

TEST REPORT

Applicant Name : YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.
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Xiamen City, Fujian, China
Report Number : SZNS220511-19727E-RF-00
FCC ID: T2C-YL43752

Test Standard (s)

FCC PART 15.407

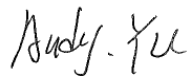
Sample Description

Product Type: Wireless LAN &Bluetooth Stamp Module
Model No.: YL43752
Multiple Model(s) No.: N/A
Trade Mark: Yealink
Date Received: 2022/05/11
Report Date: 2022/09/23

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:



Audy Yu
EMC Engineer

Approved By:



Candy Li
EMC Engineer

Note: This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk "*" .

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Frequency Range	5G Wi-Fi: 5150-5250MHz; 5250-5350MHz; 5470-5725MHz; 5725-5850MHz
Mode	802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80
Maximum Conducted Average Output Power	5150-5250 MHz: 11.65dBm 5250-5350MHz: 12.24dBm 5470-5725MHz: 11.76dBm 5725-5850 MHz: 13.98dBm
Modulation Technique	OFDM
Antenna Specification*	FPC antenna: ANT1:3.25dBi, ANT2:3.25dBi Iron antenna: ANT1:4.18dBi,ANT2:3.03dBi ; PCB antenna: ANT1:3.08dBi,ANT2:3.28dBi (It is provided by the applicant)
Voltage Range	DC 3.3V
Sample serial number	SZNS220511-19727E-RF-S1 for Conducted and Radiated Emissions SZNS220511-19727E-RF-S2 for RF Conducted Test (Assigned by ATC)
Sample/EUT Status	Good condition

Note: Three types of antenna was used for EUT test, detail please refer to EUT photo.

Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commissions rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. And KDB789033 D02 General U-NII Test Procedures New Rules v02r01.

All emissions measurement was performed at Shenzhen Accurate Technology Co., Ltd. The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Each test item follows test standards and with no deviation.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		5%
RF Frequency		0.082×10^{-7}
RF output power, conducted		0.73dB
Unwanted Emission, conducted		1.6dB
AC Power Lines Conducted Emissions		2.72dB
Emissions, Radiated	9kHz - 30MHz	2.66dB
	30MHz - 1GHz	4.28dB
	1GHz - 18GHz	4.98dB
	18GHz - 26.5GHz	5.06dB
	26.5GHz - 40GHz	4.72dB
Temperature		1°C
Humidity		6%
Supply voltages		0.4%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the 1/F., Building A, Changyuan New Material Port, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, P.R. China.

The test site has been approved by the FCC under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 708358, the FCC Designation No.: CN1189. Accredited by American Association for Laboratory Accreditation (A2LA) The Certificate Number is 429 7.01.

Listed by Innovation, Science and Economic Development Canada (ISED), the Registration Number is 5077A.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in an engineering mode, which was provided by manufacturer.

The device supports 5G Wi-Fi 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80 modes.

For 5150-5250MHz Band, 7 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210	/	/

For 802.11a, 802.11n20/ac20/ax20 mode: channel 36, 40, 48 were tested; For 802.11n40/ac40/ax40 mode: channel 38, 46 were tested. For 802.11ac80/ax80 mode, channel 42 was tested.

For 5250-5350MHz Band, 7 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320
58	5290	/	/

For 802.11a, 802.11n20/ac20/ax20 mode: channel 52, 56, 64 were tested; For 802.11n40/ac40/ax40 mode: channel 54, 62 were tested. For 802.11ac80/ax80 mode, channel 58 was tested.

For 5470-5725MHz Band, 18 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	120	5600
102	5510	122	5610
104	5520	124	5620
106	5530	126	5630
108	5540	128	5640
110	5550	132	5660
112	5560	134	5670
116	5580	136	5680
118	5590	140	5700

For 802.11a, 802.11n20/ac20/ax20 mode: channel 100, 116, 140 were tested; For 802.11n40/ac40/ax40 mode: channel 102, 110, 134 were tested. For 802.11ac80/ax80 mode, channel 106, 122 was tested.

For 5725-5850MHz Band, 8 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785
151	5755	159	5795
153	5765	161	5805
155	5775	165	5825

For 802.11a, 802.11n20/ac20/ax20 mode: channel 149, 157, 165 were tested; For 802.11n40/ac40/ax40 mode: channel 151, 159 were tested. For 802.11ac80/ax80 mode, channel 155 was tested.

EUT Exercise Software

“AuthenticTool*” exercise software was used. The software and power level was provided by the applicant.

The worst case was performed under:

U-NII	Mode	Data Rate	Power Level*		
			Low	Middle	High
5150 – 5250MHz	802.11 a	6Mbps	12	12	12
	802.11 n20	MCS0	11	11	11
	802.11 n40	MCS0	12	/	12
	802.11 ac20	MCS0	11	11	11
	802.11 ac40	MCS0	12	/	12
	802.11 ac80	MCS0	/	13	/
	802.11 ax20	MCS0	12	12	12
	802.11 ax40	MCS0	12	/	12
5250 – 5350MHz	802.11 a	6Mbps	12	12	12
	802.11 n20	MCS0	12	12	12
	802.11 n40	MCS0	12	/	12
	802.11 ac20	MCS0	12	12	12
	802.11 ac40	MCS0	12	/	12
	802.11 ac80	MCS0	/	12	/
	802.11 ax20	MCS0	12	12	12
	802.11 ax40	MCS0	12	/	12
802.11 ax80	MCS0	/	12	/	

U-NII	Mode	Data Rate	Power Level*		
			Low	Middle	High
5470 – 5725MHz	802.11 a	6Mbps	11	11	11
	802.11 n20	MCS0	11	11	11
	802.11 n40	MCS0	12	12	12
	802.11 ac20	MCS0	11	11	11
	802.11 ac40	MCS0	12	12	12
	802.11 ac80	MCS0	12	/	12
	802.11 ax20	MCS0	11	11	11
	802.11 ax40	MCS0	12	12	12
5725 – 5850MHz	802.11 a	6Mbps	14	14	14
	802.11 n20	MCS0	14	14	14
	802.11 n40	MCS0	13	/	13
	802.11 ac20	MCS0	14	14	14
	802.11 ac40	MCS0	13	/	13
	802.11 ac80	MCS0	/	14	/
	802.11 ax20	MCS0	14	14	14
	802.11 ax40	MCS0	13	/	13
	802.11 ax80	MCS0	/	14	/

The worse-case data rates are determined to be as follows for each mode based upon investigations by measuring the output power and PSD across all data rated bandwidths, and modulations.

EUT has two antennas and support SISO/MIMO transmit except for 802.11a mode which only support SISO. The MIMO mode was the worst case which select to test. All the antenna ports have the same power level.

Duty cycle

Test Result: Pass. Please refer to the Appendix.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

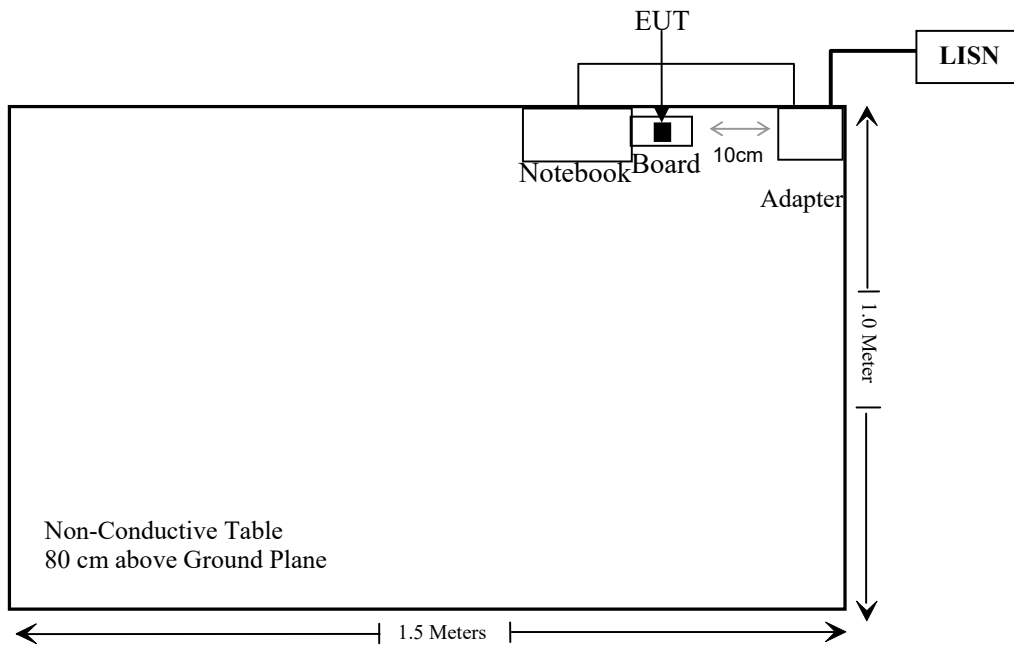
Manufacturer	Description	Model	Serial Number
DELL	Note Book	Latitude E4710	PC201911252059
DELL	Adapter	42T4416	11S42T4416Z 1Z
YEALINK	Board	Unknown	Unknown

External I/O Cable

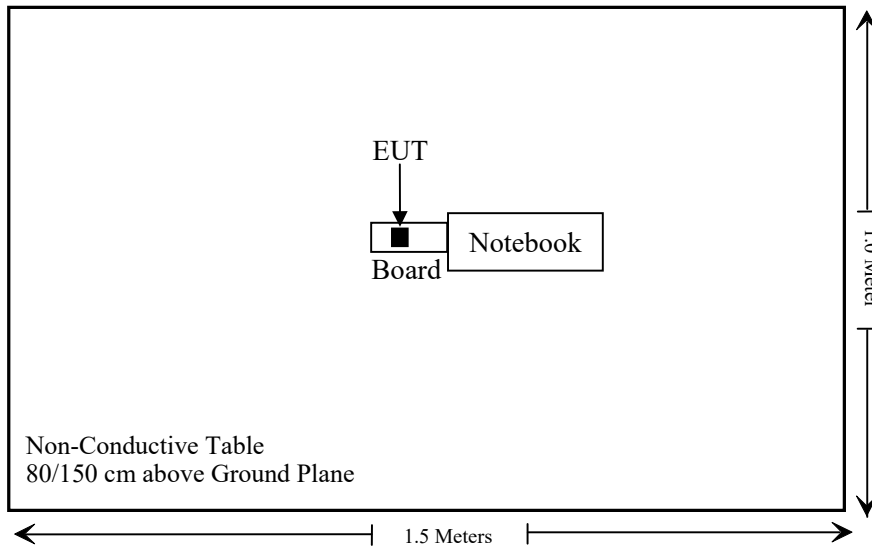
Cable Description	Length (m)	From Port	To
Un-shielded detachable AC cable	1.5	Adapter	LISN
Un-shielded Un-detachable DC cable	2.5	Adapter	NoteBook

Block Diagram of Test Setup

For conducted emission:



For Radiated Emissions:



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1307 (b) (3) & §2.1093	Maximum Permissible Exposure (MPE)	Compliant
§15.203	Antenna Requirement	Compliant
§15.407(b)(9)& §15.207(a)	Conducted Emissions	Compliant
§15.205& §15.209 &§15.407(b)	Undesirable Emission& Restricted Bands	Compliant
§15.407(a) (e)	26 dB Emission Bandwidth & 6dB Bandwidth	Compliant
§15.407(a)	Conducted Transmitter Output Power	Compliant
§15.407 (a)	Power Spectral Density	Compliant
§15.407 (h)	Transmit Power Control (TPC)	Not Applicable
§15.407 (h)	Dynamic Frequency Selection (DFS)	Compliant*

Not Applicable: the EUT has no TPC function which was declared by the applicant.

Compliant*: Please refer to the DFS report: SZNS220511-19727E-RFC.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions Test					
Rohde& Schwarz	EMI Test Receiver	ESCI	100784	2021/12/13	2022/12/12
Rohde & Schwarz	L.I.S.N.	ENV216	101314	2021/12/13	2022/12/12
Anritsu Corp	50 Coaxial Switch	MP59B	6100237248	2021/12/13	2022/12/12
Unknown	RF Coaxial Cable	No.17	N0350	2021/12/14	2022/12/13
Conducted Emission Test Software: e3 19821b (V9)					
Radiated Emissions Test					
Rohde& Schwarz	Test Receiver	ESR	102725	2021/12/13	2022/12/12
Rohde&Schwarz	Spectrum Analyzer	FSV40	101949	2021/12/13	2022/12/12
SONOMA INSTRUMENT	Amplifier	310 N	186131	2021/11/09	2022/11/08
A.H. Systems, inc.	Preamplifier	PAM-0118P	135	2021/11/09	2022/11/08
Quinstar	Amplifier	QLW-18405536-J0	15964001002	2021/11/11	2022/11/10
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2021/07/06	2024/07/05
Schwarzbeck	Horn Antenna	BBHA9120D	9120D-1067	2020/01/05	2023/01/04
Schwarzbeck	HORN ANTENNA	BBHA9170	9170-359	2020/01/05	2023/01/04
Radiated Emission Test Software: e3 19821b (V9)					
Unknown	RF Coaxial Cable	No.10	N050	2021/12/14	2022/12/13
Unknown	RF Coaxial Cable	No.11	N1000	2021/12/14	2022/12/13
Unknown	RF Coaxial Cable	No.12	N040	2021/12/14	2022/12/13
Unknown	RF Coaxial Cable	No.13	N300	2021/12/14	2022/12/13
Unknown	RF Coaxial Cable	No.14	N800	2021/12/14	2022/12/13
Unknown	RF Coaxial Cable	No.15	N600	2021/12/14	2022/12/13
Unknown	RF Coaxial Cable	No.16	N650	2021/12/14	2022/12/13
CD	Band Reject Filter	BRM-5.15/5.35g-45	075	2021/12/14	2022/12/13
CD	Band Reject Filter	BRM-5.725/5.875G-45	065	2021/12/14	2022/12/13

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
Rohde&Schwarz	Spectrum Analyzer	FSV-40	101590	2022/01/19	2023/01/18
Tonscend	RF Control Unit	JS0806-2	19G8060182	2021/10/26	2022/10/25
Unknown	RF Coaxial Cable	Unknown	1	Each time	/

* **Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §1.1307 (b) (3) & §2.1091- MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(1)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2f$.
1,500-100,000	$19.2R^2$.

R is the minimum separation distance in meters
 f = frequency in MHz

For multiple RF sources: Multiple RF sources are exempt if:

in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Result

For worst case:

Mode	Frequency (MHz)	Tune up conducted power	Antenna Gain		ERP		Evaluation Distance (m)	ERP Limit (W)
		(dBm)	(dBi)	(dBd)	(dBm)	(W)		
BT	2402-2480	8.5	3.32	1.17	9.67	0.009	0.2	0.768
BLE	2402-2480	8.0	3.32	1.17	9.17	0.008	0.2	0.768
2.4G Wi-Fi	2412-2462	18.5	3.32	1.17	19.67	0.093	0.2	0.768
5G Wi-Fi	5180-5240	12.0	4.18	2.03	14.03	0.025	0.2	0.768
	5260-5280	13.0	4.18	2.03	15.03	0.032	0.2	0.768
	5500-5700	12.0	4.18	2.03	14.03	0.025	0.2	0.768
	5745-5825	14.5	4.18	2.03	16.53	0.045	0.2	0.768

Note: 1. The tune up conducted power and antenna gain was declared by the applicant.

2. The BT can transmit at the same time with the Wi-Fi, the 2.4G Wi-Fi and 5G Wi-Fi cannot Simultaneous transmitting

Simultaneous transmitting consideration (worst case):

The ratio= $ERP_{BT}/limit+ERP_{Wi-Fi}/limit=0.009/0.768+0.093/0.768=0.133 < 1.0$, so simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant.

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.

Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.407 (a), if the transmitting antennas of directional gain greater than 6dBi are used, the transmit power and power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has been test using three types of antenna, please refer to the EUT photos.

No.	Antenna Type	ANT	Antenna Gain	Impedance	Frequency Range
1	FPC	ANT 1	3.25dBi	50 Ω	5.15-5.85GHz
		ANT 2	3.25dBi	50 Ω	5.15-5.85GHz
2	Iron	ANT 1	4.18dBi	50 Ω	5.15-5.85GHz
		ANT 2	3.03dBi	50 Ω	5.15-5.85GHz
3	PCB	ANT 1	3.08dBi	50 Ω	5.15-5.85GHz
		ANT 2	3.28dBi	50 Ω	5.15-5.85GHz

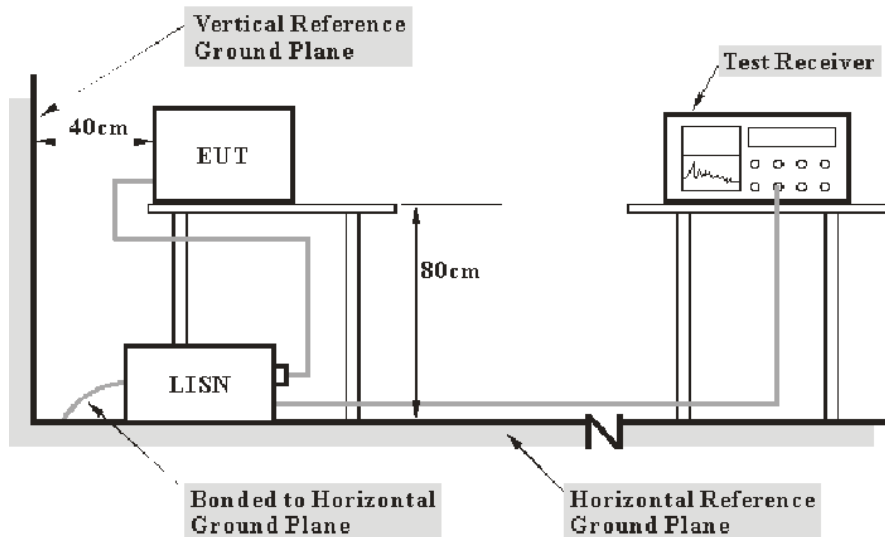
Result: Compliant.

FCC §15.407 (b) (6) §15.207 (a) – CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207, §15.407(b) (6)

EUT Setup



- Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Transd Factor & Margin Calculation

The Transd factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

$$\text{Transd Factor} = \text{LISN VDF} + \text{Cable Loss}$$

The “**Over limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a over limit of -7 dB means the emission is 7 dB below the limit. The equation for over limit calculation is as follows:

$$\begin{aligned} \text{Over limit} &= \text{Level} - \text{Limit} \\ \text{Level} &= \text{Reading level} + \text{Transd Factor} \end{aligned}$$

Test Data

Environmental Conditions

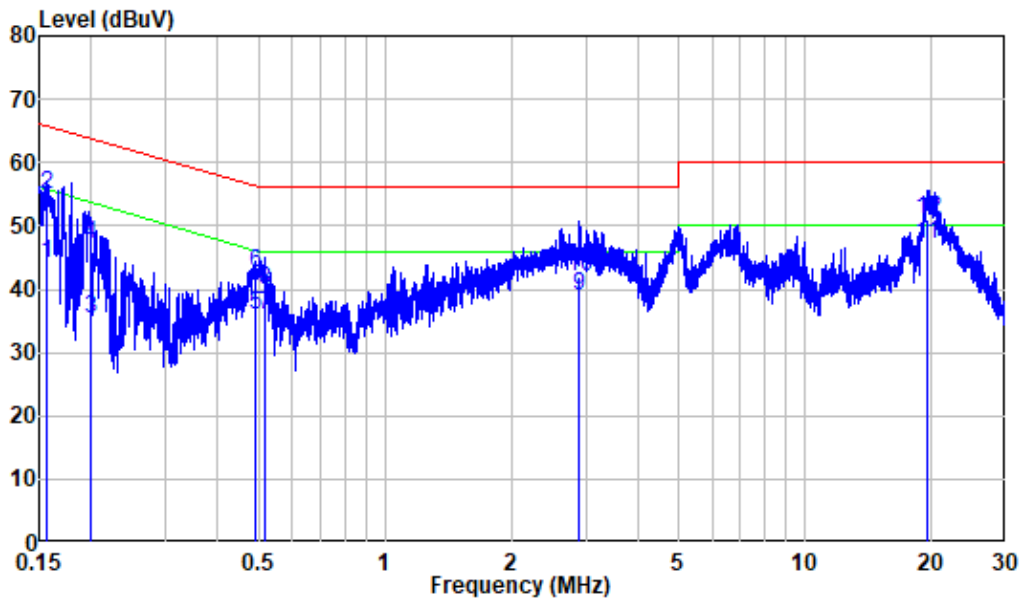
Temperature:	25 °C
Relative Humidity:	52 %
ATM Pressure:	101.0 kPa

The testing was performed by Jason Liu on 2022-08-08.

EUT operation mode: Transmitting (worst case is 802.11ax20, 5825MHz)

For FPC Antenna:

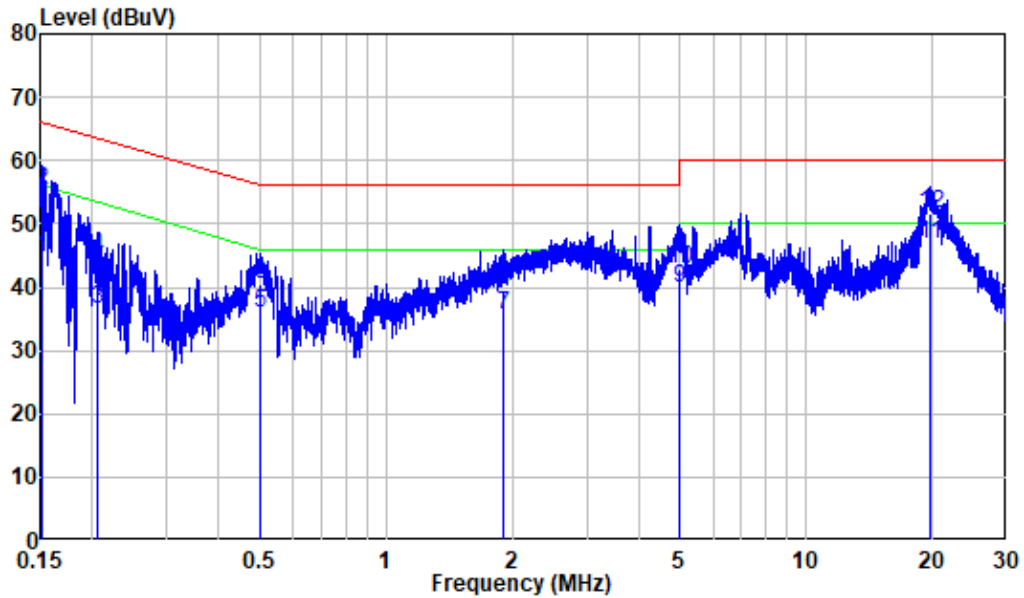
AC 120V/60 Hz, Line



Site : Shielding Room
 Condition: Line
 Mode : 5G Wifi
 Model : YL43752
 Power : AC 120V 60Hz

	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.156	9.80	34.40	44.20	55.68	-11.48	Average
2	0.156	9.80	45.11	54.91	65.68	-10.77	QP
3	0.200	9.80	25.41	35.21	53.61	-18.40	Average
4	0.200	9.80	37.14	46.94	63.61	-16.67	QP
5	0.492	9.80	26.08	35.88	46.14	-10.26	Average
6	0.492	9.80	32.88	42.68	56.14	-13.46	QP
7	0.516	9.81	26.23	36.04	46.00	-9.96	Average
8	0.516	9.81	30.03	39.84	56.00	-16.16	QP
9	2.900	9.83	29.06	38.89	46.00	-7.11	Average
10	2.900	9.83	32.13	41.96	56.00	-14.04	QP
11	19.441	9.99	37.00	46.99	50.00	-3.01	Average
12	19.441	9.99	41.13	51.12	60.00	-8.88	QP

AC 120V/60 Hz, Neutral

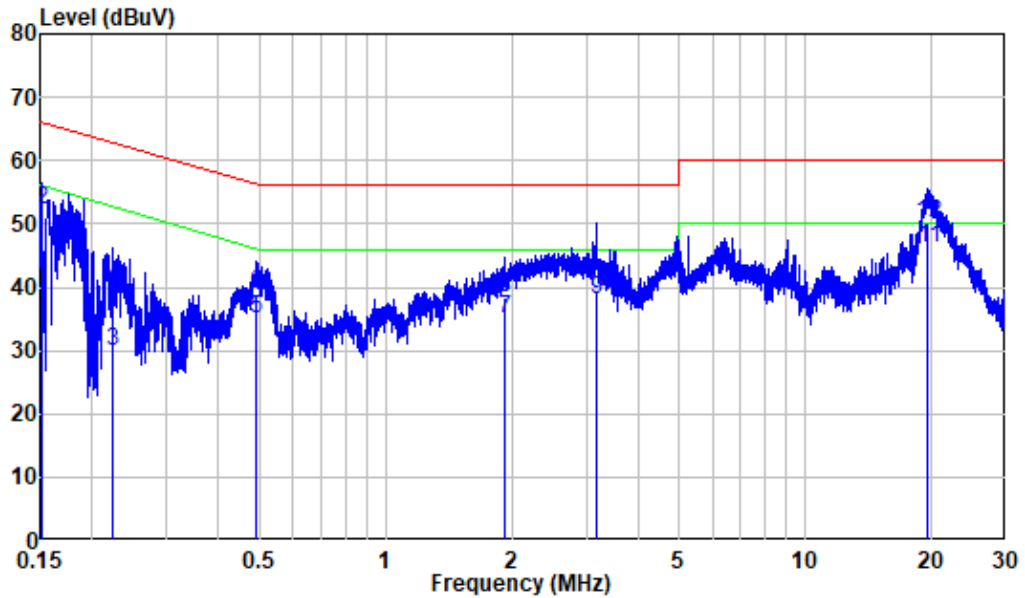


Site : Shielding Room
 Condition: Neutral
 Mode : 5G Wifi
 Model : YL43752
 Power : AC 120V 60Hz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.151	9.80	34.88	44.68	55.93	-11.25	Average
2	0.151	9.80	45.37	55.17	65.93	-10.76	QP
3	0.206	9.80	26.63	36.43	53.38	-16.95	Average
4	0.206	9.80	34.78	44.58	63.38	-18.80	QP
5	0.500	9.80	25.98	35.78	46.00	-10.22	Average
6	0.500	9.80	30.58	40.38	56.00	-15.62	QP
7	1.900	9.82	25.85	35.67	46.00	-10.33	Average
8	1.900	9.82	29.63	39.45	56.00	-16.55	QP
9	4.988	9.89	30.01	39.90	46.00	-6.10	Average
10	4.988	9.89	33.12	43.01	56.00	-12.99	QP
11	19.661	10.10	36.76	46.86	50.00	-3.14	Average
12	19.661	10.10	41.48	51.58	60.00	-8.42	QP

For iron Antenna:

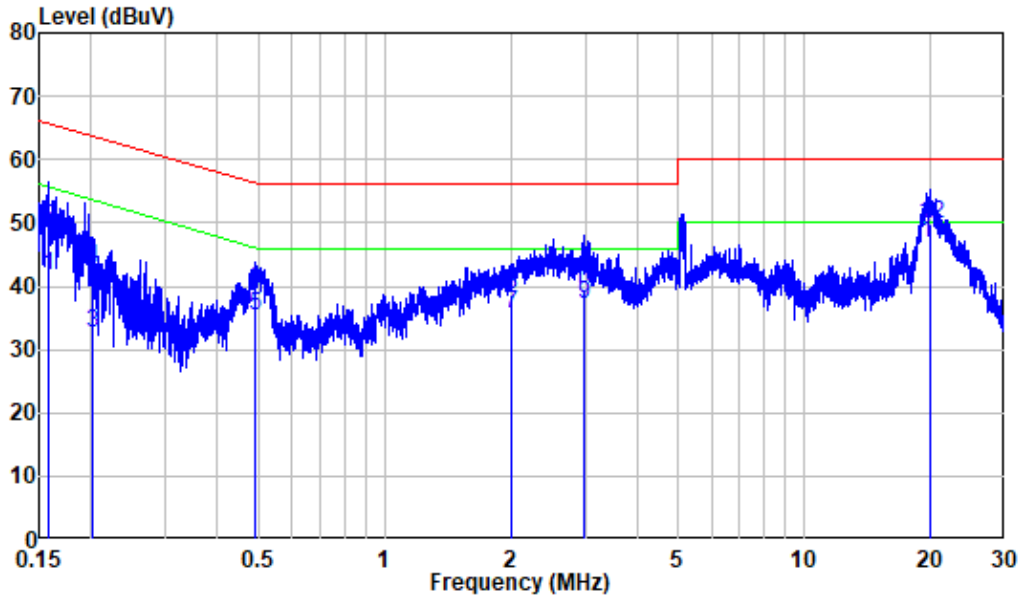
AC 120V/60 Hz, Line



Site : Shielding Room
 Condition: Line
 Mode : 5G Wifi
 Model : YL43752
 Power : AC 120V 60Hz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.151	9.80	30.31	40.11	55.94	-15.83	Average
2	0.151	9.80	42.50	52.30	65.94	-13.64	QP
3	0.223	9.80	19.95	29.75	52.71	-22.96	Average
4	0.223	9.80	30.01	39.81	62.71	-22.90	QP
5	0.491	9.80	25.27	35.07	46.14	-11.07	Average
6	0.491	9.80	29.20	39.00	56.14	-17.14	QP
7	1.913	9.82	25.19	35.01	46.00	-10.99	Average
8	1.913	9.82	28.58	38.40	56.00	-17.60	QP
9	3.167	9.83	28.06	37.89	46.00	-8.11	Average
10	3.167	9.83	29.28	39.11	56.00	-16.89	QP
11	19.545	10.00	36.11	46.11	50.00	-3.89	Average
12	19.545	10.00	40.09	50.09	60.00	-9.91	QP

AC 120V/60 Hz, Neutral

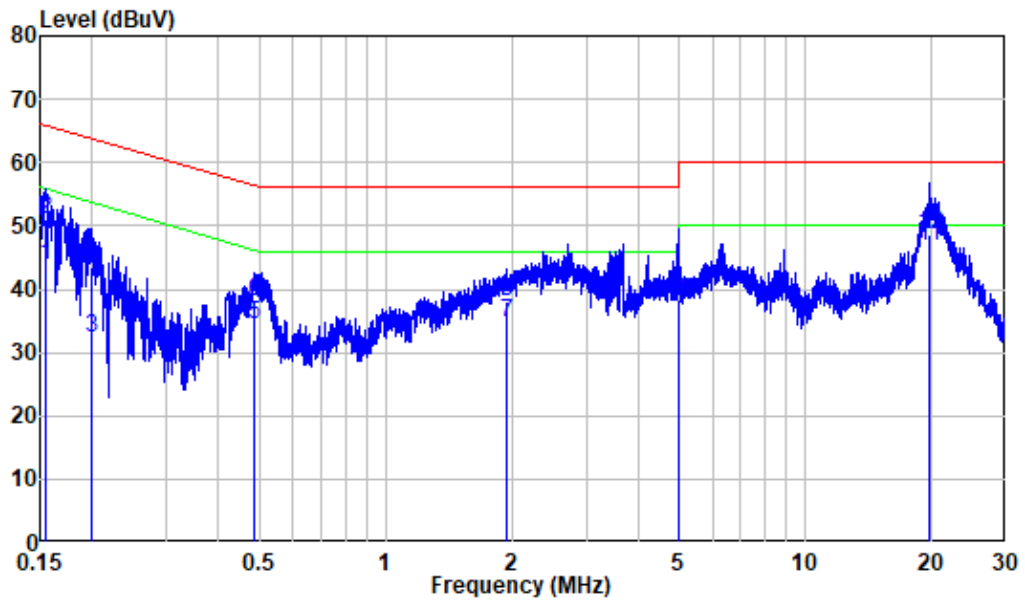


Site : Shielding Room
 Condition: Neutral
 Mode : 5G Wifi
 Model : YL43752
 Power : AC 120V 60Hz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.159	9.80	31.87	41.67	55.54	-13.87	Average
2	0.159	9.80	39.42	49.22	65.54	-16.32	QP
3	0.200	9.80	22.92	32.72	53.59	-20.87	Average
4	0.200	9.80	33.09	42.89	63.59	-20.70	QP
5	0.491	9.80	25.65	35.45	46.14	-10.69	Average
6	0.491	9.80	29.37	39.17	56.14	-16.97	QP
7	1.996	9.82	25.88	35.70	46.00	-10.30	Average
8	1.996	9.82	28.75	38.57	56.00	-17.43	QP
9	2.997	9.83	27.17	37.00	46.00	-9.00	Average
10	2.997	9.83	29.66	39.49	56.00	-16.51	QP
11	20.003	10.10	36.75	46.85	50.00	-3.15	Average
12	20.003	10.10	39.61	49.71	60.00	-10.29	QP

For PCB Antenna:

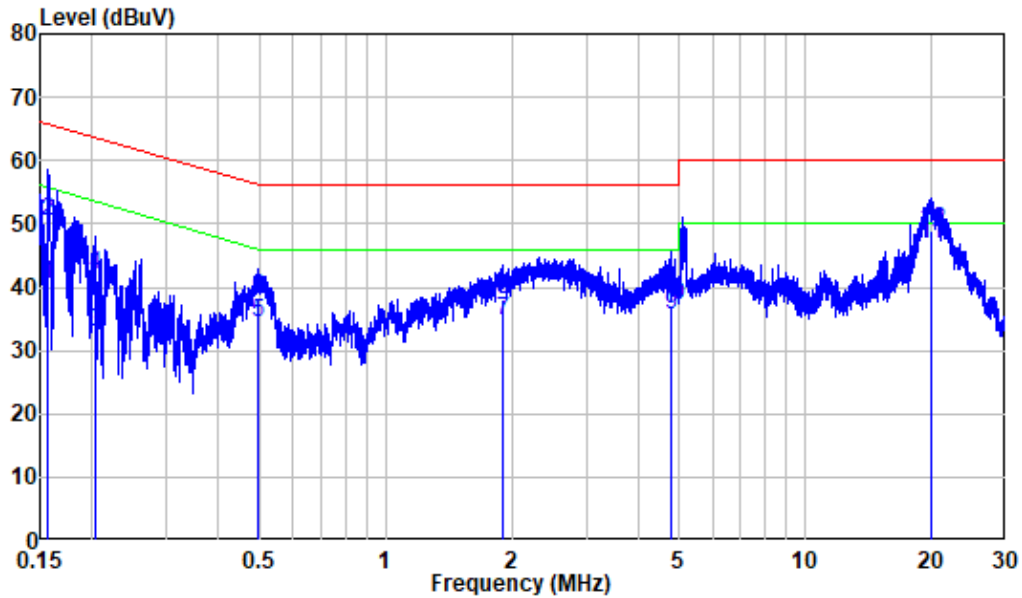
AC 120V/60 Hz, Line



Site : Shielding Room
 Condition: Line
 Mode : 5G Wifi
 Model : YL43752
 Power : AC 120V 60Hz

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.155	9.80	34.08	43.88	55.72	-11.84	Average
2	0.155	9.80	41.26	51.06	65.72	-14.66	QP
3	0.200	9.80	22.64	32.44	53.61	-21.17	Average
4	0.200	9.80	33.58	43.38	63.61	-20.23	QP
5	0.486	9.80	24.52	34.32	46.24	-11.92	Average
6	0.486	9.80	28.24	38.04	56.24	-18.20	QP
7	1.940	9.82	25.05	34.87	46.00	-11.13	Average
8	1.940	9.82	28.07	37.89	56.00	-18.11	QP
9	4.981	9.85	28.34	38.19	46.00	-7.81	Average
10	4.981	9.85	28.06	37.91	56.00	-18.09	QP
11	19.714	10.00	36.85	46.85	50.00	-3.15	Average
12	19.714	10.00	38.67	48.67	60.00	-11.33	QP

AC 120V/60 Hz, Neutral



Site : Shielding Room
 Condition: Neutral
 Mode : 5G Wifi
 Model : YL43752
 Power : AC 120V 60Hz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.157	9.80	30.53	40.33	55.64	-15.31	Average
2	0.157	9.80	40.58	50.38	65.64	-15.26	QP
3	0.203	9.80	22.97	32.77	53.50	-20.73	Average
4	0.203	9.80	32.26	42.06	63.50	-21.44	QP
5	0.498	9.80	24.68	34.48	46.03	-11.55	Average
6	0.498	9.80	28.54	38.34	56.03	-17.69	QP
7	1.903	9.82	24.87	34.69	46.00	-11.31	Average
8	1.903	9.82	28.26	38.08	56.00	-17.92	QP
9	4.800	9.88	25.88	35.76	46.00	-10.24	Average
10	4.800	9.88	27.13	37.01	56.00	-18.99	QP
11	19.950	10.10	36.76	46.86	50.00	-3.14	Average
12	19.950	10.10	38.66	48.76	60.00	-11.24	QP

§15.205 & §15.209 & §15.407(B)– UNDESIRABLE EMISSION

Applicable Standard

FCC §15.407 (b); §15.209; §15.205;

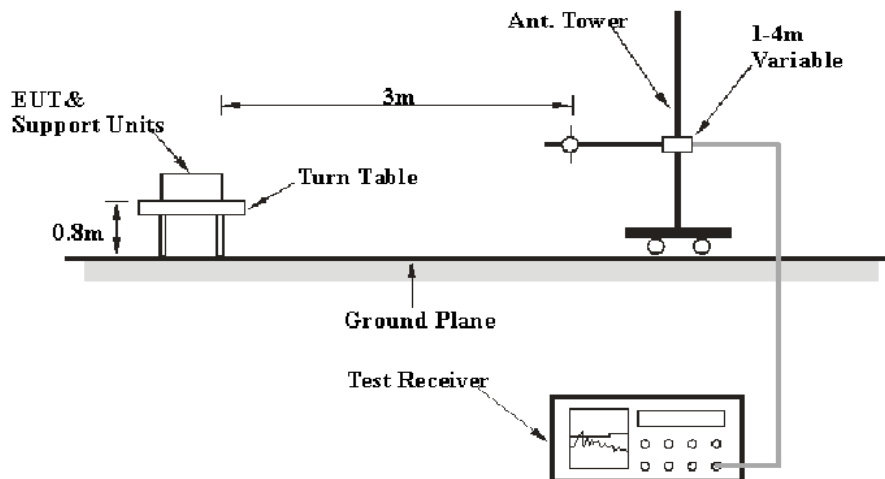
(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

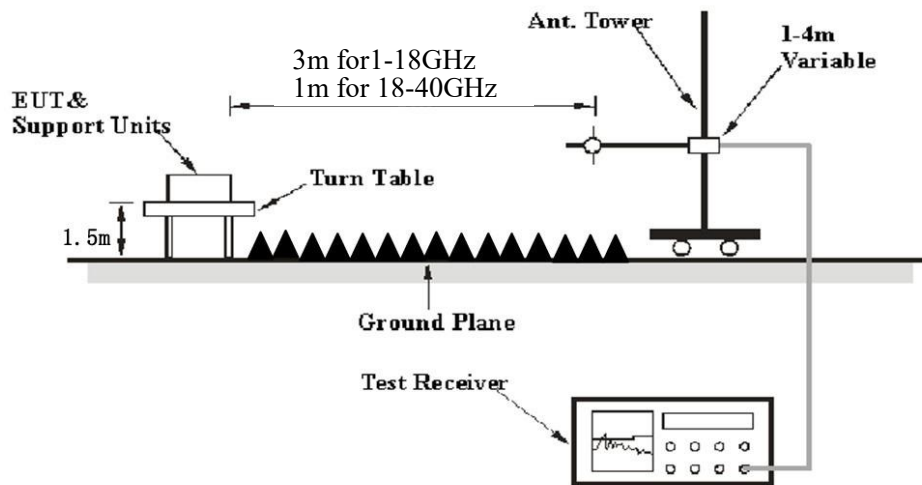
- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.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

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

Below 1 GHz:



Above 1 GHz:

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC 15.209 and FCC 15.407 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

EMI Test Receiver & Spectrum Analyzer Setup

The EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	100 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	PK
	1MHz	10 Hz ^{Note 1}	/	Average
	1MHz	> 1/T ^{Note 2}	/	Average

Note 1: when duty cycle is no less than 98%

Note 2: when duty cycle is less than 98%

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

All final data was recorded in Quasi-peak detection mode for frequency range of 30 MHz -1 GHz and peak and Average detection modes for frequencies above 1 GHz.

According to ANSI C63.10-2013,9.4: For field strength measurements made at other than the distance at which the applicable limit is specified, extrapolate the measured field strength to the field strength at the distance specified by the limit using an inverse distance correction factor (20 dB/decade of distance). In some cases, a different distance correction factor may be required;

$$E_{\text{SpecLimit}} = E_{\text{Meas}} + 20 \log \left(\frac{d_{\text{Meas}}}{d_{\text{SpecLimit}}} \right)$$

where

$E_{\text{SpecLimit}}$	is the field strength of the emission at the distance specified by the limit, in dB μ V/m
E_{Meas}	is the field strength of the emission at the measurement distance, in dB μ V/m
d_{Meas}	is the measurement distance, in m
$d_{\text{SpecLimit}}$	is the distance specified by the limit, in m

So the extrapolation factor of 1m is $20 * \log(1/3) = -9.5$ dB, for 18-40GHz range, the limit of 1m distance was added by 9.5dB from limit of 3m to compared with the result measurement at 1m distance.

Factor & Margin Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Over Limit/Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

$$\begin{aligned} \text{Over Limit/Margin} &= \text{Level} / \text{Corrected Amplitude} - \text{Limit} \\ \text{Level} / \text{Corrected Amplitude} &= \text{Read Level} + \text{Factor} \end{aligned}$$

Test Data

Environmental Conditions

Temperature:	26.8~27.3°C
Relative Humidity:	52~58%
ATM Pressure:	101.0 kPa

The testing was performed by Level Li on 2022-08-08 for below 1GHz, Level Li on 2022-07-03 and Jeff Jiang on 2022-06-14 and 2022-09-21 for above 1GHz.

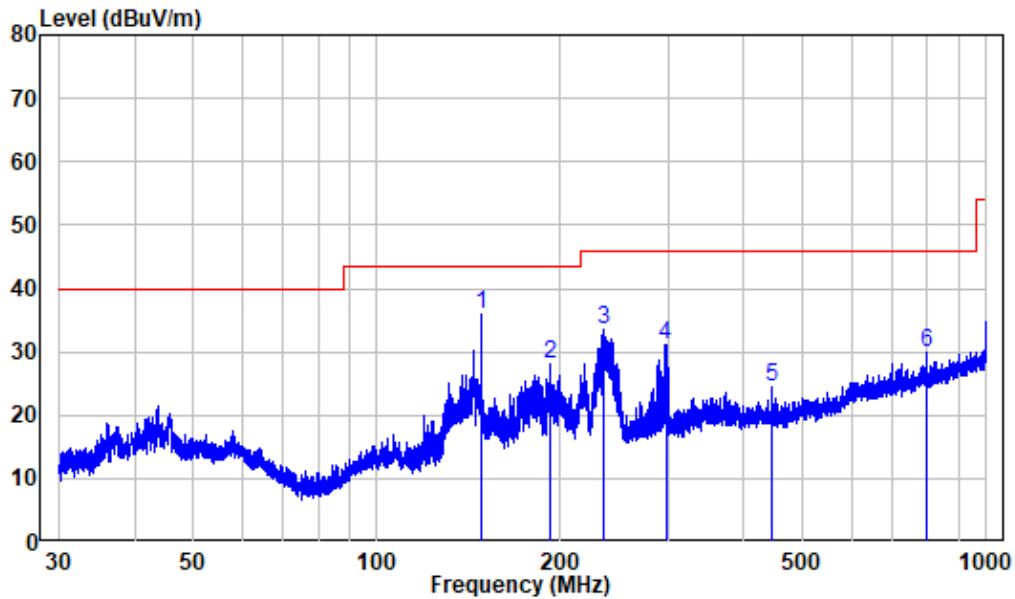
EUT operation mode: Transmitting(Pre-scan in the X, Y and Z axes of orientation, the worst case X-axis of orientation was recorded)

For FPC Antenna:

30 MHz – 1 GHz: (worst case is 802.11ax20, 5825MHz)

Note: When the test result of Peak was less than the limit of QP more than 6dB, just the peak level was recorded

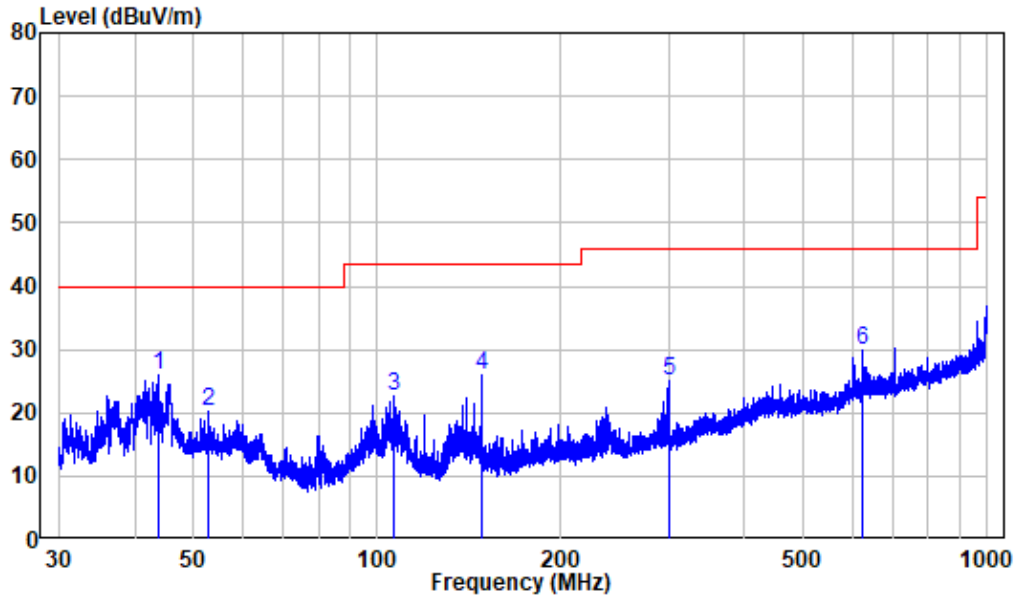
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZNS220511-19727E-RF
 Test Mode: 5G WIFI

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	148.506	-15.35	51.14	35.79	43.50	-7.71	Peak
2	191.997	-11.25	39.29	28.04	43.50	-15.46	Peak
3	235.816	-10.95	44.45	33.50	46.00	-12.50	Peak
4	297.746	-9.25	40.36	31.11	46.00	-14.89	Peak
5	445.632	-5.63	30.14	24.51	46.00	-21.49	Peak
6	796.881	-0.28	30.11	29.83	46.00	-16.17	Peak

Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZNS220511-19727E-RF
 Test Mode: 5G WIFI

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.774	-9.91	35.84	25.93	40.00	-14.07	Peak
2	52.899	-10.15	30.36	20.21	40.00	-19.79	Peak
3	106.712	-11.95	34.69	22.74	43.50	-20.76	Peak
4	148.506	-15.35	41.34	25.99	43.50	-17.51	Peak
5	299.973	-9.23	34.33	25.10	46.00	-20.90	Peak
6	625.901	-2.30	32.33	30.03	46.00	-15.97	Peak

5150-5250 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5180 MHz									
4500	62.92	PK	51	1.9	H	-4.72	58.2	74	-15.8
4500	50.28	AV	51	1.9	H	-4.72	45.56	54	-8.44
4500	62.83	PK	1	2.4	V	-4.72	58.11	74	-15.89
4500	50.19	AV	1	2.4	V	-4.72	45.47	54	-8.53
5150	64.17	PK	114	1.1	H	-2.73	61.44	74	-12.56
5150	50.68	AV	114	1.1	H	-2.73	47.95	54	-6.05
5150	64.06	PK	324	1.2	V	-2.73	61.33	74	-12.67
5150	50.61	AV	324	1.2	V	-2.73	47.88	54	-6.12
10360	42.19	PK	47	1.9	H	8.12	50.31	68.2	-17.89
10360	41.92	PK	346	1.2	V	8.12	50.04	68.2	-18.16
5200 MHz									
10400	42.32	PK	288	1	H	8.24	50.56	68.2	-17.64
10400	42.16	PK	62	1.4	V	8.24	50.4	68.2	-17.8
5240 MHz									
5350	64.93	PK	353	2.2	H	-2.33	62.6	74	-11.4
5350	51.14	AV	353	2.2	H	-2.33	48.81	54	-5.19
5350	64.79	PK	27	1.2	V	-2.33	62.46	74	-11.54
5350	51.05	AV	27	1.2	V	-2.33	48.72	54	-5.28
5460	63.58	PK	122	1.8	H	-2.26	61.32	74	-12.68
5460	51.07	AV	122	1.8	H	-2.26	48.81	54	-5.19
5460	63.49	PK	333	1.5	V	-2.26	61.23	74	-12.77
5460	50.98	AV	333	1.5	V	-2.26	48.72	54	-5.28
10480	42.08	PK	80	1	H	8.56	50.64	68.2	-17.56
10480	41.8	PK	288	2.4	V	8.56	50.36	68.2	-17.84

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5180 MHz									
4500	63.01	PK	68	2.3	H	-4.72	58.29	74	-15.71
4500	50.27	AV	68	2.3	H	-4.72	45.55	54	-8.45
4500	62.92	PK	250	1.1	V	-4.72	58.2	74	-15.8
4500	49.86	AV	250	1.1	V	-4.72	45.14	54	-8.86
5150	64.41	PK	136	1.5	H	-2.73	61.68	74	-12.32
5150	50.65	AV	136	1.5	H	-2.73	47.92	54	-6.08
5150	64.32	PK	28	1.6	V	-2.73	61.59	74	-12.41
5150	50.57	AV	28	1.6	V	-2.73	47.84	54	-6.16
10360	42.36	PK	155	2.2	H	8.12	50.48	68.2	-17.72
10360	42.15	PK	312	1.6	V	8.12	50.27	68.2	-17.93
5200 MHz									
10400	42.47	PK	304	1.4	H	8.24	50.71	68.2	-17.49
10400	42.26	PK	225	1.4	V	8.24	50.5	68.2	-17.7
5240 MHz									
5350	64.79	PK	79	2	H	-2.33	62.46	74	-11.54
5350	51.13	AV	79	2	H	-2.33	48.8	54	-5.2
5350	64.7	PK	34	2.2	V	-2.33	62.37	74	-11.63
5350	51.04	AV	34	2.2	V	-2.33	48.71	54	-5.29
5460	63.52	PK	200	2	H	-2.26	61.26	74	-12.74
5460	51.06	AV	200	2	H	-2.26	48.8	54	-5.2
5460	63.41	PK	80	1.2	V	-2.26	61.15	74	-12.85
5460	50.97	AV	80	1.2	V	-2.26	48.71	54	-5.29
10480	42.21	PK	265	1.9	H	8.56	50.77	68.2	-17.43
10480	41.97	PK	8	2.1	V	8.56	50.53	68.2	-17.67

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5190 MHz									
4500	63.05	PK	213	2.3	H	-4.72	58.33	74	-15.67
4500	50.72	AV	213	2.3	H	-4.72	46	54	-8
4500	62.94	PK	359	2	V	-4.72	58.22	74	-15.78
4500	51.63	AV	359	2	V	-4.72	46.91	54	-7.09
5150	64.57	PK	191	2.5	H	-2.73	61.84	74	-12.16
5150	51.34	AV	191	2.5	H	-2.73	48.61	54	-5.39
5150	64.48	PK	14	2	V	-2.73	61.75	74	-12.25
5150	51.25	AV	14	2	V	-2.73	48.52	54	-5.48
10380	42.29	PK	44	1.2	H	8.18	50.47	68.2	-17.73
10380	42.06	PK	320	1.1	V	8.18	50.24	68.2	-17.96
5230 MHz									
5350	64.81	PK	286	2.2	H	-2.33	62.48	74	-11.52
5350	51.64	AV	286	2.2	H	-2.33	49.31	54	-4.69
5350	64.7	PK	258	2.3	V	-2.33	62.37	74	-11.63
5350	51.55	AV	258	2.3	V	-2.33	49.22	54	-4.78
5460	63.7	PK	204	2.4	H	-2.26	61.44	74	-12.56
5460	51.56	AV	204	2.4	H	-2.26	49.3	54	-4.7
5460	63.61	PK	90	1.1	V	-2.26	61.35	74	-12.65
5460	51.47	AV	90	1.1	V	-2.26	49.21	54	-4.79
10460	42.05	PK	358	1.9	H	8.47	50.52	68.2	-17.68
10460	41.82	PK	336	1.9	V	8.47	50.29	68.2	-17.91

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11ac20									
5180 MHz									
4500	63.1	PK	299	2	H	-4.72	58.38	74	-15.62
4500	50.34	AV	299	2	H	-4.72	45.62	54	-8.38
4500	63.01	PK	216	2.4	V	-4.72	58.29	74	-15.71
4500	50.25	AV	216	2.4	V	-4.72	45.53	54	-8.47
5150	64.49	PK	197	2.2	H	-2.73	61.76	74	-12.24
5150	50.74	AV	197	2.2	H	-2.73	48.01	54	-5.99
5150	64.38	PK	316	1.1	V	-2.73	61.65	74	-12.35
5150	50.65	AV	316	1.1	V	-2.73	47.92	54	-6.08
10360	42.25	PK	141	1.6	H	8.12	50.37	68.2	-17.83
10360	42.04	PK	145	2.5	V	8.12	50.16	68.2	-18.04
5200 MHz									
10400	42.44	PK	212	2.2	H	8.24	50.68	68.2	-17.52
10400	42.17	PK	233	2	V	8.24	50.41	68.2	-17.79
5240 MHz									
5350	64.9	PK	286	1.9	H	-2.33	62.57	74	-11.43
5350	51.17	AV	286	1.9	H	-2.33	48.84	54	-5.16
5350	64.79	PK	98	2.3	V	-2.33	62.46	74	-11.54
5350	51.08	AV	98	2.3	V	-2.33	48.75	54	-5.25
5460	63.47	PK	202	1.4	H	-2.26	61.21	74	-12.79
5460	51.12	AV	202	1.4	H	-2.26	48.86	54	-5.14
5460	63.36	PK	183	1.6	V	-2.26	61.1	74	-12.9
5460	51.04	AV	183	1.6	V	-2.26	48.78	54	-5.22
10480	42.13	PK	199	1.9	H	8.56	50.69	68.2	-17.51
10480	41.92	PK	317	1	V	8.56	50.48	68.2	-17.72

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5190 MHz									
4500	63.08	PK	231	2.2	H	-4.72	58.36	74	-15.64
4500	50.77	AV	231	2.2	H	-4.72	46.05	54	-7.95
4500	62.99	PK	182	1.9	V	-4.72	58.27	74	-15.73
4500	50.68	AV	182	1.9	V	-4.72	45.96	54	-8.04
5150	64.62	PK	80	1	H	-2.73	61.89	74	-12.11
5150	51.46	AV	80	1	H	-2.73	48.73	54	-5.27
5150	64.5	PK	259	1.3	V	-2.73	61.77	74	-12.23
5150	51.35	AV	259	1.3	V	-2.73	48.62	54	-5.38
10380	42.38	PK	13	2.2	H	8.18	50.56	68.2	-17.64
10380	42.15	PK	296	2.1	V	8.18	50.33	68.2	-17.87
5230 MHz									
5350	64.95	PK	197	1.6	H	-2.33	62.62	74	-11.38
5350	51.76	AV	197	1.6	H	-2.33	49.43	54	-4.57
5350	64.83	PK	212	2.3	V	-2.33	62.5	74	-11.5
5350	51.67	AV	212	2.3	V	-2.33	49.34	54	-4.66
5460	63.79	PK	58	1.6	H	-2.26	61.53	74	-12.47
5460	51.65	AV	58	1.6	H	-2.26	49.39	54	-4.61
5460	63.7	PK	6	1.1	V	-2.26	61.44	74	-12.56
5460	51.56	AV	6	1.1	V	-2.26	49.3	54	-4.7
10460	42.11	PK	40	2.3	H	8.47	50.58	68.2	-17.62
10460	41.93	PK	172	1.4	V	8.47	50.4	68.2	-17.8

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5210MHz									
4500	63.41	PK	198	1.1	H	-4.72	58.69	74	-15.31
4500	50.97	AV	198	1.1	H	-4.72	46.25	54	-7.75
4500	63.3	PK	33	1.1	V	-4.72	58.58	74	-15.42
4500	50.86	AV	33	1.1	V	-4.72	46.14	54	-7.86
5150	65.05	PK	26	1.3	H	-2.73	62.32	74	-11.68
5150	52.5	AV	26	1.3	H	-2.73	49.77	54	-4.23
5150	64.89	PK	135	1.1	V	-2.73	62.16	74	-11.84
5150	52.32	AV	135	1.1	V	-2.73	49.59	54	-4.41
5350	65.05	PK	52	1.7	H	-2.33	62.72	74	-11.28
5350	52.2	AV	52	1.7	H	-2.33	49.87	54	-4.13
5350	64.91	PK	251	1.8	V	-2.33	62.58	74	-11.42
5350	52.09	AV	251	1.8	V	-2.33	49.76	54	-4.24
5460	63.82	PK	222	1.2	H	-2.26	61.56	74	-12.44
5460	51.88	AV	222	1.2	H	-2.26	49.62	54	-4.38
5460	63.71	PK	231	1.7	V	-2.26	61.45	74	-12.55
5460	51.77	AV	231	1.7	V	-2.26	49.51	54	-4.49
10420	41.82	PK	305	2.3	H	8.32	50.14	68.2	-18.06
10420	41.25	PK	121	2.1	V	8.32	49.57	68.2	-18.63

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11Ax20									
5180 MHz									
4500	63.24	PK	283	1.3	H	-4.72	58.52	74	-15.48
4500	50.33	AV	283	1.3	H	-4.72	45.61	54	-8.39
4500	63.11	PK	101	1.6	V	-4.72	58.39	74	-15.61
4500	50.25	AV	101	1.6	V	-4.72	45.53	54	-8.47
5150	67.94	PK	337	1.2	H	-2.73	65.21	74	-8.79
5150	51.37	AV	337	1.2	H	-2.73	48.64	54	-5.36
5150	66.49	PK	45	1.4	V	-2.73	63.76	74	-10.24
5150	51.25	AV	45	1.4	V	-2.73	48.52	54	-5.48
10360	42.58	PK	328	2.2	H	8.12	50.7	68.2	-17.5
10360	42.34	PK	309	1.9	V	8.12	50.46	68.2	-17.74
5200 MHz									
10400	42.74	PK	309	1.4	H	8.24	50.98	68.2	-17.22
10400	42.51	PK	110	1.6	V	8.24	50.75	68.2	-17.45
5240 MHz									
5350	65.16	PK	358	1.9	H	-2.33	62.83	74	-11.17
5350	51.17	AV	358	1.9	H	-2.33	48.84	54	-5.16
5350	64.93	PK	127	1.1	V	-2.33	62.6	74	-11.4
5350	51.08	AV	127	1.1	V	-2.33	48.75	54	-5.25
5460	63.56	PK	322	1.4	H	-2.26	61.3	74	-12.7
5460	51.01	AV	322	1.4	H	-2.26	48.75	54	-5.25
5460	63.45	PK	312	1.4	V	-2.26	61.19	74	-12.81
5460	50.92	AV	312	1.4	V	-2.26	48.66	54	-5.34
10480	42.44	PK	311	2.2	H	8.56	51	68.2	-17.2
10480	42.1	PK	3	1.8	V	8.56	50.66	68.2	-17.54

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11Ax40									
5190 MHz									
4500	63.42	PK	185	2.3	H	-4.72	58.7	74	-15.3
4500	50.87	AV	185	2.3	H	-4.72	46.15	54	-7.85
4500	63.31	PK	175	2.2	V	-4.72	58.59	74	-15.41
4500	50.73	AV	175	2.2	V	-4.72	46.01	54	-7.99
5150	68.95	PK	107	1.3	H	-2.73	66.22	74	-7.78
5150	53.78	AV	107	1.3	H	-2.73	51.05	54	-2.95
5150	68.39	PK	24	2.1	V	-2.73	65.66	74	-8.34
5150	53.66	AV	24	2.1	V	-2.73	50.93	54	-3.07
10380	42.43	PK	33	1.1	H	8.18	50.61	68.2	-17.59
10380	42.26	PK	185	1.5	V	8.18	50.44	68.2	-17.76
5230 MHz									
5350	65.36	PK	156	1.1	H	-2.33	63.03	74	-10.97
5350	51.57	AV	156	1.1	H	-2.33	49.24	54	-4.76
5350	65.13	PK	358	2.1	V	-2.33	62.8	74	-11.2
5350	51.45	AV	358	2.1	V	-2.33	49.12	54	-4.88
5460	63.52	PK	349	2.2	H	-2.26	61.26	74	-12.74
5460	51.45	AV	349	2.2	H	-2.26	49.19	54	-4.81
5460	63.4	PK	107	2	V	-2.26	61.14	74	-12.86
5460	51.36	AV	107	2	V	-2.26	49.1	54	-4.9
10460	42.05	PK	351	1.8	H	8.47	50.52	68.2	-17.68
10460	41.86	PK	139	1.9	V	8.47	50.33	68.2	-17.87

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11Ax80									
5210 MHz									
4500	63.31	PK	194	2.5	H	-4.72	58.59	74	-15.41
4500	51.05	AV	194	2.5	H	-4.72	46.33	54	-7.67
4500	63.2	PK	234	2.4	V	-4.72	58.48	74	-15.52
4500	50.93	AV	234	2.4	V	-4.72	46.21	54	-7.79
5150	68.35	PK	309	2.1	H	-2.73	65.62	74	-8.38
5150	55.17	AV	309	2.1	H	-2.73	52.44	54	-1.56
5150	67.31	PK	286	2.2	V	-2.73	64.58	74	-9.42
5150	54.56	AV	286	2.2	V	-2.73	51.83	54	-2.17
5350	65.44	PK	338	2	H	-2.33	63.11	74	-10.89
5350	52.07	AV	338	2	H	-2.33	49.74	54	-4.26
5350	65.26	PK	342	2.3	V	-2.33	62.93	74	-11.07
5350	51.98	AV	342	2.3	V	-2.33	49.65	54	-4.35
5460	63.81	PK	143	2.1	H	-2.26	61.55	74	-12.45
5460	51.84	AV	143	2.1	H	-2.26	49.58	54	-4.42
5460	63.7	PK	278	2.3	V	-2.26	61.44	74	-12.56
5460	51.73	AV	278	2.3	V	-2.26	49.47	54	-4.53
10420	42.75	PK	244	1.6	H	8.32	51.07	68.2	-17.13
10420	42.54	PK	210	2.1	V	8.32	50.86	68.2	-17.34

5250-5350 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5260MHz									
4500	63.17	PK	321	1.5	H	-4.72	58.45	74	-15.55
4500	50.44	AV	321	1.5	H	-4.72	45.72	54	-8.28
4500	63.08	PK	91	1	V	-4.72	58.36	74	-15.64
4500	50.35	AV	91	1	V	-4.72	45.63	54	-8.37
5150	64.47	PK	257	1.7	H	-2.73	61.74	74	-12.26
5150	50.68	AV	257	1.7	H	-2.73	47.95	54	-6.05
5150	64.36	PK	357	2.2	V	-2.73	61.63	74	-12.37
5150	50.59	AV	357	2.2	V	-2.73	47.86	54	-6.14
10520	41.97	PK	346	1.3	H	8.65	50.62	68.2	-17.58
10520	42.22	PK	115	1.8	V	8.65	50.87	68.2	-17.33
5280 MHz									
10560	42.75	PK	74	1	H	8.69	51.44	68.2	-16.76
10560	42.97	PK	353	1.1	V	8.69	51.66	68.2	-16.54
5320 MHz									
5350	71.6	PK	35	2.2	H	-2.33	69.27	74	-4.73
5350	52.19	AV	35	2.2	H	-2.33	49.86	54	-4.14
5350	68.15	PK	37	2.4	V	-2.33	65.82	74	-8.18
5350	51.81	AV	37	2.4	V	-2.33	49.48	54	-4.52
5460	63.77	PK	256	1.9	H	-2.26	61.51	74	-12.49
5460	51.18	AV	256	1.9	H	-2.26	48.92	54	-5.08
5460	63.65	PK	345	1.6	V	-2.26	61.39	74	-12.61
5460	51.09	AV	345	1.6	V	-2.26	48.83	54	-5.17
10640	42.75	PK	199	1.2	H	8.92	51.67	74	-22.33
10640	42.98	PK	302	2	V	8.92	51.9	74	-22.1

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5260MHz									
4500	63.25	PK	158	1.3	H	-4.72	58.53	74	-15.47
4500	50.33	AV	158	1.3	H	-4.72	45.61	54	-8.39
4500	63.14	PK	306	1.4	V	-4.72	58.42	74	-15.58
4500	50.21	AV	306	1.4	V	-4.72	45.49	54	-8.51
5150	64.45	PK	232	1.4	H	-2.73	61.72	74	-12.28
5150	50.56	AV	232	1.4	H	-2.73	47.83	54	-6.17
5150	64.34	PK	223	2	V	-2.73	61.61	74	-12.39
5150	50.47	AV	223	2	V	-2.73	47.74	54	-6.26
10520	42.89	PK	4	2.3	H	8.65	51.54	68.2	-16.66
10520	42.14	PK	338	2	V	8.65	50.79	68.2	-17.41
5280 MHz									
10560	42.68	PK	215	2.3	H	8.69	51.37	68.2	-16.83
10560	42.93	PK	138	1	V	8.69	51.62	68.2	-16.58
5320 MHz									
5350	68.17	PK	267	1.9	H	-2.33	65.84	74	-8.16
5350	51.55	AV	267	1.9	H	-2.33	49.22	54	-4.78
5350	66.7	PK	99	2	V	-2.33	64.37	74	-9.63
5350	51.43	AV	99	2	V	-2.33	49.1	54	-4.9
5460	63.85	PK	149	1.9	H	-2.26	61.59	74	-12.41
5460	51.27	AV	149	1.9	H	-2.26	49.01	54	-4.99
5460	63.72	PK	221	2.4	V	-2.26	61.46	74	-12.54
5460	51.18	AV	221	2.4	V	-2.26	48.92	54	-5.08
10640	42.78	PK	68	2.4	H	8.92	51.7	74	-22.3
10640	42.95	PK	139	1.2	V	8.92	51.87	74	-22.13

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5270 MHz									
4500	63.1	PK	58	1.9	H	-4.72	58.38	74	-15.62
4500	51.69	AV	58	1.9	H	-4.72	46.97	54	-7.03
4500	62.98	PK	120	1.1	V	-4.72	58.26	74	-15.74
4500	51.61	AV	120	1.1	V	-4.72	46.89	54	-7.11
5150	64.42	PK	81	1.4	H	-2.73	61.69	74	-12.31
5150	51.08	AV	81	1.4	H	-2.73	48.35	54	-5.65
5150	64.31	PK	121	1.5	V	-2.73	61.58	74	-12.42
5150	50.97	AV	121	1.5	V	-2.73	48.24	54	-5.76
10540	41.94	PK	286	2.4	H	8.65	50.59	68.2	-17.61
10540	42.27	PK	254	2.4	V	8.65	50.92	68.2	-17.28
5310 MHz									
5350	66.69	PK	331	2	H	-2.33	64.36	74	-9.64
5350	51.73	AV	331	2	H	-2.33	49.4	54	-4.6
5350	65.78	PK	167	2.4	V	-2.33	63.45	74	-10.55
5350	51.64	AV	167	2.4	V	-2.33	49.31	54	-4.69
5460	63.97	PK	277	1.4	H	-2.26	61.71	74	-12.29
5460	51.55	AV	277	1.4	H	-2.26	49.29	54	-4.71
5460	63.82	PK	61	1.6	V	-2.26	61.56	74	-12.44
5460	51.46	AV	61	1.6	V	-2.26	49.2	54	-4.8
10620	42.71	PK	260	1.3	H	8.89	51.6	74	-22.4
10620	43.07	PK	69	2.5	V	8.89	51.96	74	-22.04

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC20									
5260 MHz									
4500	63.31	PK	93	2.1	H	-4.72	58.59	74	-15.41
4500	50.4	AV	93	2.1	H	-4.72	45.68	54	-8.32
4500	63.19	PK	235	1.2	V	-4.72	58.47	74	-15.53
4500	50.28	AV	235	1.2	V	-4.72	45.56	54	-8.44
5150	64.54	PK	25	2	H	-2.73	61.81	74	-12.19
5150	50.69	AV	25	2	H	-2.73	47.96	54	-6.04
5150	64.45	PK	303	1.6	V	-2.73	61.72	74	-12.28
5150	50.6	AV	303	1.6	V	-2.73	47.87	54	-6.13
10520	41.78	PK	307	2	H	8.65	50.43	68.2	-17.77
10520	42	PK	154	2	V	8.65	50.65	68.2	-17.55
5280 MHz									
10560	42.55	PK	301	2.4	H	8.69	51.24	68.2	-16.96
10560	42.8	PK	358	1.1	V	8.69	51.49	68.2	-16.71
5320 MHz									
5350	67.2	PK	35	1.3	H	-2.33	64.87	74	-9.13
5350	51.21	AV	35	1.3	H	-2.33	48.88	54	-5.12
5350	66.09	PK	161	1.2	V	-2.33	63.76	74	-10.24
5350	51.1	AV	161	1.2	V	-2.33	48.77	54	-5.23
5460	63.49	PK	40	1.4	H	-2.26	61.23	74	-12.77
5460	51.14	AV	40	1.4	H	-2.26	48.88	54	-5.12
5460	63.37	PK	201	1.9	V	-2.26	61.11	74	-12.89
5460	51.05	AV	201	1.9	V	-2.26	48.79	54	-5.21
10640	42.55	PK	80	1.2	H	8.92	51.47	74	-22.53
10640	42.84	PK	340	1	V	8.92	51.76	74	-22.24

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5270 MHz									
4500	63.18	PK	354	1.6	H	-4.72	58.46	74	-15.54
4500	51.73	AV	354	1.6	H	-4.72	47.01	54	-6.99
4500	63.07	PK	83	2.2	V	-4.72	58.35	74	-15.65
4500	51.64	AV	83	2.2	V	-4.72	46.92	54	-7.08
5150	64.49	PK	129	1.6	H	-2.73	61.76	74	-12.24
5150	51.18	AV	129	1.6	H	-2.73	48.45	54	-5.55
5150	64.37	PK	235	2.5	V	-2.73	61.64	74	-12.36
5150	51.06	AV	235	2.5	V	-2.73	48.33	54	-5.67
10540	41.85	PK	127	1.7	H	8.65	50.5	68.2	-17.7
10540	42.03	PK	228	2.1	V	8.65	50.68	68.2	-17.52
5310 MHz									
5350	66.57	PK	223	1.3	H	-2.33	64.24	74	-9.76
5350	51.83	AV	223	1.3	H	-2.33	49.5	54	-4.5
5350	65.7	PK	221	2	V	-2.33	63.37	74	-10.63
5350	51.72	AV	221	2	V	-2.33	49.39	54	-4.61
5460	63.72	PK	199	2.1	H	-2.26	61.46	74	-12.54
5460	51.49	AV	199	2.1	H	-2.26	49.23	54	-4.77
5460	63.61	PK	356	1.5	V	-2.26	61.35	74	-12.65
5460	51.4	AV	356	1.5	V	-2.26	49.14	54	-4.86
10620	42.56	PK	138	2	H	8.89	51.45	74	-22.55
10620	42.77	PK	40	1.5	V	8.89	51.66	74	-22.34

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5290 MHz									
4500	63.25	PK	319	1.5	H	-4.72	58.53	74	-15.47
4500	51.01	AV	319	1.5	H	-4.72	46.29	54	-7.71
4500	63.14	PK	10	2.4	V	-4.72	58.42	74	-15.58
4500	50.92	AV	10	2.4	V	-4.72	46.2	54	-7.8
5150	64.38	PK	177	2.3	H	-2.73	61.65	74	-12.35
5150	51.47	AV	177	2.3	H	-2.73	48.74	54	-5.26
5150	64.29	PK	358	1.2	V	-2.73	61.56	74	-12.44
5150	51.36	AV	358	1.2	V	-2.73	48.63	54	-5.37
5350	66.21	PK	87	2.4	H	-2.33	63.88	74	-10.12
5350	52.49	AV	87	2.4	H	-2.33	50.16	54	-3.84
5350	65.37	PK	330	1.2	V	-2.33	63.04	74	-10.96
5350	52.28	AV	330	1.2	V	-2.33	49.95	54	-4.05
5460	64.26	PK	129	2	H	-2.26	62	74	-12
5460	51.85	AV	129	2	H	-2.26	49.59	54	-4.41
5460	64.11	PK	356	1.7	V	-2.26	61.85	74	-12.15
5460	51.74	AV	356	1.7	V	-2.26	49.48	54	-4.52
10580	42.61	PK	334	2.2	H	8.77	51.38	68.2	-16.82
10580	42.92	PK	215	1.5	V	8.77	51.69	68.2	-16.51

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX20									
5260 MHz									
4500	63.21	PK	99	1.8	H	-4.72	58.49	74	-15.51
4500	50.49	AV	99	1.8	H	-4.72	45.77	54	-8.23
4500	63.13	PK	4	2.4	V	-4.72	58.41	74	-15.59
4500	52.38	AV	4	2.4	V	-4.72	47.66	54	-6.34
5150	64.47	PK	126	2.4	H	-2.73	61.74	74	-12.26
5150	50.79	AV	126	2.4	H	-2.73	48.06	54	-5.94
5150	64.38	PK	284	2.3	V	-2.73	61.65	74	-12.35
5150	50.7	AV	284	2.3	V	-2.73	47.97	54	-6.03
10520	41.73	PK	355	2.1	H	8.65	50.38	68.2	-17.82
10520	41.99	PK	19	2.4	V	8.65	50.64	68.2	-17.56
5280 MHz									
10560	42.53	PK	259	1.8	H	8.69	51.22	68.2	-16.98
10560	42.85	PK	242	2	V	8.69	51.54	68.2	-16.66
5320 MHz									
5350	68.84	PK	181	1.9	H	-2.33	66.51	74	-7.49
5350	51.8	AV	181	1.9	H	-2.33	49.47	54	-4.53
5350	66.19	PK	229	2.4	V	-2.33	63.86	74	-10.14
5350	51.37	AV	229	2.4	V	-2.33	49.04	54	-4.96
5460	64.02	PK	174	2.4	H	-2.26	61.76	74	-12.24
5460	51.26	AV	174	2.4	H	-2.26	49	54	-5
5460	63.91	PK	160	1.7	V	-2.26	61.65	74	-12.35
5460	51.17	AV	160	1.7	V	-2.26	48.91	54	-5.09
10640	42.62	PK	252	1.2	H	8.92	51.54	74	-22.46
10640	42.91	PK	31	1.4	V	8.92	51.83	74	-22.17

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX40									
5270 MHz									
4500	63.2	PK	226	1.5	H	-4.72	58.48	74	-15.52
4500	50.73	AV	226	1.5	H	-4.72	46.01	54	-7.99
4500	63.11	PK	278	1.8	V	-4.72	58.39	74	-15.61
4500	50.64	AV	278	1.8	V	-4.72	45.92	54	-8.08
5150	64.52	PK	241	1.2	H	-2.73	61.79	74	-12.21
5150	51.09	AV	241	1.2	H	-2.73	48.36	54	-5.64
5150	64.41	PK	72	2.5	V	-2.73	61.68	74	-12.32
5150	50.98	AV	72	2.5	V	-2.73	48.25	54	-5.75
10540	42.15	PK	119	1.9	H	8.65	50.8	68.2	-17.4
10540	42.42	PK	85	1.4	V	8.65	51.07	68.2	-17.13
5310 MHz									
5350	70.78	PK	197	1.2	H	-2.33	68.45	74	-5.55
5350	54.86	AV	197	1.2	H	-2.33	52.53	54	-1.47
5350	68.51	PK	249	1.8	V	-2.33	66.18	74	-7.82
5350	53.29	AV	249	1.8	V	-2.33	50.96	54	-3.04
5460	63.98	PK	221	2.1	H	-2.26	61.72	74	-12.28
5460	51.44	AV	221	2.1	H	-2.26	49.18	54	-4.82
5460	63.86	PK	248	1.8	V	-2.26	61.6	74	-12.4
5460	51.35	AV	248	1.8	V	-2.26	49.09	54	-4.91
10620	42.91	PK	103	1.2	H	8.89	51.8	74	-22.2
10620	43.16	PK	232	1.8	V	8.89	52.05	74	-21.95

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX80									
5290 MHz									
4500	63.44	PK	319	2.1	H	-4.72	58.72	74	-15.28
4500	51.05	AV	319	2.1	H	-4.72	46.33	54	-7.67
4500	63.32	PK	106	1.6	V	-4.72	58.6	74	-15.4
4500	50.93	AV	106	1.6	V	-4.72	46.21	54	-7.79
5150	64.76	PK	159	2.2	H	-2.73	62.03	74	-11.97
5150	51.45	AV	159	2.2	H	-2.73	48.72	54	-5.28
5150	64.61	PK	26	1.3	V	-2.73	61.88	74	-12.12
5150	51.37	AV	26	1.3	V	-2.73	48.64	54	-5.36
5350	70.55	PK	81	1.4	H	-2.33	68.22	74	-5.78
5350	55.21	AV	81	1.4	H	-2.33	52.88	54	-1.12
5350	67.86	PK	310	2.4	V	-2.33	65.53	74	-8.47
5350	53.49	AV	310	2.4	V	-2.33	51.16	54	-2.84
5460	64.31	PK	76	1.9	H	-2.26	62.05	74	-11.95
5460	51.85	AV	76	1.9	H	-2.26	49.59	54	-4.41
5460	64.18	PK	173	1.1	V	-2.26	61.92	74	-12.08
5460	51.74	AV	173	1.1	V	-2.26	49.48	54	-4.52
10580	42.83	PK	31	1.7	H	8.77	51.6	68.2	-16.6
10580	43.09	PK	57	2.5	V	8.77	51.86	68.2	-16.34

5470-5725MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5500 MHz									
5460	64.65	PK	186	2.1	H	-2.26	62.39	74	-11.61
5460	50.86	AV	186	2.1	H	-2.26	48.6	54	-5.4
5460	64.54	PK	132	1.2	V	-2.26	62.28	74	-11.72
5460	50.77	AV	132	1.2	V	-2.26	48.51	54	-5.49
5470	67.98	PK	80	1.2	H	-2.22	65.76	68.2	-2.44
5470	66.74	PK	107	1.4	V	-2.22	64.52	68.2	-3.68
11000	40.22	PK	31	2.3	H	9.67	49.89	74	-24.11
11000	40.54	PK	189	1.7	V	9.67	50.21	74	-23.79
5580 MHz									
11160	42.25	PK	271	1.2	H	8.68	50.93	74	-23.07
11160	42.57	PK	87	1.3	V	8.68	51.25	74	-22.75
5700 MHz									
5725	66.9	PK	333	1.6	H	-1.96	64.94	68.2	-3.26
5725	66.31	PK	230	1.4	V	-1.96	64.35	68.2	-3.85
5745	64.63	PK	30	1	H	-1.91	62.72	68.2	-5.48
5745	64.48	PK	115	2.2	V	-1.91	62.57	68.2	-5.63
11400	44.81	PK	40	1.5	H	7.26	52.07	74	-21.93
11400	45.24	PK	288	1.5	V	7.26	52.5	74	-21.5

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5500 MHz									
5460	64.58	PK	325	2	H	-2.26	62.32	74	-11.68
5460	50.82	AV	325	2	H	-2.26	48.56	54	-5.44
5460	64.46	PK	84	1.1	V	-2.26	62.2	74	-11.8
5460	50.71	AV	84	1.1	V	-2.26	48.45	54	-5.55
5470	67.73	PK	308	2.3	H	-2.22	65.51	68.2	-2.69
5470	67.1	PK	239	1.7	V	-2.22	64.88	68.2	-3.32
11000	40.6	PK	127	2.3	H	9.67	50.27	74	-23.73
11000	40.97	PK	106	2	V	9.67	50.64	74	-23.36
5580 MHz									
11160	42.36	PK	146	2.3	H	8.68	51.04	74	-22.96
11160	42.75	PK	285	1.4	V	8.68	51.43	74	-22.57
5700 MHz									
5725	67.16	PK	297	1.6	H	-1.96	65.2	68.2	-3
5725	66.44	PK	192	2.1	V	-1.96	64.48	68.2	-3.72
5745	64.54	PK	301	1.1	H	-1.91	62.63	68.2	-5.57
5745	64.43	PK	260	1.3	V	-1.91	62.52	68.2	-5.68
11400	44.94	PK	95	2.3	H	7.26	52.2	74	-21.8
11400	45.21	PK	169	2	V	7.26	52.47	74	-21.53

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5510 MHz									
5460	64.98	PK	77	2.1	H	-2.26	62.72	74	-11.28
5460	51.47	AV	77	2.1	H	-2.26	49.21	54	-4.79
5460	64.84	PK	81	1.9	V	-2.26	62.58	74	-11.42
5460	51.35	AV	81	1.9	V	-2.26	49.09	54	-4.91
5470	67.82	PK	356	1.3	H	-2.22	65.6	68.2	-2.6
5470	66.78	PK	96	1.4	V	-2.22	64.56	68.2	-3.64
11020	40.22	PK	73	1.1	H	9.57	49.79	74	-24.21
11020	40.64	PK	40	1.8	V	9.57	50.21	74	-23.79
5550 MHz									
11100	40.52	PK	348	2.2	H	9.12	49.64	74	-24.36
11100	40.88	PK	332	2.3	V	9.12	50	74	-24
5670 MHz									
5725	67.37	PK	186	2.1	H	-1.96	65.41	68.2	-2.79
5725	66.73	PK	101	1.2	V	-1.96	64.77	68.2	-3.43
5745	64.77	PK	112	1.2	H	-1.91	62.86	68.2	-5.34
5745	64.65	PK	164	1.9	V	-1.91	62.74	68.2	-5.46
11340	43.45	PK	348	1	H	7.67	51.12	74	-22.88
11340	43.89	PK	102	1.1	V	7.67	51.56	74	-22.44

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC 20									
5500 MHz									
5460	64.76	PK	22	1.2	H	-2.26	62.5	74	-11.5
5460	50.91	AV	22	1.2	H	-2.26	48.65	54	-5.35
5460	64.62	PK	263	1.8	V	-2.26	62.36	74	-11.64
5460	50.8	AV	263	1.8	V	-2.26	48.54	54	-5.46
5470	67.98	PK	356	2.3	H	-2.22	65.76	68.2	-2.44
5470	67.21	PK	283	1.4	V	-2.22	64.99	68.2	-3.21
11000	40.76	PK	204	2.2	H	9.67	50.43	74	-23.57
11000	41.07	PK	171	1.5	V	9.67	50.74	74	-23.26
5580 MHz									
11160	42.58	PK	170	1.6	H	8.68	51.26	74	-22.74
11160	42.99	PK	236	2.2	V	8.68	51.67	74	-22.33
5700 MHz									
5725	67.34	PK	272	2.1	H	-1.96	65.38	68.2	-2.82
5725	66.63	PK	111	1.1	V	-1.96	64.67	68.2	-3.53
5745	64.76	PK	323	1	H	-1.91	62.85	68.2	-5.35
5745	64.65	PK	239	2.2	V	-1.91	62.74	68.2	-5.46
11400	45.09	PK	232	1.1	H	7.26	52.35	74	-21.65
11400	45.35	PK	16	2.1	V	7.26	52.61	74	-21.39

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5510 MHz									
5460	65.06	PK	2	1.8	H	-2.26	62.8	74	-11.2
5460	51.58	AV	2	1.8	H	-2.26	49.32	54	-4.68
5460	64.94	PK	124	1.5	V	-2.26	62.68	74	-11.32
5460	51.47	AV	124	1.5	V	-2.26	49.21	54	-4.79
5470	67.96	PK	107	1	H	-2.22	65.74	68.2	-2.46
5470	66.98	PK	312	1.2	V	-2.22	64.76	68.2	-3.44
11020	40.46	PK	314	2.4	H	9.57	50.03	74	-23.97
11020	40.78	PK	131	1.1	V	9.57	50.35	74	-23.65
5550 MHz									
11100	40.64	PK	1	2	H	9.12	49.76	74	-24.24
11100	40.96	PK	87	2	V	9.12	50.08	74	-23.92
5670 MHz									
5725	67.63	PK	7	1.8	H	-1.96	65.67	68.2	-2.53
5725	66.8	PK	277	2.1	V	-1.96	64.84	68.2	-3.36
5745	64.86	PK	220	2	H	-1.91	62.95	68.2	-5.25
5745	64.74	PK	37	1.9	V	-1.91	62.83	68.2	-5.37
11340	43.64	PK	151	1.5	H	7.67	51.31	74	-22.69
11340	44.07	PK	49	2.4	V	7.67	51.74	74	-22.26

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5530 MHz									
5460	65.3	PK	241	2.4	H	-2.26	63.04	74	-10.96
5460	52.58	AV	241	2.4	H	-2.26	50.32	54	-3.68
5460	65.17	PK	276	2.1	V	-2.26	62.91	74	-11.09
5460	52.45	AV	276	2.1	V	-2.26	50.19	54	-3.81
5470	68.27	PK	146	1.9	H	-2.22	66.05	68.2	-2.15
5470	67.52	PK	151	1.5	V	-2.22	65.3	68.2	-2.9
11060	40.33	PK	338	1	H	9.37	49.7	74	-24.3
11060	40.8	PK	273	1.8	V	9.37	50.17	74	-23.83
5610 MHz									
5725	68.03	PK	25	2.4	H	-1.96	66.07	68.2	-2.13
5725	67.3	PK	358	2.1	V	-1.96	65.34	68.2	-2.86
5745	65.14	PK	47	2.5	H	-1.91	63.23	68.2	-4.97
5745	65.01	PK	68	2.4	V	-1.91	63.1	68.2	-5.1
11220	43.01	PK	32	1	H	8.33	51.34	74	-22.66
11220	43.43	PK	48	1.3	V	8.33	51.76	74	-22.24

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX20									
5500 MHz									
5460	64.91	PK	125	1.1	H	-2.26	62.65	74	-11.35
5460	50.98	AV	125	1.1	H	-2.26	48.72	54	-5.28
5460	64.79	PK	300	2.1	V	-2.26	62.53	74	-11.47
5460	50.86	AV	300	2.1	V	-2.26	48.6	54	-5.4
5470	68.18	PK	144	1.4	H	-2.22	65.96	68.2	-2.24
5470	67.61	PK	282	1.4	V	-2.22	65.39	68.2	-2.81
11000	40.81	PK	122	1.8	H	9.67	50.48	74	-23.52
11000	41.12	PK	167	1.2	V	9.67	50.79	74	-23.21
5580 MHz									
11160	42.75	PK	177	1.1	H	8.68	51.43	74	-22.57
11160	43.1	PK	149	2.1	V	8.68	51.78	74	-22.22
5700 MHz									
5725	67.73	PK	212	2.2	H	-1.96	65.77	68.2	-2.43
5725	66.91	PK	236	1.2	V	-1.96	64.95	68.2	-3.25
5745	65.02	PK	50	2.2	H	-1.91	63.11	68.2	-5.09
5745	64.87	PK	303	1.9	V	-1.91	62.96	68.2	-5.24
11400	45.24	PK	4	1.7	H	7.26	52.5	74	-21.5
11400	45.69	PK	66	1.8	V	7.26	52.95	74	-21.05

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX40									
5510 MHz									
5460	65.28	PK	246	1.5	H	-2.26	63.02	74	-10.98
5460	51.67	AV	246	1.5	H	-2.26	49.41	54	-4.59
5460	65.12	PK	19	1.8	V	-2.26	62.86	74	-11.14
5460	51.56	AV	19	1.8	V	-2.26	49.3	54	-4.7
5470	68.2	PK	43	1.9	H	-2.22	65.98	68.2	-2.22
5470	67.36	PK	73	2.4	V	-2.22	65.14	68.2	-3.06
11020	40.65	PK	192	2.2	H	9.57	50.22	74	-23.78
11020	40.97	PK	44	2.4	V	9.57	50.54	74	-23.46
5550 MHz									
11100	40.79	PK	143	1.2	H	9.12	49.91	74	-24.09
11100	41.12	PK	35	1.7	V	9.12	50.24	74	-23.76
5670 MHz									
5725	67.93	PK	302	1.9	H	-1.96	65.97	68.2	-2.23
5725	67.01	PK	359	2.1	V	-1.96	65.05	68.2	-3.15
5745	65.03	PK	256	2.4	H	-1.91	63.12	68.2	-5.08
5745	64.87	PK	207	2	V	-1.91	62.96	68.2	-5.24
11340	43.9	PK	110	2.2	H	7.67	51.57	74	-22.43
11340	44.32	PK	352	1.2	V	7.67	51.99	74	-22.01

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX80									
5530 MHz									
5460	65.42	PK	269	1.1	H	-2.26	63.16	74	-10.84
5460	52.7	AV	269	1.1	H	-2.26	50.44	54	-3.56
5460	65.29	PK	265	1.8	V	-2.26	63.03	74	-10.97
5460	52.61	AV	265	1.8	V	-2.26	50.35	54	-3.65
5470	68.41	PK	121	1.4	H	-2.22	66.19	68.2	-2.01
5470	67.72	PK	260	2.1	V	-2.22	65.5	68.2	-2.7
11060	40.53	PK	73	2	H	9.37	49.9	74	-24.1
11060	41.12	PK	276	2.4	V	9.37	50.49	74	-23.51
5610 MHz									
5725	68.2	PK	344	2.3	H	-1.96	66.24	68.2	-1.96
5725	67.49	PK	184	1.5	V	-1.96	65.53	68.2	-2.67
5745	65.22	PK	159	1.9	H	-1.91	63.31	68.2	-4.89
5745	65.1	PK	160	1.5	V	-1.91	63.19	68.2	-5.01
11220	43.22	PK	310	1.6	H	8.33	51.55	74	-22.45
11220	43.5	PK	93	1.9	V	8.33	51.83	74	-22.17

5725-5850 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5745 MHz									
5650	66.09	PK	197	1.2	H	-1.95	64.14	68.2	-4.06
5700	79.18	PK	145	1.6	H	-2.02	77.16	105.2	-28.04
5720	88.4	PK	166	1.6	H	-1.97	86.43	110.8	-24.37
5725	92.63	PK	132	1.6	H	-1.96	90.67	122.2	-31.53
5650	66.21	PK	43	1	V	-1.95	64.26	68.2	-3.94
5700	81.1	PK	176	1.9	V	-2.02	79.08	105.2	-26.12
5720	90.1	PK	5	1.4	V	-1.97	88.13	110.8	-22.67
5725	94.53	PK	285	1.7	V	-1.96	92.57	122.2	-29.63
11490	43.66	PK	276	1.3	H	6.63	50.29	74	-23.71
11490	43.88	PK	197	2.1	V	6.63	50.51	74	-23.49
5785 MHz									
11570	43.87	PK	132	1.8	H	6.59	50.46	74	-23.54
11570	44.1	PK	179	1.8	V	6.59	50.69	74	-23.31
5825 MHz									
5850	89.27	PK	6	2.3	H	-1.81	87.46	122.2	-34.74
5855	87.8	PK	166	1.9	H	-1.82	85.98	110.8	-24.82
5875	77.35	PK	89	2.2	H	-1.84	75.51	105.2	-29.69
5925	66.64	PK	107	1.3	H	-1.82	64.82	68.2	-3.38
5850	90.09	PK	43	2.5	V	-1.81	88.28	122.2	-33.92
5855	88.37	PK	265	2.3	V	-1.82	86.55	110.8	-24.25
5875	79	PK	328	2.3	V	-1.84	77.16	105.2	-28.04
5925	66.75	PK	263	1.4	V	-1.82	64.93	68.2	-3.27
11650	42.58	PK	186	1.9	H	6.77	49.35	74	-24.65
11650	42.8	PK	106	1.4	V	6.77	49.57	74	-24.43

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5745 MHz									
5650	66.19	PK	84	1	H	-1.95	64.24	68.2	-3.96
5700	77.72	PK	35	1.2	H	-2.02	75.7	105.2	-29.5
5720	87.79	PK	149	1	H	-1.97	85.82	110.8	-24.98
5725	92.59	PK	32	2.2	H	-1.96	90.63	122.2	-31.57
5650	66.3	PK	205	1.6	V	-1.95	64.35	68.2	-3.85
5700	80.38	PK	236	1.4	V	-2.02	78.36	105.2	-26.84
5720	90.54	PK	258	2	V	-1.97	88.57	110.8	-22.23
5725	94.96	PK	128	1.6	V	-1.96	93	122.2	-29.2
11490	43.18	PK	121	2	H	6.63	49.81	74	-24.19
11490	43.39	PK	298	1.4	V	6.63	50.02	74	-23.98
5785 MHz									
11570	43.59	PK	4	2.5	H	6.59	50.18	74	-23.82
11570	43.9	PK	75	1.1	V	6.59	50.49	74	-23.51
5825 MHz									
5850	89.6	PK	71	1.2	H	-1.81	87.79	122.2	-34.41
5855	87.58	PK	237	2.2	H	-1.82	85.76	110.8	-25.04
5875	78.89	PK	97	1.9	H	-1.84	77.05	105.2	-28.15
5925	66.69	PK	286	1.6	H	-1.82	64.87	68.2	-3.33
5850	90.42	PK	208	1.3	V	-1.81	88.61	122.2	-33.59
5855	88.82	PK	170	1	V	-1.82	87	110.8	-23.8
5875	79.96	PK	73	1.3	V	-1.84	78.12	105.2	-27.08
5925	66.81	PK	316	1.2	V	-1.82	64.99	68.2	-3.21
11650	42.2	PK	104	1.7	H	6.77	48.97	74	-25.03
11650	42.59	PK	229	1.1	V	6.77	49.36	74	-24.64

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5755 MHz									
5650	65.92	PK	30	1.8	H	-1.95	63.97	68.2	-4.23
5700	67.2	PK	273	2.4	H	-2.02	65.18	105.2	-40.02
5720	70.59	PK	90	1.7	H	-1.97	68.62	110.8	-42.18
5725	72.07	PK	86	1.2	H	-1.96	70.11	122.2	-52.09
5650	66.07	PK	222	2.2	V	-1.95	64.12	68.2	-4.08
5700	67.49	PK	11	2.4	V	-2.02	65.47	105.2	-39.73
5720	71.31	PK	87	1.4	V	-1.97	69.34	110.8	-41.46
5725	73.61	PK	305	1.3	V	-1.96	71.65	122.2	-50.55
11510	43.82	PK	67	1.9	H	6.59	50.41	74	-23.59
11510	44.07	PK	41	1.6	V	6.59	50.66	74	-23.34
5795 MHz									
5850	68.1	PK	233	2.5	H	-1.81	66.29	122.2	-55.91
5855	67.57	PK	141	1.7	H	-1.82	65.75	110.8	-45.05
5875	67.34	PK	201	1.2	H	-1.84	65.5	105.2	-39.7
5925	66.63	PK	187	1.7	H	-1.82	64.81	68.2	-3.39
5850	68.72	PK	25	2.3	V	-1.81	66.91	122.2	-55.29
5855	67.88	PK	59	2	V	-1.82	66.06	110.8	-44.74
5875	67.53	PK	68	1.5	V	-1.84	65.69	105.2	-39.51
5925	66.74	PK	248	1.9	V	-1.82	64.92	68.2	-3.28
11590	44.22	PK	338	1.2	H	6.57	50.79	74	-23.21
11590	44.38	PK	51	1.7	V	6.57	50.95	74	-23.05

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC20									
5745 MHz									
5650	66.29	PK	212	1.7	H	-1.95	64.34	68.2	-3.86
5700	77.15	PK	313	1.7	H	-2.02	75.13	105.2	-30.07
5720	88.03	PK	210	2.1	H	-1.97	86.06	110.8	-24.74
5725	92.67	PK	242	1.4	H	-1.96	90.71	122.2	-31.49
5650	66.4	PK	123	1.6	V	-1.95	64.45	68.2	-3.75
5700	78.58	PK	107	1.5	V	-2.02	76.56	105.2	-28.64
5720	89.6	PK	297	1.9	V	-1.97	87.63	110.8	-23.17
5725	94.94	PK	78	2.5	V	-1.96	92.98	122.2	-29.22
11490	43.46	PK	298	1.9	H	6.63	50.09	74	-23.91
11490	43.73	PK	317	1.7	V	6.63	50.36	74	-23.64
5785 MHz									
11570	43.7	PK	246	1.7	H	6.59	50.29	74	-23.71
11570	43.99	PK	80	2.4	V	6.59	50.58	74	-23.42
5825 MHz									
5850	90.24	PK	171	1.2	H	-1.81	88.43	122.2	-33.77
5855	86.76	PK	150	1.1	H	-1.82	84.94	110.8	-25.86
5875	80.06	PK	174	2.1	H	-1.84	78.22	105.2	-26.98
5925	66.72	PK	153	2.4	H	-1.82	64.9	68.2	-3.3
5850	91.63	PK	72	1.9	V	-1.81	89.82	122.2	-32.38
5855	88.15	PK	119	2.1	V	-1.82	86.33	110.8	-24.47
5875	82.19	PK	145	1.3	V	-1.84	80.35	105.2	-24.85
5925	66.83	PK	98	2	V	-1.82	65.01	68.2	-3.19
11650	42.36	PK	351	1.4	H	6.77	49.13	74	-24.87
11650	42.67	PK	320	2	V	6.77	49.44	74	-24.56

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5755 MHz									
5650	66.11	PK	104	2	H	-1.95	64.16	68.2	-4.04
5700	67.33	PK	4	2.5	H	-2.02	65.31	105.2	-39.89
5720	71.09	PK	148	2.3	H	-1.97	69.12	110.8	-41.68
5725	73.2	PK	21	1.7	H	-1.96	71.24	122.2	-50.96
5650	66.22	PK	204	2.5	V	-1.95	64.27	68.2	-3.93
5700	67.86	PK	247	1.5	V	-2.02	65.84	105.2	-39.36
5720	72.5	PK	122	1.5	V	-1.97	70.53	110.8	-40.27
5725	75.34	PK	304	1.2	V	-1.96	73.38	122.2	-48.82
11510	43.94	PK	276	1.8	H	6.59	50.53	74	-23.47
11510	44.21	PK	199	1.5	V	6.59	50.8	74	-23.2
5795 MHz									
5850	68.49	PK	7	1.4	H	-1.81	66.68	122.2	-55.52
5855	67.73	PK	229	1.1	H	-1.82	65.91	110.8	-44.89
5875	67.5	PK	341	1.4	H	-1.84	65.66	105.2	-39.54
5925	66.67	PK	127	1.8	H	-1.82	64.85	68.2	-3.35
5850	69.12	PK	152	1.6	V	-1.81	67.31	122.2	-54.89
5855	68.04	PK	283	1.9	V	-1.82	66.22	110.8	-44.58
5875	67.89	PK	203	2	V	-1.84	66.05	105.2	-39.15
5925	66.78	PK	8	2.3	V	-1.82	64.96	68.2	-3.24
11590	44.33	PK	107	1.8	H	6.57	50.9	74	-23.1
11590	44.59	PK	3	1.6	V	6.57	51.16	74	-22.84

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5650	66	PK	76	2.4	H	-1.95	64.05	68.2	-4.15
5700	68.66	PK	301	2.4	H	-2.02	66.64	105.2	-38.56
5720	71.08	PK	192	1.4	H	-1.97	69.11	110.8	-41.69
5725	74.46	PK	93	1.3	H	-1.96	72.5	122.2	-49.7
5650	66.12	PK	164	1.2	V	-1.95	64.17	68.2	-4.03
5700	69.98	PK	190	1.6	V	-2.02	67.96	105.2	-37.24
5720	72.57	PK	64	2.4	V	-1.97	70.6	110.8	-40.2
5725	75.04	PK	314	1.3	V	-1.96	73.08	122.2	-49.12
5850	71.39	PK	64	2.5	H	-1.81	69.58	122.2	-52.62
5855	69.97	PK	4	1.6	H	-1.82	68.15	110.8	-42.65
5875	68.1	PK	228	1.5	H	-1.84	66.26	105.2	-38.94
5925	66.61	PK	354	1.5	H	-1.82	64.79	68.2	-3.41
5850	72.5	PK	347	1.8	V	-1.81	70.69	122.2	-51.51
5855	71.15	PK	358	1.5	V	-1.82	69.33	110.8	-41.47
5875	68.46	PK	188	2.2	V	-1.84	66.62	105.2	-38.58
5925	66.72	PK	202	1.8	V	-1.82	64.9	68.2	-3.3
11550	44.24	PK	168	1.1	H	6.61	50.85	74	-23.15
11550	44.52	PK	107	1.9	V	6.61	51.13	74	-22.87

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX20									
5745 MHz									
5650	66.48	PK	187	2.5	H	-1.95	64.53	68.2	-3.67
5700	67.88	PK	28	2.4	H	-2.02	65.86	105.2	-39.34
5720	73.68	PK	305	2.3	H	-1.97	71.71	110.8	-39.09
5725	80.34	PK	84	2.2	H	-1.96	78.38	122.2	-43.82
5650	66.75	PK	8	1.1	V	-1.95	64.8	68.2	-3.4
5700	68.25	PK	336	2.1	V	-2.02	66.23	105.2	-38.97
5720	75.14	PK	40	1	V	-1.97	73.17	110.8	-37.63
5725	82.8	PK	217	1.8	V	-1.96	80.84	122.2	-41.36
11490	44.72	PK	194	2.4	H	6.63	51.35	74	-22.65
11490	44.98	PK	160	1.8	V	6.63	51.61	74	-22.39
5785 MHz									
11570	45.29	PK	290	1.1	H	6.59	51.88	74	-22.12
11570	45.53	PK	236	2	V	6.59	52.12	74	-21.88
5825 MHz									
5850	74.86	PK	27	1.1	H	-1.81	73.05	122.2	-49.15
5855	68.4	PK	49	2.4	H	-1.82	66.58	110.8	-44.22
5875	67.53	PK	317	1.9	H	-1.84	65.69	105.2	-39.51
5925	66.68	PK	211	1.5	H	-1.82	64.86	68.2	-3.34
5850	76.75	PK	266	2.3	V	-1.81	74.94	122.2	-47.26
5855	69.13	PK	46	1.6	V	-1.82	67.31	110.8	-43.49
5875	67.9	PK	273	2.5	V	-1.84	66.06	105.2	-39.14
5925	66.77	PK	162	1.9	V	-1.82	64.95	68.2	-3.25
11650	44.14	PK	209	2.2	H	6.77	50.91	74	-23.09
11650	44.43	PK	293	2	V	6.77	51.2	74	-22.8

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX40									
5755 MHz									
5650	66.33	PK	124	1.7	H	-1.95	64.38	68.2	-3.82
5700	70.78	PK	244	1.5	H	-2.02	68.76	105.2	-36.44
5720	79.97	PK	168	1.1	H	-1.97	78	110.8	-32.8
5725	82.73	PK	328	1.7	H	-1.96	80.77	122.2	-41.43
5650	66.46	PK	212	1.6	V	-1.95	64.51	68.2	-3.69
5700	71.59	PK	223	1	V	-2.02	69.57	105.2	-35.63
5720	81.99	PK	174	1.6	V	-1.97	80.02	110.8	-30.78
5725	84.39	PK	260	1.7	V	-1.96	82.43	122.2	-39.77
11510	45.14	PK	138	1.3	H	6.59	51.73	74	-22.27
11510	45.35	PK	353	1.5	V	6.59	51.94	74	-22.06
5795 MHz									
5850	71.45	PK	136	1.8	H	-1.81	69.64	122.2	-52.56
5855	69.58	PK	336	1.3	H	-1.82	67.76	110.8	-43.04
5875	67.73	PK	53	1.6	H	-1.84	65.89	105.2	-39.31
5925	66.69	PK	322	2.5	H	-1.82	64.87	68.2	-3.33
5850	72.53	PK	290	1	V	-1.81	70.72	122.2	-51.48
5855	71.16	PK	78	2.1	V	-1.82	69.34	110.8	-41.46
5875	68.15	PK	142	2.2	V	-1.84	66.31	105.2	-38.89
5925	66.8	PK	309	2.3	V	-1.82	64.98	68.2	-3.22
11590	45.56	PK	212	2.2	H	6.57	52.13	74	-21.87
11590	45.81	PK	275	2.1	V	6.57	52.38	74	-21.62

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX80									
5775 MHz									
5650	66.48	PK	293	1.5	H	-1.95	64.53	68.2	-3.67
5700	72.97	PK	358	2.2	H	-2.02	70.95	105.2	-34.25
5720	75.23	PK	246	1.7	H	-1.97	73.26	110.8	-37.54
5725	76.9	PK	68	2.2	H	-1.96	74.94	122.2	-47.26
5650	66.72	PK	35	2.4	V	-1.95	64.77	68.2	-3.43
5700	74.84	PK	208	2.4	V	-2.02	72.82	105.2	-32.38
5720	76.62	PK	329	1.8	V	-1.97	74.65	110.8	-36.15
5725	78.84	PK	201	2.4	V	-1.96	76.88	122.2	-45.32
5850	74.86	PK	25	1.5	H	-1.81	73.05	122.2	-49.15
5855	73.06	PK	229	1.6	H	-1.82	71.24	110.8	-39.56
5875	68.75	PK	260	2.2	H	-1.84	66.91	105.2	-38.29
5925	66.72	PK	309	1.7	H	-1.82	64.9	68.2	-3.3
5850	76.8	PK	125	1.8	V	-1.81	74.99	122.2	-47.21
5855	74.94	PK	36	1.8	V	-1.82	73.12	110.8	-37.68
5875	69.48	PK	108	2.3	V	-1.84	67.64	105.2	-37.56
5925	66.83	PK	36	1.2	V	-1.82	65.01	68.2	-3.19
11550	44.36	PK	196	1.4	H	6.61	50.97	74	-23.03
11550	43.69	PK	142	2.2	V	6.61	50.3	74	-23.7

Note:

Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

Absolute Level (Corrected Amplitude) = Factor + Reading

Margin = Absolute Level (Corrected Amplitude) – Limit

The other spurious emission which is in the noise floor level was not recorded.

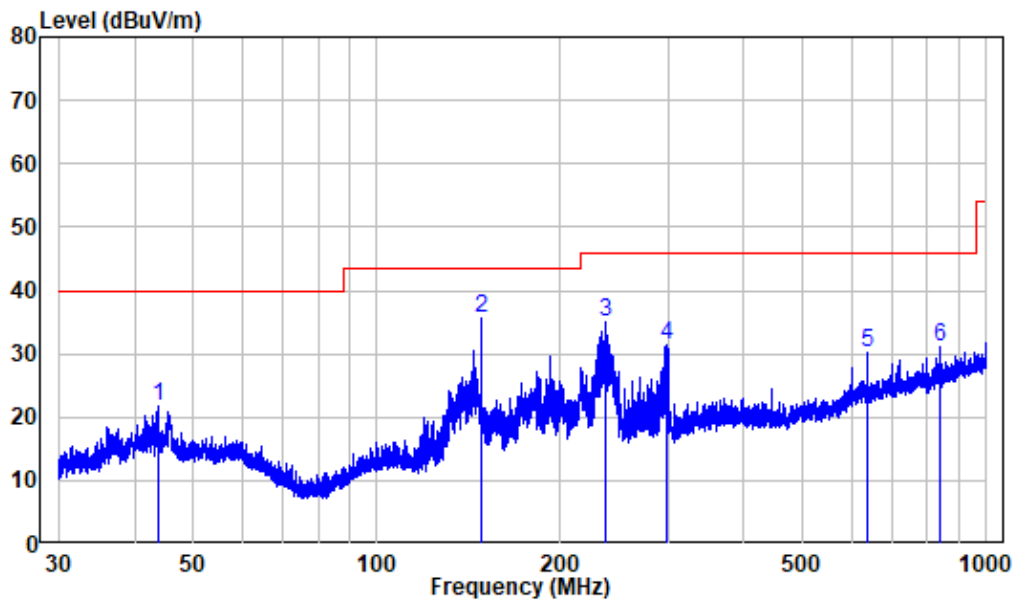
The test result of peak was less than the limit of average, so just peak value were recorded.

For iron Antenna::

30 MHz – 1 GHz: (worst case is 802.11ax20, 5825MHz)

Note: When the test result of Peak was less than the limit of QP more than 6dB, just the peak level was recorded

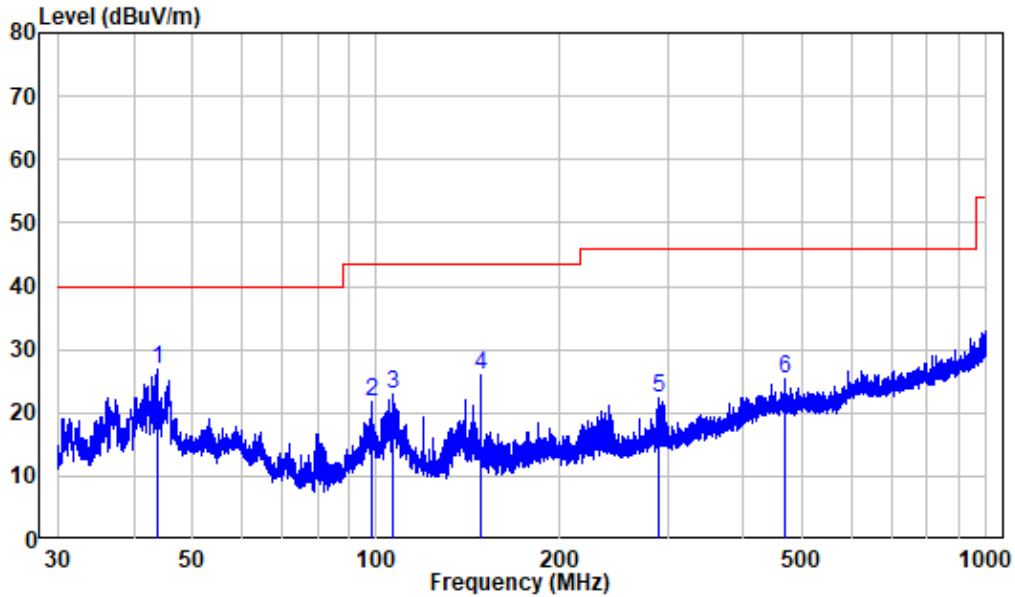
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZNS220511-19727E-RF
 Test Mode: 5G WIFI

	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.754	-9.91	31.50	21.59	40.00	-18.41	Peak
2	148.506	-15.35	51.07	35.72	43.50	-7.78	Peak
3	237.580	-10.93	46.07	35.14	46.00	-10.86	Peak
4	299.185	-9.23	40.56	31.33	46.00	-14.67	Peak
5	638.089	-1.95	32.16	30.21	46.00	-15.79	Peak
6	841.761	0.33	30.71	31.04	46.00	-14.96	Peak

Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZNS220511-19727E-RF
 Test Mode: 5G WIFI

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.793	-9.91	36.69	26.78	40.00	-13.22	Peak
2	98.400	-12.16	33.92	21.76	43.50	-21.74	Peak
3	106.665	-11.94	35.01	23.07	43.50	-20.43	Peak
4	148.506	-15.35	41.40	26.05	43.50	-17.45	Peak
5	289.509	-9.32	31.54	22.22	46.00	-23.78	Peak
6	468.465	-5.53	30.93	25.40	46.00	-20.60	Peak

5150-5250 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5180 MHz									
4500	63.01	PK	158	2	H	-4.72	58.29	74	-15.71
4500	50.38	AV	158	2	H	-4.72	45.66	54	-8.34
4500	62.92	PK	288	1.6	V	-4.72	58.2	74	-15.8
4500	50.29	AV	288	1.6	V	-4.72	45.57	54	-8.43
5150	65.84	PK	115	2.1	H	-2.73	63.11	74	-10.89
5150	51	AV	115	2.1	H	-2.73	48.27	54	-5.73
5150	65.27	PK	6	1.3	V	-2.73	62.54	74	-11.46
5150	50.72	AV	6	1.3	V	-2.73	47.99	54	-6.01
10360	42.09	PK	146	1.8	H	8.12	50.21	68.2	-17.99
10360	42.63	PK	234	1.1	V	8.12	50.75	68.2	-17.45
5200 MHz									
10400	41.93	PK	204	1.5	H	8.24	50.17	68.2	-18.03
10400	42.25	PK	316	2	V	8.24	50.49	68.2	-17.71
5240 MHz									
5350	64.89	PK	285	2.4	H	-2.33	62.56	74	-11.44
5350	51.13	AV	285	2.4	H	-2.33	48.8	54	-5.2
5350	64.67	PK	181	1.8	V	-2.33	62.34	74	-11.66
5350	51.06	AV	181	1.8	V	-2.33	48.73	54	-5.27
5460	63.56	PK	287	2.1	H	-2.26	61.3	74	-12.7
5460	51.09	AV	287	2.1	H	-2.26	48.83	54	-5.17
5460	63.45	PK	346	1.9	V	-2.26	61.19	74	-12.81
5460	51	AV	346	1.9	V	-2.26	48.74	54	-5.26
10480	41.83	PK	248	1.6	H	8.56	50.39	68.2	-17.81
10480	42.46	PK	359	1.7	V	8.56	51.02	68.2	-17.18

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5180 MHz									
4500	63.24	PK	21	2.1	H	-4.72	58.52	74	-15.48
4500	50.3	AV	21	2.1	H	-4.72	45.58	54	-8.42
4500	63.15	PK	119	1.1	V	-4.72	58.43	74	-15.57
4500	50.19	AV	119	1.1	V	-4.72	45.47	54	-8.53
5150	68.78	PK	340	1.9	H	-2.73	66.05	74	-7.95
5150	54.2	AV	340	1.9	H	-2.73	51.47	54	-2.53
5150	65.88	PK	121	1.3	V	-2.73	63.15	74	-10.85
5150	52.54	AV	121	1.3	V	-2.73	49.81	54	-4.19
10360	42.23	PK	249	1.9	H	8.12	50.35	68.2	-17.85
10360	42.52	PK	318	1.1	V	8.12	50.64	68.2	-17.56
5200 MHz									
10400	42.02	PK	11	1.4	H	8.24	50.26	68.2	-17.94
10400	42.35	PK	135	2	V	8.24	50.59	68.2	-17.61
5240 MHz									
5350	64.95	PK	22	1.7	H	-2.33	62.62	74	-11.38
5350	51.21	AV	22	1.7	H	-2.33	48.88	54	-5.12
5350	64.83	PK	322	2.3	V	-2.33	62.5	74	-11.5
5350	51.1	AV	322	2.3	V	-2.33	48.77	54	-5.23
5460	63.61	PK	27	1.6	H	-2.26	61.35	74	-12.65
5460	51.14	AV	27	1.6	H	-2.26	48.88	54	-5.12
5460	63.52	PK	156	2.1	V	-2.26	61.26	74	-12.74
5460	51.05	AV	156	2.1	V	-2.26	48.79	54	-5.21
10480	41.88	PK	183	2.4	H	8.56	50.44	68.2	-17.76
10480	42.37	PK	98	2.3	V	8.56	50.93	68.2	-17.27

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5190 MHz									
4500	63.1	PK	285	1.8	H	-4.72	58.38	74	-15.62
4500	50.69	AV	285	1.8	H	-4.72	45.97	54	-8.03
4500	63.02	PK	148	2.4	V	-4.72	58.3	74	-15.7
4500	50.61	AV	148	2.4	V	-4.72	45.89	54	-8.11
5150	66.41	PK	69	2.2	H	-2.73	63.68	74	-10.32
5150	53.07	AV	69	2.2	H	-2.73	50.34	54	-3.66
5150	65.01	PK	54	1.8	V	-2.73	62.28	74	-11.72
5150	51.12	AV	54	1.8	V	-2.73	48.39	54	-5.61
10380	42.09	PK	342	2.4	H	8.18	50.27	68.2	-17.93
10380	42.58	PK	107	2.4	V	8.18	50.76	68.2	-17.44
5230 MHz									
5350	65.09	PK	66	2.4	H	-2.33	62.76	74	-11.24
5350	51.56	AV	66	2.4	H	-2.33	49.23	54	-4.77
5350	64.88	PK	264	2.1	V	-2.33	62.55	74	-11.45
5350	51.47	AV	264	2.1	V	-2.33	49.14	54	-4.86
5460	63.69	PK	67	1.9	H	-2.26	61.43	74	-12.57
5460	51.34	AV	67	1.9	H	-2.26	49.08	54	-4.92
5460	63.58	PK	229	2.3	V	-2.26	61.32	74	-12.68
5460	51.25	AV	229	2.3	V	-2.26	48.99	54	-5.01
10460	41.92	PK	88	2.2	H	8.47	50.39	68.2	-17.81
10460	42.46	PK	241	1.7	V	8.47	50.93	68.2	-17.27

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC20									
5180 MHz									
4500	63.14	PK	194	1.1	H	-4.72	58.42	74	-15.58
4500	50.45	AV	194	1.1	H	-4.72	45.73	54	-8.27
4500	63.03	PK	171	1.1	V	-4.72	58.31	74	-15.69
4500	50.34	AV	171	1.1	V	-4.72	45.62	54	-8.38
5150	65.96	PK	355	2.4	H	-2.73	63.23	74	-10.77
5150	51.95	AV	355	2.4	H	-2.73	49.22	54	-4.78
5150	64.88	PK	201	2	V	-2.73	62.15	74	-11.85
5150	51.07	AV	201	2	V	-2.73	48.34	54	-5.66
10360	42.12	PK	225	1.5	H	8.12	50.24	68.2	-17.96
10360	42.43	PK	113	2.1	V	8.12	50.55	68.2	-17.65
5200 MHz									
10400	41.99	PK	276	1.8	H	8.24	50.23	68.2	-17.97
10400	42.3	PK	310	1.7	V	8.24	50.54	68.2	-17.66
5240 MHz									
5350	65.14	PK	318	1	H	-2.33	62.81	74	-11.19
5350	51.21	AV	318	1	H	-2.33	48.88	54	-5.12
5350	64.9	PK	334	1.5	V	-2.33	62.57	74	-11.43
5350	51.05	AV	334	1.5	V	-2.33	48.72	54	-5.28
5460	63.77	PK	306	1.8	H	-2.26	61.51	74	-12.49
5460	51.14	AV	306	1.8	H	-2.26	48.88	54	-5.12
5460	63.66	PK	59	2	V	-2.26	61.4	74	-12.6
5460	51.05	AV	59	2	V	-2.26	48.79	54	-5.21
10480	41.78	PK	163	2.1	H	8.56	50.34	68.2	-17.86
10480	42.13	PK	145	1.7	V	8.56	50.69	68.2	-17.51

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5190 MHz									
4500	63.34	PK	53	1.6	H	-4.72	58.62	74	-15.38
4500	50.87	AV	53	1.6	H	-4.72	46.15	54	-7.85
4500	63.25	PK	69	2.1	V	-4.72	58.53	74	-15.47
4500	50.79	AV	69	2.1	V	-4.72	46.07	54	-7.93
5150	67.52	PK	286	1.2	H	-2.73	64.79	74	-9.21
5150	53.59	AV	286	1.2	H	-2.73	50.86	54	-3.14
5150	65.08	PK	213	1.8	V	-2.73	62.35	74	-11.65
5150	51.41	AV	213	1.8	V	-2.73	48.68	54	-5.32
10380	42.19	PK	121	2	H	8.18	50.37	68.2	-17.83
10380	42.52	PK	184	1.1	V	8.18	50.7	68.2	-17.5
5230 MHz									
5350	65.28	PK	61	1.8	H	-2.33	62.95	74	-11.05
5350	51.65	AV	61	1.8	H	-2.33	49.32	54	-4.68
5350	65.04	PK	273	1.2	V	-2.33	62.71	74	-11.29
5350	51.56	AV	273	1.2	V	-2.33	49.23	54	-4.77
5460	63.82	PK	220	1.1	H	-2.26	61.56	74	-12.44
5460	51.45	AV	220	1.1	H	-2.26	49.19	54	-4.81
5460	63.71	PK	309	2.5	V	-2.26	61.45	74	-12.55
5460	51.34	AV	309	2.5	V	-2.26	49.08	54	-4.92
10460	41.93	PK	3	1.2	H	8.47	50.4	68.2	-17.8
10460	42.5	PK	71	1.5	V	8.47	50.97	68.2	-17.23

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5210MHz									
4500	63.17	PK	267	1.3	H	-4.72	58.45	74	-15.55
4500	51.01	AV	267	1.3	H	-4.72	46.29	54	-7.71
4500	63.08	PK	196	2.3	V	-4.72	58.36	74	-15.64
4500	50.92	AV	196	2.3	V	-4.72	46.2	54	-7.8
5150	65.18	PK	220	2.4	H	-2.73	62.45	74	-11.55
5150	52.47	AV	220	2.4	H	-2.73	49.74	54	-4.26
5150	64.5	PK	167	1.1	V	-2.73	61.77	74	-12.23
5150	51.76	AV	167	1.1	V	-2.73	49.03	54	-4.97
5350	64.97	PK	13	1.4	H	-2.33	62.64	74	-11.36
5350	52	AV	13	1.4	H	-2.33	49.67	54	-4.33
5350	62.81	PK	351	1.2	V	-2.33	60.48	74	-13.52
5350	51.93	AV	351	1.2	V	-2.33	49.6	54	-4.4
5460	63.66	PK	109	2.2	H	-2.26	61.4	74	-12.6
5460	51.99	AV	109	2.2	H	-2.26	49.73	54	-4.27
5460	63.57	PK	337	2.4	V	-2.26	61.31	74	-12.69
5460	51.88	AV	337	2.4	V	-2.26	49.62	54	-4.38
10420	41.98	PK	29	1.7	H	8.32	50.3	68.2	-17.9
10420	42.49	PK	224	1.4	V	8.32	50.81	68.2	-17.39

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX20									
5180 MHz									
4500	63.4	PK	302	2.2	H	-4.72	58.68	74	-15.32
4500	50.29	AV	302	2.2	H	-4.72	45.57	54	-8.43
4500	63.31	PK	80	1.8	V	-4.72	58.59	74	-15.41
4500	50.18	AV	80	1.8	V	-4.72	45.46	54	-8.54
5150	67.48	PK	70	1.7	H	-2.73	64.75	74	-9.25
5150	53.61	AV	70	1.7	H	-2.73	50.88	54	-3.12
5150	65.79	PK	146	1.6	V	-2.73	63.06	74	-10.94
5150	52.3	AV	146	1.6	V	-2.73	49.57	54	-4.43
10360	42.55	PK	281	1.3	H	8.12	50.67	68.2	-17.53
10360	42.67	PK	225	2	V	8.12	50.79	68.2	-17.41
5200 MHz									
10400	42.2	PK	154	1.6	H	8.24	50.44	68.2	-17.76
10400	42.47	PK	19	1.1	V	8.24	50.71	68.2	-17.49
5240 MHz									
5350	65.06	PK	7	2	H	-2.33	62.73	74	-11.27
5350	51.13	AV	7	2	H	-2.33	48.8	54	-5.2
5350	64.8	PK	250	2.4	V	-2.33	62.47	74	-11.53
5350	51.04	AV	250	2.4	V	-2.33	48.71	54	-5.29
5460	63.66	PK	25	1.4	H	-2.26	61.4	74	-12.6
5460	51.1	AV	25	1.4	H	-2.26	48.84	54	-5.16
5460	63.57	PK	5	1.8	V	-2.26	61.31	74	-12.69
5460	50.99	AV	5	1.8	V	-2.26	48.73	54	-5.27
10480	42.07	PK	248	2.1	H	8.56	50.63	68.2	-17.57
10480	42.58	PK	135	1.8	V	8.56	51.14	68.2	-17.06

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX40									
5190 MHz									
4500	63.5	PK	99	2.2	H	-4.72	58.78	74	-15.22
4500	51.01	AV	99	2.2	H	-4.72	46.29	54	-7.71
4500	63.39	PK	25	1.1	V	-4.72	58.67	74	-15.33
4500	50.92	AV	25	1.1	V	-4.72	46.2	54	-7.8
5150	69.45	PK	255	1.8	H	-2.73	66.72	74	-7.28
5150	55	AV	255	1.8	H	-2.73	52.27	54	-1.73
5150	66.32	PK	76	1.5	V	-2.73	63.59	74	-10.41
5150	51.91	AV	76	1.5	V	-2.73	49.18	54	-4.82
10380	42.43	PK	359	1.5	H	8.18	50.61	68.2	-17.59
10380	42.68	PK	307	1.5	V	8.18	50.86	68.2	-17.34
5230 MHz									
5350	65.21	PK	129	1.4	H	-2.33	62.88	74	-11.12
5350	51.58	AV	129	1.4	H	-2.33	49.25	54	-4.75
5350	65.04	PK	134	1.9	V	-2.33	62.71	74	-11.29
5350	51.49	AV	134	1.9	V	-2.33	49.16	54	-4.84
5460	63.77	PK	80	1.6	H	-2.26	61.51	74	-12.49
5460	51.41	AV	80	1.6	H	-2.26	49.15	54	-4.85
5460	63.68	PK	302	2.5	V	-2.26	61.42	74	-12.58
5460	51.3	AV	302	2.5	V	-2.26	49.04	54	-4.96
10460	42.03	PK	182	1.5	H	8.47	50.5	68.2	-17.7
10460	42.54	PK	28	1.5	V	8.47	51.01	68.2	-17.19

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX80									
5210 MHz									
4500	63.43	PK	308	2	H	-4.72	58.71	74	-15.29
4500	51.1	AV	308	2	H	-4.72	46.38	54	-7.62
4500	63.32	PK	243	2.4	V	-4.72	58.6	74	-15.4
4500	50.99	AV	243	2.4	V	-4.72	46.27	54	-7.73
5150	68.11	PK	223	1.1	H	-2.73	65.38	74	-8.62
5150	55.32	AV	223	1.1	H	-2.73	52.59	54	-1.41
5150	66.14	PK	288	2.2	V	-2.73	63.41	74	-10.59
5150	53.96	AV	288	2.2	V	-2.73	51.23	54	-2.77
5350	65.29	PK	228	1.6	H	-2.33	62.96	74	-11.04
5350	52.11	AV	228	1.6	H	-2.33	49.78	54	-4.22
5350	65.07	PK	319	1.9	V	-2.33	62.74	74	-11.26
5350	52	AV	319	1.9	V	-2.33	49.67	54	-4.33
5460	63.76	PK	22	1.8	H	-2.26	61.5	74	-12.5
5460	52.07	AV	22	1.8	H	-2.26	49.81	54	-4.19
5460	63.65	PK	314	2.3	V	-2.26	61.39	74	-12.61
5460	51.98	AV	314	2.3	V	-2.26	49.72	54	-4.28
10420	42.38	PK	259	1.8	H	8.32	50.7	68.2	-17.5
10420	42.75	PK	73	1.8	V	8.32	51.07	68.2	-17.13

5250-5350 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5260MHz									
4500	63.1	PK	71	1.4	H	-4.72	58.38	74	-15.62
4500	50.32	AV	71	1.4	H	-4.72	45.6	54	-8.4
4500	63.19	PK	128	1.8	V	-4.72	58.47	74	-15.53
4500	50.43	AV	128	1.8	V	-4.72	45.71	54	-8.29
5150	64.42	PK	351	1.3	H	-2.73	61.69	74	-12.31
5150	50.48	AV	351	1.3	H	-2.73	47.75	54	-6.25
5150	64.54	PK	292	1.5	V	-2.73	61.81	74	-12.19
5150	50.59	AV	292	1.5	V	-2.73	47.86	54	-6.14
10520	41.62	PK	333	1.4	H	8.65	50.27	68.2	-17.93
10520	41.83	PK	232	2.4	V	8.65	50.48	68.2	-17.72
5280 MHz									
10560	42.15	PK	358	2.2	H	8.69	50.84	68.2	-17.36
10560	42.4	PK	223	1.5	V	8.69	51.09	68.2	-17.11
5320 MHz									
5350	65.49	PK	110	1.7	H	-2.33	63.16	74	-10.84
5350	51.13	AV	110	1.7	H	-2.33	48.8	54	-5.2
5350	66.15	PK	86	2.3	V	-2.33	63.82	74	-10.18
5350	51.24	AV	86	2.3	V	-2.33	48.91	54	-5.09
5460	63.49	PK	8	1.9	H	-2.26	61.23	74	-12.77
5460	51.17	AV	8	1.9	H	-2.26	48.91	54	-5.09
5460	63.58	PK	274	1.6	V	-2.26	61.32	74	-12.68
5460	51.26	AV	274	1.6	V	-2.26	49	54	-5
10640	42.3	PK	79	1.3	H	8.92	51.22	74	-22.78
10640	42.62	PK	312	1.7	V	8.92	51.54	74	-22.46

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5260MHz									
4500	63.22	PK	238	1.7	H	-4.72	58.5	74	-15.5
4500	50.37	AV	238	1.7	H	-4.72	45.65	54	-8.35
4500	63.31	PK	135	1.3	V	-4.72	58.59	74	-15.41
4500	50.48	AV	135	1.3	V	-4.72	45.76	54	-8.24
5150	64.5	PK	247	2.3	H	-2.73	61.77	74	-12.23
5150	50.57	AV	247	2.3	H	-2.73	47.84	54	-6.16
5150	64.61	PK	171	1.8	V	-2.73	61.88	74	-12.12
5150	50.68	AV	171	1.8	V	-2.73	47.95	54	-6.05
10520	41.85	PK	206	1	H	8.65	50.5	68.2	-17.7
10520	42.24	PK	58	2.3	V	8.65	50.89	68.2	-17.31
5280 MHz									
10560	42.36	PK	182	1.4	H	8.69	51.05	68.2	-17.15
10560	42.59	PK	243	1.1	V	8.69	51.28	68.2	-16.92
5320 MHz									
5350	66.63	PK	25	1.8	H	-2.33	64.3	74	-9.7
5350	51.25	AV	25	1.8	H	-2.33	48.92	54	-5.08
5350	69.34	PK	58	2.3	V	-2.33	67.01	74	-6.99
5350	51.97	AV	58	2.3	V	-2.33	49.64	54	-4.36
5460	63.52	PK	110	1.7	H	-2.26	61.26	74	-12.74
5460	51.22	AV	110	1.7	H	-2.26	48.96	54	-5.04
5460	63.61	PK	177	1.8	V	-2.26	61.35	74	-12.65
5460	51.3	AV	177	1.8	V	-2.26	49.04	54	-4.96
10640	42.45	PK	132	2	H	8.92	51.37	74	-22.63
10640	42.94	PK	129	1.4	V	8.92	51.86	74	-22.14

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5270 MHz									
4500	63.04	PK	213	2.4	H	-4.72	58.32	74	-15.68
4500	50.85	AV	213	2.4	H	-4.72	46.13	54	-7.87
4500	63.13	PK	312	1.5	V	-4.72	58.41	74	-15.59
4500	50.92	AV	312	1.5	V	-4.72	46.2	54	-7.8
5150	64.36	PK	283	1.6	H	-2.73	61.63	74	-12.37
5150	51.15	AV	283	1.6	H	-2.73	48.42	54	-5.58
5150	64.51	PK	95	1.3	V	-2.73	61.78	74	-12.22
5150	51.26	AV	95	1.3	V	-2.73	48.53	54	-5.47
10540	42.23	PK	114	2	H	8.65	50.88	68.2	-17.32
10540	42.48	PK	21	1.4	V	8.65	51.13	68.2	-17.07
5310 MHz									
5350	66	PK	271	1.1	H	-2.33	63.67	74	-10.33
5350	52.39	AV	271	1.1	H	-2.33	50.06	54	-3.94
5350	67.28	PK	324	1.7	V	-2.33	64.95	74	-9.05
5350	52.53	AV	324	1.7	V	-2.33	50.2	54	-3.8
5460	63.68	PK	41	1.4	H	-2.26	61.42	74	-12.58
5460	51.56	AV	41	1.4	H	-2.26	49.3	54	-4.7
5460	63.82	PK	201	2.2	V	-2.26	61.56	74	-12.44
5460	51.65	AV	201	2.2	V	-2.26	49.39	54	-4.61
10620	42.59	PK	132	2.4	H	8.89	51.48	74	-22.52
10620	42.87	PK	223	1.7	V	8.89	51.76	74	-22.24
10620	42.59	PK	132	2.4	H	8.89	51.48	74	-22.52

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC20									
5260 MHz									
4500	63.2	PK	106	1.8	H	-4.72	58.48	74	-15.52
4500	50.34	AV	106	1.8	H	-4.72	45.62	54	-8.38
4500	63.31	PK	318	1.7	V	-4.72	58.59	74	-15.41
4500	50.45	AV	318	1.7	V	-4.72	45.73	54	-8.27
5150	64.4	PK	352	1.2	H	-2.73	61.67	74	-12.33
5150	50.46	AV	352	1.2	H	-2.73	47.73	54	-6.27
5150	64.54	PK	303	2.5	V	-2.73	61.81	74	-12.19
5150	50.57	AV	303	2.5	V	-2.73	47.84	54	-6.16
10520	41.7	PK	164	1.7	H	8.65	50.35	68.2	-17.85
10520	41.95	PK	188	1.5	V	8.65	50.6	68.2	-17.6
5280 MHz									
10560	42.24	PK	294	1.2	H	8.69	50.93	68.2	-17.27
10560	42.37	PK	148	1.4	V	8.69	51.06	68.2	-17.14
5320 MHz									
5350	65.84	PK	44	2.5	H	-2.33	63.51	74	-10.49
5350	51.1	AV	44	2.5	H	-2.33	48.77	54	-5.23
5350	66.47	PK	358	1.3	V	-2.33	64.14	74	-9.86
5350	51.19	AV	358	1.3	V	-2.33	48.86	54	-5.14
5460	63.37	PK	248	1.9	H	-2.26	61.11	74	-12.89
5460	51.02	AV	248	1.9	H	-2.26	48.76	54	-5.24
5460	63.49	PK	99	1.2	V	-2.26	61.23	74	-12.77
5460	51.11	AV	99	1.2	V	-2.26	48.85	54	-5.15
10640	42.36	PK	224	1.5	H	8.92	51.28	74	-22.72
10640	42.8	PK	136	2.2	V	8.92	51.72	74	-22.28

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5270 MHz									
4500	62.93	PK	290	2.3	H	-4.72	58.21	74	-15.79
4500	50.72	AV	290	2.3	H	-4.72	46	54	-8
4500	63.05	PK	76	1.2	V	-4.72	58.33	74	-15.67
4500	50.84	AV	76	1.2	V	-4.72	46.12	54	-7.88
5150	64.17	PK	103	2.4	H	-2.73	61.44	74	-12.56
5150	51.08	AV	103	2.4	H	-2.73	48.35	54	-5.65
5150	64.34	PK	48	1.9	V	-2.73	61.61	74	-12.39
5150	51.19	AV	48	1.9	V	-2.73	48.46	54	-5.54
10540	42.08	PK	8	1.9	H	8.65	50.73	68.2	-17.47
10540	42.39	PK	119	1.3	V	8.65	51.04	68.2	-17.16
5310 MHz									
5350	65.75	PK	211	2.5	H	-2.33	63.42	74	-10.58
5350	51.6	AV	211	2.5	H	-2.33	49.27	54	-4.73
5350	66.86	PK	143	1.6	V	-2.33	64.53	74	-9.47
5350	51.79	AV	143	1.6	V	-2.33	49.46	54	-4.54
5460	63.48	PK	355	2.2	H	-2.26	61.22	74	-12.78
5460	51.45	AV	355	2.2	H	-2.26	49.19	54	-4.81
5460	63.62	PK	218	2	V	-2.26	61.36	74	-12.64
5460	51.59	AV	218	2	V	-2.26	49.33	54	-4.67
10620	42.77	PK	76	1.1	H	8.89	51.66	74	-22.34
10620	42.98	PK	275	1.4	V	8.89	51.87	74	-22.13

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5290 MHz									
4500	63.34	PK	109	1.6	H	-4.72	58.62	74	-15.38
4500	51.01	AV	109	1.6	H	-4.72	46.29	54	-7.71
4500	63.45	PK	2	2.3	V	-4.72	58.73	74	-15.27
4500	51.12	AV	2	2.3	V	-4.72	46.4	54	-7.6
5150	64.6	PK	115	1.6	H	-2.73	61.87	74	-12.13
5150	51.54	AV	115	1.6	H	-2.73	48.81	54	-5.19
5150	64.81	PK	155	2.4	V	-2.73	62.08	74	-11.92
5150	51.77	AV	155	2.4	V	-2.73	49.04	54	-4.96
5350	65.67	PK	300	1.9	H	-2.33	63.34	74	-10.66
5350	52.04	AV	300	1.9	H	-2.33	49.71	54	-4.29
5350	66.49	PK	312	1.8	V	-2.33	64.16	74	-9.84
5350	52.18	AV	312	1.8	V	-2.33	49.85	54	-4.15
5460	64.17	PK	213	1.7	H	-2.26	61.91	74	-12.09
5460	51.86	AV	213	1.7	H	-2.26	49.6	54	-4.4
5460	64.31	PK	223	2.2	V	-2.26	62.05	74	-11.95
5460	51.95	AV	223	2.2	V	-2.26	49.69	54	-4.31
10580	42.75	PK	113	2.2	H	8.77	51.52	68.2	-16.68
10580	42.92	PK	89	2	V	8.77	51.69	68.2	-16.51

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX20									
5260 MHz									
4500	63.25	PK	229	2.2	H	-4.72	58.53	74	-15.47
4500	50.32	AV	229	2.2	H	-4.72	45.6	54	-8.4
4500	63.37	PK	247	1.3	V	-4.72	58.65	74	-15.35
4500	50.43	AV	247	1.3	V	-4.72	45.71	54	-8.29
5150	64.55	PK	154	1.6	H	-2.73	61.82	74	-12.18
5150	50.57	AV	154	1.6	H	-2.73	47.84	54	-6.16
5150	64.78	PK	277	2.4	V	-2.73	62.05	74	-11.95
5150	50.71	AV	277	2.4	V	-2.73	47.98	54	-6.02
10520	41.76	PK	116	2.4	H	8.65	50.41	68.2	-17.79
10520	42.03	PK	109	1.8	V	8.65	50.68	68.2	-17.52
5280 MHz									
10560	42.29	PK	127	1.2	H	8.69	50.98	68.2	-17.22
10560	42.5	PK	293	1.8	V	8.69	51.19	68.2	-17.01
5320 MHz									
5350	66.13	PK	207	1.1	H	-2.33	63.8	74	-10.2
5350	51.29	AV	207	1.1	H	-2.33	48.96	54	-5.04
5350	67.04	PK	6	2.4	V	-2.33	64.71	74	-9.29
5350	51.45	AV	6	2.4	V	-2.33	49.12	54	-4.88
5460	63.57	PK	359	1.6	H	-2.26	61.31	74	-12.69
5460	51.06	AV	359	1.6	H	-2.26	48.8	54	-5.2
5460	63.69	PK	56	1.8	V	-2.26	61.43	74	-12.57
5460	51.18	AV	56	1.8	V	-2.26	48.92	54	-5.08
10640	42.45	PK	149	1.7	H	8.92	51.37	74	-22.63
10640	42.98	PK	116	1.8	V	8.92	51.9	74	-22.1

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX40									
5270 MHz									
4500	63.25	PK	118	1.4	H	-4.72	58.53	74	-15.47
4500	51.08	AV	118	1.4	H	-4.72	46.36	54	-7.64
4500	63.34	PK	285	1	V	-4.72	58.62	74	-15.38
4500	51.19	AV	285	1	V	-4.72	46.47	54	-7.53
5150	64.47	PK	51	1.4	H	-2.73	61.74	74	-12.26
5150	51.44	AV	51	1.4	H	-2.73	48.71	54	-5.29
5150	64.68	PK	53	1.8	V	-2.73	61.95	74	-12.05
5150	51.53	AV	53	1.8	V	-2.73	48.8	54	-5.2
10540	42.24	PK	302	2.1	H	8.65	50.89	68.2	-17.31
10540	42.51	PK	43	2.4	V	8.65	51.16	68.2	-17.04
5310 MHz									
5350	68.98	PK	311	1.1	H	-2.33	66.65	74	-7.35
5350	54.83	AV	311	1.1	H	-2.33	52.5	54	-1.5
5350	69.6	PK	86	2.1	V	-2.33	67.27	74	-6.73
5350	55.04	AV	86	2.1	V	-2.33	52.71	54	-1.29
5460	63.67	PK	182	2.5	H	-2.26	61.41	74	-12.59
5460	51.58	AV	182	2.5	H	-2.26	49.32	54	-4.68
5460	63.79	PK	212	1.5	V	-2.26	61.53	74	-12.47
5460	51.66	AV	212	1.5	V	-2.26	49.4	54	-4.6
10620	42.84	PK	183	1.8	H	8.89	51.73	74	-22.27
10620	43.16	PK	173	2.5	V	8.89	52.05	74	-21.95

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX80									
5290 MHz									
4500	63.41	PK	119	2.1	H	-4.72	58.69	74	-15.31
4500	51.08	AV	119	2.1	H	-4.72	46.36	54	-7.64
4500	63.5	PK	206	1.6	V	-4.72	58.78	74	-15.22
4500	51.19	AV	206	1.6	V	-4.72	46.47	54	-7.53
5150	64.7	PK	344	2.3	H	-2.73	61.97	74	-12.03
5150	51.62	AV	344	2.3	H	-2.73	48.89	54	-5.11
5150	64.88	PK	176	1.6	V	-2.73	62.15	74	-11.85
5150	51.81	AV	176	1.6	V	-2.73	49.08	54	-4.92
5350	68.29	PK	112	2.1	H	-2.33	65.96	74	-8.04
5350	54.34	AV	112	2.1	H	-2.33	52.01	54	-1.99
5350	69.13	PK	321	2.2	V	-2.33	66.8	74	-7.2
5350	54.98	AV	321	2.2	V	-2.33	52.65	54	-1.35
5460	64.37	PK	7	1.2	H	-2.26	62.11	74	-11.89
5460	52.01	AV	7	1.2	H	-2.26	49.75	54	-4.25
5460	64.48	PK	248	1.9	V	-2.26	62.22	74	-11.78
5460	52.1	AV	248	1.9	V	-2.26	49.84	54	-4.16
10580	42.91	PK	20	1.6	H	8.77	51.68	68.2	-16.52
10580	43.12	PK	42	1.1	V	8.77	51.89	68.2	-16.31

5470-5725MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5500 MHz									
5460	64.29	PK	339	1	H	-2.26	62.03	74	-11.97
5460	51	AV	339	1	H	-2.26	48.74	54	-5.26
5460	64.38	PK	58	1.9	V	-2.26	62.12	74	-11.88
5460	51.09	AV	58	1.9	V	-2.26	48.83	54	-5.17
5470	66.32	PK	276	2.4	H	-2.22	64.1	68.2	-4.1
5470	66.77	PK	77	1.2	V	-2.22	64.55	68.2	-3.65
11000	41.17	PK	104	1.7	H	9.67	50.84	74	-23.16
11000	41.68	PK	249	1.9	V	9.67	51.35	74	-22.65
5580 MHz									
11160	42.05	PK	70	1.3	H	8.68	50.73	74	-23.27
11160	42.64	PK	209	2.4	V	8.68	51.32	74	-22.68
5700 MHz									
5725	66.81	PK	237	1.6	H	-1.96	64.85	68.2	-3.35
5725	67.63	PK	347	2.4	V	-1.96	65.67	68.2	-2.53
5745	64.77	PK	254	2.4	H	-1.91	62.86	68.2	-5.34
5745	64.91	PK	37	2.4	V	-1.91	63	68.2	-5.2
11400	45.12	PK	289	1.4	H	7.26	52.38	74	-21.62
11400	44.81	PK	1	1.3	V	7.26	52.07	74	-21.93

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5500 MHz									
5460	64.58	PK	145	1.6	H	-2.26	62.32	74	-11.68
5460	51.11	AV	145	1.6	H	-2.26	48.85	54	-5.15
5460	64.76	PK	31	2	V	-2.26	62.5	74	-11.5
5460	51.2	AV	31	2	V	-2.26	48.94	54	-5.06
5470	66.78	PK	56	2	H	-2.22	64.56	68.2	-3.64
5470	67.93	PK	28	1.9	V	-2.22	65.71	68.2	-2.49
11000	41.32	PK	349	2.1	H	9.67	50.99	74	-23.01
11000	41.64	PK	216	2.1	V	9.67	51.31	74	-22.69
5580 MHz									
11160	42.79	PK	26	1.8	H	8.68	51.47	74	-22.53
11160	43.08	PK	325	1.4	V	8.68	51.76	74	-22.24
5700 MHz									
5725	67.22	PK	261	1.5	H	-1.96	65.26	68.2	-2.94
5725	68.29	PK	68	2.2	V	-1.96	66.33	68.2	-1.87
5745	64.98	PK	330	2.5	H	-1.91	63.07	68.2	-5.13
5745	65.15	PK	287	1.9	V	-1.91	63.24	68.2	-4.96
11400	45.95	PK	60	2.2	H	7.26	53.21	74	-20.79
11400	45.33	PK	63	1.3	V	7.26	52.59	74	-21.41

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5510 MHz									
5460	64.68	PK	186	2.4	H	-2.26	62.42	74	-11.58
5460	51.4	AV	186	2.4	H	-2.26	49.14	54	-4.86
5460	64.77	PK	128	1.4	V	-2.26	62.51	74	-11.49
5460	51.49	AV	128	1.4	V	-2.26	49.23	54	-4.77
5470	66.57	PK	166	1.1	H	-2.22	64.35	68.2	-3.85
5470	67.92	PK	241	1.6	V	-2.22	65.7	68.2	-2.5
11020	41.05	PK	71	1.6	H	9.57	50.62	74	-23.38
11020	41.71	PK	35	1.2	V	9.57	51.28	74	-22.72
5550 MHz									
11100	40.99	PK	101	2.4	H	9.12	50.11	74	-23.89
11100	41.54	PK	272	2.3	V	9.12	50.66	74	-23.34
5670 MHz									
5725	66.93	PK	49	2.1	H	-1.96	64.97	68.2	-3.23
5725	67.82	PK	256	2	V	-1.96	65.86	68.2	-2.34
5745	64.93	PK	232	1.3	H	-1.91	63.02	68.2	-5.18
5745	65.22	PK	302	2.3	V	-1.91	63.31	68.2	-4.89
11340	43.98	PK	72	1	H	7.67	51.65	74	-22.35
11340	43.74	PK	218	2.2	V	7.67	51.41	74	-22.59

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC20									
5500 MHz									
5460	64.37	PK	68	2.1	H	-2.26	62.11	74	-11.89
5460	50.94	AV	68	2.1	H	-2.26	48.68	54	-5.32
5460	64.48	PK	250	1.8	V	-2.26	62.22	74	-11.78
5460	51.05	AV	250	1.8	V	-2.26	48.79	54	-5.21
5470	66.52	PK	59	2	H	-2.22	64.3	68.2	-3.9
5470	67.73	PK	6	1.8	V	-2.22	65.51	68.2	-2.69
11000	40.77	PK	165	1.7	H	9.67	50.44	74	-23.56
11000	41.03	PK	85	1.8	V	9.67	50.7	74	-23.3
5580 MHz									
11160	41.62	PK	212	2.5	H	8.68	50.3	74	-23.7
11160	41.9	PK	274	1	V	8.68	50.58	74	-23.42
5700 MHz									
5725	67.14	PK	72	1.6	H	-1.96	65.18	68.2	-3.02
5725	68.1	PK	332	1.9	V	-1.96	66.14	68.2	-2.06
5745	64.74	PK	223	2.1	H	-1.91	62.83	68.2	-5.37
5745	64.98	PK	229	1	V	-1.91	63.07	68.2	-5.13
11400	44.51	PK	126	1.6	H	7.26	51.77	74	-22.23
11400	44.16	PK	90	2.2	V	7.26	51.42	74	-22.58

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5510 MHz									
5460	64.86	PK	276	2.2	H	-2.26	62.6	74	-11.4
5460	51.45	AV	276	2.2	H	-2.26	49.19	54	-4.81
5460	64.98	PK	340	1.2	V	-2.26	62.72	74	-11.28
5460	51.57	AV	340	1.2	V	-2.26	49.31	54	-4.69
5470	67.36	PK	24	1.4	H	-2.22	65.14	68.2	-3.06
5470	68.05	PK	263	1.2	V	-2.22	65.83	68.2	-2.37
11020	40.83	PK	121	1.6	H	9.57	50.4	74	-23.6
11020	41.18	PK	176	1.6	V	9.57	50.75	74	-23.25
5550 MHz									
11100	40.84	PK	28	2.3	H	9.12	49.96	74	-24.04
11100	41.17	PK	43	1.7	V	9.12	50.29	74	-23.71
5670 MHz									
5725	66.98	PK	197	1.6	H	-1.96	65.02	68.2	-3.18
5725	68.12	PK	64	1.7	V	-1.96	66.16	68.2	-2.04
5745	65.02	PK	63	2.4	H	-1.91	63.11	68.2	-5.09
5745	65.18	PK	311	2.3	V	-1.91	63.27	68.2	-4.93
11340	43.75	PK	62	1.4	H	7.67	51.42	74	-22.58
11340	42.54	PK	94	2.4	V	7.67	50.21	74	-23.79

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5530 MHz									
5460	65	PK	76	2.5	H	-2.26	62.74	74	-11.26
5460	52.16	AV	76	2.5	H	-2.26	49.9	54	-4.1
5460	65.27	PK	310	2.1	V	-2.26	63.01	74	-10.99
5460	52.52	AV	310	2.1	V	-2.26	50.26	54	-3.74
5470	67.47	PK	240	1.6	H	-2.22	65.25	68.2	-2.95
5470	68.34	PK	70	2.2	V	-2.22	66.12	68.2	-2.08
11060	40.96	PK	226	2.5	H	9.37	50.33	74	-23.67
11060	41.3	PK	226	1.8	V	9.37	50.67	74	-23.33
5610 MHz									
5725	67.16	PK	176	2.5	H	-1.96	65.2	68.2	-3
5725	68	PK	292	1.6	V	-1.96	66.04	68.2	-2.16
5745	64.84	PK	266	2.1	H	-1.91	62.93	68.2	-5.27
5745	65.02	PK	175	1.1	V	-1.91	63.11	68.2	-5.09
11220	43.25	PK	198	2.3	H	8.33	51.58	74	-22.42
11220	42.88	PK	91	1.8	V	8.33	51.21	74	-22.79

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX20									
5500 MHz									
5460	64.91	PK	122	1.8	H	-2.26	62.65	74	-11.35
5460	51.26	AV	122	1.8	H	-2.26	49	54	-5
5460	65.02	PK	53	1.1	V	-2.26	62.76	74	-11.24
5460	51.37	AV	53	1.1	V	-2.26	49.11	54	-4.89
5470	67.95	PK	314	1.3	H	-2.22	65.73	68.2	-2.47
5470	68.86	PK	356	2.3	V	-2.22	66.64	68.2	-1.56
11000	40.96	PK	179	2.2	H	9.67	50.63	74	-23.37
11000	41.24	PK	285	2.4	V	9.67	50.91	74	-23.09
5580 MHz									
11160	41.9	PK	293	1	H	8.68	50.58	74	-23.42
11160	42.24	PK	14	1.7	V	8.68	50.92	74	-23.08
5700 MHz									
5725	67.33	PK	171	1.3	H	-1.96	65.37	68.2	-2.83
5725	68.36	PK	257	2.1	V	-1.96	66.4	68.2	-1.8
5745	64.92	PK	52	2.1	H	-1.91	63.01	68.2	-5.19
5745	65.17	PK	100	1.9	V	-1.91	63.26	68.2	-4.94
11400	44.82	PK	36	1.3	H	7.26	52.08	74	-21.92
11400	44.63	PK	338	1.1	V	7.26	51.89	74	-22.11

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX40									
5510 MHz									
5460	65.32	PK	17	1.4	H	-2.26	63.06	74	-10.94
5460	52.41	AV	17	1.4	H	-2.26	50.15	54	-3.85
5460	65.5	PK	197	2.5	V	-2.26	63.24	74	-10.76
5460	52.65	AV	197	2.5	V	-2.26	50.39	54	-3.61
5470	68.33	PK	58	2.1	H	-2.22	66.11	68.2	-2.09
5470	68.94	PK	277	2.4	V	-2.22	66.72	68.2	-1.48
11020	40.63	PK	143	2.5	H	9.57	50.2	74	-23.8
11020	40.9	PK	85	2.1	V	9.57	50.47	74	-23.53
5550 MHz									
11100	40.35	PK	98	1.9	H	9.12	49.47	74	-24.53
11100	40.73	PK	13	2	V	9.12	49.85	74	-24.15
5670 MHz									
5725	67.17	PK	245	2.2	H	-1.96	65.21	68.2	-2.99
5725	68.09	PK	255	1.8	V	-1.96	66.13	68.2	-2.07
5745	64.79	PK	44	1.1	H	-1.91	62.88	68.2	-5.32
5745	65.03	PK	144	2	V	-1.91	63.12	68.2	-5.08
11340	43.5	PK	313	2.2	H	7.67	51.17	74	-22.83
11340	43.21	PK	340	2.4	V	7.67	50.88	74	-23.12

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX80									
5530 MHz									
5460	66.41	PK	206	1.3	H	-2.26	64.15	74	-9.85
5460	54.14	AV	206	1.3	H	-2.26	51.88	54	-2.12
5460	66.68	PK	8	1.3	V	-2.26	64.42	74	-9.58
5460	54.4	AV	8	1.3	V	-2.26	52.14	54	-1.86
5470	68.28	PK	180	2.4	H	-2.22	66.06	68.2	-2.14
5470	68.81	PK	142	1	V	-2.22	66.59	68.2	-1.61
11060	40.71	PK	240	1.4	H	9.37	50.08	74	-23.92
11060	40.97	PK	79	1.9	V	9.37	50.34	74	-23.66
5610 MHz									
5725	67.02	PK	351	1.5	H	-1.96	65.06	68.2	-3.14
5725	67.85	PK	326	1.6	V	-1.96	65.89	68.2	-2.31
5745	64.65	PK	47	1.4	H	-1.91	62.74	68.2	-5.46
5745	64.79	PK	307	2.1	V	-1.91	62.88	68.2	-5.32
11220	43	PK	225	1.6	H	8.33	51.33	74	-22.67
11220	42.63	PK	195	1.4	V	8.33	50.96	74	-23.04

5725-5850 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5745 MHz									
5650	66.05	PK	53	2	H	-1.95	64.1	68.2	-4.1
5700	79.26	PK	118	1.9	H	-2.02	77.24	105.2	-27.96
5720	88.74	PK	208	2.3	H	-1.97	86.77	110.8	-24.03
5725	92.02	PK	306	1.2	H	-1.96	90.06	122.2	-32.14
5650	65.97	PK	338	1.6	V	-1.95	64.02	68.2	-4.18
5700	77.72	PK	211	1.6	V	-2.02	75.7	105.2	-29.5
5720	88.22	PK	162	2.2	V	-1.97	86.25	110.8	-24.55
5725	90.09	PK	200	1.9	V	-1.96	88.13	122.2	-34.07
11490	45.69	PK	42	2.1	H	6.63	52.32	74	-21.68
11490	44.78	PK	307	2.3	V	6.63	51.41	74	-22.59
5785 MHz									
11570	46.39	PK	169	1.3	H	6.59	52.98	74	-21.02
11570	45.4	PK	345	1.7	V	6.59	51.99	74	-22.01
5825 MHz									
5850	86.36	PK	163	1.3	H	-1.81	84.55	122.2	-37.65
5855	84.36	PK	146	1.7	H	-1.82	82.54	110.8	-28.26
5875	75.44	PK	150	1.2	H	-1.84	73.6	105.2	-31.6
5925	66.65	PK	29	1.7	H	-1.82	64.83	68.2	-3.37
5850	85.3	PK	29	2.5	V	-1.81	83.49	122.2	-38.71
5855	83.02	PK	171	1.6	V	-1.82	81.2	110.8	-29.6
5875	73.75	PK	135	1.3	V	-1.84	71.91	105.2	-33.29
5925	66.56	PK	24	1.4	V	-1.82	64.74	68.2	-3.46
11650	44.69	PK	220	1.7	H	6.77	51.46	74	-22.54
11650	43.63	PK	320	1.3	V	6.77	50.4	74	-23.6

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5745 MHz									
5650	66.19	PK	359	2.5	H	-1.95	64.24	68.2	-3.96
5700	76.84	PK	279	2.3	H	-2.02	74.82	105.2	-30.38
5720	86.93	PK	300	1.6	H	-1.97	84.96	110.8	-25.84
5725	92.64	PK	74	2.5	H	-1.96	90.68	122.2	-31.52
5650	66.1	PK	312	1.4	V	-1.95	64.15	68.2	-4.05
5700	75.45	PK	279	2	V	-2.02	73.43	105.2	-31.77
5720	85.68	PK	286	1.2	V	-1.97	83.71	110.8	-27.09
5725	90.48	PK	100	1	V	-1.96	88.52	122.2	-33.68
11490	45.33	PK	234	2.5	H	6.63	51.96	74	-22.04
11490	44.88	PK	110	2.2	V	6.63	51.51	74	-22.49
5785 MHz									
11570	45.87	PK	253	2.4	H	6.59	52.46	74	-21.54
11570	45.2	PK	12	1.5	V	6.59	51.79	74	-22.21
5825 MHz									
5850	88.1	PK	339	2.5	H	-1.81	86.29	122.2	-35.91
5855	85	PK	173	2.1	H	-1.82	83.18	110.8	-27.62
5875	75.68	PK	9	2.5	H	-1.84	73.84	105.2	-31.36
5925	66.74	PK	71	1.6	H	-1.82	64.92	68.2	-3.28
5850	86.45	PK	166	1	V	-1.81	84.64	122.2	-37.56
5855	83.58	PK	259	1.6	V	-1.82	81.76	110.8	-29.04
5875	73.89	PK	237	1.8	V	-1.84	72.05	105.2	-33.15
5925	66.65	PK	229	2.4	V	-1.82	64.83	68.2	-3.37
11650	44.15	PK	124	1.3	H	6.77	50.92	74	-23.08
11650	43.6	PK	229	1.8	V	6.77	50.37	74	-23.63

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5755 MHz									
5650	65.8	PK	51	2.5	H	-1.95	63.85	68.2	-4.35
5700	67.15	PK	279	2.5	H	-2.02	65.13	105.2	-40.07
5720	70.3	PK	23	1.3	H	-1.97	68.33	110.8	-42.47
5725	71.62	PK	171	2.3	H	-1.96	69.66	122.2	-52.54
5650	65.68	PK	130	1	V	-1.95	63.73	68.2	-4.47
5700	66.99	PK	256	1.8	V	-2.02	64.97	105.2	-40.23
5720	69.71	PK	130	2.1	V	-1.97	67.74	110.8	-43.06
5725	70.31	PK	120	2.3	V	-1.96	68.35	122.2	-53.85
11510	44.85	PK	127	1.9	H	6.59	51.44	74	-22.56
11510	44.24	PK	282	2.1	V	6.59	50.83	74	-23.17
5795 MHz									
5850	68.42	PK	166	2.2	H	-1.81	66.61	122.2	-55.59
5855	67.97	PK	7	1.4	H	-1.82	66.15	110.8	-44.65
5875	67.38	PK	329	1.6	H	-1.84	65.54	105.2	-39.66
5925	66.58	PK	190	2	H	-1.82	64.76	68.2	-3.44
5850	68.03	PK	63	1.4	V	-1.81	66.22	122.2	-55.98
5855	67.55	PK	23	1	V	-1.82	65.73	110.8	-45.07
5875	67.18	PK	156	1.5	V	-1.84	65.34	105.2	-39.86
5925	66.47	PK	117	1.6	V	-1.82	64.65	68.2	-3.55
11590	45.4	PK	235	1.1	H	6.57	51.97	74	-22.03
11590	44.76	PK	124	2.2	V	6.57	51.33	74	-22.67

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC20									
5745 MHz									
5650	66.37	PK	46	2	H	-1.95	64.42	68.2	-3.78
5700	77.4	PK	303	1.4	H	-2.02	75.38	105.2	-29.82
5720	87.28	PK	206	2.2	H	-1.97	85.31	110.8	-25.49
5725	92.19	PK	133	2.4	H	-1.96	90.23	122.2	-31.97
5650	66.26	PK	143	1.4	V	-1.95	64.31	68.2	-3.89
5700	75.46	PK	290	1.2	V	-2.02	73.44	105.2	-31.76
5720	85.15	PK	248	1.1	V	-1.97	83.18	110.8	-27.62
5725	90.73	PK	355	2.1	V	-1.96	88.77	122.2	-33.43
11490	45.36	PK	58	1.2	H	6.63	51.99	74	-22.01
11490	44.8	PK	277	1.2	V	6.63	51.43	74	-22.57
5785 MHz									
11570	46.14	PK	131	2.4	H	6.59	52.73	74	-21.27
11570	45.15	PK	277	2	V	6.59	51.74	74	-22.26
5825MHz									
5850	89.09	PK	14	2.3	H	-1.81	87.28	122.2	-34.92
5855	85.37	PK	284	1.2	H	-1.82	83.55	110.8	-27.25
5875	78.13	PK	182	1.5	H	-1.84	76.29	105.2	-28.91
5925	66.77	PK	191	1.1	H	-1.82	64.95	68.2	-3.25
5850	86.5	PK	129	1.7	V	-1.81	84.69	122.2	-37.51
5855	84.46	PK	270	2.2	V	-1.82	82.64	110.8	-28.16
5875	76.07	PK	311	1.2	V	-1.84	74.23	105.2	-30.97
5925	66.68	PK	125	1.8	V	-1.82	64.86	68.2	-3.34
11650	44.27	PK	286	1	H	6.77	51.04	74	-22.96
11650	43.52	PK	123	1.2	V	6.77	50.29	74	-23.71

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5755MHz									
5650	65.92	PK	262	2	H	-1.95	63.97	68.2	-4.23
5700	67.63	PK	73	2.4	H	-2.02	65.61	105.2	-39.59
5720	70.68	PK	151	1.7	H	-1.97	68.71	110.8	-42.09
5725	72.1	PK	243	2.1	H	-1.96	70.14	122.2	-52.06
5650	65.81	PK	66	1.6	V	-1.95	63.86	68.2	-4.34
5700	67.14	PK	62	2.2	V	-2.02	65.12	105.2	-40.08
5720	69.87	PK	189	2	V	-1.97	67.9	110.8	-42.9
5725	71.03	PK	73	2.3	V	-1.96	69.07	122.2	-53.13
11510	44.92	PK	13	1.2	H	6.59	51.51	74	-22.49
11510	44.63	PK	72	2.4	V	6.59	51.22	74	-22.78
5795MHz									
5850	69.05	PK	303	1.6	H	-1.81	67.24	122.2	-54.96
5855	68.15	PK	69	1.2	H	-1.82	66.33	110.8	-44.47
5875	67.66	PK	223	1.7	H	-1.84	65.82	105.2	-39.38
5925	66.63	PK	278	2.1	H	-1.82	64.81	68.2	-3.39
5850	68.26	PK	349	1.2	V	-1.81	66.45	122.2	-55.75
5855	67.73	PK	235	1.5	V	-1.82	65.91	110.8	-44.89
5875	67.34	PK	90	2.4	V	-1.84	65.5	105.2	-39.7
5925	66.54	PK	66	1.5	V	-1.82	64.72	68.2	-3.48
11590	45.71	PK	66	2	H	6.57	52.28	74	-21.72
11590	44.89	PK	269	1.5	V	6.57	51.46	74	-22.54

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC80									
5775MHz									
5650	66.27	PK	206	2.3	H	-1.95	64.32	68.2	-3.88
5700	71.76	PK	194	1.3	H	-2.02	69.74	105.2	-35.46
5720	72.77	PK	132	1.1	H	-1.97	70.8	110.8	-40
5725	73.59	PK	241	1.4	H	-1.96	71.63	122.2	-50.57
5650	66.14	PK	154	1.2	V	-1.95	64.19	68.2	-4.01
5700	69.86	PK	248	1.2	V	-2.02	67.84	105.2	-37.36
5720	70.27	PK	291	2.3	V	-1.97	68.3	110.8	-42.5
5725	71.88	PK	216	1.3	V	-1.96	69.92	122.2	-52.28
5850	70.82	PK	264	1.3	H	-1.81	69.01	122.2	-53.19
5855	69.6	PK	43	1	H	-1.82	67.78	110.8	-43.02
5875	68.19	PK	196	1	H	-1.84	66.35	105.2	-38.85
5925	66.71	PK	286	2.2	H	-1.82	64.89	68.2	-3.31
5850	69.95	PK	185	1.1	V	-1.81	68.14	122.2	-54.06
5855	68.87	PK	272	1.6	V	-1.82	67.05	110.8	-43.75
5875	67.66	PK	357	2.1	V	-1.84	65.82	105.2	-39.38
5925	66.61	PK	90	1.9	V	-1.82	64.79	68.2	-3.41
11550	45.43	PK	69	1.5	H	6.61	52.04	74	-21.96
11550	45.15	PK	290	2.1	V	6.61	51.76	74	-22.24

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX20									
5745 MHz									
5650	68.19	PK	264	2.1	H	-1.95	66.24	68.2	-1.96
5700	81.93	PK	119	1.5	H	-2.02	79.91	105.2	-25.29
5720	89.69	PK	310	1.3	H	-1.97	87.72	110.8	-23.08
5725	94.46	PK	162	1.4	H	-1.96	92.5	122.2	-29.7
5650	67.62	PK	189	2.4	V	-1.95	65.67	68.2	-2.53
5700	80.42	PK	258	1.9	V	-2.02	78.4	105.2	-26.8
5720	88.5	PK	100	1.2	V	-1.97	86.53	110.8	-24.27
5725	93.24	PK	154	1.8	V	-1.96	91.28	122.2	-30.92
11490	45.12	PK	187	1.9	H	6.63	51.75	74	-22.25
11490	44.57	PK	188	1.9	V	6.63	51.2	74	-22.8
5785 MHz									
11570	45.55	PK	266	2.1	H	6.59	52.14	74	-21.86
11570	45.06	PK	290	1.8	V	6.59	51.65	74	-22.35
5825 MHz									
5850	91.65	PK	64	2.2	H	-1.81	89.84	122.2	-32.36
5855	88.73	PK	227	1.2	H	-1.82	86.91	110.8	-23.89
5875	79.86	PK	281	1.1	H	-1.84	78.02	105.2	-27.18
5925	68.58	PK	108	2.5	H	-1.82	66.76	68.2	-1.44
5850	90.7	PK	50	1.2	V	-1.81	88.89	122.2	-33.31
5855	86.68	PK	126	2.5	V	-1.82	84.86	110.8	-25.94
5875	77.59	PK	184	1.3	V	-1.84	75.75	105.2	-29.45
5925	67.64	PK	244	2.2	V	-1.82	65.82	68.2	-2.38
11650	43.87	PK	348	2.2	H	6.77	50.64	74	-23.36
11650	43.4	PK	343	1.5	V	6.77	50.17	74	-23.83

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX40									
5755 MHz									
5650	66.29	PK	227	1.3	H	-1.95	64.34	68.2	-3.86
5700	67.9	PK	24	1.6	H	-2.02	65.88	105.2	-39.32
5720	71.14	PK	65	1	H	-1.97	69.17	110.8	-41.63
5725	72.59	PK	293	1.4	H	-1.96	70.63	122.2	-51.57
5650	66.18	PK	176	2.1	V	-1.95	64.23	68.2	-3.97
5700	67.53	PK	299	2.4	V	-2.02	65.51	105.2	-39.69
5720	70.11	PK	45	1.3	V	-1.97	68.14	110.8	-42.66
5725	71.33	PK	25	2.3	V	-1.96	69.37	122.2	-52.83
11510	45.14	PK	138	1.3	H	6.59	51.73	74	-22.27
11510	45.35	PK	353	1.5	V	6.59	51.94	74	-22.06
5795 MHz									
5850	69.43	PK	121	1.4	H	-1.81	67.62	122.2	-54.58
5855	68.55	PK	125	2	H	-1.82	66.73	110.8	-44.07
5875	67.93	PK	178	1.9	H	-1.84	66.09	105.2	-39.11
5925	66.7	PK	345	2	H	-1.82	64.88	68.2	-3.32
5850	68.86	PK	61	2	V	-1.81	67.05	122.2	-55.15
5855	68.08	PK	345	2.2	V	-1.82	66.26	110.8	-44.54
5875	67.63	PK	68	2.1	V	-1.84	65.79	105.2	-39.41
5925	66.59	PK	143	1.1	V	-1.82	64.77	68.2	-3.43
11590	45.62	PK	336	1.6	H	6.57	52.19	74	-21.81
11590	45.1	PK	351	1.8	V	6.57	51.67	74	-22.33

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AX80									
5775 MHz									
5650	66.38	PK	353	1.4	H	-1.95	64.43	68.2	-3.77
5700	72.54	PK	312	2.4	H	-2.02	70.52	105.2	-34.68
5720	73.24	PK	190	1.8	H	-1.97	71.27	110.8	-39.53
5725	74.64	PK	278	1.2	H	-1.96	72.68	122.2	-49.52
5650	66.26	PK	129	1.6	V	-1.95	64.31	68.2	-3.89
5700	70.65	PK	88	2	V	-2.02	68.63	105.2	-36.57
5720	71.41	PK	333	1.1	V	-1.97	69.44	110.8	-41.36
5725	72.73	PK	303	1.5	V	-1.96	70.77	122.2	-51.43
5850	72.03	PK	26	1.8	H	-1.81	70.22	122.2	-51.98
5855	70.87	PK	186	2.4	H	-1.82	69.05	110.8	-41.75
5875	68.6	PK	134	1.9	H	-1.84	66.76	105.2	-38.44
5925	66.8	PK	206	1.8	H	-1.82	64.98	68.2	-3.22
5850	70.54	PK	230	1.6	V	-1.81	68.73	122.2	-53.47
5855	69.64	PK	10	1.3	V	-1.82	67.82	110.8	-42.98
5875	67.99	PK	202	2.5	V	-1.84	66.15	105.2	-39.05
5925	66.69	PK	162	2	V	-1.82	64.87	68.2	-3.33
11550	45.64	PK	30	1.5	H	6.61	52.25	74	-21.75
11550	45.33	PK	247	1.6	V	6.61	51.94	74	-22.06

Note:

Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

Absolute Level (Corrected Amplitude) = Factor + Reading

Margin = Absolute Level (Corrected Amplitude) – Limit

The other spurious emission which is in the noise floor level was not recorded.

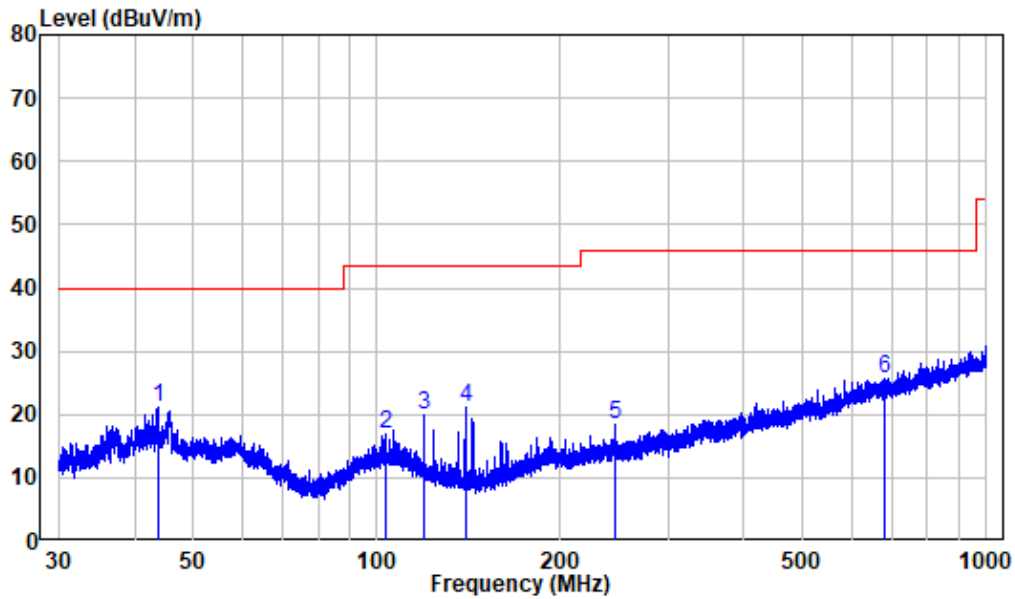
The test result of peak was less than the limit of average, so just peak value were recorded.

For PCB Antenna:

30 MHz – 1 GHz:

Note: When the test result of Peak was less than the limit of QP more than 6dB, just the peak level was recorded

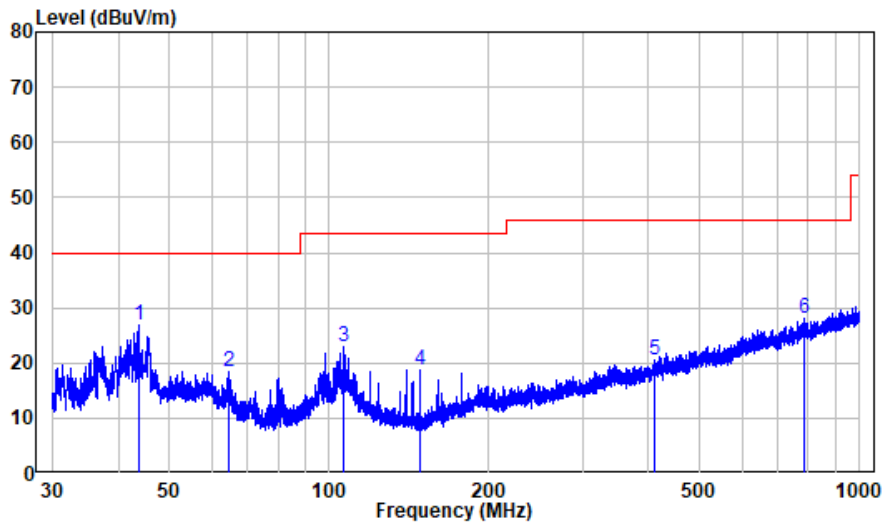
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZNS220511-19727E-RF
 Test Mode: 5G WIFI

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.793	-9.91	31.05	21.14	40.00	-18.86	Peak
2	103.125	-11.66	28.48	16.82	43.50	-26.68	Peak
3	119.593	-13.46	33.24	19.78	43.50	-23.72	Peak
4	139.545	-15.43	36.44	21.01	43.50	-22.49	Peak
5	245.198	-10.58	29.11	18.53	46.00	-27.47	Peak
6	679.960	-1.50	27.28	25.78	46.00	-20.22	Peak

Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZNS220511-19727E-RF
 Test Mode: 5G WIFI

	Read	Limit	Over				
Freq	Level	Level	Line	Limit Remark			
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB		
1	43.774	-9.91	36.72	26.81	40.00	-13.19	Peak
2	64.773	-12.43	30.79	18.36	40.00	-21.64	Peak
3	106.712	-11.95	35.02	23.07	43.50	-20.43	Peak
4	148.311	-15.36	34.01	18.65	43.50	-24.85	Peak
5	412.005	-6.29	26.70	20.41	46.00	-25.59	Peak
6	785.438	-0.04	28.21	28.17	46.00	-17.83	Peak

5150-5250 MHz:

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11a_Ant1 (Worst case)									
5180 MHz									
4500	64	PK	328	1.1	H	-4.72	59.28	74	-14.72
4500	51.34	AV	328	1.1	H	-4.72	46.62	54	-7.38
4500	63.92	PK	61	1.9	V	-4.72	59.2	74	-14.8
4500	50.76	AV	61	1.9	V	-4.72	46.04	54	-7.96
5150	66.31	PK	133	1.1	H	-2.73	63.58	74	-10.42
5150	51.27	AV	133	1.1	H	-2.73	48.54	54	-5.46
5150	63.59	PK	108	2.2	V	-2.73	60.86	74	-13.14
5150	50.86	AV	108	2.2	V	-2.73	48.13	54	-5.87
10360	42.54	PK	199	1.1	H	8.12	50.66	68.2	-17.54
10360	42.71	PK	223	1.1	V	8.12	50.83	68.2	-17.37
5200 MHz									
10400	42.27	PK	187	1.7	H	8.24	50.51	68.2	-17.69
10400	42.39	PK	249	1.4	V	8.24	50.63	68.2	-17.57
5240 MHz									
5350	63.59	PK	267	1.4	H	-2.33	61.26	74	-12.74
5350	51.77	AV	267	1.4	H	-2.33	49.44	54	-4.56
5350	63.74	PK	125	1.4	V	-2.33	61.41	74	-12.59
5350	51.73	AV	125	1.4	V	-2.33	49.4	54	-4.6
5460	63.43	PK	358	1.9	H	-2.26	61.17	74	-12.83
5460	51.05	AV	358	1.9	H	-2.26	48.79	54	-5.21
5460	63.61	PK	347	1.4	V	-2.26	61.35	74	-12.65
5460	51.04	AV	347	1.4	V	-2.26	48.78	54	-5.22
10480	41.47	PK	231	1.3	H	8.56	50.03	68.2	-18.17
10480	41.25	PK	269	2.3	V	8.56	49.81	68.2	-18.39

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11n20									
5180 MHz									
4500	63.63	PK	139	1.6	H	-4.72	58.91	74	-15.09
4500	50.82	AV	139	1.6	H	-4.72	46.1	54	-7.9
4500	64.02	PK	329	1.6	V	-4.72	59.3	74	-14.7
4500	50.73	AV	329	1.6	V	-4.72	46.01	54	-7.99
5150	65.12	PK	351	1.3	H	-2.73	62.39	74	-11.61
5150	51.48	AV	351	1.3	H	-2.73	48.75	54	-5.25
5150	62.71	PK	231	1.9	V	-2.73	59.98	74	-14.02
5150	50.76	AV	231	1.9	V	-2.73	48.03	54	-5.97
10360	42.22	PK	99	1.7	H	8.12	50.34	68.2	-17.86
10360	42.01	PK	125	2.4	V	8.12	50.13	68.2	-18.07
5200 MHz									
10400	42.77	PK	22	1.9	H	8.24	51.01	68.2	-17.19
10400	42.77	PK	54	1.5	V	8.24	51.01	68.2	-17.19
5240 MHz									
5350	63.82	PK	271	2.4	H	-2.33	61.49	74	-12.51
5350	51.52	AV	271	2.4	H	-2.33	49.19	54	-4.81
5350	63.88	PK	241	2.2	V	-2.33	61.55	74	-12.45
5350	51.46	AV	241	2.2	V	-2.33	49.13	54	-4.87
5460	63.48	PK	19	2.2	H	-2.26	61.22	74	-12.78
5460	50.9	AV	19	2.2	H	-2.26	48.64	54	-5.36
5460	63.36	PK	224	2.2	V	-2.26	61.1	74	-12.9
5460	51.09	AV	224	2.2	V	-2.26	48.83	54	-5.17
10480	41.28	PK	207	2.3	H	8.56	49.84	68.2	-18.36
10480	42.09	PK	297	2.4	V	8.56	50.65	68.2	-17.55

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	PK/Ave		Height (m)	Polar (H/V)				
802.11N40									
5190 MHz									
4500	63.57	PK	75	2.3	H	-4.72	58.85	74	-15.15
4500	51.19	AV	75	2.3	H	-4.72	46.47	54	-7.53
4500	63.65	PK	284	1.6	V	-4.72	58.93	74	-15.07
4500	51.17	AV	284	1.6	V	-4.72	46.45	54	-7.55
5150	64.63	PK	38	1.4	H	-2.73	61.9	74	-12.1
5150	51.55	AV	38	1.4	H	-2.73	48.82	54	-5.18
5150	62.8	PK	105	1	V	-2.73	60.07	74	-13.93
5150	51.07	AV	105	1	V	-2.73	48.34	54	-5.66
10380	42.63	PK	110	1.6	H	8.18	50.81	68.2	-17.39
10380	42.45	PK	262	2	V	8.18	50.63	68.2	-17.57
5230 MHz									
5350	63.5	PK	7	1.6	H	-2.33	61.17	74	-12.83
5350	51.55	AV	7	1.6	H	-2.33	49.22	54	-4.78
5350	63.61	PK	99	1.1	V	-2.33	61.28	74	-12.72
5350	51.53	AV	99	1.1	V	-2.33	49.2	54	-4.8
5460	63.4	PK	333	2.2	H	-2.26	61.14	74	-12.86
5460	51.35	AV	333	2.2	H	-2.26	49.09	54	-4.91
5460	63.29	PK	212	1.5	V	-2.26	61.03	74	-12.97
5460	51.26	AV	212	1.5	V	-2.26	49	54	-5
10460	41.77	PK	219	2	H	8.47	50.24	68.2	-17.96
10460	41.48	PK	234	1.7	V	8.47	49.95	68.2	-18.25

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC20									
5180 MHz									
4500	63.79	PK	77	2	H	-4.72	59.07	74	-14.93
4500	50.78	AV	77	2	H	-4.72	46.06	54	-7.94
4500	63.87	PK	170	1.5	V	-4.72	59.15	74	-14.85
4500	50.58	AV	170	1.5	V	-4.72	45.86	54	-8.14
5150	65.38	PK	337	2.2	H	-2.73	62.65	74	-11.35
5150	51.23	AV	337	2.2	H	-2.73	48.5	54	-5.5
5150	63.57	PK	349	2.2	V	-2.73	60.84	74	-13.16
5150	50.99	AV	349	2.2	V	-2.73	48.26	54	-5.74
10360	41.94	PK	210	1.3	H	8.12	50.06	68.2	-18.14
10360	42.48	PK	334	2.4	V	8.12	50.6	68.2	-17.6
5200 MHz									
10400	42	PK	211	2	H	8.24	50.24	68.2	-17.96
10400	42.45	PK	353	2.4	V	8.24	50.69	68.2	-17.51
5240 MHz									
5350	63.85	PK	327	1.9	H	-2.33	61.52	74	-12.48
5350	51.61	AV	327	1.9	H	-2.33	49.28	54	-4.72
5350	63.76	PK	250	2.4	V	-2.33	61.43	74	-12.57
5350	51.47	AV	250	2.4	V	-2.33	49.14	54	-4.86
5460	63.42	PK	242	2	H	-2.26	61.16	74	-12.84
5460	51.26	AV	242	2	H	-2.26	49	54	-5
5460	63.29	PK	328	1.6	V	-2.26	61.03	74	-12.97
5460	51.28	AV	328	1.6	V	-2.26	49.02	54	-4.98
10480	41.97	PK	120	1.1	H	8.56	50.53	68.2	-17.67
10480	41.29	PK	128	1.8	V	8.56	49.85	68.2	-18.35

Frequency (MHz)	Receiver		Turntable Angle Degree	Rx Antenna		Factor (dB/m)	Absolute Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
	Reading (dB μ V)	PK/Ave		Height (m)	Polar (H/V)				
802.11AC40									
5190 MHz									
4500	63.95	PK	129	1.3	H	-4.72	59.23	74	-14.77
4500	51.33	AV	129	1.3	H	-4.72	46.61	54	-7.39
4500	63.63	PK	37	1.5	V	-4.72	58.91	74	-15.09
4500	51.07	AV	37	1.5	V	-4.72	46.35	54	-7.65
5150	62.79	PK	143	1.2	H	-2.73	60.06	74	-13.94
5150	50.81	AV	143	1.2	H	-2.73	48.08	54	-5.92
5150	63.11	PK	313	1.6	V	-2.73	60.38	74	-13.62
5150	51.1	AV	313	1.6	V	-2.73	48.37	54	-5.63
10380	41.93	PK	46	1.3	H	8.18	50.11	68.2	-18.09
10380	41.8	PK	292	1.1	V	8.18	49.98	68.2	-18.22
5230 MHz									
5350	63.55	PK	243	1.5	H	-2.33	61.22	74	-12.78
5350	51.81	AV	243	1.5	H	-2.33	49.48	54	-4.52
5350	63.49	PK	7	2.3	V	-2.33	61.16	74	-12.84
5350	51.65	AV	7	2.3	V	-2.33	49.32	54	-4.68
5460	63.29	PK	319	2.2	H	-2.26	61.03	74	-12.97
5460	51.19	AV	319	2.2	H	-2.26	48.93	54	-5.07
5460	63.35	PK	340	1.2	V	-2.26	61.09	74	-12.91
5460	51.38	AV	340	1.2	V	-2.26	49.12	54	-4.88
10460	41.44	PK	274	1.4	H	8.47	49.91	68.2	-18.29
10460	41.35	PK	97	1.8	V	8.47	49.82	68.2	-18.38