FCC TEST REPORT

(Part 15, Subpart E)

Applicant:	Lenovo (Shanghai) Electronics Technology Co., Ltd.
Address:	Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone

Manufacturer or Supplier:	Lenovo PC HK Limited
Address:	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, China
Product:	Portable Tablet Computer
Brand Name:	Lenovo
Model Name:	TB132FU
FCC ID:	O57TB132FU
Date of tests:	Mar. 21, 2022 ~ Apr. 06, 2022
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 Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
Simon Date: Apr. 06, 2022	Luke Lu Date: Apr. 06, 2022

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TABLE OF CONTENTS

RELEASE CONTROL RECORD 4

1 SUMMARY OF TEST RESULTS 5
1.1 MEASUREMENT UNCERTAINTY 6
2 GENERAL INFORMATION 7
2.1 GENERAL DESCRIPTION OF EUT 7
2.2 DESCRIPTION OF TEST MODES 9
2.2.1 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL 12
2.3 DUTY CYCLE OF TEST SIGNAL 16
2.4 DESCRIPTION OF SUPPORT UNITS 16
2.4.1 CONFIGURATION OF SYSTEM UNDER TEST 17
2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS 17

3 TEST TYPES AND RESULTS 18

3.1 RADIATED EMISSION AND BANDEDGE MEASUREMENT 18
3.1.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT 18
3.1.2 LIMITS OF UNWANTED EMISSION 18
3.1.3 TEST INSTRUMENTS 19
3.1.4 TEST PROCEDURES 20
3.1.5 DEVIATION FROM TEST STANDARD 20
3.1.6 TEST SETUP 21
3.1.7 EUT OPERATING CONDITION 22
3.1.8 TEST RESULTS 23
3.2 CONDUCTED EMISSION MEASUREMENT 95
3.2.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT 95
3.2.2 TEST INSTRUMENTS 95
3.2.3 TEST PROCEDURES 95
3.2.4 DEVIATION FROM TEST STANDARD 96
3.2.5 TEST SETUP 96
3.2.6 EUT OPERATING CONDITIONS 96
3.2.7 TEST RESULTS 97
3.3 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT 99
3.3.1 LIMITS OF MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT 99
3.3.2 TEST SETUP 100
3.3.3 TEST INSTRUMENTS 100

3.3.4 TEST PROCEDURE 101
3.3.5 DEVIATION FROM TEST STANDARD 103
3.3.6 EUT OPERATING CONDITIONS 103
3.3.7 TEST RESULTS 103
3.4 MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT 106
3.4.1 LIMITS OF MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT 106
3.4.2 TEST SETUP 106
3.4.3 TEST INSTRUMENTS 106
3.4.4 TEST PROCEDURES 107
3.4.5 DEVIATION FROM TEST STANDARD 107
3.4.6 EUT OPERATING CONDITIONS 107
3.4.7 TEST RESULTS 108

4 PHOTOGRAPHS OF THE TEST CONFIGURATION 109

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB110

6 APPENDIX 111

APPENDIX A: 111

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P22030011RF05	Original release	Apr. 06, 2022

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**
15.407(b)(6)	AC Power Conducted Emission	Compliance
15.407(b) (1/2/3/4/5)	Radiated Emission & Band Edge Measurement	Compliance
15.407(a/1/2/3)	Maximum conducted output Power	Compliance
15.407(a/1/2/3)	Peak Power Spectral Density	Compliance
15.403(i)	26 dB Bandwidth	Compliance
15.407(e)	6 dB Bandwidth	Compliance
15.203	Antenna Requirement	Compliance

NOTE:

1.Except the data of RSE, other data of 802.11ax 20 (RU 26/52/106/242) & 802.11ax 40 (RU 26/52/106/242/484) & 802.11ax 80 (RU 26/52/106/242/484/996) please refer to the Appendix

2. WLAN(normal mode& RU-OFDMA)5G supports SISO&MIMO mode，the whole testing have assessed the MIMO mode by referring to their maximum conducted power

3. 11ax support full RU tone and partial RU tone, the whole testing have assessed the RU26 tone and FUll tone mode referring to their maximum conducted power

4. Only the worse data were report

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 (30MHz~1GMHz)	±4.98dB
Radiated emissions (1GMHz ~6GMHz)	±4.70dB
Radiated emissions (6GMHz ~18GMHz)	±4.60dB
Radiated emissions (18GMHz ~40GMHz)	±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.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Portable Tablet Computer
BRAND NAME	Lenovo
MODEL NAME	TB132FU
NOMINAL VOLTAGE	3.87Vdc (Li-ion, battery) 10Vdc (adapter)
MODULATION	OFDMA
TRANSFER RATE	802.11ax: up to 1201.0Mbps
OPERATING FREQUENCY	5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz
NUMBER OF CHANNEL	5180 ~ 5240MHz: 4 for 802.11ax(20M RU 26/52/106/242) 2 for 802.11ax(40M RU 26/52/106/242/484) 1for802.11ax(80MRU26/52/106/242/484/996) 5260 ~ 5320MHz: 4 for 802.11ax(20M RU 26/52/106/242) 2 for 802.11ax(40M RU 26/52/106/242/484) 1 for 802.11ax(80M RU 26/52/106/242/484) 5500 ~ 5720MHz: 12 for 802.11ax(20M RU 26/52/106/242) 6 for 802.11ax(40M RU 26/52/106/242/484) 3for802.11ax(80MRU26/52/106/242/484/996) 5745 ~ 5825MHz: 5 for 802.11ax(20M RU 26/52/106/242) 3 for 802.11ax(40M RU 26/52/106/242/484) 2 for802.11ax(80MRU26/52/106/242/484/996)
AVERAGE POWER	32.96mW for 5180 ~ 5240MHz 37.41mW for 5260 ~ 5320MHz 35.97mW for 5500 ~ 5720MHz 31.05mW for 5745 ~ 5825MHz
ANTENNA TYPE	PIFA Antenna
ANTENNA GAIN	ANT0 -0.5 dBi for 5180 ~ 5240MHz -0.5 dBi for 5260 ~ 5320MHz -1.5 dBi for 5500 ~ 5720MHz -1.0 dBi for 5745 ~ 5825MHz ANT0 -1.0 dBi for 5180 ~ 5240MHz -1.0 dBi for 5260 ~ 5320MHz 1.0 dBi for 5500 ~ 5720MHz -1.0 dBi for 5745 ~ 5825MHz

HW VERSION	Lenovo Tablet TB132FU
SW VERSION	Lenovo TB132FU_RF01_220315
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	USB cable 1: non-shielded cable, with w/o ferrite core, 1.5 meter USB cable 2: non-shielded cable, with w/o ferrite core, 1.5 mete

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. The EUT incorporates a SISO function. Physically, the EUT provides one completed transmitter and one receiver.

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

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

List of Accessory:

ACCESSORIES	BRAND	MODEL	SPECIFICATION
AC Adapter 1	Chengyang	MC-201	I/P: 100-240Vac, 0.7A, O/P: 10.0Vdc, 2.0A
AC Adapter 2	Acbel	MC-201	I/P: 100-240Vac, 0.7A, O/P: 10.0Vdc, 2.0A
USB Cable 1	Jieye	JY-C03-408	Signal Line, 1.5meter
USB Cable 2	Saibao	SLQ-A195A	Signal Line, 1.5meter
Keyboard	Lenovo	KB686U	/
Stylus Pen	Lenovo	Lenovo BTP-131	/
Battery 1	Lenovo/SCUD	L22D2P31	3.87VDC,8200 mAh
Battery 2	Lenovo/Sunwoda	L22D2P31	3.87VDC,8200 mAh
Type C audio line	Saibao	SLQ-A197A	0.1m

2.2 DESCRIPTION OF TEST MODES

FOR 5180 ~ 5240MHz

4 channels are provided for 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 802.11ax (40MHz RU 26/52/106/242/484):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ax (80MHz RU 26/52/106/242/484/996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
42	5210 MHz		

FOR 5260 ~ 5320MHz

4 channels are provided for 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 802.11ax (40MHz RU 26/52/106/242/484):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ax (80MHz RU 26/52/106/242/484/996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
58	5290 MHz		

FOR 5500 ~ 5720MHz

12 channels are provided for 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 802.11ax (40MHz RU 26/52/106/242/484):

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 802.11ax (80MHz RU 26/52/106/242/484/996):

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

FOR 5745 ~ 5825MHz

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

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
144	5720MHz	157	5785 MHz
149	5745 MHz	165	5825 MHz
153	5765 MHz		

3 channels are provided for 802.11ax (40MHz RU 26/52/106/242/484):

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

2 channel is provided for 802.11ax (80MHz RU 26/52/106/242/484/996):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
138	5690MHz	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).
☒ 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	802.11ax (80MHz RU 996)	5180-5240	42	42	OFDMA	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).

☒ 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	802.11ax (20MHz RU 26/242)	5180-5240	36 to 48	36,	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		38 to 46	38	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		42	42	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5260-5320	52 to 64	64	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		54 to 62	62	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		58	58	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		102 to 142	102, 110, 134, 142	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		106 to 138	106, 138	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5745-5825	144 to 165	144, 149, 157,165	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		142 to 159	142, 151, 159	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		138,155	138, 155	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).

☒ 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	802.11ax (80MHz RU 996)	5180-5240	42	42	OFDMA	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).

☒ 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	802.11ax (20MHz RU 26/242)	5180-5240	36 to 48	36,	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		38 to 46	38	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		42	42	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5260-5320	52 to 64	64	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		54 to 62	62	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		58	58	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		102 to 142	102, 110, 134, 142	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		106 to 138	106, 138	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5745-5825	144 to 165	144, 149, 157,165	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		142 to 159	142, 151, 159	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		138,155	138, 155	OFDMA	MCS0

ANTENNA PORT CONDUCTED MEASUREMENT:

☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
☒ 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).
☒ 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	802.11ax (20MHz RU 26/242)	5180-5240	36 to 48	36,	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		38 to 46	38	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		42	42	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5260-5320	52 to 64	64	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		54 to 62	62	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		58	58	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		102 to 142	102, 110, 134, 142	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		106 to 138	106, 138	OFDMA	MCS0
A	802.11ax (20MHz RU 26/242)	5745-5825	144 to 165	144, 149, 157,165	OFDMA	MCS0
A	802.11ax (40MHz RU 26/484)		142 to 159	142, 151, 159	OFDMA	MCS0
A	802.11ax (80MHz RU 26/996)		138,155	138, 155	OFDMA	MCS0

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE<1G	23deg. C, 70%RH	DC10V By Adapter	Star Le
RE≥1G	23deg. C, 70%RH	DC10V By Adapter	Star Le
PLC	25deg. C, 52%RH	DC10V By Adapter	Lily Zhao
APCM	25deg. C, 60%RH	DC 3.87V By Battery	James Fu

2.3 DUTY CYCLE OF TEST SIGNAL

Please Refer to Appendix of this test report.

WORST-CASE DATA:

Measured Duty Cycle		
Mode		Duty Cycle [%]
		ANT1
5GHZ	802.11ax (20MHz RU 26/242)	100.00
	802.11ax (40MHz RU 26/484)	100.00
	802.11ax (80MHz RU 26/996)	100.00

Note:
Duty cycle of test signal is < 98%, duty factor shall be considered.

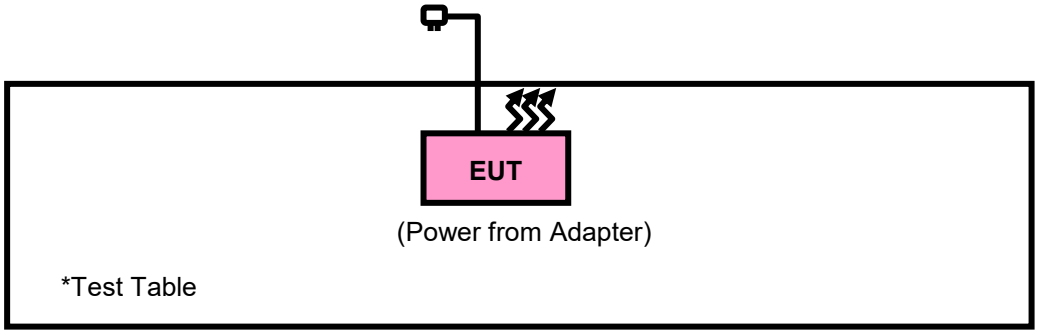
2.4 DESCRIPTION OF SUPPORT UNITS

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	Thnikpad L440	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 C63.10-2013

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

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

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

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn-CT0001143-1216	May. 19,20	May. 18,23
Bilog Antenna	ETS-LINDGREN	3143B	00161964	Feb. 24,22	Feb. 23,23
Horn Antenna	ETS-LINDGREN	3117	00168692	Mar. 06,22	Mar. 05,23
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K-SG/QMS-00361	15433	Aug. 25, 21	Aug. 24, 22
Test Software	E3	V 9.160323	N/A	N/A	N/A
Test Software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A	N/A
10dB Attenuator	JFW/USA	50HF-010-SMA	1505	Jun. 03,21	Jun. 02,22
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Apr. 27,21	Apr. 26,22
Signal Pre-Amplifier	EMSI	EMC 9135	980249	Jun. 02,21	Jun. 01,22
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	Jun. 02,21	Jun. 01,22
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Apr. 30,21	Apr. 29,22
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 25,21	Aug. 24,22
Power Meter	Anritsu	ML2495A	1506002	Feb. 22,22	Feb. 21,23
Power Sensor	Anritsu	MA2411B	1339352	May. 07,21	May. 06,22
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep.05,21	Sep.04,22

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.

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:

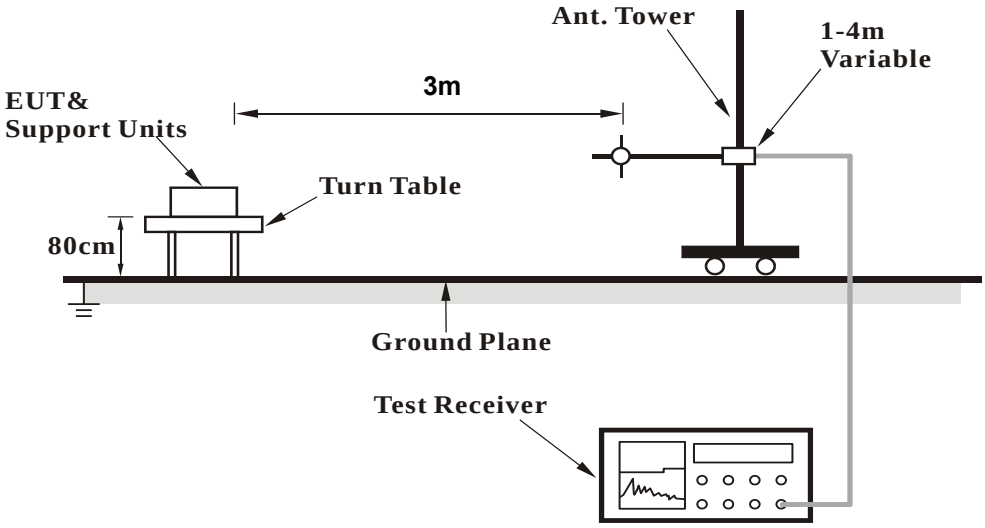
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency 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

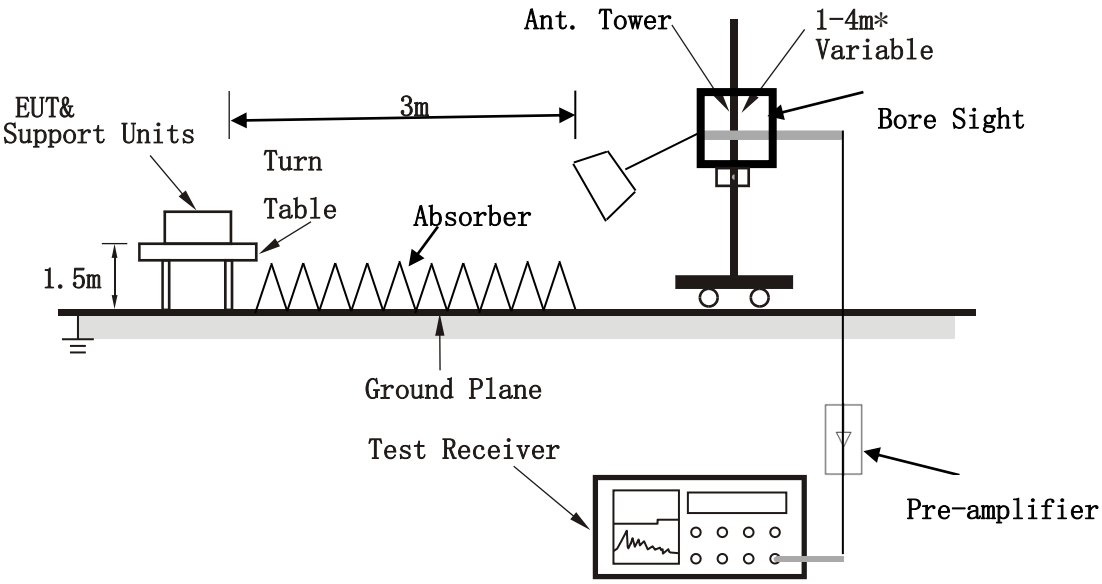
No deviation.

3.1.6 TEST SETUP

< Frequency Range 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

BELOW 1GHz WORST-CASE DATA:

Note: For frequency below 30MHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

30 MHz – 1GHz data:

Band 1

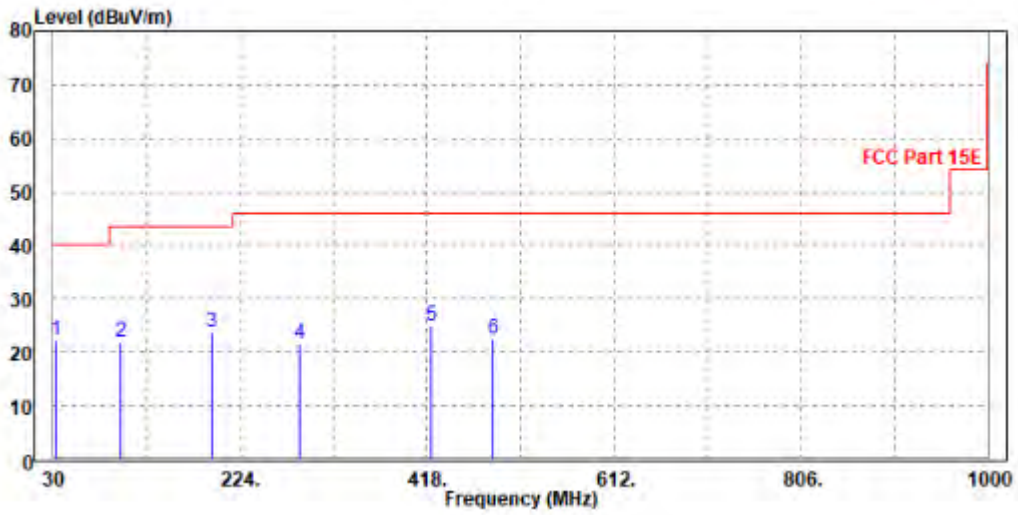
802.11ax (80MHz) (RU996):

CHANNEL	TX Channel 42	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
32.91	22.1	39.82	40	-17.9	19.43	0.32	37.47	200	0	Peak
99.84	21.8	50.24	43.5	-21.7	8.19	0.53	37.16	200	0	Peak
193.93	23.61	48.7	43.5	-19.89	10.76	0.73	36.58	200	0	Peak
286.08	21.6	43.65	46	-24.4	13.78	0.89	36.72	200	0	Peak
422.85	24.88	43.33	46	-21.12	17.31	1.11	36.87	200	0	Peak
486.87	22.5	39.82	46	-23.5	18.46	1.2	36.98	200	0	Peak

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 = Emission level – Limit value.

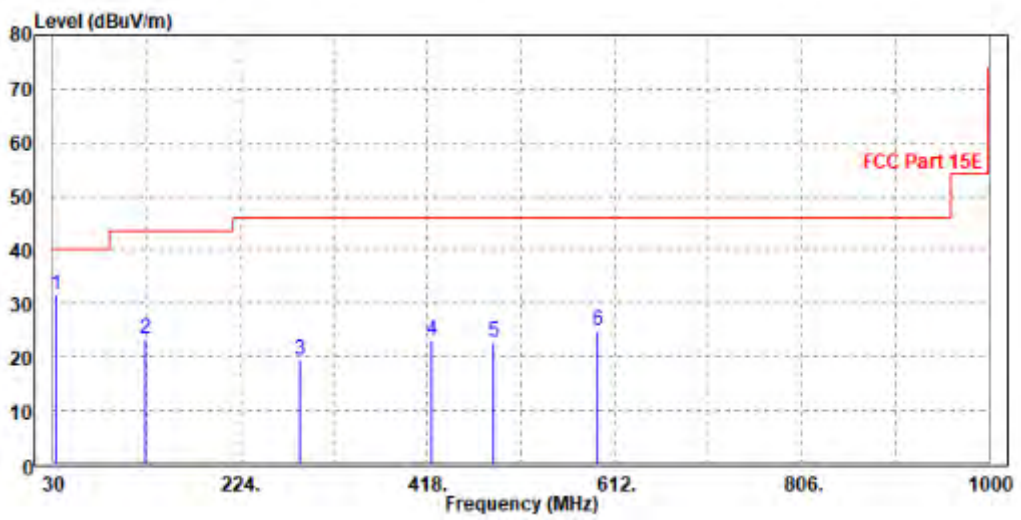


CHANNEL	Channel 42	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
32.91	31.56	49.79	40	-8.44	18.92	0.32	37.47	300	0	Peak
125.06	23.35	51.89	43.5	-20.15	7.9	0.6	37.04	300	0	Peak
286.08	19.62	40.78	46	-26.38	14.67	0.89	36.72	300	0	Peak
422.85	23.15	41.28	46	-22.85	17.63	1.11	36.87	300	0	Peak
486.87	22.8	39.73	46	-23.2	18.85	1.2	36.98	300	0	Peak
594.54	25.06	40.26	46	-20.94	20.8	1.35	37.35	300	0	Peak

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 = Emission level – Limit value.



5G WIFI-RU

ABOVE 1GHz WORST-CASE DATA:

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

Band 1

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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.86	57.17	74	-19.14	34.52	9.52	46.35	120	195	Peak
5150	48.9	51.21	54	-5.1	34.52	9.52	46.35	120	195	Average
5180	108.47	110.7	/	/	34.54	9.58	46.35	120	195	Peak
5180	101.38	103.61	/	/	34.54	9.58	46.35	120	195	Average
5350	56.41	58.09	74	-17.59	34.68	9.94	46.3	120	195	Peak
5350	47.83	49.51	54	-6.17	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	56.62	58.85	74	-17.38	34.6	9.52	46.35	100	65	Peak
5150	48.88	51.11	54	-5.12	34.6	9.52	46.35	100	65	Average
5180	107.48	109.65	/	/	34.6	9.58	46.35	100	65	Peak
5180	100.46	102.63	/	/	34.6	9.58	46.35	100	65	Average
5350	54.4	56.16	74	-19.6	34.6	9.94	46.3	100	65	Peak
5350	48.21	49.97	54	-5.79	34.6	9.94	46.3	100	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.72	57.03	74	-19.28	34.52	9.52	46.35	120	195	Peak
5150	49.04	51.35	54	-4.96	34.52	9.52	46.35	120	195	Average
5200	107.99	110.15	/	/	34.56	9.62	46.34	120	195	Peak
5200	100.46	102.62	/	/	34.56	9.62	46.34	120	195	Average
5350	53.77	55.45	74	-20.23	34.68	9.94	46.3	120	195	Peak
5350	47.95	49.63	54	-6.05	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.51	56.74	74	-19.49	34.6	9.52	46.35	100	65	Peak
5150	49.19	51.42	54	-4.81	34.6	9.52	46.35	100	65	Average
5200	106.28	108.4	/	/	34.6	9.62	46.34	100	65	Peak
5200	98.8	100.92	/	/	34.6	9.62	46.34	100	65	Average
5350	54.04	55.8	74	-19.96	34.6	9.94	46.3	100	65	Peak
5350	48.01	49.77	54	-5.99	34.6	9.94	46.3	100	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.3	57.61	74	-18.7	34.52	9.52	46.35	120	195	Peak
5150	49.18	51.49	54	-4.82	34.52	9.52	46.35	120	195	Average
5240	108.7	110.73	/	/	34.59	9.71	46.33	120	195	Peak
5240	101.11	103.14	/	/	34.59	9.71	46.33	120	195	Average
5350	54.97	56.65	74	-19.03	34.68	9.94	46.3	120	195	Peak
5350	48.33	50.01	54	-5.67	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.19	57.42	74	-18.81	34.6	9.52	46.35	100	5	Peak
5150	49.16	51.39	54	-4.84	34.6	9.52	46.35	100	5	Average
5240	107.24	109.26	/	/	34.6	9.71	46.33	100	5	Peak
5240	100.88	102.9	/	/	34.6	9.71	46.33	100	5	Average
5350	54.04	55.8	74	-19.96	34.6	9.94	46.3	100	5	Peak
5350	47.89	49.65	54	-6.11	34.6	9.94	46.3	100	5	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.82	58.13	74	-18.18	34.52	9.52	46.35	120	195	Peak
5150	49.1	51.41	54	-4.9	34.52	9.52	46.35	120	195	Average
5180	103.09	105.32	/	/	34.54	9.58	46.35	120	195	Peak
5180	94.69	96.92	/	/	34.54	9.58	46.35	120	195	Average
5350	54.21	55.89	74	-19.79	34.68	9.94	46.3	120	195	Peak
5350	48.18	49.86	54	-5.82	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.65	56.88	74	-19.35	34.6	9.52	46.35	100	65	Peak
5150	49.41	51.64	54	-4.59	34.6	9.52	46.35	100	65	Average
5180	100.86	103.03	/	/	34.6	9.58	46.35	100	65	Peak
5180	93.09	95.26	/	/	34.6	9.58	46.35	100	65	Average
5350	54.44	56.2	74	-19.56	34.6	9.94	46.3	100	65	Peak
5350	47.86	49.62	54	-6.14	34.6	9.94	46.3	100	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.13	57.44	74	-18.87	34.52	9.52	46.35	120	195	Peak
5150	49.3	51.61	54	-4.7	34.52	9.52	46.35	120	195	Average
5200	102.58	104.74	/	/	34.56	9.62	46.34	120	195	Peak
5200	93.6	95.76	/	/	34.56	9.62	46.34	120	195	Average
5350	54.26	55.94	74	-19.74	34.68	9.94	46.3	120	195	Peak
5350	48.04	49.72	54	-5.96	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.8	58.03	74	-18.2	34.6	9.52	46.35	100	65	Peak
5150	48.44	50.67	54	-5.56	34.6	9.52	46.35	100	65	Average
5200	100.27	102.39	/	/	34.6	9.62	46.34	100	65	Peak
5200	91.89	94.01	/	/	34.6	9.62	46.34	100	65	Average
5350	54.61	56.37	74	-19.39	34.6	9.94	46.3	100	65	Peak
5350	48.27	50.03	54	-5.73	34.6	9.94	46.3	100	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.55	57.86	74	-18.45	34.52	9.52	46.35	120	195	Peak
5150	49.28	51.59	54	-4.72	34.52	9.52	46.35	120	195	Average
5240	101.7	103.73	/	/	34.59	9.71	46.33	120	195	Peak
5240	93.76	95.79	/	/	34.59	9.71	46.33	120	195	Average
5350	53.7	55.38	74	-20.3	34.68	9.94	46.3	120	195	Peak
5350	47.93	49.61	54	-6.07	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.62	56.85	74	-19.38	34.6	9.52	46.35	100	65	Peak
5150	49.46	51.69	54	-4.54	34.6	9.52	46.35	100	65	Average
5240	100.22	102.24	/	/	34.6	9.71	46.33	100	65	Peak
5240	93.07	95.09	/	/	34.6	9.71	46.33	100	65	Average
5350	54.03	55.79	74	-19.97	34.6	9.94	46.3	100	65	Peak
5350	47.89	49.65	54	-6.11	34.6	9.94	46.3	100	65	Average

REMARKS:

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

802.11ax (40MHz) (RU26):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.85	58.16	74	-18.15	34.52	9.52	46.35	120	195	Peak
5150	49.31	51.62	54	-4.69	34.52	9.52	46.35	120	195	Average
5190	109.16	111.35	/	/	34.55	9.6	46.34	120	195	Peak
5190	101.1	103.29	/	/	34.55	9.6	46.34	120	195	Average
5350	55.31	56.99	74	-18.69	34.68	9.94	46.3	120	195	Peak
5350	47.72	49.4	54	-6.28	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.5	56.73	74	-19.5	34.6	9.52	46.35	100	65	Peak
5150	49.24	51.47	54	-4.76	34.6	9.52	46.35	100	65	Average
5190	107.8	109.94	/	/	34.6	9.6	46.34	100	65	Peak
5190	100.49	102.63	/	/	34.6	9.6	46.34	100	65	Average
5350	54.74	56.5	74	-19.26	34.6	9.94	46.3	100	65	Peak
5350	48.14	49.9	54	-5.86	34.6	9.94	46.3	100	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.4	56.71	74	-19.6	34.52	9.52	46.35	120	195	Peak
5150	49.26	51.57	54	-4.74	34.52	9.52	46.35	120	195	Average
5230	108.31	110.37	/	/	34.58	9.69	46.33	120	195	Peak
5230	101.11	103.17	/	/	34.58	9.69	46.33	120	195	Average
5350	54.55	56.23	74	-19.45	34.68	9.94	46.3	120	195	Peak
5350	48.13	49.81	54	-5.87	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.15	57.38	74	-18.85	34.6	9.52	46.35	100	98	Peak
5150	49.23	51.46	54	-4.77	34.6	9.52	46.35	100	98	Average
5230	106.83	108.87	/	/	34.6	9.69	46.33	100	98	Peak
5230	99.82	101.86	/	/	34.6	9.69	46.33	100	98	Average
5350	56.43	58.19	74	-17.57	34.6	9.94	46.3	100	98	Peak
5350	47.92	49.68	54	-6.08	34.6	9.94	46.3	100	98	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5230MHz: 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										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5150	54.21	56.52	74	-19.79	34.52	9.52	46.35	100	195	Peak
5150	50.02	52.33	54	-3.98	34.52	9.52	46.35	100	195	Average
5190	100.56	102.75	/	/	34.55	9.6	46.34	100	195	Peak
5190	91.92	94.11	/	/	34.55	9.6	46.34	100	195	Average
5350	55.92	57.6	74	-18.08	34.68	9.94	46.3	100	195	Peak
5350	48.44	50.12	54	-5.56	34.68	9.94	46.3	100	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5150	55.33	57.56	74	-18.67	34.6	9.52	46.35	100	65	Peak
5150	50.08	52.31	54	-3.92	34.6	9.52	46.35	100	65	Average
5190	99.12	101.26	/	/	34.6	9.6	46.34	100	65	Peak
5190	90.64	92.78	/	/	34.6	9.6	46.34	100	65	Average
5350	53.42	55.18	74	-20.58	34.6	9.94	46.3	100	65	Peak
5350	48	49.76	54	-6	34.6	9.94	46.3	100	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.57	57.88	74	-18.43	34.52	9.52	46.35	100	195	Peak
5150	48.93	51.24	54	-5.07	34.52	9.52	46.35	100	195	Average
5230	100.27	102.33	/	/	34.58	9.69	46.33	100	195	Peak
5230	91.91	93.97	/	/	34.58	9.69	46.33	100	195	Average
5350	54.15	55.83	74	-19.85	34.68	9.94	46.3	100	195	Peak
5350	47.79	49.47	54	-6.21	34.68	9.94	46.3	100	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.41	56.64	74	-19.59	34.6	9.52	46.35	100	65	Peak
5150	49.47	51.7	54	-4.53	34.6	9.52	46.35	100	65	Average
5230	98.45	100.49	/	/	34.6	9.69	46.33	100	65	Peak
5230	91.06	93.1	/	/	34.6	9.69	46.33	100	65	Average
5350	53.82	55.58	74	-20.18	34.6	9.94	46.3	100	65	Peak
5350	48.06	49.82	54	-5.94	34.6	9.94	46.3	100	65	Average

REMARKS:

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

802.11ax (80MHz) (RU26):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	56.13	58.44	74	-17.87	34.52	9.52	46.35	120	195	Peak
5150	49.44	51.75	54	-4.56	34.52	9.52	46.35	120	195	Average
5210	108.78	110.91	/	/	34.57	9.64	46.34	120	195	Peak
5210	101.53	103.66	/	/	34.57	9.64	46.34	120	195	Average
5350	53.44	55.12	74	-20.56	34.68	9.94	46.3	120	195	Peak
5350	48.19	49.87	54	-5.81	34.68	9.94	46.3	120	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	56.34	58.57	74	-17.66	34.6	9.52	46.35	100	65	Peak
5150	49.59	51.82	54	-4.41	34.6	9.52	46.35	100	65	Average
5210	107.3	109.4	/	/	34.6	9.64	46.34	100	65	Peak
5210	101.11	103.21	/	/	34.6	9.64	46.34	100	65	Average
5350	53.52	55.28	74	-20.48	34.6	9.94	46.3	100	65	Peak
5350	48.18	49.94	54	-5.82	34.6	9.94	46.3	100	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5210MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.62	57.93	74	-18.38	34.52	9.52	46.35	100	195	Peak
5150	50.63	52.94	54	-3.37	34.52	9.52	46.35	100	195	Average
5210	96.72	98.85	/	/	34.57	9.64	46.34	100	195	Peak
5210	89.3	91.43	/	/	34.57	9.64	46.34	100	195	Average
5350	54.11	55.79	74	-19.89	34.68	9.94	46.3	100	195	Peak
5350	48.36	50.04	54	-5.64	34.68	9.94	46.3	100	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.25	57.48	74	-18.75	34.6	9.52	46.35	100	65	Peak
5150	49.88	52.11	54	-4.12	34.6	9.52	46.35	100	65	Average
5210	96.15	98.25	/	/	34.6	9.64	46.34	100	65	Peak
5210	88.24	90.34	/	/	34.6	9.64	46.34	100	65	Average
5350	53.97	55.73	74	-20.03	34.6	9.94	46.3	100	65	Peak
5350	48.09	49.85	54	-5.91	34.6	9.94	46.3	100	65	Average

REMARKS:

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

Band 2

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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.16	56.47	74	-19.84	34.52	9.52	46.35	115	195	Peak
5150	49.49	51.8	54	-4.51	34.52	9.52	46.35	115	195	Average
5260	109.78	111.74	/	/	34.61	9.75	46.32	115	195	Peak
5260	101.88	103.84	/	/	34.61	9.75	46.32	115	195	Average
5350	53.83	55.51	74	-20.17	34.68	9.94	46.3	115	195	Peak
5350	48.44	50.12	54	-5.56	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.83	58.06	74	-18.17	34.6	9.52	46.35	100	65	Peak
5150	49.02	51.25	54	-4.98	34.6	9.52	46.35	100	65	Average
5260	108.21	110.18	/	/	34.6	9.75	46.32	100	65	Peak
5260	101.1	103.07	/	/	34.6	9.75	46.32	100	65	Average
5350	50.89	52.65	74	-23.11	34.6	9.94	46.3	100	65	Peak
5350	48.22	49.98	54	-5.78	34.6	9.94	46.3	100	65	Average

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.89	57.2	74	-19.11	34.52	9.52	46.35	215	195	Peak
5150	49.25	51.56	54	-4.75	34.52	9.52	46.35	215	195	Average
5300	108.07	109.91	/	/	34.64	9.83	46.31	215	195	Peak
5300	101.42	103.26	/	/	34.64	9.83	46.31	215	195	Average
5350	55.51	57.19	74	-18.49	34.68	9.94	46.3	215	195	Peak
5350	48.61	50.29	54	-5.39	34.68	9.94	46.3	215	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.09	57.32	74	-18.91	34.6	9.52	46.35	100	98	Peak
5150	49.75	51.98	54	-4.25	34.6	9.52	46.35	100	98	Average
5300	106.77	108.65	/	/	34.6	9.83	46.31	100	98	Peak
5300	100.42	102.3	/	/	34.6	9.83	46.31	100	98	Average
5350	55.51	57.27	74	-18.49	34.6	9.94	46.3	100	98	Peak
5350	48.5	50.26	54	-5.5	34.6	9.94	46.3	100	98	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.54	57.85	74	-18.46	34.52	9.52	46.35	115	185	Peak
5150	48.82	51.13	54	-5.18	34.52	9.52	46.35	115	185	Average
5320	108.2	109.96	/	/	34.66	9.88	46.3	115	185	Peak
5320	100.95	102.71	/	/	34.66	9.88	46.3	115	185	Average
5350	56.06	57.74	74	-17.94	34.68	9.94	46.3	115	185	Peak
5350	48.12	49.8	54	-5.88	34.68	9.94	46.3	115	185	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	56.01	58.24	74	-17.99	34.6	9.52	46.35	100	85	Peak
5150	49.02	51.25	54	-4.98	34.6	9.52	46.35	100	85	Average
5320	107.96	109.78	/	/	34.6	9.88	46.3	100	85	Peak
5320	100.94	102.76	/	/	34.6	9.88	46.3	100	85	Average
5350	54.99	56.75	74	-19.01	34.6	9.94	46.3	100	85	Peak
5350	48.3	50.06	54	-5.7	34.6	9.94	46.3	100	85	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.12	57.43	74	-18.88	34.52	9.52	46.35	115	195	Peak
5150	48.94	51.25	54	-5.06	34.52	9.52	46.35	115	195	Average
5260	100.63	102.59	/	/	34.61	9.75	46.32	115	195	Peak
5260	93.4	95.36	/	/	34.61	9.75	46.32	115	195	Average
5350	53.58	55.26	74	-20.42	34.68	9.94	46.3	115	195	Peak
5350	48.17	49.85	54	-5.83	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.68	57.91	74	-18.32	34.6	9.52	46.35	100	85	Peak
5150	49.24	51.47	54	-4.76	34.6	9.52	46.35	100	85	Average
5260	100.04	102.01	/	/	34.6	9.75	46.32	100	85	Peak
5260	93.14	95.11	/	/	34.6	9.75	46.32	100	85	Average
5350	53.95	55.71	74	-20.05	34.6	9.94	46.3	100	85	Peak
5350	48.3	50.06	54	-5.7	34.6	9.94	46.3	100	85	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.04	57.35	74	-18.96	34.52	9.52	46.35	115	195	Peak
5150	49.17	51.48	54	-4.83	34.52	9.52	46.35	115	195	Average
5300	100.63	102.47	/	/	34.64	9.83	46.31	115	195	Peak
5300	93.39	95.23	/	/	34.64	9.83	46.31	115	195	Average
5350	55.18	56.86	74	-18.82	34.68	9.94	46.3	115	195	Peak
5350	48.04	49.72	54	-5.96	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.23	57.46	74	-18.77	34.6	9.52	46.35	100	85	Peak
5150	49.34	51.57	54	-4.66	34.6	9.52	46.35	100	85	Average
5300	99.86	101.74	/	/	34.6	9.83	46.31	100	85	Peak
5300	93.02	94.9	/	/	34.6	9.83	46.31	100	85	Average
5350	54.18	55.94	74	-19.82	34.6	9.94	46.3	100	85	Peak
5350	48.18	49.94	54	-5.82	34.6	9.94	46.3	100	85	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.49	57.8	74	-18.51	34.52	9.52	46.35	115	195	Peak
5150	49.34	51.65	54	-4.66	34.52	9.52	46.35	115	195	Average
5320	100.22	101.98	/	/	34.66	9.88	46.3	115	195	Peak
5320	92.94	94.7	/	/	34.66	9.88	46.3	115	195	Average
5350	53.61	55.29	74	-20.39	34.68	9.94	46.3	115	195	Peak
5350	48.45	50.13	54	-5.55	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.63	56.86	74	-19.37	34.6	9.52	46.35	100	85	Peak
5150	49.18	51.41	54	-4.82	34.6	9.52	46.35	100	85	Average
5320	98.61	100.43	/	/	34.6	9.88	46.3	100	85	Peak
5320	92.42	94.24	/	/	34.6	9.88	46.3	100	85	Average
5350	55.56	57.32	74	-18.44	34.6	9.94	46.3	100	85	Peak
5350	48.22	49.98	54	-5.78	34.6	9.94	46.3	100	85	Average

REMARKS:

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

802.11ax (40MHz) (RU26):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.72	56.03	74	-20.28	34.52	9.52	46.35	115	185	Peak
5150	49.27	51.58	54	-4.73	34.52	9.52	46.35	115	185	Average
5270	108.59	110.52	/	/	34.62	9.77	46.32	115	185	Peak
5270	102.12	104.05	/	/	34.62	9.77	46.32	115	185	Average
5350	56.68	58.36	74	-17.32	34.68	9.94	46.3	115	185	Peak
5350	48.49	50.17	54	-5.51	34.68	9.94	46.3	115	185	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.46	56.69	74	-19.54	34.6	9.52	46.35	100	85	Peak
5150	49.08	51.31	54	-4.92	34.6	9.52	46.35	100	85	Average
5270	108.4	110.35	/	/	34.6	9.77	46.32	100	85	Peak
5270	101.79	103.74	/	/	34.6	9.77	46.32	100	85	Average
5350	53.51	55.27	74	-20.49	34.6	9.94	46.3	100	85	Peak
5350	48.35	50.11	54	-5.65	34.6	9.94	46.3	100	85	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.98	58.29	74	-18.02	34.52	9.52	46.35	115	195	Peak
5150	49.35	51.66	54	-4.65	34.52	9.52	46.35	115	195	Average
5310	108.31	110.12	/	/	34.65	9.85	46.31	115	195	Peak
5310	101.61	103.42	/	/	34.65	9.85	46.31	115	195	Average
5350	54.69	56.37	74	-19.31	34.68	9.94	46.3	115	195	Peak
5350	48.58	50.26	54	-5.42	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.89	57.12	74	-19.11	34.6	9.52	46.35	100	85	Peak
5150	49.08	51.31	54	-4.92	34.6	9.52	46.35	100	85	Average
5310	108.01	109.87	/	/	34.6	9.85	46.31	100	85	Peak
5310	100.78	102.64	/	/	34.6	9.85	46.31	100	85	Average
5350	56.21	57.97	74	-17.79	34.6	9.94	46.3	100	85	Peak
5350	48.2	49.96	54	-5.8	34.6	9.94	46.3	100	85	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5310MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.8	56.11	74	-20.2	34.52	9.52	46.35	115	195	Peak
5150	49.3	51.61	54	-4.7	34.52	9.52	46.35	115	195	Average
5270	99.62	101.55	/	/	34.62	9.77	46.32	115	195	Peak
5270	92.24	94.17	/	/	34.62	9.77	46.32	115	195	Average
5350	53.91	55.59	74	-20.09	34.68	9.94	46.3	115	195	Peak
5350	48.35	50.03	54	-5.65	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.39	57.62	74	-18.61	34.6	9.52	46.35	100	85	Peak
5150	49.23	51.46	54	-4.77	34.6	9.52	46.35	100	85	Average
5270	98.67	100.62	/	/	34.6	9.77	46.32	100	85	Peak
5270	91.58	93.53	/	/	34.6	9.77	46.32	100	85	Average
5350	53.97	55.73	74	-20.03	34.6	9.94	46.3	100	85	Peak
5350	48.23	49.99	54	-5.77	34.6	9.94	46.3	100	85	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.47	57.78	74	-18.53	34.52	9.52	46.35	115	195	Peak
5150	48.89	51.2	54	-5.11	34.52	9.52	46.35	115	195	Average
5310	99.55	101.36	/	/	34.65	9.85	46.31	115	195	Peak
5310	91.66	93.47	/	/	34.65	9.85	46.31	115	195	Average
5350	54.62	56.3	74	-19.38	34.68	9.94	46.3	115	195	Peak
5350	48.95	50.63	54	-5.05	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	56.77	59	74	-17.23	34.6	9.52	46.35	100	85	Peak
5150	49.16	51.39	54	-4.84	34.6	9.52	46.35	100	85	Average
5310	98.89	100.75	/	/	34.6	9.85	46.31	100	85	Peak
5310	91.29	93.15	/	/	34.6	9.85	46.31	100	85	Average
5350	54.23	55.99	74	-19.77	34.6	9.94	46.3	100	85	Peak
5350	48.55	50.31	54	-5.45	34.6	9.94	46.3	100	85	Average

REMARKS:

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

802.11ax (80MHz) (RU26):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.51	57.82	74	-18.49	34.52	9.52	46.35	115	195	Peak
5150	49.22	51.53	54	-4.78	34.52	9.52	46.35	115	195	Average
5290	106.47	108.34	/	/	34.63	9.81	46.31	115	195	Peak
5290	101.04	102.91	/	/	34.63	9.81	46.31	115	195	Average
5350	54.03	55.71	74	-19.97	34.68	9.94	46.3	115	195	Peak
5350	48.31	49.99	54	-5.69	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	54.46	56.69	74	-19.54	34.6	9.52	46.35	100	85	Peak
5150	49.07	51.3	54	-4.93	34.6	9.52	46.35	100	85	Average
5290	106.17	108.07	/	/	34.6	9.81	46.31	100	85	Peak
5290	100.49	102.39	/	/	34.6	9.81	46.31	100	85	Average
5350	53.95	55.71	74	-20.05	34.6	9.94	46.3	100	85	Peak
5350	48.41	50.17	54	-5.59	34.6	9.94	46.3	100	85	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5290MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	56.18	58.49	74	-17.82	34.52	9.52	46.35	115	195	Peak
5150	49.69	52	54	-4.31	34.52	9.52	46.35	115	195	Average
5290	97.59	99.46	/	/	34.63	9.81	46.31	115	195	Peak
5290	92.92	94.79	/	/	34.63	9.81	46.31	115	195	Average
5350	54.63	56.31	74	-19.37	34.68	9.94	46.3	115	195	Peak
5350	50.57	52.25	54	-3.43	34.68	9.94	46.3	115	195	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.63	57.86	74	-18.37	34.6	9.52	46.35	100	85	Peak
5150	49.32	51.55	54	-4.68	34.6	9.52	46.35	100	85	Average
5290	95.93	97.83	/	/	34.6	9.81	46.31	100	85	Peak
5290	89.32	91.22	/	/	34.6	9.81	46.31	100	85	Average
5350	53.88	55.64	74	-20.12	34.6	9.94	46.3	100	85	Peak
5350	49.88	51.64	54	-4.12	34.6	9.94	46.3	100	85	Average

REMARKS:

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

Band 3

802.11ax (20MHz) (RU26):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.34	55.66	74	-19.66	34.77	10.17	46.26	110	245	Peak
5460	49.25	50.57	54	-4.75	34.77	10.17	46.26	110	245	Average
5470	55.58	56.87	68.2	-12.62	34.78	10.19	46.26	110	245	Peak
5500	109.1	110.29	/	/	34.8	10.26	46.25	110	245	Peak
5500	100.72	101.91	/	/	34.8	10.26	46.25	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.42	54.91	74	-20.58	34.6	10.17	46.26	100	270	Peak
5460	47.9	49.39	54	-6.1	34.6	10.17	46.26	100	270	Average
5470	55.72	57.19	68.2	-12.48	34.6	10.19	46.26	100	270	Peak
5500	106.43	107.82	/	/	34.6	10.26	46.25	100	270	Peak
5500	99.04	100.43	/	/	34.6	10.26	46.25	100	270	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.86	56.18	74	-19.14	34.77	10.17	46.26	110	245	Peak
5460	48.62	49.94	54	-5.38	34.77	10.17	46.26	110	245	Average
5470	53.9	55.19	68.2	-14.3	34.78	10.19	46.26	110	245	Peak
5580	108.53	109.27	/	/	34.9	10.59	46.23	110	245	Peak
5580	100.83	101.57	/	/	34.9	10.59	46.23	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.86	56.35	74	-19.14	34.6	10.17	46.26	100	270	Peak
5460	48.57	50.06	54	-5.43	34.6	10.17	46.26	100	270	Average
5470	56.58	58.05	68.2	-11.62	34.6	10.19	46.26	100	270	Peak
5580	105.75	106.69	/	/	34.7	10.59	46.23	100	270	Peak
5580	98.62	99.56	/	/	34.7	10.59	46.23	100	270	Average

REMARKS:

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

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	111.3	111.36	/	/	35.04	11.09	46.19	110	245	Peak
5700	103	103.06	/	/	35.04	11.09	46.19	110	245	Average
5725	56.92	56.84	68.2	-11.28	35.07	11.2	46.19	110	245	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	108.97	109.23	/	/	34.84	11.09	46.19	100	270	Peak
5700	100.44	100.7	/	/	34.84	11.09	46.19	100	270	Average
5725	55.24	55.36	68.2	-12.96	34.87	11.2	46.19	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5700MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	51.47	52.76	74	-22.53	34.78	10.19	46.26	100	60	Peak
5720	113.67	113.62	/	/	35.06	11.18	46.19	100	60	Peak
5720	105.78	105.73	/	/	35.06	11.18	46.19	100	60	Average
5850	58.35	57.56	68.2	-9.85	35.22	11.72	46.15	100	60	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.31	55.78	74	-19.69	34.6	10.19	46.26	100	125	Peak
5720	110.19	110.34	/	/	34.86	11.18	46.19	100	125	Peak
5720	101.28	101.43	/	/	34.86	11.18	46.19	100	125	Average
5850	59.53	58.94	68.2	-8.67	35.02	11.72	46.15	100	125	Peak

REMARKS:

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

802.11ax (20MHz) (RU242):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.48	55.8	74	-19.52	34.77	10.17	46.26	110	245	Peak
5460	48.64	49.96	54	-5.36	34.77	10.17	46.26	110	245	Average
5470	54.95	56.24	68.2	-13.25	34.78	10.19	46.26	110	245	Peak
5500	103.51	104.7	/	/	34.8	10.26	46.25	110	245	Peak
5500	94.73	95.92	/	/	34.8	10.26	46.25	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	55.1	56.59	74	-18.9	34.6	10.17	46.26	100	270	Peak
5460	47.89	49.38	54	-6.11	34.6	10.17	46.26	100	270	Average
5470	55.15	56.62	68.2	-13.05	34.6	10.19	46.26	100	270	Peak
5500	100.36	101.75	/	/	34.6	10.26	46.25	100	270	Peak
5500	90.3	91.69	/	/	34.6	10.26	46.25	100	270	Average

REMARKS:

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

802.11ax (20MHz) (RU242):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5460	55.31	56.63	74	-18.69	34.77	10.17	46.26	110	245	Peak
5460	48.2	49.52	54	-5.8	34.77	10.17	46.26	110	245	Average
5470	55.45	56.74	68.2	-12.75	34.78	10.19	46.26	110	245	Peak
5580	105.3	106.04	/	/	34.9	10.59	46.23	110	245	Peak
5580	94.64	95.38	/	/	34.9	10.59	46.23	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5460	54.42	55.91	74	-19.58	34.6	10.17	46.26	100	275	Peak
5460	48.86	50.35	54	-5.14	34.6	10.17	46.26	100	275	Average
5470	54.74	56.21	68.2	-13.46	34.6	10.19	46.26	100	275	Peak
5580	102.34	103.28	/	/	34.7	10.59	46.23	100	275	Peak
5580	93.27	94.21	/	/	34.7	10.59	46.23	100	275	Average

REMARKS:

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

CHANNEL	TX Channel 140	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5700	107.85	107.91	/	/	35.04	11.09	46.19	110	245	Peak
5700	97.91	97.97	/	/	35.04	11.09	46.19	110	245	Average
5725	57.29	57.21	68.2	-10.91	35.07	11.2	46.19	110	245	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5700	103.48	103.74	/	/	34.84	11.09	46.19	100	270	Peak
5700	94.29	94.55	/	/	34.84	11.09	46.19	100	270	Average
5725	58.06	58.18	68.2	-10.14	34.87	11.2	46.19	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5700MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	56.14	57.43	74	-17.86	34.78	10.19	46.26	110	245	Peak
5720	108.48	108.43	/	/	35.06	11.18	46.19	110	245	Peak
5720	98.59	98.54	/	/	35.06	11.18	46.19	110	245	Average
5850	59.21	58.42	68.2	-8.99	35.22	11.72	46.15	110	245	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.12	55.59	74	-19.88	34.6	10.19	46.26	100	270	Peak
5720	104.46	104.61	/	/	34.86	11.18	46.19	100	270	Peak
5720	94.68	94.83	/	/	34.86	11.18	46.19	100	270	Average
5850	58.51	57.92	68.2	-9.69	35.02	11.72	46.15	100	270	Peak

REMARKS:

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

802.11ax (40MHz) (RU26):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.04	54.36	74	-20.96	34.77	10.17	46.26	110	245	Peak
5460	48.47	49.79	54	-5.53	34.77	10.17	46.26	110	245	Average
5470	54.03	55.32	68.2	-14.17	34.78	10.19	46.26	110	245	Peak
5510	106.69	107.83	/	/	34.81	10.3	46.25	110	245	Peak
5510	100.1	101.24	/	/	34.81	10.3	46.25	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.51	55	74	-20.49	34.6	10.17	46.26	100	270	Peak
5460	49.44	50.93	54	-4.56	34.6	10.17	46.26	100	270	Average
5470	52.85	54.32	68.2	-15.35	34.6	10.19	46.26	100	270	Peak
5510	103.89	105.23	/	/	34.61	10.3	46.25	100	270	Peak
5510	97.39	98.73	/	/	34.61	10.3	46.25	100	270	Average

REMARKS:

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

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.85	55.17	74	-20.15	34.77	10.17	46.26	110	250	Peak
5460	48.38	49.7	54	-5.62	34.77	10.17	46.26	110	250	Average
5470	53.45	54.74	68.2	-14.75	34.78	10.19	46.26	110	250	Peak
5550	105.16	106.07	/	/	34.86	10.47	46.24	110	250	Peak
5550	99.61	100.52	/	/	34.86	10.47	46.24	110	250	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.65	55.14	74	-20.35	34.6	10.17	46.26	100	270	Peak
5460	48.3	49.79	54	-5.7	34.6	10.17	46.26	100	270	Average
5470	53.38	54.85	68.2	-14.82	34.6	10.19	46.26	100	270	Peak
5550	105.26	106.37	/	/	34.66	10.47	46.24	100	270	Peak
5550	98.63	99.74	/	/	34.66	10.47	46.24	100	270	Average

REMARKS:

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

CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	110.51	110.74	/	/	35	10.97	46.2	110	250	Peak
5670	103.62	103.85	/	/	35	10.97	46.2	110	250	Average
5725	58.04	57.96	68.2	-10.16	35.07	11.2	46.19	110	250	Peak
ANTENNA POLARITY & test distance: Vertical at 3 m										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	106.51	106.94	/	/	34.8	10.97	46.2	100	270	Peak
5670	100.38	100.81	/	/	34.8	10.97	46.2	100	270	Average
5725	57.2	57.32	68.2	-11	34.87	11.2	46.19	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5670MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.74	56.03	74	-19.26	34.78	10.19	46.26	100	45	Peak
5710	111.15	111.15	/	/	35.05	11.14	46.19	100	45	Peak
5710	103.32	103.32	/	/	35.05	11.14	46.19	100	45	Average
5850	57.34	56.55	68.2	-10.86	35.22	11.72	46.15	100	45	Peak
ANTENNA POLARITY & test distance: Vertical at 3 m										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.39	55.86	74	-19.61	34.6	10.19	46.26	100	125	Peak
5710	106.9	107.1	/	/	34.85	11.14	46.19	100	125	Peak
5710	100.76	100.96	/	/	34.85	11.14	46.19	100	125	Average
5850	57.59	57	68.2	-10.61	35.02	11.72	46.15	100	125	Peak

REMARKS:

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

802.11ax (40MHz) (RU484):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	56.66	57.98	74	-17.34	34.77	10.17	46.26	110	240	Peak
5460	48.95	50.27	54	-5.05	34.77	10.17	46.26	110	240	Average
5470	55.13	56.42	68.2	-13.07	34.78	10.19	46.26	110	240	Peak
5510	101.17	102.31	/	/	34.81	10.3	46.25	110	240	Peak
5510	91.81	92.95	/	/	34.81	10.3	46.25	110	240	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.67	56.16	74	-19.33	34.6	10.17	46.26	100	270	Peak
5460	48.48	49.97	54	-5.52	34.6	10.17	46.26	100	270	Average
5470	52.99	54.46	68.2	-15.21	34.6	10.19	46.26	100	270	Peak
5510	96.96	98.3	/	/	34.61	10.3	46.25	100	270	Peak
5510	89.86	91.2	/	/	34.61	10.3	46.25	100	270	Average

REMARKS:

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

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	55.41	56.73	74	-18.59	34.77	10.17	46.26	110	245	Peak
5460	49.05	50.37	54	-4.95	34.77	10.17	46.26	110	245	Average
5470	56.58	57.87	68.2	-11.62	34.78	10.19	46.26	110	245	Peak
5550	101.33	102.24	/	/	34.86	10.47	46.24	110	245	Peak
5550	91.65	92.56	/	/	34.86	10.47	46.24	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.05	55.54	74	-19.95	34.6	10.17	46.26	100	270	Peak
5460	49.13	50.62	54	-4.87	34.6	10.17	46.26	100	270	Average
5470	53.95	55.42	68.2	-14.25	34.6	10.19	46.26	100	270	Peak
5550	98.07	99.18	/	/	34.66	10.47	46.24	100	270	Peak
5550	89.41	90.52	/	/	34.66	10.47	46.24	100	270	Average

REMARKS:

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

CHANNEL	TX Channel 134	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5670	104.34	104.57	/	/	35	10.97	46.2	110	245	Peak
5670	95.06	95.29	/	/	35	10.97	46.2	110	245	Average
5725	60.51	60.43	68.2	-7.69	35.07	11.2	46.19	110	245	Peak
ANTENNA POLARITY & test distance: Vertical at 3 m										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5670	102.07	102.5	/	/	34.8	10.97	46.2	100	270	Peak
5670	91.62	92.05	/	/	34.8	10.97	46.2	100	270	Average
5725	57.92	58.04	68.2	-10.28	34.87	11.2	46.19	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5670MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	55.23	56.52	74	-18.77	34.78	10.19	46.26	110	245	Peak
5710	106.02	106.02	/	/	35.05	11.14	46.19	110	245	Peak
5710	96.67	96.67	/	/	35.05	11.14	46.19	110	245	Average
5850	60.9	60.11	68.2	-7.3	35.22	11.72	46.15	110	245	Peak
ANTENNA POLARITY & test distance: Vertical at 3 m										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	55.29	56.76	74	-18.71	34.6	10.19	46.26	100	270	Peak
5710	101.89	102.09	/	/	34.85	11.14	46.19	100	270	Peak
5710	92.47	92.67	/	/	34.85	11.14	46.19	100	270	Average
5850	58.19	57.6	68.2	-10.01	35.02	11.72	46.15	100	270	Peak

REMARKS:

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

802.11ax (80MHz) (RU26):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.01	54.33	74	-20.99	34.77	10.17	46.26	110	245	Peak
5460	49.06	50.38	54	-4.94	34.77	10.17	46.26	110	245	Average
5470	54.09	55.38	68.2	-14.11	34.78	10.19	46.26	110	245	Peak
5530	107.76	108.78	/	/	34.84	10.38	46.24	110	245	Peak
5530	100.12	101.14	/	/	34.84	10.38	46.24	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.29	55.78	74	-19.71	34.6	10.17	46.26	100	270	Peak
5460	48.96	50.45	54	-5.04	34.6	10.17	46.26	100	270	Average
5470	55.56	57.03	68.2	-12.64	34.6	10.19	46.26	100	270	Peak
5530	106.44	107.66	/	/	34.64	10.38	46.24	100	270	Peak
5530	98.27	99.49	/	/	34.64	10.38	46.24	100	270	Average

REMARKS:

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

CHANNEL	TX Channel 122	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5610	106.16	106.73	74	32.16	34.93	10.72	46.22	110	245	Peak
5610	101.63	102.2	54	47.63	34.93	10.72	46.22	110	245	Average
5725	55.43	55.35	68.2	-12.77	35.07	11.2	46.19	110	245	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5610	103.38	104.15	74	29.38	34.73	10.72	46.22	100	285	Peak
5610	98.69	99.46	54	44.69	34.73	10.72	46.22	100	285	Average
5725	54.94	55.06	68.2	-13.26	34.87	11.2	46.19	100	285	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5610MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.37	55.66	74	-19.63	34.78	10.19	46.26	110	245	Peak
5690	108.92	109.04	/	/	35.03	11.05	46.2	110	245	Peak
5690	104.95	105.07	/	/	35.03	11.05	46.2	110	245	Average
5850	57.66	56.87	68.2	-10.54	35.22	11.72	46.15	110	245	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.78	55.25	74	-20.22	34.6	10.19	46.26	100	270	Peak
5690	105.5	105.82	/	/	34.83	11.05	46.2	100	270	Peak
5690	101.3	101.62	/	/	34.83	11.05	46.2	100	270	Average
5850	57.34	56.75	68.2	-10.86	35.02	11.72	46.15	100	270	Peak

REMARKS:

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

802.11ax (80MHz) (RU996):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	55.8	57.12	74	-18.2	34.77	10.17	46.26	110	245	Peak
5460	50.55	51.87	54	-3.45	34.77	10.17	46.26	110	245	Average
5470	57.39	58.68	68.2	-10.81	34.78	10.19	46.26	110	245	Peak
5530	99.2	100.22	/	/	34.84	10.38	46.24	110	245	Peak
5530	89.78	90.8	/	/	34.84	10.38	46.24	110	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	56.15	57.64	74	-17.85	34.6	10.17	46.26	100	270	Peak
5460	50.08	51.57	54	-3.92	34.6	10.17	46.26	100	270	Average
5470	55.78	57.25	68.2	-12.42	34.6	10.19	46.26	100	270	Peak
5530	95.75	96.97	/	/	34.64	10.38	46.24	100	270	Peak
5530	87.92	89.14	/	/	34.64	10.38	46.24	100	270	Average

REMARKS:

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

CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5610	100.57	101.14	/	/	34.93	10.72	46.22	110	245	Peak
5610	91.98	92.55	/	/	34.93	10.72	46.22	110	245	Average
5725	57.58	57.5	68.2	-10.62	35.07	11.2	46.19	110	245	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5610	97.04	97.81	/	/	34.73	10.72	46.22	100	270	Peak
5610	88.54	89.31	/	/	34.73	10.72	46.22	100	270	Average
5725	58.84	58.96	68.2	-9.36	34.87	11.2	46.19	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5610MHz: 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										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	57.45	58.74	74	-16.55	34.78	10.19	46.26	110	245	Peak
5690	102.24	102.36	/	/	35.03	11.05	46.2	110	245	Peak
5690	94.72	94.84	/	/	35.03	11.05	46.2	110	245	Average
5850	56.28	55.49	68.2	-11.92	35.22	11.72	46.15	110	245	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	55.79	57.26	74	-18.21	34.6	10.19	46.26	100	270	Peak
5690	98.69	99.01	/	/	34.83	11.05	46.2	100	270	Peak
5690	90.02	90.34	/	/	34.83	11.05	46.2	100	270	Average
5850	57.64	57.05	68.2	-10.56	35.02	11.72	46.15	100	270	Peak

REMARKS:

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

Band 4:

802.11ax (20MHz) (RU26):

CHANNEL	TX Channel 149	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5745	112.7	112.51	/	/	35.09	11.28	46.18	115	55	Peak
5745	106.39	106.2	/	/	35.09	11.28	46.18	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5745	108.46	108.47	/	/	34.89	11.28	46.18	100	75	Peak
5745	102.98	102.99	/	/	34.89	11.28	46.18	100	75	Average

REMARKS:

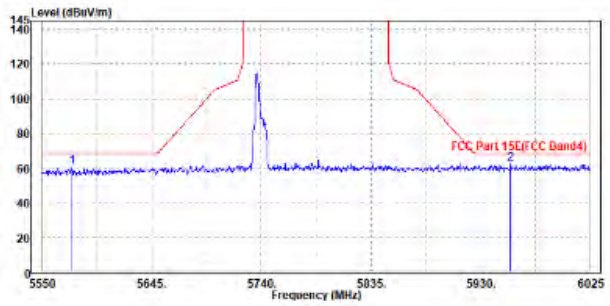
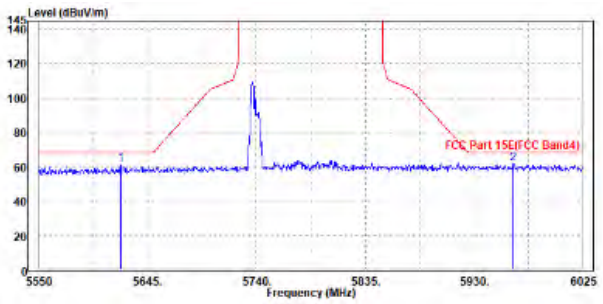
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5745MHz: Fundamental frequency.

OOBE DATA

802.11ax (20MHz) (RU26):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5576.125	60.47	61.24	68.2	-7.73	34.89	10.57	46.23	115	55	Peak
5956.125	62.24	60.84	68.2	-5.96	35.35	12.17	46.12	115	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5621.725	60.98	61.68	68.2	-7.22	34.75	10.77	46.22	100	75	Peak
5964.675	61.92	60.68	68.2	-6.28	35.16	12.2	46.12	100	75	Peak

CH 149

Horiontal	Vertical
	

CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5785	112.78	112.36	/	/	35.14	11.45	46.17	115	55	Peak
5785	105.54	105.12	/	/	35.14	11.45	46.17	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5785	108.95	108.73	/	/	34.94	11.45	46.17	100	75	Peak
5785	102.7	102.48	/	/	34.94	11.45	46.17	100	75	Average

REMARKS:

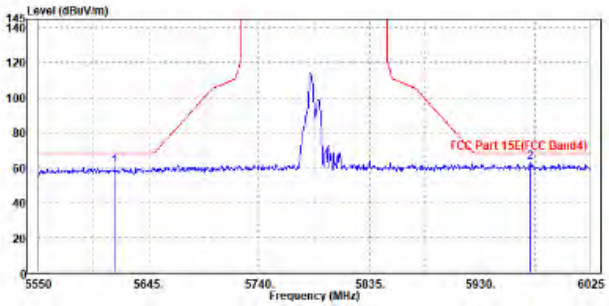
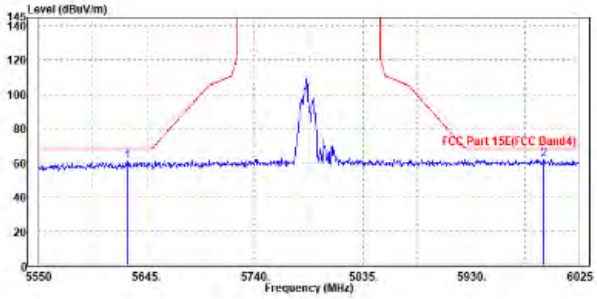
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5785MHz: Fundamental frequency.

OOBE DATA

802.11ax (20MHz) (RU26):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV /m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5616.025	60.46	61	68.2	-7.74	34.94	10.74	46.22	115	55	Peak
5973.225	62.62	61.13	68.2	-5.58	35.37	12.24	46.12	115	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV /m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5627.9	60.4	61.07	68.2	-7.8	34.75	10.79	46.21	100	75	Peak
5993.65	61.87	60.47	68.2	-6.33	35.19	12.32	46.11	100	75	Peak

CH 157

Horiontal	Vertical
	

CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5825	113.8	113.15	/	/	35.19	11.62	46.16	130	55	Peak
5825	106.43	105.78	/	/	35.19	11.62	46.16	130	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5825	112.93	112.48	/	/	34.99	11.62	46.16	100	110	Peak
5825	105.97	105.52	/	/	34.99	11.62	46.16	100	110	Average

REMARKS:

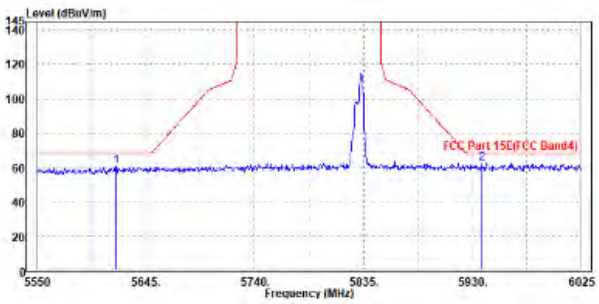
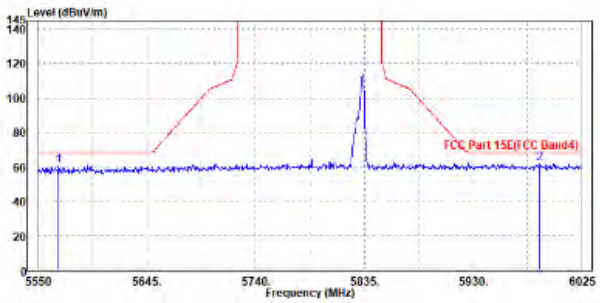
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5825MHz: Fundamental frequency.

OOBE DATA

802.11ax (20MHz) (RU26):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5618.875	60.74	61.27	68.2	-7.46	34.94	10.75	46.22	130	55	Peak
5938.55	62.35	61.06	68.2	-5.85	35.33	12.09	46.13	130	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5567.575	60.44	61.45	68.2	-7.76	34.68	10.54	46.23	100	110	Peak
5987.95	61.76	60.38	68.2	-6.44	35.19	12.3	46.11	100	110	Peak

CH 165

Horiontal	Vertical
	

802.11ax (20MHz) (RU242):

CHANNEL	TX Channel 149	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5745	106.51	106.32	/	/	35.09	11.28	46.18	130	55	Peak
5745	97.89	97.7	/	/	35.09	11.28	46.18	130	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5745	104.41	104.42	/	/	34.89	11.28	46.18	100	110	Peak
5745	96.78	96.79	/	/	34.89	11.28	46.18	100	110	Average

REMARKS:

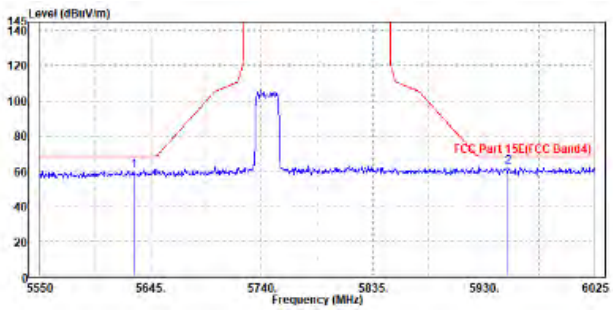
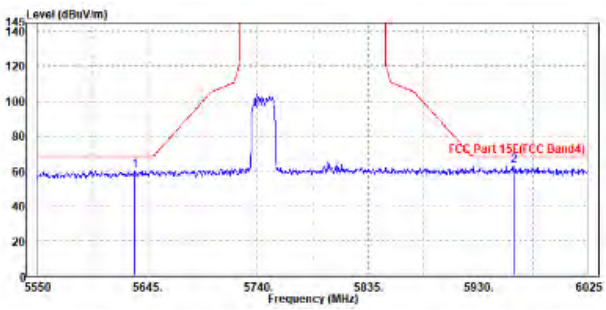
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5745MHz: Fundamental frequency.

OOBE DATA

802.11ax (20MHz) (RU242):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5630.275	59.96	60.41	68.2	-8.24	34.96	10.8	46.21	230	55	Peak
5951.375	62.3	60.93	68.2	-5.9	35.34	12.15	46.12	230	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5633.6	59.96	60.59	68.2	-8.24	34.76	10.82	46.21	200	110	Peak
5960.875	62.64	61.42	68.2	-5.56	35.15	12.19	46.12	200	110	Peak

CH 149

Horiontal	Vertical
	

CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5785	107.08	106.66	/	/	35.14	11.45	46.17	130	55	Peak
5785	98.47	98.05	/	/	35.14	11.45	46.17	130	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5785	105.54	105.32	/	/	34.94	11.45	46.17	100	110	Peak
5785	97.12	96.9	/	/	34.94	11.45	46.17	100	110	Average

REMARKS:

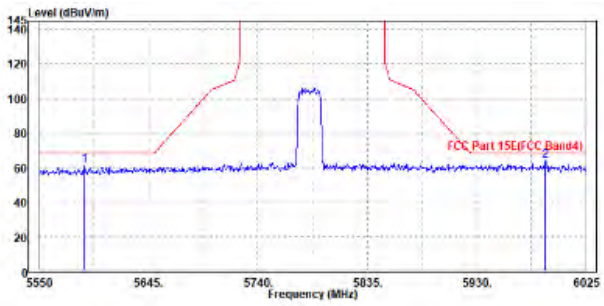
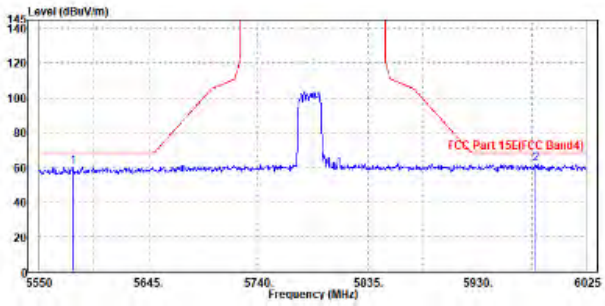
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5785MHz: Fundamental frequency.

OOBE DATA

802.11ax (20MHz) (RU242):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV /m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5589.425	60.93	61.61	68.2	-7.27	34.91	10.63	46.22	230	55	Peak
5989.85	64.15	62.56	68.2	-4.05	35.39	12.31	46.11	230	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV /m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5579.45	60.25	61.19	68.2	-7.95	34.7	10.59	46.23	200	110	Peak
5980.825	61.75	60.42	68.2	-6.45	35.18	12.27	46.12	200	110	Peak

CH 157

Horiontal	Vertical
	

CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5825	107.12	106.47	/	/	35.19	11.62	46.16	115	55	Peak
5825	98.46	97.81	/	/	35.19	11.62	46.16	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5825	105.01	104.56	/	/	34.99	11.62	46.16	100	110	Peak
5825	97.33	96.88	/	/	34.99	11.62	46.16	100	110	Average

REMARKS:

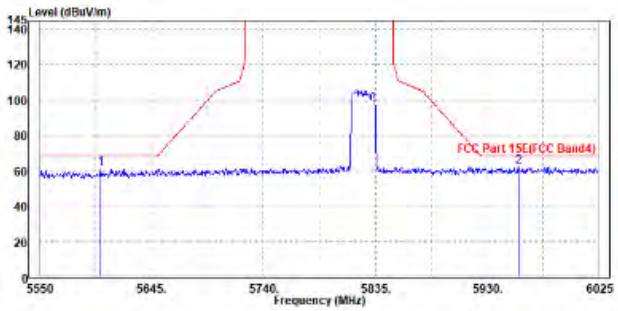
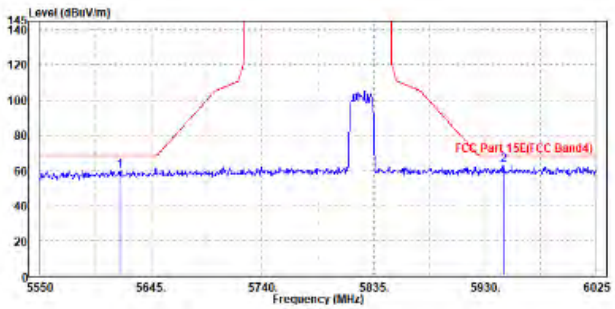
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5825MHz: Fundamental frequency.

OOBE DATA

802.11ax (20MHz) (RU242):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5601.775	61.05	61.67	68.2	-7.15	34.92	10.68	46.22	215	55	Peak
5956.6	62.19	60.79	68.2	-6.01	35.35	12.17	46.12	215	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5617.925	59.69	60.42	68.2	-8.51	34.74	10.75	46.22	200	110	Peak
5946.15	62.88	61.75	68.2	-5.32	35.14	12.12	46.13	200	110	Peak

CH 165

Horiontal	Vertical
	

802.11ax (40MHz) (RU26):

CHANNEL	TX Channel 151	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5755	111.79	111.54	/	/	35.11	11.32	46.18	115	55	Peak
5755	106.07	105.82	/	/	35.11	11.32	46.18	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5755	109.38	109.33	/	/	34.91	11.32	46.18	100	110	Peak
5755	103.57	103.52	/	/	34.91	11.32	46.18	100	110	Average

REMARKS:

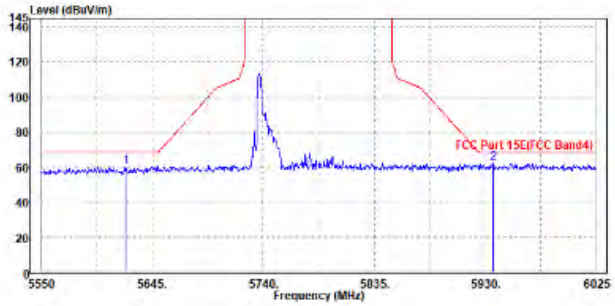
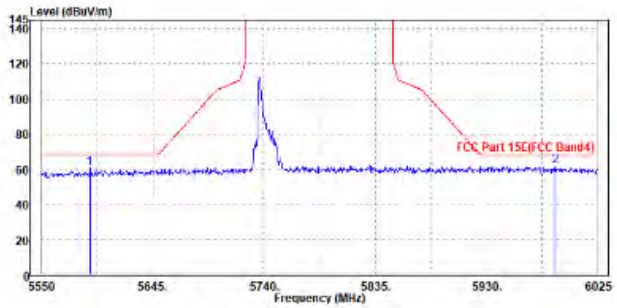
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5755MHz: Fundamental frequency.

OOBE DATA

802.11ax (40MHz) (RU26):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5622.2	60.2	60.7	68.2	-8	34.95	10.77	46.22	130	55	Peak
5937.125	62.19	60.91	68.2	-6.01	35.32	12.09	46.13	130	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5591.325	60.38	61.25	68.2	-7.82	34.71	10.64	46.22	100	110	Peak
5989.375	61.5	60.11	68.2	-6.7	35.19	12.31	46.11	100	110	Peak

CH 151

Horiontal	Vertical
	

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5795	113.56	113.09	/	/	35.15	11.49	46.17	115	55	Peak
5795	106.75	106.28	/	/	35.15	11.49	46.17	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5795	110.76	110.49	/	/	34.95	11.49	46.17	100	110	Peak
5795	104.45	104.18	/	/	34.95	11.49	46.17	100	110	Average

REMARKS:

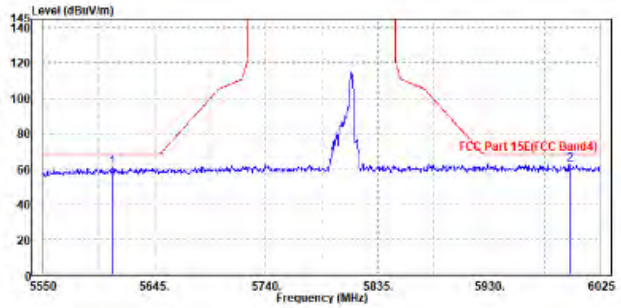
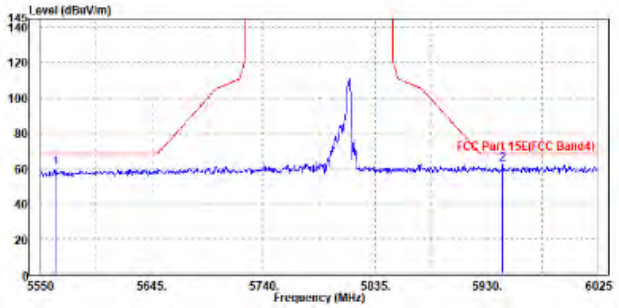
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5795MHz: Fundamental frequency.

OOBE DATA

802.11ax (40MHz) (RU26):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5608.9	60.85	61.43	68.2	-7.35	34.93	10.71	46.22	215	55	Peak
5998.875	62.47	60.83	68.2	-5.73	35.4	12.35	46.11	215	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5562.825	59.85	60.88	68.2	-8.35	34.68	10.52	46.23	200	110	Peak
5943.775	62.08	60.97	68.2	-6.12	35.13	12.11	46.13	200	110	Peak

CH 159

Horiontal	Vertical
	

802.11ax (40MHz) (RU484):

CHANNEL	TX Channel 151	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5755	102.86	102.61	/	/	35.11	11.32	46.18	115	55	Peak
5755	96.24	95.99	/	/	35.11	11.32	46.18	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5755	100.5	100.45	/	/	34.91	11.32	46.18	100	110	Peak
5755	94.28	94.23	/	/	34.91	11.32	46.18	100	110	Average

REMARKS:

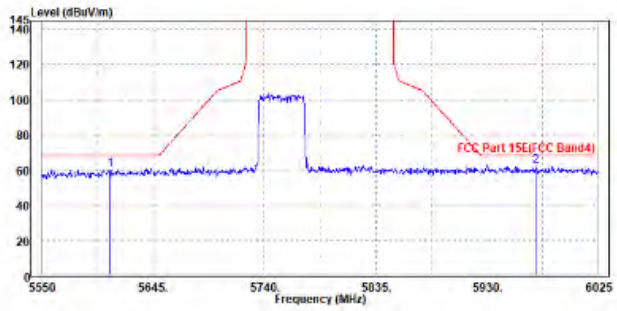
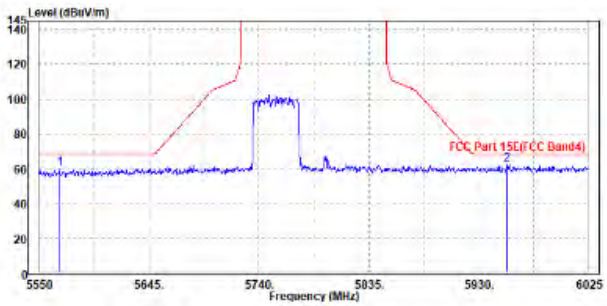
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5755MHz: Fundamental frequency.

OOBE DATA

802.11ax (40MHz) (RU484):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5608.425	60.05	60.63	68.2	-8.15	34.93	10.71	46.22	215	55	Peak
5971.8	62.12	60.64	68.2	-6.08	35.37	12.23	46.12	215	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5567.575	59.83	60.84	68.2	-8.37	34.68	10.54	46.23	200	110	Peak
5954.7	62.18	60.99	68.2	-6.02	35.15	12.16	46.12	200	110	Peak

CH 151

Horiontal	Vertical
	

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5795	103.92	103.45	/	/	35.15	11.49	46.17	115	55	Peak
5795	96.32	95.85	/	/	35.15	11.49	46.17	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5795	101.89	101.62	/	/	34.95	11.49	46.17	100	110	Peak
5795	95.15	94.88	/	/	34.95	11.49	46.17	100	110	Average

REMARKS:

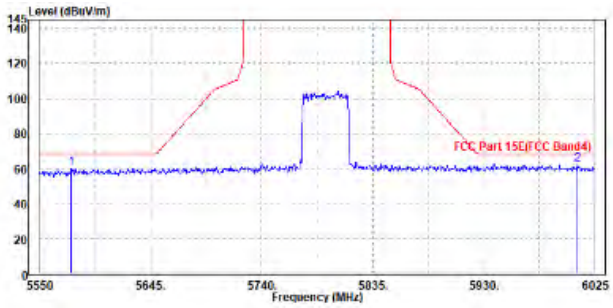
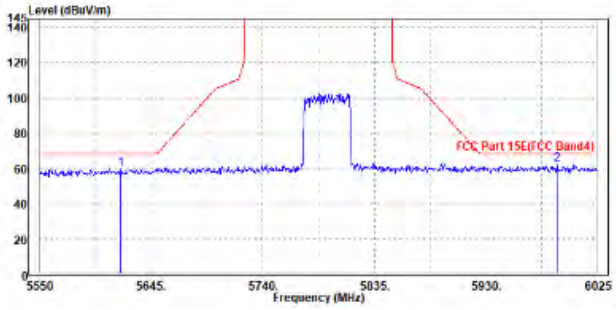
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5795MHz: Fundamental frequency.

OOBE DATA

802.11ax (40MHz) (RU484):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5577.075	60.16	60.92	68.2	-8.04	34.89	10.58	46.23	215	55	Peak
6010.275	62.18	60.53	68.2	-6.02	35.4	12.36	46.11	215	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5619.35	59.41	60.13	68.2	-8.79	34.74	10.76	46.22	200	110	Peak
5990.8	62.12	60.73	68.2	-6.08	35.19	12.31	46.11	200	110	Peak

CH 159

Horiontal	Vertical
	

802.11ax (80MHz) (RU26):

CHANNEL	TX Channel 155	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5775	113.53	113.16	/	/	35.13	11.41	46.17	115	55	Peak
5775	106.2	105.83	/	/	35.13	11.41	46.17	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5775	109.56	109.39	/	/	34.93	11.41	46.17	100	110	Peak
5775	103.55	103.38	/	/	34.93	11.41	46.17	100	110	Average

REMARKS:

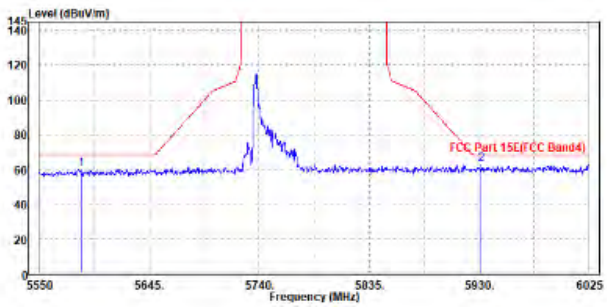
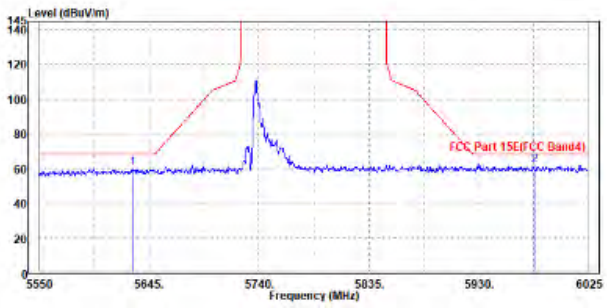
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5775MHz: Fundamental frequency.

OOBE DATA

802.11ax (80MHz) (RU26):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5585.625	60.06	60.78	68.2	-8.14	34.9	10.61	46.23	215	55	Peak
5932.375	63.06	61.8	68.2	-5.14	35.32	12.07	46.13	215	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5630.275	60.19	60.84	68.2	-8.01	34.76	10.8	46.21	200	110	Peak
5977.975	61.78	60.47	68.2	-6.42	35.17	12.26	46.12	200	110	Peak

CH 155

Horiontal	Vertical
	

802.11ax (80MHz) (RU996):

CHANNEL	TX Channel 155	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5775	101.2	100.83	/	/	35.13	11.41	46.17	115	55	Peak
5775	95.02	94.65	/	/	35.13	11.41	46.17	115	55	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5775	99.5	99.33	/	/	34.93	11.41	46.17	100	110	Peak
5775	93.62	93.45	/	/	34.93	11.41	46.17	100	110	Average

REMARKS:

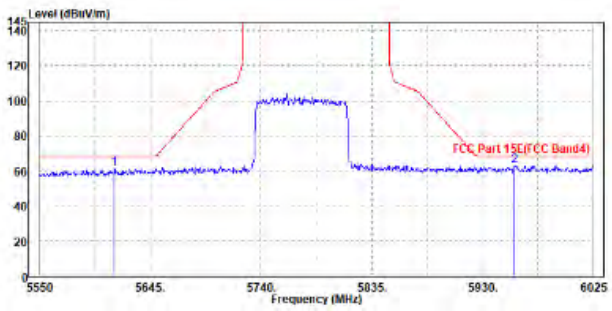
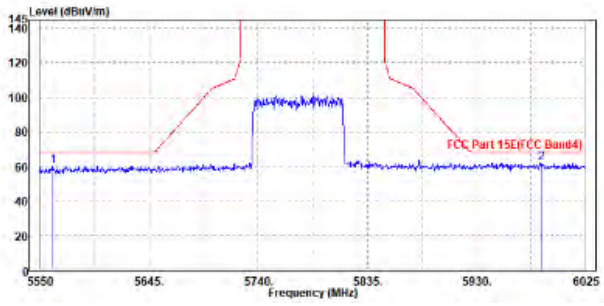
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5775MHz: Fundamental frequency.

OOBE DATA

802.11ax (80MHz) (RU996):

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5614.125	61.1	61.65	68.2	-7.1	34.94	10.73	46.22	215	55	Peak
5958.025	62.84	61.44	68.2	-5.36	35.35	12.17	46.12	215	55	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5560.925	60.08	61.13	68.2	-8.12	34.67	10.51	46.23	200	110	Peak
5986.525	61.91	60.55	68.2	-6.29	35.18	12.29	46.11	200	110	Peak

CH 155

Horiontal	Vertical
	

3.2 CONDUCTED EMISSION MEASUREMENT

3.2.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

NOTE: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	101900	Feb. 15,22	Feb. 14,23
EMC32 test software	Rohde&Schwarz	EMC32	NA	NA	NA
LISN network	Rohde&Schwarz	ENV216	101922	Mar. 04,22	Mar. 03,23

NOTE:
1. The test was performed in CE shielded room.
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.2.3 TEST PROCEDURES

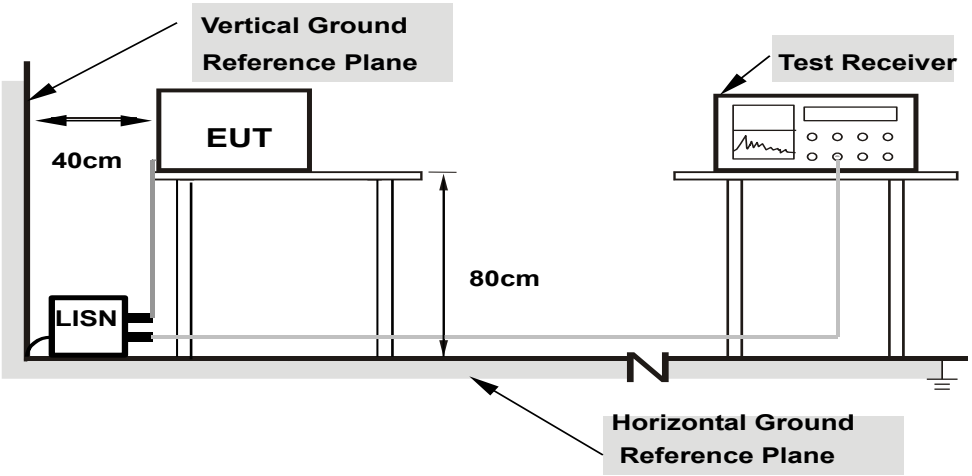
a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: All modes of operation were investigated and the worst-case emissions are reported.

3.2.4 DEVIATION FROM TEST STANDARD

No deviation.

3.2.5 TEST SETUP



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

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

3.2.6 EUT OPERATING CONDITIONS

Same as 3.1.6.

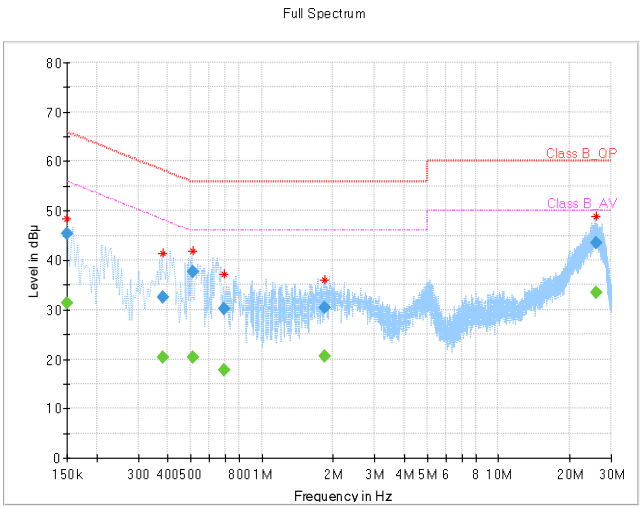
3.2.7 TEST RESULTS

CONDUCTED WORST-CASE DATA:

Frequency Range	150KHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	**Environmental Conditions**	24deg. C, 55%RH
Tested By	Carl Xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	31.38	56.00	24.62	L1	ON	9.7
0.150000	45.48	---	66.00	20.52	L1	ON	9.7
0.380000	---	20.37	48.28	27.91	L1	ON	9.7
0.380000	32.49	---	58.28	25.79	L1	ON	9.7
0.512000	---	20.45	46.00	25.55	L1	ON	9.7
0.512000	37.63	---	56.00	18.37	L1	ON	9.7
0.696000	---	17.79	46.00	28.21	L1	ON	9.7
0.696000	30.22	---	56.00	25.78	L1	ON	9.7
1.848000	---	20.66	46.00	25.34	L1	ON	9.7
1.848000	30.36	---	56.00	25.64	L1	ON	9.7
25.792000	---	33.41	50.00	16.59	L1	ON	9.8
25.792000	43.48	---	60.00	16.52	L1	ON	9.8

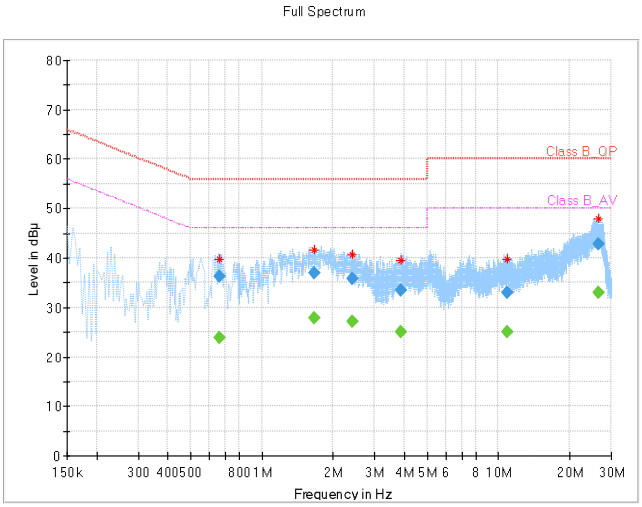
REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value - Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



Frequency Range	150KHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	**Environmental Conditions**	24deg. C, 55%RH
Tested By	Carl Xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.660000	---	23.80	46.00	22.20	N	ON	9.7
0.660000	36.34	---	56.00	19.66	N	ON	9.7
1.668000	---	27.83	46.00	18.17	N	ON	9.8
1.668000	37.07	---	56.00	18.93	N	ON	9.8
2.404000	---	27.06	46.00	18.94	N	ON	9.8
2.404000	35.77	---	56.00	20.23	N	ON	9.8
3.888000	---	24.97	46.00	21.03	N	ON	9.8
3.888000	33.39	---	56.00	22.61	N	ON	9.8
10.928000	---	24.97	50.00	25.03	N	ON	9.8
10.928000	33.09	---	60.00	26.91	N	ON	9.8
26.524000	---	32.95	50.00	17.05	N	ON	9.9
26.524000	42.77	---	60.00	17.23	N	ON	9.9

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value -Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



3.3 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

3.3.1 LIMITS OF MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

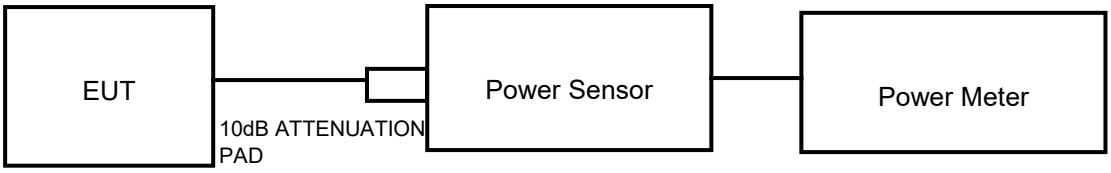
Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
	B	Indoor Access Point	1 Watt (30 dBm)
	√	Client devices	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	√		1 Watt (30 dBm)

NOTE: Where B is the 26dB emission bandwidth in MHz.

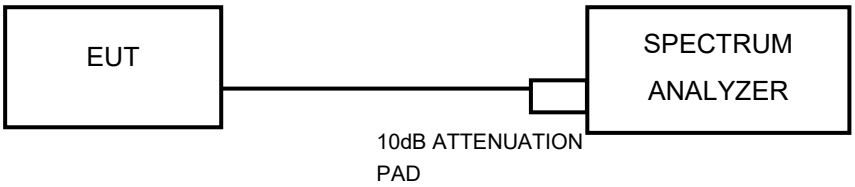
3.3.2 TEST SETUP

FOR POWER OUTPUT MEASUREMENT

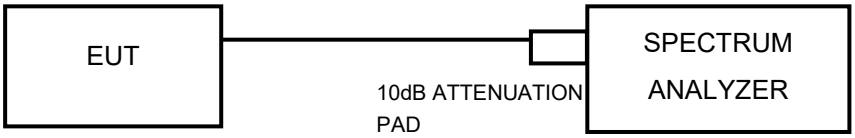
802.11a, 802.11n/ac/ax (20MHz), 802.11 n/ac/ax (40MHz) TEST CONFIGURATION



11ac TEST CONFIGURATION



FOR 26dB BANDWIDTH



3.3.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Feb. 22,22	Feb. 21,23
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510322	Apr. 26,21	Apr. 25,22
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	Feb. 24,22	Feb. 23,23
Power Sensor	ANRITSU	MA2411B	1339352	May. 07,21	May. 06,22

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

3.3.4 TEST PROCEDURE

FOR POWER MEASUREMENT

For 802.11ax (20MHz), 802.11ax (40MHz)

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

For 802.11ax (80MHz)

1. Measure the duty cycle, x, of the transmitter output signal as described in II.B.
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
3. Set RBW = 1 MHz.
4. Set VBW ≥ 3 MHz.
5. Number of points in sweep ≥ 2 × span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
8. Do not use sweep triggering. Allow the sweep to “free run.”
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
10. Add 10 log (1/x), where x is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10 log (1/0.25) = 6 dB if the duty cycle is 25%.

FOR 99 PERCENT OCCUPIED BANDWIDTH

The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW ≥ 3 · RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

FOR 26dB BANDWIDTH

1) Set RBW = approximately 1% of the emission bandwidth.
2) Set the VBW > RBW.
3) Detector = Peak.
4) Trace mode = max hold.
5) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

FOR 6dB BANDWIDTH

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.3.5 DEVIATION FROM TEST STANDARD

No deviation.

3.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

3.3.7 TEST RESULTS

Please Refer to Appendix of this test report.

NOTE: Power setting

MODE	CHANNEL	POWER SETTING	MODE	CHANNEL	POWER SETTING
11AX20 RU26	36	11	11AX20 RU52	36	11
	40	11		40	11
	48	11		48	11
	52	11.5		52	11.5
	60	11.5		60	11.5
	64	11.5		64	11.5
	100	11.5		100	11.5
	116	11.5		116	11.5
	140	11.5		140	11.5
	144	11.5		144	11.5
	144(Band4)	11.5		144(Band4)	11.5
	149	11		149	11
	157	11		157	11
	165	11		165	11
11AX20 RU106	36	11.5	11AX20 RU242	36	13
	40	11.5		40	13
	48	12		48	13

	52	12		52	13
	60	12		60	13
	64	12		64	13
	100	12		100	13
	116	12		116	13
	140	12		140	13
	144	12		144	13
	144(Band4)	12		144(Band4)	14
	149	12		149	12
	157	12		157	12
	165	12		165	12

MODE	CHANNEL	POWER SETTING	MODE	CHANNEL	POWER SETTING
11AX40 RU26&RU52	38	11	11AX40 RU106&RU242	38	13
	46	11		46	13
	54	11.5		54	13
	62	11.5		62	13
	102	11.5		102	13
	110	11.5		110	13
	134	11.5		134	13
	142	11.5		142	13
	142(Band4)	11.5		142(Band4)	13
	151	11		151	12
	159	11		159	12
11AX40 RU484	38	14.5			
	46	14.5			
	54	14.5			
	62	14.5			
	102	15			
	110	15			

	134	15
	142	15
	142(Band4)	15
	151	13
	159	13

MODE	CHANNEL	POWER SETTING	MODE	CHANNEL	POWER SETTING
11AX80 RU26&RU52	42	11.5	11AX80 RU106	42	12.5
	58	11.5		58	12.5
	106	11.5		106	12.5
	122	11.5		122	12.5
	138	11.5		138	12.5
	138(Band4)	11.5		138(Band4)	12.5
	155	11		155	11.5
11AX80 RU242	42	13	11AX80 RU484	42	14
	58	13		58	14
	106	13		106	14
	122	13		122	14
	138	13		138	14
	138(Band4)	13		138(Band4)	14
	155	12		155	13
11AX80 RU996	42	15			
	58	15			
	106	15			
	122	15			
	138	15			
	138(Band4)	15			
	155	15			

3.4 MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

3.4.1 LIMITS OF MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Client devices	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz

3.4.2 TEST SETUP

3.4.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.4.4 TEST PROCEDURES

Using method SA-2

1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
2) Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3) Set Channel power measure = 1MHz
4) Sweep time = auto, trigger set to “free run”.
5) Trace average at least 100 traces in power averaging mode.
6) Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).
7) Record the max value

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

Same as 3.1.6.

3.4.7 TEST RESULTS

Please Refer to Appendix of this test report.

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

6 APPENDIX

APPENDIX A:

EMISSION BANDWIDTH

TEST RESULT

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	26db BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20MIMO	Ant0	5180	26Tone	RU0	18.920	5170.040	5188.960	---	---
				RU4	17.800	5170.880	5188.680	---	---
				RU8	19.000	5170.960	5189.960	---	---
			242Tone	RU61	19.880	5170.080	5189.960	---	---
	Ant1	5180	26Tone	RU0	20.400	5168.560	5188.960	---	---
				RU4	17.920	5171.000	5188.920	---	---
				RU8	19.040	5170.960	5190.000	---	---
			242Tone	RU61	19.880	5170.080	5189.960	---	---
	Ant0	5200	26Tone	RU0	18.920	5190.040	5208.960	---	---
				RU4	17.920	5191.040	5208.960	---	---
				RU8	19.000	5191.000	5210.000	---	---
			242Tone	RU61	19.880	5190.080	5209.960	---	---
	Ant1	5200	26Tone	RU0	18.960	5190.040	5209.000	---	---
				RU4	17.960	5191.040	5209.000	---	---

				RU8	19.000	5191.000	5210.000	---	---
			242Tone	RU61	19.840	5190.120	5209.960	---	---
	Ant0	5240	26Tone	RU0	18.920	5230.040	5248.960	---	---
				RU4	17.920	5231.040	5248.960	---	---
				RU8	19.000	5231.000	5250.000	---	---
			242Tone	RU61	19.920	5230.040	5249.960	---	---
	Ant1	5240	26Tone	RU0	18.960	5230.040	5249.000	---	---
				RU4	18.120	5230.920	5249.040	---	---
				RU8	19.040	5230.920	5249.960	---	---
			242Tone	RU61	19.840	5230.120	5249.960	---	---
	Ant0	5260	26Tone	RU0	19.760	5249.200	5268.960	---	---
				RU4	18.040	5250.840	5268.880	---	---
				RU8	19.000	5250.960	5269.960	---	---
			242Tone	RU61	19.880	5250.080	5269.960	---	---
	Ant1	5260	26Tone	RU0	19.800	5249.080	5268.880	---	---
				RU4	17.680	5251.240	5268.920	---	---
				RU8	19.000	5251.000	5270.000	---	---
			242Tone	RU61	19.960	5250.040	5270.000	---	---

	Ant0	5300	26Tone	RU0	18.720	5290.040	5308.760	---	---
				RU4	18.080	5290.880	5308.960	---	---
				RU8	18.960	5291.040	5310.000	---	---
			242Tone	RU61	19.920	5290.040	5309.960	---	---
	Ant1	5300	26Tone	RU0	18.920	5290.000	5308.920	---	---
				RU4	17.920	5291.040	5308.960	---	---
				RU8	19.160	5290.840	5310.000	---	---
			242Tone	RU61	19.920	5290.040	5309.960	---	---
	Ant0	5320	26Tone	RU0	18.880	5310.080	5328.960	---	---
				RU4	18.040	5310.920	5328.960	---	---
				RU8	19.120	5310.880	5330.000	---	---
			242Tone	RU61	19.920	5310.040	5329.960	---	---
	Ant1	5320	26Tone	RU0	19.080	5309.840	5328.920	---	---
				RU4	18.000	5311.000	5329.000	---	---
				RU8	19.160	5310.960	5330.120	---	---
			242Tone	RU61	20.000	5310.000	5330.000	---	---
	Ant0	5500	26Tone	RU0	18.880	5490.040	5508.920	---	---
				RU4	18.120	5490.840	5508.960	---	---

				RU8	19.120	5490.920	5510.040	---	---
			242Tone	RU61	19.880	5490.040	5509.920	---	---
	Ant1	5500	26Tone	RU0	18.920	5490.040	5508.960	---	---
				RU4	18.080	5490.920	5509.000	---	---
				RU8	19.040	5490.960	5510.000	---	---
			242Tone	RU61	20.040	5490.000	5510.040	---	---
	Ant0	5580	26Tone	RU0	18.920	5570.040	5588.960	---	---
				RU4	18.040	5570.920	5588.960	---	---
				RU8	18.960	5571.040	5590.000	---	---
			242Tone	RU61	19.880	5570.040	5589.920	---	---
	Ant1	5580	26Tone	RU0	18.920	5570.040	5588.960	---	---
				RU4	18.000	5570.920	5588.920	---	---
				RU8	18.880	5571.040	5589.920	---	---
			242Tone	RU61	19.920	5570.040	5589.960	---	---
	Ant0	5700	26Tone	RU0	18.920	5690.040	5708.960	---	---
				RU4	18.040	5690.920	5708.960	---	---
				RU8	18.960	5691.000	5709.960	---	---
			242Tone	RU61	19.920	5690.040	5709.960	---	---

	Ant1	5700	26Tone	RU0	18.920	5690.040	5708.960	---	---
				RU4	18.120	5690.920	5709.040	---	---
				RU8	19.000	5690.960	5709.960	---	---
			242Tone	RU61	19.920	5690.080	5710.000	---	---
	Ant0	5720	26Tone	RU0	18.960	5710.000	5728.960	---	---
				RU4	17.960	5710.960	5728.920	---	---
				RU8	18.960	5711.040	5730.000	---	---
			242Tone	RU61	19.880	5710.080	5729.960	---	---
	Ant1	5720	26Tone	RU0	18.960	5710.040	5729.000	---	---
				RU4	18.080	5710.920	5729.000	---	---
				RU8	19.040	5710.960	5730.000	---	---
			242Tone	RU61	19.960	5710.040	5730.000	---	---
	Ant0	5720_UNII-2C	26Tone	RU0	15.000	5710.000	5725	---	---
				RU4	14.040	5710.960	5725	---	---
				RU8	13.960	5711.040	5725	---	---
			242Tone	RU61	14.920	5710.080	5725	---	---
	Ant1	5720_UNII-2C	26Tone	RU0	14.960	5710.040	5725	---	---
				RU4	14.080	5710.920	5725	---	---

				RU8	14.040	5710.960	5725	---	---
			242Tone	RU61	14.960	5710.040	5725	---	---
	Ant0	5720_UNII-3	26Tone	RU0	3.960	5725	5728.960	---	---
				RU4	3.920	5725	5728.920	---	---
				RU8	5.000	5725	5730.000	---	---
			242Tone	RU61	4.96	5725	5729.960	---	---
	Ant1	5720_UNII-3	26Tone	RU0	4.000	5725	5729.000	---	---
				RU4	4.000	5725	5729.000	---	---
				RU8	5.000	5725	5730.000	---	---
			242Tone	RU61	5.000	5725	5730.000	---	---
	Ant0	5745	26Tone	RU0	18.920	5735.040	5753.960	---	---
				RU4	18.040	5735.920	5753.960	---	---
				RU8	19.160	5735.840	5755.000	---	---
			242Tone	RU61	19.920	5735.040	5754.960	---	---
	Ant1	5745	26Tone	RU0	18.960	5735.000	5753.960	---	---
				RU4	17.800	5736.000	5753.800	---	---
				RU8	18.840	5736.160	5755.000	---	---
			242Tone	RU61	19.880	5735.080	5754.960	---	---
	Ant0	5785	26Tone	RU0	18.960	5775.000	5793.960	---	---
				RU4	17.200	5776.040	5793.240	---	---
				RU8	18.960	5776.040	5795.000	---	---

			242Tone	RU61	19.920	5775.040	5794.960	---	---
	Ant1	5785	26Tone	RU0	18.320	5775.040	5793.360	---	---
				RU4	17.720	5776.200	5793.920	---	---
				RU8	19.000	5776.000	5795.000	---	---
			242Tone	RU61	19.840	5775.080	5794.920	---	---
	Ant0	5825	26Tone	RU0	18.880	5815.040	5833.920	---	---
				RU4	17.840	5816.120	5833.960	---	---
				RU8	18.960	5816.000	5834.960	---	---
			242Tone	RU61	19.960	5815.040	5835.000	---	---
	Ant1	5825	26Tone	RU0	18.920	5815.040	5833.960	---	---
				RU4	17.440	5816.040	5833.480	---	---
				RU8	19.000	5816.000	5835.000	---	---
			242Tone	RU61	19.920	5815.080	5835.000	---	---
11AX40MIMO	Ant0	5190	26Tone	RU0	18.960	5170.080	5189.040	---	---
				RU8	22.320	5170.960	5193.280	---	---
				RU17	19.040	5190.880	5209.920	---	---
			484Tone	RU65	39.680	5170.160	5209.840	---	---
	Ant1	5190	26Tone	RU0	18.880	5170.160	5189.040	---	---

				RU8	23.120	5170.880	5194.000	---	---
				RU17	18.880	5191.040	5209.920	---	---
			484Tone	RU65	39.760	5170.160	5209.920	---	---
	Ant0	5230	26Tone	RU0	18.560	5210.160	5228.720	---	---
				RU8	22.480	5210.960	5233.440	---	---
				RU17	19.120	5230.880	5250.000	---	---
			484Tone	RU65	39.600	5210.240	5249.840	---	---
	Ant1	5230	26Tone	RU0	19.120	5210.160	5229.280	---	---
				RU8	22.400	5211.040	5233.440	---	---
				RU17	18.880	5231.040	5249.920	---	---
			484Tone	RU65	39.760	5210.160	5249.920	---	---
	Ant0	5270	26Tone	RU0	18.960	5250.080	5269.040	---	---
				RU8	22.560	5250.880	5273.440	---	---
				RU17	19.040	5270.960	5290.000	---	---
			484Tone	RU65	39.520	5250.240	5289.760	---	---
	Ant1	5270	26Tone	RU0	18.880	5250.160	5269.040	---	---
				RU8	22.320	5250.880	5273.200	---	---
				RU17	19.280	5270.720	5290.000	---	---

			484Tone	RU65	39.760	5250.080	5289.840	---	---
	Ant0	5310	26Tone	RU0	18.880	5290.160	5309.040	---	---
				RU8	21.120	5292.080	5313.200	---	---
				RU17	18.960	5310.960	5329.920	---	---
			484Tone	RU65	39.680	5290.160	5329.840	---	---
	Ant1	5310	26Tone	RU0	18.960	5290.080	5309.040	---	---
				RU8	23.040	5290.720	5313.760	---	---
				RU17	18.960	5310.960	5329.920	---	---
			484Tone	RU65	39.600	5290.160	5329.760	---	---
	Ant0	5510	26Tone	RU0	18.880	5490.160	5509.040	---	---
				RU8	22.000	5491.360	5513.360	---	---
				RU17	18.960	5510.960	5529.920	---	---
			484Tone	RU65	39.600	5490.240	5529.840	---	---
	Ant1	5510	26Tone	RU0	18.400	5490.080	5508.480	---	---
				RU8	22.640	5490.800	5513.440	---	---
				RU17	19.040	5511.040	5530.080	---	---
			484Tone	RU65	39.600	5490.320	5529.920	---	---
	Ant0	5550	26Tone	RU0	19.040	5530.080	5549.120	---	---

				RU8	22.000	5531.040	5553.040	---	---
				RU17	18.880	5550.960	5569.840	---	---
			484Tone	RU65	39.520	5530.320	5569.840	---	---
	Ant1	5550	26Tone	RU0	19.120	5530.000	5549.120	---	---
				RU8	23.040	5531.040	5554.080	---	---
				RU17	18.960	5550.960	5569.920	---	---
			484Tone	RU65	39.680	5530.240	5569.920	---	---
	Ant0	5670	26Tone	RU0	18.880	5650.160	5669.040	---	---
				RU8	22.640	5650.960	5673.600	---	---
				RU17	19.120	5670.880	5690.000	---	---
			484Tone	RU65	39.680	5650.160	5689.840	---	---
	Ant1	5670	26Tone	RU0	19.120	5650.000	5669.120	---	---
				RU8	22.800	5650.960	5673.760	---	---
				RU17	18.880	5671.040	5689.920	---	---
			484Tone	RU65	39.520	5650.240	5689.760	---	---
	Ant0	5710	26Tone	RU0	18.800	5690.160	5708.960	---	---
				RU8	22.160	5690.960	5713.120	---	---
				RU17	18.960	5710.960	5729.920	---	---

			484Tone	RU65	39.680	5690.160	5729.840	---	---
	Ant1	5710	26Tone	RU0	18.960	5690.160	5709.120	---	---
				RU8	22.320	5690.960	5713.280	---	---
				RU17	18.720	5711.200	5729.920	---	---
			484Tone	RU65	39.600	5690.320	5729.920	---	---
	Ant0	5710_UNII-2C	26Tone	RU0	18.800	5690.160	5725	---	---
				RU8	22.160	5690.960	5725	---	---
				RU17	14.040	5710.960	5725	---	---
			484Tone	RU65	34.840	5690.160	5725	---	---
	Ant1	5710_UNII-2C	26Tone	RU0	18.960	5690.160	5725	---	---
				RU8	22.320	5690.960	5725	---	---
				RU17	13.800	5711.200	5725	---	---
			484Tone	RU65	34.680	5690.320	5725	---	---
	Ant0	5710_UNII-3	26Tone	RU0	18.800	5725	5708.960	---	---
				RU8	22.160	5725	5713.120	---	---
				RU17	4.920	5725	5729.920	---	---
			484Tone	RU65	4.840	5725	5729.840	---	---
	Ant1	5710_UNII-3	26Tone	RU0	18.960	5725	5709.120	---	---
				RU8	22.320	5725	5713.280	---	---
				RU17	4.920	5725	5729.920	---	---
			484Tone	RU65	4.920	5725	5729.920	---	---

	Ant0	5755	26Tone	RU0	18.960	5735.080	5754.040	---	---
				RU8	21.920	5735.960	5757.880	---	---
				RU17	18.880	5756.040	5774.920	---	---
			484Tone	RU65	39.600	5735.240	5774.840	---	---
	Ant1	5755	26Tone	RU0	19.440	5734.680	5754.120	---	---
				RU8	22.960	5735.960	5758.920	---	---
				RU17	19.440	5755.960	5775.400	---	---
			484Tone	RU65	66.240	5722.280	5788.520	---	---
	Ant0	5795	26Tone	RU0	19.040	5775.080	5794.120	---	---
				RU8	21.760	5775.880	5797.640	---	---
				RU17	18.960	5795.960	5814.920	---	---
			484Tone	RU65	39.680	5775.160	5814.840	---	---
	Ant1	5795	26Tone	RU0	18.880	5775.080	5793.960	---	---
				RU8	22.240	5775.960	5798.200	---	---
				RU17	19.120	5795.880	5815.000	---	---
			484Tone	RU65	39.680	5775.080	5814.760	---	---
11AX80MIMO	Ant0	5210	26Tone	RU0	19.520	5169.840	5189.360	---	---
				RU18	38.720	5191.120	5229.840	---	---

				RU36	19.680	5230.480	5250.160	---	---
			996Tone	RU67	80.160	5170.000	5250.160	---	---
	Ant1	5210	26Tone	RU0	19.200	5170.000	5189.200	---	---
				RU18	38.880	5190.320	5229.200	---	---
				RU36	20.160	5230.000	5250.160	---	---
			996Tone	RU67	80.160	5170.000	5250.160	---	---
	Ant0	5290	26Tone	RU0	20.640	5249.840	5270.480	---	---
				RU18	24.800	5250.640	5275.440	---	---
				RU36	20.000	5310.320	5330.320	---	---
			996Tone	RU67	80.320	5249.840	5330.160	---	---
	Ant1	5290	26Tone	RU0	19.520	5249.840	5269.360	---	---
				RU18	24.320	5250.800	5275.120	---	---
				RU36	19.680	5310.480	5330.160	---	---
			996Tone	RU67	80.160	5250.000	5330.160	---	---
	Ant0	5530	26Tone	RU0	20.000	5489.840	5509.840	---	---
				RU18	38.080	5511.440	5549.520	---	---
				RU36	20.000	5550.320	5570.320	---	---
			996Tone	RU67	80.000	5490.000	5570.000	---	---

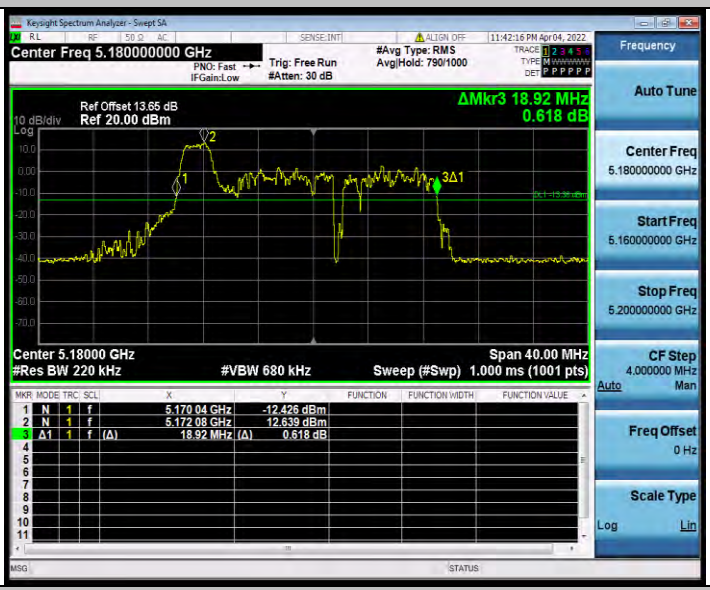
	Ant1	5530	26Tone	RU0	134.080	5466.000	5600.080	---	---
				RU18	37.760	5510.800	5548.560	---	---
				RU36	19.840	5550.640	5570.480	---	---
			996Tone	RU67	80.320	5490.000	5570.320	---	---
	Ant0	5610	26Tone	RU0	20.640	5569.840	5590.480	---	---
				RU18	38.560	5590.640	5629.200	---	---
				RU36	19.840	5630.320	5650.160	---	---
			996Tone	RU67	80.160	5569.840	5650.000	---	---
	Ant1	5610	26Tone	RU0	19.680	5570.000	5589.680	---	---
				RU18	38.720	5590.640	5629.360	---	---
				RU36	15.040	5635.120	5650.160	---	---
			996Tone	RU67	80.160	5570.000	5650.160	---	---
	Ant0	5690	26Tone	RU0	19.680	5649.840	5669.520	---	---
				RU18	38.880	5670.640	5709.520	---	---
				RU36	19.520	5710.800	5730.320	---	---
			996Tone	RU67	80.160	5650.000	5730.160	---	---
	Ant1	5690	26Tone	RU0	19.680	5649.680	5669.360	---	---
				RU18	37.760	5671.440	5709.200	---	---

				RU36	19.520	5710.800	5730.320	---	---
			996Tone	RU67	80.000	5650.000	5730.000	---	---
	Ant0	5690_UNII-2C	26Tone	RU0	19.680	5649.840	5725	---	---
				RU18	38.880	5670.640	5725	---	---
				RU36	14.200	5710.800	5725	---	---
			996Tone	RU67	75.000	5650.000	5725	---	---
	Ant1	5690_UNII-2C	26Tone	RU0	19.680	5649.680	5725	---	---
				RU18	37.760	5671.440	5725	---	---
				RU36	14.200	5710.800	5725	---	---
			996Tone	RU67	75.000	5650.000	5725	---	---
	Ant0	5690_UNII-3	26Tone	RU0	19.680	5725	5669.520	---	---
				RU18	38.880	5725	5709.520	---	---
				RU36	5.320	5725	5730.320	---	---
			996Tone	RU67	5.160	5725	5730.160	---	---
	Ant1	5690_UNII-3	26Tone	RU0	19.680	5725	5669.360	---	---
				RU18	37.760	5725	5709.200	---	---
				RU36	5.320	5725	5730.320	---	---
			996Tone	RU67	5.000	5725	5730.000	---	---
	Ant0	5775	26Tone	RU0	18.880	5734.840	5753.720	---	---
				RU18	38.720	5755.480	5794.200	---	---
				RU36	20.160	5795.160	5815.320	---	---

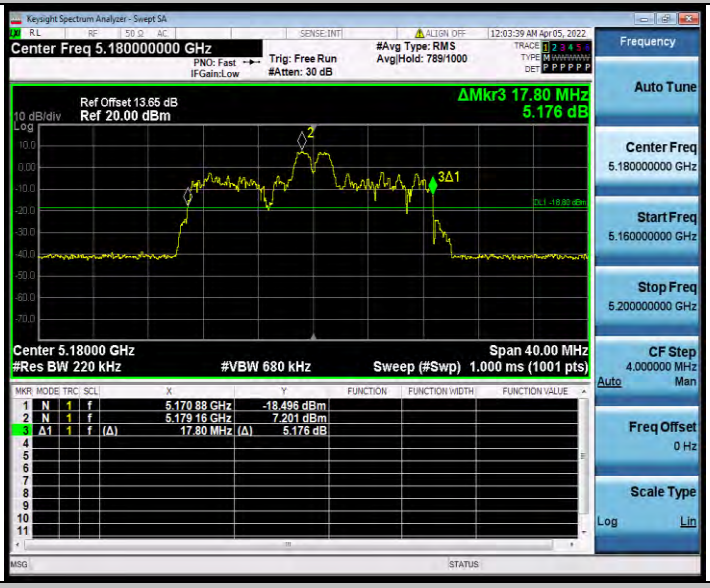
			996Tone	RU67	80.160	5735.000	5815.160	---	---
	Ant1	5775	26Tone	RU0	19.680	5734.840	5754.520	---	---
				RU18	38.240	5755.960	5794.200	---	---
				RU36	19.360	5795.800	5815.160	---	---
			996Tone	RU67	80.000	5735.000	5815.000	---	---

TEST GRAPHS

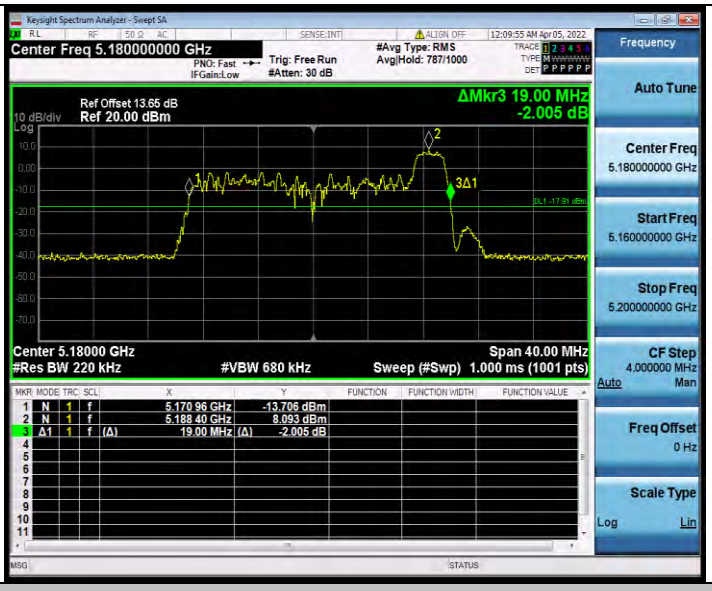
11AX20MIMO_Ant0_5180_26Tone_RU0



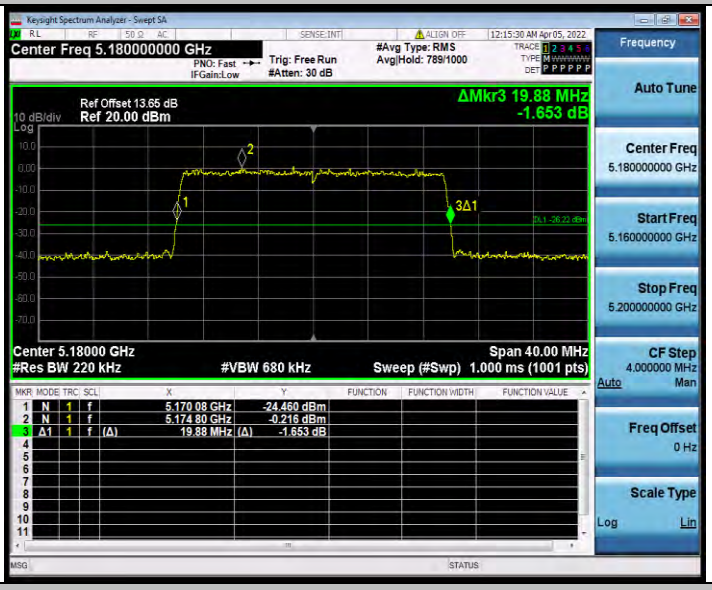
11AX20MIMO_Ant0_5180_26Tone_RU4



11AX20MIMO_Ant0_5180_26Tone_RU8

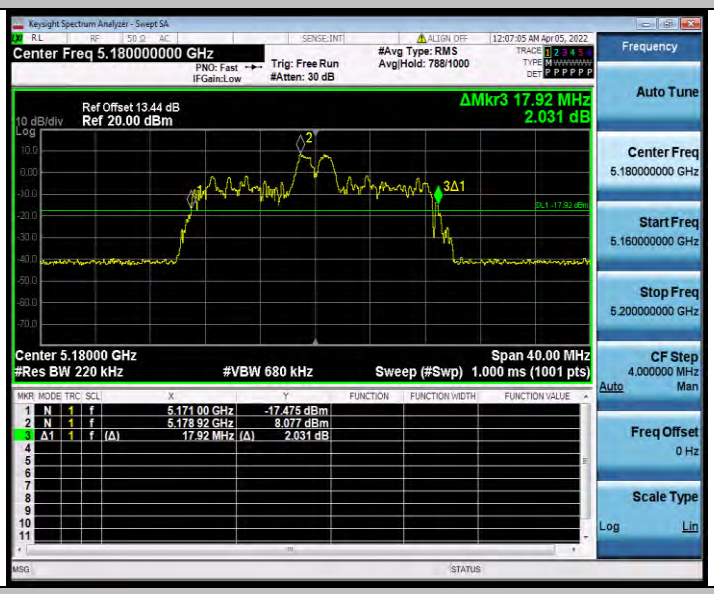


11AX20MIMO_Ant0_5180_242Tone_RU61



11AX20MIMO_Ant1_5180_26Tone_RU0

11AX20MIMO_Ant1_5180_26Tone_RU4



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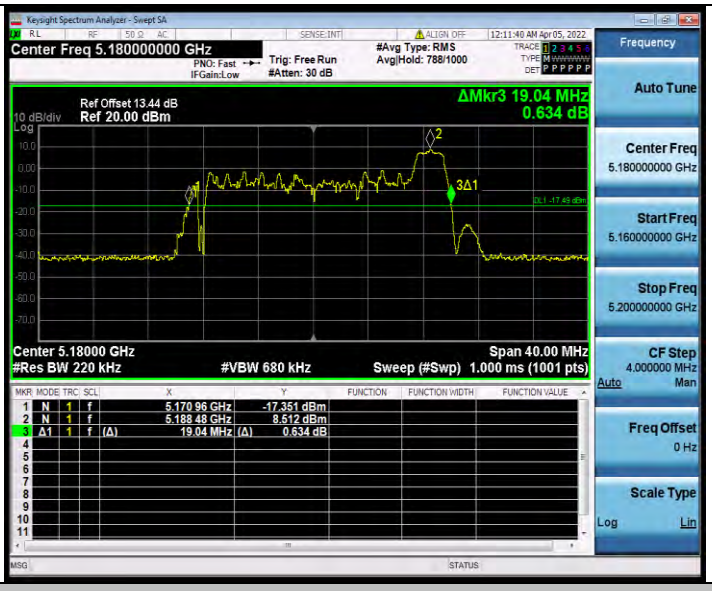
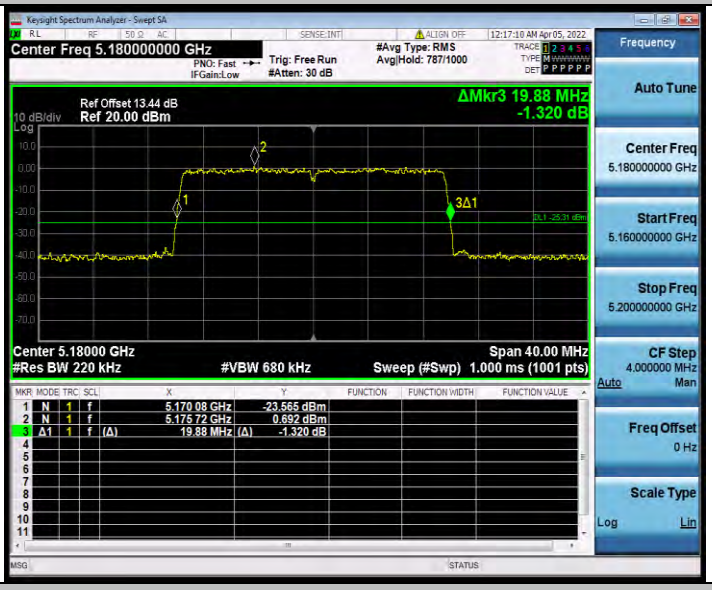


11AX20MIMO_Ant1_5180_242Tone_RU61



11AX20MIMO_Ant0_5200_26Tone_RU0