Test Report

Verified code: 238913

Report No.: E202109052880-3

Customer:	Fiberhome Telecommunication Technologies Co., Ltd.
Address:	No.88 Youkeyuan Lu, Hongshan District 430032 Wuhan,Hubei PEOPLE'S REPUBLIC OF CHINA
Sample Name:	Wireless Router
Sample Model:	SR1021Y
Receive Sample Date:	Sep.15,2021
Test Date:	Sep.15,2021 ~ Nov.20,2021
Reference Document:	CFR 47, FCC Parts Subpart E Unlicensed National Information Infrastructure Devices
Test Result:	Pass

Prepared By: Yang Zhaoyun Reviewed By: Jiang Tao Approved By: Xiao Liang

GUANGZHOU GRG METROLOGY & TEST CO., LTD

Issued Date: 2022-01-04

GUANGZHOU GRG METROLOGY & TEST CO., LTD
Address: No.163 Xipingyun Road, Huangpu Avenue, Tianhe District, Guangzhou（510656）
Tel：（+86）400-602-0999 FAX：（+86）020-38698685 Web：http://www.grgtest.com

Statement

1. The report is invalid without "special seal for inspection and testing"; some copies are invalid; The report is invalid if it is altered or missing; The report is invalid without the signature of the person who prepared, reviewed and approved it.

2. The sample information is provided by the client and responsible for its authenticity; The content of the report is only valid for the samples sent this time.

3. When there are reports in both Chinese and English, the Chinese version will prevail when the language problems are inconsistent.

4. If there is any objection concerning the report, please inform us within 15 days from the date of receiving the report.

5. Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda.

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1. TEST RESULT SUMMARY

Standard	Item	Limit / Severity	Result
CFR 47, FCC Parts Subpart E (§15.407)	6dB Bandwidth &26dB Bandwidth & 99% Occupied Bandwidth	15.407(a) 15.407(e)	PASS
	AC Power Line Conducted Emissions	15.207 15.407(b)(6)	PASS
	Unwanted Emissions and Band Edge	15.205 15.209 15.407(b)	PASS
	Output Power	15.407(a)	PASS
	Peak Power Spectral Density	15.407(a)	PASS
	Frequency Stability	15.407(g)	PASS
	Antenna Requirement	15.203	PASS[1)]

Note: [1)]The EUT have two antennas. The antenna is Internal antenna.
The max gain of antenna is 3.75dBi, which accordance 15.203 is considered sufficient to comply with the provisions of this section.

---------- **The following blanks** ----------

2. GENERAL DESCRIPTION OF EUT

2.1. APPLICANT

Name:	Fiberhome Telecommunication Technologies Co., Ltd.
Address:	No.88 Youkeyuan Lu, Hongshan District 430032 Wuhan,Hubei PEOPLE'S REPUBLIC OF CHINA

2.2. MANUFACTURER

Name:	Fiberhome Telecommunication Technologies Co., Ltd.
Address:	No.88 Youkeyuan Lu, Hongshan District 430032 Wuhan,Hubei PEOPLE'S REPUBLIC OF CHINA

2.3. FACTORY

Name:	Fiberhome Telecommunication Technologies Co., Ltd.
Address:	No.88 Youkeyuan Lu, Hongshan District 430032 Wuhan,Hubei PEOPLE'S REPUBLIC OF CHINA

2.4. BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Product Name:	Wireless Router
Product Model:	SR1021Y
Adding Model:	/
FCC ID:	2AV2N-SR1021Y
Trade Name:	FiberHome
Power Supply:	DC12.0V power supplied by adapter
Adapter Specification:	Adapter 1: KL-WA120150-D Input:100-240V~50/60Hz 0.7A Output:12.0V⎓1.5A Adapter 2: RD1201500-C55-153MG Input:100-240V~50/60Hz 0.6A Output:12.0V⎓1.5A
Frequency Band:	U-NII-1: 5180 MHz~5240 MHz U-NII-2A: 5260 MHz~5320 MHz U-NII-2C: 5500 MHz~5700 MHz U-NII-3: 5745 MHz~5825 MHz
Modulation Type:	OFDM, OFDMA
Antenna Specification:	Internal antenna U-NII-1: External antenna 1 with 3.26dBi gain (Max.) External antenna 2 with 3.26dBi gain (Max.)

	U-NII-2A: External antenna 1 with 3.20dBi gain (Max.) External antenna 2 with 3.20dBi gain (Max.) U-NII-2C: External antenna 1 with 3.26dBi gain (Max.) External antenna 2 with 3.26dBi gain (Max.) U-NII-3: External antenna 1 with 3.75dBi gain (Max.) External antenna 2 with 3.75dBi gain (Max.)
Number Of Channel	U-NII-1: IEEE 802.11a / n HT20 / ac VHT20 / ax HE20: 4 Channels IEEE 802.11n HT40 / ac VHT40 / ax HE40: 2 Channels IEEE 802.11ac VHT80 / ax HE80: 1 Channel U-NII-2A: IEEE 802.11a / n HT20 / ac VHT20 / ax HE20: 4 Channels IEEE 802.11n HT40 / ac VHT40 / ax HE40: 2 Channels IEEE 802.11ac VHT80 / ax HE80: 1 Channel U-NII-2C: IEEE 802.11a / n HT20 / ac VHT20 / ax HE20: 11 Channels IEEE 802.11n HT40 / ac VHT40 / ax HE40: 5 Channels IEEE 802.11ac VHT80 / ax HE80: 2 Channel U-NII-3: IEEE 802.11a / n HT20 / ac VHT20 / ax HE20: 5 Channels IEEE 802.11n HT40 / ac VHT40 / ax HE40: 2 Channels IEEE 802.11ac VHT80 / ax HE80: 1 Channel
Channels Spacing:	IEEE 802.11a: 20MHz IEEE 802.11n HT20: 20MHz IEEE 802.11n HT40: 40MHz IEEE 802.11ac VHT20: 20MHz IEEE 802.11ac VHT40: 40MHz IEEE 802.11ac VHT80: 80MHz IEEE 802.11ax HE20: 20MHz IEEE 802.11ax HE40: 40MHz IEEE 802.11ax HE80: 80MHz
Transmit Power:	U-NII-1: 21.01dBm for IEEE 802.11a 24.17dBm for IEEE 802.11n HT20 21.88dBm for IEEE 802.11ac VHT20 20.29dBm for IEEE 802.11ax HE20 23.33dBm for IEEE 802.11n HT40 22.61dBm for IEEE 802.11ac VHT40 17.97dBm for IEEE 802.11ax HE40

	17.72dBm for IEEE 802.11ac VHT80 17.20dBm for IEEE 802.11ax HE80 U-NII-2A: 21.29dBm for IEEE 802.11a 20.64dBm for IEEE 802.11n HT20 20.62dBm for IEEE 802.11ac VHT20 19.93dBm for IEEE 802.11ax HE20 21.72dBm for IEEE 802.11n HT40 23.00dBm for IEEE 802.11ac VHT40 18.61dBm for IEEE 802.11ax HE40 19.30dBm for IEEE 802.11ac VHT80 18.12dBm for IEEE 802.11ax HE80 U-NII-2C: 20.73dBm for IEEE 802.11a 20.46dBm for IEEE 802.11n HT20 23.46dBm for IEEE 802.11ac VHT20 21.45dBm for IEEE 802.11ax HE20 22.75dBm for IEEE 802.11n HT40 23.10dBm for IEEE 802.11ac VHT40 22.39dBm for IEEE 802.11ax HE40 23.37dBm for IEEE 802.11ac VHT80 23.29dBm for IEEE 802.11ax HE80 U-NII-3: 17.52dBm for IEEE 802.11a 22.35dBm for IEEE 802.11n HT20 21.60dBm for IEEE 802.11ac VHT20 20.93dBm for IEEE 802.11ax HE20 23.48dBm for IEEE 802.11n HT40 21.63dBm for IEEE 802.11ac VHT40 22.76dBm for IEEE 802.11ax HE40 23.79dBm for IEEE 802.11ac VHT80 22.50dBm for IEEE 802.11ax HE80
Temperature Range:	-5℃~45℃
Hardware Version:	/
Software Version:	V1.0
Sample submitting way:	■Provided by customer □Sampling
Sample No:	E202109052880-0002, E202109052880-0003, E202109052880-0004
Note:	/

2.5. TEST OPERATION MODE

Mode No.	Description of the modes
1	5G Wi-Fi TX mode
2	5G Wi-Fi work as normally

Note: The items of radiated emission just record the worst case of 20MHz/40MHz/80MHz bandwith.

2.6. LOCAL SUPPORTIVEINSTRUMENTS

Name of Equipment	Manufacturer	Model	Serial Number	Note
Notebook	LENOVO	TianYi 310-14ISK	MP18DLC6	/
/	/	/	/	/
Cable				
/	/	/	/	/

Test software:

Software version
QATool_Dbg

Mode	Frequecy (MHz)	Power Setting	Frequecy (MHz)	Power Setting
IEEE 802.11a	5180	21	5500	20
	5200	21	5580	20
	5240	21	5700	19
	5260	19.5	5745	16
	5300	20.5	5785	17
	5320	20.5	5825	17

Mode	Frequecy (MHz)	Power Setting	Mode	Frequecy (MHz)	Power Setting
IEEE 802.11n HT20	5180	20	IEEE 802.11ac VHT20	5180	17
	5200	20		5200	17
	5240	20		5240	17.5
	5260	14.5		5260	15.5
	5300	14.5		5300	16
	5320	14.5		5320	16.5
	5500	14.5		5500	19
	5580	14.5		5580	19
	5700	14		5700	15
	5745	14		5745	14
	5785	16		5785	16
	5825	18		5825	16.5

Mode	Frequecy (MHz)	Power Setting	Mode	Frequecy (MHz)	Power Setting
IEEE 802.11n HT40	5190	17	IEEE 802.11ac VHT40	5190	15.5
	5230	19		5230	19
	5270	17		5270	18.5
	5310	16		5310	12
	5510	17		5510	16
	5550	19		5550	19
	5670	17		5670	14
	5755	18		5755	16
	5795	18		5795	16

Mode	Frequecy (MHz)	Power Setting	Mode	Frequecy (MHz)	Power Setting
IEEE 802.11ax HE20	5180	14	IEEE 802.11ax HE40	5190	14
	5200	16.5		5230	14
	5240	15		5270	14
	5260	14.5		5310	14
	5300	15		5510	15.5
	5320	15.5		5550	19.5
	5500	15.5		5670	16
	5580	16.5		5755	18
	5700	14		5795	18
	5745	14		/	/
	5785	16		/	/
	5825	16		/	/

Mode	Frequecy (MHz)	Power Setting	Frequecy (MHz)	Power Setting
IEEE 802.11ac VHT80	5210	12	5610	17
	5290	13	5775	17
	5530	13	/	/

Mode	Frequecy (MHz)	Power Setting	Frequecy (MHz)	Power Setting
IEEE 802.11ax HE80	5210	14	5610	19
	5290	14	5775	18
	5530	16	/	/

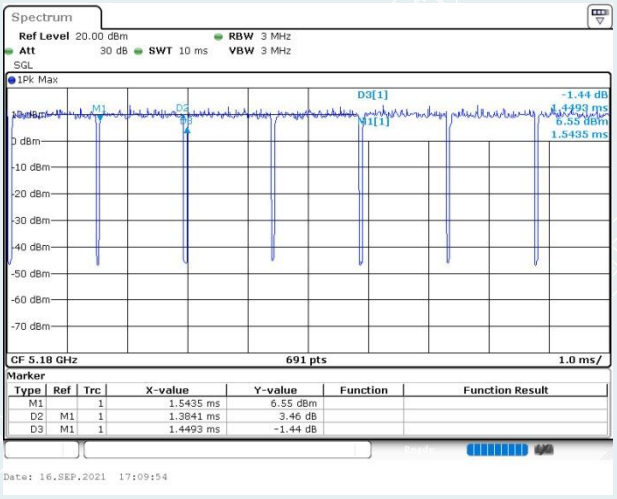
2.7. DUTY CYCLE

EUT Name	Wireless Router	Model	SR1021Y
Environmental Conditions	23.9℃/47%RH	Test Voltage	AC120V/60Hz
Tested By	Lu Wei	Tested Date	2021/09/16

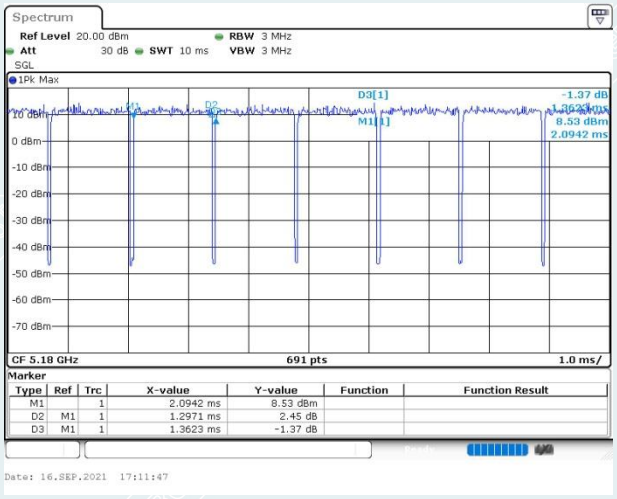
Duty Cycle Calculation

	Mode	ON Time(ms)	Total Time(ms)	Duty Cycle	Duty Factor	T(s)
duty cycle	802.11a	1.384	1.449	95.501%	0.20	0.001384
	802.11n HT20	1.297	1.362	95.207%	0.21	0.001297
	802.11n HT40	0.341	0.399	85.560%	0.68	0.000340
	802.11ac VHT20	0.688	0.746	92.225%	0.35	0.000688
	802.11ac VHT40	0.348	0.406	85.707%	0.67	0.000348
	802.11ac VHT80	0.188	0.551	34.182%	4.66	0.000188
	802.11ax HE20	0.333	0.391	85.166%	0.70	0.000333
	802.11ax HE40	0.210	0.268	78.381%	1.06	0.000210
	802.11ax HE80	0.312	0.370	84.303%	0.74	0.000312

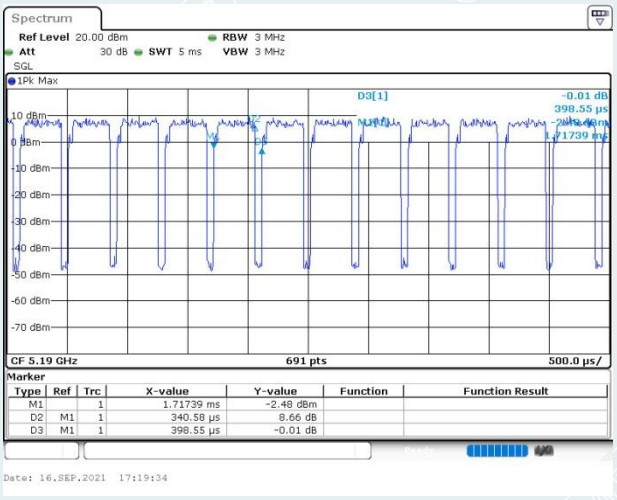
802.11a_5180MHz



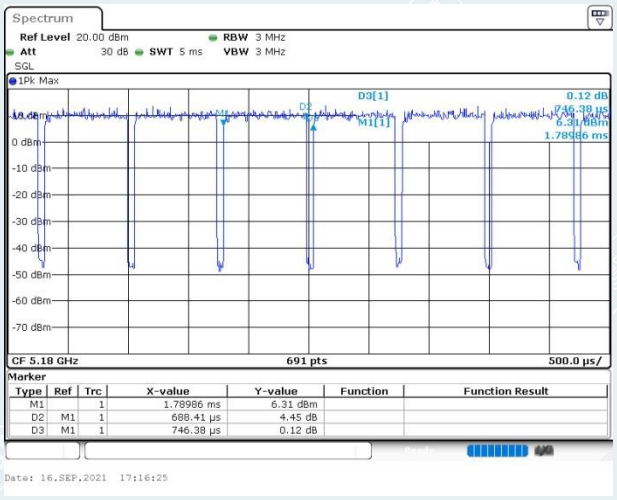
802.11n HT20_5180MHz



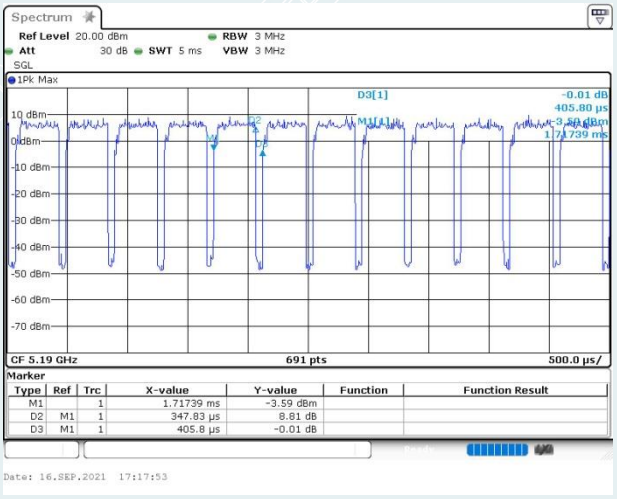
802.11n HT40_5190MHz



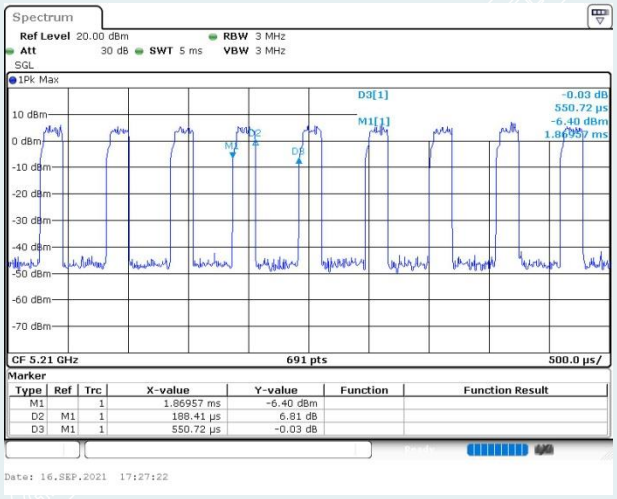
802.11ac VHT20_5180MHz



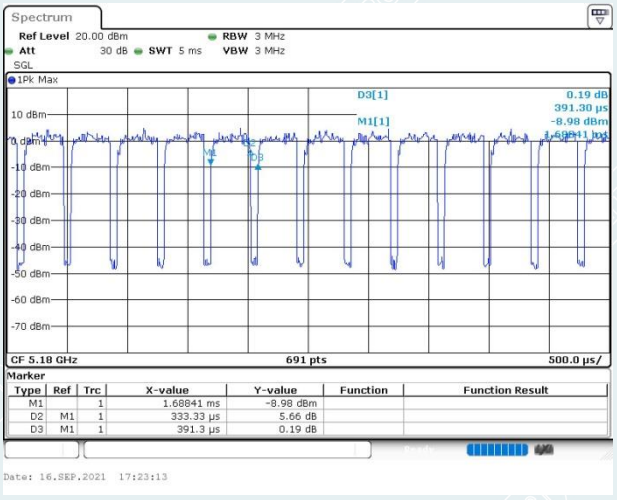
802.11ac VHT40_5190MHz



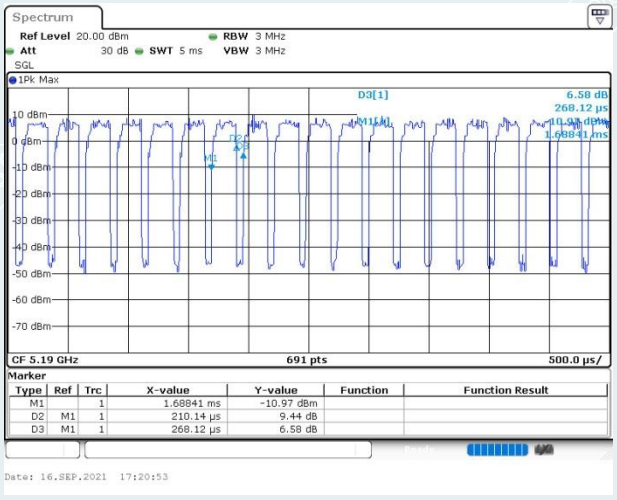
802.11ac VHT80_5210MHz



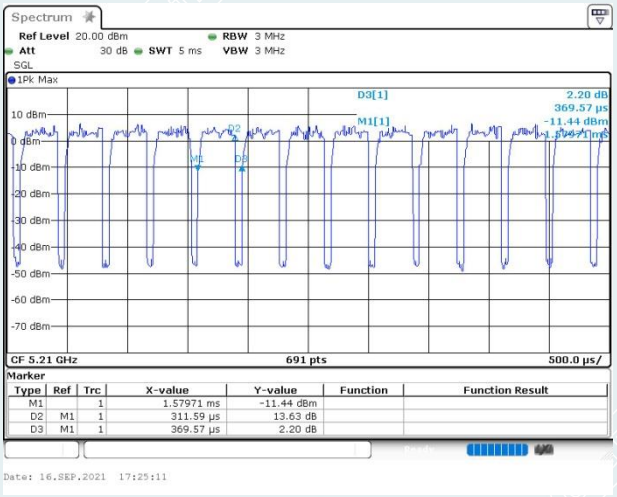
802.11ax HE20_5180MHz



802.11ax HE40_5190MHz



802.11ax HE80_5210MHz



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3. LABORATORY AND ACCREDITATIONS

3.1.LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of Guangzhou GRG Metrology & Test Co., Ltd.

Add : No.1301 Guanguang Road Xinlan Community, Guanlan Street, Longhua District Shenzhen, 518110, People's Republic of China

P.C. : 518000

Tel : 0755-61180008

Fax : 0755-61180008

3.2.ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA	A2LA(Certificate #2861.01)
China	CNAS(L0446)

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	ISED (Company Number: 24897，CAB identifier:CN0069)
USA	FCC (Registration Number: 759402，Designation Number:CN1198)

Copies of granted accreditation certificates are available for downloading from our web site, http://www.grgtest.com

3.3.MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement		Frequency	Uncertainty
Radiated Emission	Horizontal	30MHz～1000MHz	4.30dB
		1GHz～18GHz	5.60dB
		18GHz～26GHz	3.65dB
		26GHz～40GHz	4.00dB
	Vertical	30MHz～1000MHz	4.30dB
		1GHz～18GHz	5.60dB
		18GHz～26GHz	3.65dB
		26GHz～40GHz	4.00dB
Conduction Emission		9kHz～150kHz	2.80dB
		150kHz～10MHz	2.80dB
		10MHz～30MHz	2.20dB

Measurement	Uncertainty
RF frequency	6.0×10^{-6}
RF power conducted	0.78 dB
Occupied channel bandwidth	0.4 dB
Unwanted emission, conducted	0.68 dB
Humidity	6 %
Temperature	2℃

This uncertainty represents an expanded uncertainty factor of k=2.

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4. LIST OF USED TEST EQUIPMENT AT GRGT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Conducted Emissions				
TEST RECEIVER	R&S	ESCI	100783	2022-09-13
LISN(EUT)	R&S	ENV216	101543	2022-03-21
EZ-EMC	EZ	CCS-3A1-CE	/	/
Radiated Spurious Emission&Restricted bands of operation				
Test S/W	EZ	CCS-2ANT		
Loop Antenna	TESEQ	HLA6121	52599	2022-04-21
Test Receiver	R&S	ESCI	100088	2021-11-14
Preamplifier	EMEC	EM330	/	2022-03-21
Bi-log Antenna	TESEQ	CBL6143A	32399	2021-11-25
Spectrum Analyzer	Agilent	N9010A	MY52221469	2022-04-16
Horn Antenna	Schwarzbeck	BBHA9120D(1201)	02143	2022-10-22
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170-497	2022-10-16
Amplifier	Tonscend	TAP01018048	AP20E8060075	2022-05-09
Amplifier	Tonscend	TAP184050	AP20E806071	2022-05-17
Test S/W	Tonscend	JS32-RE/2.5.2.4		
6DB Bandwidth &26DB Bandwidth& 99% Occupied bandwidth				
Spectrum Analyzer	R&S	FSV30	104381-rH	2022-02-21
Output Power				
Pulse power sensor	Anritsu	MA2411B	1126150	2022-03-21
Power Meter	Anritsu	NL2495A	1204003	2022-03-21
Frequency Stability				
Spectrum Analyzer	R&S	FSV30	104381-rH	2022-02-21
Temperature& humidity chamber	HOSON	HS01060SDF	1910008401	2022-09-02
Power Spectral Density				
Spectrum Analyzer	R&S	FSV30	104381-rH	2022-02-21

Note: The calibration interval of the above test instruments is 12 months.

5. CONDUCTED EMISSION MEASUREMENT

5.1.LIMITS

Frequency range	Limits (dBμV)	
	Quasi-peak	Average
150kHz ～ 0.5MHz	66～56	56～46
0.5 MHz ～ 5 MHz	56	46
5 MHz ～ 30 MHz	60	50

NOTE: (1) The lower limit shall apply at the transition frequencies.
(2) The limit decreases in line with the logarithm of the frequency in the range of 150 kHz to 0.5MHz.

5.2.TEST PROCEDURES

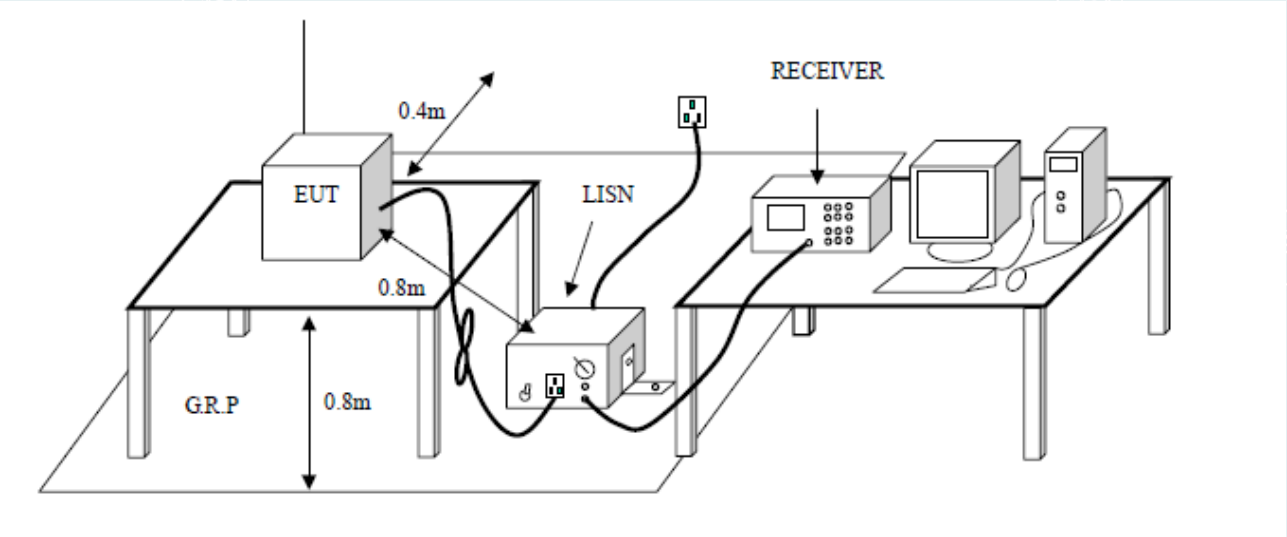
Procedure of Preliminary Test

Test procedures follow ANSI C63.10:2013.
For measurement of the disturbance voltage the equipment under test (EUT) is connected to the power supply mains and any other extended network via one or more artificial network(s). An EUT, whether intended to be grounded or not, and which is to be used on a table is configured as follows:
– Either the bottom or the rear of the EUT shall be at a controlled distance of 40 cm from a reference ground plane. This ground plane is normally the wall or floor of a shielded room. It may also be a grounded metal plane of at least 2 m by 2 m. This is physically accomplished as follows:
1) place the EUT on a table of non-conducting material which is at least 80 cm high. Place the EUT so that it is 40 cm from the wall of the shielded room, or
2) place the EUT on a table of non-conducting material which is 40 cm high so that the bottom of the EUT is 40 cm above the ground plane;
– All other conductive surfaces of the EUT shall be at least 80 cm from the reference ground plane;
– The EUT are placed on the floor that one side of the housings is 40 cm from the vertical reference ground plane and other metallic parts;
– Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 cm to 40 cm long, hanging approximately in the middle between the ground plane and the table.
– Use serial board or connecting line to make EUT and notebook to communicate, according to the actual demand to make EUT emit fixed frequency signal.
The test mode(s) described in Item 2.5 were scanned during the preliminary test. After the preliminary scan, we found the test mode described in Item 2.5 producing the highest emission level.The EUT configuration and cable configuration of the above highest emission levels were recorded for reference of the final test.

Procedure of Final Test

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test. A scan was taken on both power lines, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded.

5.3.TEST SETUP



5.4.DATA SAMPLE

Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62	Pass

Factor = Insertion loss of LISN + Cable Loss
Result = Quasi-peak Reading/ Average Reading + Factor
Limit = Limit stated in standard
Margin = Result (dBuV) – Limit (dBuV)

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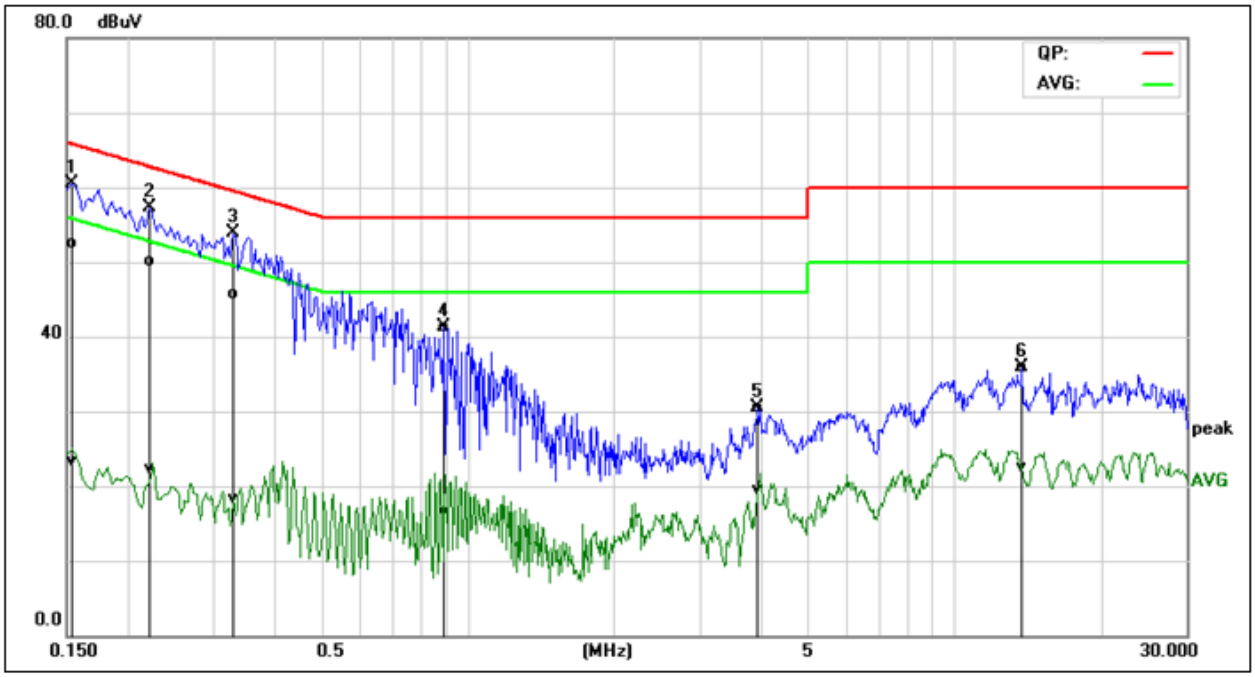
5.5.TEST RESULTS

All models were pretested and only the worst modes and channels were recorded in this report. (IEEE 802.11a 5180MHz)

EUT Name	Wireless Router	Model	SR1021Y
Environmental Conditions	23.9℃/47%RH	Test Mode	Adapter1 (KL-WA120150-D)
Power supply	AC120V/60Hz	Test Engineer	Tang Shenghui
Test Date	2021/11/05	Sample No.	E202109052880-0002

IEEE 802.11a:5180MHz

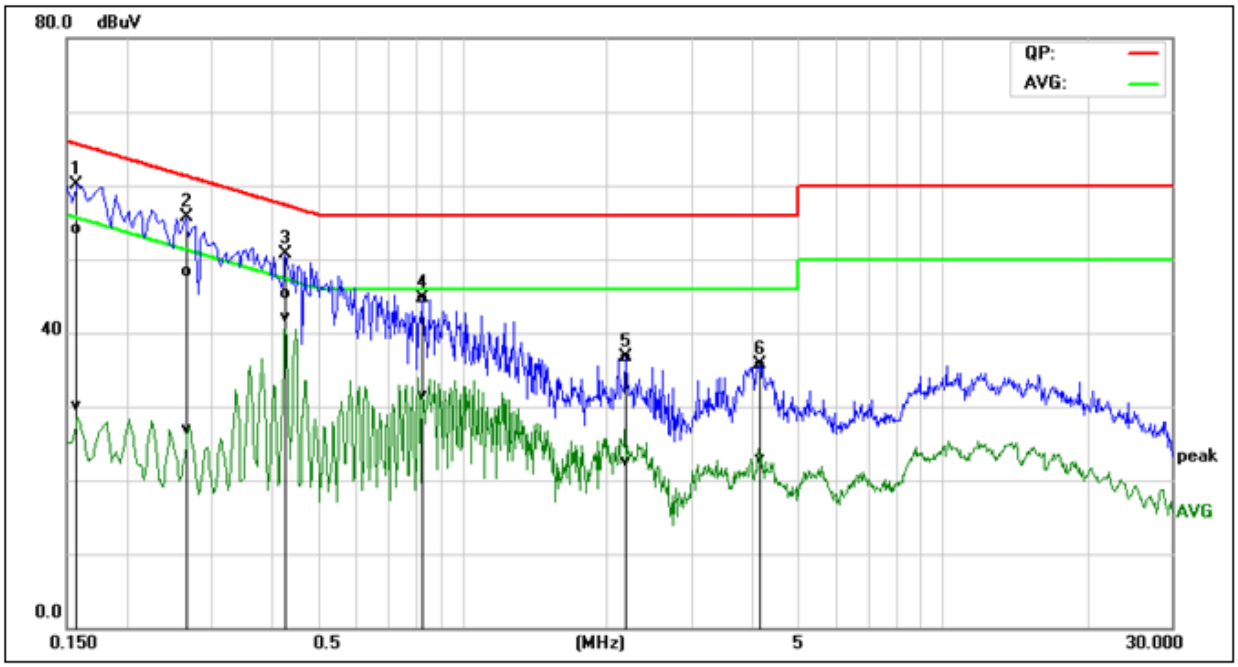


No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1539	43.06	13.86	9.54	52.60	23.40	65.78	55.79	-13.18	-32.39	Pass
2*	0.2220	40.65	12.75	9.55	50.20	22.30	62.74	52.74	-12.54	-30.44	Pass
3	0.3300	36.13	8.83	9.57	45.70	18.40	59.45	49.45	-13.75	-31.05	Pass
4	0.8980	31.65	6.82	9.59	41.24	16.41	56.00	46.00	-14.76	-29.59	Pass
5	3.9620	20.90	9.84	9.64	30.54	19.48	56.00	46.00	-25.46	-26.52	Pass
6	13.8060	26.04	12.75	9.85	35.89	22.60	60.00	50.00	-24.11	-27.40	Pass

Note: *L = Live Line*

EUT Name	Wireless Router	Model	SR1021Y
Environmental Conditions	23.9℃/47%RH	Test Mode	Adapter1 (KL-WA120150-D)
Power supply	AC120V/60Hz	Test Engineer	Tang Shenghui
Test Date	2021/11/05	Sample No.	E202109052880-0002

IEEE 802.11a:5180MHz

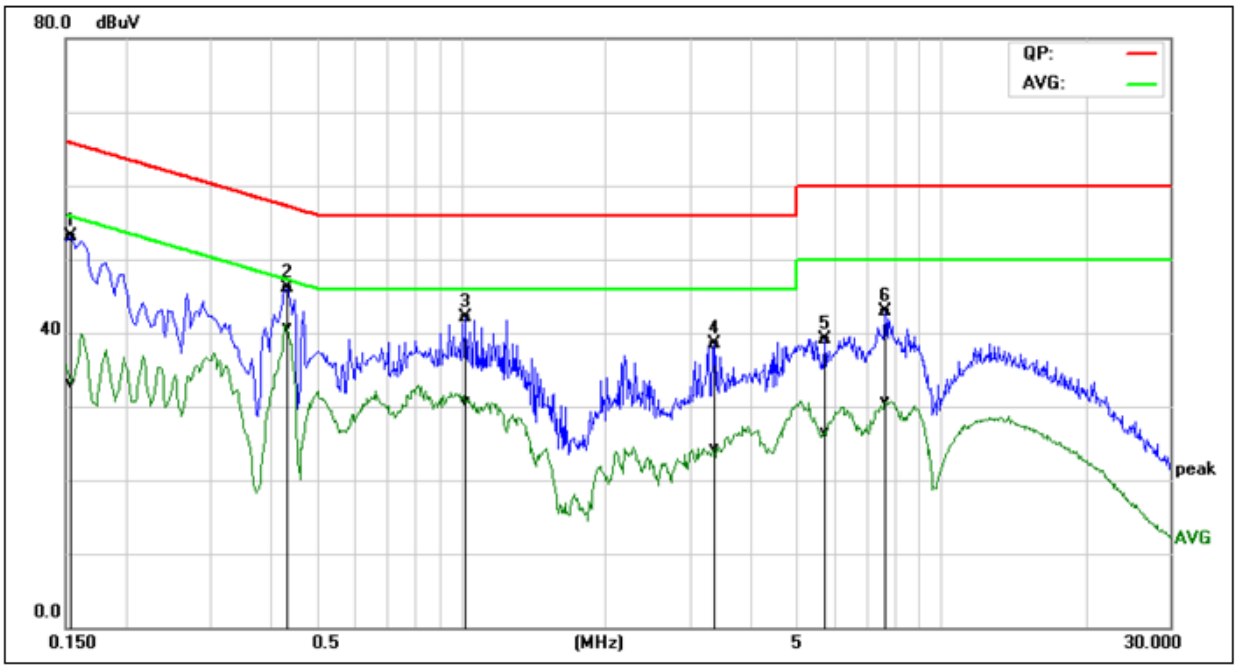


No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1580	44.68	20.68	9.52	54.20	30.20	65.56	55.57	-11.36	-25.37	Pass
2	0.2660	38.69	17.29	9.61	48.30	26.90	61.24	51.24	-12.94	-24.34	Pass
3*	0.4300	35.61	32.41	9.69	45.30	42.10	57.25	47.25	-11.95	-5.15	Pass
4	0.8300	35.02	21.88	9.65	44.67	31.53	56.00	46.00	-11.33	-14.47	Pass
5	2.1900	27.14	12.87	9.59	36.73	22.46	56.00	46.00	-19.27	-23.54	Pass
6	4.1779	26.14	13.21	9.63	35.77	22.84	56.00	46.00	-20.23	-23.16	Pass

Note: N = Neutral Line.

EUT Name	Wireless Router	Model	SR1021Y
Environmental Conditions	23.9℃/47%RH	Test Mode	Adapter 2 (RD120150-C55-153MG)
Power supply	AC120V/60Hz	Test Engineer	Tang Shenghui
Test Date	2021/11/05	Sample No.	E202109052880-0002

IEEE 802.11a:5180MHz

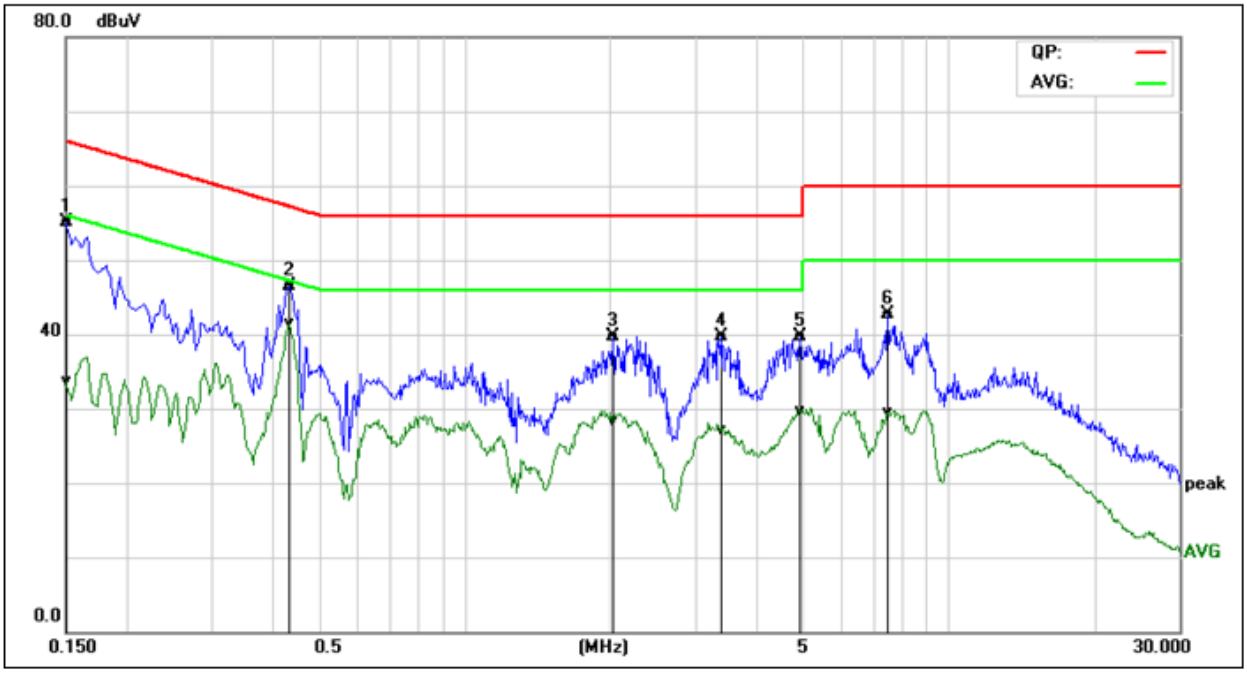


No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1539	43.54	23.61	9.54	53.08	33.15	65.78	55.79	-12.70	-22.64	Pass
2*	0.4340	36.48	31.16	9.59	46.07	40.75	57.18	47.18	-11.11	-6.43	Pass
3	1.0220	32.42	21.14	9.59	42.01	30.73	56.00	46.00	-13.99	-15.27	Pass
4	3.3740	28.94	14.65	9.63	38.57	24.28	56.00	46.00	-17.43	-21.72	Pass
5	5.7180	29.48	16.74	9.69	39.17	26.43	60.00	50.00	-20.83	-23.57	Pass
6	7.6780	33.08	20.96	9.75	42.83	30.71	60.00	50.00	-17.17	-19.29	Pass

Note: *L = Live Line*

EUT Name	Wireless Router	Model	SR1021Y
Environmental Conditions	23.9℃/47%RH	Test Mode	Adapter 2 (RD120150-C55-153MG)
Power supply	AC120V/60Hz	Test Engineer	Tang Shenghui
Test Date	2021/11/05	Sample No.	E202109052880-0002

IEEE 802.11a:5180MHz



No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1500	45.53	24.13	9.51	55.04	33.64	65.99	56.00	-10.95	-22.36	Pass
2*	0.4340	36.72	31.76	9.69	46.41	41.45	57.18	47.18	-10.77	-5.73	Pass
3	2.0300	30.10	18.62	9.59	39.69	28.21	56.00	46.00	-16.31	-17.79	Pass
4	3.3820	30.01	17.58	9.61	39.62	27.19	56.00	46.00	-16.38	-18.81	Pass
5	4.9420	30.03	20.03	9.66	39.69	29.69	56.00	46.00	-16.31	-16.31	Pass
6	7.5180	32.94	19.83	9.74	42.68	29.57	60.00	50.00	-17.32	-20.43	Pass

Note: N = Neutral Line.

6. RADIATED SPURIOUS EMISSIONS

6.1. LIMITS

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The unwanted emissions which fall in Restricted bands shall not exceed the field strength levels specified in the following table:

15.209 Radiated emission limits

Frequency (MHz)	Field Strength(μV/m)	Distance(m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

6.2. TEST PROCEDURES

a. EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
b. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
c. Set the EUT transmit continuously with maximum output power.
d. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
e. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
f. Spectrum analyzer setting parameters please see the below table.
g. Repeat above procedures until all channels were measured.
h. Record the results in the test report.

For 9kHz-150kHz

Spectrum Parameters	Setting
RBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
VBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
Start frequency	9kHz
Stop frequency	150kHz
Sweep Time	Auto
Detector	PEAK/QP/AVG
Trace Mode	Max Hold

Note : For 9kHz-90kHz&110kHz-150kHz,the detector is average,other frequency is CISPR QP detector.

For 150kHz-30MHz

Spectrum Parameters	Setting
RBW	9kHz
VBW	9kHz
Start frequency	150kHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

Note : For 150kHz-490kHz,the detector is average,other frequency is CISPR QP detector.

For 30MHz-1GHz

Spectrum Parameters	Setting
RBW	120kHz
VBW	300kHz
Start frequency	30MHz
Stop frequency	1GHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

For Above 1GHz

Spectrum Parameters	Setting	
RBW	1MHz	
VBW	PEAK Measurement	AVG Measurement
	3MHz	Duty cycle≥98%,VBW=10Hz Duty cycle＜98%,VBW≥1/T Video bandwidth mode=RMS (power averaging)
Start frequency	1GHz	
Stop frequency	40GHz	
Sweep Time	Auto	
Detector	PEAK	
Trace Mode	Max Hold	

Note :

(1) T is the on-time time of the duty cycle,when EUT transmit continuously with maximum output power,unit is seconds. reference section 2.7 for the on-time time.

(2) Above 18G test distance is 1m, so the Peak Limit=74+20*log(3/1)=83.54 (dBμV/m). The Avg Limit=54+20*log(3/1)=63.54 (dBμV/m).

---------- **The following blanks** ----------

6.3. TEST SETUP

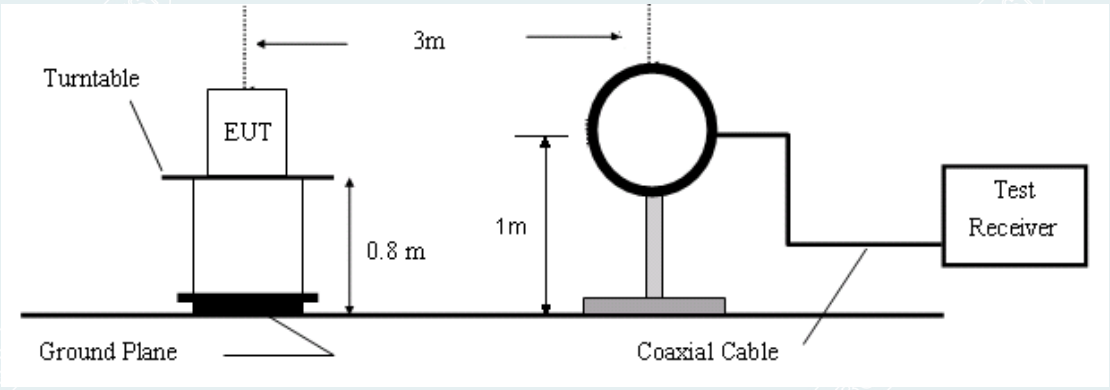


Figure 1. 9kHz to 30MHz radiated emissions test configuration

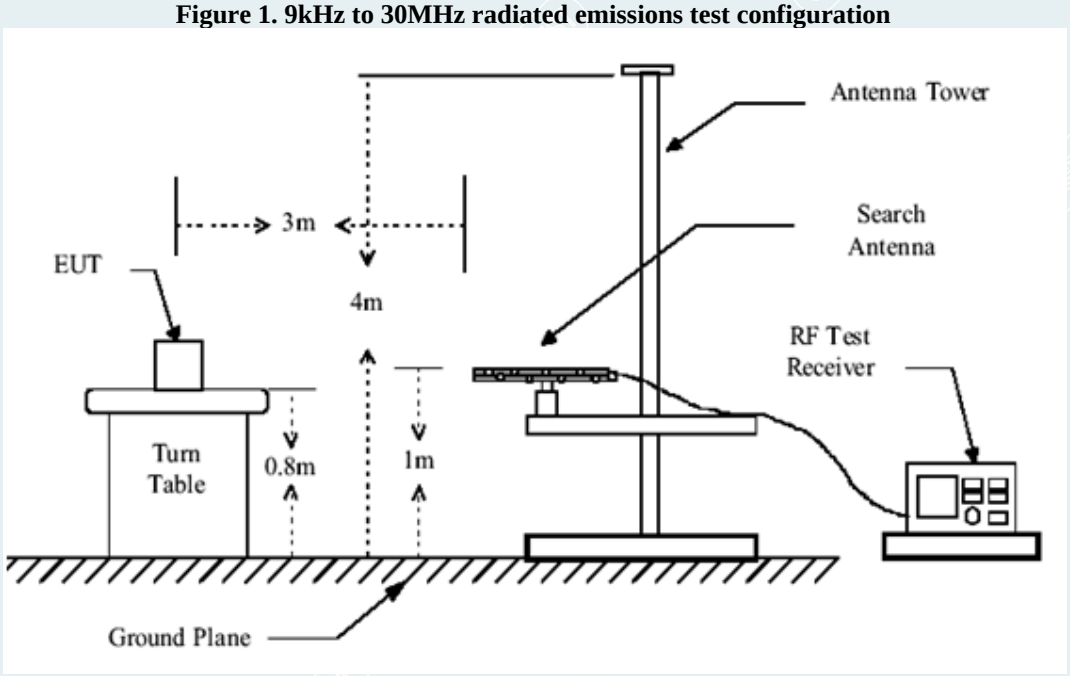


Figure 2. 30MHz to 1GHz radiated emissions test configuration

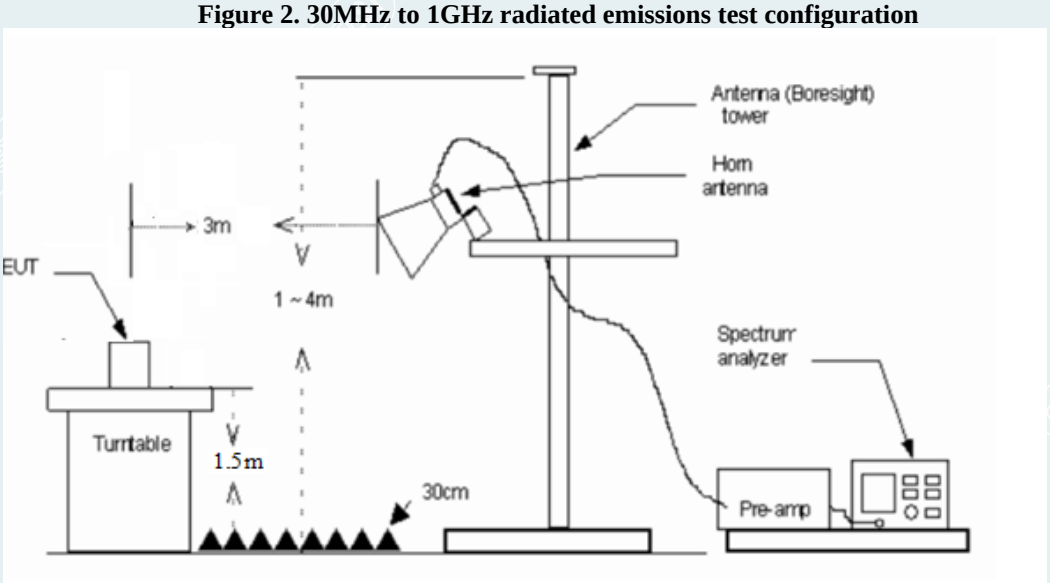


Figure 3. 1GHz-18GHz radiated emissions test configuration

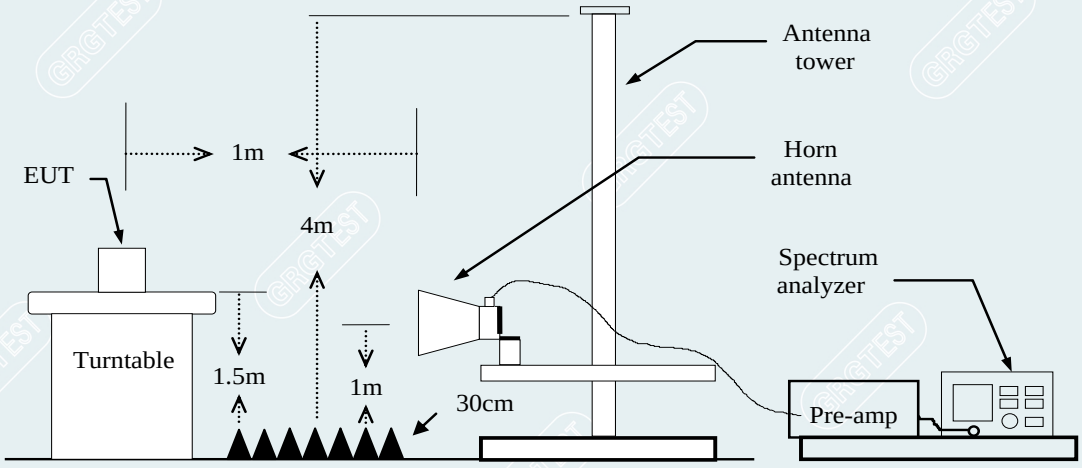


Figure 4. Above 18GHz radiated emissions test configuration

6.4. DATA SAMPLE

30MHz to 1GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	37.06	-15.48	21.58	40.00	-18.42	QP	Vertical

1GHz-18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Level (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	49.66	53.43	3.77	74.00	20.57	peak	Vertical
xxx	xxx	34.98	38.75	3.77	54.00	15.25	AVG	Vertical

Above 18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Level (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	59.22	58.58	-0.64	83.54	24.96	peak	Vertical
xxx	xxx	53.01	52.37	-0.64	63.54	11.17	AVG	Vertical

Frequency (MHz) = Emission frequency in MHz

Ant.Pol. (H/V) = Antenna polarization

Reading (dBuV) = Uncorrected Analyzer / Receiver reading

Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain

Result (dBuV/m) = Reading (dBuV) + Correction Factor (dB/m)

Limit (dBuV/m) = Limit stated in standard

Margin (dB) = Remark Result (dBuV/m) – Limit (dBuV/m)

Peak = Peak Reading

QP = Quasi-peak Reading

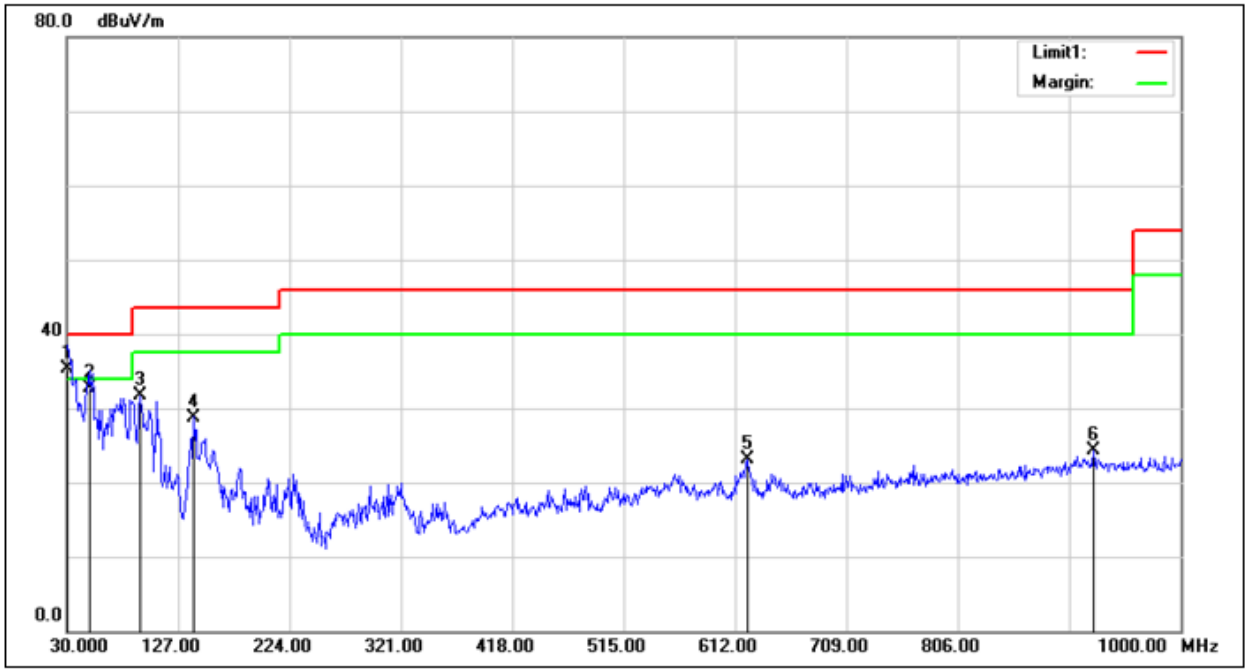
AVG = Average Reading

6.5. TEST RESULTS

30MHz to 1GHz

All models were pretested and only the worst modes and channels were recorded in this report. (IEEE 802.11a 5180MHz)

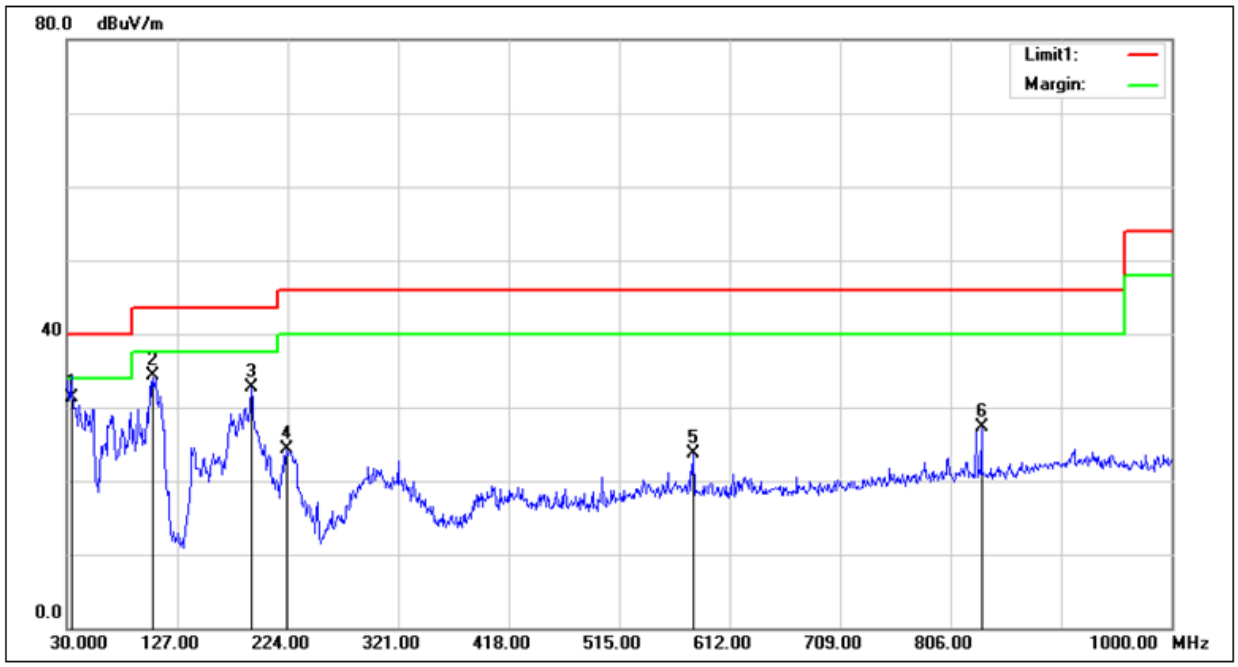
Mode: Mode 1+ Adapter 1/ IEEE 802.11a Channel :5180MHz
Temp. /Hum.:25.5℃/45%RH Power supply:AC120V/60Hz
Test Engineer: Zhong Fuping Test Date: 2021-11-04
Polarity: Vertical /



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg)	
1*	30.9700	52.20	-16.90	35.30	40.00	-4.70	100	95	QP
2	49.4000	58.13	-25.43	32.70	40.00	-7.30	100	107	QP
3	94.0200	61.09	-29.47	31.62	43.50	-11.88	100	136	QP
4	140.5800	54.54	-25.74	28.80	43.50	-14.70	100	240	QP
5	622.6700	39.53	-16.46	23.07	46.00	-22.93	100	256	QP
6	924.3400	37.53	-13.21	24.32	46.00	-21.68	201	360	QP

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25.5℃/45%RH
Test Engineer: Zhong Fuping
Polarity: Horizontal

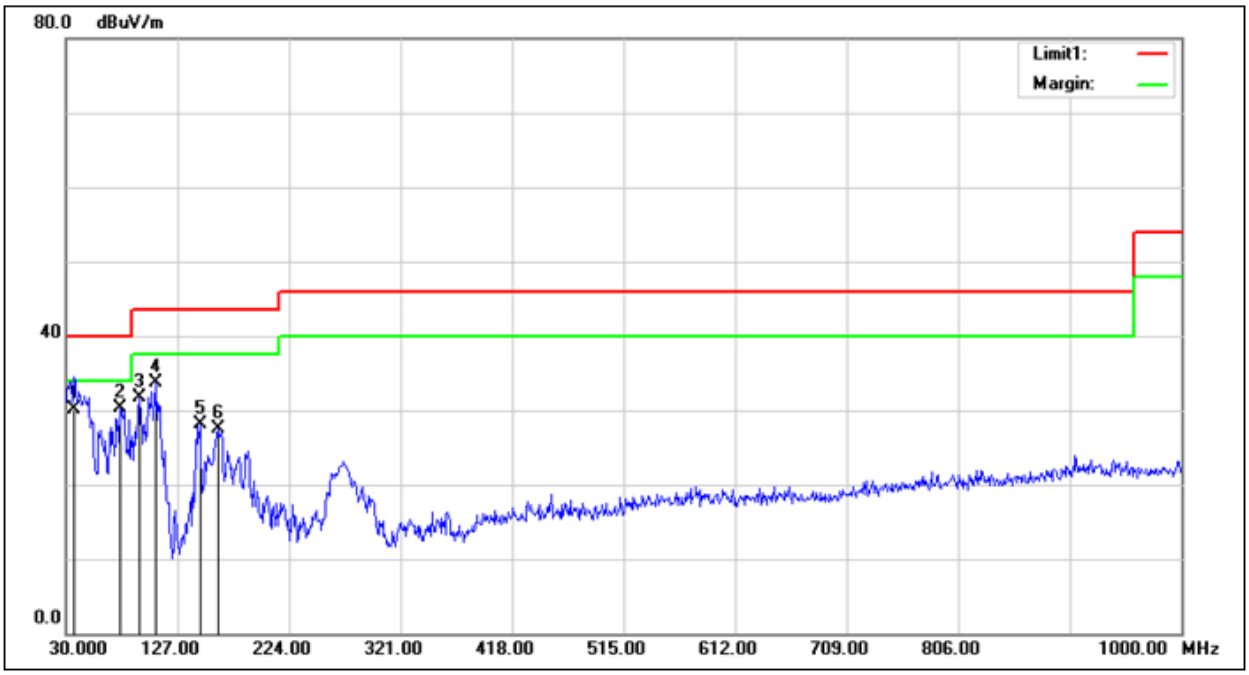
Channel :5180MHz
Power supply:AC120V/60Hz
Test Date: 2021-11-04
/



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg)	Remark
1*	33.8800	49.47	-18.25	31.22	40.00	-8.78	100	152	QP
2	105.6600	61.48	-27.27	34.21	43.50	-9.29	200	272	QP
3	191.9900	59.52	-26.91	32.61	43.50	-10.89	100	154	QP
4	223.0300	48.97	-24.76	24.21	46.00	-21.79	200	276	QP
5	579.9900	40.28	-16.64	23.64	46.00	-22.36	200	215	QP
6	833.1600	41.45	-14.13	27.32	46.00	-18.68	201	0	QP

Mode: Mode 1+ Adapter 2/ IEEE 802.11a
Temp. /Hum.:25.5℃/45%RH
Test Engineer: Zhong Fuping
Polarity: Vertical

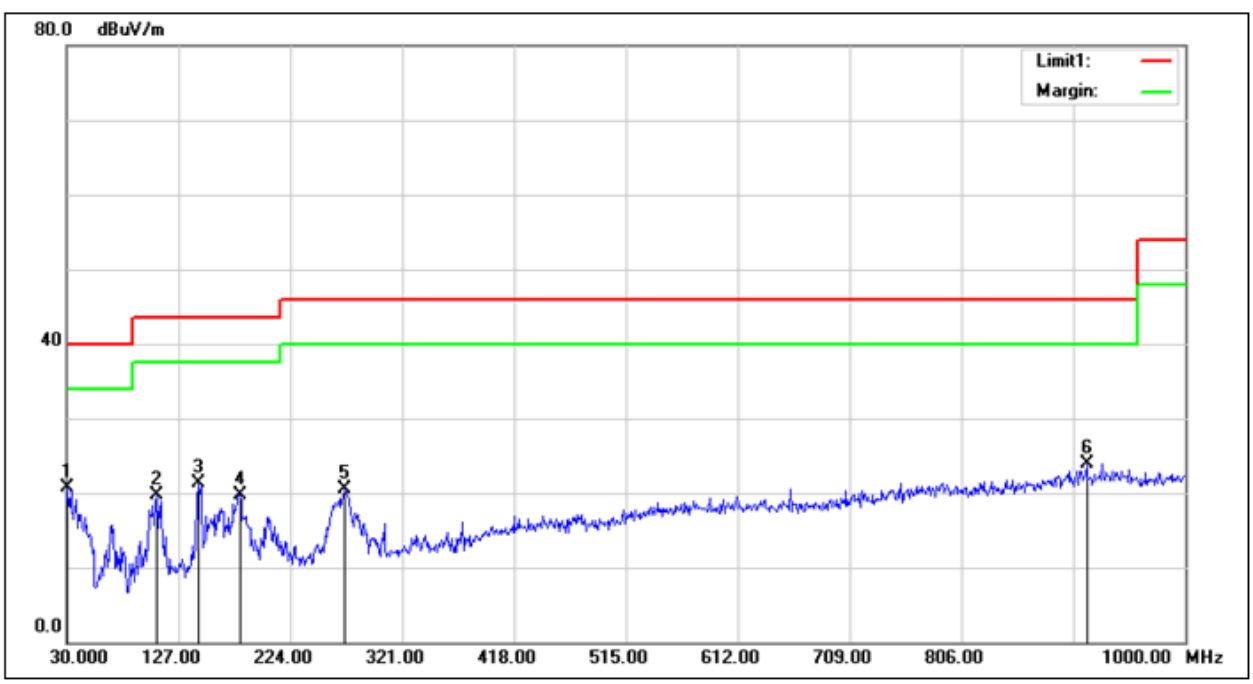
Channel :5180MHz
Power supply:AC120V/60Hz
Test Date: 2021-11-04
/



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg)	Remark
1	36.7900	49.74	-19.64	30.10	40.00	-9.90	100	355	QP
2*	76.5600	61.34	-31.10	30.24	40.00	-9.76	100	91	QP
3	94.0200	61.10	-29.47	31.63	43.50	-11.87	100	54	QP
4	108.5700	60.45	-26.76	33.69	43.50	-9.81	100	286	QP
5	146.4000	54.09	-26.04	28.05	43.50	-15.45	100	290	QP
6	161.9200	54.45	-26.93	27.52	43.50	-15.98	100	322	QP

Mode: Mode 1+ Adapter 2/ IEEE 802.11a
Temp. /Hum.:25.5℃/45%RH
Test Engineer: Zhong Fuping
Polarity: Horizontal

Channel :5180MHz
Power supply:AC120V/60Hz
Test Date: 2021-11-04
/



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg)	Remark
1*	30.9700	37.63	-16.90	20.73	40.00	-19.27	200	358	QP
2	108.5700	46.56	-26.76	19.80	43.50	-23.70	200	247	QP
3	144.4600	47.17	-25.94	21.23	43.50	-22.27	200	158	QP
4	180.3500	47.11	-27.36	19.75	43.50	-23.75	100	280	QP
5	270.5600	44.79	-24.22	20.57	46.00	-25.43	100	114	QP
6	914.6400	37.08	-13.23	23.85	46.00	-22.15	100	340	QP

Above 1GHz-18GHz

Pre-scan all modes and recorded the worst case results in this report (IEEE 802.11a / 802.11n HT20 / 802.11n HT40 / 802.11ac VHT80 / 802.11ax HE20 / 802.11ax HE40 / 802.11ax HE80).

Mode: Mode 1/ IEEE 802.11a Channel :5180MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1595.8000	72.01	49.10	-22.91	74.00	24.90	100	249	Horizontal
2	2391.4000	68.18	48.17	-20.01	68.30	20.13	100	188	Horizontal
3	3199.6000	61.68	45.01	-16.67	68.30	23.29	100	16	Horizontal
4	6609.4000	49.53	44.21	-5.32	68.30	24.09	100	154	Horizontal
5	10361.6000	50.01	53.08	3.07	68.30	15.22	100	82	Horizontal
6	17692.0000	40.40	58.05	17.65	68.30	10.25	100	131	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1596.4463	-22.92	51.70	28.78	54.00	25.22	117	228	Horizontal
2	17682.9771	17.66	27.69	45.35	54.00	8.65	100	356	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1596.4000	71.60	48.69	-22.91	74.00	25.31	200	332	Vertical
2	2396.8000	69.37	49.42	-19.95	68.30	18.88	100	168	Vertical
3	3423.4000	59.96	43.30	-16.66	68.30	25.00	100	352	Vertical
4	10359.4000	57.38	60.47	3.09	68.30	7.83	100	77	Vertical
5	14015.8000	40.82	50.14	9.32	68.30	18.16	200	268	Vertical
6	17650.2000	41.06	57.38	16.32	68.30	10.92	100	104	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1600.3830	-22.91	42.05	19.14	54.00	34.86	110	66	Vertical
2	2391.4791	-19.95	52.89	32.94	53.91	20.97	100	177	Vertical
3	17676.3223	16.32	27.37	43.69	54.00	10.31	100	2	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5200MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	57.40	32.24	-25.16	74.00	41.76	100	172	Horizontal
2	1773.4000	62.02	39.76	-22.26	68.30	28.54	200	171	Horizontal
3	3401.8000	57.74	41.00	-16.74	68.30	27.30	200	200	Horizontal
4	6573.4000	48.40	43.39	-5.01	68.30	24.91	200	165	Horizontal
5	10400.1000	49.30	52.09	2.79	68.30	16.21	200	196	Horizontal
6	17736.0000	40.16	57.50	17.34	74.00	16.50	100	31	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17779.4532	17.34	26.97	44.31	54.00	9.69	100	19	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1032.4000	57.59	32.49	-25.10	74.00	41.51	100	123	Vertical
2	1768.0000	66.46	44.16	-22.30	68.30	24.14	100	199	Vertical
3	2417.8000	56.17	36.36	-19.81	68.30	31.94	200	287	Vertical
4	3401.8000	59.60	42.86	-16.74	68.30	25.44	200	239	Vertical
5	10399.0000	57.26	60.06	2.80	68.30	8.24	100	86	Vertical
6	17701.9000	39.35	57.23	17.88	74.00	16.77	200	0	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17732.3473	17.88	26.60	44.48	54.00	9.52	200	4	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5240MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1118.8000	56.64	31.87	-24.77	74.00	42.13	100	294	Horizontal
2	1771.0000	63.66	41.38	-22.28	68.30	26.92	200	348	Horizontal
3	3751.6000	53.32	38.87	-14.45	74.00	35.13	100	103	Horizontal
4	7129.8000	48.95	45.01	-3.94	68.30	23.29	200	72	Horizontal
5	10487.0000	48.41	52.04	3.63	68.30	16.26	100	78	Horizontal
6	17706.3000	40.02	57.83	17.81	74.00	16.17	100	311	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17732.6824	17.81	26.37	44.18	54.00	9.82	100	358	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	57.07	31.91	-25.16	74.00	42.09	100	42	Vertical
2	1774.6000	71.53	49.28	-22.25	68.30	19.02	200	287	Vertical
3	2923.0000	53.98	36.21	-17.77	68.30	32.09	200	158	Vertical
4	8518.0000	47.10	45.95	-1.15	68.30	22.35	200	195	Vertical
5	10481.5000	56.37	59.91	3.54	68.30	8.39	100	65	Vertical
6	17725.0000	39.77	57.29	17.52	74.00	16.71	100	17	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17767.5400	17.52	26.72	44.24	54.00	9.76	100	358	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5260MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1048.0000	56.73	31.66	-25.07	74.00	42.34	200	359	Horizontal
2	1769.2000	62.63	40.34	-22.29	68.30	27.96	200	311	Horizontal
3	3728.2000	53.09	38.50	-14.59	74.00	35.50	200	359	Horizontal
4	7709.5000	47.37	44.96	-2.41	74.00	29.04	100	28	Horizontal
5	10522.2000	53.15	56.86	3.71	68.30	11.44	200	267	Horizontal
6	17715.1000	39.55	57.22	17.67	74.00	16.78	100	165	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17759.2992	17.67	26.00	43.67	54.00	10.33	100	2	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1768.0000	68.82	46.52	-22.30	68.30	21.78	200	52	Vertical
2	2638.6000	54.25	35.53	-18.72	68.30	32.77	200	161	Vertical
3	3423.4000	58.74	42.08	-16.66	68.30	26.22	100	244	Vertical
4	7691.9000	47.25	44.76	-2.49	74.00	29.24	100	144	Vertical
5	10515.6000	58.80	62.55	3.75	68.30	5.75	200	68	Vertical
6	17710.7000	39.34	57.08	17.74	74.00	16.92	100	96	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17729.2077	17.74	26.57	44.31	54.00	9.69	100	11	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5280MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1022.2000	56.55	31.43	-25.12	74.00	42.57	100	354	Horizontal
2	2515.0000	55.30	35.97	-19.33	68.30	32.33	100	260	Horizontal
3	3867.4000	52.11	38.98	-13.13	74.00	35.02	100	28	Horizontal
4	7735.9000	47.25	45.02	-2.23	74.00	28.98	200	100	Horizontal
5	10561.8000	51.38	54.80	3.42	68.30	13.50	100	31	Horizontal
6	17711.8000	39.73	57.45	17.72	74.00	16.55	200	243	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17731.6372	17.73	26.28	44.01	54.00	9.99	200	7	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1048.6000	57.43	32.36	-25.07	74.00	41.64	100	179	Vertical
2	1778.2000	65.85	43.62	-22.23	68.30	24.68	200	172	Vertical
3	4278.4000	52.02	39.45	-12.57	74.00	34.55	200	330	Vertical
4	7722.7000	47.32	45.00	-2.32	74.00	29.00	100	105	Vertical
5	10559.6000	58.33	61.78	3.45	68.30	6.52	100	111	Vertical
6	17728.3000	39.73	57.19	17.46	74.00	16.81	100	326	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17772.6208	17.47	26.82	44.29	54.00	9.71	102	15	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5320MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1037.8000	56.58	31.49	-25.09	74.00	42.51	200	48	Horizontal
2	1858.0000	55.45	33.58	-21.87	68.30	34.72	200	103	Horizontal
3	2159.8000	57.35	36.03	-21.32	68.30	32.27	100	137	Horizontal
4	3139.6000	54.10	36.49	-17.61	68.30	31.81	200	48	Horizontal
5	10641.0000	51.35	54.15	2.80	74.00	19.85	100	38	Horizontal
6	17731.6000	40.35	57.76	17.41	74.00	16.24	100	332	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10641.4788	2.79	38.61	41.40	54.00	12.60	100	108	Horizontal
2	17774.5991	17.41	27.74	45.15	54.00	8.85	100	2	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1080.4000	57.73	32.78	-24.95	74.00	41.22	100	282	Vertical
2	1891.0000	55.87	33.99	-21.88	68.30	34.31	100	101	Vertical
3	2159.8000	57.57	36.25	-21.32	68.30	32.05	200	341	Vertical
4	3401.8000	60.04	43.30	-16.74	68.30	25.00	200	272	Vertical
5	10638.8000	58.14	60.95	2.81	74.00	13.05	100	106	Vertical
6	17723.9000	40.97	58.50	17.53	74.00	15.50	100	91	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10639.2787	2.81	44.10	46.91	54.00	7.09	100	123	Vertical
2	17767.2349	17.53	27.17	44.70	54.00	9.30	107	2	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5500MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1030.0000	56.36	31.25	-25.11	74.00	42.75	100	116	Horizontal
2	2160.4000	58.14	36.83	-21.31	68.30	31.47	100	199	Horizontal
3	2642.2000	54.65	35.99	-18.66	68.30	32.31	200	287	Horizontal
4	8504.8000	46.51	45.42	-1.09	68.30	22.88	200	284	Horizontal
5	10999.6000	51.44	54.75	3.31	74.00	19.25	200	161	Horizontal
6	17690.9000	40.46	58.08	17.62	68.30	10.22	100	356	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10999.9850	3.31	41.16	44.47	54.00	9.53	200	164	Horizontal
2	17684.0890	17.62	27.39	45.01	54.00	8.99	100	105	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1080.4000	57.29	32.34	-24.95	74.00	41.66	200	48	Vertical
2	1769.2000	69.22	46.93	-22.29	68.30	21.37	200	82	Vertical
3	2480.2000	56.42	36.82	-19.60	68.30	31.48	200	232	Vertical
4	4605.4000	50.04	40.06	-9.98	74.00	33.94	100	172	Vertical
5	11000.7000	54.96	58.29	3.33	74.00	15.71	200	65	Vertical
6	17704.1000	39.77	57.62	17.85	74.00	16.38	100	65	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11000.7550	3.33	39.81	43.14	54.00	10.86	200	139	Vertical
2	17732.0725	17.85	27.05	44.90	54.00	9.10	100	2	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5580MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1040.8000	56.44	31.35	-25.09	74.00	42.65	100	295	Horizontal
2	2028.4000	56.08	34.58	-21.50	68.30	33.72	200	63	Horizontal
3	2779.0000	54.30	35.80	-18.50	74.00	38.20	200	158	Horizontal
4	3870.4000	52.33	39.20	-13.13	74.00	34.80	100	131	Horizontal
5	11159.1000	53.69	57.96	4.27	74.00	16.04	200	16	Horizontal
6	17825.1000	40.37	56.89	16.52	74.00	17.11	100	120	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11159.4348	4.27	44.40	48.67	54.00	5.33	175	24	Horizontal
2	17868.2367	16.53	27.52	44.05	54.00	9.95	100	354	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1086.4000	56.56	31.63	-24.93	74.00	42.37	100	145	Vertical
2	1766.2000	60.40	38.08	-22.32	68.30	30.22	100	275	Vertical
3	2656.0000	55.18	36.66	-18.52	68.30	31.64	200	351	Vertical
4	3791.8000	52.89	39.14	-13.75	74.00	34.86	200	228	Vertical
5	11161.3000	57.35	61.62	4.27	74.00	12.38	200	64	Vertical
6	17732.7000	40.45	57.84	17.39	74.00	16.16	100	107	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11158.3423	4.27	42.92	47.19	54.00	6.81	200	48	Vertical
2	17773.1306	17.40	26.81	44.21	54.00	9.79	100	2	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5700MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	57.55	32.39	-25.16	74.00	41.61	200	227	Horizontal
2	1883.2000	55.58	33.70	-21.88	68.30	34.60	200	282	Horizontal
3	3227.8000	53.97	37.05	-16.92	68.30	31.25	200	151	Horizontal
4	4687.6000	49.67	40.17	-9.50	74.00	33.83	200	130	Horizontal
5	11405.5000	54.30	58.97	4.67	74.00	15.03	200	147	Horizontal
6	17825.1000	40.64	57.16	16.52	74.00	16.84	100	153	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11399.1129	4.67	44.19	48.86	54.00	5.14	160	165	Horizontal
2	17866.9890	16.53	27.34	43.87	54.00	10.13	100	4	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	56.71	31.55	-25.16	74.00	42.45	100	323	Vertical
2	1400.8000	56.22	32.74	-23.48	74.00	41.26	200	138	Vertical
3	2413.6000	55.09	35.26	-19.83	68.30	33.04	200	124	Vertical
4	4210.0000	51.52	39.22	-12.30	74.00	34.78	100	275	Vertical
5	11397.8000	57.45	62.14	4.69	74.00	11.86	200	99	Vertical
6	17704.1000	39.89	57.74	17.85	74.00	16.26	100	311	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11400.1935	4.69	42.97	47.66	54.00	6.34	200	139	Vertical
2	17731.6299	17.85	26.02	43.87	54.00	10.13	100	275	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5745MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1088.5000	57.10	32.18	-24.92	74.00	41.82	200	130	Horizontal
2	2279.5000	54.92	34.67	-20.25	74.00	39.33	200	121	Horizontal
3	3871.0000	52.08	38.95	-13.13	74.00	35.05	200	25	Horizontal
4	5746.0000	72.45	63.85	-8.60	68.30	4.45	200	57	Horizontal
5	11490.7500	53.52	58.62	5.10	74.00	15.38	200	157	Horizontal
6	17681.0000	37.26	54.56	17.30	68.30	13.74	100	149	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11488.7966	5.10	43.11	48.21	54.00	5.79	200	147	Horizontal
2	17644.7540	17.30	28.22	45.52	53.99	8.47	191	325	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1008.2500	56.20	31.05	-25.15	74.00	42.95	200	198	Vertical
2	2662.0000	54.57	36.07	-18.50	68.30	32.23	100	158	Vertical
3	5747.5000	59.34	50.77	-8.57	68.30	17.53	100	360	Vertical
4	7955.6250	46.49	44.60	-1.89	68.30	23.70	200	260	Vertical
5	11492.1250	54.24	59.36	5.12	74.00	14.64	200	73	Vertical
6	17865.2500	37.20	54.15	16.95	74.00	19.85	200	260	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11490.1713	5.12	44.75	49.87	54.00	4.13	200	72	Vertical
2	17861.9449	16.94	28.00	44.94	54.00	9.06	168	305	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5785MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1098.2500	57.04	32.15	-24.89	74.00	41.85	200	228	Horizontal
2	2152.0000	55.56	34.12	-21.44	68.30	34.18	200	260	Horizontal
3	3641.5000	52.79	37.33	-15.46	74.00	36.67	100	260	Horizontal
4	5782.0000	67.99	59.23	-8.76	68.30	9.07	100	260	Horizontal
5	11570.5000	51.84	56.67	4.83	74.00	17.33	200	156	Horizontal
6	17352.3750	41.72	54.59	12.87	68.30	13.71	200	133	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11569.8636	4.83	43.16	47.99	54.00	6.01	198	146	Horizontal
2	17354.8911	12.87	36.14	49.01	53.95	4.94	180	91	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	57.23	32.07	-25.16	74.00	41.93	200	260	Vertical
2	1636.0000	55.53	32.89	-22.64	68.30	35.41	100	4	Vertical
3	3208.0000	54.29	37.56	-16.73	68.30	30.74	100	129	Vertical
4	5787.2500	65.36	56.56	-8.80	68.30	11.74	200	227	Vertical
5	11570.5000	53.22	58.05	4.83	74.00	15.95	100	124	Vertical
6	17828.1250	37.04	53.63	16.59	74.00	20.37	100	355	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11570.6157	4.83	46.17	51.00	54.00	3.00	109	128	Vertical
2	17872.1605	16.59	28.22	44.81	54.00	9.19	189	204	Vertical

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Channel :5825MHz
Power supply:AC120V/60Hz
Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1068.2500	56.18	31.18	-25.00	74.00	42.82	200	100	Horizontal
2	1890.2500	56.11	34.23	-21.88	68.30	34.07	100	303	Horizontal
3	3099.2500	53.40	36.15	-17.25	68.30	32.15	100	140	Horizontal
4	5826.2500	70.12	61.51	-8.61	68.30	6.79	100	100	Horizontal
5	11654.3750	50.17	54.84	4.67	74.00	19.16	200	145	Horizontal
6	17478.8750	40.00	53.51	13.51	68.30	14.79	200	88	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11650.8204	4.66	43.44	48.10	54.00	5.90	195	148	Horizontal
2	17474.5927	13.51	34.56	48.07	53.97	5.90	198	90	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1127.5000	56.98	32.26	-24.72	74.00	41.74	200	360	Vertical
2	2672.5000	54.15	35.68	-18.47	68.30	32.62	200	343	Vertical
3	3784.7500	52.64	38.76	-13.88	74.00	35.24	100	278	Vertical
4	5826.2500	62.50	53.89	-8.61	68.30	14.41	200	100	Vertical
5	11647.5000	53.00	57.70	4.70	74.00	16.30	100	121	Vertical
6	17874.8750	35.97	52.86	16.89	74.00	21.14	100	219	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11649.7130	4.69	44.67	49.36	54.00	4.64	105	130	Vertical
2	17871.6575	16.88	27.97	44.85	54.00	9.15	132	237	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5180MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1913.8000	55.40	33.50	-21.90	68.30	34.80	200	287	Horizontal
2	2794.6000	54.77	36.30	-18.47	74.00	37.70	200	358	Horizontal
3	3769.0000	53.49	39.34	-14.15	74.00	34.66	100	83	Horizontal
4	7734.8000	47.05	44.81	-2.24	74.00	29.19	100	175	Horizontal
5	10362.7000	50.08	53.15	3.07	68.30	15.15	200	92	Horizontal
6	15540.4000	43.70	50.38	6.68	74.00	23.62	200	10	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	15535.8933	6.69	30.76	37.45	54.00	16.55	200	358	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1307.2000	56.13	32.21	-23.92	74.00	41.79	200	288	Vertical
2	2020.6000	55.11	33.59	-21.52	68.30	34.71	100	110	Vertical
3	3721.6000	53.35	38.73	-14.62	74.00	35.27	200	281	Vertical
4	7172.7000	49.21	45.65	-3.56	68.30	22.65	200	154	Vertical
5	10362.7000	56.63	59.70	3.07	68.30	8.60	100	100	Vertical
6	15539.3000	46.43	53.11	6.68	74.00	20.89	200	86	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	15540.2324	6.69	31.75	38.44	54.00	15.56	160	148	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5200MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1396.0000	56.07	32.56	-23.51	74.00	41.44	100	234	Horizontal
2	1825.6000	55.15	33.19	-21.96	68.30	35.11	100	4	Horizontal
3	2673.4000	54.24	35.77	-18.47	68.30	32.53	100	145	Horizontal
4	7150.7000	48.10	44.76	-3.34	68.30	23.54	100	356	Horizontal
5	10403.4000	50.03	52.84	2.81	68.30	15.46	200	93	Horizontal
6	13988.3000	39.33	48.77	9.44	74.00	25.23	100	59	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10399.1346	2.81	37.61	40.42	54.00	13.58	200	226	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1353.4000	55.85	32.13	-23.72	74.00	41.87	100	4	Vertical
2	2068.0000	54.77	33.31	-21.46	68.30	34.99	200	62	Vertical
3	3280.6000	53.61	36.66	-16.95	68.30	31.64	100	360	Vertical
4	3938.8000	52.31	39.45	-12.86	74.00	34.55	200	220	Vertical
5	7702.9000	48.53	46.08	-2.45	74.00	27.92	200	60	Vertical
6	13904.7000	40.85	49.48	8.63	68.30	18.82	200	66	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10399.3947	2.81	43.91	46.72	54.00	7.28	153	55	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5240MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1294.6000	55.97	32.00	-23.97	74.00	42.00	100	329	Horizontal
2	1987.6000	55.17	33.52	-21.65	68.30	34.78	200	349	Horizontal
3	2835.4000	54.02	35.76	-18.26	74.00	38.24	200	282	Horizontal
4	6574.0000	48.13	43.11	-5.02	68.30	25.19	200	158	Horizontal
5	10485.9000	51.89	55.50	3.61	68.30	12.80	200	215	Horizontal
6	15725.2000	43.91	51.02	7.11	74.00	22.98	200	17	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	15722.0550	7.11	30.88	37.99	54.00	16.01	152	358	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1168.6000	57.00	32.43	-24.57	74.00	41.57	100	68	Vertical
2	2030.2000	55.19	33.69	-21.50	68.30	34.61	100	96	Vertical
3	3157.6000	54.44	36.89	-17.55	68.30	31.41	100	220	Vertical
4	6539.8000	48.31	43.28	-5.03	68.30	25.02	200	55	Vertical
5	10481.5000	58.60	62.14	3.54	68.30	6.16	100	79	Vertical
6	15719.7000	45.65	52.84	7.19	74.00	21.16	200	107	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	15718.5210	7.18	31.53	38.71	54.00	15.29	200	153	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5260MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1692.4000	56.07	33.68	-22.39	74.00	40.32	100	189	Horizontal
2	2548.0000	54.76	35.98	-18.78	68.30	32.32	100	264	Horizontal
3	4223.2000	52.48	40.24	-12.24	74.00	33.76	100	243	Horizontal
4	7737.0000	47.10	44.87	-2.23	74.00	29.13	200	76	Horizontal
5	10521.1000	52.00	55.72	3.72	68.30	12.58	200	97	Horizontal
6	13988.3000	39.55	48.99	9.44	74.00	25.01	100	338	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1184.8000	61.62	37.07	-24.55	74.00	36.93	100	319	Vertical
2	2348.2000	57.36	36.88	-20.48	74.00	37.12	100	326	Vertical
3	3654.4000	53.50	38.15	-15.35	74.00	35.85	100	25	Vertical
4	7715.0000	47.57	45.20	-2.37	74.00	28.80	100	348	Vertical
5	10521.1000	58.17	61.89	3.72	68.30	6.41	100	75	Vertical
6	15774.7000	45.56	51.95	6.39	74.00	22.05	200	111	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	15778.2493	6.39	30.88	37.27	54.00	16.73	180	154	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5280MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-08-11

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1309.0000	56.12	32.21	-23.91	74.00	41.79	200	4	Horizontal
2	1900.6000	55.78	33.90	-21.88	68.30	34.40	200	177	Horizontal
3	3228.4000	53.42	36.50	-16.92	68.30	31.80	100	178	Horizontal
4	4217.8000	51.85	39.59	-12.26	74.00	34.41	200	150	Horizontal
5	7167.2000	49.38	45.88	-3.50	68.30	22.42	200	332	Horizontal
6	10560.7000	51.10	54.54	3.44	68.30	13.76	200	277	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1048.6000	56.17	31.10	-25.07	74.00	42.90	200	337	Vertical
2	1627.0000	55.93	33.22	-22.71	74.00	40.78	200	158	Vertical
3	2657.2000	53.94	35.42	-18.52	68.30	32.88	200	310	Vertical
4	7163.9000	47.86	44.39	-3.47	68.30	23.91	200	0	Vertical
5	10560.7000	59.18	62.62	3.44	68.30	5.68	200	80	Vertical
6	15834.1000	44.11	51.11	7.00	74.00	22.89	100	107	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	15841.4629	7.00	31.75	38.75	54.00	15.25	200	132	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5320MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1354.0000	55.52	31.80	-23.72	74.00	42.20	200	1	Horizontal
2	2034.4000	55.37	33.88	-21.49	68.30	34.42	100	359	Horizontal
3	4273.6000	52.01	39.52	-12.49	74.00	34.48	100	146	Horizontal
4	7717.2000	47.88	45.52	-2.36	74.00	28.48	100	352	Horizontal
5	10641.0000	50.87	53.67	2.80	74.00	20.33	200	278	Horizontal
6	14007.0000	39.16	48.65	9.49	74.00	25.35	100	237	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10641.5853	2.79	39.92	42.71	54.00	11.29	100	293	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1042.6000	56.55	31.47	-25.08	74.00	42.53	200	89	Vertical
2	1709.2000	55.21	32.84	-22.37	74.00	41.16	200	138	Vertical
3	3613.0000	53.67	38.06	-15.61	74.00	35.94	200	76	Vertical
4	7715.0000	47.47	45.10	-2.37	74.00	28.90	200	18	Vertical
5	10638.8000	58.08	60.89	2.81	74.00	13.11	100	107	Vertical
6	15965.0000	43.55	50.98	7.43	74.00	23.02	200	113	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10641.2469	2.81	44.14	46.95	54.00	7.05	100	43	Vertical
2	15959.4123	7.43	29.41	36.84	54.00	17.16	179	155	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5500MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1130.2000	57.05	32.35	-24.70	74.00	41.65	100	127	Horizontal
2	3197.2000	54.22	37.50	-16.72	68.30	30.80	100	141	Horizontal
3	3971.8000	52.85	39.45	-13.40	74.00	34.55	200	291	Horizontal
4	7157.3000	49.02	45.62	-3.40	68.30	22.68	100	131	Horizontal
5	10999.6000	55.06	58.37	3.31	74.00	15.63	200	349	Horizontal
6	16495.2000	47.22	55.42	8.20	68.30	12.88	200	213	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10999.9300	3.31	41.84	45.15	54.00	8.85	200	311	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1301.8000	56.39	32.45	-23.94	74.00	41.55	200	319	Vertical
2	1753.6000	58.75	36.34	-22.41	68.30	31.96	200	1	Vertical
3	2712.4000	54.53	36.10	-18.43	74.00	37.90	100	101	Vertical
4	3951.4000	52.64	39.81	-12.83	74.00	34.19	200	26	Vertical
5	7719.4000	48.14	45.80	-2.34	74.00	28.20	200	294	Vertical
6	11004.0000	57.14	60.54	3.40	74.00	13.46	200	259	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11001.5791	3.41	44.83	48.24	54.00	5.76	198	233	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5580MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1489.6000	56.09	33.14	-22.95	74.00	40.86	100	129	Horizontal
2	2905.6000	55.23	37.54	-17.69	68.30	30.76	100	32	Horizontal
3	3797.8000	53.42	39.77	-13.65	74.00	34.23	200	114	Horizontal
4	7716.1000	47.97	45.61	-2.36	74.00	28.39	100	280	Horizontal
5	11161.3000	56.04	60.31	4.27	74.00	13.69	200	334	Horizontal
6	16736.1000	48.46	57.36	8.90	68.30	10.94	200	245	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11159.9048	4.27	45.74	50.01	54.00	3.99	200	319	Horizontal
2	16736.1113	8.92	34.25	43.17	54.00	10.83	200	225	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1480.6000	56.92	33.93	-22.99	74.00	40.07	100	153	Vertical
2	2652.4000	54.64	36.11	-18.53	68.30	32.19	100	16	Vertical
3	3946.6000	52.70	39.89	-12.81	74.00	34.11	100	65	Vertical
4	7151.8000	48.84	45.49	-3.35	68.30	22.81	200	199	Vertical
5	8714.9000	46.66	46.40	-0.26	68.30	21.90	100	260	Vertical
6	11162.4000	57.06	61.33	4.27	74.00	12.67	100	315	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11158.8280	4.27	44.28	48.55	54.00	5.45	100	225	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5700MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1098.4000	57.06	32.17	-24.89	74.00	41.83	100	243	Horizontal
2	1751.8000	59.65	37.22	-22.43	68.30	31.08	100	155	Horizontal
3	3958.0000	52.77	39.76	-13.01	74.00	34.24	200	0	Horizontal
4	7202.4000	48.79	44.93	-3.86	68.30	23.37	100	273	Horizontal
5	11396.7000	57.09	61.78	4.69	74.00	12.22	200	336	Horizontal
6	17091.4000	48.38	58.05	9.67	68.30	10.25	200	247	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11399.0933	4.69	45.07	49.76	54.00	4.24	200	315	Horizontal
2	17091.4024	9.61	34.18	43.85	54.00	10.15	200	302	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1534.0000	56.64	33.78	-22.86	74.00	40.22	100	332	Vertical
2	2029.6000	54.78	33.28	-21.50	68.30	35.02	200	356	Vertical
3	2876.8000	54.47	36.57	-17.90	74.00	37.43	200	346	Vertical
4	3952.6000	52.80	39.94	-12.86	74.00	34.06	200	352	Vertical
5	5068.6000	50.88	41.39	-9.49	74.00	32.61	200	59	Vertical
6	11404.4000	59.21	63.89	4.68	74.00	10.11	200	254	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11398.8118	4.68	47.06	51.74	54.00	2.26	101	234	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5745MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-31

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1180.7500	56.84	32.29	-24.55	74.00	41.71	200	195	Horizontal
2	3198.2500	53.82	37.12	-16.70	68.30	31.18	100	260	Horizontal
3	5746.7500	58.95	50.37	-8.58	68.30	17.93	200	260	Horizontal
4	9191.7500	48.68	49.23	0.55	74.00	24.77	100	108	Horizontal
5	11492.1250	51.12	56.24	5.12	74.00	17.76	200	156	Horizontal
6	17870.7500	35.80	52.71	16.91	74.00	21.29	200	246	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11488.6774	5.12	43.75	48.87	54.00	5.13	200	148	Horizontal
2	17872.5371	16.91	27.87	44.78	54.00	9.22	101	186	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	56.67	31.51	-25.16	74.00	42.49	200	100	Vertical
2	1896.2500	55.87	33.99	-21.88	68.30	34.31	200	345	Vertical
3	5744.5000	58.63	49.99	-8.64	68.30	18.31	100	100	Vertical
4	9102.3750	45.38	45.52	0.14	74.00	28.48	200	244	Vertical
5	11492.1250	53.21	58.33	5.12	74.00	15.67	200	66	Vertical
6	17850.1250	36.23	53.27	17.04	74.00	20.73	100	260	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11488.5624	5.12	43.28	48.40	54.00	5.60	200	74	Vertical
2	17869.5816	17.04	27.80	44.84	54.00	9.16	162	328	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5785MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-31

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1306.0000	56.07	32.15	-23.92	74.00	41.85	200	260	Horizontal
2	2026.0000	54.92	33.41	-21.51	68.30	34.89	200	203	Horizontal
3	3198.2500	53.17	36.47	-16.70	68.30	31.83	200	155	Horizontal
4	5782.7500	67.37	58.60	-8.77	68.30	9.70	100	260	Horizontal
5	11573.2500	52.32	57.13	4.81	74.00	16.87	200	149	Horizontal
6	17356.5000	41.11	53.96	12.85	68.30	14.34	200	100	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11569.0836	4.81	44.47	49.28	54.00	4.72	200	148	Horizontal
2	17355.6322	12.85	35.22	48.07	53.96	5.89	184	93	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1360.0000	56.83	33.14	-23.69	74.00	40.86	100	260	Vertical
2	2521.7500	54.28	35.06	-19.22	68.30	33.24	200	260	Vertical
3	4136.5000	52.01	39.19	-12.82	74.00	34.81	100	99	Vertical
4	5786.5000	66.88	58.09	-8.79	68.30	10.21	200	236	Vertical
5	11567.7500	54.41	59.26	4.85	74.00	14.74	200	100	Vertical
6	17872.1250	36.06	52.96	16.90	74.00	21.04	100	100	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11570.2949	4.85	45.19	50.04	54.00	3.96	197	69	Vertical
2	17861.4017	16.91	27.95	44.86	54.00	9.14	102	252	Vertical

Mode: Mode 1/ IEEE 802.11n HT20 Channel :5825MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-31

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1098.2500	57.64	32.75	-24.89	74.00	41.25	200	360	Horizontal
2	2509.7500	54.99	35.57	-19.42	68.30	32.73	200	279	Horizontal
3	3192.2500	53.98	37.16	-16.82	68.30	31.14	200	247	Horizontal
4	5830.0000	69.53	60.97	-8.56	68.30	7.33	100	100	Horizontal
5	11648.8750	53.39	58.09	4.70	74.00	15.91	200	138	Horizontal
6	17477.5000	44.00	57.53	13.53	68.30	10.77	200	89	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11649.0497	4.70	45.64	50.34	54.00	3.66	195	148	Horizontal
2	17474.5288	13.52	37.11	50.63	53.97	3.34	198	92	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1216.0000	56.51	32.10	-24.41	74.00	41.90	200	198	Vertical
2	2557.7500	54.58	35.74	-18.84	68.30	32.56	200	100	Vertical
3	5827.0000	65.61	57.01	-8.60	68.30	11.29	200	100	Vertical
4	9319.6250	45.02	45.64	0.62	74.00	28.36	100	48	Vertical
5	11648.8750	53.88	58.58	4.70	74.00	15.42	200	65	Vertical
6	17835.0000	35.57	52.30	16.73	74.00	21.70	100	260	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11651.5542	4.70	44.59	49.29	54.00	4.71	197	74	Vertical
2	17868.7082	16.73	27.85	44.58	54.00	9.42	117	360	Vertical

Mode: Mode 1/ IEEE 802.11n HT40 Channel :5190MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-28

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1178.2000	56.42	31.86	-24.56	74.00	42.14	200	189	Horizontal
2	1746.4000	56.44	34.01	-22.43	68.30	34.29	200	189	Horizontal
3	3204.4000	54.10	37.40	-16.70	68.30	30.90	100	86	Horizontal
4	3950.8000	52.37	39.56	-12.81	74.00	34.44	200	92	Horizontal
5	7734.8000	47.26	45.02	-2.24	74.00	28.98	200	42	Horizontal
6	10386.9000	44.99	47.88	2.89	68.30	20.42	200	282	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1135.0000	56.57	31.89	-24.68	74.00	42.11	100	25	Vertical
2	2164.0000	54.46	33.20	-21.26	68.30	35.10	100	352	Vertical
3	2914.0000	54.56	36.84	-17.72	68.30	31.46	100	203	Vertical
4	3947.8000	52.35	39.55	-12.80	74.00	34.45	100	2	Vertical
5	7712.8000	48.09	45.70	-2.39	74.00	28.30	100	34	Vertical
6	10380.3000	52.17	55.11	2.94	68.30	13.19	100	267	Vertical

Mode: Mode 1/ IEEE 802.11n HT40 Channel :5230MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-28

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1073.8000	56.89	31.91	-24.98	74.00	42.09	200	292	Horizontal
2	1603.6000	55.29	32.40	-22.89	74.00	41.60	200	18	Horizontal
3	2736.4000	53.73	35.22	-18.51	74.00	38.78	200	264	Horizontal
4	3739.0000	53.15	38.61	-14.54	74.00	35.39	200	25	Horizontal
5	7730.4000	47.97	45.70	-2.27	74.00	28.30	200	150	Horizontal
6	10463.9000	48.36	51.62	3.26	68.30	16.68	200	280	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1759.6000	57.00	34.63	-22.37	68.30	33.67	200	258	Vertical
2	2387.8000	54.89	34.84	-20.05	74.00	39.16	200	258	Vertical
3	2856.4000	54.04	35.93	-18.11	74.00	38.07	100	183	Vertical
4	4072.0000	52.45	39.21	-13.24	74.00	34.79	200	38	Vertical
5	7155.1000	48.04	44.66	-3.38	68.30	23.64	100	307	Vertical
6	10479.3000	53.34	56.85	3.51	68.30	11.45	200	266	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10458.2366	3.50	42.97	46.47	54.00	7.53	118	242	Vertical

Mode: Mode 1/ IEEE 802.11n HT40 Channel :5270MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1121.8000	56.58	31.83	-24.75	74.00	42.17	200	341	Horizontal
2	1465.6000	56.55	33.47	-23.08	74.00	40.53	200	75	Horizontal
3	2683.0000	54.18	35.74	-18.44	68.30	32.56	200	334	Horizontal
4	3716.8000	53.63	38.98	-14.65	74.00	35.02	200	116	Horizontal
5	7180.4000	48.16	44.53	-3.63	74.00	29.47	200	183	Horizontal
6	10536.5000	48.59	52.22	3.63	68.30	16.08	200	101	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1120.0000	56.60	31.84	-24.76	74.00	42.16	200	314	Vertical
2	1528.0000	55.44	32.57	-22.87	74.00	41.43	100	232	Vertical
3	2284.0000	54.58	34.37	-20.21	74.00	39.63	100	239	Vertical
4	3094.6000	54.23	36.91	-17.32	68.30	31.39	100	198	Vertical
5	7156.2000	48.41	45.02	-3.39	68.30	23.28	100	278	Vertical
6	10546.4000	55.36	58.93	3.57	68.30	9.37	100	292	Vertical

Mode: Mode 1/ IEEE 802.11n HT40 Channel :5310MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1195.6000	56.89	32.35	-24.54	74.00	41.65	200	299	Horizontal
2	1749.4000	56.92	34.48	-22.44	68.30	33.82	100	79	Horizontal
3	2695.6000	54.93	36.53	-18.40	74.00	37.47	200	93	Horizontal
4	3674.8000	52.56	37.49	-15.07	74.00	36.51	100	148	Horizontal
5	8496.0000	47.91	46.73	-1.18	74.00	27.27	200	273	Horizontal
6	10620.1000	48.58	51.49	2.91	74.00	22.51	100	226	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10619.9407	2.91	37.39	40.30	54.00	13.70	100	199	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1269.4000	56.46	32.38	-24.08	74.00	41.62	200	278	Vertical
2	2261.8000	54.28	33.88	-20.40	74.00	40.12	100	299	Vertical
3	3284.8000	54.08	37.15	-16.93	74.00	36.85	200	35	Vertical
4	3938.8000	53.03	40.17	-12.86	74.00	33.83	100	328	Vertical
5	7726.0000	47.99	45.69	-2.30	74.00	28.31	200	312	Vertical
6	10620.1000	54.86	57.77	2.91	74.00	16.23	100	260	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10627.9589	2.91	43.47	46.38	54.00	7.62	100	251	Vertical

Mode: Mode 1/ IEEE 802.11n HT40 Channel :5510MHz
Temp. /Hum.:25℃/60%RH Power supply:AC120V/60Hz
Test Engineer: Lu Qiang Test Date: 2021-10-27

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1108.6000	56.45	31.62	-24.83	74.00	42.38	200	1	Horizontal
2	1748.2000	56.39	33.95	-22.44	68.30	34.35	200	356	Horizontal
3	2572.6000	55.42	36.42	-19.00	68.30	31.88	100	108	Horizontal
4	4071.4000	52.91	39.66	-13.25	74.00	34.34	100	204	Horizontal
5	8310.1000	47.12	45.57	-1.55	74.00	28.43	100	41	Horizontal
6	11017.2000	48.74	52.46	3.72	74.00	21.54	200	336	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11019.5136	3.72	38.99	42.71	54.00	11.29	200	319	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1096.6000	56.63	31.74	-24.89	74.00	42.26	200	326	Vertical
2	1484.8000	56.90	33.93	-22.97	74.00	40.07	200	306	Vertical
3	2666.8000	54.83	36.34	-18.49	68.30	31.96	100	6	Vertical
4	3940.0000	52.25	39.39	-12.86	74.00	34.61	200	12	Vertical
5	7713.9000	47.75	45.37	-2.38	74.00	28.63	100	116	Vertical
6	11019.4000	51.62	55.39	3.77	74.00	18.61	200	247	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11021.7141	3.77	41.91	45.68	54.00	8.32	200	243	Vertical