校 准 证 书

CALIBRATION CERTIFICATE

证书编号：J201708037904A11-0001 第 1 页 共 35 页
Certificate No. Page of

委 托 方 Client	深圳市微测检测有限公司
委托方地址 Address	广东省深圳市宝安区西乡街道办兴业路蘅芳工业城厂房东座102A、302A
仪 器 名 称 Description	3米法半电波暗室（NSA）
型 号/规 格 Model/Type	FSAC318
制 造 厂 Manufacturer	常州中硕电子有限公司
出厂编号 Serial No.	------
管 理 号 Asset No.	------
校准日期 Date of Calibration	2017年08月23日 Y M D
样品接收日期 Date of Receipt	2017年08月23日 Y M D
批准人： Approved Signatory	（主任）
审 核： Inspected by	
校 准： Calibrated by	

证书专用章
（Stamp）

地址： 广东省广州市黄埔大道西平云路163号
Address：No.163.Pingyun Rd, West of HuangPu Ave.Guangzhou.Guangdong.China
计量校准机构备案号（The record number）：[2012]粤量校S003号
联系电话（Tel.）：020-38699960,66830999,400-602-0999
传真（Fax）：020-38698685 邮政编码（Postcode）：510656
网站（Website）：http:// www.grgtest.com 电子邮件（E-mail）：grgtest@grgtest.com

校 准 说 明
DIRECTIONS OF CALIBRATION

1. 本实验室出具的数据均可溯源至国家计量基准和国际单位制(SI)。
(All data issued by GRGTest are traced to National Primary Standards and International System of Units(SI).)

2. 本结果仅对当次被测样品有效，如有疑问请在15个工作日内反馈。(The result is ONLY valid for the tested sample, please feedback to us within 15 working days if you have any question.)

3. 本证书编号具有唯一性，后缀若带有“-Gx”的证书为替换证书，自发出后原证书即刻作废。
(Each certificate has a unique number. The suffix of "-Gx" will be added to the number as a replacement of the old version. The original certificate will be officially invalid once the new certificate number is issued.)

4. 证书中如有最大允许误差、判定结果，仅供参考，其中“P”代表“合格”，“F”代表“不合格”。证书中结论判定是指测得值是否符合规定要求的限定值，而使用人员还应结合实际测量要求，评估校准结果测量不确定度对符合性评定的影响。(MPE & judgement result in the datasheet is only for reference , "P" represents "Pass" and "F" represents "Fail".The judgement is made on the basis of whether the measured value conforms to the limited value specified in the regulation, whereas users should evaluate the effects of measurement uncertainty of calibration results on conformity determination associated with actual measurement.)

5.本次校准的技术依据及CNAS认可范围，超出范围的内容未被认可。注：详细的认可范围请查看CNAS网站中注册编号为L0446的证书附件。(Reference document and accredited scope by CNAS for calibration，beyond which isn't accredited. Please see the attachment of certificate No.L0446 on CNAS website for details.)
CISPR 16-1-4-2012无线电骚扰和抗扰度测量设备和测量方法规范 第1-4部分无线电骚扰和抗扰度测量设备辐射骚扰测试用天线和测试场地
JJF(电子)30805-2007电波暗室校准规范：屏蔽效能:(0~110)dB,14kHz~18GHz;归一化衰减:(0~10)dB,26MHz~1GHz;场地均匀性:(0~10)dB,80MHz~18GHz

6. 本次校准使用的主要测量标准(Main Standards of Measurement Used in the Calibration.)：

名称 / 型号 Description / Model	编 号 Serial No.	证书编号 Certificate No.	证书有效期 Due Date	技术特征 Technique Character
网络分析仪/E5071C	MY46521868	J201601041041-550-0001	2017-09-01	300kHz~20GHz
对数周期天线/VULP9118A	VULP9118A-557	J201609289353-292-0001	2018-01-22	U=1.5dB k=2
对数周期天线/VULP9118A	VULP9118A-556	J201609289353-292-0002	2018-01-22	U=1.5dB k=2
双锥天线/VHBB9124（BBA9106）	9124-714	J201609289353-292-0003	2018-01-22	U=1.5dB k=2
双锥天线/VHBB9124（BBA9106）	9124-713	J201609289353-292-0004	2018-01-22	U=1.5dB k=2

7. 校准地点、环境条件(Place and environmental conditions of the calibration)：

地点 Place	客户三米法半电波暗室	温度 Temperature	22 ℃	相对湿度 Relative Humidity	50 %

8. 建 议 复 校 时 间 间 隔： 3 年，送校单位也可按实际使用情况自主决定。
Suggested calibration interval are 3 years or it can be altered depending on the actual usage of the user.

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Catalog

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1. 测量结果

标准	项目	备注
CISPR16-1-4:2012 第5章节	场地归一化衰减	见注1

注1： 试验结果的判断由测量值与理论值的偏差不大于±4dB。

1.Test results

标准	项目	备注
CISPR16-1-4:2012	NSA	See Note 1

Note 1： Test results is decided by the test data that whether within 4dB .

2.测量场所描述

被测设备名称	3m法半电波暗室
转台直径	1.5m

2.Description of the test site

EUT	3m Semi Anechoic chamber
Turntable diameter	1.5m

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3. NSA测量

3.1 限值

频率范围（MHz）	限值
30 – 1000	测量值与理论值之偏差不大于±4dB

3.Site NSA measurement

3.1 Limit

Frequency range (MHz)	Limit Value
30 – 1000	-4.0 dB ⩽ NSA, dB ⩽ 4.0 dB

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RESULTS OF CALIBRATION

3.3 测量程序

1.不接发射天线和接收天线，将发射天线和接收天线的连接同轴线用直通连接器直接连接起来；

2. 调整信号发生器的输出频率和电平为将要测量的频率和幅值并计入表内。同时记录下用接收机读取的各个频率的幅值VDIRECT；

3. 将发射天线和接收天线按照3.4中的位置要求进行布置；

4. 断开直通连接器，然后将同轴线分别正常接入发射天线和接收天线；

5. 调整信号发生器的输出为步骤2所记录的频率和电平，并将信号馈入到发射天线；

6. 固定发射天线的高度（水平极化时1m和2m；垂直极化时1m和1.5m），然后将接收天线在1m到4m范围内进行升降，升降过程中读取最大值数据并记录为V_{SITE}

7. NSA实测值$A_{N\,meas} = V_{DIRECT} - V_{SITE} - F_{aT} - F_{aR}$（$F_{aT}$—发射天线系数，$F_{aR}$—接收天线系数）

8. 更换测量频率并重复4-6，直到所有要测的频率测量完毕；

9. 按照3.4所示更换发射天线和接收天线的位置，直到所有的位置测试完毕；

10. 统计$A_{N\,meas}$与NSA理论值的偏差是否都在±4dB以内。

3.3 Test Procdure

1、Disconnect the transmit and receive antenna ， and connect cables directly with a straight through adapter.

2、Adjust the output level and frequency of the tracking generator， Record them as the Tested datas into the table, Store or record the resulting voltage display(V_{DIRECT})

3、Placed the transmit and receive antenna in the required location showed as 3.4.

4、Disconncet the Stragiht through adapter,conncet the transmit and receive cables with their antenna

5、Adjust the output level and frequency of the tracking generator as procdure 2 record .

6、Located the height of the transmit antenna(horizontal，1m and 2m ,vertical,1m and 1.5m), Raise the receiving antenna on the mast from 1m to 4m, Record the maximum signal level. This value is VSITE .

7、the measured NSA AN meas = V_{DIRECT}–VSITE- FaT–FaR（FaT—Transmit antenna factors，FaR—Receive antenna factors)

8、Adjust the test frequency and repeat 4-6,until all tests are complete

9、replace the transmit and receive antennas in the required location showed as 3.4.,until required locations are all tested.

10、Compare AN meas to theroy at each frequency,check if the results are less than ±4 dB

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3.4 测量布置
3.4 Test arrangement

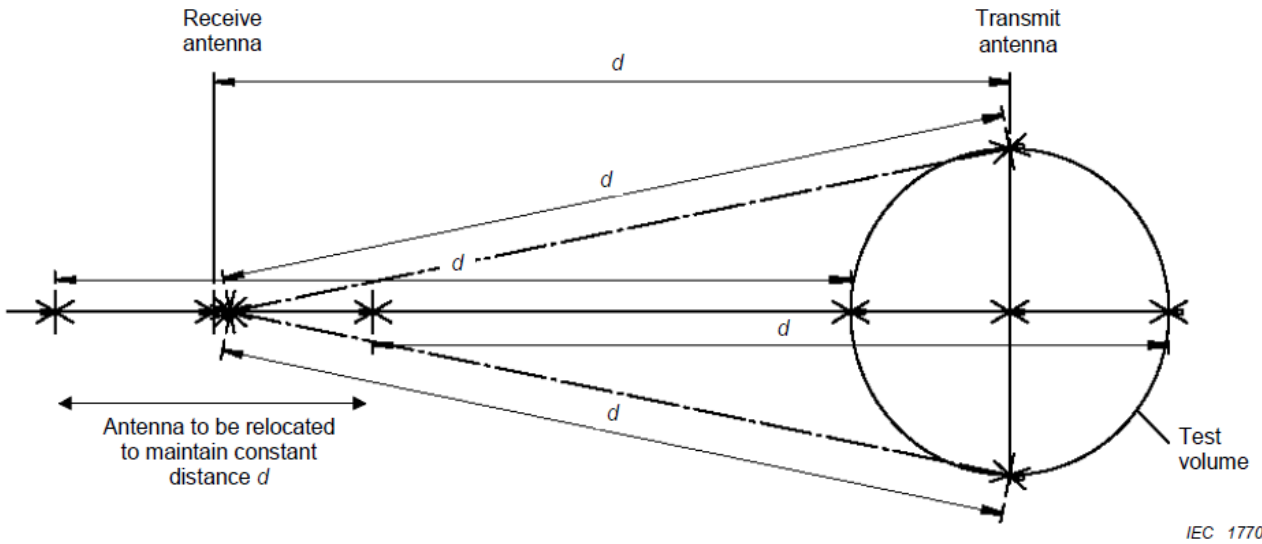

Figure 6a – Typical antenna positions for alternative test site – Vertical polarization NSA measurements

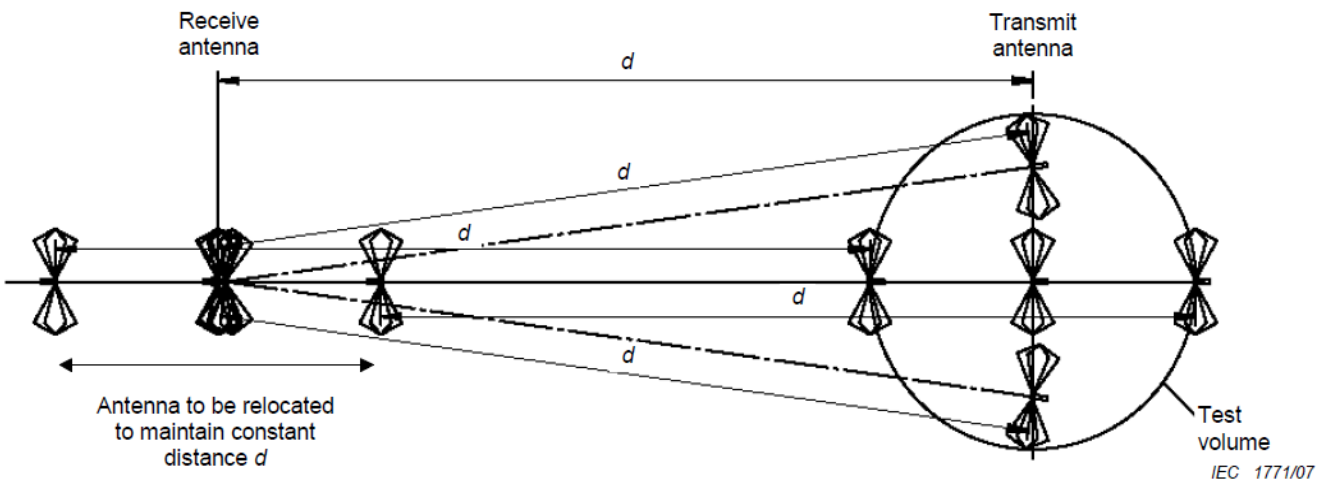

Figure 6b – Typical antenna positions for alternative test site – Horizontal polarization NSA measurements

The vertical and horizontal polarization measurements in the rear position may be omitted if the closest point of the construction and/or absorbing material is at a distance greater than 1 m from the rear boundary of the test volume.

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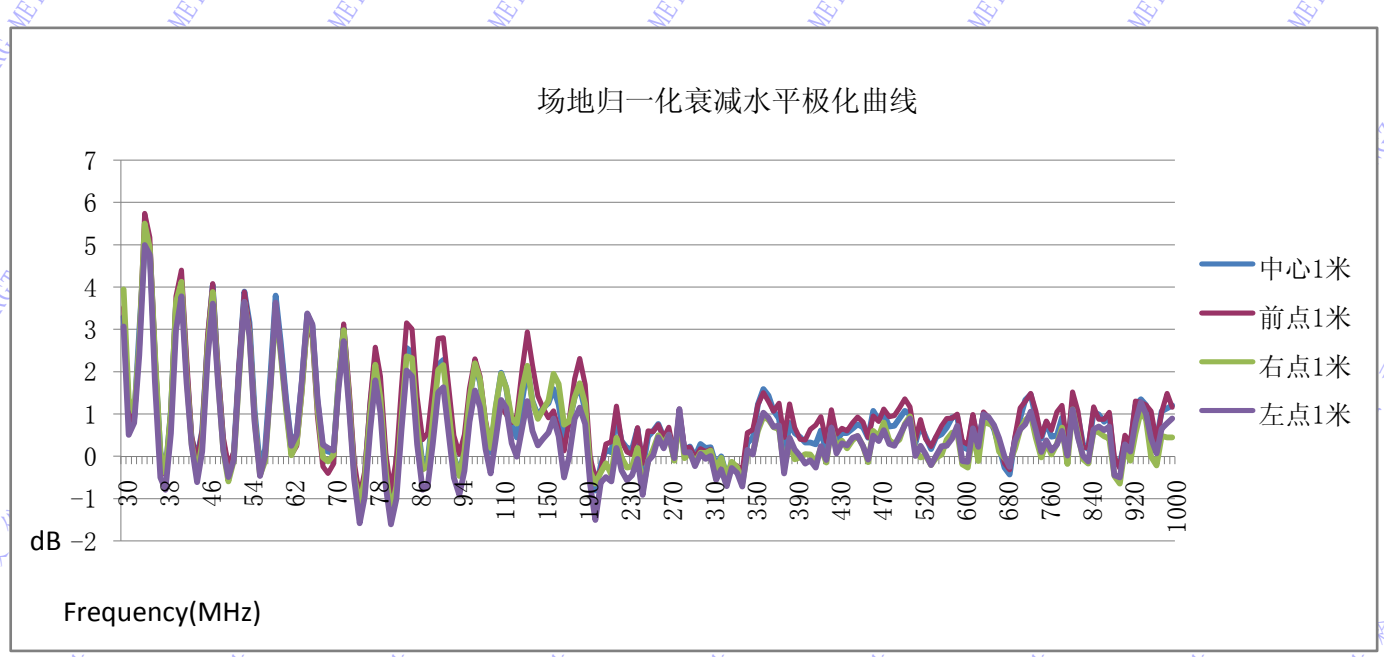
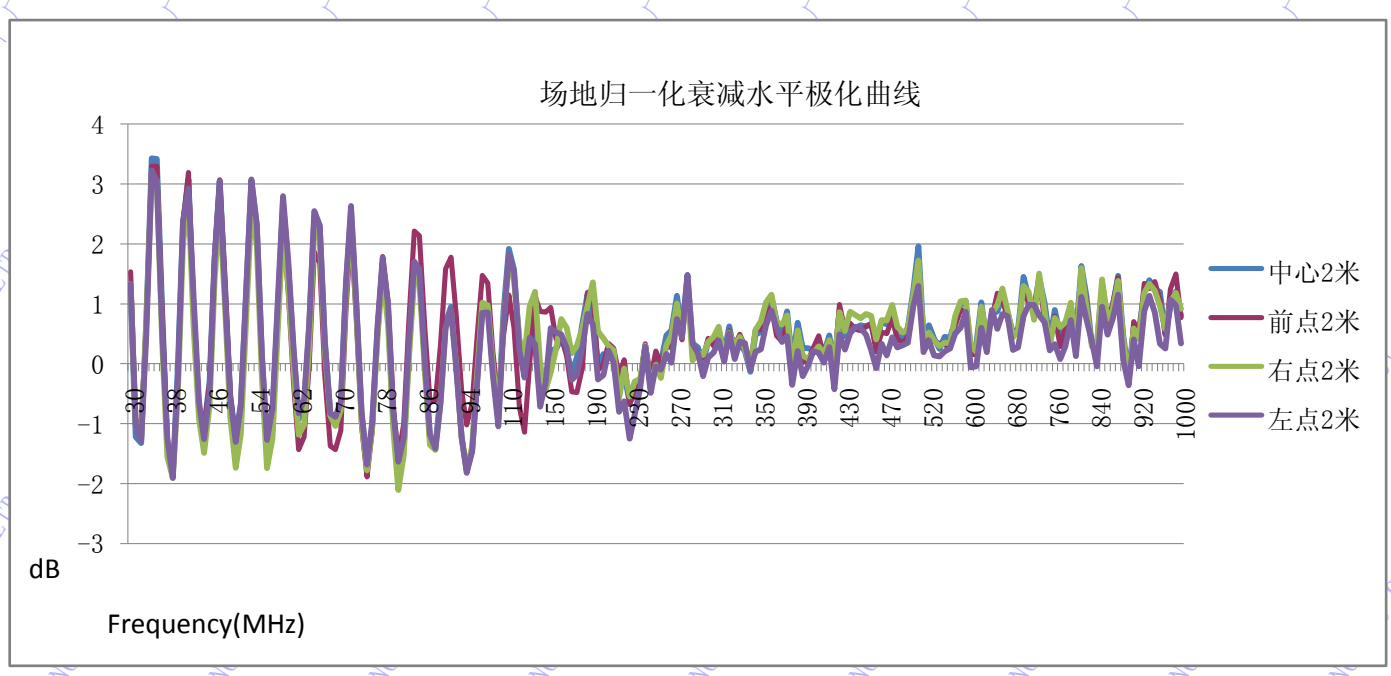
3.5 测量结果

3.5 Test Result

水平极化方向偏差曲线

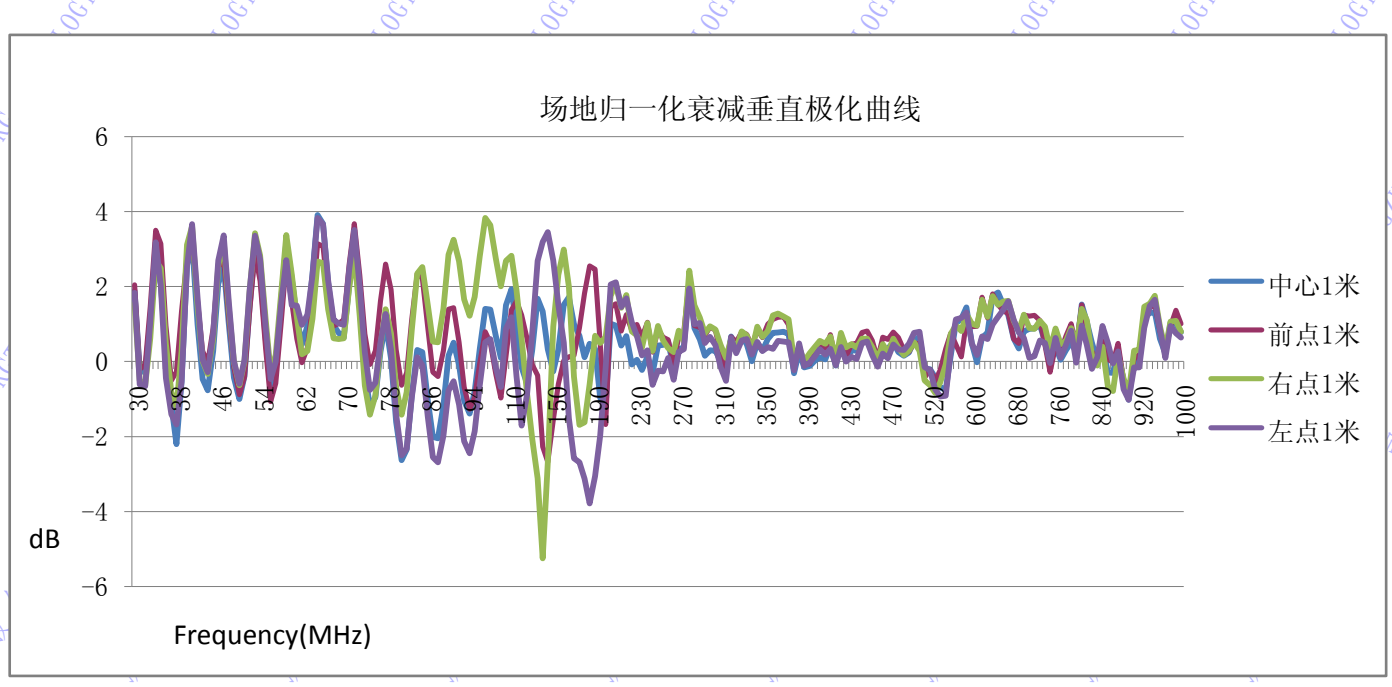
Horizontal NSA graph

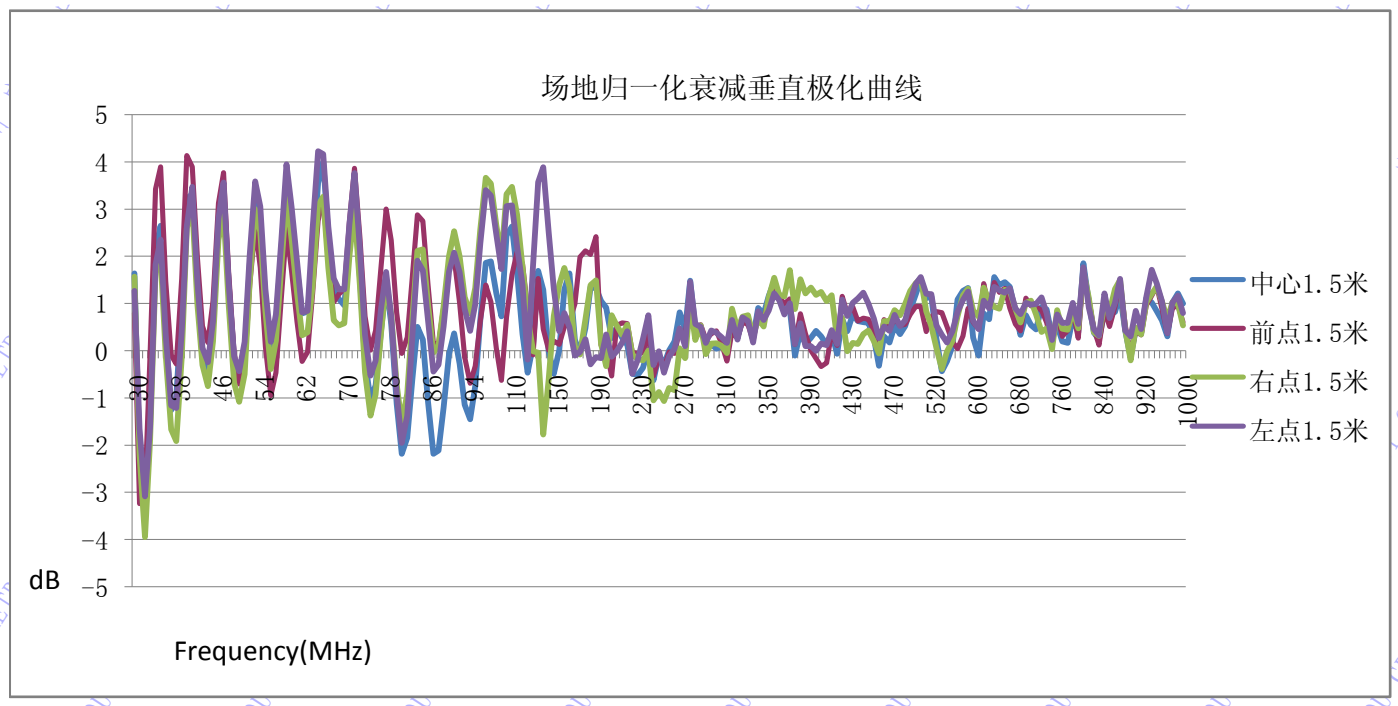




校　准　结　果
RESULTS OF CALIBRATION

垂直极化方向偏差曲线
Vertical NSA graph





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天线位置（水平极化）；测试频率范围（30 MHz-1000 MHz）；天线高度1米
Antenna location(horizontal);Test frequency range(30MHz -1000MHz),height of antenna 1m.

Freq (MHz)	Theor (dB)	Vdir (dBm)	AF (dB)	RAWC (dBm)	RAWF (dBm)	RAWR (dBm)	RAWL (dBm)	NSAC (dB)	NSAF (dB)	NSAR (dB)	NSAL (dB)	DEVC (dB)	DEVF (dB)	DEVR (dB)	DEVL (dB)	Lim (dB)
30	15.8	-1.6	28.9	-43.6	-44.3	-43.8	-43.3	13.1	12.9	13.3	13.1	2.7	2.9	2.5	2.7	±4
31	15.3	-1.6	28.2	-44.0	-44.1	-43.8	-44.6	14.2	14.3	13.9	14.8	1.1	1.0	1.4	0.5	±4
32	14.8	-1.6	27.5	-43.1	-43.2	-42.9	-43.2	13.9	14.0	13.8	14.0	0.9	0.8	1.0	0.8	±4
33	14.3	-1.6	27.1	-40.0	-40.3	-40.3	-40.6	11.4	11.6	11.7	11.9	2.9	2.7	2.6	2.4	±4
34	13.9	-1.6	26.7	-39.5	-39.7	-36.9	-39.8	11.2	11.4	11.6	11.5	2.7	2.5	2.3	2.4	±4
35	13.4	-1.6	26.1	-38.6	-38.5	-38.2	-38.4	10.9	10.9	10.5	10.7	2.5	2.6	2.9	2.7	±4
36	13.0	-1.7	25.5	-37.9	-37.7	-37.7	-38.4	10.9	10.9	10.5	10.7	2.5	2.6	2.5	1.8	±4
37	12.5	-1.8	25.0	-39.2	-39.3	-39.2	-39.8	12.4	12.5	12.4	13.0	0.1	0.0	0.1	-0.5	±4
38	12.1	-1.9	24.7	-39.0	-39.1	-39.0	-39.4	12.5	12.5	12.5	12.9	-0.4	-0.4	-0.4	-0.8	±4
39	11.7	-2.0	24.3	-36.9	-36.9	-36.9	-37.5	10.6	10.6	10.7	11.2	1.1	1.1	1.0	0.5	±4
40	11.3	-2.0	23.9	-34.9	-34.7	-34.9	-34.6	9.0	8.8	9.0	8.7	2.3	2.5	2.3	2.6	±4
41	10.9	-2.0	23.3	-34.2	-34.0	-33.7	-33.4	8.9	8.7	8.4	8.1	2.0	2.2	2.5	2.8	±4
42	10.5	-2.1	22.9	-33.4	-33.1	-33.5	-33.7	8.5	8.1	8.6	8.8	2.0	2.4	1.9	1.7	±4
43	10.2	-2.0	22.7	-34.5	-34.4	-34.6	-34.6	9.8	9.7	9.9	9.9	0.4	0.5	0.3	0.3	±4
44	9.8	-2.1	22.4	-34.3	-34.4	-34.7	-34.9	9.8	9.9	10.2	10.4	0.0	-0.1	-0.4	-0.6	±4
45	9.4	-2.0	22.1	-32.9	-32.9	-33.2	-33.4	8.8	8.8	9.1	9.3	0.6	0.6	0.3	0.1	±4
46	9.1	-2.1	21.6	-30.1	-29.9	-30.2	-30.5	6.4	6.2	6.5	6.8	2.7	2.9	2.6	2.3	±4
47	8.8	-2.0	21.3	-30.2	-29.8	-29.7	-29.4	6.9	6.5	6.4	6.1	1.9	2.3	2.4	1.7	±4
48	8.4	-2.0	21.1	-29.5	-29.3	-29.6	-29.7	6.4	6.2	6.5	6.6	2.0	2.2	1.9	1.8	±4
49	8.1	-2.0	20.9	-30.7	-30.6	-30.9	-30.9	7.8	7.7	8.0	8.0	0.3	0.4	0.1	0.1	±4
50	7.8	-2.1	20.6	-30.8	-30.7	-31.0	-30.9	8.2	8.0	8.4	8.3	-0.4	-0.2	-0.6	-0.5	±4
51	7.5	-2.1	20.2	-29.8	-29.7	-29.9	-29.9	7.4	7.4	7.6	7.6	0.1	0.1	-0.1	-0.1	±4
52	7.2	-2.2	20.0	-27.3	-27.3	-27.6	-27.5	5.1	5.1	5.4	5.3	2.1	2.1	1.8	1.9	±4
53	6.9	-2.3	20.0	-26.3	-26.5	-26.8	-26.6	4.0	4.2	4.5	4.4	2.9	2.7	2.4	2.6	±4
54	6.6	-3.0	19.8	-27.9	-27.0	-26.5	-26.6	5.1	4.2	3.7	3.8	1.5	2.4	2.9	2.8	±4
55	6.3	-2.9	19.6	-27.7	-27.8	-27.9	-28.0	5.2	5.3	5.4	5.5	1.1	1.0	0.9	0.8	±4
56	6.1	-2.4	19.3	-28.0	-28.2	-28.2	-28.2	6.4	6.6	6.5	6.6	-0.3	-0.5	-0.4	-0.5	±4
57	5.8	-2.4	19.1	-27.1	-27.3	-27.4	-27.3	5.6	5.8	5.9	5.8	0.2	0.0	-0.1	0.0	±4
58	5.5	-2.4	19.1	-25.0	-25.3	-25.4	-25.3	3.5	3.8	3.9	3.8	2.0	1.7	1.6	1.7	±4
59	5.3	-2.4	19.0	-24.4	-24.2	-24.0	-24.4	3.0	2.6	3.0	1.7	2.3	2.5	2.7	2.3	±4
60	5.0	-2.4	18.8	-23.5	-23.7	-23.8	-23.7	2.3	2.5	2.6	2.5	2.7	2.5	2.4	2.5	±4
61	4.8	-3.1	18.7	-25.2	-25.4	-25.5	-25.3	3.5	3.7	3.7	3.6	1.3	1.1	1.1	1.2	±4
62	4.5	-3.0	18.7	-25.9	-26.1	-26.1	-25.9	4.2	4.5	4.5	4.2	0.3	0.0	0.0	0.3	±4
63	4.3	-2.9	18.7	-25.3	-25.6	-25.5	-25.3	3.8	4.0	4.0	3.8	0.5	0.3	0.3	0.5	±4
64	4.1	-2.8	18.6	-23.8	-24.0	-24.0	-23.7	2.3	2.6	2.5	2.3	1.8	1.5	1.6	1.8	±4
65	3.8	-2.9	18.4	-21.7	-22.3	-22.4	-22.6	1.4	1.0	1.1	1.3	2.4	2.8	2.7	2.5	±4
66	3.6	-3.0	18.3	-21.7	-22.1	-22.0	-22.3	1.4	0.8	0.7	1.0	2.2	2.8	2.9	2.6	±4
67	3.4	-3.2	18.3	-23.6	-23.9	-23.7	-23.5	2.1	2.5	2.2	2.0	1.3	0.9	1.2	1.4	±4

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68	3.2	-3.3	18.4	-24.7	-25.1	-24.9	-24.6	3.0	3.4	3.2	2.9	0.2	-0.2	0.0	0.3	±4
69	3.0	-3.4	18.4	-24.7	-25.2	-24.9	-24.6	2.9	3.4	3.1	2.8	0.1	-0.4	-0.1	0.2	±4
70	2.8	-2.6	18.3	-23.6	-23.9	-23.7	-23.6	2.7	3.0	2.8	2.7	0.1	-0.2	0.0	0.1	±4
71	2.6	-2.6	18.3	-21.7	-21.8	-21.7	-21.9	0.8	0.9	0.8	1.0	1.8	1.7	1.8	1.6	±4
72	2.4	-3.3	18.3	-21.7	-21.3	-21.8	-21.2	0.1	-0.3	0.2	-0.3	2.3	2.7	2.2	2.7	±4
73	2.2	-3.0	18.4	-22.2	-22.0	-22.3	-22.5	0.8	0.6	0.9	1.1	1.4	1.6	1.3	1.1	±4
74	2.0	-2.9	18.4	-23.6	-23.4	-23.8	-23.9	2.3	2.1	2.5	2.6	-0.3	-0.1	-0.5	-0.6	±4
75	1.8	-2.9	18.3	-24.1	-23.9	-24.1	-24.5	2.9	2.8	2.9	3.4	-1.1	-1.0	-1.1	-1.6	±4
76	1.6	-2.8	18.3	-23.2	-23.0	-23.2	-23.6	2.1	1.9	2.1	2.6	-0.5	-0.3	-0.5	-1.0	±4
77	1.4	-2.7	18.4	-21.3	-21.2	-21.5	-21.9	0.2	0.1	0.4	0.8	1.2	1.3	1.0	0.6	±4
78	1.2	-2.7	18.5	-20.1	-19.8	-20.2	-20.6	-1.1	-1.4	-1.0	-0.6	2.3	2.6	2.2	1.8	±4
79	1.1	-2.7	18.6	-20.8	-20.5	-21.0	-21.4	-0.4	-0.8	-0.3	0.1	1.5	1.9	1.4	1.0	±4
80	0.9	-2.8	18.5	-22.4	-22.2	-22.6	-23.0	1.1	0.8	1.3	1.6	-0.2	0.1	-0.4	-0.7	±4
81	0.7	-2.9	18.5	-23.3	-22.9	-23.5	-23.7	1.8	1.5	2.0	2.3	-1.1	-0.8	-1.3	-1.6	±4
82	0.6	-3.0	18.5	-22.7	-22.2	-22.9	-23.2	1.1	0.7	1.3	1.6	-0.5	-0.1	-0.7	-1.0	±4
83	0.4	-3.2	18.7	-21.1	-20.6	-21.3	-21.6	-0.7	-1.2	-0.5	-0.2	1.1	1.6	0.9	0.6	±4
84	0.2	-3.2	18.7	-19.5	-19.5	-19.7	-20.1	-2.4	-2.4	-2.2	-1.8	2.6	2.6	2.4	2.0	±4
85	0.1	-3.2	18.7	-19.5	-19.6	-19.7	-20.1	-2.4	-2.9	-2.3	-1.8	2.5	2.4	2.3	1.9	±4
86	-0.1	-3.2	18.7	-21.0	-20.4	-21.1	-21.6	-0.9	-1.5	-0.8	-0.4	0.8	1.4	0.7	0.3	±4
87	-0.2	-3.2	18.9	-22.1	-21.5	-22.2	-22.7	0.0	-0.6	0.1	0.6	-0.2	0.4	-0.3	-0.8	±4
88	-0.4	-3.2	19.1	-22.0	-21.3	-22.1	-22.6	-0.3	-0.9	-0.2	0.3	-0.1	0.5	-0.2	-0.7	±4
89	-0.5	-3.1	19.1	-20.8	-20.2	-20.9	-21.5	-1.5	-2.1	-1.4	-0.8	1.0	1.6	0.9	0.3	±4
90	-0.7	-3.1	19.1	-19.4	-18.8	-19.5	-20.0	-2.9	-3.5	-2.7	-2.2	2.2	2.8	2.0	1.5	±4
91	-0.8	-2.9	19.1	-19.0	-18.5	-19.1	-19.7	-3.1	-3.6	-3.0	-2.4	2.3	2.8	2.2	1.6	±4
92	-1.0	-2.9	19.3	-20.0	-19.5	-20.1	-20.6	-2.2	-2.6	-2.1	-1.5	1.2	1.6	1.1	0.5	±4
93	-1.1	-2.9	19.4	-21.2	-20.7	-21.2	-21.7	-1.1	-1.6	-1.1	-0.6	0.0	0.5	0.0	-0.5	±4
94	-1.3	-2.9	19.5	-21.5	-21.0	-21.5	-22.0	-0.9	-1.4	-0.8	-0.4	-0.4	0.1	-0.5	-0.9	±4
95	-1.4	-2.9	19.5	-20.9	-20.5	-20.9	-21.4	-1.5	-1.9	-1.5	-1.1	0.1	0.5	0.1	-0.3	±4
96	-1.5	-2.9	19.6	-19.7	-19.4	-19.7	-20.2	-2.9	-3.1	-2.9	-2.3	1.4	1.6	1.4	0.8	±4
97	-1.7	-3.0	19.8	-18.9	-18.7	-18.8	-19.5	-3.9	-4.0	-3.9	-3.3	2.2	2.3	2.2	1.6	±4
98	-1.8	-3.0	19.9	-19.4	-19.2	-19.3	-20.0	-3.5	-3.7	-3.6	-3.0	1.7	1.9	1.8	1.2	±4
99	-1.9	-3.1	20.0	-20.5	-20.3	-20.4	-21.0	-2.6	-2.8	-2.7	-2.1	0.7	0.9	0.8	0.2	±4
100	-2.0	-3.1	20.0	-21.1	-21.0	-21.0	-21.6	-2.1	-2.2	-2.2	-1.6	0.1	0.2	0.2	-0.4	±4
105	-2.6	-3.3	20.5	-20.1	-20.5	-20.0	-20.8	-3.7	-3.3	-3.8	-3.0	1.1	0.7	1.2	0.4	±4
110	-3.2	-3.4	21.0	-19.2	-20.0	-19.3	-19.9	-5.2	-4.4	-5.2	-4.5	2.0	1.2	2.0	1.3	±4
115	-3.7	-3.5	21.4	-19.7	-20.3	-19.7	-20.2	-5.3	-4.7	-5.3	-4.8	1.6	1.0	1.6	1.1	±4
120	-4.2	-3.5	21.9	-20.5	-20.4	-20.3	-20.9	-4.9	-5.0	-5.1	-4.5	0.7	0.8	0.9	0.3	±4
125	-4.7	-3.6	22.3	-20.7	-20.2	-20.4	-21.2	-5.1	-5.7	-5.5	-4.7	0.4	1.0	0.8	0.0	±4
130	-5.1	-3.8	22.6	-20.0	-19.2	-19.7	-20.6	-6.4	-7.2	-6.7	-5.8	1.3	2.1	1.6	0.7	±4
135	-5.6	-3.9	23.0	-19.3	-18.4	-19.2	-20.1	-7.7	-8.5	-7.7	-6.9	2.1	2.9	2.1	1.3	±4
140	-6.0	-3.9	23.3	-19.9	-19.1	-20.0	-20.6	-7.3	-8.2	-7.3	-6.6	1.3	2.2	1.3	0.6	±4
145	-6.3	-4.1	23.7	-20.5	-20.0	-20.5	-21.2	-7.3	-7.7	-7.2	-6.6	1.0	1.4	0.9	0.3	±4
150	-6.7	-3.9	24.0	-20.0	-20.0	-20.1	-20.8	-7.8	-7.8	-7.8	-7.1	1.1	1.1	1.1	0.4	±4

校 准 结 果
RESULTS OF CALIBRATION

155	-7.0	-3.8	24.2	-19.7	-20.1	-19.7	-20.4	-8.3	-7.9	-8.3	-7.6	1.3	0.9	1.3	0.6	±4
160	-7.4	-4.0	24.4	-19.5	-20.0	-19.1	-20.1	-9.0	-8.5	-9.4	-8.3	1.6	1.1	2.0	0.9	±4
165	-7.7	-3.9	24.7	-19.7	-20.3	-19.3	-20.5	-8.9	-8.3	-9.4	-8.2	1.2	0.6	1.7	0.5	±4
170	-8.0	-3.8	25.0	-20.4	-20.7	-20.1	-21.4	-8.4	-8.1	-8.8	-7.5	0.4	0.1	0.8	-0.5	±4
175	-8.3	-4.0	25.5	-20.4	-20.3	-20.3	-21.2	-9.1	-9.2	-9.1	-8.3	0.8	0.9	0.8	0.0	±4
180	-8.5	-3.9	26.0	-20.0	-19.6	-20.0	-20.6	-9.9	-10.3	-9.9	-9.4	1.4	1.8	1.4	0.9	±4
185	-8.8	-4.1	26.5	-20.2	-19.5	-20.1	-20.6	-10.4	-11.1	-10.5	-10.0	1.6	2.3	1.7	1.2	±4
190	-9.1	-4.2	27.3	-21.3	-20.7	-21.1	-21.6	-10.2	-10.8	-10.3	-9.9	1.1	1.7	1.2	0.8	±4
195	-9.3	-4.1	27.9	-23.3	-22.8	-23.1	-23.4	-8.8	-9.3	-8.9	-8.6	-0.5	0.0	-0.4	-0.7	±4
200	-9.6	-4.2	28.6	-24.0	-23.7	-23.8	-24.7	-8.8	-9.1	-9.0	-8.1	-0.8	-0.5	-0.6	-1.5	±4
205	-9.8	-4.1	23.9	-18.4	-18.5	-18.5	-18.8	-9.6	-9.5	-9.4	-9.2	-0.2	-0.3	-0.4	-0.6	±4
210	-10.0	-4.2	23.2	-17.2	-17.1	-17.5	-17.9	-10.2	-10.3	-9.8	-9.5	0.2	0.3	-0.2	-0.5	±4
215	-10.3	-4.2	22.8	-16.6	-16.4	-17.1	-17.3	-10.3	-10.6	-9.8	-9.7	0.1	0.3	-0.4	-0.6	±4
220	-10.5	-4.0	22.6	-15.2	-14.9	-15.7	-15.9	-11.5	-11.7	-10.9	-10.7	1.0	1.2	0.4	0.2	±4
225	-10.7	-4.1	22.6	-15.6	-15.6	-15.9	-16.3	-11.1	-11.1	-10.7	-10.4	0.4	0.4	0.0	-0.3	±4
230	-10.9	-4.0	22.8	-15.7	-15.8	-16.2	-16.5	-11.1	-11.0	-10.6	-10.3	0.2	0.1	-0.3	-0.6	±4
235	-11.1	-4.1	23.3	-16.1	-16.2	-16.5	-16.7	-11.3	-11.1	-10.9	-10.7	0.2	0.0	-0.2	-0.4	±4
240	-11.3	-4.2	23.7	-15.9	-15.8	-16.3	-16.6	-11.9	-12.0	-11.5	-11.2	0.6	0.7	0.2	-0.1	±4
245	-11.5	-4.2	23.9	-16.9	-16.8	-17.4	-17.5	-11.2	-11.3	-10.7	-10.6	-0.3	-0.2	-0.8	-0.9	±4
250	-11.7	-4.4	24.1	-16.3	-16.2	-16.9	-16.9	-12.2	-12.3	-11.6	-11.6	0.5	0.6	-0.1	-0.1	±4
255	-11.9	-4.6	24.3	-16.5	-16.5	-16.9	-17.0	-12.4	-12.4	-12.0	-11.9	0.6	0.6	0.2	0.0	±4
260	-12.0	-4.6	24.7	-16.5	-16.5	-16.8	-16.8	-12.8	-12.8	-12.5	-12.4	0.8	0.8	0.5	0.4	±4
265	-12.2	-4.7	25.1	-17.2	-17.2	-17.4	-17.5	-12.6	-12.6	-12.5	-12.3	0.4	0.4	0.3	0.2	±4
270	-12.3	-4.7	25.4	-17.3	-17.2	-17.4	-17.4	-12.9	-13.0	-12.8	-12.8	0.6	0.7	0.5	0.5	±4
275	-12.4	-4.8	25.7	-18.2	-18.1	-18.2	-18.2	-12.3	-12.4	-12.3	-12.4	-0.1	0.0	-0.1	0.0	±4
280	-12.5	-5.1	25.9	-17.6	-17.4	-17.6	-17.4	-13.5	-13.6	-13.5	-13.6	1.0	1.1	1.0	1.1	±4
285	-12.6	-5.0	26.1	-18.4	-18.3	-18.6	-18.5	-12.7	-12.7	-12.5	-12.6	0.1	0.2	0.0	0.1	±4
290	-12.6	-4.9	26.2	-18.3	-18.3	-18.5	-18.4	-12.8	-12.8	-12.7	-12.7	0.2	0.2	0.1	0.1	±4
295	-12.7	-5.0	26.3	-18.6	-18.6	-18.8	-18.9	-12.7	-12.7	-12.6	-12.5	0.0	0.0	-0.1	-0.2	±4
300	-12.8	-5.0	26.5	-18.5	-18.6	-18.7	-18.7	-13.1	-13.0	-12.9	-12.9	0.3	0.2	0.1	0.1	±4
305	-12.8	-5.2	26.8	-19.0	-19.1	-19.1	-19.2	-13.0	-12.9	-12.9	-12.7	0.2	0.1	0.1	-0.1	±4
310	-12.8	-5.1	27.2	-19.3	-19.3	-19.3	-19.5	-13.0	-13.0	-12.9	-12.8	0.2	0.2	0.1	0.0	±4
315	-12.9	-5.1	27.3	-19.8	-19.9	-19.9	-20.2	-12.6	-12.5	-12.6	-12.3	-0.2	-0.3	-0.3	-0.6	±4
320	-12.9	-5.2	27.5	-19.8	-19.9	-19.9	-20.1	-12.9	-12.8	-12.9	-12.6	0.0	-0.1	0.0	-0.3	±4
325	-12.9	-5.2	27.8	-20.5	-20.6	-20.6	-20.8	-12.4	-12.4	-12.4	-12.2	-0.5	-0.5	-0.5	-0.7	±4
330	-12.9	-5.5	28.0	-20.8	-20.9	-20.8	-20.9	-12.7	-12.7	-12.8	-12.6	-0.2	-0.2	-0.1	-0.3	±4
335	-12.9	-5.5	28.3	-21.3	-21.2	-21.2	-21.3	-12.5	-12.6	-12.6	-12.5	-0.4	-0.2	-0.3	-0.4	±4
340	-12.8	-5.3	28.5	-21.7	-21.4	-21.7	-21.8	-12.2	-12.5	-12.2	-12.1	-0.6	-0.3	-0.6	-0.7	±4
345	-13.0	-5.8	28.9	-21.5	-21.2	-21.7	-21.6	-13.3	-13.5	-13.0	-13.1	0.3	0.6	0.1	0.2	±4
350	-13.1	-5.6	29.5	-21.6	-21.4	-22.0	-22.0	-13.5	-13.7	-13.2	-13.1	0.4	0.6	0.1	0.0	±4
355	-13.3	-5.9	30.1	-21.5	-21.5	-22.1	-22.1	-14.5	-14.5	-13.9	-14.0	1.2	1.2	0.6	0.7	±4
360	-13.5	-6.0	30.4	-21.4	-21.5	-22.0	-21.9	-15.1	-15.0	-14.4	-14.5	1.6	1.5	0.9	1.0	±4
365	-13.7	-5.7	30.8	-21.5	-21.6	-22.0	-22.0	-15.1	-15.0	-14.5	-14.6	1.4	1.3	0.9	0.9	±4

校 准 结 果
RESULTS OF CALIBRATION

370	-13.8	-5.7	31.0	-21.8	-21.8	-22.2	-22.2	-14.9	-14.9	-14.5	-14.5	1.1	1.1	0.7	0.7	±4
375	-14.0	-5.7	31.2	-22.0	-21.6	-22.2	-22.1	-14.9	-15.3	-14.6	-14.7	0.9	1.3	0.6	0.7	±4
380	-14.2	-5.6	31.4	-22.9	-22.3	-23.1	-23.2	-14.1	-14.7	-13.9	-13.8	-0.1	0.5	-0.3	-0.4	±4
385	-14.4	-5.5	31.5	-21.9	-21.4	-22.4	-22.2	-15.1	-15.6	-14.7	-14.8	0.8	1.2	0.3	0.4	±4
390	-14.5	-5.5	31.6	-22.1	-21.9	-22.7	-22.4	-15.0	-15.2	-14.4	-14.7	0.5	0.7	-0.1	0.2	±4
395	-14.7	-5.6	31.6	-22.1	-22.2	-22.6	-22.6	-15.1	-15.1	-14.6	-14.7	0.5	0.4	0.0	0.0	±4
400	-14.8	-5.8	31.8	-22.4	-22.4	-22.7	-22.9	-15.1	-15.2	-14.9	-14.6	0.3	0.4	0.1	-0.2	±4
405	-15.0	-5.8	31.9	-22.4	-22.1	-22.7	-22.8	-15.3	-15.6	-15.0	-14.9	0.3	0.6	0.0	-0.1	±4
410	-15.1	-5.8	32.1	-22.6	-22.1	-23.0	-23.1	-15.4	-15.8	-15.0	-14.8	0.3	0.7	-0.1	-0.3	±4
415	-15.3	-5.9	32.4	-22.4	-22.1	-22.8	-22.8	-15.9	-16.2	-15.5	-15.5	0.6	0.9	0.2	0.2	±4
420	-15.4	-6.0	32.6	-23.1	-22.8	-23.3	-23.3	-15.5	-15.8	-15.3	-15.3	0.1	0.4	-0.1	-0.1	±4
425	-15.5	-6.3	32.8	-22.7	-22.5	-22.9	-22.9	-16.4	-16.6	-16.2	-16.2	0.9	1.1	0.7	0.7	±4
430	-15.6	-6.2	32.9	-23.2	-23.1	-23.4	-23.5	-16.0	-16.1	-15.8	-15.7	0.4	0.5	0.2	0.1	±4
435	-15.8	-6.2	33.1	-22.9	-22.8	-23.1	-23.2	-16.3	-16.4	-16.1	-16.1	0.5	0.7	0.4	0.3	±4
440	-15.9	-6.3	33.2	-23.0	-22.9	-23.3	-23.3	-16.4	-16.5	-16.1	-16.2	0.5	0.6	0.2	0.3	±4
445	-16.0	-6.4	33.3	-23.0	-22.9	-23.3	-23.2	-16.7	-16.8	-16.4	-16.4	0.7	0.8	0.4	0.4	±4
450	-16.1	-6.4	33.4	-23.0	-22.8	-23.3	-23.3	-16.9	-17.0	-16.6	-16.6	0.8	0.9	0.5	0.5	±4
455	-16.3	-6.3	33.6	-23.0	-22.9	-23.4	-23.4	-16.9	-17.1	-16.5	-16.5	0.7	0.8	0.2	0.2	±4
460	-16.4	-6.2	33.8	-23.2	-23.2	-23.8	-23.7	-16.8	-16.9	-16.3	-16.3	0.4	0.5	-0.1	-0.1	±4
465	-16.5	-6.6	34.1	-23.1	-23.2	-23.5	-23.6	-17.6	-17.5	-17.1	-17.0	1.1	1.0	0.6	0.5	±4
470	-16.6	-6.7	34.3	-23.6	-23.6	-24.0	-24.1	-17.5	-17.4	-17.1	-17.0	0.9	0.8	0.5	0.4	±4
475	-16.7	-6.8	34.5	-23.6	-23.4	-23.8	-23.9	-17.7	-17.8	-17.5	-17.3	1.0	1.1	0.8	0.6	±4
480	-16.8	-6.9	34.7	-24.1	-23.8	-24.4	-24.5	-17.5	-17.7	-17.2	-17.1	0.7	0.9	0.4	0.3	±4
485	-16.9	-6.6	34.8	-23.7	-23.5	-24.1	-24.2	-17.6	-17.9	-17.2	-17.1	0.7	1.0	0.3	0.2	±4
490	-17.0	-6.9	34.8	-23.8	-23.5	-24.3	-24.2	-17.9	-18.1	-17.4	-17.5	0.9	1.1	0.4	0.5	±4
495	-17.2	-6.9	34.8	-23.5	-23.2	-23.8	-23.8	-18.2	-18.5	-17.9	-17.9	1.1	1.4	0.8	0.7	±4
500	-17.3	-7.2	34.9	-23.8	-23.6	-23.8	-23.9	-18.3	-18.5	-18.2	-18.2	1.0	1.2	0.9	0.9	±4
510	-17.5	-6.9	35.1	-24.2	-24.1	-24.4	-24.5	-17.8	-17.9	-17.7	-17.5	0.3	0.4	0.2	0.0	±4
520	-17.7	-7.2	35.5	-24.3	-24.1	-25.0	-24.8	-18.4	-18.6	-17.7	-18.0	0.7	0.9	0.0	0.3	±4
530	-17.9	-6.8	35.9	-24.3	-24.3	-24.7	-24.7	-18.4	-18.3	-17.9	-18.0	0.5	0.4	0.0	0.1	±4
540	-18.1	-6.6	36.3	-24.6	-24.5	-25.0	-25.0	-18.3	-18.3	-17.9	-17.9	0.2	0.2	-0.2	-0.2	±4
550	-18.2	-6.7	36.6	-24.6	-24.6	-25.1	-25.1	-18.7	-18.7	-18.2	-18.2	0.5	0.5	0.0	0.0	±4
560	-18.4	-6.9	37.0	-24.9	-24.7	-25.4	-25.2	-18.9	-19.1	-18.4	-18.6	0.5	0.7	0.0	0.2	±4
570	-18.6	-6.9	37.1	-24.8	-24.6	-25.0	-25.2	-19.3	-19.5	-19.0	-18.8	0.7	0.9	0.4	0.2	±4
580	-18.8	-7.1	37.3	-24.7	-24.7	-25.1	-25.2	-19.7	-19.7	-19.4	-19.2	0.9	0.9	0.6	0.4	±4
590	-18.9	-7.3	37.5	-25.0	-24.9	-25.4	-25.2	-19.8	-19.9	-19.5	-19.6	0.9	1.0	0.6	0.7	±4
600	-19.1	-7.0	37.8	-25.4	-25.3	-25.9	-25.8	-19.3	-19.5	-18.9	-19.0	0.2	0.4	-0.2	-0.1	±4
610	-19.3	-7.0	38.2	-25.8	-25.6	-26.2	-26.0	-19.5	-19.6	-19.0	-19.2	0.2	0.3	-0.3	-0.1	±4
620	-19.4	-7.4	38.5	-25.6	-25.5	-25.9	-25.8	-20.3	-20.4	-20.0	-20.1	0.9	1.0	0.6	0.7	±4
630	-19.6	-7.2	38.9	-26.2	-26.2	-26.6	-26.3	-19.9	-19.9	-19.5	-19.8	0.3	0.3	-0.1	0.2	±4
640	-19.7	-8.0	39.4	-26.8	-26.7	-26.9	-26.7	-20.7	-20.7	-20.5	-20.7	1.0	1.0	0.8	1.0	±4
650	-19.9	-8.2	39.9	-27.3	-27.3	-27.4	-27.3	-20.8	-20.8	-20.7	-20.8	0.9	0.9	0.8	0.9	±4
660	-20.0	-8.2	40.2	-27.8	-27.7	-27.7	-27.7	-20.6	-20.7	-20.7	-20.7	0.6	0.7	0.7	0.7	±4

校 准 结 果
RESULTS OF CALIBRATION

670	-20.2	-8.4	40.3	-28.3	-28.1	-28.4	-28.0	-20.4	-20.6	-20.3	-20.6	0.2	0.4	0.1	0.4	±4
680	-20.3	-7.9	40.5	-28.3	-28.2	-28.1	-28.0	-20.0	-20.1	-20.3	-20.3	-0.3	-0.2	0.0	0.0	±4
690	-20.4	-8.0	40.6	-28.6	-28.5	-28.4	-28.5	-20.0	-20.1	-20.3	-20.2	-0.4	-0.3	-0.1	-0.2	±4
700	-20.6	-8.2	41.3	-28.5	-28.5	-28.8	-28.6	-21.0	-21.1	-20.8	-21.0	0.4	0.5	0.2	0.4	±4
710	-20.7	-8.3	42.2	-28.9	-28.6	-29.1	-29.1	-21.6	-21.8	-21.3	-21.3	0.9	1.1	0.6	0.6	±4
720	-20.8	-8.3	42.5	-28.7	-28.7	-29.2	-29.3	-22.1	-22.1	-21.7	-21.6	1.3	1.3	0.9	0.8	±4
730	-21.0	-8.8	42.6	-29.0	-28.9	-29.4	-29.4	-22.5	-22.5	-22.0	-22.1	1.5	1.5	1.0	1.1	±4
740	-21.1	-8.6	42.7	-29.4	-29.2	-29.8	-29.7	-22.0	-22.2	-21.5	-21.7	0.9	1.1	0.4	0.6	±4
750	-21.2	-7.9	42.9	-29.2	-29.1	-29.6	-29.5	-21.6	-21.7	-21.2	-21.3	0.4	0.5	0.0	0.1	±4
760	-21.3	-8.4	43.0	-29.3	-29.3	-29.8	-29.7	-22.1	-22.1	-21.6	-21.7	0.8	0.8	0.3	0.4	±4
770	-21.3	-8.2	43.2	-29.6	-29.5	-30.0	-30.0	-21.8	-21.9	-21.3	-21.4	0.5	0.6	0.0	0.1	±4
780	-21.3	-8.3	43.3	-29.8	-29.3	-30.0	-30.0	-21.8	-22.4	-21.6	-21.6	0.5	1.1	0.3	0.3	±4
790	-21.3	-8.9	43.3	-29.9	-29.6	-30.1	-30.2	-22.2	-22.5	-22.0	-21.9	0.9	1.2	0.7	0.6	±4
800	-21.3	-8.6	43.2	-30.3	-30.3	-30.7	-30.5	-21.6	-21.5	-21.1	-21.3	0.3	0.2	-0.2	0.0	±4
810	-21.4	-9.4	43.4	-30.1	-29.8	-30.2	-30.2	-22.6	-22.9	-22.5	-22.5	1.2	1.5	1.1	1.1	±4
820	-21.5	-9.2	43.5	-30.2	-30.1	-30.6	-30.7	-22.4	-22.6	-22.0	-21.9	0.9	1.1	0.5	0.4	±4
830	-21.6	-8.4	43.7	-30.2	-30.3	-30.5	-30.5	-21.9	-21.8	-21.5	-21.6	0.3	0.2	-0.1	0.0	±4
840	-21.8	-8.4	44.1	-30.6	-30.5	-30.9	-30.8	-22.0	-22.0	-21.6	-21.7	0.2	0.2	-0.2	-0.1	±4
850	-21.9	-9.0	44.4	-30.4	-30.3	-30.9	-30.8	-22.9	-23.1	-22.5	-22.5	1.0	1.2	0.6	0.6	±4
860	-22.0	-9.1	44.7	-30.8	-30.9	-31.2	-31.1	-23.0	-22.9	-22.6	-22.7	1.0	0.9	0.6	0.7	±4
870	-22.1	-9.0	44.9	-31.0	-30.9	-31.3	-31.2	-22.9	-23.0	-22.6	-22.7	0.8	0.9	0.5	0.6	±4
880	-22.3	-9.6	45.0	-31.3	-31.2	-31.8	-31.5	-23.3	-23.3	-22.7	-23.0	1.0	1.0	0.4	0.7	±4
890	-22.4	-9.1	45.2	-32.2	-32.0	-32.4	-32.4	-22.2	-22.4	-21.9	-22.0	-0.2	0.0	-0.5	-0.4	±4
900	-22.5	-8.8	45.8	-32.4	-32.4	-32.8	-32.7	-22.3	-22.2	-21.9	-22.0	-0.2	-0.3	-0.6	-0.5	±4
910	-22.6	-9.0	46.1	-32.1	-32.0	-32.3	-32.2	-23.0	-23.1	-22.8	-22.9	0.4	0.5	0.2	0.3	±4
920	-22.7	-8.9	46.3	-32.3	-32.2	-32.6	-32.4	-22.9	-23.0	-22.6	-22.8	0.2	0.3	-0.1	0.1	±4
930	-22.8	-9.6	46.5	-32.1	-31.9	-32.7	-32.4	-24.0	-24.1	-23.3	-23.6	1.2	1.3	0.5	0.8	±4
940	-22.9	-9.6	46.6	-32.0	-32.0	-32.2	-32.0	-24.2	-24.2	-24.0	-24.2	1.3	1.3	1.1	1.3	±4
950	-23.0	-9.5	46.6	-31.9	-31.9	-32.2	-32.1	-24.2	-24.2	-23.9	-24.0	1.2	1.2	0.9	1.0	±4
960	-23.1	-9.7	46.8	-32.6	-32.3	-33.4	-33.0	-23.8	-24.2	-23.1	-23.5	0.7	1.1	0.0	0.4	±4
970	-23.2	-9.6	46.9	-32.9	-32.9	-33.5	-33.2	-23.6	-23.5	-23.0	-23.3	0.4	0.3	-0.2	0.1	±4
980	-23.3	-9.7	47.1	-32.4	-32.4	-33.0	-32.8	-24.4	-24.3	-23.8	-24.0	1.1	1.0	0.5	0.7	±4
990	-23.4	-9.9	47.1	-32.5	-32.2	-33.2	-32.9	-24.5	-24.9	-23.9	-24.2	1.1	1.5	0.5	0.8	±4
1000	-23.5	-10.0	47.2	-32.5	-32.6	-33.3	-32.8	-24.7	-24.7	-23.9	-24.4	1.2	1.2	0.4	0.9	±4

校 准 结 果
RESULTS OF CALIBRATION

天线位置（水平极化）；测试频率范围（30 MHz-1000 MHz）；天线高度2米
Antenna location(horizontal);Test frequency range(30MHz -1000MHz),height of antenna 2m.

Freq (MHz)	Theor (dB)	Vdir (dBm)	AF (dB)	RAWC (dBm)	RAWF (dBm)	RAWR (dBm)	RAWL (dBm)	NSAC (dB)	NSAF (dB)	NSAR (dB)	NSAL (dB)	DEVC (dB)	DEVF (dB)	DEVR (dB)	DEVL (dB)	Lim (dB)
30	11.0	-1.6	28.7	-40.1	-39.8	-40.0	-40.0	9.8	9.5	9.7	9.7	1.2	1.5	1.3	1.3	±4
31	10.5	-1.6	28.0	-41.4	-41.1	-41.1	-41.1	11.7	11.4	11.5	11.5	-1.2	-0.9	-1.0	-1.0	±4
32	10.0	-1.6	27.3	-40.3	-40.0	-40.2	-40.3	11.3	11.0	11.2	11.3	-1.3	-1.0	-1.2	-1.3	±4
33	9.6	-1.6	26.9	-37.4	-37.4	-37.4	-37.6	8.9	8.9	8.9	9.1	0.7	0.7	0.7	0.5	±4
34	9.2	-1.6	26.5	-35.4	-35.2	-34.8	-34.9	7.3	7.1	6.7	6.8	1.9	2.1	2.5	2.4	±4
35	8.8	-1.6	25.9	-34.6	-34.4	-34.2	-34.0	7.1	6.9	6.7	6.5	1.7	1.9	2.1	2.3	±4
36	8.4	-1.7	25.4	-34.6	-34.6	-35.2	-35.0	7.6	7.6	8.1	7.9	0.8	0.8	0.3	0.5	±4
37	8.1	-1.8	24.9	-36.2	-36.1	-36.4	-36.0	9.5	9.4	9.7	9.3	-1.4	-1.3	-1.6	-1.2	±4
38	7.7	-1.9	24.6	-36.0	-36.0	-36.1	-36.1	9.5	9.5	9.6	9.6	-1.8	-1.8	-1.9	-1.9	±4
39	7.4	-2.0	24.3	-33.7	-33.9	-34.1	-33.9	7.4	7.7	7.9	7.6	0.0	-0.3	-0.5	-0.2	±4
40	7.0	-2.0	23.8	-30.5	-30.5	-30.9	-30.5	4.6	4.7	5.0	4.6	2.4	2.3	2.0	2.4	±4
41	6.7	-2.0	23.3	-29.8	-29.8	-29.3	-29.1	4.5	4.5	3.9	3.8	2.2	2.3	2.8	2.9	±4
42	6.4	-2.1	22.9	-30.5	-30.5	-30.8	-30.3	5.5	5.5	5.8	5.3	0.9	0.9	0.6	1.1	±4
43	6.1	-2.0	22.7	-31.7	-31.6	-31.8	-31.5	6.9	6.8	7.0	6.7	-0.8	-0.7	-0.9	-0.6	±4
44	5.8	-2.1	22.5	-31.5	-31.5	-31.9	-31.7	6.9	6.9	7.3	7.1	-1.1	-1.1	-1.5	-1.3	±4
45	5.5	-2.0	22.2	-30.1	-30.1	-30.5	-30.2	5.8	5.8	6.2	6.0	-0.3	-0.3	-0.7	-0.5	±4
46	5.2	-2.1	21.8	-27.3	-27.3	-27.7	-27.3	3.4	3.4	3.8	3.4	1.8	1.8	1.4	1.8	±4
47	5.0	-2.0	21.5	-26.8	-26.6	-25.9	-26.1	3.3	3.1	2.4	2.6	1.7	1.9	2.6	2.4	±4
48	4.7	-2.0	21.4	-26.8	-26.7	-27.2	-27.0	3.5	3.4	3.8	3.6	1.2	1.3	0.9	1.1	±4
49	4.5	-2.0	21.2	-28.2	-28.2	-28.6	-28.3	5.0	5.0	5.4	5.1	-0.5	-0.5	-0.9	-0.6	±4
50	4.2	-2.1	20.9	-28.4	-28.5	-28.9	-28.5	5.5	5.5	5.9	5.5	-1.3	-1.3	-1.7	-1.3	±4
51	4.0	-2.1	20.6	-27.4	-27.5	-27.9	-27.4	4.7	4.8	5.2	4.7	-0.7	-0.8	-1.2	-0.7	±4
52	3.8	-2.2	20.4	-25.1	-25.2	-25.6	-25.1	2.5	2.7	3.0	2.5	1.3	1.1	0.8	1.3	±4
53	3.6	-2.3	20.4	-23.9	-23.3	-23.6	-23.7	1.2	0.7	1.0	1.0	2.4	2.9	2.6	2.6	±4
54	3.4	-3.0	20.3	-24.4	-24.5	-24.7	-24.3	1.1	1.3	1.4	1.1	2.3	2.1	2.0	2.3	±4
55	3.1	-2.9	20.1	-25.9	-26.1	-26.3	-25.9	2.9	3.2	3.3	3.0	0.2	-0.1	-0.2	0.1	±4
56	2.9	-2.4	19.8	-26.4	-26.6	-26.8	-26.3	4.2	4.5	4.6	4.2	-1.3	-1.6	-1.7	-1.3	±4
57	2.8	-2.4	19.6	-25.7	-26.0	-26.1	-25.6	3.6	4.0	4.1	3.5	-0.8	-1.2	-1.3	-0.7	±4
58	2.6	-2.4	19.6	-23.8	-24.0	-24.1	-23.6	1.7	2.0	2.1	1.6	0.9	0.6	0.5	1.0	±4
59	2.4	-2.4	19.5	-21.6	-22.0	-22.0	-21.5	-0.3	0.1	0.1	-0.4	2.7	2.3	2.3	2.8	±4
60	2.2	-2.4	19.4	-22.3	-22.7	-22.6	-22.2	0.5	1.0	0.9	0.4	1.7	1.2	1.3	1.8	±4
61	2.0	-3.1	19.2	-24.1	-24.6	-24.3	-24.0	1.8	2.3	2.1	1.7	0.2	-0.3	-0.1	0.3	±4
62	1.8	-3.0	19.2	-24.9	-25.4	-25.1	-24.8	2.7	3.2	3.0	2.6	-0.9	-1.4	-1.2	-0.8	±4
63	1.7	-2.9	19.2	-24.5	-25.0	-24.8	-24.3	2.4	2.9	2.7	2.3	-0.7	-1.2	-1.0	-0.6	±4
64	1.5	-2.8	19.1	-22.8	-23.4	-23.1	-22.7	0.9	1.5	1.2	0.8	0.6	0.0	0.3	0.7	±4
65	1.4	-2.9	18.9	-20.7	-21.3	-20.9	-20.7	-1.1	-0.5	-0.9	-1.1	2.5	1.9	2.3	2.5	±4
66	1.2	-3.0	18.7	-20.7	-21.3	-20.9	-20.6	-1.1	-0.5	-0.9	-1.1	2.3	1.7	2.1	2.3	±4
67	1.0	-3.2	18.7	-22.5	-23.1	-22.7	-22.5	0.6	1.2	0.8	0.6	0.4	-0.2	0.2	0.4	±4

校 准 结 果
RESULTS OF CALIBRATION

68	0.9	-3.3	18.8	-23.8	-24.3	-23.8	-23.8	1.7	2.3	1.8	1.7	-0.8	-1.4	-0.9	-0.8	±4
69	0.7	-3.4	18.8	-23.8	-24.2	-23.9	-23.7	1.7	2.1	1.7	1.6	-1.0	-1.4	-1.0	-0.9	±4
70	0.6	-2.6	18.6	-22.5	-22.9	-22.6	-22.4	1.3	1.7	1.4	1.2	-0.7	-1.1	-0.8	-0.6	±4
71	0.5	-2.6	18.5	-20.4	-20.8	-20.5	-20.3	-0.8	-0.4	-0.7	-0.8	1.3	0.9	1.2	1.3	±4
72	0.3	-3.3	18.5	-19.5	-19.8	-19.6	-19.4	-2.2	-1.9	-2.1	-2.3	2.5	2.2	2.4	2.6	±4
73	0.2	-3.0	18.5	-20.8	-21.0	-20.9	-20.8	-0.7	-0.5	-0.6	-0.8	0.9	0.7	0.8	1.0	±4
74	0.1	-2.9	18.5	-22.3	-22.5	-22.5	-22.3	0.9	1.1	1.1	0.9	-0.8	-1.0	-1.0	-0.8	±4
75	-0.1	-2.9	18.3	-22.8	-23.0	-22.9	-22.8	1.6	1.8	1.7	1.6	-1.7	-1.9	-1.8	-1.7	±4
76	-0.2	-2.8	18.2	-21.9	-22.0	-22.0	-21.8	0.9	0.9	0.9	0.8	-1.1	-1.1	-1.1	-1.0	±4
77	-0.3	-2.7	18.3	-20.1	-20.1	-20.3	-20.1	-0.9	-0.9	-0.8	-1.0	0.6	0.6	0.5	0.7	±4
78	-0.5	-2.7	18.4	-18.9	-18.8	-19.1	-18.8	-2.2	-2.3	-2.0	-2.3	1.7	1.8	1.5	1.8	±4
79	-0.6	-2.7	18.4	-19.7	-19.5	-19.9	-19.5	-1.4	-1.6	-1.2	-1.6	0.8	1.0	0.6	1.0	±4
80	-0.7	-2.8	18.3	-21.4	-21.1	-21.5	-21.2	0.3	0.0	0.4	0.1	-1.0	-0.7	-1.1	-0.8	±4
81	-0.8	-2.9	18.2	-22.2	-21.9	-22.5	-22.0	1.0	0.7	1.3	0.8	-1.8	-1.5	-2.1	-1.6	±4
82	-0.9	-3.0	18.2	-21.7	-21.3	-21.9	-21.6	0.5	0.1	0.6	0.3	-1.4	-1.0	-1.5	-1.2	±4
83	-1.0	-3.2	18.3	-20.2	-19.7	-20.4	-20.1	-1.2	-1.7	-1.1	-1.3	0.2	0.7	0.1	0.3	±4
84	-1.2	-3.2	18.2	-18.6	-18.0	-18.8	-18.5	-2.8	-3.4	-2.7	-2.9	1.6	2.2	1.5	1.7	±4
85	-1.3	-3.2	18.2	-18.6	-18.0	-18.7	-18.5	-2.8	-3.4	-2.7	-2.9	1.5	2.1	1.4	1.6	±4
86	-1.4	-3.2	18.2	-20.0	-19.4	-20.2	-20.0	-1.4	-2.0	-1.3	-1.4	0.0	0.6	-0.1	0.0	±4
87	-1.5	-3.2	18.4	-21.3	-20.7	-21.4	-21.2	-0.2	-0.9	-0.1	-0.3	-1.3	-0.6	-1.4	-1.2	±4
88	-1.6	-3.2	18.5	-21.4	-20.7	-21.5	-21.5	-0.2	-1.0	-0.2	-0.2	-1.4	-0.6	-1.4	-1.4	±4
89	-1.7	-3.1	18.5	-20.5	-19.7	-20.6	-20.6	-1.2	-2.0	-1.1	-1.0	-0.5	0.3	-0.6	-0.7	±4
90	-1.8	-3.1	18.5	-19.1	-18.2	-19.2	-19.2	-2.5	-3.4	-2.4	-2.4	0.7	1.6	0.6	0.6	±4
91	-1.9	-2.9	18.5	-18.5	-17.7	-18.6	-18.6	-2.9	-3.7	-2.8	-2.8	1.0	1.8	0.9	0.9	±4
92	-2.0	-2.9	18.6	-19.4	-18.6	-19.5	-19.5	-2.1	-2.8	-2.0	-1.9	0.1	0.8	0.0	-0.1	±4
93	-2.1	-2.9	18.7	-20.7	-19.9	-20.7	-20.7	-0.9	-1.7	-0.9	-0.9	-1.2	-0.4	-1.2	-1.2	±4
94	-2.2	-2.9	18.7	-21.2	-20.4	-21.2	-21.2	-0.4	-1.2	-0.4	-0.4	-1.8	-1.0	-1.8	-1.8	±4
95	-2.3	-2.9	18.7	-20.8	-20.0	-20.7	-20.8	-0.8	-1.6	-0.9	-0.8	-1.5	-0.7	-1.4	-1.5	±4
96	-2.4	-2.9	18.8	-19.6	-18.9	-19.5	-19.7	-2.2	-2.9	-2.3	-2.1	-0.2	0.5	-0.1	-0.3	±4
97	-2.5	-3.0	19.0	-18.5	-18.0	-18.4	-18.6	-3.4	-4.0	-3.5	-3.4	0.9	1.5	1.0	0.9	±4
98	-2.6	-3.0	19.1	-18.6	-18.2	-18.6	-18.7	-3.6	-3.9	-3.6	-3.5	1.0	1.3	1.0	0.9	±4
99	-2.7	-3.1	19.2	-19.7	-19.4	-19.6	-19.8	-2.6	-2.9	-2.7	-2.5	-0.1	0.2	0.0	-0.2	±4
100	-2.8	-3.1	19.2	-20.5	-20.2	-20.4	-20.6	-1.9	-2.2	-1.9	-1.8	-0.9	-0.6	-0.9	-1.0	±4
105	-3.2	-3.3	19.8	-19.0	-19.4	-19.2	-19.2	-4.1	-3.7	-3.9	-3.8	0.9	0.5	0.7	0.6	±4
110	-3.6	-3.4	20.4	-18.2	-19.0	-18.5	-18.3	-5.5	-4.7	-5.3	-5.4	1.9	1.1	1.7	1.8	±4
115	-4.0	-3.5	20.9	-18.9	-19.9	-19.1	-19.0	-5.6	-4.6	-5.4	-5.5	1.6	0.6	1.4	1.5	±4
120	-4.4	-3.5	21.5	-20.4	-21.4	-20.3	-20.5	-4.7	-3.7	-4.8	-4.6	0.3	-0.7	0.4	0.2	±4
125	-4.8	-3.6	22.2	-21.0	-22.1	-20.8	-21.2	-4.8	-3.7	-4.9	-4.6	0.0	-1.1	0.1	-0.2	±4
130	-5.1	-3.8	22.7	-20.8	-21.4	-20.4	-20.9	-5.7	-5.1	-6.1	-5.5	0.6	0.0	1.0	0.4	±4
135	-5.4	-3.9	23.2	-21.0	-20.6	-20.5	-21.4	-6.1	-6.5	-6.6	-5.7	0.7	1.1	1.2	0.3	±4
140	-5.8	-3.9	23.5	-22.0	-20.7	-21.6	-22.3	-5.4	-6.7	-5.8	-5.1	-0.4	0.9	0.0	-0.7	±4
145	-6.0	-4.1	23.8	-22.1	-20.9	-22.2	-22.1	-5.7	-6.9	-5.6	-5.7	-0.3	0.9	-0.4	-0.3	±4
150	-6.3	-3.9	23.9	-21.3	-20.6	-21.7	-21.0	-6.5	-7.2	-6.2	-6.9	0.2	0.9	-0.1	0.6	±4

校 准 结 果
RESULTS OF CALIBRATION

155	-6.5	-3.8	24.0	-21.0	-20.9	-21.0	-20.7	-6.7	-6.9	-6.8	-7.0	0.2	0.4	0.3	0.5	±4
160	-6.7	-4.0	24.1	-20.9	-20.9	-20.6	-20.9	-7.1	-7.2	-7.4	-7.2	0.4	0.5	0.7	0.5	±4
165	-6.8	-3.9	24.3	-21.2	-21.3	-20.9	-21.2	-7.0	-6.9	-7.4	-7.1	0.2	0.1	0.6	0.3	±4
170	-6.9	-3.8	24.7	-21.8	-22.1	-21.5	-21.9	-6.7	-6.4	-7.1	-6.6	-0.2	-0.5	0.2	-0.3	±4
175	-7.0	-4.0	25.3	-22.2	-22.8	-22.0	-22.5	-7.1	-6.5	-7.3	-6.8	0.1	-0.5	0.3	-0.2	±4
180	-7.2	-3.9	26.2	-22.3	-23.0	-22.4	-22.7	-7.9	-7.1	-7.8	-7.5	0.7	-0.1	0.6	0.3	±4
185	-7.5	-4.1	27.3	-22.7	-22.7	-22.9	-23.0	-8.7	-8.7	-8.5	-8.3	1.2	1.2	1.0	0.8	±4
190	-7.8	-4.2	28.3	-24.0	-23.5	-23.4	-24.1	-8.6	-9.0	-9.2	-8.5	0.8	1.2	1.4	0.7	±4
195	-8.1	-4.1	29.1	-25.1	-25.2	-24.6	-25.4	-8.1	-8.0	-8.6	-7.8	0.0	-0.1	0.5	-0.3	±4
200	-8.4	-4.2	29.8	-25.3	-25.5	-25.1	-25.7	-8.6	-8.4	-8.8	-8.2	0.2	0.0	0.4	-0.2	±4
205	-8.7	-4.1	24.7	-20.0	-19.8	-19.9	-19.9	-8.8	-9.0	-8.9	-8.9	0.1	0.3	0.3	0.2	±4
210	-8.9	-4.2	24.0	-19.3	-19.0	-19.1	-19.3	-8.9	-9.2	-9.1	-8.9	0.0	0.3	0.2	0.0	±4
215	-9.2	-4.2	23.5	-19.0	-18.7	-19.1	-19.3	-8.7	-9.0	-8.6	-8.3	-0.5	-0.2	-0.6	-0.8	±4
220	-9.4	-4.0	23.2	-18.0	-17.7	-17.9	-18.4	-9.2	-9.5	-9.3	-8.8	-0.2	0.1	-0.1	-0.6	±4
225	-9.6	-4.1	23.1	-18.2	-18.2	-18.1	-18.8	-9.0	-8.9	-9.1	-8.3	-0.6	-0.7	-0.5	-1.3	±4
230	-9.8	-4.0	23.3	-18.0	-17.9	-17.8	-18.4	-9.3	-9.4	-9.5	-8.9	-0.5	-0.4	-0.3	-0.9	±4
235	-10.0	-4.1	23.6	-17.9	-17.9	-17.9	-18.0	-9.7	-9.7	-9.7	-9.6	-0.3	-0.3	-0.3	-0.4	±4
240	-10.2	-4.2	24.0	-17.6	-17.6	-17.6	-17.7	-10.5	-10.5	-10.5	-10.5	0.3	0.3	0.3	0.3	±4
245	-10.4	-4.2	24.3	-18.5	-18.3	-18.5	-18.6	-10.0	-10.2	-10.0	-9.9	-0.4	-0.2	-0.4	-0.5	±4
250	-10.6	-4.4	24.6	-18.3	-18.2	-18.4	-18.5	-10.7	-10.8	-10.6	-10.6	0.1	0.2	0.0	0.0	±4
255	-10.8	-4.6	24.9	-18.7	-18.7	-18.9	-18.8	-10.8	-10.8	-10.6	-10.7	0.0	0.0	-0.2	-0.1	±4
260	-11.0	-4.6	25.3	-18.4	-18.6	-18.6	-18.7	-11.5	-11.3	-11.3	-11.2	0.5	0.3	0.3	0.2	±4
265	-11.2	-4.7	25.8	-18.8	-19.0	-18.8	-19.3	-11.7	-11.4	-11.6	-11.2	0.6	0.3	0.5	0.0	±4
270	-11.3	-4.7	26.2	-18.5	-18.7	-18.6	-18.9	-12.4	-12.2	-12.3	-12.0	1.1	0.9	1.0	0.7	±4
275	-11.5	-4.8	26.5	-19.3	-19.5	-19.4	-19.4	-12.0	-11.9	-11.9	-11.9	0.5	0.4	0.4	0.4	±4
280	-11.7	-5.1	26.8	-18.7	-18.8	-18.9	-18.7	-13.2	-13.0	-13.0	-13.2	1.5	1.3	1.3	1.5	±4
285	-11.9	-5.0	26.9	-19.8	-20.0	-20.1	-19.8	-12.2	-12.0	-11.9	-12.2	0.3	0.1	0.1	0.3	±4
290	-12.0	-4.9	27.0	-19.7	-19.8	-19.8	-19.8	-12.3	-12.1	-12.2	-12.2	0.3	0.1	0.2	0.2	±4
295	-12.2	-5.0	27.2	-20.1	-19.9	-19.9	-20.3	-12.1	-12.3	-12.3	-11.9	0.0	0.1	0.1	-0.2	±4
300	-12.3	-5.0	27.4	-19.7	-19.7	-19.8	-20.0	-12.7	-12.7	-12.7	-12.4	0.4	0.4	0.4	0.1	±4
305	-12.5	-5.2	27.7	-20.0	-20.1	-20.0	-20.3	-12.9	-12.7	-12.9	-12.6	0.4	0.3	0.4	0.2	±4
310	-12.6	-5.1	28.1	-20.0	-20.1	-19.9	-20.2	-13.2	-13.1	-13.2	-13.0	0.6	0.5	0.6	0.4	±4
315	-12.8	-5.1	28.3	-20.5	-20.6	-20.6	-20.6	-12.9	-12.8	-12.8	-12.8	0.2	0.0	0.1	0.0	±4
320	-12.9	-5.2	28.5	-20.2	-20.3	-20.3	-20.3	-13.5	-13.5	-13.4	-13.4	0.6	0.6	0.5	0.5	±4
325	-13.1	-5.2	28.7	-20.7	-20.6	-20.6	-20.8	-13.2	-13.4	-13.3	-13.1	0.1	0.3	0.3	0.1	±4
330	-13.2	-5.5	28.9	-20.9	-20.7	-20.8	-20.9	-13.5	-13.7	-13.6	-13.6	0.3	0.5	0.4	0.4	±4
335	-13.3	-5.5	29.1	-21.1	-21.0	-21.0	-20.9	-13.5	-13.6	-13.5	-13.6	0.2	0.3	0.2	0.3	±4
340	-13.4	-5.3	29.3	-21.4	-21.2	-21.3	-21.3	-13.3	-13.4	-13.3	-13.3	-0.1	0.0	-0.1	-0.1	±4
345	-13.6	-5.8	29.5	-21.2	-21.1	-21.1	-21.5	-14.0	-14.1	-14.1	-13.7	0.5	0.6	0.6	0.2	±4
350	-13.7	-5.6	29.7	-21.1	-21.1	-20.9	-21.4	-14.2	-14.3	-14.4	-13.9	0.5	0.6	0.7	0.2	±4
355	-13.8	-5.9	30.0	-21.2	-21.3	-21.1	-21.5	-14.8	-14.7	-14.8	-14.4	1.0	0.9	1.0	0.6	±4
360	-13.9	-6.0	30.3	-21.3	-21.5	-21.2	-21.5	-15.0	-14.8	-15.1	-14.8	1.1	0.9	1.2	0.9	±4
365	-14.1	-5.7	30.6	-21.5	-21.8	-21.6	-21.7	-14.8	-14.5	-14.7	-14.6	0.7	0.5	0.7	0.6	±4

校 准 结 果
RESULTS OF CALIBRATION

370	-14.2	-5.7	30.9	-21.8	-22.0	-21.7	-22.0	-14.8	-14.6	-14.9	-14.6	0.6	0.4	0.7	0.4	±4
375	-14.3	-5.7	31.1	-21.6	-21.8	-21.7	-22.1	-15.2	-15.0	-15.1	-14.8	0.9	0.7	0.8	0.5	±4
380	-14.4	-5.6	31.3	-22.5	-22.7	-22.7	-22.9	-14.4	-14.2	-14.3	-14.0	0.0	-0.2	-0.1	-0.4	±4
385	-14.5	-5.5	31.5	-21.9	-22.1	-22.0	-22.4	-15.2	-14.9	-15.1	-14.7	0.7	0.4	0.6	0.2	±4
390	-14.6	-5.5	31.7	-22.3	-22.6	-22.5	-22.8	-14.9	-14.6	-14.7	-14.4	0.3	0.0	0.1	-0.2	±4
395	-14.8	-5.6	31.8	-22.4	-22.6	-22.6	-22.7	-15.0	-14.8	-14.8	-14.7	0.3	0.1	0.1	0.0	±4
400	-14.9	-5.8	32.0	-22.7	-22.6	-22.7	-22.7	-15.1	-15.2	-15.1	-15.1	0.2	0.3	0.2	0.2	±4
405	-15.0	-5.8	32.2	-22.6	-22.5	-22.7	-22.8	-15.4	-15.5	-15.3	-15.2	0.4	0.5	0.3	0.2	±4
410	-15.1	-5.8	32.4	-23.0	-23.0	-23.0	-23.1	-15.3	-15.2	-15.3	-15.1	0.2	0.1	0.2	0.0	±4
415	-15.2	-5.9	32.7	-23.0	-23.1	-23.1	-23.2	-15.7	-15.5	-15.6	-15.5	0.5	0.3	0.4	0.3	±4
420	-15.3	-6.0	32.9	-23.7	-23.6	-23.6	-24.1	-15.3	-15.3	-15.3	-14.9	0.0	0.0	0.0	-0.4	±4
425	-15.4	-6.3	33.1	-23.2	-23.1	-23.3	-23.6	-16.2	-16.3	-16.2	-15.8	0.9	1.0	0.9	0.5	±4
430	-15.4	-6.2	33.3	-23.7	-23.6	-23.6	-23.9	-15.9	-16.0	-15.9	-15.6	0.5	0.6	0.5	0.2	±4
435	-15.5	-6.2	33.4	-23.4	-23.4	-23.2	-23.6	-16.1	-16.2	-16.4	-16.0	0.6	0.7	0.9	0.5	±4
440	-15.6	-6.3	33.6	-23.7	-23.7	-23.4	-23.6	-16.2	-16.2	-16.4	-16.2	0.6	0.6	0.8	0.6	±4
445	-15.7	-6.4	33.7	-23.7	-23.8	-23.6	-23.8	-16.3	-16.3	-16.5	-16.3	0.6	0.6	0.8	0.6	±4
450	-15.8	-6.4	33.9	-23.9	-23.9	-23.7	-24.0	-16.4	-16.4	-16.6	-16.3	0.6	0.6	0.8	0.5	±4
455	-15.9	-6.3	34.2	-23.9	-23.9	-23.8	-24.3	-16.6	-16.6	-16.7	-16.1	0.7	0.7	0.8	0.2	±4
460	-16.0	-6.2	34.4	-24.2	-24.3	-24.1	-24.6	-16.3	-16.2	-16.4	-15.9	0.3	0.2	0.4	-0.1	±4
465	-16.1	-6.6	34.6	-24.4	-24.5	-24.3	-24.7	-16.8	-16.6	-16.8	-16.4	0.7	0.5	0.7	0.3	±4
470	-16.2	-6.7	34.9	-24.8	-25.0	-24.8	-25.3	-16.9	-16.7	-16.9	-16.3	0.7	0.5	0.7	0.1	±4
475	-16.3	-6.8	35.1	-24.8	-24.8	-24.6	-25.1	-17.1	-17.1	-17.3	-16.7	0.8	0.8	1.0	0.4	±4
480	-16.4	-6.9	35.3	-25.3	-25.4	-25.2	-25.5	-16.8	-16.8	-17.0	-16.7	0.4	0.4	0.6	0.3	±4
485	-16.5	-6.6	35.4	-25.1	-25.2	-25.0	-25.2	-16.9	-16.8	-17.0	-16.8	0.4	0.3	0.5	0.3	±4
490	-16.6	-6.9	35.5	-25.2	-25.3	-25.2	-25.4	-17.2	-17.1	-17.2	-17.0	0.6	0.5	0.6	0.4	±4
495	-16.2	-6.9	35.5	-25.0	-25.2	-25.1	-25.3	-17.4	-17.2	-17.3	-17.1	1.2	1.1	1.1	1.0	±4
500	-15.7	-7.2	35.6	-25.2	-25.4	-25.4	-25.8	-17.7	-17.4	-17.4	-17.0	2.0	1.7	1.7	1.3	±4
510	-16.9	-6.9	36.0	-25.5	-25.6	-25.6	-25.8	-17.4	-17.3	-17.3	-17.1	0.5	0.4	0.4	0.2	±4
520	-17.1	-7.2	36.3	-25.8	-25.9	-25.9	-26.0	-17.7	-17.6	-17.6	-17.5	0.6	0.5	0.5	0.4	±4
530	-17.3	-6.8	36.7	-25.7	-25.8	-25.8	-26.0	-17.7	-17.7	-17.7	-17.4	0.4	0.4	0.4	0.1	±4
540	-17.4	-6.6	36.9	-25.9	-25.8	-25.9	-26.1	-17.6	-17.7	-17.7	-17.5	0.2	0.3	0.3	0.1	±4
550	-17.6	-6.7	37.3	-25.9	-26.0	-26.0	-26.2	-18.1	-17.9	-18.0	-17.8	0.5	0.3	0.4	0.2	±4
560	-17.8	-6.9	37.7	-26.4	-26.5	-26.5	-26.5	-18.2	-18.1	-18.1	-18.1	0.4	0.3	0.3	0.3	±4
570	-17.9	-6.9	38.0	-26.3	-26.4	-26.2	-26.5	-18.6	-18.5	-18.7	-18.4	0.7	0.6	0.8	0.5	±4
580	-18.1	-7.1	38.3	-26.3	-26.4	-26.2	-26.7	-19.1	-19.0	-19.1	-18.7	1.0	0.9	1.0	0.6	±4
590	-18.2	-7.3	38.4	-26.5	-26.7	-26.5	-26.7	-19.2	-19.1	-19.3	-19.1	1.0	0.9	1.1	0.9	±4
600	-18.4	-7.0	38.8	-27.1	-27.2	-27.1	-27.4	-18.6	-18.6	-18.7	-18.3	0.2	0.2	0.3	-0.1	±4
610	-18.5	-7.0	39.1	-27.4	-27.5	-27.5	-27.7	-18.8	-18.7	-18.7	-18.5	0.3	0.2	0.2	0.0	±4
620	-18.7	-7.4	39.6	-27.3	-27.4	-27.3	-27.7	-19.7	-19.6	-19.6	-19.3	1.0	0.9	0.9	0.6	±4
630	-18.8	-7.2	40.0	-28.0	-27.9	-27.9	-28.2	-19.1	-19.3	-19.3	-19.0	0.3	0.5	0.5	0.2	±4
640	-18.9	-8.0	40.5	-28.8	-28.8	-28.8	-28.7	-19.7	-19.7	-19.7	-19.8	0.8	0.8	0.8	0.9	±4
650	-19.1	-8.2	40.7	-28.9	-28.6	-28.8	-29.2	-20.0	-20.3	-20.1	-19.7	0.9	1.2	1.0	0.6	±4
660	-19.2	-8.2	40.7	-28.6	-28.7	-28.5	-28.9	-20.3	-20.3	-20.5	-20.0	1.1	1.1	1.3	0.8	±4

校 准 结 果
RESULTS OF CALIBRATION

670	-19.4	-8.4	41.0	-29.1	-29.2	-29.0	-29.1	-20.3	-20.1	-20.3	-20.2	0.9	0.7	0.9	0.8	±4
680	-19.5	-7.9	41.2	-29.1	-29.2	-29.2	-29.4	-20.0	-19.9	-19.9	-19.7	0.5	0.4	0.4	0.2	±4
690	-19.6	-8.0	41.5	-29.3	-29.3	-29.3	-29.6	-20.2	-20.2	-20.1	-19.9	0.6	0.6	0.5	0.3	±4
700	-19.7	-8.2	41.7	-28.8	-28.9	-28.9	-29.4	-21.1	-21.0	-21.0	-20.5	1.4	1.3	1.3	0.8	±4
710	-19.8	-8.3	41.9	-29.2	-29.4	-29.2	-29.4	-20.9	-20.8	-21.0	-20.8	1.1	1.0	1.2	1.0	±4
720	-19.9	-8.3	42.2	-29.6	-29.7	-29.8	-29.6	-20.8	-20.8	-20.6	-20.9	0.9	0.9	0.7	1.0	±4
730	-20.0	-8.8	42.4	-29.7	-29.8	-29.7	-30.4	-21.4	-21.4	-21.5	-20.8	1.4	1.4	1.5	0.8	±4
740	-20.2	-8.6	42.5	-29.9	-30.3	-30.1	-30.3	-21.2	-20.9	-21.1	-20.9	1.0	0.7	0.9	0.7	±4
750	-20.3	-7.9	42.8	-30.0	-30.1	-30.1	-30.2	-20.7	-20.6	-20.6	-20.5	0.4	0.3	0.3	0.2	±4
760	-20.4	-8.4	42.9	-30.1	-30.2	-30.2	-30.7	-21.3	-21.2	-21.2	-20.7	0.9	0.8	0.8	0.3	±4
770	-20.5	-8.2	43.2	-30.4	-30.6	-30.3	-30.8	-21.0	-20.8	-21.1	-20.6	0.5	0.3	0.6	0.1	±4
780	-20.6	-8.3	43.5	-30.6	-30.6	-30.5	-30.9	-21.2	-21.2	-21.3	-20.9	0.6	0.6	0.7	0.3	±4
790	-20.7	-8.9	43.7	-30.9	-31.0	-30.9	-31.2	-21.7	-21.6	-21.7	-21.4	1.0	0.9	1.0	0.7	±4
800	-20.9	-8.6	44.1	-31.3	-31.3	-31.5	-31.6	-21.3	-21.4	-21.1	-21.0	0.4	0.5	0.2	0.1	±4
810	-21.0	-9.4	44.3	-31.0	-31.1	-31.0	-31.5	-22.6	-22.6	-22.6	-22.1	1.6	1.6	1.6	1.1	±4
820	-21.1	-9.2	44.4	-31.3	-31.4	-31.5	-31.7	-22.2	-22.2	-22.1	-21.8	1.1	1.1	1.0	0.7	±4
830	-21.2	-8.4	44.7	-31.5	-31.5	-31.5	-31.4	-21.5	-21.5	-21.5	-21.6	0.3	0.3	0.3	0.4	±4
840	-21.3	-8.4	44.8	-31.6	-31.6	-31.6	-31.9	-21.6	-21.6	-21.6	-21.3	0.3	0.3	0.3	0.0	±4
850	-21.4	-9.0	45.2	-31.5	-31.6	-31.4	-31.8	-22.7	-22.6	-22.8	-22.4	1.3	1.2	1.4	1.0	±4
860	-21.5	-9.1	45.2	-32.0	-32.1	-32.0	-32.3	-22.2	-22.2	-22.2	-22.0	0.7	0.7	0.7	0.5	±4
870	-21.6	-9.0	45.5	-32.0	-32.0	-32.1	-32.2	-22.6	-22.6	-22.5	-22.3	1.0	1.0	0.9	0.7	±4
880	-21.7	-9.6	45.8	-32.2	-32.3	-32.3	-32.5	-23.2	-23.1	-23.1	-22.9	1.5	1.4	1.4	1.2	±4
890	-21.8	-9.1	46.2	-33.1	-33.1	-33.1	-33.5	-22.3	-22.2	-22.2	-21.9	0.5	0.4	0.4	0.1	±4
900	-21.9	-8.8	46.5	-33.6	-33.7	-33.7	-33.8	-21.7	-21.6	-21.6	-21.5	-0.2	-0.3	-0.3	-0.4	±4
910	-22.0	-9.0	46.9	-33.3	-33.2	-33.3	-33.5	-22.6	-22.7	-22.6	-22.4	0.6	0.7	0.6	0.4	±4
920	-22.1	-8.9	47.0	-33.3	-33.4	-33.4	-33.9	-22.6	-22.5	-22.5	-22.1	0.5	0.4	0.4	0.0	±4
930	-22.2	-9.6	47.2	-33.4	-33.3	-33.4	-33.7	-23.4	-23.5	-23.4	-23.1	1.2	1.3	1.2	0.9	±4
940	-22.3	-9.6	47.5	-33.4	-33.5	-33.5	-33.7	-23.7	-23.6	-23.6	-23.4	1.4	1.3	1.3	1.1	±4
950	-22.4	-9.5	47.6	-33.4	-33.3	-33.4	-33.8	-23.6	-23.8	-23.6	-23.3	1.2	1.4	1.2	0.9	±4
960	-22.5	-9.7	47.8	-33.8	-34.0	-34.1	-34.7	-23.7	-23.6	-23.5	-22.8	1.2	1.1	1.0	0.3	±4
970	-22.6	-9.6	48.1	-34.6	-34.6	-34.5	-34.8	-23.1	-23.1	-23.2	-22.9	0.5	0.5	0.6	0.3	±4
980	-22.6	-9.7	48.1	-34.3	-34.0	-34.2	-34.2	-23.6	-23.9	-23.6	-23.7	1.0	1.3	1.0	1.1	±4
990	-22.7	-9.9	48.4	-34.4	-34.1	-34.4	-34.6	-23.9	-24.2	-23.9	-23.7	1.2	1.5	1.2	1.0	±4
1000	-22.8	-10.0	48.3	-34.7	-34.7	-34.6	-35.1	-23.6	-23.6	-23.7	-23.1	0.8	0.8	0.9	0.3	±4

校 准 结 果
RESULTS OF CALIBRATION

天线位置（垂直极化）；测试频率范围（30 MHz-1000 MHz）；天线高度1米
Antenna location(Vertical);Test frequency range(30MHz -1000MHz),height of antenna 1m.

Freq (MHz)	Theor (dB)	Vdir (dBm)	AF (dB)	RAWC (dBm)	RAWF (dBm)	RAWR (dBm)	RAWL (dBm)	NSAC (dB)	NSAF (dB)	NSAR (dB)	NSAL (dB)	DEVC (dB)	DEVF (dB)	DEVR (dB)	DEVL (dB)	Lim (dB)
30	8.2	-1.6	27.1	-35.0	-34.9	-35.4	-35.1	6.3	6.2	6.7	6.4	1.9	2.0	1.5	1.8	±4
31	7.9	-1.6	26.5	-36.2	-36.2	-36.5	-36.6	8.1	8.1	8.4	8.5	-0.2	-0.2	-0.5	-0.6	±4
32	7.7	-1.6	25.9	-35.5	-35.3	-35.9	-35.9	8.0	7.8	8.3	8.4	-0.3	-0.1	-0.6	-0.7	±4
33	7.4	-1.6	25.5	-33.4	-33.0	-33.9	-33.4	6.3	5.9	6.8	6.3	1.1	1.5	0.6	1.1	±4
34	7.2	-1.6	25.2	-31.3	-30.4	-31.3	-31.7	4.5	4.6	4.5	4.9	2.7	2.6	2.7	2.3	±4
35	6.9	-1.6	24.7	-31.1	-30.6	-30.7	-31.2	4.8	4.3	4.4	4.9	2.1	2.6	2.5	2.0	±4
36	6.7	-1.7	24.2	-32.3	-31.6	-32.1	-33.0	6.4	5.7	6.2	7.1	0.3	1.0	0.5	-0.4	±4
37	6.5	-1.8	23.8	-33.2	-32.6	-32.9	-33.5	7.7	7.0	7.3	7.9	-1.2	-0.5	-0.8	-1.4	±4
38	6.2	-1.9	23.5	-33.8	-31.9	-32.8	-33.3	8.4	6.5	7.4	7.9	-2.2	-0.3	-1.2	-1.7	±4
39	6.0	-2.0	23.3	-31.8	-29.9	-30.9	-31.7	6.6	4.7	5.7	6.5	-0.6	1.3	0.3	-0.5	±4
40	5.8	-2.0	22.9	-28.1	-27.9	-28.3	-28.1	3.2	3.0	3.4	3.3	2.6	2.8	2.4	2.5	±4
41	5.6	-2.0	22.4	-27.4	-27.5	-27.2	-27.8	3.0	3.1	2.8	3.4	2.6	2.5	2.8	2.2	±4
42	5.4	-2.1	22.0	-28.5	-27.9	-28.0	-27.8	4.4	3.8	3.9	3.7	1.0	1.6	1.5	1.7	±4
43	5.2	-2.0	21.9	-29.6	-28.8	-29.1	-29.1	5.7	4.9	5.2	5.1	-0.5	0.3	0.0	0.1	±4
44	5.0	-2.1	21.7	-29.6	-28.8	-29.1	-29.1	5.8	5.0	5.3	5.3	-0.8	0.0	-0.3	-0.3	±4
45	4.9	-2.0	21.5	-28.1	-27.5	-27.8	-27.6	4.6	4.0	4.3	4.1	0.3	0.9	0.6	0.8	±4
46	4.7	-2.1	21.1	-25.8	-25.3	-25.3	-25.2	2.6	2.2	2.1	2.0	2.1	2.5	2.6	2.7	±4
47	4.5	-2.0	20.8	-24.8	-24.6	-25.2	-25.0	2.0	1.8	2.2	1.1	2.5	2.7	2.1	2.3	±4
48	4.3	-2.0	20.7	-26.0	-25.9	-25.6	-25.4	3.3	3.2	2.9	2.7	1.0	1.1	1.4	1.6	±4
49	4.2	-2.0	20.6	-27.2	-27.0	-26.8	-26.8	4.6	4.4	4.2	4.2	-0.4	-0.2	0.0	0.0	±4
50	4.0	-2.1	20.4	-27.4	-27.3	-27.0	-27.0	5.0	4.9	4.6	4.6	-1.0	-0.9	-0.6	-0.6	±4
51	3.9	-2.1	20.1	-26.5	-26.5	-26.1	-26.0	4.3	4.3	3.9	3.9	-0.4	-0.4	0.0	0.0	±4
52	3.7	-2.2	19.9	-24.3	-24.5	-23.9	-23.9	2.3	2.4	1.9	1.8	1.4	1.3	1.8	1.9	±4
53	3.6	-2.3	19.9	-23.4	-22.9	-23.4	-23.2	1.2	0.7	1.2	1.0	2.6	2.9	2.4	2.6	±4
54	3.4	-3.0	19.8	-23.8	-24.1	-23.4	-23.5	1.0	1.3	0.6	0.7	2.4	2.1	2.8	2.7	±4
55	3.3	-2.9	19.7	-25.2	-25.5	-24.7	-24.9	2.7	2.9	2.1	2.4	0.6	0.4	1.2	0.9	±4
56	3.1	-2.4	19.4	-25.5	-25.9	-25.2	-25.3	3.7	4.2	3.4	3.6	-0.6	-1.1	-0.3	-0.5	±4
57	3.0	-2.4	19.3	-24.8	-25.3	-24.5	-24.7	3.1	3.6	2.8	3.0	-0.1	-0.6	0.2	0.0	±4
58	2.9	-2.4	19.3	-23.0	-23.6	-22.8	-23.1	1.3	1.9	1.1	1.3	1.6	1.0	1.8	1.6	±4
59	2.8	-2.4	19.3	-22.3	-21.8	-22.2	-21.7	0.6	0.1	0.5	1.5	2.2	2.7	2.3	2.7	±4
60	2.6	-2.4	19.1	-21.9	-22.5	-21.8	-22.6	0.4	1.0	0.3	1.1	2.2	1.6	2.3	1.5	±4
61	2.5	-3.1	19.0	-23.4	-24.0	-23.4	-23.1	1.3	1.9	1.3	1.0	1.2	0.6	1.2	1.5	±4
62	2.4	-3.0	19.0	-23.9	-24.4	-24.2	-23.4	1.9	2.4	2.2	1.4	0.5	0.0	0.2	1.0	±4
63	2.3	-2.9	19.1	-23.3	-23.9	-23.9	-23.0	1.4	1.9	2.0	1.0	0.9	0.4	0.3	1.3	±4
64	2.1	-2.8	19.0	-21.6	-22.4	-22.7	-21.6	-0.2	0.6	1.0	-0.2	2.3	1.5	1.1	2.3	±4
65	2.0	-2.9	18.8	-21.6	-21.3	-21.1	-21.2	-0.1	-0.4	-0.7	-0.5	2.1	2.4	2.7	2.5	±4
66	1.9	-3.0	18.7	-21.0	-21.0	-21.0	-21.3	-0.7	-0.7	-0.7	-0.4	2.6	2.5	2.6	2.3	±4
67	1.8	-3.2	18.7	-21.6	-21.9	-22.3	-21.5	-0.3	0.0	0.4	-0.4	2.1	1.8	1.4	2.2	±4

校 准 结 果
RESULTS OF CALIBRATION

68	1.7	-3.3	18.8	-22.8	-22.8	-23.2	-22.7	0.7	0.8	1.1	0.6	1.0	0.9	0.6	1.1	±4
69	1.6	-3.4	18.8	-23.0	-22.8	-23.2	-22.8	0.8	0.6	1.0	0.6	0.8	1.0	0.6	1.0	±4
70	1.5	-2.6	18.7	-22.2	-21.7	-22.2	-21.8	0.9	0.4	0.9	0.5	0.6	1.1	0.6	1.0	±4
71	1.4	-2.6	18.7	-20.7	-20.1	-20.7	-20.2	-0.6	-1.2	-0.6	-1.1	2.0	2.6	2.0	2.5	±4
72	1.3	-3.3	18.7	-20.2	-20.6	-20.3	21.0	-1.1	-1.4	-1.6	-1.0	2.4	2.7	2.9	2.3	±4
73	1.2	-3.0	18.7	-21.5	-20.6	-21.7	-21.0	-0.3	-1.1	0.0	-0.8	1.5	2.3	1.2	2.0	±4
74	1.1	-2.9	18.7	-23.0	-22.0	-23.4	-22.5	1.4	0.4	1.7	0.8	-0.3	0.7	-0.6	0.3	±4
75	1.0	-2.9	18.6	-23.7	-22.6	-23.9	-23.2	2.2	1.1	2.4	1.8	-1.2	-0.1	-1.4	-0.8	±4
76	0.9	-2.8	18.5	-23.2	-22.0	-23.2	-22.8	1.8	0.6	1.8	1.5	-0.9	0.3	-0.9	-0.6	±4
77	0.9	-2.7	18.6	-22.0	-20.6	-21.8	-21.7	0.6	-0.7	0.5	0.4	0.3	1.6	0.4	0.5	±4
78	0.8	-2.7	18.7	-21.2	-19.6	-20.8	-21.0	-0.2	-1.8	-0.6	-0.5	1.0	2.6	1.4	1.3	±4
79	0.7	-2.7	18.8	-22.1	-20.3	-21.4	-21.9	0.6	-1.2	0.0	0.4	0.1	1.9	0.7	0.3	±4
80	0.6	-2.8	18.7	-23.7	-21.8	-22.8	-23.5	2.2	0.3	1.3	2.0	-1.6	0.3	-0.7	-1.4	±4
81	0.5	-2.9	18.6	-24.7	-22.7	-23.5	-24.6	3.1	1.1	1.9	3.0	-2.6	-0.6	-1.4	-2.5	±4
82	0.4	-3.0	18.6	-24.4	-22.4	-22.9	-24.4	2.7	0.7	1.2	2.7	-2.3	-0.3	-0.8	-2.3	±4
83	0.4	-3.2	18.7	-23.2	-21.1	-21.4	-23.2	1.3	-0.7	-0.4	1.4	-0.9	1.1	0.8	-1.0	±4
84	0.3	-3.2	18.7	-21.9	-19.9	-19.9	-22.1	0.0	-2.0	-2.0	0.2	0.3	2.3	2.3	0.1	±4
85	0.2	-3.2	18.7	-21.8	-19.9	-19.6	-22.2	-0.1	-2.0	-2.3	0.3	0.3	2.2	2.5	-0.1	±4
86	0.2	-3.2	18.7	-23.1	-21.2	-20.6	-23.5	1.2	-0.7	-1.3	1.7	-1.0	0.9	1.5	-1.5	±4
87	0.1	-3.2	18.8	-24.1	-22.4	-21.6	-24.7	2.1	0.4	-0.4	2.7	-2.0	-0.3	0.5	-2.6	±4
88	0.0	-3.2	18.9	-24.2	-22.5	-21.6	-24.8	2.0	0.4	-0.5	2.7	-2.0	-0.4	0.5	-2.7	±4
89	-0.1	-3.1	19.0	-23.2	-21.7	-20.6	-24.0	1.1	-0.4	-1.5	1.9	-1.2	0.3	1.4	-2.0	±4
90	-0.1	-3.1	18.9	-21.8	-20.5	-19.1	-22.7	-0.3	-1.5	-2.9	0.7	0.2	1.4	2.8	-0.8	±4
91	-0.2	-2.9	18.9	-21.1	-20.2	-19.2	-22.1	-0.7	-1.6	-2.6	0.3	0.5	1.4	2.4	-0.5	±4
92	-0.2	-2.9	19.0	-21.7	-21.1	-19.0	-22.8	-0.1	-0.7	-2.9	0.9	-0.1	0.5	2.7	-1.1	±4
93	-0.3	-2.9	19.1	-22.7	-22.3	-20.0	-23.8	0.8	0.4	-2.0	1.8	-1.1	-0.7	1.7	-2.1	±4
94	-0.4	-2.9	19.1	-23.0	-22.9	-20.4	-24.0	1.0	0.9	-1.6	2.0	-1.4	-1.3	1.2	-2.4	±4
95	-0.4	-2.9	19.1	-22.4	-22.5	-19.9	-23.4	0.4	0.6	-2.1	1.5	-0.8	-1.0	1.7	-1.9	±4
96	-0.5	-2.9	19.1	-21.2	-21.6	-18.8	-22.2	-0.8	-0.5	-3.3	0.1	0.3	0.0	2.8	-0.6	±4
97	-0.5	-3.0	19.2	-20.3	-20.9	-19.4	-21.2	-1.9	-1.3	-2.8	-1.0	1.4	0.8	2.3	0.5	±4
98	-0.6	-3.0	19.4	-20.4	-21.3	-19.2	-21.2	-2.0	-1.1	-3.2	-1.2	1.4	0.5	2.6	0.6	±4
99	-0.6	-3.1	19.4	-21.2	-22.2	-19.1	-22.0	-1.3	-0.3	-3.4	-0.4	0.7	-0.3	2.8	-0.2	±4
100	-0.7	-3.1	19.4	-21.7	-22.8	-19.8	-22.5	-0.8	0.3	-2.7	0.0	0.1	-1.0	2.0	-0.7	±4
105	-1.1	-3.3	19.7	-20.4	-21.8	-19.2	-21.0	-2.6	-1.2	-3.8	-2.0	1.5	0.1	2.7	0.9	±4
110	-1.1	-3.4	20.1	-20.4	-21.0	-19.5	-21.2	-3.0	-2.5	-3.9	-2.3	1.9	1.4	2.8	1.2	±4
115	-1.3	-3.5	20.4	-21.8	-21.1	-20.8	-23.1	-2.2	-2.9	-3.2	-0.9	0.9	1.6	1.9	-0.4	±4
120	-1.5	-3.5	20.8	-23.0	-21.6	-22.3	-24.6	-1.3	-2.7	-2.1	0.2	-0.2	1.2	0.6	-1.7	±4
125	-1.6	-3.6	21.3	-23.8	-22.6	-24.1	-24.1	-1.0	-2.2	-0.7	-0.7	-0.6	0.6	-0.9	-0.9	±4
130	-1.7	-3.8	21.7	-23.5	-23.8	-25.8	-23.0	-2.0	-1.6	0.3	-2.4	0.3	-0.1	-2.0	0.7	±4
135	-1.7	-3.9	22.1	-22.7	-24.7	-27.5	-21.7	-3.4	-1.3	1.4	-4.4	1.7	-0.4	-3.1	2.7	±4
140	-1.8	-3.9	22.4	-23.2	-26.8	-29.8	-22.7	-3.1	0.5	3.5	-3.6	1.3	-2.3	-5.3	1.8	±4
145	-1.8	-4.1	22.8	-24.8	-27.8	-27.8	-22.5	-2.1	0.9	0.9	-4.4	0.3	-2.7	-2.7	2.6	±4
150	-1.8	-3.9	23.2	-25.5	-26.8	-24.3	-22.6	-1.5	-0.2	-2.7	-4.5	-0.3	-1.6	0.9	2.7	±4

校 准 结 果
RESULTS OF CALIBRATION

155	-1.7	-3.8	23.4	-25.1	-26.1	-23.2	-24.0	-2.0	-1.1	-4.0	-3.2	0.3	-0.6	2.3	1.5	±4
160	-1.7	-4.0	23.6	-24.4	-25.9	-23.4	-25.4	-3.2	-1.7	-4.2	-2.2	1.5	0.0	2.5	0.5	±4
165	-1.6	-3.9	24.0	-24.6	-26.2	-24.3	-27.8	-3.3	-1.7	-3.6	-0.1	1.7	0.1	2.0	-1.5	±4
170	-1.5	-3.8	24.3	-25.6	-26.5	-27.0	-29.2	-2.5	-1.7	-1.1	1.1	1.0	0.2	-0.4	-2.6	±4
175	-1.3	-4.0	24.7	-26.7	-26.5	-29.1	-30.1	-2.0	-2.2	0.4	1.4	0.7	0.9	-1.7	-2.7	±4
180	-1.3	-3.9	25.3	-27.8	-26.1	-29.5	-31.0	-1.4	-3.1	0.3	1.8	0.1	1.8	-1.6	-3.1	±4
185	-1.9	-4.1	26.4	-28.1	-26.0	-29.2	-32.4	-2.4	-4.4	-1.3	1.9	0.5	2.5	-0.6	-3.8	±4
190	-2.5	-4.2	27.6	-29.0	-26.9	-28.6	-32.4	-2.8	-5.0	-3.2	0.6	0.3	2.5	0.7	-3.1	±4
195	-3.1	-4.1	28.6	-30.6	-29.2	-29.1	-31.6	-2.1	-3.6	-3.6	-1.1	-1.0	0.5	0.5	-2.0	±4
200	-3.6	-4.2	29.6	-31.3	-31.8	-29.5	-30.3	-2.4	-1.9	-4.2	-3.4	-1.2	-1.7	0.6	-0.2	±4
205	-4.1	-4.1	24.6	-23.6	-23.2	-22.9	-22.6	-5.1	-5.6	-5.9	-6.2	1.0	1.5	1.8	2.1	±4
210	-4.6	-4.2	24.5	-23.1	-22.5	-22.0	-21.9	-5.6	-6.1	-6.7	-6.7	1.0	1.5	2.1	2.1	±4
215	-5.1	-4.2	24.1	-22.8	-22.4	-21.8	-21.8	-5.5	-5.9	-6.5	-6.5	0.4	0.8	1.4	1.5	±4
220	-5.5	-4.0	23.9	-21.8	-21.2	-20.7	-20.8	-6.2	-6.8	-7.3	-7.2	0.7	1.3	1.8	1.7	±4
225	-5.9	-4.1	23.9	-22.2	-21.3	-21.3	-21.1	-5.8	-6.7	-6.7	-6.9	-0.1	0.8	0.8	1.0	±4
230	-6.3	-4.0	24.0	-21.6	-20.7	-21.0	-21.0	-6.4	-7.3	-7.0	-7.0	0.1	1.0	0.7	0.7	±4
235	-6.7	-4.1	24.0	-21.6	-20.7	-21.0	-21.2	-6.4	-7.3	-7.0	-6.8	-0.2	0.7	0.4	0.2	±4
240	-7.0	-4.2	24.3	-21.3	-20.4	-20.4	-21.2	-7.1	-8.0	-8.0	-7.3	0.1	1.0	1.0	0.3	±4
245	-7.4	-4.2	24.5	-21.6	-21.1	-21.0	-21.9	-7.0	-7.6	-7.6	-6.7	-0.3	0.3	0.3	-0.6	±4
250	-7.7	-4.4	24.8	-21.0	-20.6	-20.5	-21.7	-8.1	-8.6	-8.6	-7.5	0.4	0.9	0.9	-0.2	±4
255	-8.1	-4.6	25.1	-21.1	-20.9	-21.0	-21.8	-8.5	-8.7	-8.6	-7.8	0.4	0.6	0.6	-0.3	±4
260	-8.4	-4.6	25.2	-20.8	-20.8	-21.0	-21.3	-8.9	-9.0	-8.8	-8.5	0.5	0.6	0.4	0.1	±4
265	-8.6	-4.7	25.2	-21.5	-21.4	-21.1	-21.8	-8.4	-8.5	-8.8	-8.1	-0.2	-0.1	0.3	-0.5	±4
270	-8.7	-4.7	25.7	-21.4	-21.1	-20.9	-21.5	-9.0	-9.4	-9.5	-9.0	0.3	0.7	0.8	0.3	±4
275	-8.8	-4.8	26.2	-21.8	-21.4	-21.7	-21.9	-9.2	-9.6	-9.3	-9.1	0.4	0.8	0.5	0.3	±4
280	-8.9	-5.1	26.7	-20.7	-20.7	-20.5	-20.9	-11.0	-11.1	-11.3	-10.9	2.1	2.2	2.4	2.0	±4
285	-9.5	-5.0	27.1	-21.7	-21.7	-21.1	-21.6	-10.3	-10.4	-11.0	-10.5	0.9	1.0	1.5	1.0	±4
290	-10.0	-4.9	27.2	-21.5	-21.2	-21.0	-21.1	-10.6	-10.9	-11.2	-11.0	0.6	0.9	1.2	1.0	±4
295	-10.3	-5.0	27.1	-21.7	-21.2	-21.1	-21.4	-10.4	-10.9	-11.0	-10.7	0.2	0.7	0.8	0.5	±4
300	-10.5	-5.0	27.1	-21.4	-20.8	-20.7	-21.0	-10.8	-11.4	-11.4	-11.2	0.3	0.9	0.9	0.7	±4
305	-10.7	-5.2	27.2	-21.4	-20.9	-20.9	-21.3	-11.0	-11.5	-11.6	-11.1	0.3	0.8	0.9	0.4	±4
310	-10.9	-5.1	27.3	-21.5	-21.3	-21.0	-21.6	-10.9	-11.1	-11.3	-10.8	0.0	0.2	0.4	-0.1	±4
315	-11.1	-5.1	27.6	-21.9	-21.9	-21.5	-22.2	-10.9	-10.8	-11.2	-10.6	-0.2	-0.3	0.1	-0.5	±4
320	-11.3	-5.2	28.1	-21.3	-21.3	-21.4	-21.3	-12.0	-12.0	-11.9	-11.9	0.7	0.7	0.6	0.6	±4
325	-11.5	-5.2	28.3	-21.6	-21.5	-21.7	-21.8	-11.9	-12.0	-11.8	-11.7	0.4	0.5	0.3	0.2	±4
330	-11.7	-5.5	28.4	-21.6	-21.5	-21.5	-21.7	-12.4	-12.5	-12.5	-12.3	0.7	0.8	0.8	0.6	±4
335	-11.9	-5.5	28.4	-21.6	-21.3	-21.3	-21.4	-12.4	-12.6	-12.6	-12.5	0.5	0.7	0.7	0.6	±4
340	-12.1	-5.3	28.5	-21.7	-21.4	-21.5	-21.6	-12.1	-12.5	-12.4	-12.3	0.0	0.4	0.3	0.2	±4
345	-12.3	-5.8	28.7	-21.7	-21.3	-21.2	-21.7	-12.8	-13.1	-13.2	-12.8	0.5	0.8	0.9	0.5	±4
350	-12.5	-5.6	28.9	-21.8	-21.4	-21.4	-21.8	-12.8	-13.1	-13.2	-12.8	0.3	0.6	0.7	0.3	±4
355	-12.7	-5.9	29.2	-21.9	-21.5	-21.7	-22.1	-13.3	-13.6	-13.5	-13.0	0.6	1.0	0.8	0.4	±4
360	-12.8	-6.0	29.6	-22.0	-21.7	-21.6	-22.4	-13.6	-13.9	-14.0	-13.1	0.8	1.1	1.2	0.3	±4
365	-13.0	-5.7	30.0	-22.0	-21.6	-21.5	-22.2	-13.7	-14.1	-14.2	-13.5	0.8	1.2	1.3	0.6	±4

校 准 结 果
RESULTS OF CALIBRATION

370	-13.1	-5.7	30.3	-22.1	-21.7	-21.7	-22.4	-13.9	-14.3	-14.3	-13.6	0.8	1.2	1.2	0.5	±4
375	-13.3	-5.7	30.4	-22.1	-21.9	-21.7	-22.3	-14.0	-14.3	-14.4	-13.8	0.7	1.0	1.1	0.5	±4
380	-13.5	-5.6	30.6	-23.1	-22.8	-22.7	-23.0	-13.2	-13.4	-13.5	-13.3	-0.3	-0.1	0.0	-0.2	±4
385	-13.7	-5.5	30.7	-22.3	-22.2	-22.2	-22.1	-13.9	-14.1	-14.0	-14.1	0.3	0.4	0.4	0.5	±4
390	-13.8	-5.5	30.9	-22.8	-22.7	-22.6	-22.7	-13.6	-13.7	-13.8	-13.7	-0.2	-0.1	0.0	-0.1	±4
395	-13.9	-5.6	31.1	-22.8	-22.8	-22.5	-22.8	-13.8	-13.8	-14.1	-13.9	-0.1	-0.1	0.2	0.0	±4
400	-14.0	-5.8	31.2	-23.0	-22.7	-22.6	-22.9	-14.0	-14.3	-14.4	-14.1	0.0	0.3	0.4	0.1	±4
405	-14.2	-5.8	31.5	-22.9	-22.6	-22.5	-22.7	-14.3	-14.6	-14.7	-14.5	0.1	0.4	0.6	0.3	±4
410	-14.3	-5.8	31.7	-23.1	-22.9	-22.7	-23.0	-14.4	-14.6	-14.8	-14.5	0.1	0.3	0.5	0.2	±4
415	-14.5	-5.9	31.9	-22.9	-22.6	-22.7	-23.0	-14.9	-15.2	-15.1	-14.8	0.4	0.7	0.7	0.3	±4
420	-14.6	-6.0	32.1	-23.6	-23.4	-23.4	-23.5	-14.5	-14.6	-14.6	-14.5	-0.1	0.0	0.0	-0.1	±4
425	-14.7	-6.3	32.2	-23.3	-23.3	-23.1	-23.4	-15.2	-15.3	-15.5	-15.1	0.5	0.6	0.8	0.4	±4
430	-14.8	-6.2	32.4	-23.8	-23.7	-23.5	-23.9	-14.8	-14.9	-15.2	-14.8	0.0	0.1	0.4	0.0	±4
435	-15.0	-6.2	32.6	-23.5	-23.4	-23.4	-23.7	-15.3	-15.4	-15.4	-15.1	0.3	0.5	0.5	0.1	±4
440	-15.1	-6.3	32.8	-23.7	-23.5	-23.6	-23.9	-15.4	-15.6	-15.5	-15.2	0.3	0.5	0.4	0.1	±4
445	-15.2	-6.4	33.0	-23.6	-23.4	-23.6	-23.7	-15.7	-16.0	-15.8	-15.7	0.5	0.8	0.6	0.5	±4
450	-15.3	-6.4	33.2	-23.7	-23.5	-23.7	-23.8	-15.9	-16.1	-15.9	-15.8	0.6	0.8	0.6	0.5	±4
455	-15.5	-6.3	33.4	-23.8	-23.6	-23.8	-24.0	-15.9	-16.0	-15.8	-15.6	0.4	0.6	0.4	0.2	±4
460	-15.6	-6.2	33.6	-24.2	-24.1	-24.1	-24.3	-15.5	-15.7	-15.7	-15.5	-0.1	0.1	0.1	-0.1	±4
465	-15.7	-6.6	33.8	-24.3	-24.0	-24.2	-24.4	-16.0	-16.3	-16.2	-15.9	0.3	0.6	0.5	0.2	±4
470	-15.8	-6.7	34.1	-24.7	-24.5	-24.8	-25.0	-16.1	-16.4	-16.0	-15.9	0.3	0.6	0.2	0.1	±4
475	-15.9	-6.8	34.4	-24.8	-24.5	-24.7	-24.8	-16.4	-16.7	-16.5	-16.4	0.5	0.8	0.6	0.5	±4
480	-16.0	-6.9	34.6	-25.3	-24.9	-25.1	-25.2	-16.2	-16.6	-16.4	-16.3	0.2	0.6	0.4	0.3	±4
485	-16.1	-6.6	34.7	-25.1	-24.9	-25.1	-24.9	-16.3	-16.4	-16.3	-16.4	0.2	0.3	0.2	0.3	±4
490	-16.2	-6.9	34.9	-25.3	-25.3	-25.3	-25.1	-16.4	-16.5	-16.5	-16.7	0.2	0.3	0.3	0.5	±4
495	-16.3	-6.9	35.2	-25.2	-25.3	-25.3	-25.0	-16.9	-16.8	-16.8	-17.1	0.6	0.5	0.5	0.8	±4
500	-16.4	-7.2	35.4	-25.6	-25.8	-25.9	-25.4	-17.1	-16.9	-16.7	-17.2	0.7	0.5	0.3	0.8	±4
510	-16.5	-6.9	35.7	-26.3	-26.6	-26.7	-26.3	-16.3	-16.1	-16.0	-16.4	-0.2	-0.4	-0.5	-0.1	±4
520	-16.6	-7.2	36.2	-26.9	-27.0	-27.4	-27.0	-16.4	-16.4	-16.0	-16.4	-0.2	-0.2	-0.6	-0.2	±4
530	-16.7	-6.8	36.7	-27.1	-27.2	-27.6	-27.4	-16.3	-16.2	-15.9	-16.0	-0.4	-0.5	-0.8	-0.7	±4
540	-16.7	-6.6	37.2	-27.9	-27.4	-27.7	-28.1	-16.0	-16.5	-16.1	-15.8	-0.7	-0.2	-0.6	-0.9	±4
550	-16.7	-6.7	37.8	-28.5	-27.4	-27.8	-28.6	-15.9	-17.0	-16.6	-15.8	-0.8	0.3	-0.1	-0.9	±4
560	-16.7	-6.9	38.3	-28.4	-27.8	-27.8	-28.2	-16.9	-17.5	-17.4	-17.0	0.2	0.8	0.7	0.3	±4
570	-16.6	-6.9	38.3	-27.6	-28.2	-27.6	-27.5	-17.6	-17.1	-17.6	-17.7	1.0	0.5	1.0	1.1	±4
580	-16.5	-7.1	37.9	-27.4	-28.4	-27.7	-27.4	-17.6	-16.6	-17.3	-17.7	1.1	0.1	0.8	1.2	±4
590	-16.3	-7.3	37.9	-27.5	-27.9	-27.7	-27.7	-17.8	-17.3	-17.6	-17.6	1.5	1.0	1.3	1.3	±4
600	-16.3	-7.0	38.2	-28.4	-27.9	-27.8	-28.4	-16.8	-17.2	-17.3	-16.8	0.5	0.9	1.0	0.5	±4
610	-16.6	-7.0	38.7	-29.2	-28.2	-28.2	-29.0	-16.6	-17.5	-17.6	-16.8	0.0	0.9	1.0	0.2	±4
620	-16.8	-7.4	39.1	-29.1	-28.0	-28.1	-29.0	-17.4	-18.5	-18.4	-17.5	0.6	1.7	1.6	0.7	±4
630	-17.0	-7.2	39.7	-29.1	-28.7	-28.7	-29.3	-17.8	-18.2	-18.2	-17.6	0.8	1.2	1.2	0.6	±4
640	-17.2	-8.0	39.9	-29.0	-28.9	-29.0	-29.7	-18.9	-19.0	-18.9	-18.2	1.7	1.8	1.7	1.0	±4
650	-17.5	-8.2	40.0	-28.8	-29.1	-29.1	-29.4	-19.3	-19.0	-19.0	-18.7	1.8	1.5	1.5	1.2	±4
660	-17.7	-8.2	40.0	-28.9	-29.1	-28.8	-29.1	-19.2	-19.1	-19.3	-19.1	1.5	1.4	1.6	1.4	±4

校 准 结 果
RESULTS OF CALIBRATION

670	-17.9	-8.4	40.1	-29.3	-29.3	-29.0	-29.0	-19.1	-19.2	-19.5	-19.5	1.2	1.3	1.6	1.6	±4
680	-18.1	-7.9	40.2	-29.4	-29.4	-28.9	-28.9	-18.7	-18.7	-19.2	-19.2	0.6	0.6	1.1	1.1	±4
690	-18.2	-8.0	40.4	-29.8	-29.7	-29.4	-29.4	-18.6	-18.7	-19.0	-19.0	0.4	0.5	0.8	0.8	±4
700	-18.4	-8.2	40.5	-29.5	-29.1	-29.1	-29.7	-19.2	-19.6	-19.6	-19.0	0.8	1.2	1.2	0.6	±4
710	-18.6	-8.3	40.7	-29.5	-29.2	-29.5	-30.3	-19.5	-19.8	-19.5	-18.7	0.9	1.2	0.9	0.1	±4
720	-18.8	-8.3	40.9	-29.6	-29.2	-29.6	-30.3	-19.7	-20.0	-19.7	-18.9	0.9	1.2	0.9	0.1	±4
730	-18.9	-8.8	41.0	-29.9	-29.8	-29.8	-30.3	-19.9	-20.0	-20.0	-19.5	1.0	1.1	1.1	0.6	±4
740	-19.1	-8.6	41.1	-30.2	-30.3	-29.8	-30.2	-19.6	-19.5	-20.0	-19.6	0.5	0.4	0.9	0.5	±4
750	-19.3	-7.9	41.2	-29.9	-30.1	-29.5	-29.9	-19.3	-19.0	-19.6	-19.3	0.0	-0.3	0.3	0.0	±4
760	-19.4	-8.4	41.4	-30.1	-30.1	-29.6	-29.9	-19.8	-19.8	-20.3	-20.0	0.4	0.4	0.9	0.6	±4
770	-19.6	-8.2	41.7	-30.2	-30.0	-29.8	-30.2	-19.6	-19.9	-20.1	-19.7	0.0	0.3	0.5	0.1	±4
780	-19.7	-8.3	42.1	-30.4	-30.0	-30.1	-30.2	-20.0	-20.4	-20.2	-20.2	0.3	0.7	0.5	0.5	±4
790	-19.9	-8.9	42.4	-30.8	-30.3	-30.4	-30.5	-20.4	-20.9	-20.8	-20.7	0.5	1.0	0.9	0.8	±4
800	-20.0	-8.6	42.6	-31.0	-30.8	-30.8	-31.2	-20.2	-20.4	-20.4	-20.0	0.2	0.4	0.4	0.0	±4
810	-20.2	-9.4	42.8	-30.4	-30.4	-30.5	-31.0	-21.7	-21.7	-21.6	-21.2	1.5	1.5	1.4	1.0	±4
820	-20.3	-9.2	42.9	-30.7	-31.0	-30.7	-31.3	-21.4	-21.1	-21.4	-20.8	1.1	0.8	1.1	0.5	±4
830	-20.4	-8.4	43.2	-30.6	-30.9	-31.0	-31.3	-20.9	-20.7	-20.6	-20.2	0.5	0.3	0.2	-0.2	±4
840	-20.6	-8.4	43.4	-31.2	-31.2	-31.4	-31.1	-20.6	-20.7	-20.5	-20.7	0.0	0.1	-0.1	0.1	±4
850	-20.7	-9.0	43.6	-31.5	-31.3	-31.5	-30.9	-21.1	-21.3	-21.1	-21.7	0.4	0.6	0.4	1.0	±4
860	-20.8	-9.1	43.5	-32.1	-31.8	-32.5	-31.3	-20.5	-20.9	-20.1	-21.3	-0.3	0.1	-0.7	0.5	±4
870	-21.0	-9.0	43.8	-32.1	-31.9	-32.6	-31.9	-20.7	-21.0	-20.2	-21.0	-0.3	0.0	-0.8	0.0	±4
880	-21.1	-9.6	44.3	-32.5	-32.3	-32.6	-32.5	-21.4	-21.6	-21.3	-21.4	0.3	0.5	0.2	0.3	±4
890	-21.2	-9.1	44.9	-33.4	-33.4	-33.3	-33.6	-20.7	-20.7	-20.7	-20.5	-0.5	-0.5	-0.5	-0.7	±4
900	-21.3	-8.8	45.5	-34.1	-33.9	-33.9	-34.1	-20.3	-20.4	-20.5	-20.3	-1.0	-0.9	-0.8	-1.0	±4
910	-21.4	-9.0	46.2	-33.8	-33.7	-33.5	-34.0	-21.4	-21.5	-21.7	-21.2	0.0	0.1	0.3	-0.2	±4
920	-21.6	-8.9	46.8	-34.1	-33.9	-33.8	-34.3	-21.6	-21.8	-21.9	-21.4	0.0	0.2	0.3	-0.2	±4
930	-21.7	-9.6	47.1	-33.8	-33.6	-33.5	-34.1	-22.9	-23.0	-23.2	-22.6	1.2	1.3	1.5	0.9	±4
940	-21.8	-9.6	47.1	-33.6	-33.5	-33.4	-33.4	-23.1	-23.2	-23.3	-23.3	1.3	1.4	1.5	1.5	±4
950	-21.9	-9.5	47.3	-33.6	-33.4	-33.2	-33.3	-23.2	-23.4	-23.7	-23.6	1.3	1.5	1.8	1.7	±4
960	-22.0	-9.7	47.5	-34.6	-34.4	-34.2	-34.3	-22.6	-22.8	-22.9	-22.9	0.6	0.8	0.9	0.9	±4
970	-22.1	-9.6	47.6	-34.9	-34.8	-34.8	-35.0	-22.3	-22.4	-22.4	-22.2	0.2	0.3	0.3	0.1	±4
980	-22.2	-9.7	47.7	-34.2	-34.3	-34.1	-34.3	-23.2	-23.1	-23.3	-23.1	1.0	0.9	1.1	0.9	±4
990	-22.3	-9.9	47.7	-34.4	-34.0	-34.3	-34.6	-23.3	-23.7	-23.4	-23.1	1.0	1.4	1.1	0.8	±4
1000	-22.4	-10.0	47.7	-34.5	-34.3	-34.5	-34.6	-23.2	-23.4	-23.2	-23.0	0.8	1.0	0.8	0.6	±4

校 准 结 果
RESULTS OF CALIBRATION

天线位置（垂直极化）；测试频率范围（30 MHz-1000 MHz）；天线高度1.5米
Antenna location(vertical);Test frequency range(30MHz -1000MHz),height of antenna 1.5m.

Freq (MHz)	Theor (dB)	Vdir (dBm)	AF (dB)	RAWC (dBm)	RAWF (dBm)	RAWR (dBm)	RAWL (dBm)	NSAC (dB)	NSAF (dB)	NSAR (dB)	NSAL (dB)	DEVC (dB)	DEVF (dB)	DEVR (dB)	DEVL (dB)	Lim (dB)
30	9.3	-1.6	26.9	-36.2	-37.0	-36.3	-36.6	7.7	8.5	7.7	8.0	1.6	0.8	1.6	1.3	±4
31	9.0	-1.6	26.3	-39.2	-40.2	-39.1	-38.6	11.3	12.2	11.2	10.7	-2.3	-3.2	-2.2	-1.7	±4
32	8.8	-1.6	25.7	-39.5	-39.1	-40.1	-39.2	12.2	11.8	12.7	11.9	-3.4	-3.0	-3.9	-3.1	±4
33	8.5	-1.6	25.3	-36.8	-35.5	-37.3	-37.0	9.9	8.6	10.4	10.1	-1.4	-0.1	-1.9	-1.6	±4
34	8.3	-1.6	25.0	-32.7	-32.3	-33.2	-33.1	6.2	5.7	6.6	6.5	2.1	2.6	1.7	1.8	±4
35	8.0	-1.6	24.5	-31.5	-31.8	-32.1	-31.8	5.4	5.7	6.0	5.6	2.6	2.3	2.0	2.4	±4
36	7.8	-1.7	24.0	-33.1	-32.0	-33.6	-33.2	7.4	6.3	7.9	7.5	0.4	1.5	-0.1	0.3	±4
37	7.6	-1.8	23.6	-34.2	-33.1	-34.6	-34.1	8.9	7.7	9.3	8.8	-1.3	-0.1	-1.7	-1.2	±4
38	7.4	-1.9	23.3	-33.6	-32.9	-34.5	-33.8	8.4	7.7	9.3	8.6	-1.0	-0.3	-1.9	-1.2	±4
39	7.2	-2.0	23.1	-31.3	-30.7	-32.4	-31.8	6.3	5.7	7.4	6.8	0.9	1.5	-0.2	0.4	±4
40	7.0	-2.0	22.7	-29.0	-29.3	-29.1	-29.0	4.3	4.6	4.4	4.4	2.7	2.4	2.6	2.6	±4
41	6.8	-2.0	22.2	-29.4	-29.1	-28.6	-28.5	5.2	4.9	4.4	4.3	1.6	1.9	2.4	2.5	±4
42	6.6	-2.1	21.8	-29.1	-28.5	-29.5	-29.0	5.2	4.6	5.6	5.1	1.4	2.0	1.0	1.5	±4
43	6.5	-2.0	21.7	-30.2	-29.7	-30.5	-30.1	6.5	6.0	6.8	6.4	0.0	0.5	-0.3	0.1	±4
44	6.3	-2.1	21.5	-30.2	-29.7	-30.6	-30.1	6.7	6.1	7.1	6.5	-0.4	0.2	-0.8	-0.2	±4
45	6.1	-2.0	21.2	-28.8	-28.3	-29.2	-28.8	5.5	5.1	5.9	5.5	0.6	1.0	0.2	0.6	±4
46	6.0	-2.1	20.9	-26.3	-26.5	-26.6	-26.1	3.3	3.5	3.7	3.2	2.7	2.5	2.3	2.8	±4
47	5.8	-2.0	20.5	-26.1	-25.7	-26.6	-26.0	3.6	3.2	4.1	3.5	2.2	2.6	1.7	2.3	±4
48	5.6	-2.0	20.4	-26.6	-26.4	-27.1	-26.6	4.2	3.9	4.6	4.2	1.4	1.7	1.0	1.4	±4
49	5.5	-2.0	20.3	-28.0	-27.8	-28.5	-27.9	5.7	5.5	6.2	5.6	-0.2	0.0	-0.7	-0.1	±4
50	5.4	-2.1	20.1	-28.1	-28.2	-28.6	-27.9	6.0	6.1	6.5	5.8	-0.6	-0.7	-1.1	-0.4	±4
51	5.2	-2.1	19.7	-27.2	-27.4	-27.6	-26.9	5.3	5.5	5.7	5.0	-0.1	-0.3	-0.5	0.2	±4
52	5.1	-2.2	19.6	-25.0	-25.5	-25.4	-24.8	3.3	3.7	3.6	3.1	1.8	1.4	1.5	2.0	±4
53	4.9	-2.3	19.6	-23.4	-24.1	-25.0	-24.0	2.7	2.3	1.9	3.1	2.1	2.6	1.8	2.8	±4
54	4.8	-3.0	19.5	-24.6	-25.5	-24.7	-24.2	2.1	3.0	2.3	1.7	2.7	1.8	2.5	3.1	±4
55	4.7	-2.9	19.3	-25.8	-26.8	-26.0	-25.6	3.6	4.6	3.9	3.4	1.1	0.1	0.8	1.3	±4
56	4.6	-2.4	19.0	-25.9	-26.9	-26.3	-25.8	4.5	5.6	5.0	4.4	0.1	-1.0	-0.4	0.2	±4
57	4.5	-2.4	18.9	-25.2	-26.2	-25.5	-25.0	3.9	5.0	4.3	3.7	0.6	-0.5	0.2	0.8	±4
58	4.3	-2.4	18.9	-23.4	-24.4	-23.8	-23.2	2.1	3.2	2.5	2.0	2.2	1.1	1.8	2.3	±4
59	4.2	-2.4	18.8	-23.0	-22.8	-23.2	-22.9	1.8	1.6	0.9	1.7	2.4	2.6	2.2	2.5	±4
60	4.1	-2.4	18.7	-22.3	-23.4	-22.8	-22.1	1.3	2.4	1.7	1.1	2.8	1.7	2.4	3.0	±4
61	4.0	-3.1	18.5	-23.8	-25.0	-24.3	-23.7	2.3	3.4	2.8	2.1	1.7	0.6	1.2	1.9	±4
62	3.9	-3.0	18.5	-24.6	-25.6	-25.1	-24.6	3.1	4.1	3.6	3.1	0.8	-0.2	0.3	0.8	±4
63	3.8	-2.9	18.5	-24.4	-25.2	-24.8	-24.3	3.0	3.8	3.4	3.0	0.8	0.0	0.4	0.8	±4
64	3.7	-2.8	18.4	-23.2	-23.7	-23.6	-22.4	1.9	2.5	2.3	1.1	1.8	1.2	1.4	2.6	±4
65	3.6	-2.9	18.3	-22.4	-22.0	-22.0	-22.5	1.2	0.8	0.8	-0.6	1.3	2.8	2.8	2.3	±4
66	3.6	-3.0	18.1	-22.4	-22.2	-22.4	-22.2	1.2	1.0	1.2	1.0	2.4	2.6	2.4	2.6	±4
67	3.5	-3.2	18.1	-22.4	-22.9	-23.0	-22.2	1.1	1.6	1.7	0.9	2.4	1.9	1.8	2.6	±4

校 准 结 果
RESULTS OF CALIBRATION

68	3.4	-3.3	18.2	-23.6	-23.9	-24.2	-23.4	2.1	2.4	2.8	1.9	1.3	1.0	0.6	1.5	±4
69	3.3	-3.4	18.2	-23.8	-23.7	-24.3	-23.6	2.2	2.1	2.8	2.0	1.1	1.2	0.5	1.3	±4
70	3.2	-2.6	18.1	-22.9	-22.6	-23.3	-22.6	2.2	1.9	2.6	1.9	1.0	1.3	0.6	1.3	±4
71	3.1	-2.6	18.0	-21.6	-21.0	-21.8	-21.1	0.9	0.4	1.1	0.4	2.2	2.7	2.0	2.7	±4
72	3.1	-3.3	18.0	-22.3	-21.6	-22.7	-22.1	1.0	0.3	1.4	0.8	2.1	2.8	1.7	2.3	±4
73	3.0	-3.0	18.1	-22.5	-21.7	-22.7	-21.9	1.5	0.6	1.6	0.9	1.5	2.4	1.4	2.1	±4
74	2.9	-2.9	18.0	-24.1	-23.1	-24.3	-23.5	3.1	2.2	3.4	2.6	-0.2	0.7	-0.5	0.3	±4
75	2.9	-2.9	17.9	-24.7	-23.7	-25.1	-24.2	3.9	2.9	4.3	3.4	-1.0	0.0	-1.4	-0.5	±4
76	2.8	-2.8	17.8	-24.2	-23.0	-24.4	-23.7	3.5	2.4	3.7	3.0	-0.7	0.4	-0.9	-0.2	±4
77	2.7	-2.7	17.9	-22.9	-21.6	-23.0	-22.4	2.3	0.9	2.3	1.8	0.4	1.8	0.4	0.9	±4
78	2.7	-2.7	18.0	-22.0	-21.0	-22.0	-21.8	1.3	-0.3	0.3	1.0	1.4	2.4	1.5	1.7	±4
79	2.6	-2.7	18.0	-22.8	-21.0	-22.6	-22.6	2.0	0.3	1.8	1.9	0.6	2.3	0.8	0.7	±4
80	2.6	-2.8	17.9	-24.5	-22.6	-24.1	-24.3	3.7	1.8	3.3	3.5	-1.1	0.8	-0.7	-0.9	±4
81	2.5	-2.9	17.9	-25.5	-23.4	-24.9	-25.3	4.7	2.6	4.0	4.5	-2.2	-0.1	-1.5	-2.0	±4
82	2.5	-3.0	17.9	-25.3	-23.1	-24.3	-24.8	4.3	2.2	3.4	3.9	-1.8	0.3	-0.9	-1.4	±4
83	2.4	-3.2	18.0	-24.1	-22.0	-22.9	-23.2	3.0	0.8	1.7	2.1	-0.6	1.6	0.7	0.3	±4
84	2.4	-3.2	18.0	-23.1	-20.7	-21.4	-21.7	1.9	-0.5	0.3	0.5	0.5	2.9	2.1	1.9	±4
85	2.3	-3.2	18.0	-23.2	-20.7	-21.3	-21.7	2.1	-0.4	0.2	0.6	0.2	2.7	2.1	1.7	±4
86	2.3	-3.2	17.9	-24.5	-22.0	-22.4	-22.8	3.4	0.9	1.3	1.6	-1.1	1.4	1.0	0.7	±4
87	2.2	-3.2	18.1	-25.6	-23.3	-23.5	-23.9	4.4	2.1	2.2	2.6	-2.2	0.1	0.0	-0.4	±4
88	2.2	-3.2	18.2	-25.7	-23.4	-23.5	-23.9	4.3	2.1	2.1	2.5	-2.1	0.1	0.1	-0.3	±4
89	2.2	-3.1	18.2	-24.8	-22.6	-22.6	-23.0	3.4	1.3	1.3	1.7	-1.2	0.9	0.9	0.5	±4
90	2.1	-3.1	18.2	-23.4	-21.6	-21.4	-21.7	2.2	0.3	0.1	0.4	-0.1	1.8	2.0	1.7	±4
91	2.1	-2.9	18.1	-22.8	-21.2	-20.6	-21.1	1.7	0.1	-0.4	0.0	0.4	2.0	2.5	2.1	±4
92	2.1	-2.9	18.2	-23.5	-22.2	-21.2	-21.5	2.4	1.1	0.1	0.4	-0.3	1.0	2.0	1.7	±4
93	2.1	-2.9	18.3	-24.4	-23.4	-22.1	-22.4	3.2	2.2	1.0	1.2	-1.1	-0.1	1.1	0.9	±4
94	2.0	-2.9	18.3	-24.7	-23.9	-22.4	-22.8	3.5	2.7	1.2	1.6	-1.5	-0.7	0.8	0.4	±4
95	2.0	-2.9	18.3	-24.0	-23.6	-21.9	-22.3	2.8	2.3	0.7	1.0	-0.8	-0.3	1.3	1.0	±4
96	2.0	-2.9	18.4	-22.7	-22.7	-20.7	-21.1	1.3	1.4	-0.6	-0.3	0.7	0.6	2.6	2.3	±4
97	2.0	-3.0	18.5	-21.6	-22.1	-21.0	-20.6	0.1	0.6	-0.5	-0.9	1.9	1.4	2.5	2.9	±4
98	1.9	-3.0	18.6	-21.7	-22.5	-21.4	-21.2	0.0	0.9	-0.2	-0.4	1.9	1.0	2.1	2.3	±4
99	1.9	-3.1	18.7	-22.4	-23.6	-21.0	-21.2	0.7	1.8	-0.8	-0.6	1.2	0.1	2.7	2.5	±4
100	1.9	-3.1	18.7	-23.0	-24.4	-21.7	-22.0	1.2	2.5	-0.1	0.2	0.7	-0.6	2.0	1.7	±4
105	1.9	-3.3	19.1	-21.8	-23.5	-21.6	-21.7	-0.5	1.2	-0.8	-0.7	2.4	0.7	2.7	2.6	±4
110	1.8	-3.4	19.5	-22.0	-23.0	-22.6	-22.1	-0.8	0.2	-0.3	-0.8	2.6	1.6	2.1	2.7	±4
115	1.9	-3.5	19.8	-23.6	-23.2	-22.4	-23.1	0.2	-0.2	-1.0	-0.3	1.7	2.1	2.9	2.2	±4
120	1.3	-3.5	20.9	-25.4	-23.9	-24.0	-24.4	0.9	-0.5	-0.5	-0.1	0.4	1.8	1.8	1.4	±4
125	0.5	-3.6	22.2	-26.7	-25.4	-25.5	-26.4	1.0	-0.4	-0.2	0.7	-0.5	0.9	0.7	-0.2	±4
130	-0.2	-3.8	23.3	-26.8	-27.0	-26.9	-25.1	-0.3	-0.1	-0.2	-2.0	0.1	-0.1	0.0	1.8	±4
135	-0.9	-3.9	24.4	-25.7	-25.9	-27.4	-25.1	-2.6	-2.4	-0.9	-3.2	1.7	1.5	0.0	2.3	±4
140	-1.5	-3.9	24.8	-25.9	-26.8	-29.0	-24.6	-2.8	-2.0	0.3	-4.1	1.3	0.5	-1.8	2.6	±4
145	-2.1	-4.1	25.3	-27.3	-27.2	-27.9	-24.7	-2.1	-2.1	-1.5	-4.6	0.0	0.0	-0.6	2.5	±4
150	-2.7	-3.9	25.7	-27.4	-26.8	-26.2	-25.6	-2.2	-2.9	-3.4	-4.0	-0.5	0.2	0.7	1.3	±4

校 准 结 果
RESULTS OF CALIBRATION

155	-3.2	-3.8	26.1	-26.7	-26.5	-25.3	-26.3	-3.2	-3.3	-4.6	-3.6	0.0	0.1	1.4	0.4	±4
160	-3.7	-4.0	26.5	-25.5	-26.3	-25.0	-26.0	-5.0	-4.2	-5.5	-4.5	1.3	0.5	1.8	0.8	±4
165	-4.1	-3.9	27.0	-25.2	-26.2	-25.4	-26.3	-5.7	-4.7	-5.5	-4.6	1.6	0.6	1.4	0.5	±4
170	-4.5	-3.8	27.5	-26.6	-25.8	-26.7	-26.9	-4.7	-5.5	-4.6	-4.4	0.2	1.0	0.1	-0.1	±4
175	-4.9	-4.0	28.1	-27.2	-25.2	-27.3	-27.2	-4.9	-6.9	-4.8	-4.9	0.0	2.0	-0.1	0.0	±4
180	-5.3	-3.9	28.8	-26.9	-25.3	-26.7	-27.2	-5.8	-7.4	-6.0	-5.5	0.5	2.1	0.7	0.2	±4
185	-5.7	-4.1	29.4	-26.4	-25.7	-26.4	-28.1	-7.0	-7.7	-7.1	-5.4	1.3	2.0	1.4	-0.3	±4
190	-6.0	-4.2	30.1	-27.0	-25.9	-26.8	-28.5	-7.3	-8.4	-7.5	-5.9	1.3	2.4	1.5	-0.1	±4
195	-6.4	-4.1	30.7	-27.4	-28.3	-28.3	-28.6	-7.5	-6.5	-6.5	-6.2	1.1	0.1	0.1	-0.2	±4
200	-6.7	-4.2	31.3	-27.8	-28.7	-29.0	-28.4	-7.6	-6.7	-6.4	-7.0	0.9	0.0	-0.3	0.3	±4
205	-7.0	-4.1	24.1	-21.0	-21.8	-20.5	-21.4	-7.2	-6.4	-7.7	-6.8	0.3	-0.5	0.7	-0.1	±4
210	-7.2	-4.2	23.4	-19.9	-19.9	-19.9	-20.4	-7.7	-7.7	-7.7	-7.2	0.5	0.5	0.5	0.0	±4
215	-7.5	-4.2	23.3	-19.7	-19.4	-19.6	-19.8	-7.8	-8.1	-7.8	-7.7	0.3	0.6	0.3	0.2	±4
220	-7.8	-4.0	23.0	-19.1	-18.7	-18.7	-18.8	-7.9	-8.4	-8.3	-8.2	0.1	0.6	0.5	0.4	±4
225	-8.1	-4.1	23.1	-19.6	-19.1	-19.2	-19.6	-7.6	-8.0	-8.0	-7.6	-0.5	0.0	-0.1	-0.5	±4
230	-8.3	-4.0	23.2	-19.4	-19.0	-19.1	-19.1	-7.8	-8.2	-8.1	-8.1	-0.5	-0.1	-0.2	-0.2	±4
235	-8.5	-4.1	23.5	-19.5	-19.1	-19.3	-18.9	-8.1	-8.5	-8.3	-8.7	-0.4	0.0	-0.2	0.2	±4
240	-8.7	-4.2	23.7	-19.1	-18.8	-19.2	-18.4	-8.7	-9.1	-8.7	-9.4	0.0	0.4	0.0	0.7	±4
245	-8.9	-4.2	23.9	-19.8	-19.7	-20.2	-19.5	-8.3	-8.4	-7.8	-8.6	-0.6	-0.5	-1.1	-0.3	±4
250	-9.1	-4.4	24.1	-19.5	-19.5	-20.2	-19.4	-9.0	-9.0	-8.2	-9.1	-0.1	-0.1	-0.9	0.0	±4
255	-9.3	-4.6	24.3	-19.8	-19.9	-20.6	-20.0	-9.0	-8.9	-8.2	-8.8	-0.3	-0.4	-1.1	-0.5	±4
260	-9.5	-4.6	24.6	-19.7	-19.7	-20.4	-19.8	-9.5	-9.5	-8.7	-9.4	0.0	0.0	-0.8	-0.1	±4
265	-9.7	-4.7	25.1	-19.9	-20.2	-20.9	-20.1	-9.9	-9.6	-8.9	-9.7	0.2	-0.1	-0.8	0.0	±4
270	-9.9	-4.7	25.7	-19.7	-20.1	-20.5	-20.0	-10.7	-10.3	-10.0	-10.4	0.8	0.4	0.1	0.5	±4
275	-10.1	-4.8	26.1	-20.4	-20.6	-21.0	-20.8	-10.5	-10.4	-9.9	-10.2	0.4	0.3	-0.2	0.1	±4
280	-10.3	-5.1	26.5	-19.8	-19.9	-20.3	-19.8	-11.8	-11.7	-11.3	-11.8	1.5	1.4	1.0	1.5	±4
285	-10.5	-5.0	26.7	-20.8	-20.8	-21.0	-20.7	-10.9	-10.9	-10.7	-11.0	0.5	0.5	0.2	0.6	±4
290	-10.6	-4.9	26.8	-20.6	-20.6	-20.6	-20.6	-11.1	-11.1	-11.1	-11.1	0.5	0.5	0.5	0.5	±4
295	-10.8	-5.0	26.7	-20.8	-20.7	-21.0	-20.8	-10.9	-11.0	-10.7	-10.9	0.2	0.2	-0.1	0.2	±4
300	-10.9	-5.0	26.8	-20.8	-20.5	-20.8	-20.5	-11.0	-11.3	-11.1	-11.3	0.1	0.4	0.2	0.4	±4
305	-11.1	-5.2	27.0	-21.1	-20.8	-21.0	-20.8	-11.1	-11.5	-11.2	-11.4	0.0	0.4	0.2	0.4	±4
310	-11.2	-5.1	27.4	-21.2	-21.1	-21.2	-21.0	-11.3	-11.4	-11.3	-11.5	0.1	0.2	0.1	0.3	±4
315	-11.4	-5.1	27.9	-21.6	-21.9	-21.7	-21.5	-11.4	-11.1	-11.3	-11.5	0.0	-0.2	0.0	0.2	±4
320	-11.5	-5.2	28.1	-21.2	-21.4	-20.9	-21.2	-12.1	-11.9	-12.4	-12.1	0.6	0.4	0.9	0.6	±4
325	-11.7	-5.2	28.4	-21.7	-21.7	-21.5	-21.7	-11.9	-11.9	-12.1	-11.9	0.3	0.3	0.5	0.2	±4
330	-11.8	-5.5	28.6	-21.6	-21.7	-21.6	-21.6	-12.4	-12.4	-12.5	-12.5	0.6	0.6	0.7	0.7	±4
335	-12.0	-5.5	28.7	-21.6	-21.7	-21.5	-21.6	-12.6	-12.5	-12.7	-12.6	0.6	0.5	0.8	0.6	±4
340	-12.1	-5.3	28.8	-21.8	-21.8	-21.7	-21.9	-12.4	-12.3	-12.4	-12.3	0.3	0.2	0.3	0.2	±4
345	-12.2	-5.8	29.0	-21.7	-21.8	-21.9	-21.8	-13.1	-13.0	-12.9	-13.0	0.9	0.8	0.7	0.8	±4
350	-12.3	-5.6	29.3	-21.9	-22.0	-22.2	-22.0	-13.1	-13.0	-12.8	-12.9	0.8	0.7	0.5	0.6	±4
355	-12.4	-5.9	29.7	-22.1	-22.1	-22.1	-22.4	-13.6	-13.5	-13.5	-13.3	1.2	1.1	1.1	0.9	±4
360	-12.5	-6.0	30.1	-22.2	-22.3	-22.1	-22.4	-14.0	-13.9	-14.0	-13.7	1.5	1.4	1.5	1.2	±4
365	-12.6	-5.7	30.4	-22.4	-22.4	-22.4	-22.5	-13.7	-13.7	-13.8	-13.7	1.1	1.1	1.2	1.1	±4

校 准 结 果
RESULTS OF CALIBRATION

370	-12.7	-5.7	30.6	-22.8	-22.6	-22.5	-22.8	-13.5	-13.7	-13.9	-13.5	0.8	1.0	1.2	0.8	±4
375	-12.7	-5.7	30.8	-23.0	-22.7	-22.1	-22.8	-13.6	-13.8	-14.4	-13.7	0.9	1.1	1.7	1.0	±4
380	-12.7	-5.6	31.0	-24.1	-23.8	-23.1	-23.8	-12.6	-12.8	-13.6	-12.8	-0.1	0.1	0.9	0.1	±4
385	-12.7	-5.5	31.2	-23.6	-23.3	-22.5	-23.5	-13.1	-13.5	-14.2	-13.3	0.4	0.8	1.5	0.6	±4
390	-12.7	-5.5	31.4	-24.1	-23.9	-23.0	-24.1	-12.8	-13.1	-13.9	-12.8	0.1	0.4	1.2	0.1	±4
395	-12.7	-5.6	31.4	-24.0	-24.3	-23.0	-24.2	-12.9	-12.7	-14.0	-12.7	0.3	0.0	1.3	0.1	±4
400	-12.6	-5.8	31.2	-24.0	-24.6	-23.3	-24.4	-13.0	-12.4	-13.8	-12.6	0.4	-0.2	1.2	0.0	±4
405	-12.8	-5.8	31.4	-24.1	-24.7	-23.1	-24.2	-13.1	-12.4	-14.0	-12.9	0.3	-0.3	1.2	0.1	±4
410	-12.9	-5.8	31.6	-24.3	-24.7	-23.4	-24.3	-13.0	-12.6	-14.0	-13.0	0.1	-0.3	1.1	0.1	±4
415	-13.1	-5.9	31.8	-24.3	-24.3	-23.5	-24.2	-13.4	-13.4	-14.2	-13.5	0.4	0.4	1.2	0.4	±4
420	-13.2	-6.0	32.1	-25.0	-24.8	-24.7	-24.8	-13.1	-13.3	-13.4	-13.3	-0.1	0.1	0.2	0.1	±4
425	-13.4	-6.3	32.4	-24.7	-24.3	-24.7	-24.3	-14.0	-14.5	-14.0	-14.4	0.7	1.1	0.7	1.1	±4
430	-13.5	-6.2	32.7	-25.1	-24.7	-25.5	-24.7	-13.9	-14.3	-13.5	-14.2	0.4	0.8	0.0	0.7	±4
435	-13.6	-6.2	32.8	-24.6	-24.5	-25.2	-24.4	-14.4	-14.5	-13.8	-14.6	0.8	0.9	0.2	1.0	±4
440	-13.7	-6.3	32.9	-24.9	-24.9	-25.3	-24.4	-14.3	-14.3	-13.8	-14.8	0.6	0.6	0.1	1.1	±4
445	-13.9	-6.4	33.0	-25.0	-24.9	-25.2	-24.3	-14.5	-14.5	-14.2	-15.1	0.6	0.7	0.3	1.2	±4
450	-14.0	-6.4	33.2	-25.0	-25.0	-25.2	-24.6	-14.6	-14.7	-14.4	-15.0	0.6	0.7	0.4	1.0	±4
455	-14.1	-6.3	33.4	-25.3	-25.2	-25.4	-24.9	-14.4	-14.5	-14.3	-14.8	0.3	0.4	0.2	0.7	±4
460	-14.2	-6.2	33.7	-26.0	-25.6	-25.7	-25.4	-13.9	-14.3	-14.1	-14.5	-0.3	0.1	-0.1	0.3	±4
465	-14.4	-6.6	34.0	-25.9	-25.6	-25.6	-25.7	-14.6	-15.0	-15.0	-14.9	0.3	0.7	0.6	0.5	±4
470	-14.5	-6.7	34.3	-26.4	-26.1	-26.0	-26.2	-14.7	-15.0	-15.1	-14.9	0.2	0.5	0.6	0.4	±4
475	-14.6	-6.8	34.5	-26.1	-26.0	-25.8	-25.9	-15.1	-15.3	-15.5	-15.4	0.5	0.7	0.9	0.8	±4
480	-14.7	-6.9	34.6	-26.4	-26.3	-26.0	-26.3	-15.0	-15.2	-15.5	-15.2	0.3	0.5	0.8	0.5	±4
485	-14.8	-6.6	34.7	-26.0	-25.9	-25.5	-25.8	-15.3	-15.4	-15.8	-15.4	0.5	0.6	1.0	0.6	±4
490	-14.9	-6.9	34.8	-25.9	-26.0	-25.5	-25.7	-15.8	-15.7	-16.2	-15.9	0.9	0.8	1.3	1.0	±4
495	-15.0	-6.9	34.9	-25.6	-25.9	-25.4	-25.4	-16.2	-15.9	-16.4	-16.4	1.2	0.9	1.4	1.4	±4
500	-15.1	-7.2	35.1	-25.7	-26.2	-25.6	-25.6	-16.6	-16.0	-16.6	-16.7	1.5	0.9	1.5	1.6	±4
510	-15.3	-6.9	35.4	-26.0	-26.7	-26.2	-25.9	-16.4	-15.7	-16.1	-16.5	1.1	0.4	0.8	1.2	±4
520	-15.5	-7.2	35.9	-26.4	-26.9	-27.1	-26.4	-16.7	-16.2	-16.0	-16.7	1.2	0.7	0.5	1.2	±4
530	-15.7	-6.8	36.3	-27.1	-26.6	-27.3	-26.9	-16.0	-16.5	-15.8	-16.2	0.3	0.8	0.1	0.5	±4
540	-15.9	-6.6	36.7	-27.8	-26.6	-27.8	-27.1	-15.5	-16.7	-15.5	-16.2	-0.4	0.8	-0.4	0.3	±4
550	-16.1	-6.7	36.9	-27.7	-26.9	-27.5	-27.3	-15.9	-16.6	-16.1	-16.3	-0.2	0.5	0.0	0.2	±4
560	-16.3	-6.9	37.1	-27.6	-27.5	-27.5	-27.3	-16.4	-16.5	-16.5	-16.7	0.1	0.2	0.2	0.4	±4
570	-16.4	-6.9	37.5	-26.9	-28.0	-27.3	-27.2	-17.5	-16.4	-17.1	-17.2	1.1	0.0	0.7	0.8	±4
580	-16.6	-7.1	37.9	-27.1	-28.1	-27.2	-27.3	-17.9	-16.9	-17.8	-17.7	1.3	0.3	1.2	1.1	±4
590	-16.8	-7.3	38.2	-27.4	-27.8	-27.4	-27.4	-18.1	-17.7	-18.1	-18.1	1.3	0.9	1.3	1.3	±4
600	-16.9	-7.0	38.5	-28.3	-28.0	-27.7	-28.0	-17.2	-17.5	-17.8	-17.5	0.3	0.6	0.9	0.6	±4
610	-17.1	-7.0	39.0	-29.1	-28.5	-28.2	-28.5	-17.0	-17.6	-17.8	-17.6	-0.1	0.5	0.7	0.5	±4
620	-17.2	-7.4	39.5	-28.9	-28.2	-28.3	-28.6	-18.0	-18.6	-18.5	-18.3	0.8	1.4	1.3	1.1	±4
630	-17.4	-7.2	40.0	-29.2	-28.9	-28.8	-28.9	-18.1	-18.3	-18.4	-18.3	0.7	0.9	1.0	0.9	±4
640	-17.5	-8.0	40.2	-29.1	-29.3	-29.8	-29.4	-19.1	-18.9	-18.4	-18.8	1.6	1.4	0.9	1.3	±4
650	-17.7	-8.2	40.3	-29.4	-29.5	-29.9	-29.5	-19.1	-18.9	-18.6	-19.0	1.4	1.2	0.9	1.3	±4
660	-17.8	-8.2	40.6	-29.5	-29.6	-29.7	-29.7	-19.2	-19.1	-19.1	-19.0	1.4	1.3	1.3	1.2	±4

校 准 结 果
RESULTS OF CALIBRATION

670	-18.0	-8.4	40.8	-29.8	-30.3	-29.9	-29.9	-19.4	-18.9	-19.3	-19.3	1.4	0.9	1.3	1.3	±4
680	-18.1	-7.9	40.9	-29.9	-30.2	-29.8	-29.8	-18.9	-18.7	-19.0	-19.0	0.8	0.6	0.9	0.9	±4
690	-18.2	-8.0	41.0	-30.5	-30.4	-30.3	-30.1	-18.5	-18.6	-18.8	-19.0	0.3	0.4	0.6	0.8	±4
700	-18.4	-8.2	41.2	-30.3	-30.0	-30.0	-30.1	-19.1	-19.5	-19.4	-19.4	0.7	1.1	1.0	1.0	±4
710	-18.4	-8.3	41.5	-30.8	-30.4	-30.3	-30.4	-18.9	-19.3	-19.5	-19.4	0.5	0.9	1.1	1.0	±4
720	-18.4	-8.3	41.5	-31.0	-30.5	-30.7	-30.5	-18.8	-19.3	-19.2	-19.4	0.4	0.9	0.8	1.0	±4
730	-18.4	-8.8	41.5	-30.9	-31.0	-31.4	-30.7	-19.3	-19.3	-18.8	-19.5	0.9	0.9	0.4	1.1	±4
740	-18.5	-8.6	41.6	-30.9	-31.2	-31.3	-31.0	-19.4	-19.1	-19.0	-19.3	0.9	0.6	0.5	0.8	±4
750	-18.7	-7.9	41.7	-30.6	-30.8	-30.9	-30.7	-19.0	-18.8	-18.7	-18.9	0.3	0.1	0.0	0.2	±4
760	-18.8	-8.4	42.1	-31.2	-30.9	-30.8	-30.9	-19.3	-19.6	-19.7	-19.6	0.5	0.8	0.9	0.8	±4
770	-18.9	-8.2	42.3	-31.4	-31.3	-31.1	-31.0	-19.1	-19.2	-19.4	-19.5	0.2	0.3	0.5	0.6	±4
780	-19.1	-8.3	42.6	-31.7	-31.4	-31.4	-31.2	-19.3	-19.5	-19.5	-19.7	0.2	0.4	0.4	0.6	±4
790	-19.2	-8.9	43.0	-32.0	-31.8	-31.8	-31.6	-19.9	-20.0	-20.0	-20.2	0.7	0.8	0.8	1.0	±4
800	-19.3	-8.6	43.3	-32.1	-32.3	-32.1	-32.0	-19.7	-19.6	-19.8	-19.9	0.4	0.3	0.5	0.6	±4
810	-19.4	-9.4	43.5	-31.6	-31.8	-31.7	-31.7	-21.3	-21.0	-21.1	-21.2	1.9	1.6	1.7	1.8	±4
820	-19.6	-9.2	43.8	-32.3	-32.3	-32.2	-32.4	-20.6	-20.7	-20.7	-20.5	1.0	1.1	1.1	0.9	±4
830	-19.7	-8.4	44.2	-32.4	-32.3	-32.4	-32.4	-20.1	-20.2	-20.1	-20.2	0.4	0.5	0.4	0.5	±4
840	-19.8	-8.4	44.3	-32.7	-32.8	-32.6	-32.6	-20.0	-19.9	-20.1	-20.1	0.2	0.1	0.3	0.3	±4
850	-19.9	-9.0	44.4	-32.7	-32.7	-32.5	-32.3	-20.7	-20.8	-20.9	-21.1	0.8	0.9	1.0	1.2	±4
860	-20.0	-9.1	44.4	-32.7	-33.0	-32.7	-32.8	-20.8	-20.5	-20.8	-20.7	0.8	0.5	0.8	0.7	±4
870	-20.1	-9.0	44.7	-32.8	-32.7	-32.3	-32.6	-20.9	-21.0	-21.4	-21.1	0.8	0.9	1.3	1.0	±4
880	-20.2	-9.6	44.9	-33.1	-32.8	-32.8	-32.8	-21.4	-21.7	-21.7	-21.7	1.2	1.5	1.5	1.5	±4
890	-20.3	-9.1	45.3	-33.7	-33.6	-33.7	-33.7	-20.7	-20.8	-20.8	-20.7	0.4	0.5	0.5	0.4	±4
900	-20.5	-8.8	45.7	-34.2	-34.2	-34.3	-33.8	-20.4	-20.4	-20.3	-20.8	-0.1	-0.1	-0.2	0.3	±4
910	-20.6	-9.0	46.0	-33.9	-34.0	-33.9	-33.5	-21.1	-21.0	-21.1	-21.4	0.5	0.4	0.5	0.8	±4
920	-20.7	-8.9	46.3	-34.2	-34.2	-34.2	-34.1	-21.1	-21.0	-21.0	-21.2	0.4	0.3	0.3	0.5	±4
930	-20.8	-9.6	46.3	-34.0	-34.1	-34.1	-33.9	-21.9	-21.8	-21.8	-21.9	1.1	1.0	1.0	1.1	±4
940	-20.9	-9.6	46.4	-34.1	-34.0	-34.0	-33.5	-21.9	-22.1	-22.1	-22.6	1.0	1.2	1.2	1.7	±4
950	-21.0	-9.5	46.6	-34.3	-33.8	-33.8	-33.7	-21.8	-22.4	-22.4	-22.4	0.8	1.4	1.4	1.4	±4
960	-21.1	-9.7	46.9	-34.9	-34.6	-34.5	-34.5	-21.7	-22.0	-22.1	-22.2	0.6	0.9	1.0	1.1	±4
970	-21.2	-9.6	47.1	-35.2	-35.1	-34.8	-35.1	-21.5	-21.6	-21.9	-21.6	0.3	0.4	0.7	0.4	±4
980	-21.3	-9.7	47.3	-34.7	-34.8	-34.7	-34.7	-22.3	-22.2	-22.3	-22.3	1.0	0.9	1.0	1.0	±4
990	-21.3	-9.9	47.4	-34.8	-35.1	-35.0	-34.9	-22.5	-22.3	-22.3	-22.5	1.2	1.0	1.0	1.2	±4
1000	-21.4	-10.0	47.5	-35.1	-35.4	-35.5	-35.3	-22.4	-22.0	-21.9	-22.2	1.0	0.6	0.5	0.8	±4

校 准 结 果
RESULTS OF CALIBRATION

Theor：NSA理论值；

Theor:NSA theory Value

Vdir：$V_{DIRECT,}$ 连接发射天线和接收天线的两根同轴线缆断开连接天线，然后使用转换器将两根同轴线缆连接起来测量出的数值；

Vdir：V_{DIRECT},disconnect the transmit and receive antenna, conncet transmit and recevie cables with a straight through adapter,the resulting Value .

AF：F_{aT}（发射天线系数）和 F_{aR}（接收天线系数）的总和；

AF:the sum of FaT（transmit antenna facor）和 FaR（receive antenna factor）

RAW*：V_{SITE}，两根线缆分别与发射天线和接收天线相连，接收天线进行高度扫描后测量得到的最大值；

RAW*：VSITE conncet the transmit and receive cables with their antenna, Raise the receiving antenna on the mast from 1m to 4m, Record the maximum signal level. This value is VSITE .

NSA*：NSA实测值$A_{N\ meas}$；

NSA*：NSA measurement AN meas ；

DEV*：实测值$A_{N\ meas}$与NSA理论值的偏差。

DEV*：the difference between theor and A_N meas

4. 附录A 测量布置照片
4、Appendix A. test arrangement Photo

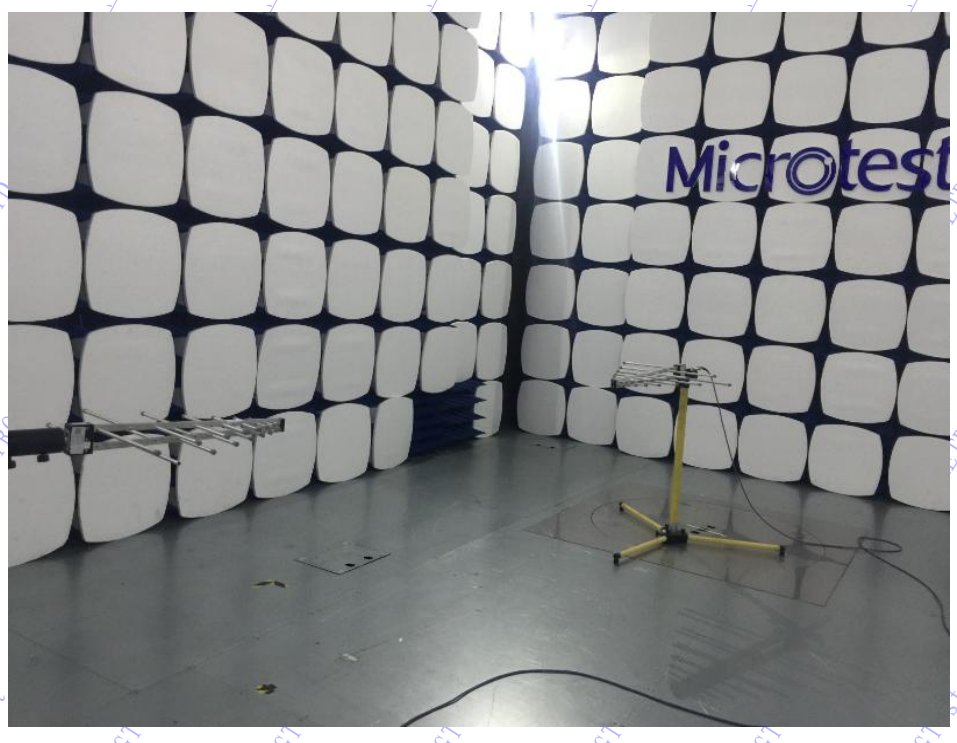
30MHz-200MHz 天线方向水平 高度1m

30MHz-200MHz horizontal height 1m

校　准　结　果
RESULTS OF CALIBRATION

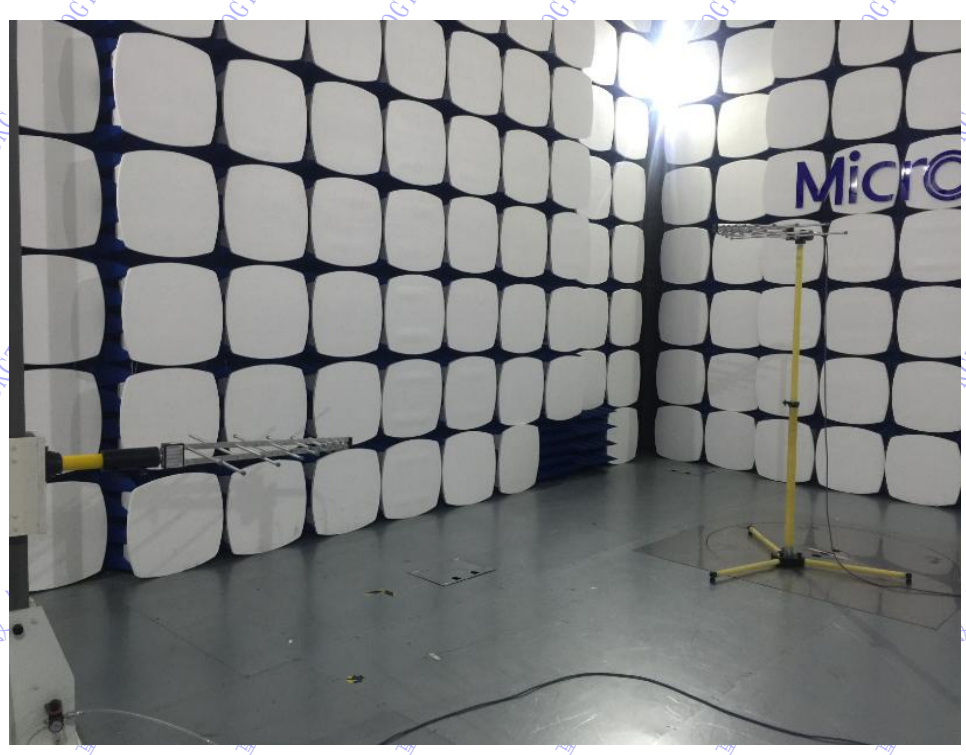
30MHz-200MHz 天线方向水平 高度2m
30MHz-200MHz horizontal height 2m

200MHz-1000MHz 天线方向水平 高度1m
200MHz-1000MHz horizontal height 1m

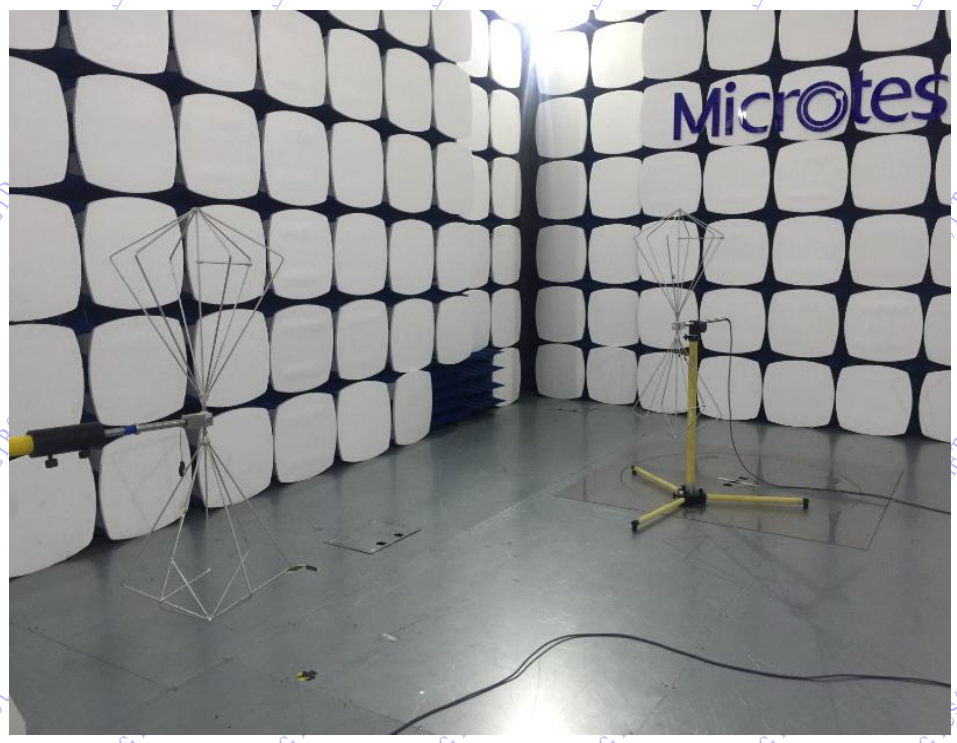


校　准　结　果
RESULTS OF CALIBRATION

200MHz-1000MHz 天线方向水平 高度2m
200MHz-1000MHz horizontal height 2m

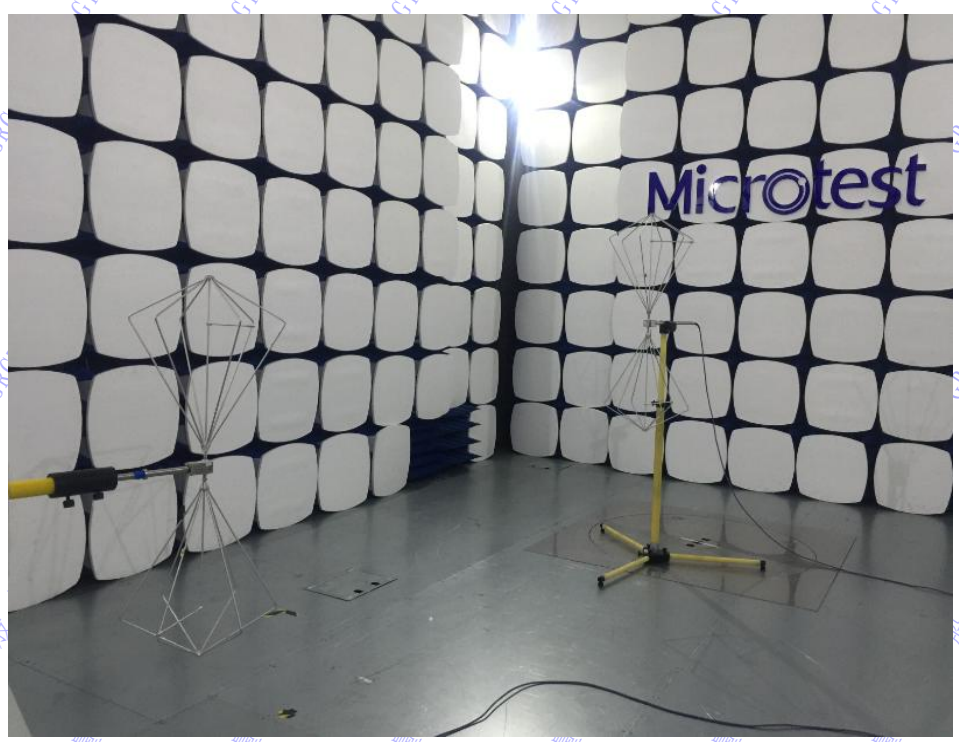


30MHz-200MHz 天线方向垂直 高度1m
30MHz-200MHz vertical height 1m

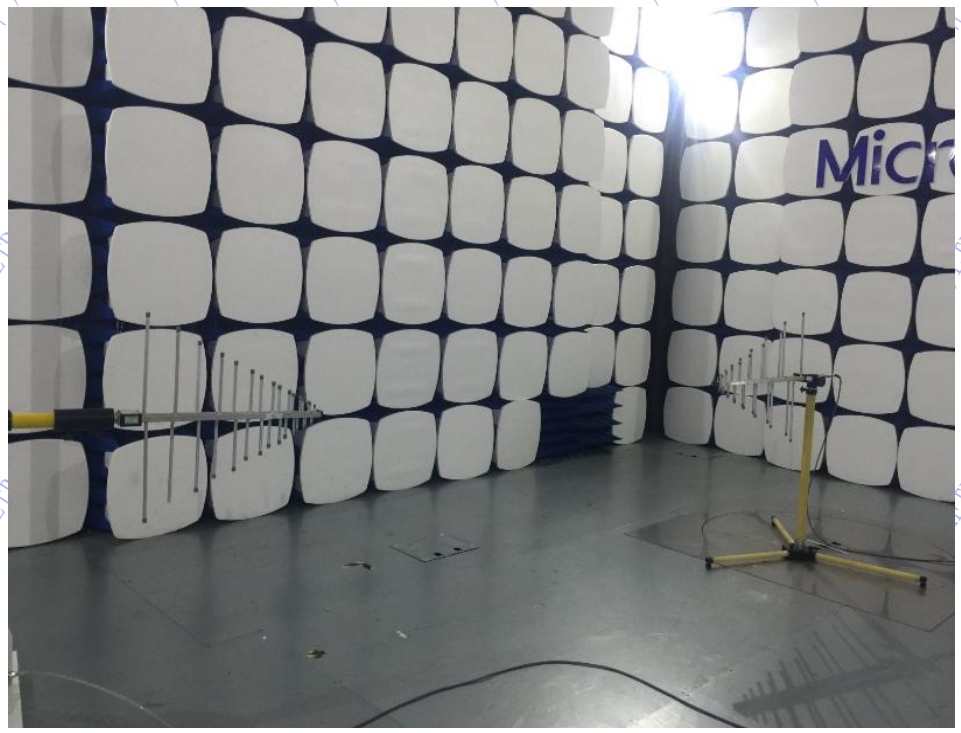


校　准　结　果
RESULTS OF CALIBRATION

30MHz-200MHz 天线方向垂直 高度1.5m
30MHz-200MHz vertical height 1.5m

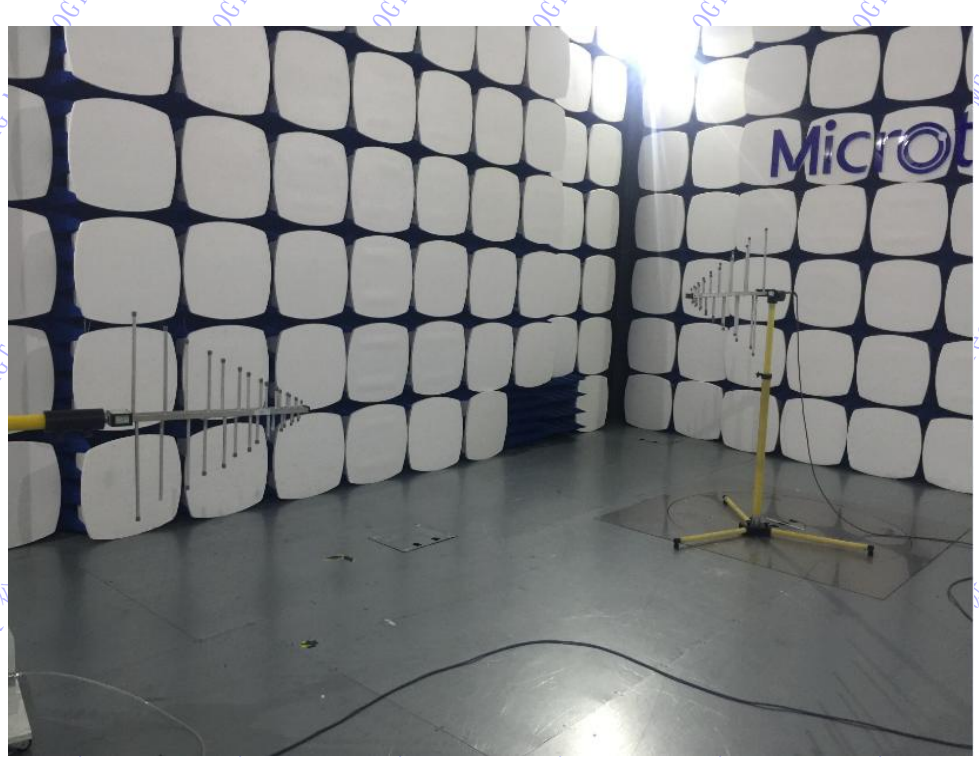


200MHz-1000MHz 天线方向垂直 高度1m
200MHz-1000MHz vertical height 1m



校　准　结　果
RESULTS OF CALIBRATION

200MHz-1000MHz 天线方向垂直 高度1.5m
200MHz-1000MHz vertical height 1. 5m



备注：
Notes：

结论(Conclusion)： 按校准结果使用

1.本报告中的扩展不确定度是由标准不确定度乘以包含概率约为95％时的包含因子k。
The expanded uncertainty is given in the report by the standard uncertainty multiplied by the probability of about 95% when the factor k.

1.1 NSA： U=2.0dB (k=2)

2.依据(Reference document)

JJF 1059.1-2012 测量不确定度评定与表示
(JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)