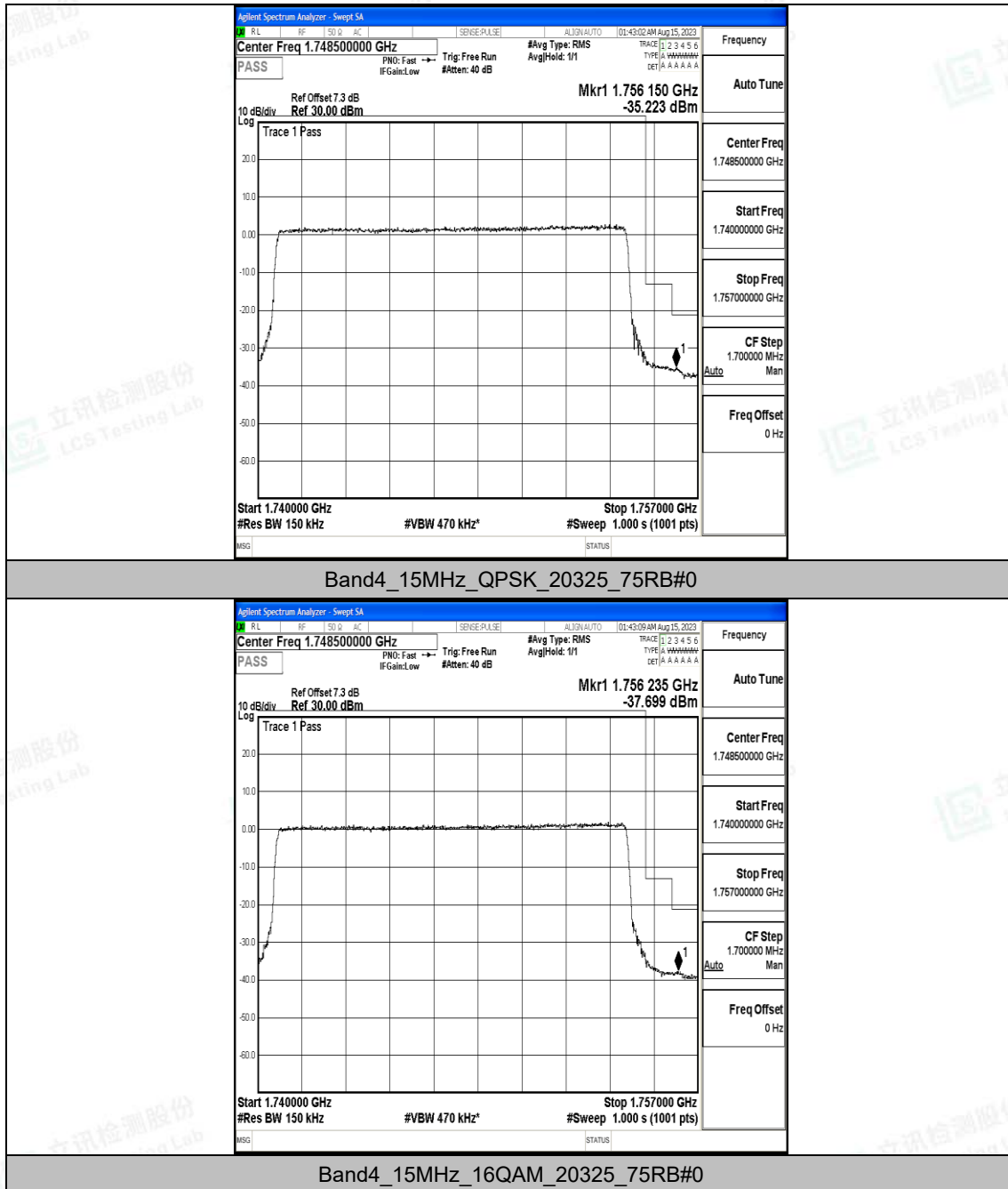


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

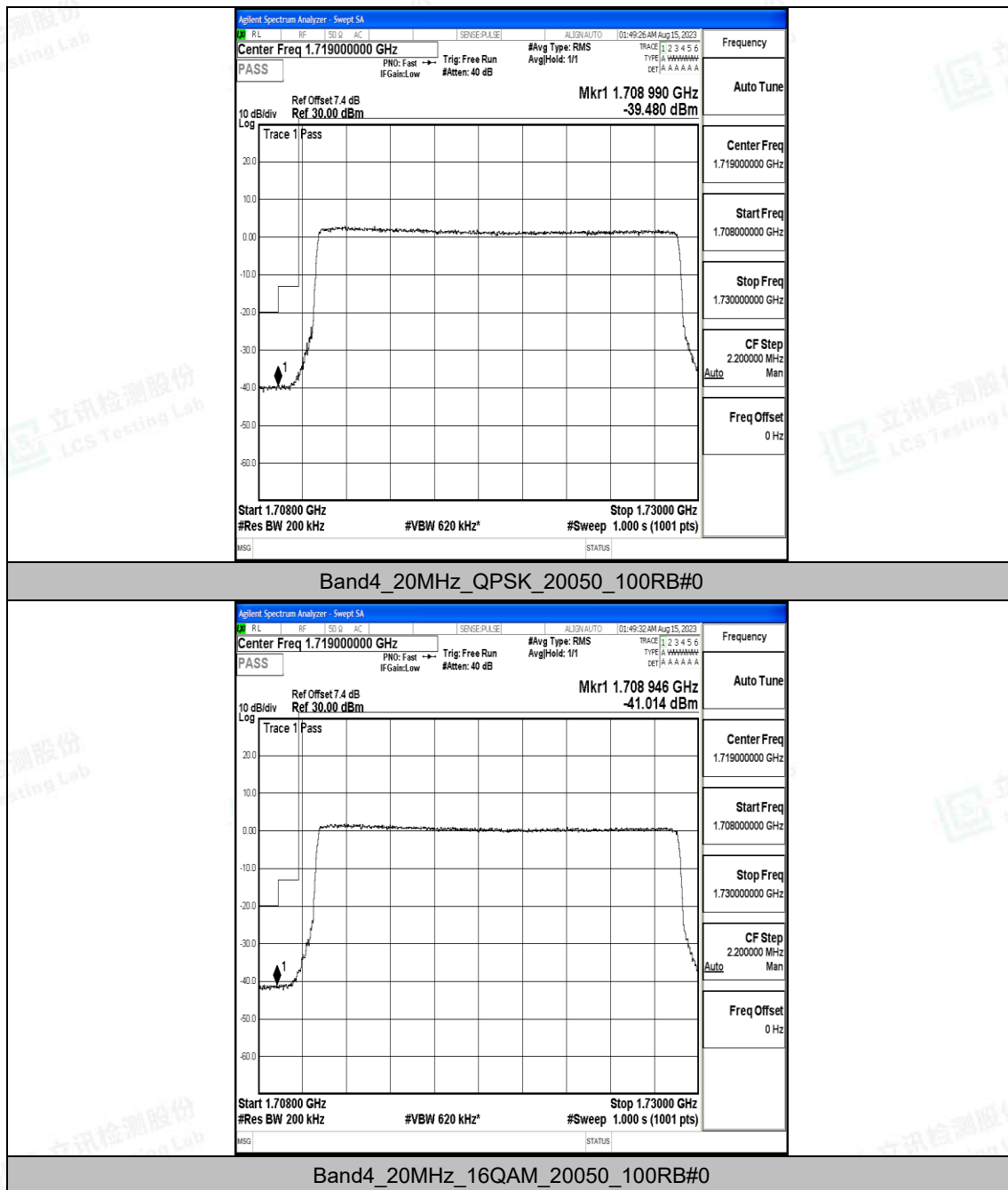


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

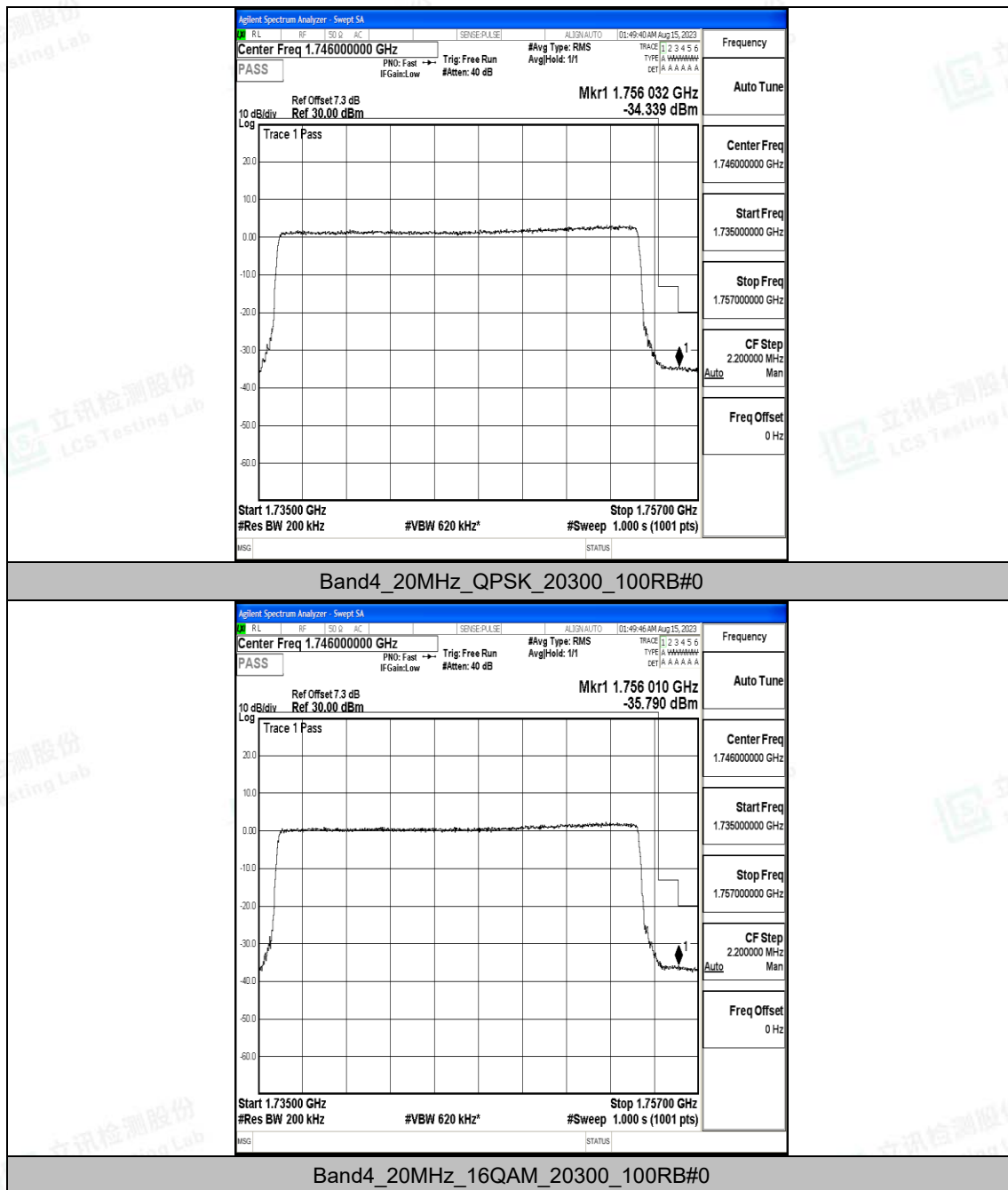


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-65.10	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-52.94	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-53.83	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-45.26	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-33.41	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-62.90	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-53.10	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-53.94	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-45.59	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-33.47	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-63.10	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-54.26	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-53.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-44.32	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-33.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-61.62	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-53.72	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-53.97	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-45.40	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-33.63	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-63.68	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-52.86	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-54.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-44.12	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-33.10	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-64.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-53.68	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-54.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-33.14	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-33.05	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-65.97	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-51.15	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-53.85	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-47.71	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-33.42	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



Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-65.81	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-54.26	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-54.03	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-48.05	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-33.13	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-61.69	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-54.21	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-53.91	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-47.20	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-33.34	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-63.84	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-51.95	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-53.97	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-47.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.39	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-62.45	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-51.36	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-53.90	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-46.14	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-33.35	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-63.33	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-52.72	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-53.85	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-47.47	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-32.94	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-65.90	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-53.33	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-53.97	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-47.93	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-33.69	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-66.85	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-53.69	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-54.07	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-47.95	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-33.08	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-63.29	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-52.84	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-53.88	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-48.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-33.33	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



Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-64.28	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-53.29	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-53.90	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-48.24	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.16	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-64.48	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-50.77	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-53.93	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-48.07	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-32.94	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-65.55	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-52.10	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-53.90	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-48.13	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-33.08	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-63.47	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-53.71	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-54.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-48.25	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-33.46	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-66.34	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-53.74	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-53.93	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-47.71	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-33.50	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-63.94	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-54.87	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-54.01	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-47.60	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-33.08	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-63.69	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-54.84	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-53.96	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-48.09	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-33.45	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-63.15	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-52.27	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-53.93	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-48.02	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-33.30	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



Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-63.83	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-52.37	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-53.86	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-48.08	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-33.52	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-60.76	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-53.41	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-53.82	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-46.88	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-33.31	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-66.29	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-53.14	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-53.74	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-47.94	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-33.32	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-60.77	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-53.28	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-53.85	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-48.10	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-32.77	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-63.68	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-53.24	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-53.84	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-47.96	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-33.34	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-63.36	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-52.13	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-53.85	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-47.71	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-33.27	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-61.84	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-52.21	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-53.76	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-47.99	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-33.35	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-64.41	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-51.54	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-53.92	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-39.46	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-33.27	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



Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-64.85	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-53.43	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-53.87	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-40.35	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-33.42	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-63.34	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-52.65	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-53.86	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-38.60	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-33.38	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-64.81	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-52.44	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-53.86	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-40.56	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-33.31	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-63.48	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-51.98	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-53.92	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-47.61	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-33.27	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-63.54	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-52.96	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-53.79	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-47.95	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-33.06	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

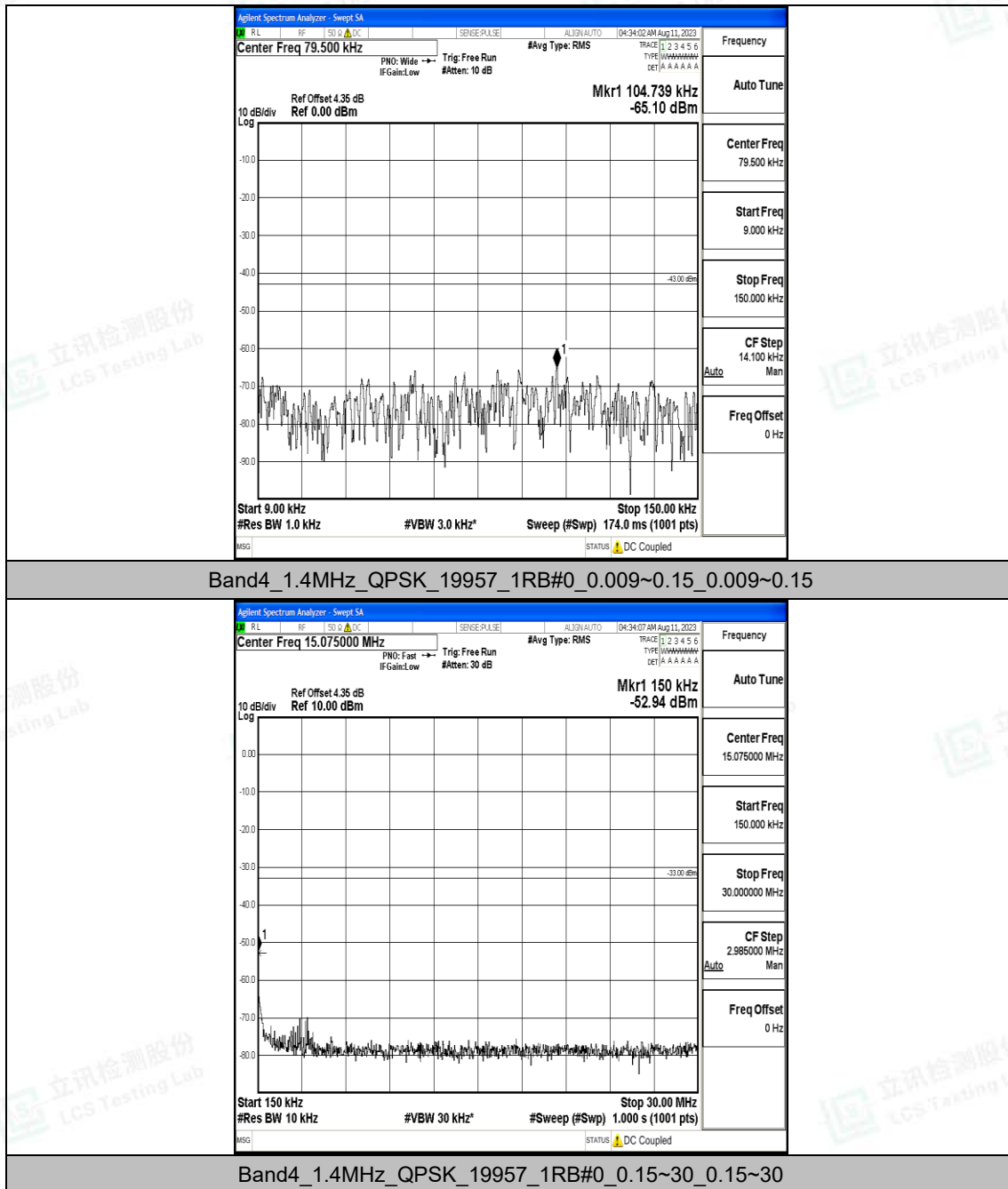
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

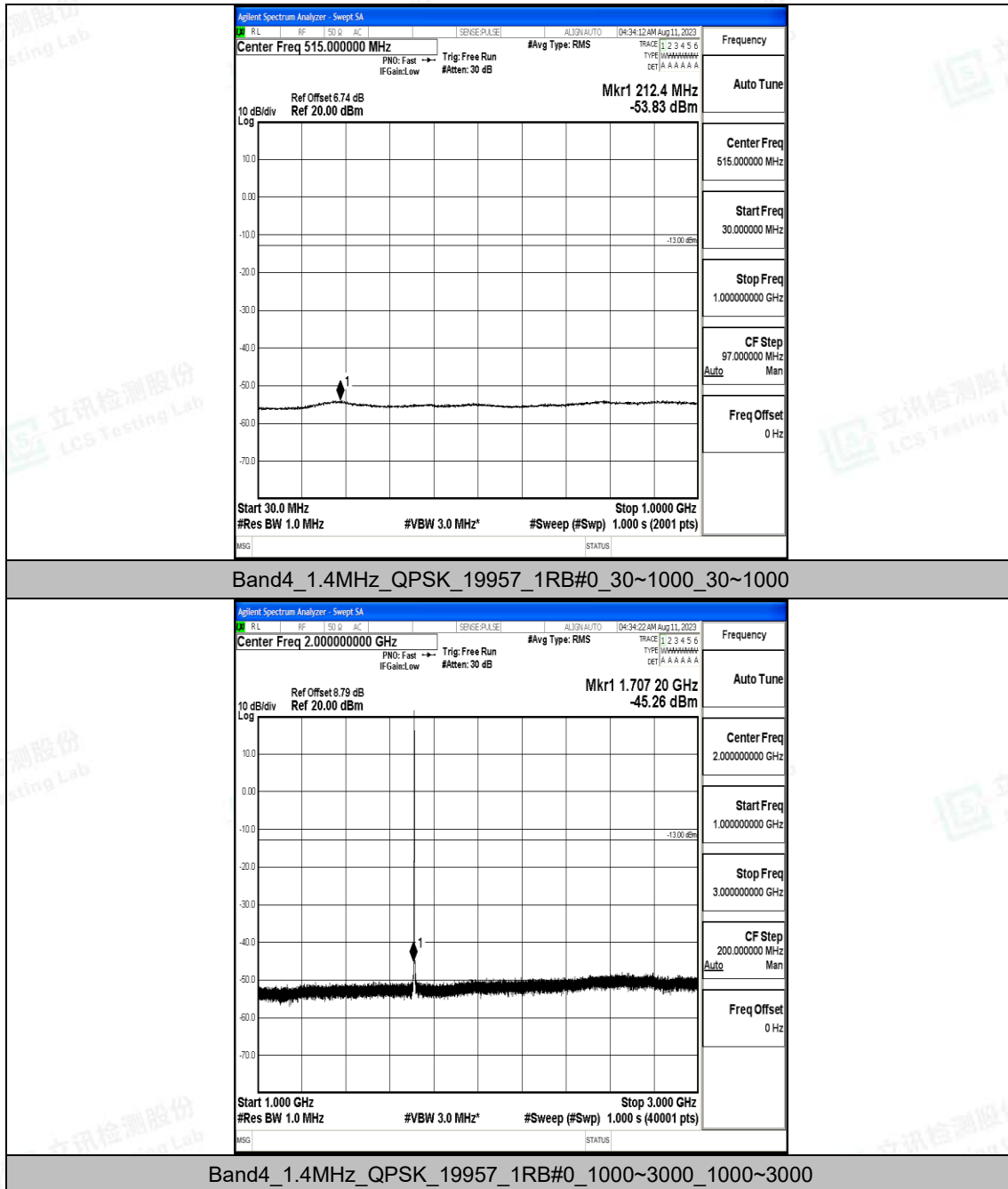


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

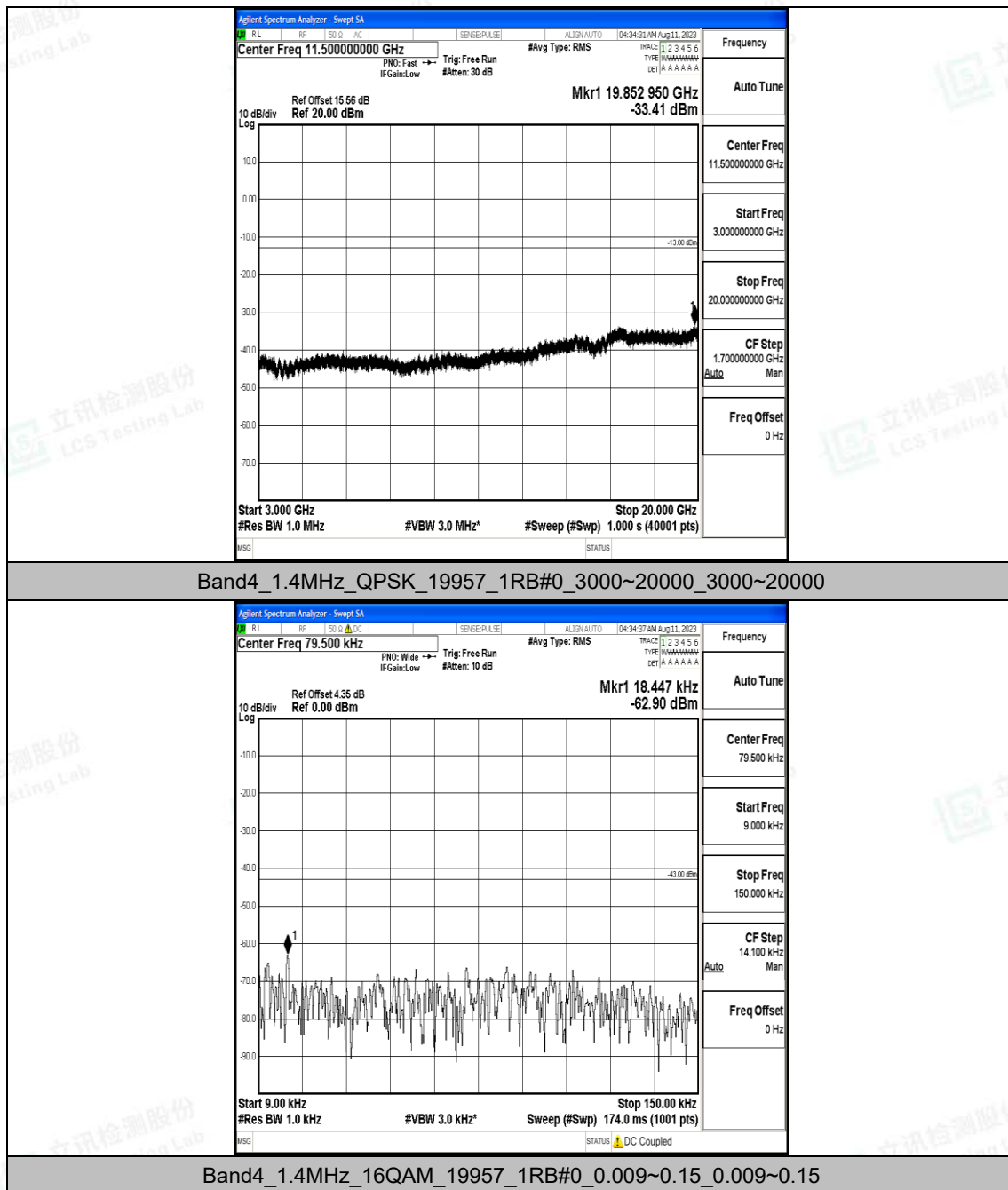


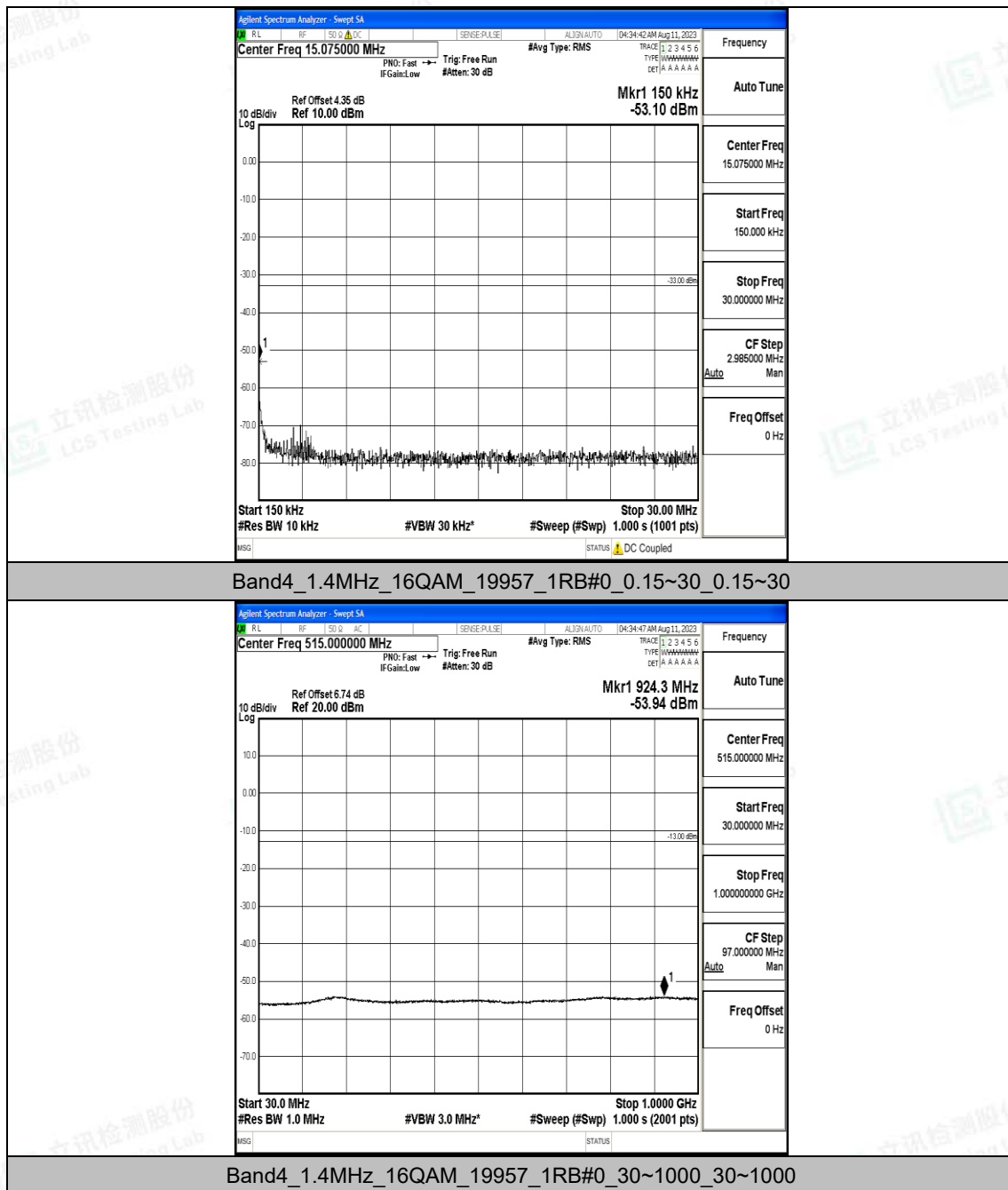
Shenzhen LCS Compliance Testing Laboratory Ltd.

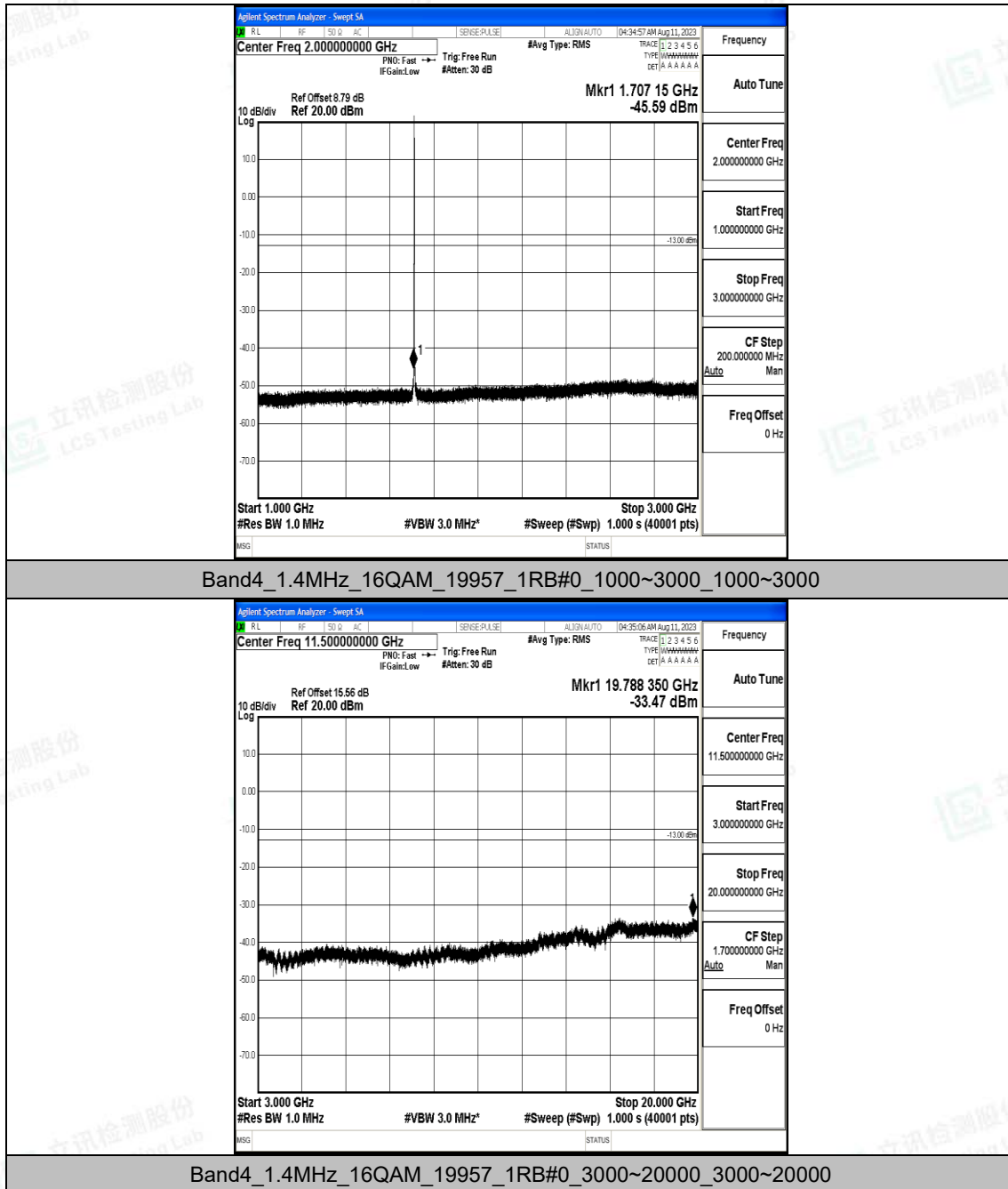
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity





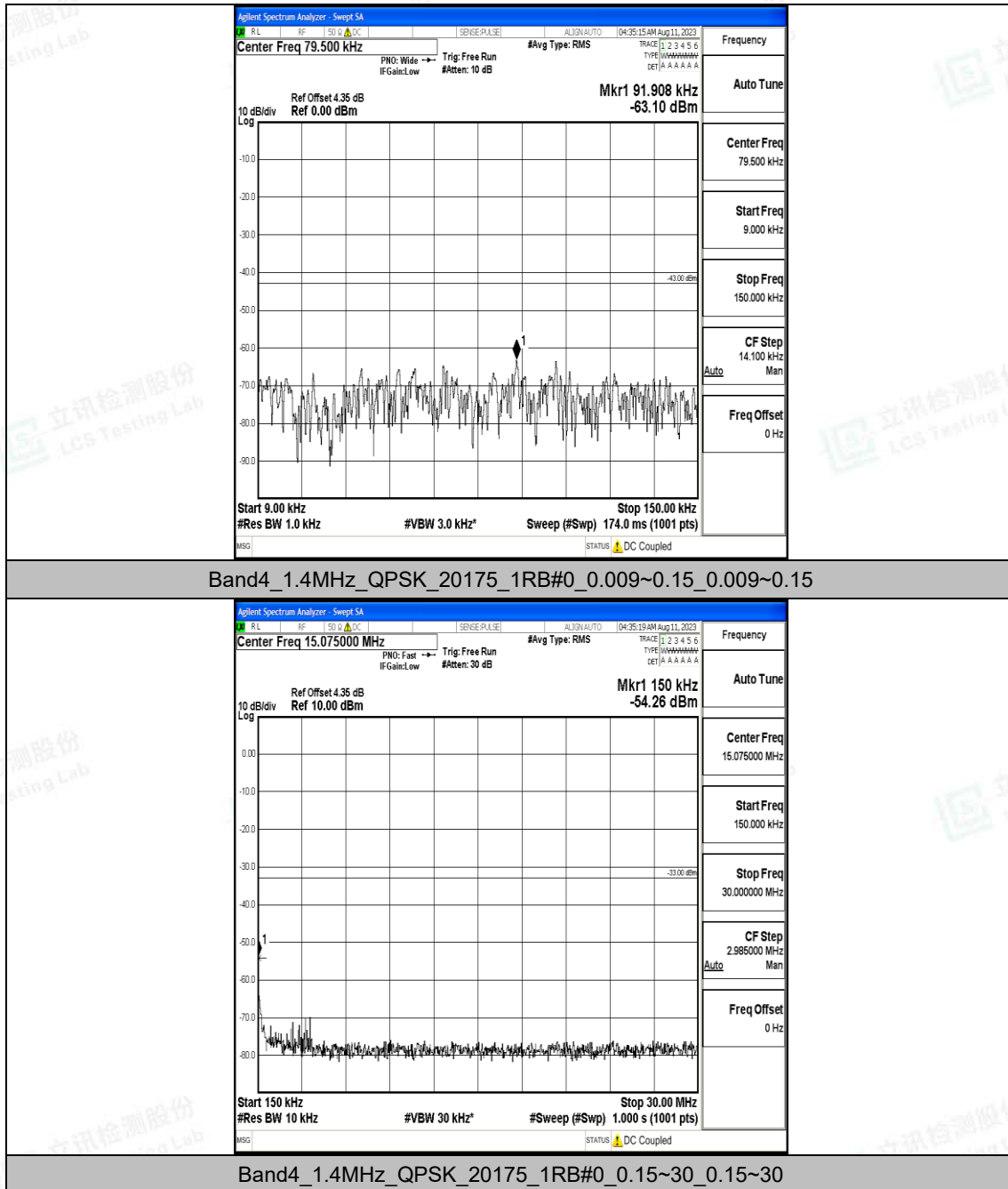


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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