FCC TEST REPORT

(Part 15, Subpart E)

Applicant:	Bluebird Inc.
Address:	3F, 115, Irwon-ro, Gangnam-gu, Seoul, Republic of Korea

Manufacturer or Supplier:	Bluebird Inc.
Address:	3F, 115, Irwon-ro, Gangnam-gu, Seoul, Republic of Korea
Product:	Enterprise Full Touch Handheld Computer
Brand Name:	Bluebird
Model Name:	S50/S70
FCC ID:	SS4S50W1
Date of tests:	May. 11, 2024 ~ Jul. 04, 2025

The tests have been carried out according to the requirements of the following standard:

☒ **FCC Part 15, Subpart E, Section 15.407**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Hanwen Xu	Approved by Peibo Sun
Engineer / Mobile Department	Manager / Mobile Department
Date: Jul. 04, 2025	Date: Jul. 04, 2025

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
PSU-NQN2412310215RF02	Original release	Jul. 04, 2025

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPART E			
STANDARD SECTION	**TEST TYPE AND LIMIT**	**RESULT**	**TEST LAB***
15.407(b)(9)	AC Power Conducted Emission	Compliance	B
15.407(b) (1/2/3/4/5)	Radiated Emission & Band Edge Measurement	Compliance	B
15.407(a/1/2/3)	Maximum conducted output Power	Compliance	A
15.407(a/1/2/3)	Peak Power Spectral Density	Compliance	A
15.407(a)(2)(12)	26 dB Bandwidth	Compliance	A
15.407(e)	6 dB Bandwidth	Compliance	A
15.203	Antenna Requirement	Compliance	A

NOTE:

1. Except the data of RSE and Band Edge Measurement, other data please refer to Appendix B.
2. Preliminary Investigation scans were completed to compare Full RU Tone modes and Single User Tone modes. It was found that SU modes were the worst case over Full RU-Tone mode in every instance, and the physical waveforms of SU mode and FULL RU-Tone are the same, and both FULL RU-Tone mode have lower power than SU mode. Therefore, only SU mode was report as it is representative of Full RU-Tone worst case scenario.
3. RLAN 5G supports SISO&MIMO mode，the whole testing has assessed the MIMO mode by referring to their maximum conducted power. and the 802.11ax HE40/80/160MHz RU26T/52T/106T/242T modes are cover by the 11ax HE20MHz modes, the 802.11ax HE80/160MHz RU484T modes are cover by the 11ax HE40MHz modes, the 802.11ax HE160MHz RU996T modes are cover by the 11ax HE80MHz modes.
4. For 802.11n HT20/ ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing is assessed only 802.11n HT20/ HT40 by referring to their higher conducted power.
5. Only the worse data was reported.
6. The data of this report refers to report: W7L-P24040002RF02(Model name: S50/S70, FCC ID: SS4S50F1). The difference between the reference model (FCC ID: SS4S50F1) with the variant model (FCC ID: SS4S50W1) is the variant model removed the WWAN module, for specific details, please refer to Declaration of Differences letter provided by the Applicant. This report verify power and RSE worst case. This report only replaces 802.11ac(160MHz)_CH50 power and the data of RSE worst case(802.11ac(160MHz)_CH50& 802.11ax(40MHz)_CH62& 802.11ac(160MHz)_CH114& 802.11n40(MHz)_CH151), other data is copied from report W7L-P24040002RF02(Model name: S50/S70, FCC ID: SS4S50F1).

***Test Lab Information Reference**

Lab A:

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Lab Address:

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Accredited Test Lab Cert 3939.01

The FCC Site Registration No. : 525120; Designation No. : CN1171;

Lab B:

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province, China

Accredited Test Lab Cert 6613.01

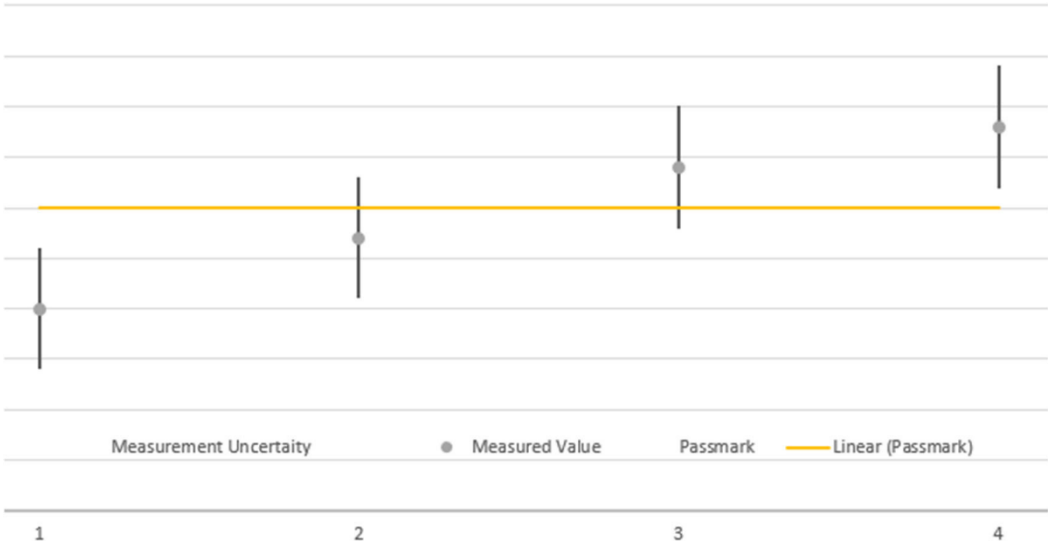
The FCC Site Registration No. is 434559; The Designation No. is CN1325.

1.1 MEASUREMENT UNCERTAINTY

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

MEASUREMENT	UNCERTAINTY
AC Power Conducted emissions	±2.70dB
Radiated emissions (9KHz~30MHz)	±2.68dB
Radiated emissions (30MHz~1GHz)	±4.98dB
Radiated emissions (1GHz ~6GHz)	±4.70dB
Radiated emissions (6GHz ~18GHz)	±4.60dB
Radiated emissions (18GHz ~40GHz)	±4.12dB
Conducted emissions	±4.01dB
Occupied Channel Bandwidth	±43.58KHz
Conducted Output power	±2.06dB
Power Spectral Density	±0.85 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT*	Enterprise Full Touch Handheld Computer
BRAND NAME*	Bluebird
MODEL NAME*	S50/S70
NOMINAL VOLTAGE*	5Vdc (Adapter) 3.85Vdc (Battery)
MODULATION *	OFDM, OFDMA
TRANSFER RATE*	802.11a: 54.0/ 48.0/ 36.0/ 24.0/ 18.0/ 12.0/ 9.0/ 6.0Mbps 802.11n: up to 300.0Mbps 802.11ac: up to 1732Mbps 802.11ax: up to 2402Mbps
OPERATING FREQUENCY*	5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz
NUMBER OF CHANNEL	5180 ~ 5240MHz: 4 for 802.11a, 802.11n/ac/ax (20MHz)/ 802.11ax(20M RU 26/52/106/242) 2 for 802.11n/ac/ax (40MHz)/ 802.11ax(40M RU 484) 1 for 802.11ac/ax (80MHz)/ 802.11ax(80MRU996) 1 for 802.11ac/ax (160MHz)/ 802.11ax(160MRU996) 5260 ~ 5320MHz: 4 for 802.11a, 802.11n/ac/ax (20MHz)/ 802.11ax(20M RU 26/52/106/242) 2 for 802.11n/ac/ax (40MHz)/ 802.11ax(40M RU 484) 1 for 802.11ac/ax (80MHz)/ 802.11ax(80M RU 996) 5500 ~ 5720MHz: 12 for 802.11a, 802.11n/ac/ax (20MHz)/ 802.11ax(20M RU 26/52/106/242) 6 for 802.11n/ac/ax (40MHz)/ 802.11ax(40M RU 484) 3 for 802.11ac/ax (80MHz)/ 802.11ax(80M RU 996) 1 for 802.11ac/ax (160MHz)/ 802.11ax(160MRU996) 5745 ~ 5825MHz: 5 for 802.11a, 802.11n/ac/ax (20MHz)/ 802.11ax(20M RU 26/52/106/242) 2 for 802.11n/ac/ax (40MHz)/ 802.11ax(40M RU 484) 1 for 802.11ac/ax (80MHz)/ 802.11ax(80MRU

	996)
MAX. OUTPUT POWER	33.81mW for 5180 ~ 5240MHz 34.12mW for 5260 ~ 5320MHz 40.18mW for 5500 ~ 5720MHz 34.51mW for 5745 ~ 5825MHz
ANTENNA TYPE*	Internal Antenna
ANTENNA GAIN*	ANT 8: 2.75dBi for 5180 ~ 5240MHz 3.27dBi for 5260 ~ 5320MHz 5.25dBi for 5500 ~ 5720MHz 5.25dBi for 5745 ~ 5825MHz ANT 9: 3.15dBi for 5180 ~ 5240MHz 3.15dBi for 5260 ~ 5320MHz 3.32dBi for 5500 ~ 5720MHz 3.32dBi for 5745 ~ 5825MHz
HW VERSION*	REV0.1
SW VERSION*	R1.17
I/O PORTS*	Refer to user's manual
CABLE SUPPLIED*	N/A

NOTE:

1. ***Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, Test Lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.
2. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
3. The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitter and two receiver.

MODULATION MODE	TX FUNCTION
802.11a	2TX/2RX
802.11n/802.11ac/ax (20MHz)	2TX/2RX
802.11n/802.11ac/ax (40MHz)	2TX/2RX
802.11ac/ax (80MHz)	2TX/2RX
802.11ax (20MHz RU 26/52/106/242)	2TX/2RX
802.11ax (40MHz RU 484)	2TX/2RX
802.11ax (80MHz RU 996)	2TX/2RX
802.11ax (160MHz RU 996)	2TX/2RX

4. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

5. Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.

6. The only difference between model S50 and model S70 is the external rubber shell as below:

2.2 DESCRIPTION OF TEST MODES

FOR 5180 ~ 5240MHz

4 channels are provided for 802.11a, 802.11n, 802.11ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n, 802.11ac/ax (40MHz)/ 802.11ax (40MHz RU 484):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
42	5210 MHz		

1 channel is provided for 802.11ac/ax (160MHz)/ 802.11ax (160MHz RU 996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
50	5250 MHz		

FOR 5260 ~ 5320MHz

4 channels are provided for 802.11a, 802.11n, 802.11ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
52	5260 MHz	60	5300 MHz
56	5280 MHz	64	5320 MHz

2 channels are provided for 802.11n, 802.11ac/ax (40MHz)/ 802.11ax (40MHz RU 484):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
58	5290 MHz		

FOR 5500 ~ 5720MHz

12 channels are provided for 802.11a, 802.11n, 802.11ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
100	5500 MHz	124	5620MHz
104	5520 MHz	128	5640MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz	144	5720 MHz

6 channels are provided for 802.11n, 802.11ac/ax (40MHz)/ 802.11ax (40MHz RU 484):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
102	5510 MHz	126	5630MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	142	5710 MHz

3 channel is provided for 802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
106	5530 MHz	122	5610 MHz
138	5690 MHz		

1 channel is provided for 802.11ac/ax (160MHz)/ 802.11ax (160MHz RU 996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
114	5570 MHz		

FOR 5745 ~ 5825MHz

5 channels are provided for 802.11a, 802.11n, 802.11ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz		

3 channels are provided for 802.11n, 802.11ac/ax (40MHz)/ 802.11ax (40MHz RU 484):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
142	5710 MHz	159	5795 MHz
151	5755 MHz		

2 channel is provided for 802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
138	5690 MHz	155	5775 MHz

2.2.1 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE≥1G	RE<1G	PLC	APCM	
A	√	√	√	-	**Powered by Adapter with wifi(5G) link**
B	-	-	-	√	Powered by Battery with wifi(5G) link
C	-	-	-	-	Powered by USB with wifi(5G) link

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

NOTE:
The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane.**
NOTE: "-"means no effect

RADIATED EMISSION TEST (BELOW 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
☒ The following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
A	802.11ac (160MHz)	5500-5720	114	114	OFDM	MCS0

RADIATED EMISSION TEST (ABOVE 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ The following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
A	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0
A	802.11n/ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242)		36 to 48	36, 40, 48	OFDM, OFDMA	MCS0
A	802.11n/ac/ax (40MHz)/ 802.11ax (40MHz RU 484)		38 to 46	38, 46	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996)		42	42	OFDM, OFDMA	MCS0
A	802.11ac/ax (160MHz) 802.11ac/ax (160MHz RU 996)		50	50	OFDM, OFDMA	MCS0
A	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0
A	802.11n/ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242)		52 to 64	52, 60, 64	OFDM, OFDMA	MCS0
A	802.11n/ac/ax (40MHz)/ 802.11ax (40MHz RU 484)		54 to 62	54, 62	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996)		58	58	OFDM, OFDMA	MCS0
A	802.11a	5500-5720	100 to 144	100, 116, 144	OFDM	6.0
A	802.11n/ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242)		100 to 144	100, 116, 144	OFDM, OFDMA	MCS0
A	802.11n/ac/ax (40MHz)/ 802.11ax (40MHz RU 484)		102 to 142	102, 118, 142	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996)		106 to 138	106, 138	OFDM, OFDMA	MCS0
A	802.11ac/ax (160MHz) 802.11ac/ax (160MHz RU 996)		114	114	OFDM, OFDMA	MCS0
A	802.11a	5745-5825	149 to 165	149, 157,165	OFDM	6.0
A	802.11n/ac/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106/242)		149 to 165	149, 157,165	OFDM, OFDMA	MCS0
A	802.11n/ac/ax (40MHz)/ 802.11ax (40MHz RU 484)		151 to 159	151, 159	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)/ 802.11ax (80MHz RU 996)		155	155	OFDM, OFDMA	MCS0

POWER LINE CONDUCTED EMISSION TEST:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ The following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
A	802.11ac (160MHz)	5500-5720	114	114	OFDM	MCS0

BANDEDGE MEASUREMENT:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ The following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
A	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		36 to 48	36, 40, 48	OFDM, OFDMA	MCS0
A	802.11n/ax (40MHz)		38 to 46	38, 46	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		42	42	OFDM, OFDMA	MCS0
A	802.11ac/ax (160MHz)		50	50	OFDM, OFDMA	MCS0
A	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		52 to 64	52, 60, 64	OFDM, OFDMA	MCS0
A	802.11n/ax (40MHz)		54 to 62	54, 62	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		58	58	OFDM, OFDMA	MCS0
A	802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		100 to 144	100, 116, 140, 144	OFDM, OFDMA	MCS0
A	802.11n/ax (40MHz)		102 to 142	102, 110, 134,142	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		106 to 138	106, 122, 138	OFDM, OFDMA	MCS0
A	802.11ac/ax (160MHz)		114	114	OFDM, OFDMA	MCS0
A	802.11a	5745-5825	149 to 165	149, 157,165	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		149 to 165	149, 157,165	OFDM, OFDMA	MCS0

A	802.11n/ax (40MHz)		151 to 159	151, 159	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		155	155	OFDM, OFDMA	MCS0

ANTENNA PORT CONDUCTED MEASUREMENT:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ The following channel(s) was (were) selected for the final test as listed below.

☒ Only the power test item is tested for the FULL RU(802.11ax RU 242/484/996/2*996), the remaining test items are configured as follows.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
A	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		36 to 48	36, 40, 48	OFDM, OFDMA	MCS0
A	802.11n/ax (40MHz)		38 to 46	38, 46	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		42	42	OFDM, OFDMA	MCS0
A	802.11ac/ax (160MHz)		50	50	OFDM, OFDMA	MCS0
A	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		52 to 64	52, 60, 64	OFDM, OFDMA	MCS0
A	802.11n/ax (40MHz)		54 to 62	54, 62	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		58	58	OFDM, OFDMA	MCS0
A	802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		100 to 144	100, 116, 140, 144	OFDM, OFDMA	MCS0
A	802.11n/ax (40MHz)		102 to 142	102, 110, 134,142	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		106 to 138	106, 122, 138	OFDM, OFDMA	MCS0
A	802.11ac/ax (160MHz)		114	114	OFDM, OFDMA	MCS0
A	802.11a	5745-5825	149 to 165	149, 157,165	OFDM	6.0
A	802.11n/ax (20MHz)/ 802.11ax (20MHz RU 26/52/106)		149 to 165	149, 157,165	OFDM, OFDMA	MCS0
A	802.11n/ax (40MHz)		151 to 159	151, 159	OFDM, OFDMA	MCS0
A	802.11ac/ax (80MHz)		155	155	OFDM, OFDMA	MCS0

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE<1G	23deg. C, 70%RH	DC 5V By Adapter	Hanwen Xu
RE≥1G	23deg. C, 70%RH	DC 5V By Adapter	Hanwen Xu
PLC	25deg. C, 52%RH	DC 5V By Adapter	James Fu
APCM	25deg. C, 60%RH	DC 3.85V By Battery	James Fu

2.3 DUTY CYCLE OF TEST SIGNAL

Please Refer to Appendix B Of this test report.

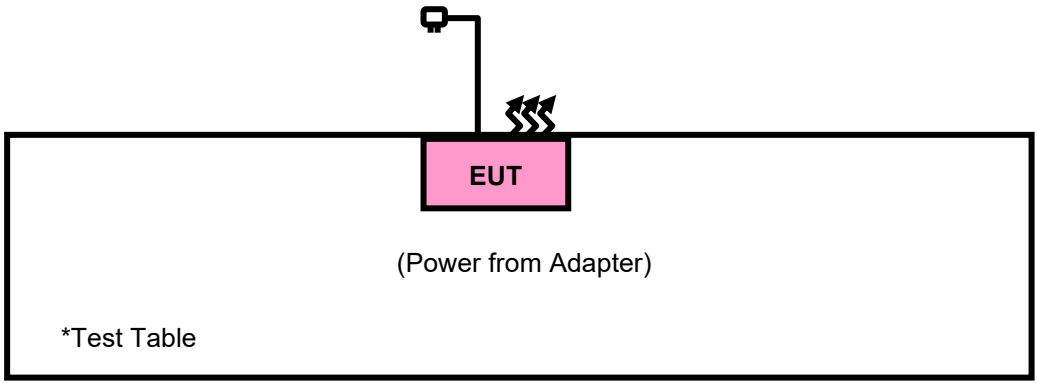
2.4 DESCRIPTION OF SUPPORT UNITS

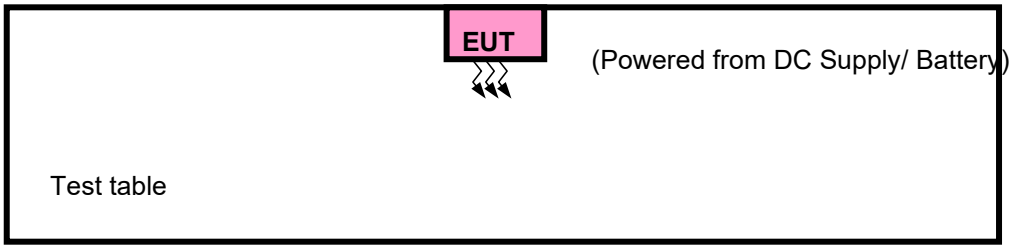
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

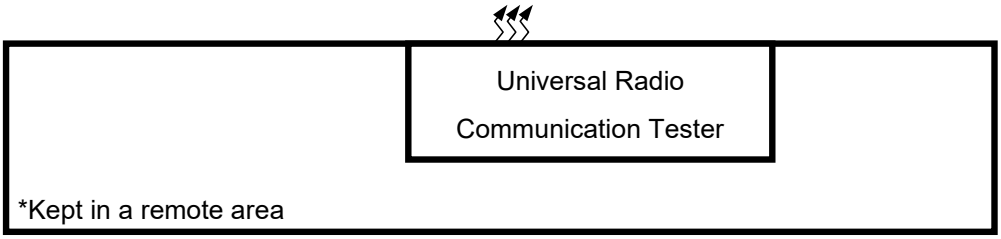
NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	Desktop	Lenovo	M73 SFF	PC04GRQV	N/A
2	Desktop	Lenovo	M73 SFF	PC06CS27	N/A
3	Laptop	Lenovo	ThinkpadL440	R90FTFKN	N/A
4	DC source	Kikusui/JP	PMX18-5A	0000001	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	AC Line: Unshielded, Detachable 1.5m
2	AC Line: Unshielded, Detachable 1.5m
3	AC Line: Unshielded, Detachable 1.5m
4	DC Line: Unshielded, Detachable 1.0m

2.4.1 CONFIGURATION OF SYSTEM UNDER TEST







2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart E (15.407)
KDB 789033 D02 General U-NII Test Procedures New Rules v02r01
ANSI C63.10-2020

All test items have been performed and recorded as per the above standards.

NOTE: The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (Certification). The test report has been issued separately.

3 TEST TYPES AND RESULTS

3.1 RADIATED EMISSION AND BANDEDGE MEASUREMENT

3.1.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

FREQUENCIES (MHz)	FIELD STRENGTH (microvolts/meter)	MEASUREMENT DISTANCE (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

3.1.2 LIMITS OF UNWANTED EMISSION

<table>
<tr><td rowspan="2">RESTRICTED BANDS</td><td>APPLICABLE TO</td><td colspan="2">LIMIT</td></tr>
<tr><td rowspan="2">789033 D02 General UNII Test Procedures New Rules v02r01</td><td colspan="2">FIELD STRENGTH AT 3m (dBµV/m)</td></tr>
<tr><td>PK : 74</td><td>AV : 54</td></tr>
<tr><td rowspan="5">OUT OF THE RESTRICTED BANDS</td><td>APPLICABLE TO</td><td>EIRP LIMIT (dBm/MHz)</td><td>EQUIVALENT FIELD STRENGTH AT 3m (dBµV/m)</td></tr>
<tr><td>15.407(b)(1)</td><td rowspan="3">PK : -27</td><td rowspan="3">PK : 68.2</td></tr>
<tr><td>15.407(b)(2)</td></tr>
<tr><td>15.407(b)(3)</td></tr>
<tr><td>15.407(b)(4)</td><td colspan="2">See note 2 (FCC 16-24)</td></tr>
</table>

NOTE: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts).

2. 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.

3.1.3 TEST INSTRUMENTS

Lab A:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn-CT0001143-1216	Nov. 14,23	Nov. 13,26
Bilog Antenna	ETS-LINDGREN	3143B	00161965	Feb. 18,24	Feb. 17,25
Horn Antenna	ETS-LINDGREN	3117	00168692	Feb. 18,24	Feb. 17,25
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K-SG/QMS-00361	15433	Sep.04, 23	Sep.03, 24
Test Software	E3	V 9.160323	N/A	N/A	N/A
Test Software	JS1120-3	3.2.06	N/A	N/A	N/A
10dB Attenuator	JFW/USA	50HF-010-SMA	N/A	May. 06,24	May. 05,25
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Mar. 28,24	Mar. 27,25
Signal Pre-Amplifier	EMSI	EMC 9135	980249	May. 06,24	May. 05,25
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	May. 10,24	May. 09,25
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb. 17,24	Feb. 16,25
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 12,23	Aug. 11,24
Power Meter	Anritsu	ML2495A	1506002	Feb. 14,24	Feb. 13,25
Power Sensor	Anritsu	MA2411B	1339352	Feb. 14,24	Feb. 13,25
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep.03,23	Sep.02,24

NOTE: 1. The calibration interval of the above test instruments is 12 months or 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in 3m Chamber.

3. The FCC Site Registration No. is 525120; The Designation No. is CN1171.

Lab B:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Pre-Amplifier	R&S	SCU18F1	100815	Aug.30,22	Aug.29,24
Pre-Amplifier	R&S	SCU18F1	100815	Aug.29,24	Aug.28,26
Pre-Amplifier	R&S	SCU08F1	101028	Sep.16,22	Sep.15,24
Pre-Amplifier	R&S	SCU08F1	101028	Sep.15,24	Sep.14,26
Signal Generator	R&S	SMB100A	182185	Feb.16,24	Feb.15,26
3m Fully-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-01Chamber	Nov.25,22	Nov.24,25
3m Semi-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-02Chamber	Nov.25,22	Nov.24,25
EMI TEST Receiver	R&S	ESW44	101973	Feb.25,24	Feb.24,26
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Feb.28,24	Feb.27,26
Horn Antenna	ETS-LINDGREN	3117	227836	Aug.22,24	Aug.21,26
Horn Antenna (18GHz-40GHz)	Steatite Q-par Antennas	QMS 00880	23486	Feb.23,24	Feb.22,26
Horn Antenna	Steatite Q-par Antennas	QMS 00208	23485	Aug.22,22	Aug.21,24
Horn Antenna	Steatite Q-par Antennas	QMS 00208	23485	Aug.21,24	Aug.20,26
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.23,24	Feb.22,26
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.27,22	Jun.26,24
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.26,24	Jun.25,26
Test Software	ELEKTRA	ELEKTRA4.32	N/A	N/A	N/A
Open Switch and Control Unit	R&S	OSP220	101964	N/A	N/A
DC Source	HYELEC	HY3010B	551016	Aug.31,22	Aug.30,24
DC Source	HYELEC	HY3010B	551016	Aug.30,24	Aug.29,26
Hygrothermograph	DELI	20210528	SZ014	Sep.06,22	Sep.05,24
Hygrothermograph	DELI	20210528	SZ014	Sep.05,24	Sep.04,26
6DB attenuator	Tonscend Technology Co., Ltd	N/A	23062787	N/A	N/A
PC	LENOVO	E14	HRSW0024	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-7.00M	N/A	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-4.00M	N/A	N/A	N/A
CABLE	R&S	W13.02	N/A	Apr.28,24	Apr.27,25
CABLE	R&S	W13.02	N/A	Apr.27,25	Apr.26,26
CABLE	R&S	W12.14	N/A	Apr.28,24	Apr.27,25
CABLE	R&S	W12.14	N/A	Apr.27,25	Apr.26,26

NOTE: 1. The calibration interval of the above test instruments is 12/ 24/ 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.

3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.

4. The FCC Site Registration No. is 434559; The Designation No. is CN1325.

3.1.4 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3-meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise, the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTE:

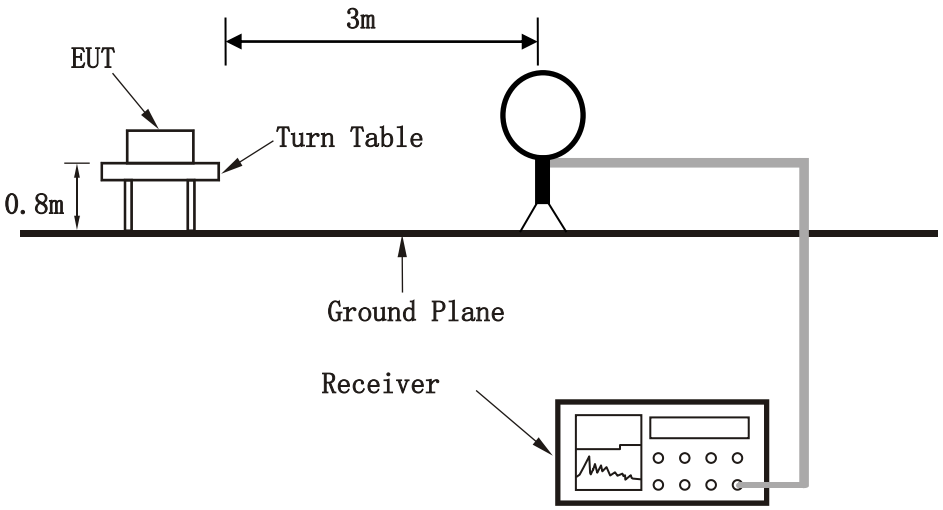
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor (10 log(1/duty cycle)).
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
5. All modes of operation were investigated, and the worst-case emissions are reported.

3.1.5 DEVIATION FROM TEST STANDARD

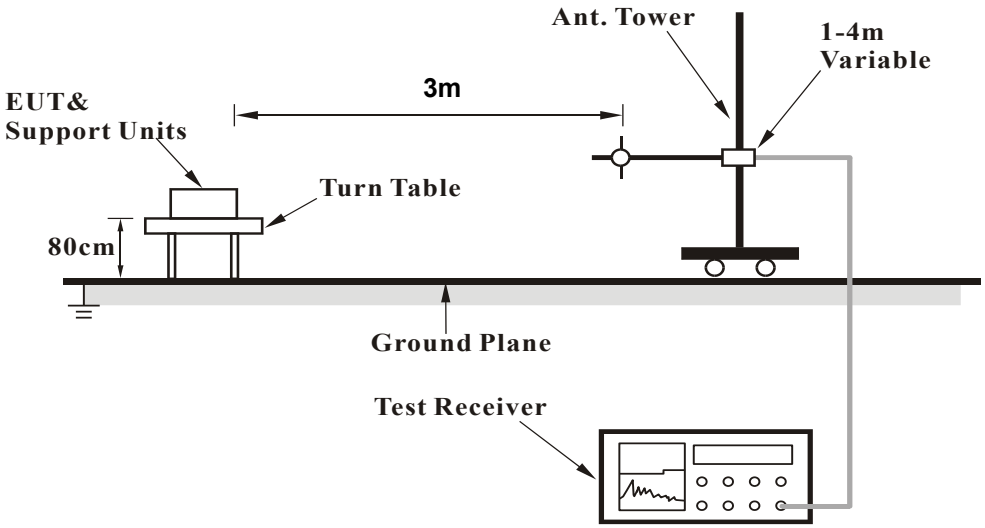
No deviation.

3.1.6 TEST SETUP

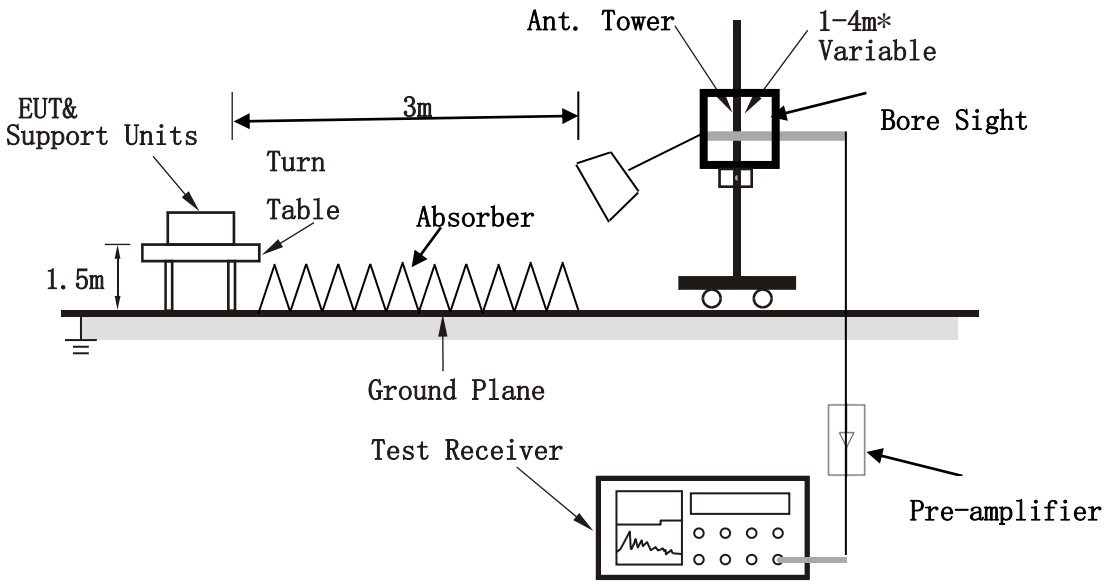
<Frequency Range 9KHz~30MHz >



< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna

Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.1.7 EUT OPERATING CONDITION

a. Set the EUT under full load condition and placed them on a testing table.

b. Set the transmitter part of EUT under transmission condition continuously at specific channel frequency.

c. The necessary accessories enable the EUT in full functions.

3.1.8 TEST RESULTS

NOTE ： The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

30 MHz – 1GHz data:

Band 3

802.11ac (160MHz):

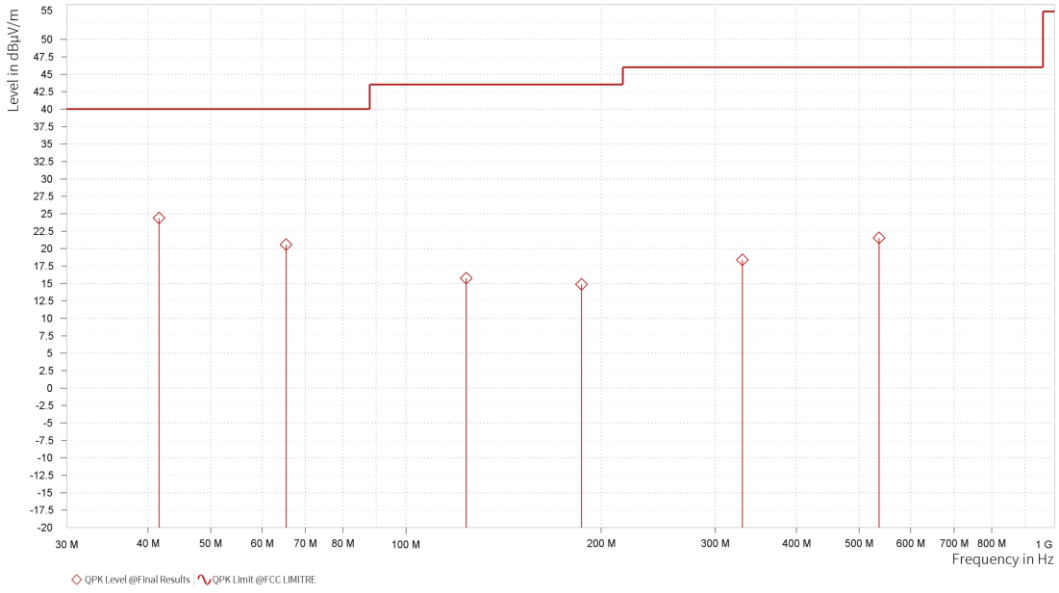
CHANNEL	TX Channel 114	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	QPK Level [dBµV/m]	QPK Limit [dBµV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]
1	41.640	24.35	40.00	15.65	-9.57	H	355.1	2.00	120.000
1	65.357	20.55	40.00	19.45	-11.58	H	316	1.00	120.000
1	123.848	15.74	43.50	27.76	-13.40	H	45.1	2.00	120.000
1	186.558	14.88	43.50	28.62	-11.75	H	355.1	2.00	120.000
1	330.167	18.40	46.00	27.60	-5.07	H	155.8	1.00	120.000
1	536.340	21.51	46.00	24.49	-2.88	H	45.1	2.00	120.000

REMARKS:

1. Emission level (dBuV/m) = Read level (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level.



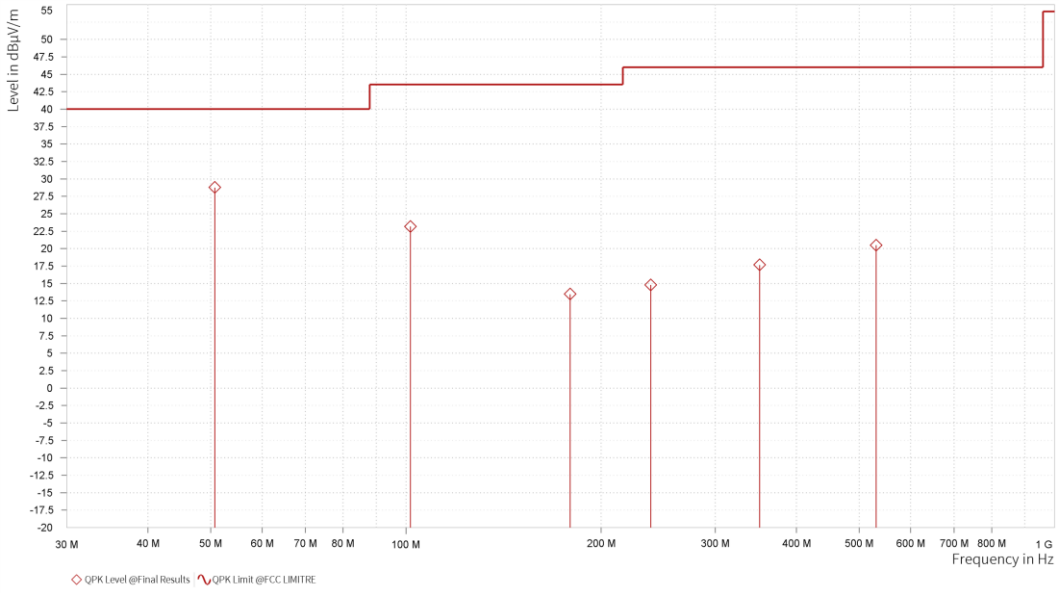
CHANNEL	Channel 114	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	QPK Level [dBµV/m]	QPK Limit [dBµV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]
1	50.758	28.76	40.00	11.24	-9.99	V	318.4	1.00	120.000
1	101.635	23.16	43.50	20.34	-11.13	V	318.4	1.00	120.000
1	179.186	13.48	43.50	30.02	-12.38	V	72.6	2.00	120.000
1	238.356	14.79	46.00	31.21	-9.21	V	160.6	1.00	120.000
1	350.876	17.66	46.00	28.34	-4.29	V	318.4	1.00	120.000
1	530.617	20.48	46.00	25.52	-3.03	V	318.4	1.00	120.000

REMARKS:

1. Emission level (dBuV/m) = Read level (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level.



ABOVE 1GHz WORST-CASE DATA:

Note: For higher frequency, the emission is too low to be detected.

Band 1

802.11a

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,147.800	40.05	54.00	13.95	3.38	H	244.6	1.00
1	5,150.000	39.83	54.00	14.17	3.38	H	244.6	1.00
1	5,179.300	92.91			3.59	H	244.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,146.450	53.59	74.00	20.41	3.37	H	19.6	2.00
1	5,150.000	52.93	74.00	21.07	3.38	H	241	1.00
1	5,178.850	103.79			3.58	H	117.8	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,144.650	39.22	54.00	14.78	3.36	V	5	1.00
1	5,150.000	38.77	54.00	15.23	3.38	V	5	1.00
1	5,178.400	88.69			3.58	V	315.2	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,146.900	53.30	74.00	20.70	3.37	V	5.1	1.00
1	5,150.000	52.12	74.00	21.88	3.38	V	5.1	1.00
1	5,179.300	101.14			3.59	V	116.6	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,144.500	38.39	54.00	15.61	3.36	H	280.3	1.00
2	5,150.000	38.20	54.00	15.80	3.38	H	280.3	1.00
2	5,198.800	94.52			3.70	H	44.9	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,120.200	53.16	74.00	20.84	3.24	H	213.5	2.00
2	5,150.000	51.36	74.00	22.64	3.39	H	164.6	2.00
2	5,199.100	105.84			3.70	H	213.5	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,134.600	37.87	54.00	16.13	3.31	V	264.9	2.00
2	5,150.000	37.76	54.00	16.24	3.38	V	264.9	2.00
2	5,202.100	89.89			3.70	V	314	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,141.800	52.80	74.00	21.20	3.35	V	215.8	2.00
2	5,150.000	51.40	74.00	22.60	3.39	V	359	2.00
2	5,199.700	102.05			3.70	V	91.6	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,146.000	37.79	54.00	16.21	3.37	H	122.6	2.00
3	5,150.000	37.65	54.00	16.35	3.38	H	1.7	2.00
3	5,241.625	91.23			3.57	H	280.4	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,132.500	52.90	74.00	21.10	3.30	H	1.9	2.00
3	5,150.000	51.57	74.00	22.43	3.38	H	359.1	1.00
3	5,239.000	104.92			3.57	H	315.2	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,134.000	37.70	54.00	16.30	3.31	V	336.5	1.00
3	5,150.000	37.60	54.00	16.40	3.38	V	266.1	2.00
3	5,237.500	89.92			3.58	V	316.3	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,126.125	52.60	74.00	21.40	3.27	V	335.4	1.00
3	5,150.000	51.31	74.00	22.69	3.38	V	94.1	1.00
3	5,241.250	100.08			3.57	V	354.9	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11n (20MHz)

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.700	40.28	54.00	13.72	3.38	H	44.9	1.00
1	5,150.000	40.25	54.00	13.75	3.38	H	44.9	1.00
1	5,183.350	91.44			3.61	H	44.9	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,141.950	53.37	74.00	20.63	3.35	H	45	1.00
1	5,150.000	53.22	74.00	20.78	3.38	H	45	1.00
1	5,178.850	104.25			3.58	H	315.1	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,144.650	39.28	54.00	14.72	3.36	V	269.6	1.00
1	5,150.000	39.13	54.00	14.87	3.38	V	5.1	1.00
1	5,181.100	90.63			3.60	V	115.4	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,136.550	53.54	74.00	20.46	3.32	V	115.5	2.00
1	5,150.000	52.22	74.00	21.78	3.38	V	44.9	1.00
1	5,178.400	102.94			3.58	V	115.5	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,146.600	38.54	54.00	15.46	3.37	H	109.5	2.00
2	5,150.000	38.43	54.00	15.57	3.38	H	109.5	2.00
2	5,198.800	92.90			3.70	H	109.5	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,138.200	53.13	74.00	20.87	3.33	H	249.4	2.00
2	5,150.000	52.77	74.00	21.23	3.39	H	244.6	1.00
2	5,201.200	103.96			3.70	H	244.6	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,135.800	38.30	54.00	15.70	3.32	V	113.1	2.00
2	5,150.000	37.82	54.00	16.18	3.38	V	357.7	1.00
2	5,195.800	91.47			3.70	V	314	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,119.600	52.65	74.00	21.35	3.24	V	115.4	2.00
2	5,150.000	50.87	74.00	23.13	3.38	V	359	2.00
2	5,201.500	101.19			3.70	V	359	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,132.500	37.76	54.00	16.24	3.30	H	116.7	2.00
3	5,150.000	37.68	54.00	16.32	3.38	H	44.9	1.00
3	5,239.000	92.37			3.57	H	116.7	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,144.875	52.74	74.00	21.26	3.36	H	1	2.00
3	5,150.000	51.74	74.00	22.26	3.38	H	319.9	1.00
3	5,239.375	104.12			3.57	H	116.7	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,148.250	37.92	54.00	16.08	3.38	V	115.4	2.00
3	5,150.000	37.72	54.00	16.28	3.38	V	115.4	2.00
3	5,236.000	90.35			3.58	V	315.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,112.625	52.90	74.00	21.10	3.20	V	1	2.00
3	5,150.000	51.21	74.00	22.79	3.38	V	116.6	2.00
3	5,238.250	103.63			3.58	V	48.6	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11n (40MHz)

CHANNEL	TX Channel 38	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,147.500	46.72	54.00	7.28	3.37	H	77.9	1.00
1	5,150.000	45.50	54.00	8.50	3.39	H	77.9	1.00
1	5,178.000	92.00			3.58	H	255.9	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,146.500	59.86	74.00	14.14	3.37	H	75.8	1.00
1	5,150.000	57.39	74.00	16.61	3.39	H	329	1.00
1	5,178.500	103.06			3.58	H	75.8	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,149.500	47.26	54.00	6.74	3.38	V	52.8	1.00
1	5,150.000	47.24	54.00	6.76	3.39	V	52.8	1.00
1	5,177.000	89.97			3.57	V	283.3	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,139.000	58.92	74.00	15.08	3.33	V	151.9	1.00
1	5,150.000	58.36	74.00	15.64	3.39	V	76	1.00
1	5,181.500	101.30			3.60	V	126.8	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5190MHz: Fundamental frequency.

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,145.350	38.62	54.00	15.38	3.36	H	203.9	1.00
2	5,150.000	38.59	54.00	15.41	3.39	H	203.9	1.00
2	5,234.950	90.71			3.59	H	333.4	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,145.700	54.10	74.00	19.90	3.36	H	282.6	2.00
2	5,150.000	52.77	74.00	21.23	3.39	H	107.2	2.00
2	5,226.900	103.21			3.61	H	180.7	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,149.200	38.69	54.00	15.31	3.38	V	27.8	1.00
2	5,150.000	38.70	54.00	15.30	3.39	V	27.8	1.00
2	5,225.150	89.76			3.62	V	27.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,132.050	52.90	74.00	21.10	3.30	V	349	1.00
2	5,150.000	53.06	74.00	20.94	3.39	V	359	1.00
2	5,226.900	100.47			3.61	V	307.8	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5230MHz: Fundamental frequency.

802.11ac (20MHz)

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,146.450	39.55	54.00	14.45	3.37	H	315.2	2.00
1	5,150.000	39.23	54.00	14.77	3.38	H	315.2	2.00
1	5,182.450	91.58			3.61	H	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,147.350	53.66	74.00	20.34	3.37	H	235	1.00
1	5,150.000	52.04	74.00	21.96	3.38	H	286.3	1.00
1	5,178.400	102.43			3.58	H	235	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,149.600	38.52	54.00	15.48	3.38	V	264.9	2.00
1	5,150.000	38.52	54.00	15.48	3.38	V	264.9	2.00
1	5,181.550	89.42			3.60	V	264.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,145.550	54.44	74.00	19.56	3.36	V	299.6	2.00
1	5,150.000	53.43	74.00	20.57	3.38	V	299.6	2.00
1	5,177.950	102.87			3.58	V	249.4	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,146.600	37.96	54.00	16.04	3.37	H	356.6	1.00
2	5,150.000	37.90	54.00	16.10	3.38	H	359.1	1.00
2	5,197.300	91.28			3.70	H	48.5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,143.000	52.84	74.00	21.16	3.35	H	359	1.00
2	5,150.000	51.89	74.00	22.11	3.38	H	359	1.00
2	5,202.400	103.61			3.69	H	354.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,146.600	38.66	54.00	15.34	3.37	V	46.1	1.00
2	5,150.000	38.35	54.00	15.65	3.38	V	225.5	2.00
2	5,200.900	91.91			3.70	V	297.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,115.700	53.13	74.00	20.87	3.22	V	0.9	2.00
2	5,150.000	51.89	74.00	22.11	3.38	V	0.9	2.00
2	5,198.800	103.24			3.70	V	114.3	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,147.125	37.81	54.00	16.19	3.37	H	109.6	2.00
3	5,150.000	37.63	54.00	16.37	3.38	H	109.6	2.00
3	5,239.000	92.14			3.57	H	46.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,135.125	52.91	74.00	21.09	3.31	H	5	1.00
3	5,150.000	50.78	74.00	23.22	3.38	H	1.4	2.00
3	5,244.630	101.55			3.56	H	355.6	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,134.375	37.83	54.00	16.17	3.31	V	114.3	2.00
3	5,150.000	37.68	54.00	16.32	3.38	V	46.2	1.00
3	5,237.125	93.65			3.58	V	46.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,120.875	52.99	74.00	21.01	3.24	V	164.5	2.00
3	5,150.000	51.49	74.00	22.51	3.38	V	212.2	2.00
3	5,238.630	104.72			3.58	V	46.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11ac (40MHz)

CHANNEL	TX Channel 38	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,149.500	49.81	54.00	4.19	3.38	H	223	2.00
1	5,150.000	50.21	54.00	3.79	3.39	H	223	2.00
1	5,192.000	89.02			3.67	H	223	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,149.000	67.22	74.00	6.78	3.38	H	306.1	2.00
1	5,150.000	66.79	74.00	7.21	3.39	H	306.1	2.00
1	5,184.000	100.49			3.62	H	293.5	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.000	48.29	54.00	5.71	3.38	V	285.7	1.00
1	5,150.000	48.86	54.00	5.14	3.39	V	79.2	2.00
1	5,193.500	87.64			3.68	V	180.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.500	64.88	74.00	9.12	3.38	V	331.7	1.00
1	5,150.000	64.83	74.00	9.17	3.39	V	79.1	2.00
1	5,187.500	100.79			3.64	V	281.5	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5190MHz: Fundamental frequency.

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,149.550	38.21	54.00	15.79	3.38	H	235	1.00
2	5,150.000	38.06	54.00	15.94	3.39	H	235	1.00
2	5,228.300	90.61			3.61	H	235	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,134.150	52.71	74.00	21.29	3.31	H	77.8	2.00
2	5,150.000	52.26	74.00	21.74	3.39	H	155	2.00
2	5,235.300	100.83			3.59	H	332.8	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,148.500	38.01	54.00	15.99	3.38	V	134	1.00
2	5,150.000	37.91	54.00	16.09	3.39	V	134	1.00
2	5,227.600	89.08			3.61	V	286.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,133.800	52.68	74.00	21.32	3.31	V	227.2	2.00
2	5,150.000	51.20	74.00	22.80	3.39	V	13.4	2.00
2	5,227.600	99.82			3.61	V	253.4	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5230MHz: Fundamental frequency.

802.11ac (80MHz)

CHANNEL	TX Channel 42	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,148.675	47.57	54.00	6.43	3.38	H	252.9	1.00
10	5,150.000	47.41	54.00	6.59	3.39	H	252.9	1.00
10	5,206.900	87.46			3.68	H	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,146.550	68.20	74.00	5.80	3.37	H	312.8	2.00
10	5,150.000	68.77	74.00	5.23	3.39	H	312.8	2.00
10	5,205.625	98.12			3.68	H	50.9	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,148.675	48.55	54.00	5.45	3.38	V	98.8	1.00
10	5,150.000	48.32	54.00	5.68	3.38	V	98.8	1.00
10	5,206.475	86.27			3.68	V	359	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,149.525	61.15	74.00	12.85	3.38	V	250.6	1.00
10	5,150.000	60.91	74.00	13.09	3.38	V	250.6	1.00
10	5,208.600	97.58			3.67	V	250.6	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5210MHz: Fundamental frequency.

802.11ac (160MHz)

CHANNEL	TX Channel 50	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,124.875	63.56	74.00	10.44	11.73	H	195.3	1.00
6	5,150.000	60.40	74.00	13.60	11.76	H	195.3	1.00
6	5,247.813	98.70			11.94	H	298.5	2.00
6	5,350.000	61.85	74.00	12.15	12.17	H	259.8	1.00
6	5,386.500	65.49	74.00	8.51	12.17	H	195.3	1.00

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,117.000	47.03	54.00	6.97	11.72	H	195.8	2.00
6	5,150.000	42.76	54.00	11.24	11.76	H	195.8	2.00
6	5,238.625	83.03			11.93	H	53	1.00
6	5,350.000	49.22	54.00	4.78	12.17	H	306.9	2.00
6	5,365.938	50.18	54.00	3.82	12.17	H	306.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,141.938	63.00	74.00	11.00	11.75	V	193	1.00
6	5,150.000	59.21	74.00	14.79	11.76	V	193	1.00
6	5,246.938	99.67			11.94	V	193	1.00
6	5,350.000	61.65	74.00	12.35	12.17	V	193	1.00
6	5,369.875	64.10	74.00	9.90	12.17	V	193	1.00

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,116.563	47.51	54.00	6.49	11.72	V	172.6	1.00
6	5,150.000	45.04	54.00	8.96	11.76	V	172.6	1.00
6	5,254.813	84.70			11.95	V	172.6	1.00
6	5,350.000	47.58	54.00	6.42	12.17	V	172.6	1.00
6	5,369.438	49.42	54.00	4.58	12.17	V	228.7	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5250MHz: Fundamental frequency.

802.11ax (20MHz)

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.700	39.46	54.00	14.54	3.38	H	312.7	2.00
1	5,150.000	39.53	54.00	14.47	3.38	H	312.7	2.00
1	5,177.500	91.53			3.57	H	312.7	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,147.350	53.69	74.00	20.31	3.37	H	49.7	1.00
1	5,150.000	53.15	74.00	20.85	3.38	H	49.7	1.00
1	5,181.100	107.00			3.60	H	292.3	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.700	39.14	54.00	14.86	3.38	V	5.1	1.00
1	5,150.000	38.96	54.00	15.04	3.38	V	260.2	2.00
1	5,185.600	91.01			3.63	V	244.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.250	54.34	74.00	19.66	3.38	V	137	2.00
1	5,150.000	53.12	74.00	20.88	3.38	V	359	1.00
1	5,177.500	104.42			3.57	V	351.2	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,145.100	38.18	54.00	15.82	3.36	H	49.7	1.00
2	5,150.000	38.05	54.00	15.95	3.39	H	104.7	2.00
2	5,198.800	89.77			3.70	H	104.7	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,142.700	52.79	74.00	21.21	3.35	H	324.6	1.00
2	5,150.000	51.83	74.00	22.17	3.39	H	6.2	2.00
2	5,203.600	105.94			3.69	H	355	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,120.500	38.85	54.00	15.15	3.24	V	102.4	1.00
2	5,150.000	38.77	54.00	15.23	3.38	V	134.6	2.00
2	5,198.800	95.29			3.70	V	49.7	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,149.000	53.14	74.00	20.86	3.38	V	1	1.00
2	5,150.000	52.49	74.00	21.51	3.38	V	355.5	2.00
2	5,201.500	106.43			3.70	V	4.5	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,144.875	37.85	54.00	16.15	3.36	H	294.7	1.00
3	5,150.000	37.73	54.00	16.27	3.38	H	310.4	2.00
3	5,239.000	92.35			3.57	H	48.4	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,114.875	52.40	74.00	21.60	3.21	H	359.1	1.00
3	5,150.000	51.16	74.00	22.84	3.38	H	359.1	1.00
3	5,237.130	102.96			3.58	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,144.125	38.90	54.00	15.10	3.36	V	44.9	1.00
3	5,150.000	38.63	54.00	15.37	3.38	V	115.4	2.00
3	5,239.375	93.35			3.57	V	115.4	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,126.875	53.46	74.00	20.54	3.27	V	354.9	2.00
3	5,150.000	52.29	74.00	21.71	3.38	V	48.5	1.00
3	5,240.500	105.74			3.57	V	201.5	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11ax (40MHz)

CHANNEL	TX Channel 38	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,145.500	41.95	54.00	12.05	3.36	H	282.7	2.00
1	5,150.000	41.51	54.00	12.49	3.39	H	282.7	2.00
1	5,188.500	89.90			3.65	H	106	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,145.500	57.49	74.00	16.51	3.36	H	283.4	2.00
1	5,150.000	55.67	74.00	18.33	3.39	H	253.5	1.00
1	5,188.500	103.53			3.65	H	253.5	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,147.000	48.90	54.00	5.10	3.37	V	287	1.00
1	5,150.000	48.33	54.00	5.67	3.39	V	91.1	2.00
1	5,189.000	88.78			3.65	V	116.2	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,143.500	54.87	74.00	19.13	3.35	V	359.1	1.00
1	5,150.000	53.13	74.00	20.87	3.39	V	205.7	2.00
1	5,187.500	101.18			3.64	V	261.8	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5190MHz: Fundamental frequency.

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,144.300	37.80	54.00	16.20	3.36	H	308.4	2.00
2	5,150.000	37.69	54.00	16.31	3.39	H	206.8	2.00
2	5,229.000	89.34			3.61	H	105.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,125.750	52.57	74.00	21.43	3.27	H	282.7	2.00
2	5,150.000	52.23	74.00	21.77	3.39	H	206.9	2.00
2	5,227.600	103.48			3.61	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,141.850	37.67	54.00	16.33	3.35	V	180.6	2.00
2	5,150.000	37.64	54.00	16.36	3.38	V	180.6	2.00
2	5,235.300	87.24			3.59	V	230.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,110.700	52.89	74.00	21.11	3.19	V	182.4	2.00
2	5,150.000	52.01	74.00	21.99	3.39	V	359	1.00
2	5,226.900	103.30			3.61	V	261.2	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5230MHz: Fundamental frequency.

802.11ax (80MHz)

CHANNEL	TX Channel 42	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,148.250	47.58	54.00	6.42	3.38	H	102.4	2.00
10	5,150.000	46.40	54.00	7.60	3.39	H	102.4	2.00
10	5,206.050	85.07			3.68	H	251.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,148.675	67.36	74.00	6.64	3.38	H	355.6	2.00
10	5,150.000	67.18	74.00	6.82	3.38	H	312.8	2.00
10	5,207.330	100.25			3.68	H	104.8	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,144.850	46.78	54.00	7.22	3.36	V	1	1.00
10	5,150.000	46.25	54.00	7.75	3.38	V	102.4	2.00
10	5,214.125	85.10			3.66	V	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,142.300	68.51	74.00	5.49	3.35	V	359	1.00
10	5,150.000	65.86	74.00	8.14	3.39	V	244.6	2.00
10	5,206.480	100.34			3.68	V	359	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5210MHz: Fundamental frequency.

802.11ax (160MHz)

CHANNEL	TX Channel 50	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,115.250	50.48	54.00	3.52	3.22	H	309.1	2.00
8	5,150.000	46.26	54.00	7.74	3.37	H	309.1	2.00
8	5,245.625	83.61			3.55	H	359	1.00
8	5,350.000	47.66	54.00	6.34	3.60	H	354.9	2.00
8	5,386.938	50.28	54.00	3.72	3.62	H	354.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,113.938	63.56	74.00	10.44	3.21	H	305.5	2.00
8	5,150.000	58.38	74.00	15.62	3.33	H	354.9	2.00
8	5,235.563	97.55			3.59	H	359	1.00
8	5,350.000	65.42	74.00	8.58	3.60	H	251.8	2.00
8	5,384.313	68.97	74.00	5.03	3.62	H	251.8	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,113.500	49.53	54.00	4.47	3.21	V	1	1.00
8	5,150.000	45.43	54.00	8.57	3.37	V	92.8	2.00
8	5,265.313	84.37			3.52	V	359	1.00
8	5,350.000	47.63	54.00	6.37	3.60	V	1	1.00
8	5,373.813	50.71	54.00	3.29	3.61	V	284	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,116.563	63.06	74.00	10.94	3.22	V	1	1.00
8	5,150.000	58.25	74.00	15.75	3.37	V	1	1.00
8	5,236.000	97.97			3.58	V	1	1.00
8	5,350.000	63.51	74.00	10.49	3.60	V	195.6	2.00
8	5,384.313	67.36	74.00	6.64	3.62	V	54.4	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5250MHz: Fundamental frequency.

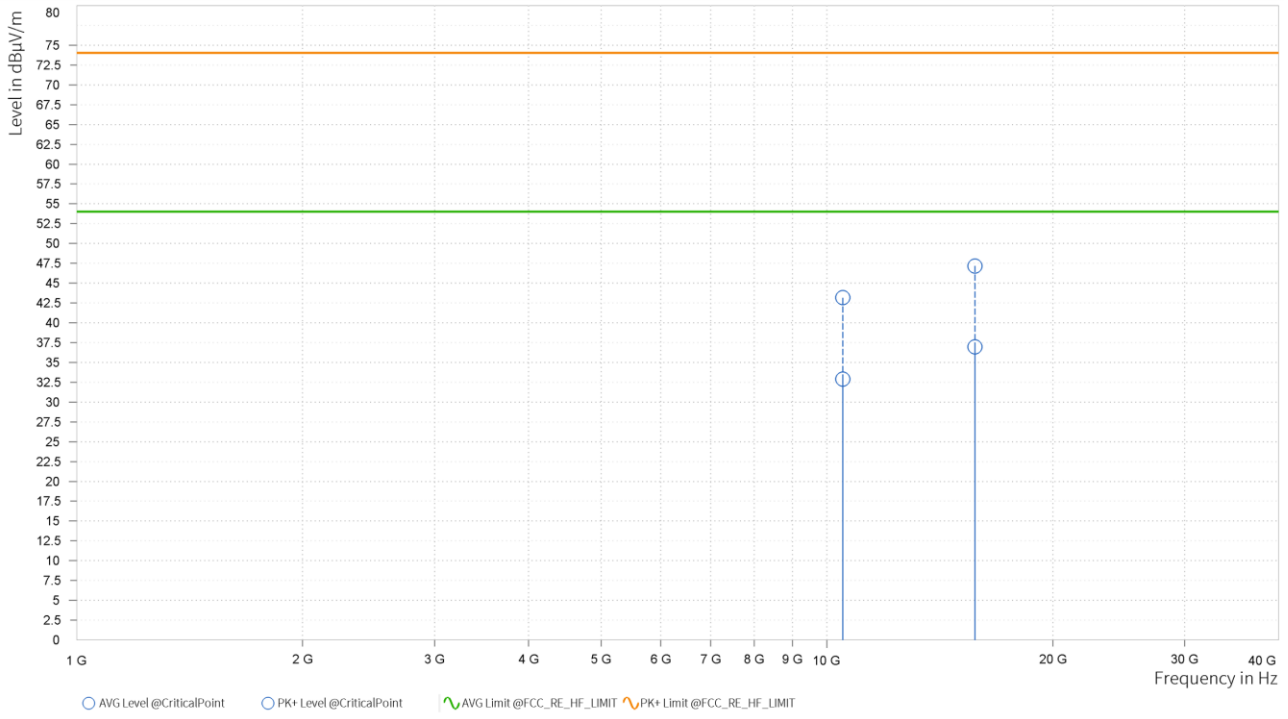
802.11ac (160MHz)

Worst case harmonic:

CHANNEL	TX Channel 50	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

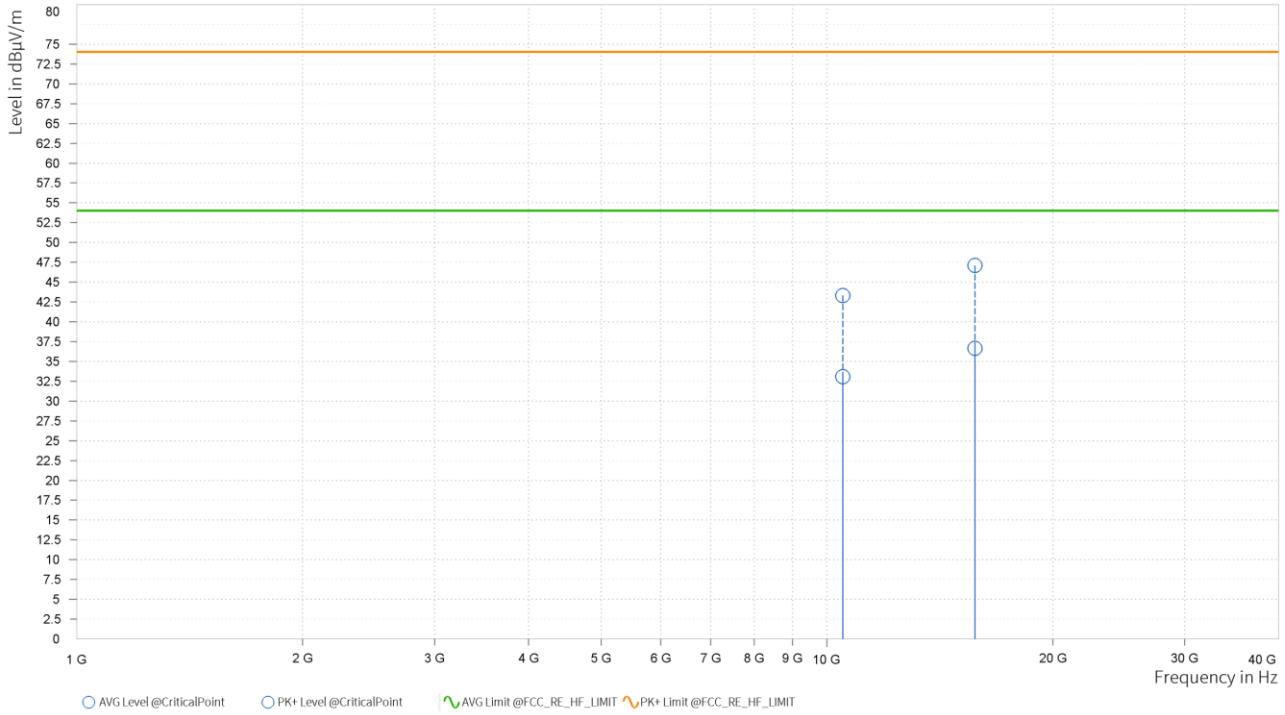
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	10,500.000	43.16	74.00	30.84	32.90	54.00	21.10	7.24	H	261.5	2.00
2	15,750.000	47.16	74.00	26.84	36.97	54.00	17.03	9.31	H	110.9	2.00



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	10,500.000	43.33	74.00	30.67	33.08	54.00	20.92	7.24	V	0.9	2.00
2	15,750.000	47.10	74.00	26.90	36.67	54.00	17.33	9.31	V	97.7	2.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5250MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

5G WIFI-RU

802.11ax (20MHz) (RU26):

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,137.000	37.75	54.00	16.25	3.32	H	46.1	1.00
1	5,150.000	37.63	54.00	16.37	3.38	H	46.1	1.00
1	5,171.650	91.65			3.53	H	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,141.950	52.86	74.00	21.14	3.35	H	315.2	2.00
1	5,150.000	51.56	74.00	22.44	3.38	H	1.9	2.00
1	5,171.650	104.28			3.53	H	45	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,133.400	37.75	54.00	16.25	3.30	V	359.1	1.00
1	5,150.000	37.72	54.00	16.28	3.38	V	169.3	2.00
1	5,171.650	91.62			3.53	V	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,128.000	52.44	74.00	21.56	3.28	V	170.6	2.00
1	5,150.000	52.04	74.00	21.96	3.38	V	94.1	1.00
1	5,171.200	104.45			3.53	V	45	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,149.000	37.35	54.00	16.65	3.38	H	44.9	1.00
2	5,150.000	37.29	54.00	16.71	3.38	H	318.7	1.00
2	5,199.400	89.85			3.70	H	315.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,140.600	52.36	74.00	21.64	3.34	H	0.9	2.00
2	5,150.000	51.64	74.00	22.36	3.38	H	355	2.00
2	5,191.600	104.16			3.67	H	355	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,132.500	37.35	54.00	16.65	3.30	V	359	1.00
2	5,150.000	37.32	54.00	16.68	3.38	V	167	2.00
2	5,200.900	88.74			3.70	V	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,120.500	52.64	74.00	21.36	3.24	V	20.6	2.00
2	5,150.000	51.44	74.00	22.56	3.39	V	116.7	2.00
2	5,191.300	104.49			3.67	V	1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,146.000	37.35	54.00	16.65	3.37	H	217.1	2.00
3	5,150.000	37.25	54.00	16.75	3.38	H	217.1	2.00
3	5,248.750	91.88			3.54	H	217.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,140.750	51.85	74.00	22.15	3.34	H	17.9	2.00
3	5,150.000	50.73	74.00	23.27	3.38	H	0.9	2.00
3	5,248.750	104.17			3.54	H	43.7	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,145.250	37.33	54.00	16.67	3.36	V	280.3	1.00
3	5,150.000	37.18	54.00	16.82	3.38	V	165.8	2.00
3	5,248.750	89.75			3.54	V	355.6	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,116.000	52.89	74.00	21.11	3.22	V	143	2.00
3	5,150.000	51.76	74.00	22.24	3.38	V	94	2.00
3	5,248.750	101.64			3.54	V	242.2	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11ax (20MHz) (RU52):

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,146.450	38.17	54.00	15.83	3.37	H	359	1.00
1	5,150.000	38.09	54.00	15.91	3.38	H	359	1.00
1	5,173.450	94.38			3.55	H	279.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,137.000	52.93	74.00	21.07	3.32	H	359	2.00
1	5,150.000	52.53	74.00	21.47	3.38	H	1	1.00
1	5,173.450	106.81			3.55	H	355	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,124.850	38.14	54.00	15.86	3.26	V	5	1.00
1	5,150.000	37.99	54.00	16.01	3.38	V	5	1.00
1	5,171.200	93.61			3.53	V	119.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,132.500	52.58	74.00	21.42	3.30	V	355.6	2.00
1	5,150.000	52.19	74.00	21.81	3.38	V	168.2	2.00
1	5,173.450	107.01			3.55	V	348.7	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,144.500	38.18	54.00	15.82	3.36	H	241	1.00
2	5,150.000	37.96	54.00	16.04	3.38	H	44.9	1.00
2	5,195.800	93.37			3.70	H	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,120.200	52.73	74.00	21.27	3.24	H	355.6	2.00
2	5,150.000	51.99	74.00	22.01	3.38	H	241	1.00
2	5,196.100	106.70			3.70	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,147.200	37.64	54.00	16.36	3.37	V	170.6	2.00
2	5,150.000	37.55	54.00	16.45	3.38	V	170.6	2.00
2	5,197.900	92.13			3.70	V	120.2	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,125.900	53.11	74.00	20.89	3.27	V	359.1	1.00
2	5,150.000	51.68	74.00	22.32	3.38	V	229	1.00
2	5,197.600	104.51			3.70	V	119.1	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,134.750	37.67	54.00	16.33	3.31	H	359.1	1.00
3	5,150.000	37.62	54.00	16.38	3.38	H	55.7	1.00
3	5,246.500	93.64			3.55	H	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,115.250	52.84	74.00	21.16	3.22	H	1	1.00
3	5,150.000	51.48	74.00	22.52	3.38	H	359	2.00
3	5,247.250	106.77			3.55	H	243.4	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,132.500	37.28	54.00	16.72	3.30	V	58.1	1.00
3	5,150.000	37.20	54.00	16.80	3.38	V	155	2.00
3	5,246.125	89.93			3.55	V	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,149.375	52.72	74.00	21.28	3.38	V	329.4	1.00
3	5,150.000	51.19	74.00	22.81	3.38	V	1	2.00
3	5,247.250	103.08			3.55	V	359	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11ax (20MHz) (RU106):

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.700	38.56	54.00	15.44	3.38	H	47.3	1.00
1	5,150.000	38.32	54.00	15.68	3.38	H	250.6	1.00
1	5,174.800	94.65			3.56	H	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,144.650	61.97	74.00	12.03	3.36	H	152.6	1.00
1	5,150.000	55.78	74.00	18.22	3.38	H	47.4	1.00
1	5,176.600	106.84			3.57	H	117.8	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,132.950	37.94	54.00	16.06	3.30	V	114.2	2.00
1	5,150.000	37.90	54.00	16.10	3.38	V	114.2	2.00
1	5,175.700	90.70			3.56	V	8.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,148.250	57.39	74.00	16.61	3.38	V	5.1	1.00
1	5,150.000	55.17	74.00	18.83	3.38	V	343	1.00
1	5,173.000	103.81			3.54	V	1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,146.900	38.69	54.00	15.31	3.37	H	156.2	1.00
2	5,150.000	38.58	54.00	15.42	3.38	H	156.2	1.00
2	5,191.300	94.68			3.67	H	54.4	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,145.100	54.43	74.00	19.57	3.36	H	313.9	2.00
2	5,150.000	53.80	74.00	20.20	3.38	H	47.3	1.00
2	5,197.000	107.32			3.70	H	116.6	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,143.600	37.88	54.00	16.12	3.35	V	5.1	1.00
2	5,150.000	37.73	54.00	16.27	3.39	V	157.4	2.00
2	5,194.000	91.80			3.69	V	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,147.800	53.78	74.00	20.22	3.38	V	5	1.00
2	5,150.000	51.49	74.00	22.51	3.39	V	5	1.00
2	5,193.700	104.01			3.69	V	1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,149.375	37.91	54.00	16.09	3.38	H	174.1	1.00
3	5,150.000	37.80	54.00	16.20	3.38	H	102.3	2.00
3	5,246.125	93.44			3.55	H	359	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,134.375	52.94	74.00	21.06	3.31	H	108.4	2.00
3	5,150.000	52.39	74.00	21.61	3.38	H	353.4	1.00
3	5,245.750	105.86			3.55	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,131.750	37.77	54.00	16.23	3.30	V	58.2	2.00
3	5,149.375	37.63	54.00	16.37	3.38	V	223.1	2.00
3	5,248.750	93.23			3.54	V	49.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,112.625	52.67	74.00	21.33	3.20	V	213.6	2.00
3	5,150.000	51.22	74.00	22.78	3.38	V	263.8	2.00
3	5,243.880	104.02			3.56	V	1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11ax (20MHz) (RU242):

CHANNEL	TX Channel 36	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,143.750	38.47	54.00	15.53	3.36	V	1	1.00
1	5,150.000	38.28	54.00	15.72	3.38	V	1	1.00
1	5,179.300	87.22			3.59	V	98.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,145.100	53.78	74.00	20.22	3.36	H	261.3	2.00
1	5,150.000	52.78	74.00	21.22	3.38	H	261.3	2.00
1	5,184.700	104.57			3.62	H	279.2	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,149.150	40.01	54.00	13.99	3.38	H	61.6	1.00
1	5,150.000	40.01	54.00	13.99	3.38	H	61.6	1.00
1	5,184.700	89.32			3.62	H	272	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,123.050	53.45	74.00	20.55	3.25	V	354.9	2.00
1	5,150.000	52.23	74.00	21.77	3.38	V	1	1.00
1	5,180.650	102.76			3.60	V	358.7	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5180MHz: Fundamental frequency.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,144.800	38.28	54.00	15.72	3.36	H	359	1.00
2	5,150.000	38.22	54.00	15.78	3.39	H	258.9	1.00
2	5,204.200	90.64			3.69	H	359	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,134.000	52.67	74.00	21.33	3.31	H	256.6	2.00
2	5,150.000	52.46	74.00	21.54	3.38	H	359.1	1.00
2	5,204.200	105.34			3.69	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,122.300	37.93	54.00	16.07	3.25	V	4.5	1.00
2	5,150.000	37.70	54.00	16.30	3.38	V	4.5	1.00
2	5,201.800	87.65			3.70	V	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,148.100	52.84	74.00	21.16	3.38	V	359.1	1.00
2	5,150.000	52.02	74.00	21.98	3.38	V	0.9	2.00
2	5,199.100	101.65			3.70	V	100	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5200MHz: Fundamental frequency.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,146.000	37.87	54.00	16.13	3.37	H	315.1	2.00
3	5,150.000	37.75	54.00	16.25	3.38	H	359	1.00
3	5,238.250	92.01			3.58	H	117.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,111.875	53.70	74.00	20.30	3.20	H	355.6	2.00
3	5,150.000	51.64	74.00	22.36	3.38	H	315.2	2.00
3	5,243.880	104.19			3.56	H	191.9	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,144.875	37.71	54.00	16.29	3.36	V	5	1.00
3	5,150.000	37.46	54.00	16.54	3.38	V	129.8	2.00
3	5,238.625	87.70			3.58	V	129.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,131.750	53.03	74.00	20.97	3.30	V	5.1	1.00
3	5,150.000	51.65	74.00	22.35	3.38	V	316.3	2.00
3	5,240.880	101.38			3.57	V	359	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5240MHz: Fundamental frequency.

802.11ax (40MHz) (RU484):

CHANNEL	TX Channel 38	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,146.000	43.67	54.00	10.33	3.37	H	61.2	1.00
1	5,150.000	42.52	54.00	11.48	3.39	H	281.5	1.00
1	5,189.000	90.14			3.65	H	309.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,143.500	60.48	74.00	13.52	3.35	H	279.7	1.00
1	5,150.000	58.23	74.00	15.77	3.39	H	279.7	1.00
1	5,187.000	107.69			3.64	H	53.4	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,144.000	39.37	54.00	14.63	3.36	V	128.1	1.00
1	5,150.000	39.14	54.00	14.86	3.39	V	183	2.00
1	5,187.000	86.03			3.64	V	278.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,149.500	54.59	74.00	19.41	3.38	V	126.9	1.00
1	5,150.000	54.62	74.00	19.38	3.39	V	126.9	1.00
1	5,186.500	100.71			3.64	V	277.4	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5190MHz: Fundamental frequency.

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,147.800	39.52	54.00	14.48	3.38	H	251.1	1.00
2	5,150.000	38.41	54.00	15.59	3.39	H	251.1	1.00
2	5,227.600	89.19			3.61	H	283.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,115.600	52.87	74.00	21.13	3.22	H	307.8	2.00
2	5,150.000	51.94	74.00	22.06	3.39	H	355.6	2.00
2	5,225.500	103.71			3.62	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,142.900	38.13	54.00	15.87	3.35	V	209.2	2.00
2	5,150.000	38.00	54.00	16.00	3.39	V	209.2	2.00
2	5,227.600	86.74			3.61	V	275.5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,141.850	52.90	74.00	21.10	3.35	V	177.7	2.00
2	5,150.000	52.03	74.00	21.97	3.39	V	303.7	2.00
2	5,229.000	102.34			3.61	V	228.5	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5230MHz: Fundamental frequency.

802.11ax (80MHz) (RU996):

CHANNEL	TX Channel 42	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,141.875	45.72	54.00	8.28	3.35	H	313.9	2.00
10	5,150.000	43.69	54.00	10.31	3.39	H	247	1.00
10	5,203.925	85.01			3.69	H	355.5	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,124.875	60.66	74.00	13.34	3.26	H	46.1	1.00
10	5,150.000	58.48	74.00	15.52	3.38	H	245.8	1.00
10	5,208.600	101.41			3.67	H	245.8	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,141.875	40.58	54.00	13.42	3.35	V	283.9	1.00
10	5,150.000	40.63	54.00	13.37	3.39	V	283.9	1.00
10	5,209.025	81.02			3.67	V	111.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
10	5,137.200	58.90	74.00	15.10	3.32	V	359.1	1.00
10	5,150.000	56.91	74.00	17.09	3.39	V	282.8	1.00
10	5,209.025	99.71			3.67	V	109.5	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5210MHz: Fundamental frequency.

802.11ax (160MHz) (RU996):

CHANNEL	TX Channel 50	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,110.875	44.62	54.00	9.38	3.19	H	96.5	2.00
8	5,150.000	40.34	54.00	13.66	3.38	H	96.5	2.00
8	5,180.438	79.37			3.59	H	96.5	2.00
8	5,350.000	43.82	54.00	10.18	3.60	H	355	2.00
8	5,412.750	44.47	54.00	9.53	3.66	H	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,124.875	65.28	74.00	8.72	3.26	H	312.7	2.00
8	5,150.000	59.39	74.00	14.61	3.38	H	312.7	2.00
8	5,214.125	93.63			3.66	H	304.4	1.00
8	5,350.000	61.20	74.00	12.80	3.60	H	250.6	1.00
8	5,396.563	66.71	74.00	7.29	3.62	H	250.6	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,117.438	41.25	54.00	12.75	3.23	V	311.6	2.00
8	5,150.000	38.34	54.00	15.66	3.38	V	104.7	2.00
8	5,184.813	77.57			3.62	V	46.1	1.00
8	5,350.000	40.64	54.00	13.36	3.60	V	353	1.00
8	5,412.750	43.85	54.00	10.15	3.66	V	261.3	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,124.875	61.69	74.00	12.31	3.26	V	111.9	2.00
8	5,150.000	55.39	74.00	18.61	3.38	V	313.9	2.00
8	5,178.250	88.93			3.58	V	313.9	2.00
8	5,350.000	57.28	74.00	16.72	3.60	V	46.1	1.00
8	5,392.188	61.74	74.00	12.26	3.62	V	111.9	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5250MHz: Fundamental frequency.

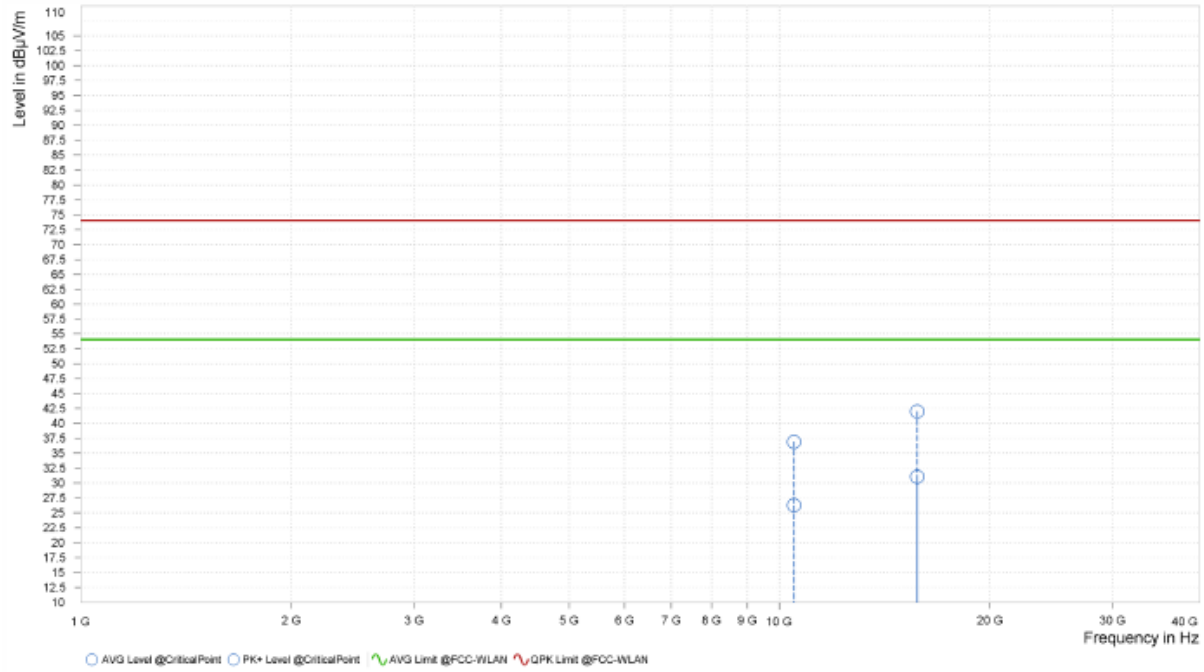
802.11ax (160MHz) (RU996):

Worst case harmonic:

CHANNEL	TX Channel 50	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

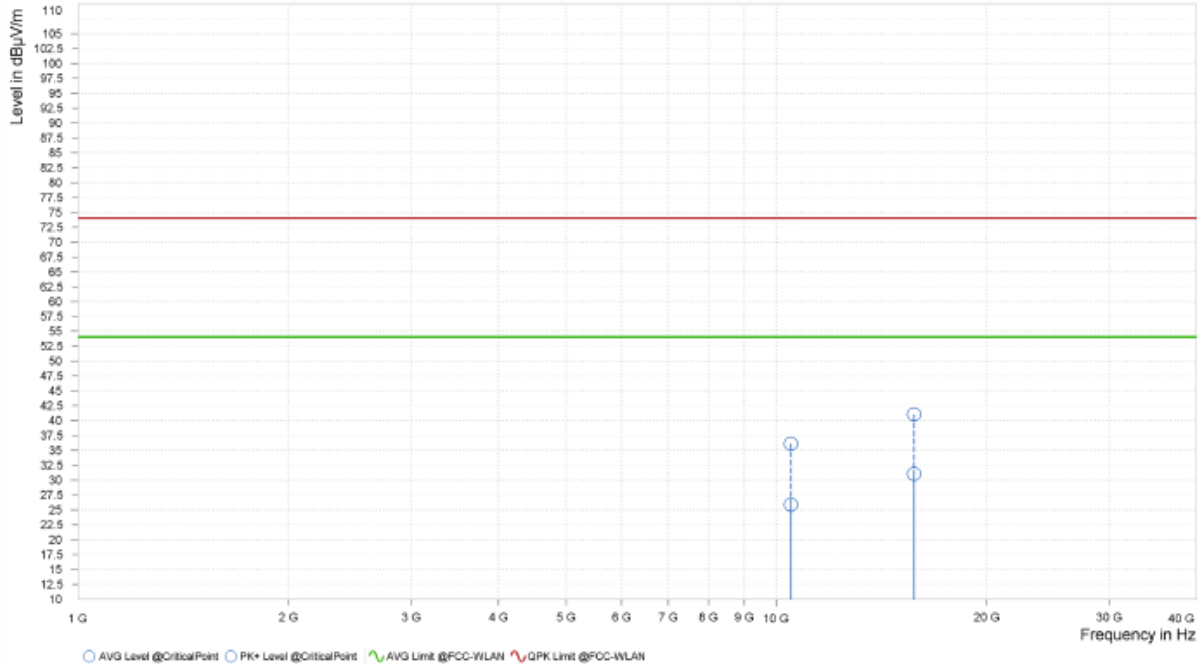
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	10,500.000	36.91	74.00	37.09	26.26	54.00	27.74	11.94	H	1	2.00
4	15,750.000	42.03	74.00	31.97	31.06	54.00	22.94	16.25	H	1	2.00



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	10,500.000	36.14	74.00	37.86	25.88	54.00	28.12	11.94	V	1	2.00
4	15,750.000	41.06	74.00	32.94	31.08	54.00	22.92	16.25	V	1	2.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5250MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

Band 2

802.11a

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,258.900	94.02			3.53	H	117.9	2.00
4	5,350.000	38.26	54.00	15.74	3.60	H	1	2.00
4	5,352.000	38.31	54.00	15.69	3.60	H	355.6	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,259.380	106.09			3.53	H	48.6	1.00
4	5,350.000	52.12	74.00	21.88	3.60	H	299.6	1.00
4	5,382.875	53.07	74.00	20.93	3.62	H	359	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,258.425	93.20			3.53	V	5.1	1.00
4	5,350.000	38.12	54.00	15.88	3.60	V	231.5	1.00
4	5,357.225	38.13	54.00	15.87	3.61	V	117.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.950	103.04			3.53	V	4.5	1.00
4	5,350.000	51.39	74.00	22.61	3.60	V	359.1	1.00
4	5,374.325	52.76	74.00	21.24	3.61	V	4.5	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,300.600	95.29			3.48	H	315.2	1.00
5	5,350.000	39.54	54.00	14.46	3.60	H	50.9	1.00
5	5,351.000	39.46	54.00	14.54	3.60	H	50.9	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.200	106.85			3.48	H	359	1.00
5	5,350.000	53.13	74.00	20.87	3.60	H	354.9	2.00
5	5,354.600	54.35	74.00	19.65	3.60	H	315.1	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.500	92.66			3.48	V	266.1	2.00
5	5,350.000	38.25	54.00	15.75	3.60	V	315.1	2.00
5	5,357.300	38.56	54.00	15.44	3.61	V	266.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,301.500	104.82			3.48	V	264.8	2.00
5	5,350.000	51.44	74.00	22.56	3.60	V	1.8	2.00
5	5,356.400	52.74	74.00	21.26	3.60	V	359	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,318.400	94.41			3.52	H	316.4	2.00
6	5,350.000	39.51	54.00	14.49	3.60	H	267.3	2.00
6	5,355.200	39.49	54.00	14.51	3.60	H	356.2	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,317.200	105.94			3.52	H	215.9	2.00
6	5,350.000	53.65	74.00	20.35	3.60	H	355	2.00
6	5,358.400	54.76	74.00	19.24	3.61	H	355	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,318.000	90.28			3.52	V	315.1	2.00
6	5,350.000	38.46	54.00	15.54	3.60	V	264.9	2.00
6	5,350.400	38.48	54.00	15.52	3.60	V	82	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,317.600	102.71			3.52	V	315.2	2.00
6	5,350.000	52.76	74.00	21.24	3.60	V	319.9	1.00
6	5,352.800	53.11	74.00	20.89	3.60	V	319.9	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11n (20MHz)

CHANNEL	TX Channel 52	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.950	94.62			3.53	H	114.3	2.00
4	5,350.000	38.41	54.00	15.59	3.60	H	214.6	2.00
4	5,356.275	38.42	54.00	15.58	3.60	H	45	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,258.900	105.81			3.53	H	315.2	2.00
4	5,350.000	52.61	74.00	21.39	3.60	H	359.1	1.00
4	5,360.075	53.43	74.00	20.57	3.61	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,258.900	91.82			3.53	V	331.8	1.00
4	5,350.000	38.05	54.00	15.95	3.60	V	105.9	2.00
4	5,357.225	38.09	54.00	15.91	3.61	V	357.4	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.480	103.37			3.53	V	330.6	1.00
4	5,350.000	51.22	74.00	22.78	3.60	V	280.5	1.00
4	5,353.900	52.88	74.00	21.12	3.60	V	0.9	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.800	92.95			3.47	H	115.5	2.00
5	5,350.000	39.28	54.00	14.72	3.60	H	355	2.00
5	5,350.400	39.30	54.00	14.70	3.60	H	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,299.100	104.40			3.48	H	117.8	2.00
5	5,350.000	53.32	74.00	20.68	3.60	H	354.9	2.00
5	5,383.700	53.37	74.00	20.63	3.62	H	0.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.500	93.02			3.48	V	283.9	1.00
5	5,350.000	38.57	54.00	15.43	3.60	V	264.8	2.00
5	5,356.400	38.69	54.00	15.31	3.60	V	5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.200	104.17			3.48	V	280.4	1.00
5	5,350.000	52.69	74.00	21.31	3.60	V	315.2	2.00
5	5,353.100	53.40	74.00	20.60	3.60	V	331.8	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,317.600	93.40			3.52	H	315.2	2.00
6	5,350.000	39.61	54.00	14.39	3.60	H	355	2.00
6	5,350.800	39.59	54.00	14.41	3.60	H	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,319.200	104.33			3.53	H	355	2.00
6	5,350.000	52.94	74.00	21.06	3.60	H	355	2.00
6	5,358.800	54.31	74.00	19.69	3.61	H	257.7	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,316.800	88.48			3.52	V	349.4	1.00
6	5,350.000	38.43	54.00	15.57	3.60	V	359.1	1.00
6	5,350.400	38.43	54.00	15.57	3.60	V	349.4	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,316.800	103.49			3.52	V	315.2	2.00
6	5,350.000	52.61	74.00	21.39	3.60	V	72.3	1.00
6	5,355.200	53.96	74.00	20.04	3.60	V	0.9	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11n (40MHz)

CHANNEL	TX Channel 54	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,271.533	92.11			3.51	H	324.6	1.00
3	5,350.000	39.29	54.00	14.71	3.60	H	324.6	1.00
3	5,351.100	39.30	54.00	14.70	3.60	H	324.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,267.870	102.38			3.51	H	104.2	2.00
3	5,350.000	52.32	74.00	21.68	3.60	H	5	1.00
3	5,353.667	53.32	74.00	20.68	3.60	H	332.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,267.867	89.88			3.51	V	5.1	1.00
3	5,350.000	38.60	54.00	15.40	3.60	V	146.6	1.00
3	5,355.133	38.65	54.00	15.35	3.60	V	146.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.230	101.60			3.51	V	106	2.00
3	5,350.000	51.91	74.00	22.09	3.60	V	359.1	1.00
3	5,391.067	53.26	74.00	20.74	3.62	V	232	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5270MHz: Fundamental frequency.

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,308.000	92.51			3.50	H	260	1.00
4	5,350.000	47.35	54.00	6.65	3.60	H	111.4	2.00
4	5,351.000	47.78	54.00	6.22	3.60	H	348.3	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,307.500	104.73			3.50	H	104.8	2.00
4	5,350.000	61.59	74.00	12.41	3.60	H	282.1	2.00
4	5,350.500	61.27	74.00	12.73	3.60	H	259.4	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,312.500	91.55			3.51	V	4.5	1.00
4	5,350.000	44.05	54.00	9.95	3.60	V	214.6	1.00
4	5,353.500	43.95	54.00	10.05	3.60	V	4.5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,306.500	103.47			3.49	V	306.6	2.00
4	5,350.000	60.86	74.00	13.14	3.60	V	319.2	1.00
4	5,351.000	61.32	74.00	12.68	3.60	V	76.6	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5310MHz: Fundamental frequency.

802.11ac (20MHz)

CHANNEL	TX Channel 52	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,258.900	91.22			3.53	H	113.1	2.00
4	5,350.000	37.95	54.00	16.05	3.60	H	15.7	2.00
4	5,357.225	38.07	54.00	15.93	3.61	H	314	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,258.430	103.67			3.53	H	111.8	2.00
4	5,350.000	51.94	74.00	22.06	3.60	H	359	2.00
4	5,357.700	53.45	74.00	20.55	3.61	H	14.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,261.750	92.80			3.52	V	46.1	1.00
4	5,350.000	38.21	54.00	15.79	3.60	V	111.9	2.00
4	5,357.225	38.27	54.00	15.73	3.61	V	312.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,261.750	104.32			3.52	V	290	1.00
4	5,350.000	51.67	74.00	22.33	3.60	V	0.9	2.00
4	5,358.175	53.10	74.00	20.90	3.61	V	65.3	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.500	93.19			3.48	H	312.8	2.00
5	5,350.000	38.66	54.00	15.34	3.60	H	247	1.00
5	5,356.100	38.66	54.00	15.34	3.60	H	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,297.900	102.39			3.48	H	111.8	2.00
5	5,350.000	51.63	74.00	22.37	3.60	H	0.9	2.00
5	5,357.300	52.94	74.00	21.06	3.61	H	162.1	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.800	92.55			3.47	V	1	1.00
5	5,350.000	39.11	54.00	14.89	3.60	V	262.5	2.00
5	5,356.400	39.23	54.00	14.77	3.60	V	110.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.800	105.47			3.47	V	119	2.00
5	5,350.000	52.93	74.00	21.07	3.60	V	0.9	2.00
5	5,366.300	54.04	74.00	19.96	3.61	V	312.7	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,317.200	90.56			3.52	H	88	1.00
6	5,350.000	38.53	54.00	15.47	3.60	H	55.7	2.00
6	5,357.200	38.49	54.00	15.51	3.61	H	139.4	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,321.200	101.11			3.53	H	354.9	2.00
6	5,350.000	52.19	74.00	21.81	3.60	H	354.9	2.00
6	5,387.600	52.60	74.00	21.40	3.62	H	354.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,321.200	94.19			3.53	V	5.8	1.00
6	5,350.000	39.99	54.00	14.01	3.60	V	5.8	1.00
6	5,356.800	40.26	54.00	13.74	3.61	V	5.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,321.600	105.62			3.53	V	5.1	1.00
6	5,350.000	53.57	74.00	20.43	3.60	V	358.7	1.00
6	5,366.400	54.34	74.00	19.66	3.61	V	5.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11ac (40MHz)

CHANNEL	TX Channel 54	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.600	91.96			3.51	H	104.2	2.00
3	5,350.000	38.42	54.00	15.58	3.60	H	104.2	2.00
3	5,355.500	38.53	54.00	15.47	3.60	H	104.2	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.230	103.86			3.51	H	101.8	2.00
3	5,350.000	51.81	74.00	22.19	3.60	H	0.9	2.00
3	5,444.600	53.67	74.00	20.33	3.73	H	26.6	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.233	89.72			3.51	V	336.4	1.00
3	5,350.000	38.22	54.00	15.78	3.60	V	277.3	1.00
3	5,355.133	38.31	54.00	15.69	3.60	V	277.3	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.230	102.25			3.51	V	102.4	2.00
3	5,350.000	51.43	74.00	22.57	3.60	V	303.7	1.00
3	5,431.767	53.34	74.00	20.66	3.70	V	1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5270MHz: Fundamental frequency.

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,307.000	91.88			3.50	H	92.3	2.00
4	5,350.000	44.29	54.00	9.71	3.60	H	220.6	2.00
4	5,350.500	44.31	54.00	9.69	3.60	H	352	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,313.500	106.84			3.51	H	306.6	2.00
4	5,350.000	59.46	74.00	14.54	3.60	H	306.6	2.00
4	5,354.000	59.70	74.00	14.30	3.60	H	306.6	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,308.000	89.17			3.50	V	5	1.00
4	5,350.000	42.71	54.00	11.29	3.60	V	257.7	1.00
4	5,351.000	42.33	54.00	11.67	3.60	V	257.7	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,310.500	107.08			3.50	V	131	1.00
4	5,350.000	59.24	74.00	14.76	3.60	V	333.4	1.00
4	5,351.500	59.02	74.00	14.98	3.60	V	131	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5310MHz: Fundamental frequency.

802.11ac (80MHz)

CHANNEL	TX Channel 58	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,287.667	88.20			3.49	H	110.6	2.00
1	5,350.000	42.36	54.00	11.64	3.60	H	354.9	2.00
1	5,363.567	44.36	54.00	9.64	3.61	H	354.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,288.400	99.58			3.49	H	113	2.00
1	5,350.000	55.23	74.00	18.77	3.60	H	356.1	2.00
1	5,380.433	60.46	74.00	13.54	3.62	H	356.1	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,286.567	86.61			3.49	V	359	1.00
1	5,350.000	41.22	54.00	12.78	3.60	V	123.8	1.00
1	5,364.300	43.66	54.00	10.34	3.61	V	17.4	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,295.367	99.93			3.48	V	314	2.00
1	5,350.000	56.71	74.00	17.29	3.60	V	261.4	2.00
1	5,380.800	59.55	74.00	14.45	3.62	V	101.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5290MHz: Fundamental frequency.

802.11ax (20MHz)

CHANNEL	TX Channel 52	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,260.800	94.18			3.52	H	355.5	2.00
4	5,350.000	38.14	54.00	15.86	3.60	H	357.9	1.00
4	5,351.525	38.20	54.00	15.80	3.60	H	17.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,260.800	107.25			3.52	H	354.9	2.00
4	5,350.000	52.59	74.00	21.41	3.60	H	0.9	2.00
4	5,354.375	53.56	74.00	20.44	3.60	H	306.8	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.475	91.69			3.53	V	5	1.00
4	5,350.000	38.16	54.00	15.84	3.60	V	5	1.00
4	5,352.475	38.19	54.00	15.81	3.60	V	5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.000	102.43			3.53	V	314	2.00
4	5,350.000	52.36	74.00	21.64	3.60	V	359	2.00
4	5,357.700	52.54	74.00	21.46	3.61	V	359	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,301.800	91.39			3.48	H	355.6	2.00
5	5,350.000	38.31	54.00	15.69	3.60	H	114.3	2.00
5	5,356.400	38.33	54.00	15.67	3.60	H	0.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,295.800	105.31			3.48	H	245.8	1.00
5	5,350.000	52.08	74.00	21.92	3.60	H	0.9	2.00
5	5,359.100	53.67	74.00	20.33	3.61	H	111.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.800	91.88			3.47	V	115.5	2.00
5	5,350.000	38.17	54.00	15.83	3.60	V	308	1.00
5	5,357.000	38.21	54.00	15.79	3.61	V	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,297.900	105.84			3.48	V	114.2	2.00
5	5,350.000	53.16	74.00	20.84	3.60	V	359	1.00
5	5,386.700	53.10	74.00	20.90	3.62	V	1.6	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,318.400	93.96			3.52	H	113.1	2.00
6	5,350.000	39.75	54.00	14.25	3.60	H	355	2.00
6	5,354.000	39.73	54.00	14.27	3.60	H	314	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,317.600	107.66			3.52	H	315.2	2.00
6	5,350.000	53.78	74.00	20.22	3.60	H	315.2	2.00
6	5,350.400	54.48	74.00	19.52	3.60	H	355	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,318.400	90.92			3.52	V	109.6	2.00
6	5,350.000	38.90	54.00	15.10	3.60	V	273.2	1.00
6	5,353.600	39.09	54.00	14.91	3.60	V	5.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,318.800	105.04			3.52	V	5.8	1.00
6	5,350.000	52.84	74.00	21.16	3.60	V	359.1	1.00
6	5,363.200	53.50	74.00	20.50	3.61	V	1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11ax (40MHz)

CHANNEL	TX Channel 54	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.233	91.98			3.51	H	93.4	2.00
3	5,350.000	38.35	54.00	15.65	3.60	H	329.3	1.00
3	5,355.500	38.44	54.00	15.56	3.60	H	93.4	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.970	104.15			3.51	H	280.3	1.00
3	5,350.000	52.29	74.00	21.71	3.60	H	228.5	1.00
3	5,403.167	53.50	74.00	20.50	3.63	H	178.3	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,268.600	91.13			3.51	V	103	2.00
3	5,350.000	38.26	54.00	15.74	3.60	V	292.3	1.00
3	5,354.767	38.33	54.00	15.67	3.60	V	292.3	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,266.770	104.19			3.52	V	278.6	1.00
3	5,350.000	52.22	74.00	21.78	3.60	V	22.4	2.00
3	5,355.500	53.64	74.00	20.36	3.60	V	353.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5270MHz: Fundamental frequency.

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,312.500	102.52			12.09	H	243	1.00
4	5,350.000	55.83	74.00	18.17	12.17	H	243	1.00
4	5,350.500	55.38	74.00	18.62	12.17	H	243	1.00

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,312.000	88.99			12.09	H	243.1	1.00
4	5,350.000	41.35	54.00	12.65	12.17	H	243.1	1.00
4	5,350.500	41.17	54.00	12.83	12.17	H	243.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,300.000	102.65			12.06	V	161.8	1.00
4	5,350.000	54.22	74.00	19.78	12.17	V	161.8	1.00
4	5,352.000	55.67	74.00	18.33	12.17	V	161.8	1.00

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,311.000	89.80			12.08	V	165.4	1.00
4	5,350.000	40.94	54.00	13.06	12.17	V	165.4	1.00
4	5,351.000	40.97	54.00	13.03	12.17	V	165.4	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5310MHz: Fundamental frequency.

802.11ax (80MHz)

CHANNEL	TX Channel 58	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,289.133	88.09			3.49	H	354.9	2.00
1	5,350.000	45.05	54.00	8.95	3.60	H	254.1	1.00
1	5,357.700	45.79	54.00	8.21	3.61	H	107.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,285.830	100.98			3.49	H	10	2.00
1	5,350.000	57.32	74.00	16.68	3.60	H	107.1	2.00
1	5,358.067	60.84	74.00	13.16	3.61	H	107.1	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,288.767	86.25			3.49	V	5.8	1.00
1	5,350.000	45.59	54.00	8.41	3.60	V	104.8	1.00
1	5,351.100	46.11	54.00	7.89	3.60	V	104.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,285.830	100.78			3.49	V	342.2	1.00
1	5,350.000	56.65	74.00	17.35	3.60	V	103.6	2.00
1	5,353.300	59.40	74.00	14.60	3.60	V	292.4	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5290MHz: Fundamental frequency.

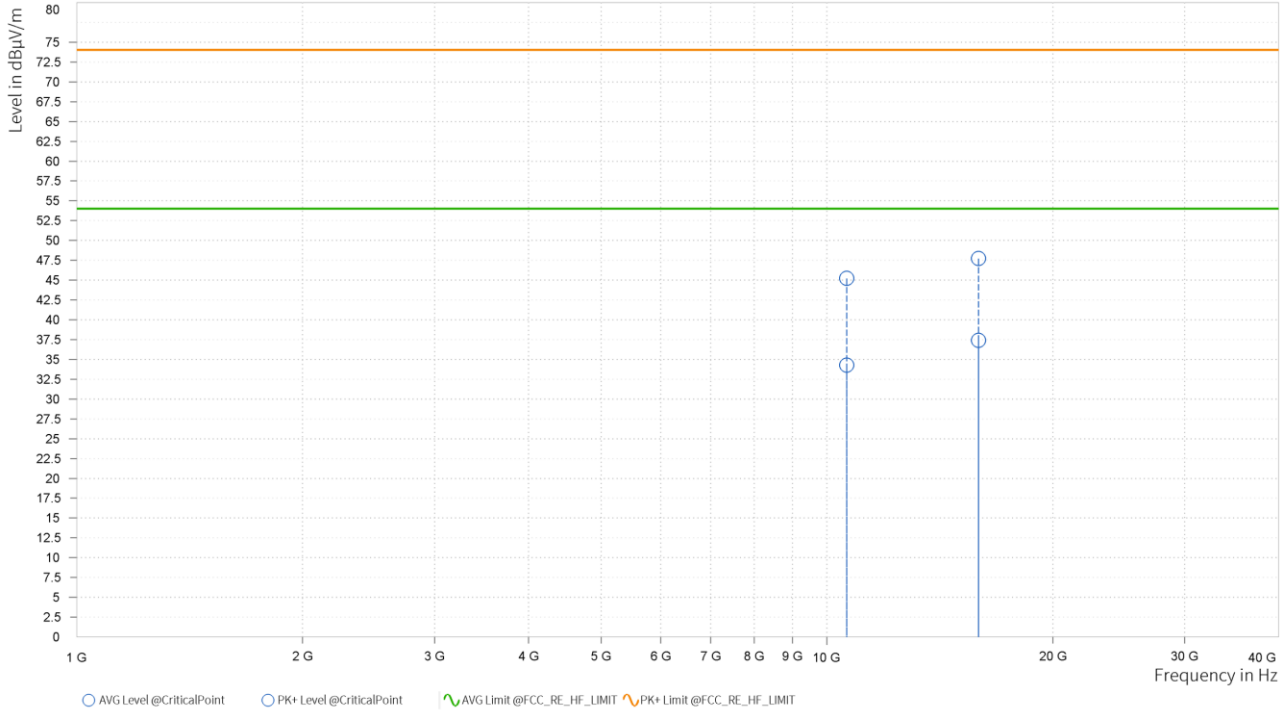
802.11ax (40MHz)

Worst case harmonic:

CHANNEL	TX Channel 62	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

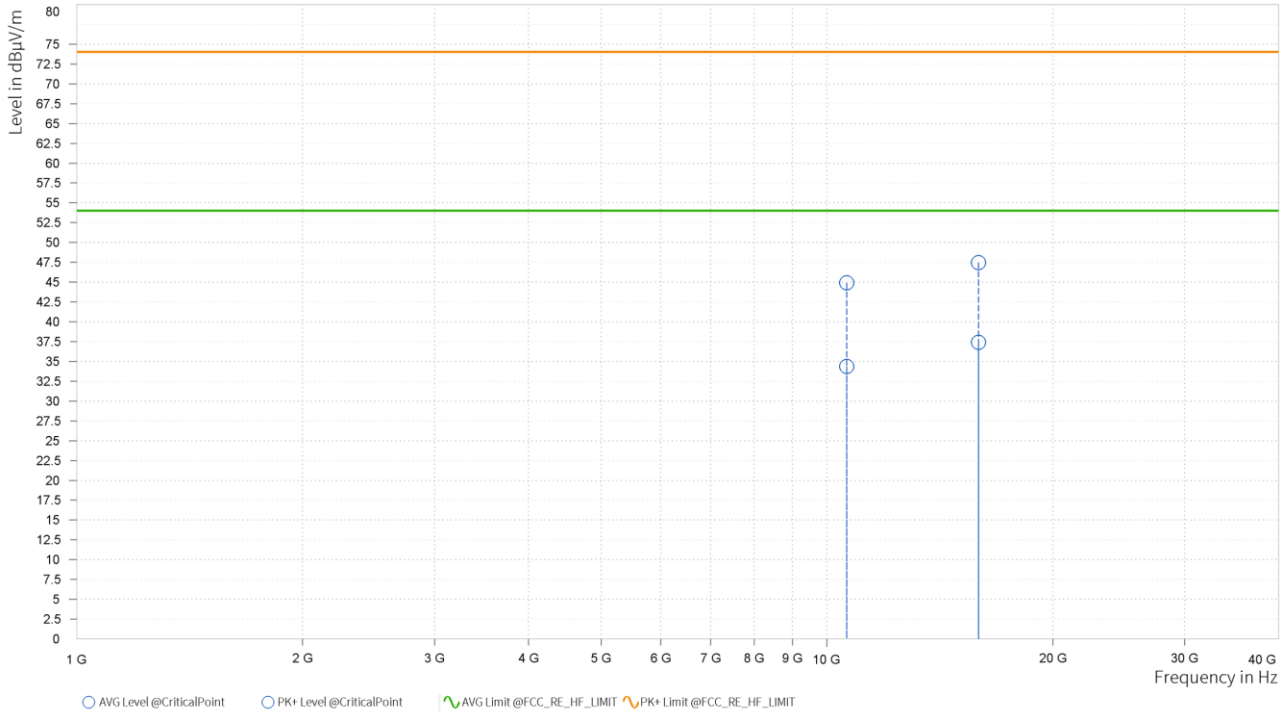
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	10,620.000	45.22	74.00	28.78	34.27	54.00	19.73	7.13	H	98.5	1.00
2	15,930.000	47.72	74.00	26.28	37.39	54.00	16.61	10.33	H	359	1.00



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	10,620.000	44.91	74.00	29.09	34.35	54.00	19.65	7.13	V	108.5	2.00
2	15,930.000	47.48	74.00	26.52	37.43	54.00	16.57	10.33	V	108.5	2.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5310MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

5G WIFI-RU

802.11ax (20MHz) (RU26):

CHANNEL	TX Channel 52	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,251.775	95.44			3.54	H	29.4	2.00
4	5,350.000	38.40	54.00	15.60	3.60	H	129.8	2.00
4	5,352.000	38.43	54.00	15.57	3.60	H	129.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,251.300	107.73			3.54	H	43.7	1.00
4	5,350.000	51.56	74.00	22.44	3.60	H	359	1.00
4	5,385.725	52.86	74.00	21.14	3.62	H	43.7	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,251.300	95.77			3.54	V	43.8	1.00
4	5,350.000	38.34	54.00	15.66	3.60	V	94.1	1.00
4	5,351.050	38.27	54.00	15.73	3.60	V	94.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,251.300	106.52			3.54	V	358.1	1.00
4	5,350.000	52.01	74.00	21.99	3.60	V	53.3	2.00
4	5,376.700	53.81	74.00	20.19	3.61	V	348.2	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,300.600	97.37			3.48	H	44.9	1.00
5	5,350.000	39.38	54.00	14.62	3.60	H	355.6	2.00
5	5,350.400	39.54	54.00	14.46	3.60	H	355.6	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,300.600	108.95			3.48	H	44.9	1.00
5	5,350.000	52.54	74.00	21.46	3.60	H	22.5	2.00
5	5,354.300	54.52	74.00	19.48	3.60	H	316.3	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,300.600	98.23			3.48	V	167	2.00
5	5,350.000	38.40	54.00	15.60	3.60	V	359.1	1.00
5	5,351.000	38.43	54.00	15.57	3.60	V	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,299.100	109.14			3.48	V	114.2	2.00
5	5,350.000	52.64	74.00	21.36	3.60	V	359	2.00
5	5,358.500	53.74	74.00	20.26	3.61	V	168.1	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,328.400	98.04			3.55	H	355	2.00
6	5,350.000	39.68	54.00	14.32	3.60	H	355	2.00
6	5,361.600	40.11	54.00	13.89	3.61	H	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,328.000	108.11			3.55	H	50.9	1.00
6	5,350.000	55.15	74.00	18.85	3.60	H	351.1	2.00
6	5,352.800	54.13	74.00	19.87	3.60	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,328.400	97.00			3.55	V	116.7	2.00
6	5,350.000	38.72	54.00	15.28	3.60	V	357.6	1.00
6	5,355.600	38.75	54.00	15.25	3.60	V	5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,328.000	108.90			3.55	V	357.7	1.00
6	5,350.000	52.98	74.00	21.02	3.60	V	359.1	1.00
6	5,350.400	53.80	74.00	20.20	3.60	V	359.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11ax (20MHz) (RU52):

CHANNEL	TX Channel 52	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,253.675	98.37			3.53	H	359	1.00
4	5,350.000	39.49	54.00	14.51	3.60	H	355.5	2.00
4	5,355.325	39.44	54.00	14.56	3.60	H	355.5	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,253.200	111.88			3.53	H	243.4	1.00
4	5,350.000	54.05	74.00	19.95	3.60	H	217	2.00
4	5,376.225	53.47	74.00	20.53	3.61	H	18.7	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,253.200	94.98			3.53	V	359.1	1.00
4	5,350.000	38.30	54.00	15.70	3.60	V	355	2.00
4	5,355.800	38.32	54.00	15.68	3.60	V	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,253.200	109.93			3.53	V	217	2.00
4	5,350.000	53.41	74.00	20.59	3.60	V	358.2	1.00
4	5,380.025	53.72	74.00	20.28	3.62	V	316.3	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,295.500	99.03			3.48	H	359.1	1.00
5	5,350.000	40.86	54.00	13.14	3.60	H	251.8	1.00
5	5,351.000	40.93	54.00	13.07	3.60	H	251.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,296.100	111.95			3.48	H	359	1.00
5	5,350.000	59.07	74.00	14.93	3.60	H	249.4	1.00
5	5,355.800	68.04	74.00	5.96	3.60	H	249.4	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,296.100	97.92			3.48	V	313.9	2.00
5	5,350.000	39.76	54.00	14.24	3.60	V	5.1	1.00
5	5,350.700	39.80	54.00	14.20	3.60	V	5.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,296.100	110.94			3.48	V	284	1.00
5	5,350.000	53.39	74.00	20.61	3.60	V	357.5	1.00
5	5,356.100	63.74	74.00	10.26	3.60	V	1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,328.400	97.99			3.55	H	354.9	2.00
6	5,350.000	41.22	54.00	12.78	3.60	H	354.9	2.00
6	5,352.400	41.18	54.00	12.82	3.60	H	354.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,328.400	110.62			3.55	H	355.5	2.00
6	5,350.000	69.68	74.00	4.32	3.60	H	355.5	2.00
6	5,350.400	69.12	74.00	4.88	3.60	H	355.5	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,326.400	97.11			3.54	V	316.3	2.00
6	5,350.000	39.91	54.00	14.09	3.60	V	359	1.00
6	5,350.800	39.89	54.00	14.11	3.60	V	359	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,326.800	110.18			3.54	V	315.2	2.00
6	5,350.000	66.61	74.00	7.39	3.60	V	269.7	1.00
6	5,350.400	66.24	74.00	7.76	3.60	V	104.8	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11ax (20MHz) (RU106):

CHANNEL	TX Channel 52	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.475	97.30			3.53	H	105.9	2.00
4	5,350.000	39.40	54.00	14.60	3.60	H	50.9	1.00
4	5,354.375	39.32	54.00	14.68	3.60	H	50.9	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,255.575	109.52			3.53	H	263.6	2.00
4	5,350.000	54.34	74.00	19.66	3.60	H	354.9	2.00
4	5,355.325	55.89	74.00	18.11	3.60	H	249.4	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,254.625	94.84			3.53	V	227.9	2.00
4	5,350.000	38.21	54.00	15.79	3.60	V	354.2	2.00
4	5,353.900	38.28	54.00	15.72	3.60	V	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.480	107.73			3.53	V	98.8	1.00
4	5,350.000	54.39	74.00	19.61	3.60	V	98.8	1.00
4	5,351.525	56.22	74.00	17.78	3.60	V	98.8	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,295.800	97.02			3.48	H	262.5	2.00
5	5,350.000	39.55	54.00	14.45	3.60	H	202.7	1.00
5	5,350.400	39.63	54.00	14.37	3.60	H	202.7	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,296.700	110.22			3.48	H	312.8	2.00
5	5,350.000	61.96	74.00	12.04	3.60	H	5.1	1.00
5	5,354.000	63.09	74.00	10.91	3.60	H	5.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,297.900	94.99			3.48	V	104.8	2.00
5	5,350.000	39.41	54.00	14.59	3.60	V	359.1	1.00
5	5,355.500	39.49	54.00	14.51	3.60	V	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,297.000	107.83			3.48	V	231.4	2.00
5	5,350.000	58.02	74.00	15.98	3.60	V	351.2	1.00
5	5,353.400	62.10	74.00	11.90	3.60	V	101.2	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,326.400	97.30			3.54	H	254.2	1.00
6	5,350.000	40.53	54.00	13.47	3.60	H	313.9	2.00
6	5,356.400	41.01	54.00	12.99	3.60	H	254.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,322.000	109.72			3.53	H	306.7	1.00
6	5,350.000	69.51	74.00	4.49	3.60	H	50.8	1.00
6	5,351.200	69.36	74.00	4.64	3.60	H	152.5	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,326.000	95.65			3.54	V	111.9	2.00
6	5,350.000	39.86	54.00	14.14	3.60	V	111.9	2.00
6	5,350.400	39.92	54.00	14.08	3.60	V	111.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,327.200	109.90			3.55	V	113.1	2.00
6	5,350.000	69.65	74.00	4.35	3.60	V	359	1.00
6	5,354.000	70.25	74.00	3.75	3.60	V	113.1	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11ax (20MHz) (RU242):

CHANNEL	TX Channel 52	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,262.700	90.67			3.52	H	359.1	1.00
4	5,350.000	38.29	54.00	15.71	3.60	H	116.6	2.00
4	5,350.575	38.34	54.00	15.66	3.60	H	355	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,262.230	106.94			3.52	H	44.9	1.00
4	5,350.000	52.57	74.00	21.43	3.60	H	1.8	2.00
4	5,351.050	52.83	74.00	21.17	3.60	H	266.2	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,261.275	89.89			3.52	V	359	1.00
4	5,350.000	38.06	54.00	15.94	3.60	V	110.7	2.00
4	5,354.375	38.14	54.00	15.86	3.60	V	260.1	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,257.950	105.50			3.53	V	115.5	2.00
4	5,350.000	51.84	74.00	22.16	3.60	V	1.7	2.00
4	5,385.725	52.83	74.00	21.17	3.62	V	1.7	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,297.000	91.74			3.48	H	138.2	1.00
5	5,350.000	38.97	54.00	15.03	3.60	H	355.6	2.00
5	5,350.700	38.97	54.00	15.03	3.60	H	355.6	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,298.800	105.84			3.47	H	284	2.00
5	5,350.000	52.27	74.00	21.73	3.60	H	359	1.00
5	5,352.200	53.21	74.00	20.79	3.60	H	5.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,301.200	91.00			3.48	V	351.3	1.00
5	5,350.000	39.04	54.00	14.96	3.60	V	351.3	1.00
5	5,354.600	39.15	54.00	14.85	3.60	V	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,300.600	105.48			3.48	V	359.1	1.00
5	5,350.000	51.91	74.00	22.09	3.60	V	1.7	2.00
5	5,368.100	52.75	74.00	21.25	3.61	V	1	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5300MHz: Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,318.800	90.89			3.52	H	263.7	2.00
6	5,350.000	39.08	54.00	14.92	3.60	H	231.5	1.00
6	5,352.800	39.22	54.00	14.78	3.60	H	231.5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,322.400	104.75			3.53	H	0.9	2.00
6	5,350.000	52.98	74.00	21.02	3.60	H	0.9	2.00
6	5,360.000	54.70	74.00	19.30	3.61	H	208.7	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,318.400	89.06			3.52	V	5	1.00
6	5,350.000	38.55	54.00	15.45	3.60	V	357.4	1.00
6	5,350.400	38.53	54.00	15.47	3.60	V	264.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,316.800	104.13			3.52	V	104.8	2.00
6	5,350.000	52.37	74.00	21.63	3.60	V	46.1	1.00
6	5,352.400	53.55	74.00	20.45	3.60	V	281.6	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.

802.11ax (40MHz) (RU484):

CHANNEL	TX Channel 54	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,270.800	88.57			3.51	H	202.1	1.00
3	5,350.000	39.65	54.00	14.35	3.60	H	251.8	1.00
3	5,354.400	39.88	54.00	14.12	3.60	H	251.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,267.500	104.11			3.52	H	83.4	2.00
3	5,350.000	53.16	74.00	20.84	3.60	H	333.5	2.00
3	5,351.833	54.40	74.00	19.60	3.60	H	333.5	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,272.633	91.39			3.51	V	151.9	1.00
3	5,350.000	40.17	54.00	13.83	3.60	V	126.2	1.00
3	5,350.367	40.16	54.00	13.84	3.60	V	126.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,263.100	103.80			3.52	V	222.5	1.00
3	5,350.000	52.90	74.00	21.10	3.60	V	359.1	1.00
3	5,355.133	53.58	74.00	20.42	3.60	V	359.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5270MHz: Fundamental frequency.

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,311.000	88.79			3.51	H	226.1	1.00
4	5,350.000	40.52	54.00	13.48	3.60	H	176.5	1.00
4	5,350.500	40.43	54.00	13.57	3.60	H	176.5	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,314.000	103.96			3.51	H	359.1	1.00
4	5,350.000	54.65	74.00	19.35	3.60	H	258.8	2.00
4	5,381.500	54.79	74.00	19.21	3.62	H	132.2	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,307.500	88.73			3.50	V	208.6	2.00
4	5,350.000	39.56	54.00	14.44	3.60	V	308.4	2.00
4	5,352.500	39.61	54.00	14.39	3.60	V	308.4	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,308.500	102.32			3.50	V	76.6	2.00
4	5,350.000	52.84	74.00	21.16	3.60	V	28.4	1.00
4	5,367.000	53.58	74.00	20.42	3.61	V	353.6	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5310MHz: Fundamental frequency.

802.11ax (80MHz) (RU996):

CHANNEL	TX Channel 58	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,288.400	87.55			3.49	H	313.9	2.00
1	5,350.000	42.73	54.00	11.27	3.60	H	313.9	2.00
1	5,364.667	45.23	54.00	8.77	3.61	H	354.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,290.970	101.03			3.48	H	355.5	2.00
1	5,350.000	57.77	74.00	16.23	3.60	H	5.1	1.00
1	5,380.433	60.71	74.00	13.29	3.62	H	355.5	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,287.667	83.59			3.49	V	58.1	1.00
1	5,350.000	40.75	54.00	13.25	3.60	V	359.1	1.00
1	5,356.967	41.26	54.00	12.74	3.61	V	357.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,286.570	100.31			3.49	V	314	2.00
1	5,350.000	54.04	74.00	19.96	3.60	V	337.5	1.00
1	5,352.200	57.08	74.00	16.92	3.60	V	359.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5290MHz: Fundamental frequency.

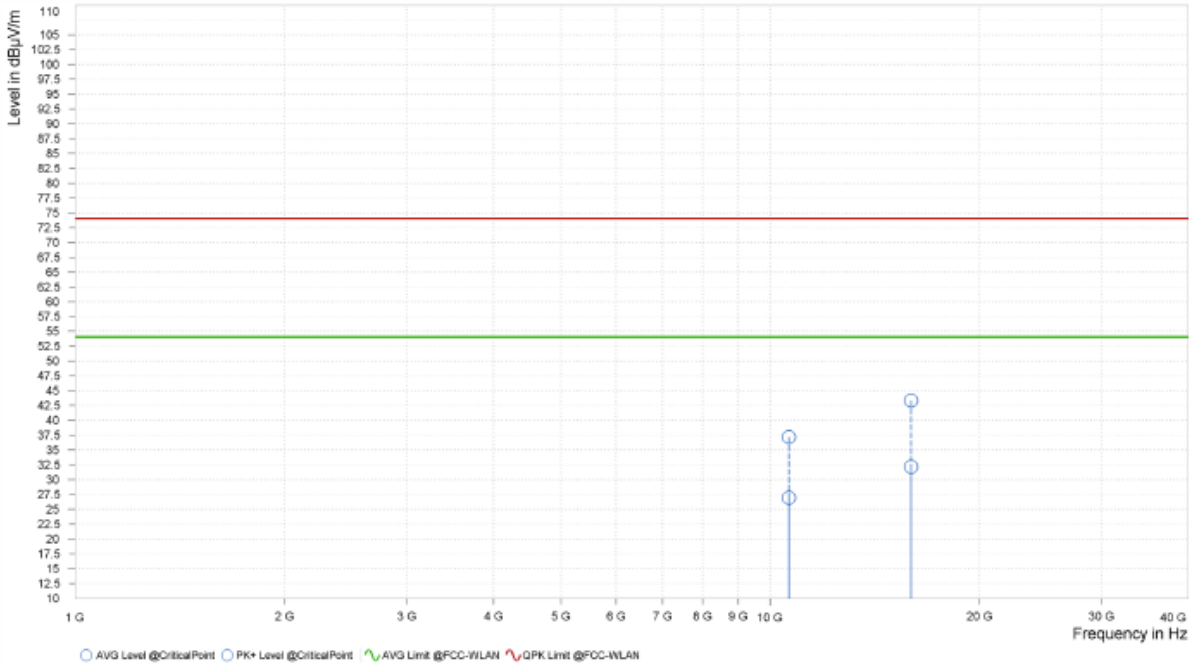
802.11ax (20MHz) (RU106):

Worst case harmonic:

CHANNEL	TX Channel 64	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

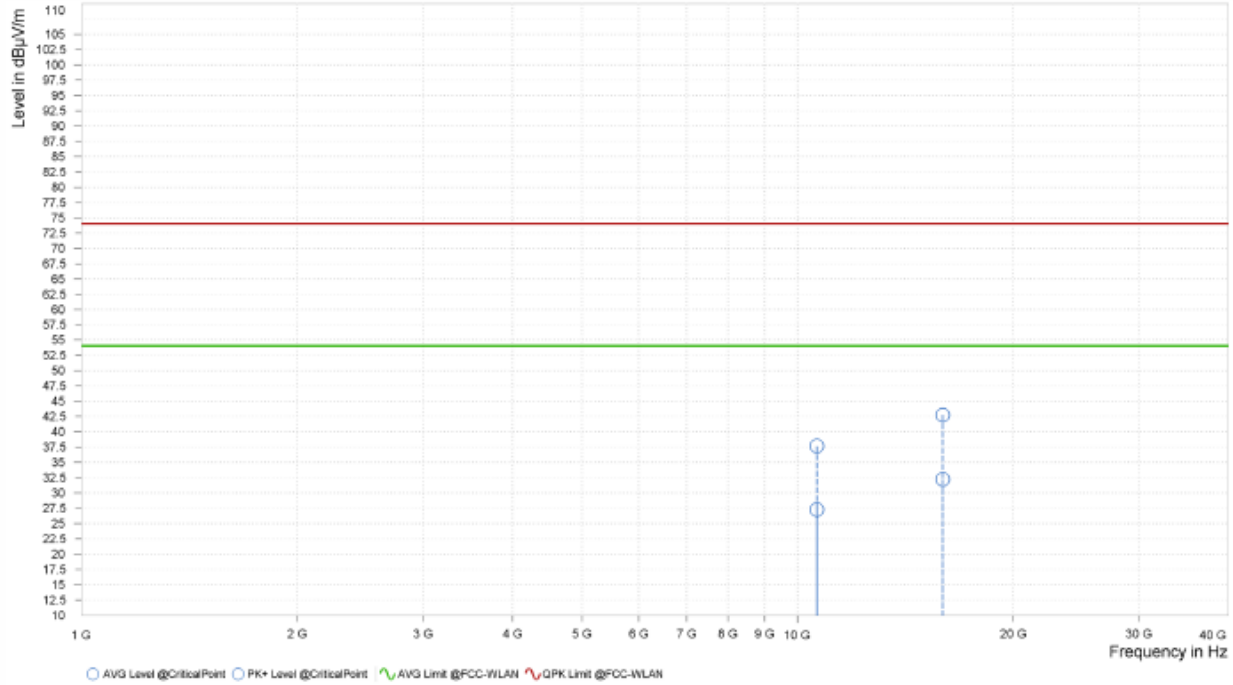
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	10,640.000	37.16	74.00	36.84	26.95	54.00	27.05	12.29	H	0.9	2.00
4	15,960.000	43.33	74.00	30.67	32.16	54.00	21.84	17.55	H	0.9	2.00



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	10,640.000	37.66	74.00	36.34	27.31	54.00	26.69	12.29	V	359	2.00
4	15,960.000	42.76	74.00	31.24	32.21	54.00	21.79	17.55	V	1.4	2.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5320MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

Band 3

802.11a

CHANNEL	TX Channel 100	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,447.100	40.27	54.00	13.73	3.74	H	247	1.00
7	5,460.000	40.26	54.00	13.74	3.76	H	247	1.00
7	5,498.850	97.76			3.86	H	343	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,443.050	55.69	74.00	18.31	3.73	H	195.5	1.00
7	5,460.000	54.72	74.00	19.28	3.76	H	359	2.00
7	5,499.300	108.88			3.86	H	354.2	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,457.450	39.13	54.00	14.87	3.76	V	0.9	2.00
7	5,460.000	39.05	54.00	14.95	3.76	V	114.2	2.00
7	5,501.100	90.77			3.86	V	5.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,448.000	53.61	74.00	20.39	3.74	V	243.4	1.00
7	5,460.000	52.73	74.00	21.27	3.76	V	359	1.00
7	5,498.850	105.64			3.86	V	115.4	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor

   Margin value = Limit value – Emission Level.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,457.200	38.25	54.00	15.75	3.76	H	0.9	2.00
8	5,460.000	38.16	54.00	15.84	3.76	H	349.3	2.00
8	5,578.750	94.53			4.12	H	359.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,459.325	53.31	74.00	20.69	3.76	H	289.9	1.00
8	5,460.000	52.08	74.00	21.92	3.76	H	289.9	1.00
8	5,577.475	107.07			4.12	H	1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,447.425	38.23	54.00	15.77	3.74	V	117.8	2.00
8	5,460.000	38.06	54.00	15.94	3.76	V	117.8	2.00
8	5,579.600	91.71			4.12	V	117.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,448.700	54.13	74.00	19.87	3.74	V	1	2.00
8	5,460.000	51.07	74.00	22.93	3.76	V	315.1	2.00
8	5,576.200	101.01			4.11	V	5.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5580MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,718.500	104.33			4.49	H	116.6	2.00
9	5,850.000	53.15	68.20	15.05	5.38	H	165.8	2.00
9	5,896.000	54.68	68.20	13.52	5.47	H	18.7	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,718.500	102.27			4.49	V	95.2	1.00
9	5,850.000	52.47	68.20	15.73	5.38	V	359	1.00
9	5,881.000	53.18	68.20	15.02	5.44	V	5	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5720MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11n (20MHz)

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,457.000	40.03	54.00	13.97	3.76	H	359	2.00
7	5,460.000	39.83	54.00	14.17	3.76	H	359	2.00
7	5,498.850	95.70			3.86	H	44.9	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,434.950	54.66	74.00	19.34	3.71	H	264.9	2.00
7	5,460.000	54.04	74.00	19.96	3.76	H	1	1.00
7	5,504.250	107.64			3.87	H	358.7	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,459.700	39.58	54.00	14.42	3.76	V	105.9	2.00
7	5,460.000	39.58	54.00	14.42	3.76	V	105.9	2.00
7	5,498.400	95.74			3.85	V	105.9	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,450.250	53.40	74.00	20.60	3.74	V	314	2.00
7	5,460.000	52.91	74.00	21.09	3.76	V	359.1	1.00
7	5,498.850	105.72			3.86	V	227.9	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,459.325	38.22	54.00	15.78	3.76	H	44.9	1.00
8	5,460.000	38.22	54.00	15.78	3.76	H	44.9	1.00
8	5,581.300	93.87			4.13	H	281.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,448.700	53.69	74.00	20.31	3.74	H	15.6	2.00
8	5,460.000	51.97	74.00	22.03	3.76	H	355.5	2.00
8	5,578.750	105.15			4.12	H	359	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,458.050	37.89	54.00	16.11	3.76	V	304.4	2.00
8	5,460.000	37.71	54.00	16.29	3.76	V	253	2.00
8	5,579.175	91.87			4.12	V	104.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,438.075	53.68	74.00	20.32	3.71	V	331.8	1.00
8	5,460.000	52.36	74.00	21.64	3.76	V	357.6	1.00
8	5,578.750	107.79			4.12	V	312.7	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5580MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,719.500	103.64			4.49	H	355.6	2.00
9	5,850.000	52.50	68.20	15.70	5.37	H	1.8	2.00
9	5,872.500	54.55	68.20	13.65	5.42	H	0.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,718.500	103.84			4.49	V	264.9	2.00
9	5,850.000	52.80	68.20	15.40	5.37	V	283.9	1.00
9	5,853.000	54.46	68.20	13.74	5.38	V	165.8	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5720MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11n (40MHz)

CHANNEL	TX Channel 102	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,458.000	42.32	54.00	11.68	3.76	H	107.1	2.00
5	5,460.000	42.02	54.00	11.98	3.77	H	82.1	2.00
5	5,511.500	93.54			3.88	H	309.7	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,459.500	58.28	74.00	15.72	3.76	H	328.7	1.00
5	5,460.000	59.73	74.00	14.27	3.77	H	81	2.00
5	5,507.500	104.24			3.88	H	353.2	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,459.500	40.93	54.00	13.07	3.76	V	250.6	1.00
5	5,460.000	41.30	54.00	12.70	3.77	V	250.6	1.00
5	5,507.500	90.77			3.88	V	307.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,459.500	57.97	74.00	16.03	3.76	V	79	2.00
5	5,460.000	59.63	74.00	14.37	3.77	V	79	2.00
5	5,518.500	103.69			3.90	V	105.4	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5510MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 118	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	38.54	54.00	15.46	3.75	H	52.8	1.00
7	5,588.000	93.50			4.16	H	101.8	2.00
7	5,725.000	38.60	54.00	15.40	4.49	H	78.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	51.98	74.00	22.02	3.75	H	281	2.00
7	5,586.400	104.09			4.16	H	282.7	1.00
7	5,725.000	53.13	74.00	20.87	4.49	H	1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	38.48	54.00	15.52	3.76	V	54.6	1.00
7	5,588.800	92.65			4.17	V	277.4	1.00
7	5,725.000	38.84	54.00	15.16	4.49	V	101.3	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	51.91	74.00	22.09	3.75	V	140	1.00
7	5,588.400	100.94			4.17	V	4.4	1.00
7	5,725.000	52.91	74.00	21.09	4.49	V	274.3	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5590MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,708.230	100.60			4.49	H	253.5	1.00
8	5,850.000	52.24	68.20	15.96	5.37	H	283.3	2.00
8	5,852.700	54.17	68.20	14.03	5.38	H	233.1	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,704.200	102.18			4.48	V	153.8	1.00
8	5,850.000	52.64	68.20	15.56	5.38	V	27.2	1.00
8	5,894.133	53.98	68.20	14.22	5.47	V	279.1	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5710MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ac (20MHz)

CHANNEL	TX Channel 100	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,459.250	39.71	54.00	14.29	3.76	H	355.5	2.00
7	5,460.000	39.84	54.00	14.16	3.76	H	304.4	1.00
7	5,498.850	94.63			3.86	H	312.7	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,456.100	54.62	74.00	19.38	3.76	H	1	1.00
7	5,460.000	53.17	74.00	20.83	3.76	H	355.6	2.00
7	5,498.400	106.04			3.85	H	1	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,458.350	40.34	54.00	13.66	3.76	V	109.5	2.00
7	5,460.000	40.04	54.00	13.96	3.76	V	109.5	2.00
7	5,501.100	94.35			3.86	V	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,444.850	55.05	74.00	18.95	3.73	V	313.9	2.00
7	5,460.000	53.47	74.00	20.53	3.76	V	0.9	2.00
7	5,498.400	106.34			3.85	V	313.9	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,457.625	38.26	54.00	15.74	3.76	H	180.1	1.00
8	5,460.000	38.17	54.00	15.83	3.76	H	180.1	1.00
8	5,577.475	94.99			4.12	H	1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,434.250	53.01	74.00	20.99	3.71	H	158.6	2.00
8	5,460.000	51.42	74.00	22.58	3.76	H	5	1.00
8	5,578.750	106.20			4.12	H	10.7	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,446.575	38.16	54.00	15.84	3.73	V	48.5	1.00
8	5,460.000	37.98	54.00	16.02	3.76	V	0.9	2.00
8	5,577.900	91.96			4.12	V	312.8	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,437.225	52.89	74.00	21.11	3.71	V	331.8	1.00
8	5,460.000	51.56	74.00	22.44	3.76	V	200.3	2.00
8	5,577.900	105.31			4.12	V	150.2	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5580MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 144	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,718.500	103.04			4.49	H	355.6	2.00
9	5,850.000	52.01	68.20	16.19	5.37	H	101.1	1.00
9	5,889.500	53.98	68.20	14.22	5.46	H	355.6	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,718.000	107.54			4.49	V	103.6	2.00
9	5,850.000	53.06	68.20	15.14	5.37	V	300.8	1.00
9	5,857.000	54.72	68.20	13.48	5.39	V	51	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5720MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ac (40MHz)

CHANNEL	TX Channel 102	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,459.000	46.10	54.00	7.90	3.76	H	79.1	1.00
5	5,460.000	45.70	54.00	8.30	3.77	H	27.8	1.00
5	5,508.500	93.85			3.88	H	79.1	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,459.000	63.22	74.00	10.78	3.76	H	79.8	1.00
5	5,460.000	61.82	74.00	12.18	3.77	H	79.8	1.00
5	5,511.500	105.39			3.88	H	312.6	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,459.500	44.83	54.00	9.17	3.76	V	153.1	2.00
5	5,460.000	45.13	54.00	8.87	3.77	V	153.1	2.00
5	5,508.000	91.66			3.88	V	306.6	2.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,459.500	62.14	74.00	11.86	3.76	V	153.8	2.00
5	5,460.000	62.13	74.00	11.87	3.77	V	153.8	2.00
5	5,507.500	104.09			3.88	V	306.6	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5510MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 118	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	39.17	54.00	14.83	3.74	H	309	1.00
7	5,573.200	95.08			4.10	H	332.2	2.00
7	5,725.000	39.00	54.00	15.00	4.49	H	283.9	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	52.09	74.00	21.91	3.75	H	307.9	1.00
7	5,576.000	106.79			4.11	H	1	1.00
7	5,725.000	52.58	74.00	21.42	4.49	H	332.8	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	38.45	54.00	15.55	3.75	V	165.1	1.00
7	5,587.600	93.86			4.16	V	120.9	2.00
7	5,725.000	38.63	54.00	15.37	4.49	V	319.8	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,460.000	51.93	74.00	22.07	3.76	V	292.8	1.00
7	5,577.200	106.27			4.11	V	100.6	2.00
7	5,725.000	52.60	74.00	21.40	4.51	V	359	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5590MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 142	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,712.267	101.26			4.49	H	312.6	1.00
8	5,850.000	52.97	68.20	15.23	5.37	H	129.8	1.00
8	5,868.100	53.97	68.20	14.23	5.41	H	357.8	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,708.230	101.29			4.49	V	152.6	2.00
8	5,850.000	53.23	68.20	14.97	5.37	V	355.5	2.00
8	5,862.967	54.36	68.20	13.84	5.40	V	152.6	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5710MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ac(80MHz)

CHANNEL	TX Channel 106	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,454.267	44.15	54.00	9.85	3.75	H	1	1.00
2	5,460.000	43.70	54.00	10.30	3.76	H	355.5	2.00
2	5,527.100	90.89			3.93	H	287.6	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,438.933	58.80	74.00	15.20	3.72	H	48.5	1.00
2	5,460.000	58.02	74.00	15.98	3.76	H	354.9	2.00
2	5,527.100	102.52			3.93	H	359.1	1.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,455.800	44.37	54.00	9.63	3.76	V	254.2	1.00
2	5,460.000	42.86	54.00	11.14	3.76	V	48.6	1.00
2	5,528.250	91.18			3.93	V	254.2	1.00

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	5,454.650	58.46	74.00	15.54	3.75	V	107.2	2.00
2	5,460.000	55.83	74.00	18.17	3.76	V	238.7	1.00
2	5,536.300	99.20			3.95	V	157.4	2.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5530MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,687.670	100.58			4.46	H	312.7	2.00
4	5,850.000	53.05	68.20	15.15	5.37	H	359	2.00
4	5,896.533	54.02	68.20	14.18	5.47	H	209.9	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,688.100	99.27			4.46	V	276.8	1.00
4	5,850.000	52.79	68.20	15.41	5.37	V	151.4	2.00
4	5,884.400	53.86	68.20	14.34	5.45	V	276.8	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5690MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ac(160MHz)

CHANNEL	TX Channel 114	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,388.938	65.33	74.00	8.67	12.17	H	288.5	1.00
7	5,470.000	59.91	74.00	14.09	12.12	H	1	1.00
7	5,573.563	96.47			12.37	H	244.7	2.00

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,410.375	47.92	54.00	6.08	12.18	H	290.9	1.00
7	5,470.000	44.58	54.00	9.42	12.12	H	359.1	1.00
7	5,573.125	85.08			12.37	H	244.7	2.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,408.188	65.87	74.00	8.13	12.18	V	164.2	1.00
7	5,470.000	60.07	74.00	13.93	12.12	V	164.2	1.00
7	5,573.125	99.69			12.37	V	164.2	1.00

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
7	5,416.938	49.45	54.00	4.55	12.17	V	289.7	1.00
7	5,470.000	48.29	54.00	5.71	12.12	V	114	1.00
7	5,573.125	86.87			12.37	V	172.6	1.00

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value – Emission Level.
2. 5570MHz: Fundamental frequency.
3. #: Out of restricted band.