

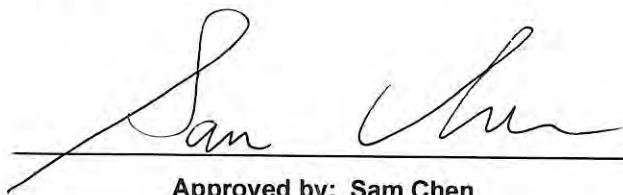


RADIO TEST REPORT

FCC ID : TX2-RTL8852CE
Equipment : 11ax RTL8852CE Combo module
Brand Name : REALTEK
Model Name : RTL8852CE
Applicant : Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park,
Hsinchu 300, Taiwan
Manufacturer : Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park,
Hsinchu 300, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on May 07, 2025, and testing was started from May 10, 2025 and completed on Jun. 04, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3

Page Number : 3 of 29
Issued Date : Jun. 24, 2025
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-
3.2	15.247(b)	Maximum Conducted Output Power	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen**Report Producer: Muse Chan**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2472	1-13 [13]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2462	3-11 [9]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX/2TX
2.4-2.4835GHz	802.11g	20	1TX/2TX
2.4-2.4835GHz	802.11n HT20	20	1TX/2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	1TX/2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX/2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	1TX/2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	VHT40	40	1TX/2TX
2.4-2.4835GHz	VHT40-BF	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	1TX/2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth					
1	1/2	1/2	1	ARISTOTLE	RFA-27-JP378-4B-200	Monopole	I-PEX	Note 1
2	1/2	1/2	1	ARISTOTLE	RFA-27-JP326-MHF4300	PIFA	I-PEX	
3	1/2	1/2	1	ARISTOTLE	RFA-27-C38H1-MHF4300	Dipole	I-PEX	
4	-	1/2	-	ARISTOTLE	RFA-57-JP697-4B-300	Monopole	I-PEX	
5	1/2	1/2	1	NVIDIA	367-1312-000	Slot	I-PEX	

Note 1

Ant.	Port			Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth
1	1/2	1/2	1	3.38	4.86	3.38
2	1/2	1/2	1	3.50	5.00	3.50
3	1/2	1/2	1	3.00	5.00	3.00
4	-	1/2	-	-	-5	-
5	1/2	1/2	1	3.00	5.00	3.00

Note 2: The above information was declared by manufacturer.

Note 3: For Conducted measurement Test: Only the highest gain antenna "Ant. 2" was selected to perform the test and recorded in this report.

<For WLAN 2.4GHz function>**For IEEE 802.11b/g/n/VHT/ax (1TX/2RX):****For Conducted:**

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

Port 1 and Port 2 could receive simultaneously

For Radiated:

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 2 generated the worst case, so it was selected to test and record in the report.

Port 1 and Port 2 could receive simultaneously

For IEEE 802.11b/g/n/VHT/ax (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

**<For WLAN 5GHz function>****For IEEE 802.11a/n/ac/ax (1TX/2RX):**

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

Port 1 and Port 2 could receive simultaneously

For IEEE 802.11a/n/ac/ax (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

<For WLAN 6GHz function>**For IEEE 802.11ax (1TX/2RX):**

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

Port 1 and Port 2 could receive simultaneously

For IEEE 802.11ax (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

<For Bluetooth function> (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left(\sum_{k=1}^{N_{ant}} g_{j,k} \right)^2}{N_{ant}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left(\sum_{k=1}^{N_{ant}} g_{j,k} \right)^2}{N_{ant}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left(\sum_{k=1}^{N_{ant}} g_{j,k} \right)^2}{N_{ant}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left(\sum_{k=1}^{N_{ant}} g_{j,k} \right)^2}{N_{ant}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

Monopole Antenna

$$2.4G \ G1 = 3.38 \text{ dBi} ; G2 = 3.38 \text{ dBi} ; DG=6.39 \text{ dBi}$$

$$5G \ G1 = 4.86 \text{ dBi} ; G2 = 4.86 \text{ dBi} ; DG=7.87 \text{ dBi}$$

$$6G \ G1 = 4.86 \text{ dBi} ; G2 = 4.86 \text{ dBi} ; DG=7.87 \text{ dBi}$$

PIFA Antenna

$$2.4G \ G1 = 3.5 \text{ dBi} ; G2 = 3.5 \text{ dBi} ; DG=6.51 \text{ dBi}$$

$$5G \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG=8.01 \text{ dBi}$$

$$6G \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG=8.01 \text{ dBi}$$

Dipole Antenna

$$2.4G \ G1 = 3 \text{ dBi} ; G2 = 3 \text{ dBi} ; DG=6.01 \text{ dBi}$$

$$5G \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG=8.01 \text{ dBi}$$

$$6G \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG=8.01 \text{ dBi}$$

Slot Antenna

$$2.4G \ G1 = 3 \text{ dBi} ; G2 = 3 \text{ dBi} ; DG=6.01 \text{ dBi}$$

$$5G \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG=8.01 \text{ dBi}$$

$$6G \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG=8.01 \text{ dBi}$$



1.1.3 Test Mode of Partial RU

Mode		Partial RU		
802.11ax HEW20	1TX	26	52	106
	2TX	26	52	106

1.1.4 Mode Test Duty Cycle

<Full RU>

1TX:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss 1,(1D)	0.999	0.01	37.084m	10Hz (DC $\geq$ 0.98)
802.11g_Nss 1,(6D)	0.996	0.02	1.363m	10Hz (DC $\geq$ 0.98)
802.11ax HEW20_Nss 1,(M0)	0.995	0.02	1.173m	10Hz (DC $\geq$ 0.98)
802.11ax HEW40_Nss 1,(M0)	0.99	0.04	620u	10Hz (DC $\geq$ 0.98)

2TX:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.999	0.01	8.192m	10Hz (DC $\geq$ 0.98)
802.11g	0.995	0.02	1.36m	10Hz (DC $\geq$ 0.98)
VHT20	0.994	0.03	1.153m	10Hz (DC $\geq$ 0.98)
VHT40	0.987	0.06	576.875u	10Hz (DC $\geq$ 0.98)
802.11ax HEW20	0.992	0.03	986.625u	10Hz (DC $\geq$ 0.98)
802.11ax HEW40	0.984	0.07	520.25u	10Hz (DC $\geq$ 0.98)

<Partial RU>

RU 26-1TX:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20_Nss 1,(M0)	0.999	0.01	5.435m	10Hz (DC $\geq$ 0.98)

RU 26-2TX:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20	0.992	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

RU 52-1TX:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20_Nss 1,(M0)	0.971	0.13	210u	5k

RU 52-2TX:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20	0.965	0.15	208.406u	5k

RU 106-1TX:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20_Nss 1,(M0)	0.964	0.16	208.5u	10k

**RU 106-2TX:**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20	0.963	0.16	208.219u	5k

Note:

- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.5 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in 2.4GHz, 11n/11ac/11ax in 5GHz and ax in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	AX Series MP Toolkit Version mp_v2.0.4			

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT in 6GHz Information

Support Function	Equipment Class	Equip Antenna Type
Dual client	6CD	Monopole, PIFA, Dipole
Very low power	6VL	Monopole, PIFA, Dipole
Indoor client	6XD	Slot

1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR1N0223AA

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
There is no hardware or electrical modification made to the applying modular transmitter itself. 1. Adding the different antenna type (Type: Slot, antenna no. 5) with lower gain in 2.4GHz and same gain in 5GHz/6GHz than the highest antenna gains in the original report. 2. Adding support the indoor client for 6GHz (equipment class code: 6XD) and equip Slot antenna only.	Emissions in Restricted Frequency Bands

Note: As requested by the manufacturer, the original output power has been listed in the test report.



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated (below 1GHz)	03CH06-CB	Gordon Hung	21.9~23.1 / 60~62	Jun. 04, 2025
Radiated (above 1GHz)	03CH01-CB	Viola Huang	21.3~22.3 / 58~61	May 10, 2025~ May 28, 2025
	03CH04-CB		21.4~22.6 / 57~61	

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Date: Date Before May 28, 2025

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%

Test Date: Date After May 27, 2025

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

<Full RU>

1TX

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	21
2437MHz	22
2457MHz	21
2462MHz	21
2467MHz	16
2472MHz	13
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	17.5
2417MHz	18
2437MHz	22.5
2457MHz	20.5
2462MHz	18
2467MHz	17
2472MHz	16.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	17.5
2417MHz	19
2437MHz	22
2457MHz	20
2462MHz	17
2467MHz	16.5
2472MHz	11.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-
2422MHz	17
2437MHz	18
2452MHz	17
2457MHz	16
2462MHz	15.5

**2TX**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	20.5(S0-1)
2437MHz	21.75(S0-1)
2457MHz	19(S0-1.5)
2462MHz	19.25(S0-1.5)
2467MHz	13(S0-2)
2472MHz	8(S0-4)
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17.5(S0-1.5)
2417MHz	18.5(S0-1)
2437MHz	22.5(S0-1)
2457MHz	19(S0-1.5)
2462MHz	17(S0-1.5)
2467MHz	16.5(S0-1.5)
2472MHz	11.25(S0-2.5)
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	17.25(S0-1.5)
2417MHz	19(S0-1.5)
2437MHz	22.5(S0-1.5)
2457MHz	18(S0-1.5)
2462MHz	16.25(S0-1.5)
2467MHz	16.25(S0-1.5)
2472MHz	7.75(S0-4.5)
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	16.5(S0-1.5)
2437MHz	16(S0-1.5)
2452MHz	15(S0-1.5)
2457MHz	15(S0-2)
2462MHz	13(S0-2)

**<Partial RU>****RU 26****1TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX	-
2412MHz	19
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX	-
2437MHz	23.5
2462MHz	16.5
2467MHz	12.5
2472MHz	2

2TX

Mode	Power Setting
802.11ax HEW20_Nss1,RU 26,#RU 0_2TX	-
2412MHz	20(S0-0.5)
802.11ax HEW20_Nss1,RU 26,#RU 8_2TX	-
2437MHz	24.25(S0-0.625)
2462MHz	17(S0-0.75)
2467MHz	12.75(S0-1.25)
2472MHz	-2.5(S0-1.125)

RU 52**1TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX	-
2412MHz	20
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX	-
2437MHz	23.5
2462MHz	17.5
2467MHz	13.5
2472MHz	7

2TX

Mode	Power Setting
802.11ax HEW20_Nss1,RU 52,#RU 37_2TX	-
2412MHz	19(S0-0.5)
802.11ax HEW20_Nss1,RU 52,#RU 40_2TX	-
2437MHz	25.25(S0-0)
2462MHz	17.25(S0-0.625)
2467MHz	13(S0-1.375)
2472MHz	1.75(S0-1.75)

RU 106
1TX

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX	-
2412MHz	19.5
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX	-
2437MHz	23
2462MHz	17.25
2467MHz	14.5
2472MHz	8

2TX

Mode	Power Setting
802.11ax HEW20_Nss1,RU 106,#RU 53_2TX	-
2412MHz	19(S0-0.375)
802.11ax HEW20_Nss1,RU 106,#RU 54_2TX	-
2437MHz	24.25(S0-0.75)
2462MHz	19.25(S0-0.625)
2467MHz	15.25(S0-1.25)
2472MHz	3(S0-1.75)

Note:

- ♦ Evaluated HEW20/HEW40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40. The VHT20/VHT40 evaluates the output power only.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.

2.2 The Worst Case Measurement Configuration

<Full RU>

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	1. After evaluating, EUT in Z axis was the worst case, so the measurement will follow this same test configuration. 2. The EUT was performed testing at WLAN 2.4GHz+Bluetooth, WLAN 5GHz+Bluetooth and WLAN 6GHz+Bluetooth, after evaluation, WLAN 2.4GHz+Bluetooth has been evaluated to be the worst case, Consequently, measurement will follow this same test mode.
1	EUT in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 5
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	1TX: EUT with Ant. 5 (at Z axis)
	2TX: EUT with Ant. 5 (at Z axis)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Conducted Output Power
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	EUT with Ant. 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 5GHz : 2TX
2	Bluetooth + WLAN 6GHz : 2TX
3	WLAN 2.4GHz: 1TX + WLAN 5GHz : 1TX
4	WLAN 2.4GHz: 1TX + WLAN 6GHz : 1TX
5	Bluetooth + WLAN 5GHz : 1TX + WLAN 6GHz : 1TX
Refer to Sporton Test Report No.: FA1N0223-66 for Co-location RF Exposure Evaluation.	

**<Partial RU>**

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	1TX: EUT with Ant. 5 (at Z axis)
	2TX: EUT with Ant. 5 (at Z axis)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Conducted Output Power
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	EUT with Ant. 2

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

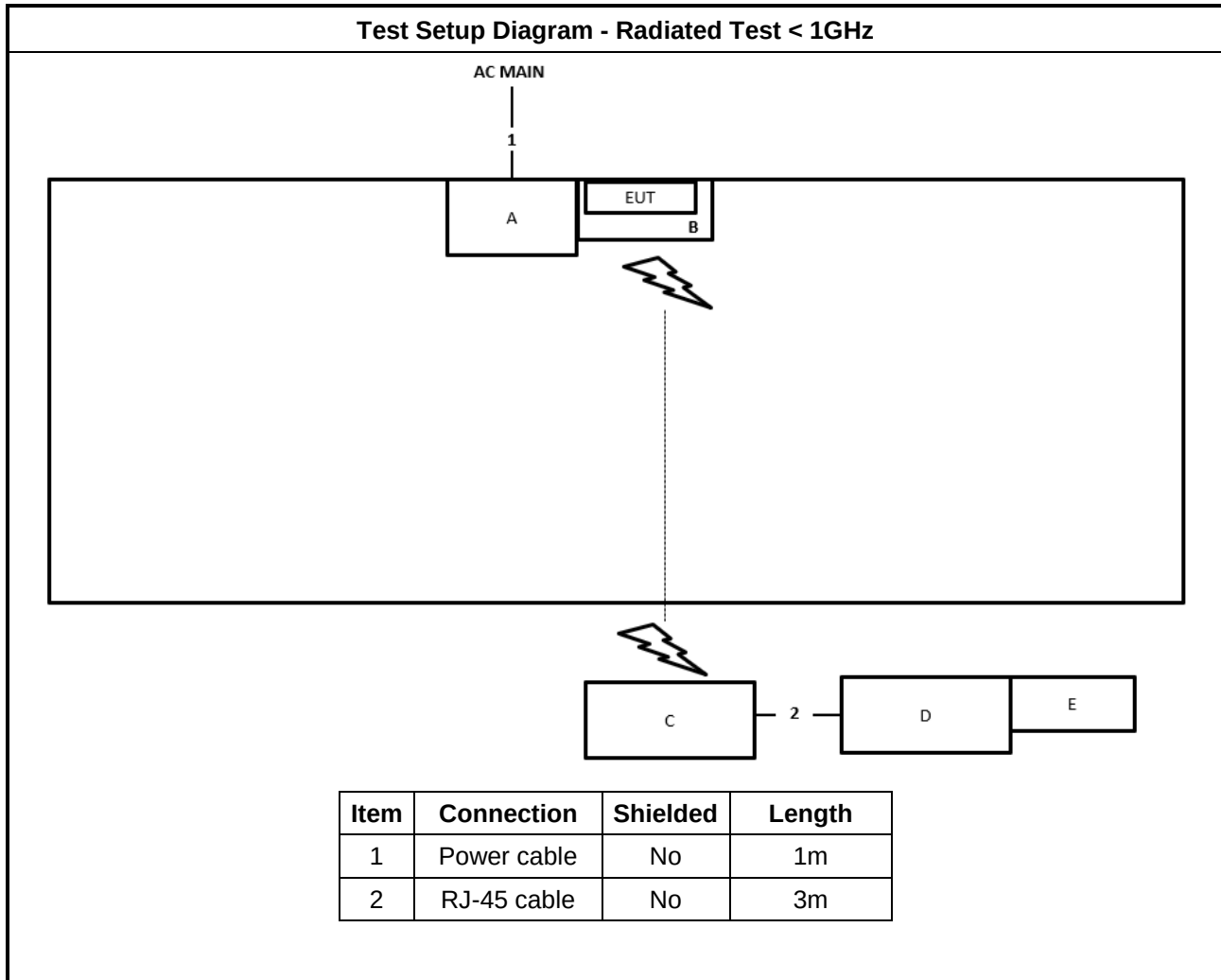
For Radiated (below 1GHz):

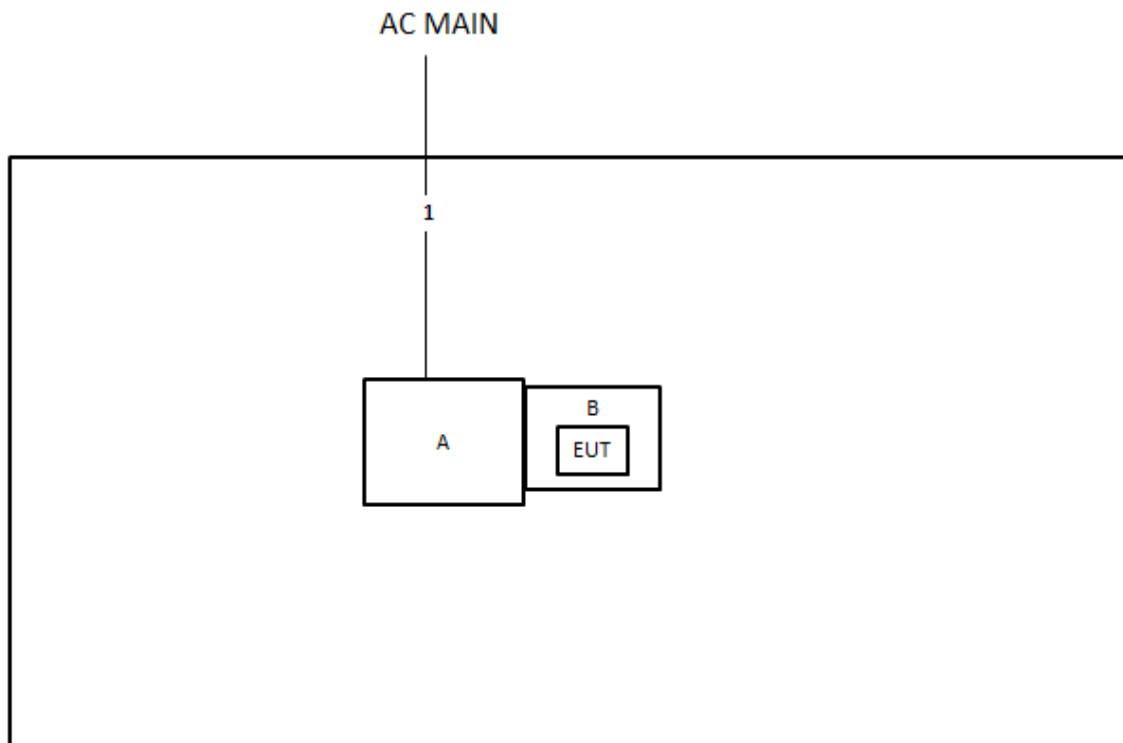
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Fixture	REALTEK	Ameba adapter	N/A
C	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
D	Notebook	DELL	E4300	N/A
E	BT Device	REALTEK	Ameba adapter	N/A

**For Radiated (above 1GHz):**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Test fixture	REALTEK	Ameba adapter	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m



3 Transmitter Test Result

3.1 Emissions in Restricted Frequency Bands

3.1.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.1.2 Measuring Instruments

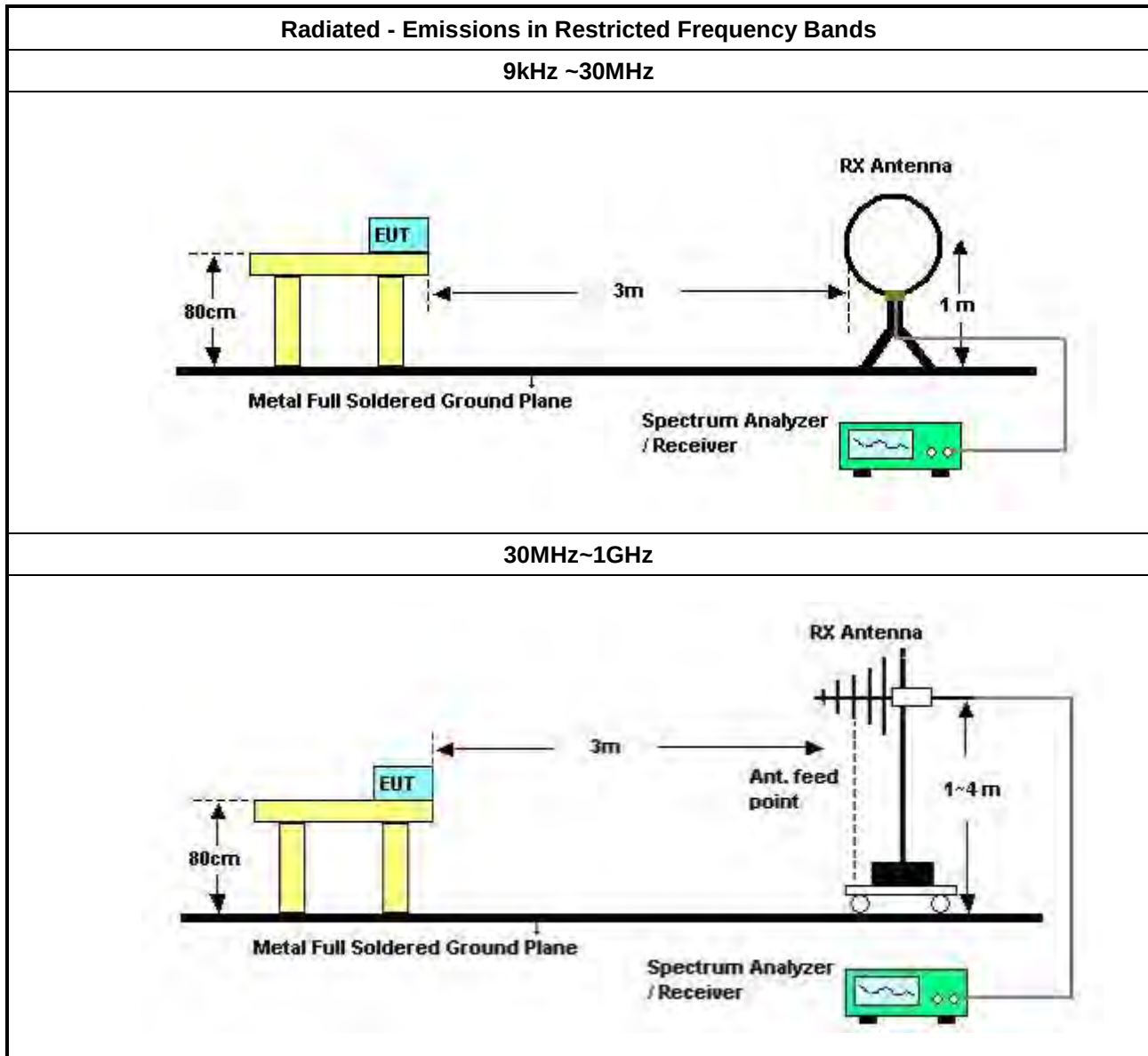
Refer a test equipment and calibration data table in this test report.

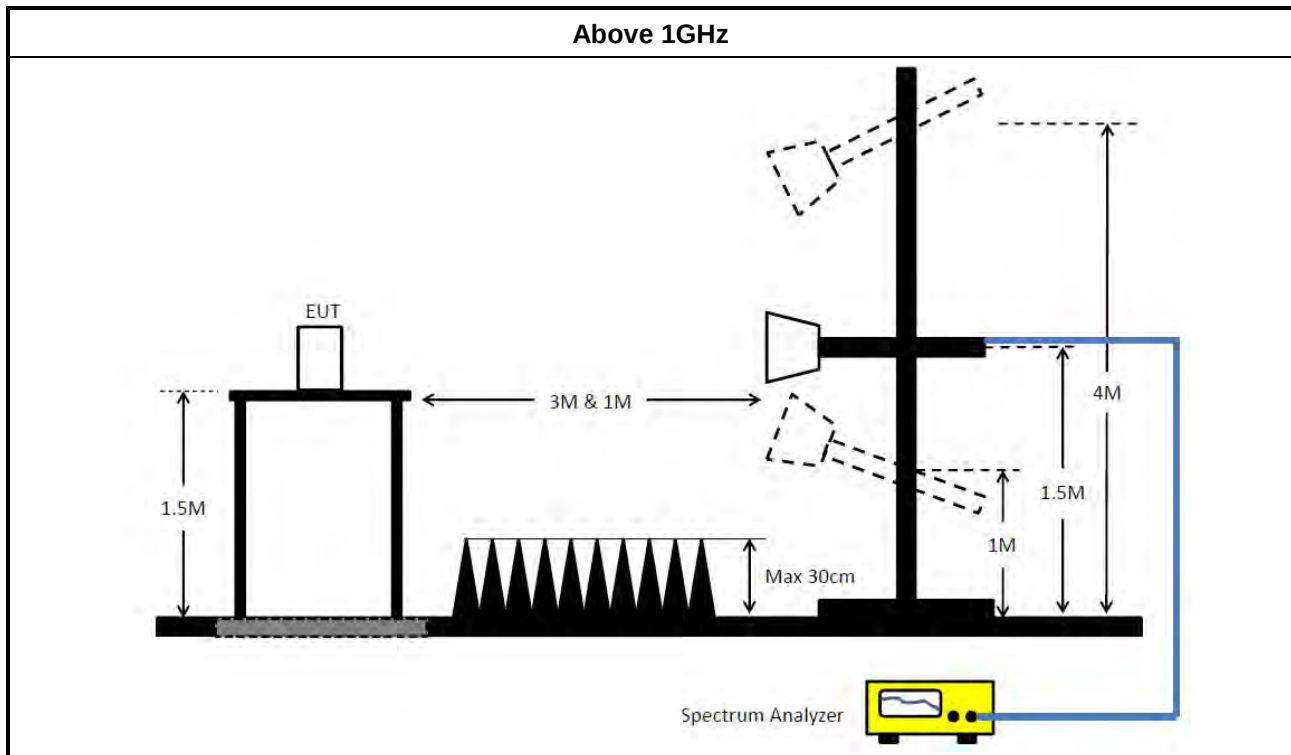


3.1.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
	▪ For the transmitter band-edge emissions shall be measured using following options below:
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.1.4 Test Setup





3.1.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.1.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.1.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪ Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

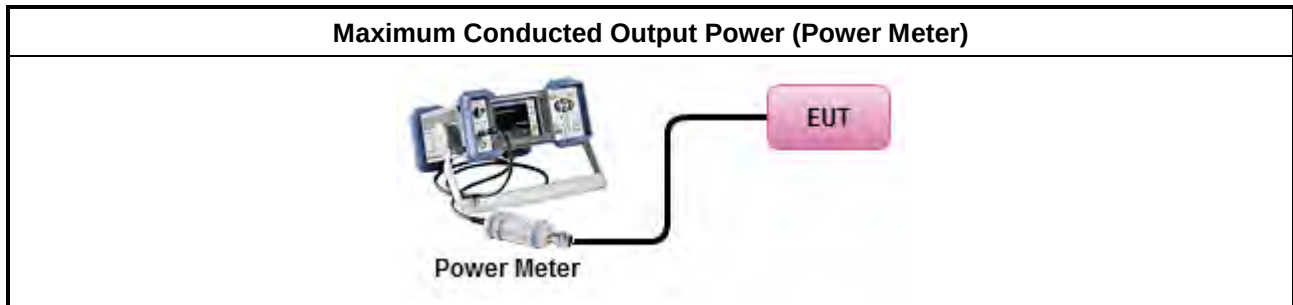
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 17, 2024	Oct. 16, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+68	30MHz~1GHz	Oct. 24, 2024	Oct. 23, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



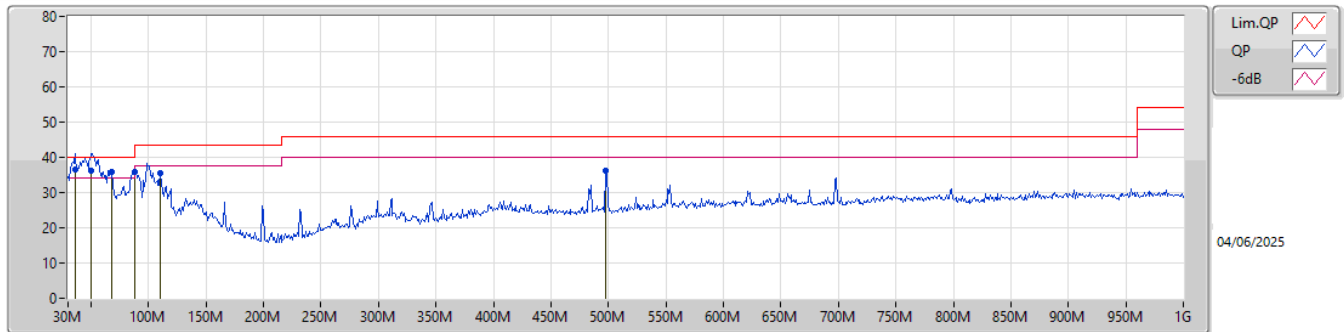
Radiated Emissions below 1GHz

Appendix A.1

Summary

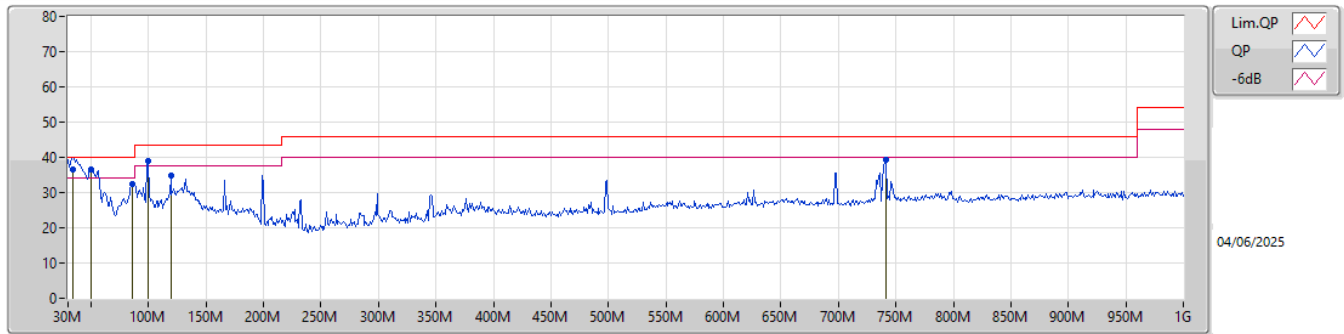
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	50.37M	36.67	40.00	-3.33	Horizontal

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	35.82M	36.53	40.00	-3.47	-10.60	3	Vertical	5	1.00	"Worst"	47.13	21.12	0.57	32.29		
QP	50.37M	36.09	40.00	-3.91	-17.63	3	Vertical	266	1.00	-	53.72	13.97	0.65	32.25		
PK	67.83M	35.69	40.00	-4.31	-19.53	3	Vertical	69	1.50	-	55.22	12.11	0.82	32.46		
PK	88M	35.93	43.50	-7.57	-16.97	3	Vertical	255	1.00	-	52.90	14.35	0.97	32.29		
PK	110.51M	35.38	43.50	-8.12	-13.47	3	Vertical	360	1.25	-	48.85	17.65	1.03	32.15		
PK	497.54M	36.08	46.00	-9.92	-6.37	3	Vertical	244	1.25	-	42.45	23.22	2.21	31.80		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	33.88M	36.45	40.00	-3.55	-9.52	3	Horizontal	0	1.50	-	45.97	22.22	0.56	32.30		
PK	50.37M	36.67	40.00	-3.33	-17.63	3	Horizontal	137	1.50	"Worst"	54.30	13.97	0.65	32.25		
PK	86.26M	32.50	40.00	-7.50	-17.32	3	Horizontal	321	2.00	-	49.82	14.03	0.97	32.32		
PK	99.84M	38.85	43.50	-4.65	-14.48	3	Horizontal	154	1.50	-	53.33	16.59	1.02	32.09		
PK	119.24M	34.90	43.50	-8.60	-13.29	3	Horizontal	3	3.00	-	48.19	17.89	1.03	32.21		
PK	741.01M	39.29	46.00	-6.71	-3.10	3	Horizontal	288	1.50	-	42.39	25.59	2.72	31.41		



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1(1Mbps)_1TX	Pass	AV	2.4835G	53.70	54.00	-0.30	3	Vertical	231	1.09	-
802.11g_Nss1(6Mbps)_1TX	Pass	AV	2.4835G	53.97	54.00	-0.03	3	Vertical	301	1.00	-
802.11ax HEW20_Nss1(MCS0)_1TX	Pass	PK	2.485G	73.01	74.00	-0.99	3	Vertical	300	1.00	-
802.11ax HEW40_Nss1(MCS0)_1TX	Pass	PK	2.484G	73.94	74.00	-0.06	3	Vertical	228	1.11	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3858G	61.25	74.00	-12.75	3	Vertical	232	1.00	-
2412MHz	Pass	AV	2.3862G	53.22	54.00	-0.78	3	Vertical	232	1.00	-
2412MHz	Pass	PK	2.4146G	108.36	Inf	-Inf	3	Vertical	232	1.00	-
2412MHz	Pass	AV	2.4138G	105.66	Inf	-Inf	3	Vertical	232	1.00	-
2412MHz	Pass	PK	2.389G	59.09	74.00	-14.91	3	Horizontal	285	2.58	-
2412MHz	Pass	AV	2.3862G	46.82	54.00	-7.18	3	Horizontal	285	2.58	-
2412MHz	Pass	PK	2.4148G	102.65	Inf	-Inf	3	Horizontal	285	2.58	-
2412MHz	Pass	AV	2.4138G	100.01	Inf	-Inf	3	Horizontal	285	2.58	-
2412MHz	Pass	PK	4.82382G	50.42	74.00	-23.58	3	Vertical	290	1.80	-
2412MHz	Pass	AV	4.82394G	44.56	54.00	-9.44	3	Vertical	290	1.80	-
2412MHz	Pass	PK	4.82382G	46.29	74.00	-27.71	3	Horizontal	289	1.02	-
2412MHz	Pass	AV	4.81986G	32.53	54.00	-21.47	3	Horizontal	289	1.02	-
2437MHz	Pass	PK	2.3862G	57.33	74.00	-16.67	3	Vertical	231	1.20	-
2437MHz	Pass	AV	2.3886G	44.00	54.00	-10.00	3	Vertical	231	1.20	-
2437MHz	Pass	PK	2.4342G	109.86	Inf	-Inf	3	Vertical	231	1.20	-
2437MHz	Pass	AV	2.4354G	107.22	Inf	-Inf	3	Vertical	231	1.20	-
2437MHz	Pass	PK	2.4846G	58.35	74.00	-15.65	3	Vertical	231	1.20	-
2437MHz	Pass	AV	2.485G	45.56	54.00	-8.44	3	Vertical	231	1.20	-
2437MHz	Pass	PK	2.3382G	57.19	74.00	-16.81	3	Horizontal	282	3.00	-
2437MHz	Pass	AV	2.3594G	43.19	54.00	-10.81	3	Horizontal	282	3.00	-
2437MHz	Pass	PK	2.4342G	104.19	Inf	-Inf	3	Horizontal	282	3.00	-
2437MHz	Pass	AV	2.4354G	101.58	Inf	-Inf	3	Horizontal	282	3.00	-
2437MHz	Pass	PK	2.4902G	57.39	74.00	-16.61	3	Horizontal	282	3.00	-
2437MHz	Pass	AV	2.4846G	43.96	54.00	-10.04	3	Horizontal	282	3.00	-
2437MHz	Pass	PK	4.87394G	50.72	74.00	-23.28	3	Vertical	285	1.80	-
2437MHz	Pass	AV	4.87394G	44.86	54.00	-9.14	3	Vertical	285	1.80	-
2437MHz	Pass	PK	7.31214G	53.42	74.00	-20.58	3	Vertical	294	1.80	-
2437MHz	Pass	AV	7.30926G	40.61	54.00	-13.39	3	Vertical	294	1.80	-
2437MHz	Pass	PK	4.87058G	47.66	74.00	-26.34	3	Horizontal	8	2.20	-
2437MHz	Pass	AV	4.87388G	33.24	54.00	-20.76	3	Horizontal	8	2.20	-
2437MHz	Pass	PK	7.3254G	53.25	74.00	-20.75	3	Horizontal	180	1.86	-
2437MHz	Pass	AV	7.3083G	39.10	54.00	-14.90	3	Horizontal	180	1.86	-
2457MHz	Pass	PK	2.4542G	108.24	Inf	-Inf	3	Vertical	231	1.09	-
2457MHz	Pass	AV	2.4552G	105.49	Inf	-Inf	3	Vertical	231	1.09	-
2457MHz	Pass	PK	2.4835G	61.55	74.00	-12.45	3	Vertical	231	1.09	-
2457MHz	Pass	AV	2.4835G	53.70	54.00	-0.30	3	Vertical	231	1.09	-
2457MHz	Pass	PK	2.4542G	104.32	Inf	-Inf	3	Horizontal	222	2.41	-
2457MHz	Pass	AV	2.4552G	101.61	Inf	-Inf	3	Horizontal	222	2.41	-
2457MHz	Pass	PK	2.4836G	58.43	74.00	-15.57	3	Horizontal	222	2.41	-
2457MHz	Pass	AV	2.4835G	49.34	54.00	-4.66	3	Horizontal	222	2.41	-
2462MHz	Pass	PK	2.4648G	104.87	Inf	-Inf	3	Vertical	340	1.13	-
2462MHz	Pass	AV	2.4638G	102.15	Inf	-Inf	3	Vertical	340	1.13	-
2462MHz	Pass	PK	2.488G	58.78	74.00	-15.22	3	Vertical	340	1.13	-
2462MHz	Pass	AV	2.4878G	48.13	54.00	-5.87	3	Vertical	340	1.13	-
2462MHz	Pass	PK	2.4648G	102.16	Inf	-Inf	3	Horizontal	138	2.76	-
2462MHz	Pass	AV	2.4638G	99.37	Inf	-Inf	3	Horizontal	138	2.76	-
2462MHz	Pass	PK	2.4835G	59.07	74.00	-14.93	3	Horizontal	138	2.76	-
2462MHz	Pass	AV	2.4878G	47.82	54.00	-6.18	3	Horizontal	138	2.76	-
2462MHz	Pass	PK	4.93396G	47.38	74.00	-26.62	3	Vertical	70	1.59	-
2462MHz	Pass	AV	4.91026G	33.12	54.00	-20.88	3	Vertical	70	1.59	-
2462MHz	Pass	PK	7.38G	53.32	74.00	-20.68	3	Vertical	165	1.81	-
2462MHz	Pass	AV	7.3764G	39.16	54.00	-14.84	3	Vertical	165	1.81	-
2462MHz	Pass	PK	4.92442G	46.58	74.00	-27.42	3	Horizontal	200	1.55	-
2462MHz	Pass	AV	4.9102G	33.11	54.00	-20.89	3	Horizontal	200	1.55	-
2462MHz	Pass	PK	7.38342G	53.01	74.00	-20.99	3	Horizontal	70	2.09	-
2462MHz	Pass	AV	7.38654G	39.16	54.00	-14.84	3	Horizontal	70	2.09	-
2467MHz	Pass	PK	2.4698G	102.89	Inf	-Inf	3	Vertical	302	1.00	-
2467MHz	Pass	AV	2.4688G	100.11	Inf	-Inf	3	Vertical	302	1.00	-
2467MHz	Pass	PK	2.4842G	60.96	74.00	-13.04	3	Vertical	302	1.00	-
2467MHz	Pass	AV	2.4842G	50.99	54.00	-3.01	3	Vertical	302	1.00	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	PK	2.4698G	99.11	Inf	-Inf	3	Horizontal	222	3.00	-
2467MHz	Pass	AV	2.4688G	96.38	Inf	-Inf	3	Horizontal	222	3.00	-
2467MHz	Pass	PK	2.485G	59.43	74.00	-14.57	3	Horizontal	222	3.00	-
2467MHz	Pass	AV	2.4842G	48.02	54.00	-5.98	3	Horizontal	222	3.00	-
2467MHz	Pass	PK	4.94804G	47.42	74.00	-26.58	3	Vertical	68	2.92	-
2467MHz	Pass	AV	4.93154G	33.23	54.00	-20.77	3	Vertical	68	2.92	-
2467MHz	Pass	PK	7.4103G	52.93	74.00	-21.07	3	Vertical	103	2.27	-
2467MHz	Pass	AV	7.40592G	39.18	54.00	-14.82	3	Vertical	103	2.27	-
2467MHz	Pass	PK	4.9457G	46.98	74.00	-27.02	3	Horizontal	4	1.07	-
2467MHz	Pass	AV	4.91954G	33.21	54.00	-20.79	3	Horizontal	4	1.07	-
2467MHz	Pass	PK	7.41228G	52.94	74.00	-21.06	3	Horizontal	63	2.50	-
2467MHz	Pass	AV	7.38894G	39.17	54.00	-14.83	3	Horizontal	63	2.50	-
2472MHz	Pass	PK	2.4748G	100.56	Inf	-Inf	3	Vertical	300	1.00	-
2472MHz	Pass	AV	2.4738G	97.80	Inf	-Inf	3	Vertical	300	1.00	-
2472MHz	Pass	PK	2.487G	60.46	74.00	-13.54	3	Vertical	300	1.00	-
2472MHz	Pass	AV	2.4872G	50.63	54.00	-3.37	3	Vertical	300	1.00	-
2472MHz	Pass	PK	2.4748G	96.92	Inf	-Inf	3	Horizontal	220	2.92	-
2472MHz	Pass	AV	2.4738G	94.10	Inf	-Inf	3	Horizontal	220	2.92	-
2472MHz	Pass	PK	2.4872G	58.98	74.00	-15.02	3	Horizontal	220	2.92	-
2472MHz	Pass	AV	2.4872G	47.97	54.00	-6.03	3	Horizontal	220	2.92	-
2472MHz	Pass	PK	4.94034G	48.35	74.00	-25.65	3	Vertical	319	1.23	-
2472MHz	Pass	AV	4.9302G	33.20	54.00	-20.80	3	Vertical	319	1.23	-
2472MHz	Pass	PK	7.41564G	53.13	74.00	-20.87	3	Vertical	92	2.30	-
2472MHz	Pass	AV	7.40178G	39.35	54.00	-14.65	3	Vertical	92	2.30	-
2472MHz	Pass	PK	4.94478G	47.06	74.00	-26.94	3	Horizontal	66	2.70	-
2472MHz	Pass	AV	4.93194G	33.23	54.00	-20.77	3	Horizontal	66	2.70	-
2472MHz	Pass	PK	7.41468G	53.47	74.00	-20.53	3	Horizontal	122	2.15	-
2472MHz	Pass	AV	7.40388G	39.33	54.00	-14.67	3	Horizontal	122	2.15	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.39G	63.37	74.00	-10.63	3	Vertical	230	1.01	-
2412MHz	Pass	AV	2.39G	46.34	54.00	-7.66	3	Vertical	230	1.01	-
2412MHz	Pass	PK	2.4124G	108.96	Inf	-Inf	3	Vertical	230	1.01	-
2412MHz	Pass	AV	2.4126G	98.86	Inf	-Inf	3	Vertical	230	1.01	-
2412MHz	Pass	PK	2.3898G	60.65	74.00	-13.35	3	Horizontal	284	2.72	-
2412MHz	Pass	AV	2.39G	44.35	54.00	-9.65	3	Horizontal	284	2.72	-
2412MHz	Pass	PK	2.4126G	103.44	Inf	-Inf	3	Horizontal	284	2.72	-
2412MHz	Pass	AV	2.4126G	93.41	Inf	-Inf	3	Horizontal	284	2.72	-
2412MHz	Pass	PK	4.81398G	46.61	74.00	-27.39	3	Vertical	249	2.97	-
2412MHz	Pass	AV	4.83258G	32.57	54.00	-21.43	3	Vertical	249	2.97	-
2412MHz	Pass	PK	4.83114G	46.04	74.00	-27.96	3	Horizontal	59	2.96	-
2412MHz	Pass	AV	4.82124G	32.61	54.00	-21.39	3	Horizontal	59	2.96	-
2417MHz	Pass	PK	2.3896G	63.95	74.00	-10.05	3	Vertical	236	1.00	-
2417MHz	Pass	AV	2.39G	45.20	54.00	-8.80	3	Vertical	236	1.00	-
2417MHz	Pass	PK	2.4174G	109.45	Inf	-Inf	3	Vertical	236	1.00	-
2417MHz	Pass	AV	2.4176G	99.43	Inf	-Inf	3	Vertical	236	1.00	-
2417MHz	Pass	PK	2.39G	57.67	74.00	-16.33	3	Horizontal	285	2.47	-
2417MHz	Pass	AV	2.3888G	43.32	54.00	-10.68	3	Horizontal	285	2.47	-
2417MHz	Pass	PK	2.4174G	103.91	Inf	-Inf	3	Horizontal	285	2.47	-
2417MHz	Pass	AV	2.4164G	93.96	Inf	-Inf	3	Horizontal	285	2.47	-
2437MHz	Pass	PK	2.3878G	62.72	74.00	-11.28	3	Vertical	232	1.18	-
2437MHz	Pass	AV	2.3898G	45.41	54.00	-8.59	3	Vertical	232	1.18	-
2437MHz	Pass	PK	2.4354G	114.23	Inf	-Inf	3	Vertical	232	1.18	-
2437MHz	Pass	AV	2.4358G	104.11	Inf	-Inf	3	Vertical	232	1.18	-
2437MHz	Pass	PK	2.4854G	66.06	74.00	-7.94	3	Vertical	232	1.18	-
2437MHz	Pass	AV	2.4835G	47.36	54.00	-6.64	3	Vertical	232	1.18	-
2437MHz	Pass	PK	2.383G	57.19	74.00	-16.81	3	Horizontal	283	2.19	-
2437MHz	Pass	AV	2.3898G	43.42	54.00	-10.58	3	Horizontal	283	2.19	-
2437MHz	Pass	PK	2.4362G	107.63	Inf	-Inf	3	Horizontal	283	2.19	-
2437MHz	Pass	AV	2.4358G	97.85	Inf	-Inf	3	Horizontal	283	2.19	-
2437MHz	Pass	PK	2.4835G	59.25	74.00	-14.75	3	Horizontal	283	2.19	-
2437MHz	Pass	AV	2.4835G	44.06	54.00	-9.94	3	Horizontal	283	2.19	-
2437MHz	Pass	PK	4.87214G	49.65	74.00	-24.35	3	Vertical	282	1.80	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	4.87532G	35.24	54.00	-18.76	3	Vertical	282	1.80	-
2437MHz	Pass	PK	7.31688G	54.71	74.00	-19.29	3	Vertical	294	1.02	-
2437MHz	Pass	AV	7.30974G	40.36	54.00	-13.64	3	Vertical	294	1.02	-
2437MHz	Pass	PK	4.87604G	48.27	74.00	-25.73	3	Horizontal	356	1.52	-
2437MHz	Pass	AV	4.87532G	34.59	54.00	-19.41	3	Horizontal	356	1.52	-
2437MHz	Pass	PK	7.30644G	53.65	74.00	-20.35	3	Horizontal	226	1.71	-
2437MHz	Pass	AV	7.31076G	40.32	54.00	-13.68	3	Horizontal	226	1.71	-
2457MHz	Pass	PK	2.4556G	111.48	Inf	-Inf	3	Vertical	231	1.10	-
2457MHz	Pass	AV	2.4564G	101.35	Inf	-Inf	3	Vertical	231	1.10	-
2457MHz	Pass	PK	2.486G	67.10	74.00	-6.90	3	Vertical	231	1.10	-
2457MHz	Pass	AV	2.4835G	50.73	54.00	-3.27	3	Vertical	231	1.10	-
2457MHz	Pass	PK	2.4556G	107.47	Inf	-Inf	3	Horizontal	223	2.42	-
2457MHz	Pass	AV	2.4564G	97.33	Inf	-Inf	3	Horizontal	223	2.42	-
2457MHz	Pass	PK	2.487G	63.06	74.00	-10.94	3	Horizontal	223	2.42	-
2457MHz	Pass	AV	2.4835G	47.29	54.00	-6.71	3	Horizontal	223	2.42	-
2462MHz	Pass	PK	2.3888G	56.39	74.00	-17.61	3	Vertical	301	1.00	-
2462MHz	Pass	AV	2.3896G	43.05	54.00	-10.95	3	Vertical	301	1.00	-
2462MHz	Pass	PK	2.4624G	109.06	Inf	-Inf	3	Vertical	301	1.00	-
2462MHz	Pass	AV	2.4628G	99.04	Inf	-Inf	3	Vertical	301	1.00	-
2462MHz	Pass	PK	2.4835G	68.72	74.00	-5.28	3	Vertical	301	1.00	-
2462MHz	Pass	AV	2.4835G	50.57	54.00	-3.43	3	Vertical	301	1.00	-
2462MHz	Pass	PK	2.3708G	57.35	74.00	-16.65	3	Horizontal	221	3.00	-
2462MHz	Pass	AV	2.3624G	43.02	54.00	-10.98	3	Horizontal	221	3.00	-
2462MHz	Pass	PK	2.4624G	104.91	Inf	-Inf	3	Horizontal	221	3.00	-
2462MHz	Pass	AV	2.4628G	94.95	Inf	-Inf	3	Horizontal	221	3.00	-
2462MHz	Pass	PK	2.4835G	65.54	74.00	-8.46	3	Horizontal	221	3.00	-
2462MHz	Pass	AV	2.4835G	48.18	54.00	-5.82	3	Horizontal	221	3.00	-
2462MHz	Pass	PK	4.93228G	47.84	74.00	-26.16	3	Vertical	121	2.75	-
2462MHz	Pass	AV	4.91836G	33.15	54.00	-20.85	3	Vertical	121	2.75	-
2462MHz	Pass	PK	7.37994G	52.53	74.00	-21.47	3	Vertical	292	2.12	-
2462MHz	Pass	AV	7.37592G	39.19	54.00	-14.81	3	Vertical	292	2.12	-
2462MHz	Pass	PK	4.92052G	47.74	74.00	-26.26	3	Horizontal	273	2.77	-
2462MHz	Pass	AV	4.91122G	33.11	54.00	-20.89	3	Horizontal	273	2.77	-
2462MHz	Pass	PK	7.37382G	53.41	74.00	-20.59	3	Horizontal	162	2.13	-
2462MHz	Pass	AV	7.37652G	39.18	54.00	-14.82	3	Horizontal	162	2.13	-
2467MHz	Pass	PK	2.4676G	107.78	Inf	-Inf	3	Vertical	303	1.00	-
2467MHz	Pass	AV	2.4664G	97.71	Inf	-Inf	3	Vertical	303	1.00	-
2467MHz	Pass	PK	2.4835G	72.53	74.00	-1.47	3	Vertical	303	1.00	-
2467MHz	Pass	AV	2.4835G	52.40	54.00	-1.60	3	Vertical	303	1.00	-
2467MHz	Pass	PK	2.4674G	104.49	Inf	-Inf	3	Horizontal	220	3.00	-
2467MHz	Pass	AV	2.4664G	94.44	Inf	-Inf	3	Horizontal	220	3.00	-
2467MHz	Pass	PK	2.4835G	69.60	74.00	-4.40	3	Horizontal	220	3.00	-
2467MHz	Pass	AV	2.4835G	50.20	54.00	-3.80	3	Horizontal	220	3.00	-
2467MHz	Pass	PK	4.93592G	47.54	74.00	-26.46	3	Vertical	44	1.88	-
2467MHz	Pass	AV	4.91972G	33.26	54.00	-20.74	3	Vertical	44	1.88	-
2467MHz	Pass	PK	7.41192G	53.51	74.00	-20.49	3	Vertical	123	1.56	-
2467MHz	Pass	AV	7.39278G	39.16	54.00	-14.84	3	Vertical	123	1.56	-
2467MHz	Pass	PK	4.92548G	47.00	74.00	-27.00	3	Horizontal	335	2.22	-
2467MHz	Pass	AV	4.93154G	33.22	54.00	-20.78	3	Horizontal	335	2.22	-
2467MHz	Pass	PK	7.40646G	53.31	74.00	-20.69	3	Horizontal	111	1.57	-
2467MHz	Pass	AV	7.39824G	39.17	54.00	-14.83	3	Horizontal	111	1.57	-
2472MHz	Pass	PK	2.4726G	107.65	Inf	-Inf	3	Vertical	301	1.00	-
2472MHz	Pass	AV	2.4726G	97.58	Inf	-Inf	3	Vertical	301	1.00	-
2472MHz	Pass	PK	2.484G	73.63	74.00	-0.37	3	Vertical	301	1.00	-
2472MHz	Pass	AV	2.4835G	53.97	54.00	-0.03	3	Vertical	301	1.00	-
2472MHz	Pass	PK	2.4724G	104.00	Inf	-Inf	3	Horizontal	220	2.93	-
2472MHz	Pass	AV	2.4726G	93.91	Inf	-Inf	3	Horizontal	220	2.93	-
2472MHz	Pass	PK	2.4836G	71.61	74.00	-2.39	3	Horizontal	220	2.93	-
2472MHz	Pass	AV	2.4835G	51.72	54.00	-2.28	3	Horizontal	220	2.93	-
2472MHz	Pass	PK	4.93374G	47.38	74.00	-26.62	3	Vertical	86	2.28	-
2472MHz	Pass	AV	4.9305G	33.28	54.00	-20.72	3	Vertical	86	2.28	-
2472MHz	Pass	PK	7.40394G	54.20	74.00	-19.80	3	Vertical	262	1.86	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2472MHz	Pass	AV	7.40556G	39.39	54.00	-14.61	3	Vertical	262	1.86	-
2472MHz	Pass	PK	4.92912G	46.98	74.00	-27.02	3	Horizontal	268	1.89	-
2472MHz	Pass	AV	4.93086G	33.24	54.00	-20.76	3	Horizontal	268	1.89	-
2472MHz	Pass	PK	7.40538G	53.29	74.00	-20.71	3	Horizontal	161	1.62	-
2472MHz	Pass	AV	7.4016G	39.40	54.00	-14.60	3	Horizontal	161	1.62	-
802.11ax HEW20_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3898G	68.13	74.00	-5.87	3	Vertical	234	1.00	-
2412MHz	Pass	AV	2.39G	47.70	54.00	-6.30	3	Vertical	234	1.00	-
2412MHz	Pass	PK	2.4114G	111.94	Inf	-Inf	3	Vertical	234	1.00	-
2412MHz	Pass	AV	2.4128G	98.68	Inf	-Inf	3	Vertical	234	1.00	-
2412MHz	Pass	PK	2.39G	62.42	74.00	-11.58	3	Horizontal	286	2.59	-
2412MHz	Pass	AV	2.39G	44.44	54.00	-9.56	3	Horizontal	286	2.59	-
2412MHz	Pass	PK	2.4114G	105.91	Inf	-Inf	3	Horizontal	286	2.59	-
2412MHz	Pass	AV	2.4126G	92.57	Inf	-Inf	3	Horizontal	286	2.59	-
2412MHz	Pass	PK	4.83804G	47.35	74.00	-26.65	3	Vertical	291	2.41	-
2412MHz	Pass	AV	4.8204G	32.52	54.00	-21.48	3	Vertical	291	2.41	-
2412MHz	Pass	PK	4.81074G	46.32	74.00	-27.68	3	Horizontal	86	1.31	-
2412MHz	Pass	AV	4.83138G	32.57	54.00	-21.43	3	Horizontal	86	1.31	-
2417MHz	Pass	PK	2.3898G	67.06	74.00	-6.94	3	Vertical	233	1.00	-
2417MHz	Pass	AV	2.39G	48.64	54.00	-5.36	3	Vertical	233	1.00	-
2417MHz	Pass	PK	2.4164G	114.17	Inf	-Inf	3	Vertical	233	1.00	-
2417MHz	Pass	AV	2.4176G	100.66	Inf	-Inf	3	Vertical	233	1.00	-
2417MHz	Pass	PK	2.3886G	58.99	74.00	-15.01	3	Horizontal	286	2.48	-
2417MHz	Pass	AV	2.39G	44.53	54.00	-9.47	3	Horizontal	286	2.48	-
2417MHz	Pass	PK	2.4166G	107.79	Inf	-Inf	3	Horizontal	286	2.48	-
2417MHz	Pass	AV	2.4176G	94.39	Inf	-Inf	3	Horizontal	286	2.48	-
2437MHz	Pass	PK	2.3862G	59.30	74.00	-14.70	3	Vertical	231	1.22	-
2437MHz	Pass	AV	2.3898G	44.74	54.00	-9.26	3	Vertical	231	1.22	-
2437MHz	Pass	PK	2.4366G	116.19	Inf	-Inf	3	Vertical	231	1.22	-
2437MHz	Pass	AV	2.4378G	103.31	Inf	-Inf	3	Vertical	231	1.22	-
2437MHz	Pass	PK	2.4838G	65.02	74.00	-8.98	3	Vertical	231	1.22	-
2437MHz	Pass	AV	2.4835G	46.96	54.00	-7.04	3	Vertical	231	1.22	-
2437MHz	Pass	PK	2.3438G	56.75	74.00	-17.25	3	Horizontal	220	2.40	-
2437MHz	Pass	AV	2.3558G	43.19	54.00	-10.81	3	Horizontal	220	2.40	-
2437MHz	Pass	PK	2.4366G	110.57	Inf	-Inf	3	Horizontal	220	2.40	-
2437MHz	Pass	AV	2.4378G	97.95	Inf	-Inf	3	Horizontal	220	2.40	-
2437MHz	Pass	PK	2.4842G	62.12	74.00	-11.88	3	Horizontal	220	2.40	-
2437MHz	Pass	AV	2.4835G	44.92	54.00	-9.08	3	Horizontal	220	2.40	-
2437MHz	Pass	PK	4.86566G	48.27	74.00	-25.73	3	Vertical	137	1.38	-
2437MHz	Pass	AV	4.87214G	33.14	54.00	-20.86	3	Vertical	137	1.38	-
2437MHz	Pass	PK	7.29792G	52.76	74.00	-21.24	3	Vertical	300	1.91	-
2437MHz	Pass	AV	7.29612G	38.95	54.00	-15.05	3	Vertical	300	1.91	-
2437MHz	Pass	PK	4.87406G	46.76	74.00	-27.24	3	Horizontal	200	2.68	-
2437MHz	Pass	AV	4.86974G	33.14	54.00	-20.86	3	Horizontal	200	2.68	-
2437MHz	Pass	PK	7.32258G	52.71	74.00	-21.29	3	Horizontal	205	1.65	-
2437MHz	Pass	AV	7.3008G	38.96	54.00	-15.04	3	Horizontal	205	1.65	-
2457MHz	Pass	PK	2.4564G	113.92	Inf	-Inf	3	Vertical	230	1.12	-
2457MHz	Pass	AV	2.4578G	100.49	Inf	-Inf	3	Vertical	230	1.12	-
2457MHz	Pass	PK	2.4842G	68.89	74.00	-5.11	3	Vertical	230	1.12	-
2457MHz	Pass	AV	2.4835G	50.71	54.00	-3.29	3	Vertical	230	1.12	-
2457MHz	Pass	PK	2.4566G	109.72	Inf	-Inf	3	Horizontal	222	2.41	-
2457MHz	Pass	AV	2.4576G	96.32	Inf	-Inf	3	Horizontal	222	2.41	-
2457MHz	Pass	PK	2.4842G	63.72	74.00	-10.28	3	Horizontal	222	2.41	-
2457MHz	Pass	AV	2.4835G	47.37	54.00	-6.63	3	Horizontal	222	2.41	-
2462MHz	Pass	PK	2.4616G	111.34	Inf	-Inf	3	Vertical	227	1.14	-
2462MHz	Pass	AV	2.4628G	98.27	Inf	-Inf	3	Vertical	227	1.14	-
2462MHz	Pass	PK	2.4836G	72.09	74.00	-1.91	3	Vertical	227	1.14	-
2462MHz	Pass	AV	2.4836G	48.70	54.00	-5.30	3	Vertical	227	1.14	-
2462MHz	Pass	PK	2.4614G	106.41	Inf	-Inf	3	Horizontal	223	3.00	-
2462MHz	Pass	AV	2.4628G	93.33	Inf	-Inf	3	Horizontal	223	3.00	-
2462MHz	Pass	PK	2.4835G	69.56	74.00	-4.44	3	Horizontal	223	3.00	-
2462MHz	Pass	AV	2.4835G	46.84	54.00	-7.16	3	Horizontal	223	3.00	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	4.92316G	47.48	74.00	-26.52	3	Vertical	101	2.87	-
2462MHz	Pass	AV	4.9144G	33.08	54.00	-20.92	3	Vertical	101	2.87	-
2462MHz	Pass	PK	7.37112G	52.75	74.00	-21.25	3	Vertical	329	2.50	-
2462MHz	Pass	AV	7.39176G	39.11	54.00	-14.89	3	Vertical	329	2.50	-
2462MHz	Pass	PK	4.91854G	47.17	74.00	-26.83	3	Horizontal	357	2.11	-
2462MHz	Pass	AV	4.91296G	33.10	54.00	-20.90	3	Horizontal	357	2.11	-
2462MHz	Pass	PK	7.3887G	53.52	74.00	-20.48	3	Horizontal	306	1.52	-
2462MHz	Pass	AV	7.37616G	39.15	54.00	-14.85	3	Horizontal	306	1.52	-
2467MHz	Pass	PK	2.4666G	111.10	Inf	-Inf	3	Vertical	300	1.00	-
2467MHz	Pass	AV	2.4678G	97.77	Inf	-Inf	3	Vertical	300	1.00	-
2467MHz	Pass	PK	2.485G	73.01	74.00	-0.99	3	Vertical	300	1.00	-
2467MHz	Pass	AV	2.4835G	51.78	54.00	-2.22	3	Vertical	300	1.00	-
2467MHz	Pass	PK	2.4666G	106.70	Inf	-Inf	3	Horizontal	222	3.00	-
2467MHz	Pass	AV	2.4676G	93.38	Inf	-Inf	3	Horizontal	222	3.00	-
2467MHz	Pass	PK	2.4854G	69.41	74.00	-4.59	3	Horizontal	222	3.00	-
2467MHz	Pass	AV	2.4835G	48.83	54.00	-5.17	3	Horizontal	222	3.00	-
2467MHz	Pass	PK	4.92074G	46.98	74.00	-27.02	3	Vertical	253	1.77	-
2467MHz	Pass	AV	4.92908G	33.15	54.00	-20.85	3	Vertical	253	1.77	-
2467MHz	Pass	PK	7.41078G	52.84	74.00	-21.16	3	Vertical	202	1.82	-
2467MHz	Pass	AV	7.4091G	39.14	54.00	-14.86	3	Vertical	202	1.82	-
2467MHz	Pass	PK	4.92578G	46.78	74.00	-27.22	3	Horizontal	232	1.41	-
2467MHz	Pass	AV	4.9205G	33.24	54.00	-20.76	3	Horizontal	232	1.41	-
2467MHz	Pass	PK	7.39266G	53.08	74.00	-20.92	3	Horizontal	247	1.06	-
2467MHz	Pass	AV	7.40916G	39.17	54.00	-14.83	3	Horizontal	247	1.06	-
2472MHz	Pass	PK	2.4716G	106.19	Inf	-Inf	3	Vertical	302	1.00	-
2472MHz	Pass	AV	2.4728G	92.95	Inf	-Inf	3	Vertical	302	1.00	-
2472MHz	Pass	PK	2.4835G	68.08	74.00	-5.92	3	Vertical	302	1.00	-
2472MHz	Pass	AV	2.4835G	48.82	54.00	-5.18	3	Vertical	302	1.00	-
2472MHz	Pass	PK	2.4716G	102.05	Inf	-Inf	3	Horizontal	220	2.92	-
2472MHz	Pass	AV	2.4726G	88.89	Inf	-Inf	3	Horizontal	220	2.92	-
2472MHz	Pass	PK	2.4835G	65.59	74.00	-8.41	3	Horizontal	220	2.92	-
2472MHz	Pass	AV	2.4835G	46.53	54.00	-7.47	3	Horizontal	220	2.92	-
2472MHz	Pass	PK	4.93872G	46.51	74.00	-27.49	3	Vertical	39	2.25	-
2472MHz	Pass	AV	4.92996G	33.16	54.00	-20.84	3	Vertical	39	2.25	-
2472MHz	Pass	PK	7.40652G	53.70	74.00	-20.30	3	Vertical	83	2.33	-
2472MHz	Pass	AV	7.41192G	39.37	54.00	-14.63	3	Vertical	83	2.33	-
2472MHz	Pass	PK	4.95186G	47.47	74.00	-26.53	3	Horizontal	61	1.52	-
2472MHz	Pass	AV	4.93314G	33.27	54.00	-20.73	3	Horizontal	61	1.52	-
2472MHz	Pass	PK	7.41144G	53.58	74.00	-20.42	3	Horizontal	224	1.31	-
2472MHz	Pass	AV	7.41222G	39.35	54.00	-14.65	3	Horizontal	224	1.31	-
802.11ax HEW40_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	PK	2.3896G	72.52	74.00	-1.48	3	Vertical	229	1.00	-
2422MHz	Pass	AV	2.39G	47.88	54.00	-6.12	3	Vertical	229	1.00	-
2422MHz	Pass	PK	2.4248G	107.99	Inf	-Inf	3	Vertical	229	1.00	-
2422MHz	Pass	AV	2.4236G	94.92	Inf	-Inf	3	Vertical	229	1.00	-
2422MHz	Pass	PK	2.4892G	61.34	74.00	-12.66	3	Vertical	229	1.00	-
2422MHz	Pass	AV	2.484G	45.38	54.00	-8.62	3	Vertical	229	1.00	-
2422MHz	Pass	PK	2.3896G	64.65	74.00	-9.35	3	Horizontal	284	2.15	-
2422MHz	Pass	AV	2.3896G	44.05	54.00	-9.95	3	Horizontal	284	2.15	-
2422MHz	Pass	PK	2.4248G	102.05	Inf	-Inf	3	Horizontal	284	2.15	-
2422MHz	Pass	AV	2.4236G	89.03	Inf	-Inf	3	Horizontal	284	2.15	-
2422MHz	Pass	PK	2.4856G	57.49	74.00	-16.51	3	Horizontal	284	2.15	-
2422MHz	Pass	AV	2.5G	43.83	54.00	-10.17	3	Horizontal	284	2.15	-
2422MHz	Pass	PK	4.85102G	47.16	74.00	-26.84	3	Vertical	111	2.30	-
2422MHz	Pass	AV	4.84868G	32.75	54.00	-21.25	3	Vertical	111	2.30	-
2422MHz	Pass	PK	7.26432G	53.08	74.00	-20.92	3	Vertical	139	1.87	-
2422MHz	Pass	AV	7.28082G	38.92	54.00	-15.08	3	Vertical	139	1.87	-
2422MHz	Pass	PK	4.85168G	46.43	74.00	-27.57	3	Horizontal	103	1.22	-
2422MHz	Pass	AV	4.8482G	32.71	54.00	-21.29	3	Horizontal	103	1.22	-
2422MHz	Pass	PK	7.2747G	52.57	74.00	-21.43	3	Horizontal	301	2.14	-
2422MHz	Pass	AV	7.27194G	38.98	54.00	-15.02	3	Horizontal	301	2.14	-
2437MHz	Pass	PK	2.3848G	69.99	74.00	-4.01	3	Vertical	230	1.22	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.39G	47.83	54.00	-6.17	3	Vertical	230	1.22	-
2437MHz	Pass	PK	2.44G	109.43	Inf	-Inf	3	Vertical	230	1.22	-
2437MHz	Pass	AV	2.4346G	96.69	Inf	-Inf	3	Vertical	230	1.22	-
2437MHz	Pass	PK	2.4892G	72.70	74.00	-1.30	3	Vertical	230	1.22	-
2437MHz	Pass	AV	2.4835G	50.30	54.00	-3.70	3	Vertical	230	1.22	-
2437MHz	Pass	PK	2.3848G	62.35	74.00	-11.65	3	Horizontal	284	2.19	-
2437MHz	Pass	AV	2.39G	44.06	54.00	-9.94	3	Horizontal	284	2.19	-
2437MHz	Pass	PK	2.4352G	102.42	Inf	-Inf	3	Horizontal	284	2.19	-
2437MHz	Pass	AV	2.4346G	89.89	Inf	-Inf	3	Horizontal	284	2.19	-
2437MHz	Pass	PK	2.4892G	61.60	74.00	-12.40	3	Horizontal	284	2.19	-
2437MHz	Pass	AV	2.4835G	44.75	54.00	-9.25	3	Horizontal	284	2.19	-
2437MHz	Pass	PK	4.88282G	47.63	74.00	-26.37	3	Vertical	291	1.80	-
2437MHz	Pass	AV	4.871G	33.08	54.00	-20.92	3	Vertical	291	1.80	-
2437MHz	Pass	PK	7.29846G	52.94	74.00	-21.06	3	Vertical	348	1.80	-
2437MHz	Pass	AV	7.29678G	38.98	54.00	-15.02	3	Vertical	348	1.80	-
2437MHz	Pass	PK	4.88486G	46.90	74.00	-27.10	3	Horizontal	84	2.24	-
2437MHz	Pass	AV	4.86962G	33.00	54.00	-21.00	3	Horizontal	84	2.24	-
2437MHz	Pass	PK	7.31604G	53.13	74.00	-20.87	3	Horizontal	354	1.20	-
2437MHz	Pass	AV	7.29972G	38.90	54.00	-15.10	3	Horizontal	354	1.20	-
2452MHz	Pass	PK	2.3896G	57.38	74.00	-16.62	3	Vertical	228	1.11	-
2452MHz	Pass	AV	2.3892G	44.13	54.00	-9.87	3	Vertical	228	1.11	-
2452MHz	Pass	PK	2.4548G	108.27	Inf	-Inf	3	Vertical	228	1.11	-
2452MHz	Pass	AV	2.4536G	95.29	Inf	-Inf	3	Vertical	228	1.11	-
2452MHz	Pass	PK	2.484G	73.94	74.00	-0.06	3	Vertical	228	1.11	-
2452MHz	Pass	AV	2.486G	50.70	54.00	-3.30	3	Vertical	228	1.11	-
2452MHz	Pass	PK	2.3712G	56.96	74.00	-17.04	3	Horizontal	222	2.40	-
2452MHz	Pass	AV	2.36G	43.13	54.00	-10.87	3	Horizontal	222	2.40	-
2452MHz	Pass	PK	2.4548G	103.77	Inf	-Inf	3	Horizontal	222	2.40	-
2452MHz	Pass	AV	2.4536G	90.71	Inf	-Inf	3	Horizontal	222	2.40	-
2452MHz	Pass	PK	2.4844G	68.85	74.00	-5.15	3	Horizontal	222	2.40	-
2452MHz	Pass	AV	2.486G	47.35	54.00	-6.65	3	Horizontal	222	2.40	-
2452MHz	Pass	PK	4.8893G	46.49	74.00	-27.51	3	Vertical	323	2.37	-
2452MHz	Pass	AV	4.88954G	32.98	54.00	-21.02	3	Vertical	323	2.37	-
2452MHz	Pass	PK	7.3701G	53.11	74.00	-20.89	3	Vertical	345	2.84	-
2452MHz	Pass	AV	7.34424G	39.11	54.00	-14.89	3	Vertical	345	2.84	-
2452MHz	Pass	PK	4.8998G	46.21	74.00	-27.79	3	Horizontal	340	2.75	-
2452MHz	Pass	AV	4.8926G	32.94	54.00	-21.06	3	Horizontal	340	2.75	-
2452MHz	Pass	PK	7.36158G	53.37	74.00	-20.63	3	Horizontal	319	1.30	-
2452MHz	Pass	AV	7.34112G	39.09	54.00	-14.91	3	Horizontal	319	1.30	-
2457MHz	Pass	PK	2.373G	57.19	74.00	-16.81	3	Vertical	228	1.10	-
2457MHz	Pass	AV	2.389G	43.58	54.00	-10.42	3	Vertical	228	1.10	-
2457MHz	Pass	PK	2.4598G	106.66	Inf	-Inf	3	Vertical	228	1.10	-
2457MHz	Pass	AV	2.4546G	94.11	Inf	-Inf	3	Vertical	228	1.10	-
2457MHz	Pass	PK	2.4946G	70.08	74.00	-3.92	3	Vertical	228	1.10	-
2457MHz	Pass	AV	2.4842G	48.41	54.00	-5.59	3	Vertical	228	1.10	-
2457MHz	Pass	PK	2.3622G	56.99	74.00	-17.01	3	Horizontal	220	2.41	-
2457MHz	Pass	AV	2.3582G	43.12	54.00	-10.88	3	Horizontal	220	2.41	-
2457MHz	Pass	PK	2.4554G	102.38	Inf	-Inf	3	Horizontal	220	2.41	-
2457MHz	Pass	AV	2.4546G	89.79	Inf	-Inf	3	Horizontal	220	2.41	-
2457MHz	Pass	PK	2.4938G	66.39	74.00	-7.61	3	Horizontal	220	2.41	-
2457MHz	Pass	AV	2.4842G	45.82	54.00	-8.18	3	Horizontal	220	2.41	-
2457MHz	Pass	PK	4.90218G	46.85	74.00	-27.15	3	Vertical	244	2.15	-
2457MHz	Pass	AV	4.9011G	33.06	54.00	-20.94	3	Vertical	244	2.15	-
2457MHz	Pass	PK	7.37166G	53.10	74.00	-20.90	3	Vertical	23	1.02	-
2457MHz	Pass	AV	7.35786G	39.16	54.00	-14.84	3	Vertical	23	1.02	-
2457MHz	Pass	PK	4.91346G	46.97	74.00	-27.03	3	Horizontal	83	2.66	-
2457MHz	Pass	AV	4.89918G	33.06	54.00	-20.94	3	Horizontal	83	2.66	-
2457MHz	Pass	PK	7.38222G	53.55	74.00	-20.45	3	Horizontal	36	2.35	-
2457MHz	Pass	AV	7.35672G	39.16	54.00	-14.84	3	Horizontal	36	2.35	-
2462MHz	Pass	PK	2.3648G	56.97	74.00	-17.03	3	Vertical	302	1.00	-
2462MHz	Pass	AV	2.3868G	43.21	54.00	-10.79	3	Vertical	302	1.00	-
2462MHz	Pass	PK	2.4644G	106.19	Inf	-Inf	3	Vertical	302	1.00	-



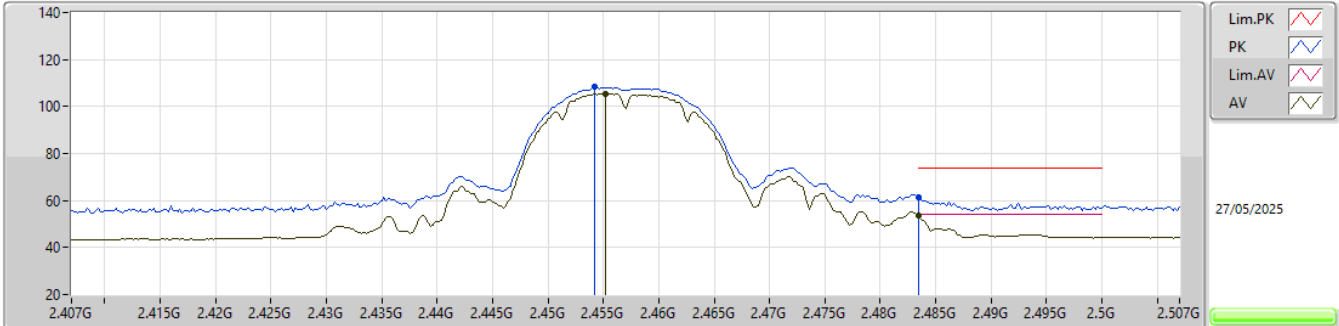
RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (1TX)

Appendix A.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4636G	93.16	Inf	-Inf	3	Vertical	302	1.00	-
2462MHz	Pass	PK	2.484G	71.25	74.00	-2.75	3	Vertical	302	1.00	-
2462MHz	Pass	AV	2.4835G	49.32	54.00	-4.68	3	Vertical	302	1.00	-
2462MHz	Pass	PK	2.382G	56.67	74.00	-17.33	3	Horizontal	222	3.00	-
2462MHz	Pass	AV	2.3628G	43.07	54.00	-10.93	3	Horizontal	222	3.00	-
2462MHz	Pass	PK	2.4648G	101.97	Inf	-Inf	3	Horizontal	222	3.00	-
2462MHz	Pass	AV	2.4644G	88.75	Inf	-Inf	3	Horizontal	222	3.00	-
2462MHz	Pass	PK	2.484G	67.21	74.00	-6.79	3	Horizontal	222	3.00	-
2462MHz	Pass	AV	2.4835G	46.84	54.00	-7.16	3	Horizontal	222	3.00	-
2462MHz	Pass	PK	4.91032G	48.06	74.00	-25.94	3	Vertical	246	2.86	-
2462MHz	Pass	AV	4.91086G	33.11	54.00	-20.89	3	Vertical	246	2.86	-
2462MHz	Pass	PK	7.38438G	52.88	74.00	-21.12	3	Vertical	261	2.86	-
2462MHz	Pass	AV	7.37256G	39.16	54.00	-14.84	3	Vertical	261	2.86	-
2462MHz	Pass	PK	4.91962G	46.73	74.00	-27.27	3	Horizontal	214	2.17	-
2462MHz	Pass	AV	4.9315G	33.03	54.00	-20.97	3	Horizontal	214	2.17	-
2462MHz	Pass	PK	7.3722G	52.65	74.00	-21.35	3	Horizontal	222	1.74	-
2462MHz	Pass	AV	7.37328G	39.17	54.00	-14.83	3	Horizontal	222	1.74	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

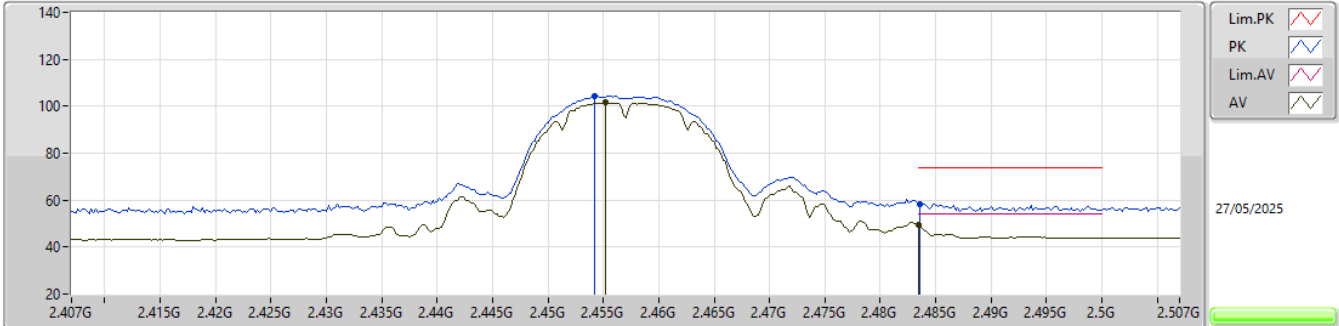


EUT_Z_1TX
 Setting 21
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4542G	108.24	Inf	-Inf	76.96	3	Vertical	231	1.09	-	27.50	3.78	-			
AV	2.4552G	105.49	Inf	-Inf	74.21	3	Vertical	231	1.09	-	27.50	3.78	-			
PK	2.4835G	61.55	74.00	-12.45	29.90	3	Vertical	231	1.09	-	27.84	3.81	-			
AV	2.4835G	53.70	54.00	-0.30	22.05	3	Vertical	231	1.09	-	27.84	3.81	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

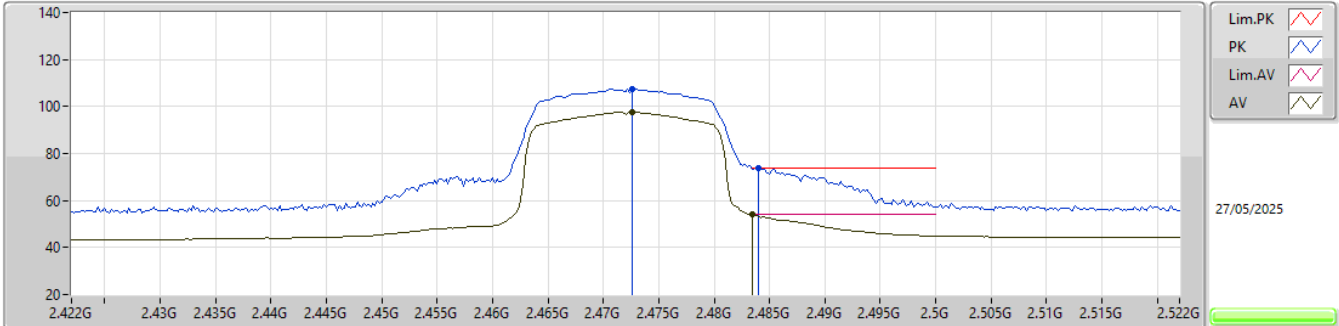


EUT_Z_1TX
 Setting 21
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4542G	104.32	Inf	-Inf	73.04	3	Horizontal	222	2.41	-	27.50	3.78	-				
AV	2.4552G	101.61	Inf	-Inf	70.33	3	Horizontal	222	2.41	-	27.50	3.78	-				
PK	2.4836G	58.43	74.00	-15.57	26.78	3	Horizontal	222	2.41	-	27.84	3.81	-				
AV	2.4835G	49.34	54.00	-4.66	17.69	3	Horizontal	222	2.41	-	27.84	3.81	-				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2472MHz_TX

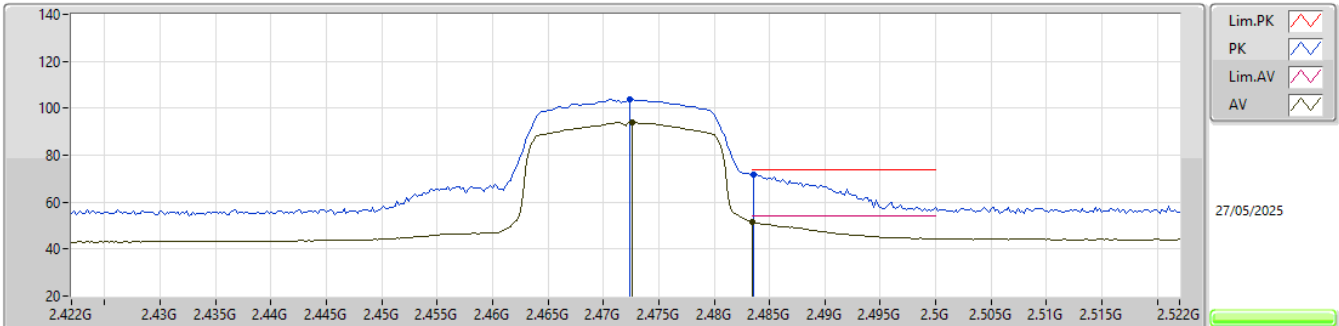


EUT_Z_1TX
 Setting 16.25
 01-U-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4726G	107.65	Inf	-Inf	76.12	3	Vertical	301	1.00	-	27.73	3.80	-			
AV	2.4726G	97.58	Inf	-Inf	66.05	3	Vertical	301	1.00	-	27.73	3.80	-			
PK	2.484G	73.63	74.00	-0.37	41.98	3	Vertical	301	1.00	-	27.84	3.81	-			
AV	2.4835G	53.97	54.00	-0.03	22.32	3	Vertical	301	1.00	-	27.84	3.81	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2472MHz_TX

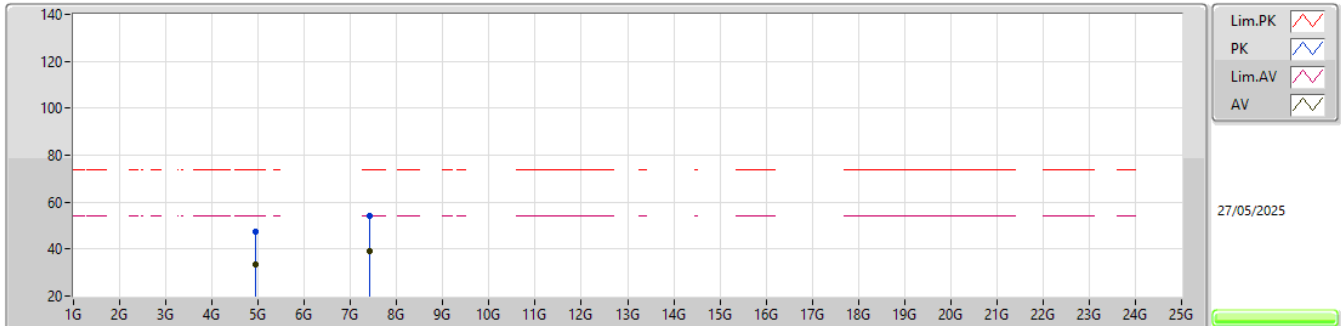


EUT_Z_1TX
 Setting 16.25
 01-U-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4724G	104.00	Inf	-Inf	72.48	3	Horizontal	220	2.93	-	27.72	3.80	-			
AV	2.4726G	93.91	Inf	-Inf	62.38	3	Horizontal	220	2.93	-	27.73	3.80	-			
PK	2.4836G	71.61	74.00	-2.39	39.96	3	Horizontal	220	2.93	-	27.84	3.81	-			
AV	2.4835G	51.72	54.00	-2.28	20.07	3	Horizontal	220	2.93	-	27.84	3.81	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2472MHz_TX

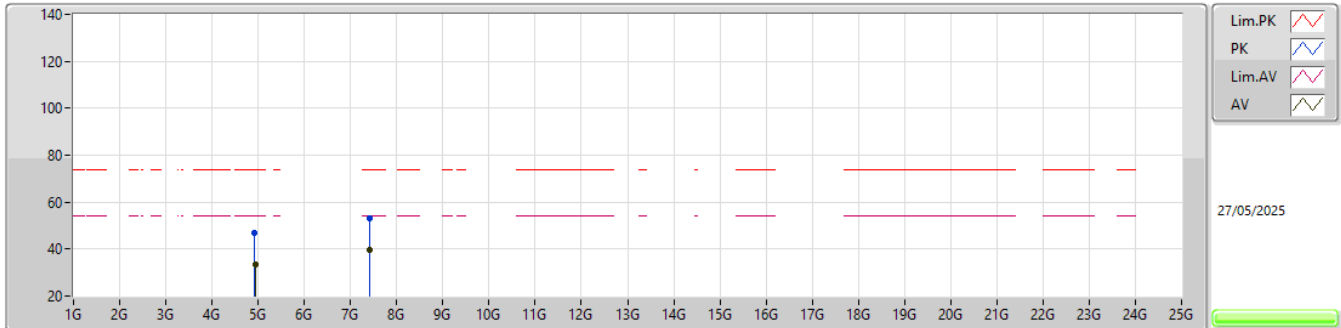


EUT_Z_1TX
 Setting 16.25
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.93374G	47.38	74.00	-26.62	40.41	3	Vertical	86	2.28	-	32.97	6.58	32.58				
AV	4.9305G	33.28	54.00	-20.72	26.32	3	Vertical	86	2.28	-	32.96	6.58	32.58				
PK	7.40394G	54.20	74.00	-19.80	41.20	3	Vertical	262	1.86	-	37.59	8.01	32.60				
AV	7.40556G	39.39	54.00	-14.61	26.39	3	Vertical	262	1.86	-	37.59	8.01	32.60				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2472MHz_TX

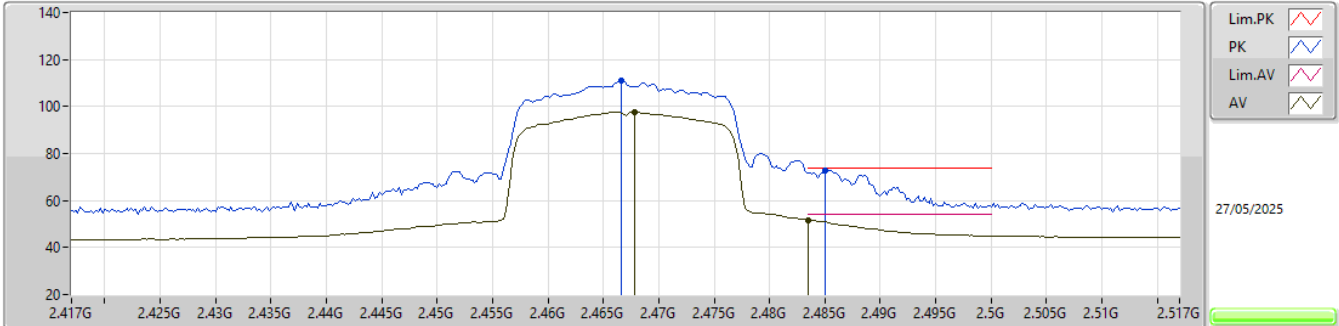


EUT_Z_1TX
 Setting 16.25
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92912G	46.98	74.00	-27.02	40.03	3	Horizontal	268	1.89	-	32.96	6.57	32.58				
AV	4.93086G	33.24	54.00	-20.76	26.28	3	Horizontal	268	1.89	-	32.96	6.58	32.58				
PK	7.40538G	53.29	74.00	-20.71	40.29	3	Horizontal	161	1.62	-	37.59	8.01	32.60				
AV	7.4016G	39.40	54.00	-14.60	26.40	3	Horizontal	161	1.62	-	37.60	8.00	32.60				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2467MHz_TX

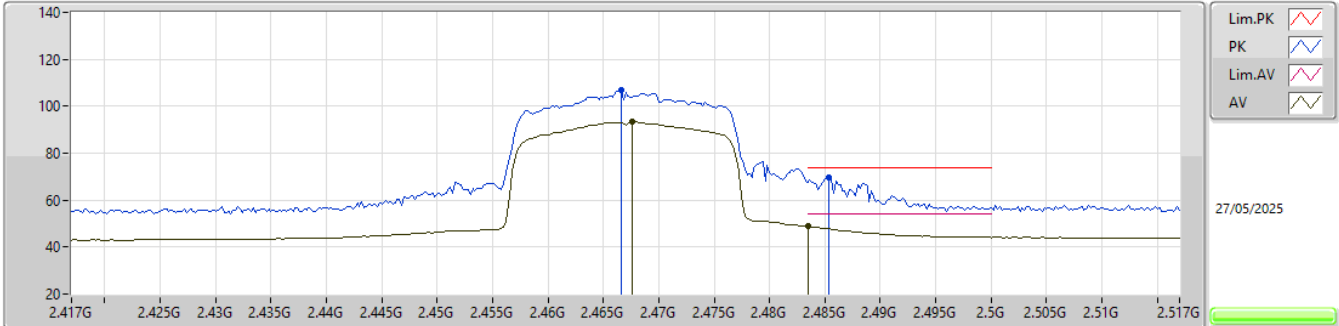


EUT_Z_1TX
 Setting 16.5
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4666G	111.10	Inf	-Inf	79.68	3	Vertical	300	1.00	-	27.63	3.79	-			
AV	2.4678G	97.77	Inf	-Inf	66.32	3	Vertical	300	1.00	-	27.66	3.79	-			
PK	2.485G	73.01	74.00	-0.99	41.35	3	Vertical	300	1.00	-	27.85	3.81	-			
AV	2.4835G	51.78	54.00	-2.22	20.13	3	Vertical	300	1.00	-	27.84	3.81	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2467MHz_TX

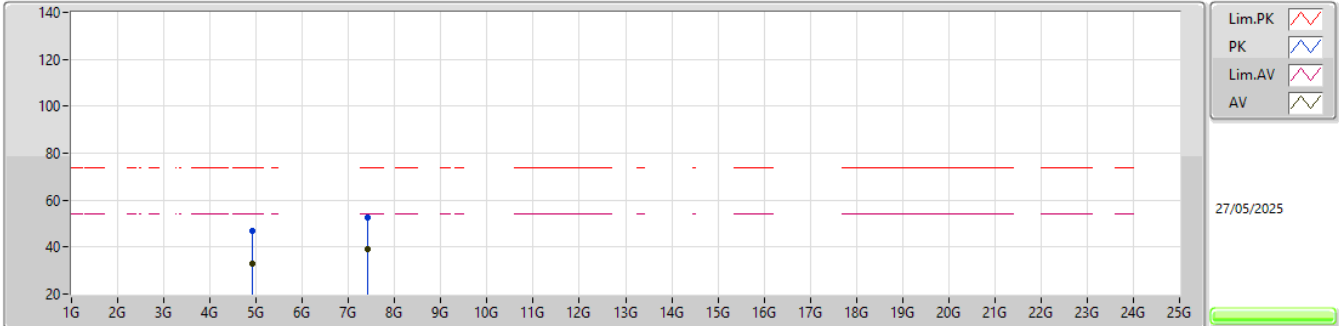


EUT_Z_1TX
 Setting 16.5
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	2.4666G	106.70	Inf	-Inf	75.28	3	Horizontal	222	3.00	-	27.63	3.79	-			
AV	2.4676G	93.38	Inf	-Inf	61.94	3	Horizontal	222	3.00	-	27.65	3.79	-			
PK	2.4854G	69.41	74.00	-4.59	37.75	3	Horizontal	222	3.00	-	27.85	3.81	-			
AV	2.4835G	48.83	54.00	-5.17	17.18	3	Horizontal	222	3.00	-	27.84	3.81	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2467MHz_TX

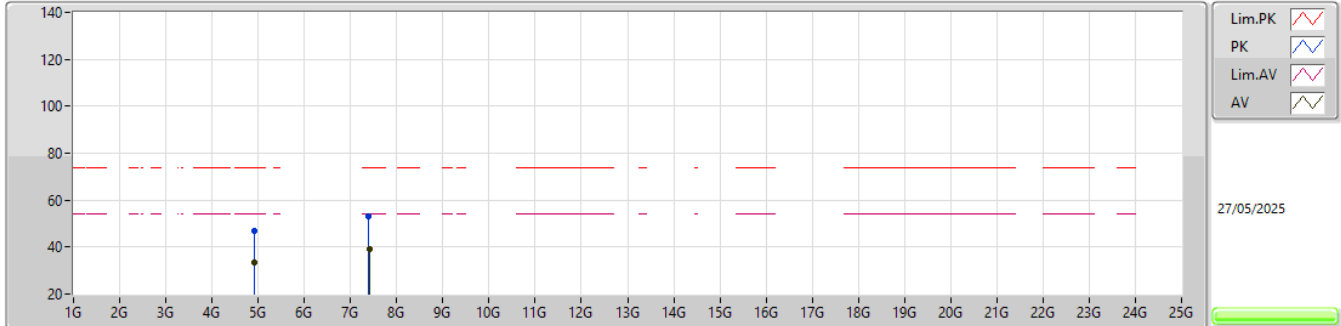


EUT_Z_1TX
 Setting 16.5
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92074G	46.98	74.00	-27.02	40.06	3	Vertical	253	1.77	-	32.94	6.56	32.58				
AV	4.92908G	33.15	54.00	-20.85	26.20	3	Vertical	253	1.77	-	32.96	6.57	32.58				
PK	7.41078G	52.84	74.00	-21.16	39.83	3	Vertical	202	1.82	-	37.58	8.02	32.59				
AV	7.4091G	39.14	54.00	-14.86	26.14	3	Vertical	202	1.82	-	37.58	8.01	32.59				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2467MHz_TX

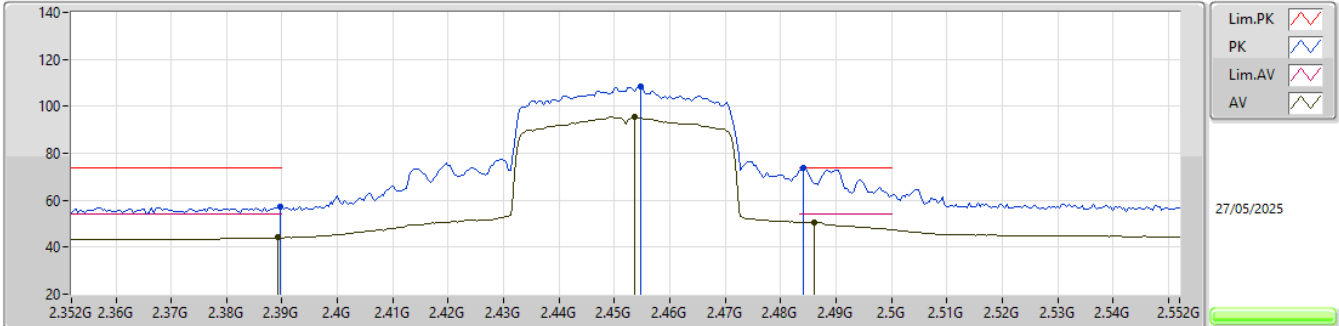


EUT_Z_1TX
 Setting 16.5
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92578G	46.78	74.00	-27.22	39.84	3	Horizontal	232	1.41	-	32.95	6.57	32.58				
AV	4.9205G	33.24	54.00	-20.76	26.32	3	Horizontal	232	1.41	-	32.94	6.56	32.58				
PK	7.39266G	53.08	74.00	-20.92	40.08	3	Horizontal	247	1.06	-	37.60	8.00	32.60				
AV	7.40916G	39.17	54.00	-14.83	26.17	3	Horizontal	247	1.06	-	37.58	8.01	32.59				

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX

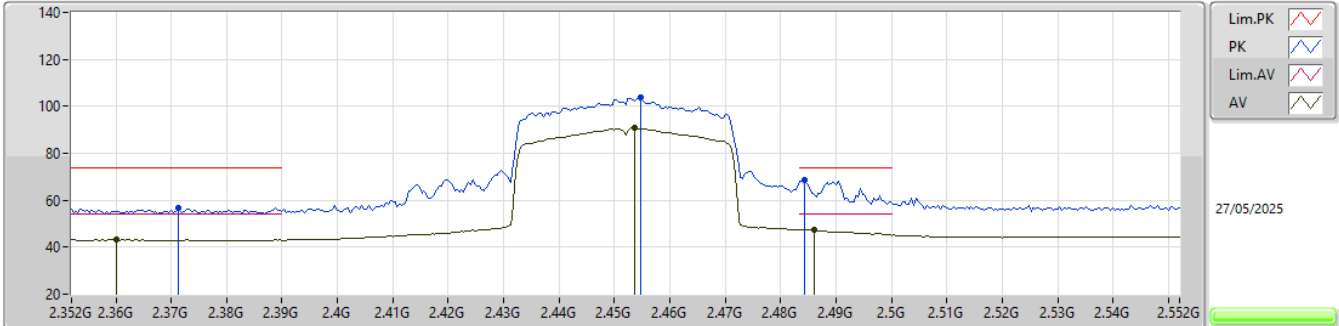


EUT_Z_1TX
 Setting 17
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	57.38	74.00	-16.62	26.26	3	Vertical	228	1.11	-	27.40	3.72	-			
AV	2.3892G	44.13	54.00	-9.87	13.02	3	Vertical	228	1.11	-	27.39	3.72	-			
PK	2.4548G	108.27	Inf	-Inf	76.99	3	Vertical	228	1.11	-	27.50	3.78	-			
AV	2.4536G	95.29	Inf	-Inf	64.01	3	Vertical	228	1.11	-	27.50	3.78	-			
PK	2.484G	73.94	74.00	-0.06	42.29	3	Vertical	228	1.11	-	27.84	3.81	-			
AV	2.486G	50.70	54.00	-3.30	19.03	3	Vertical	228	1.11	-	27.86	3.81	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX

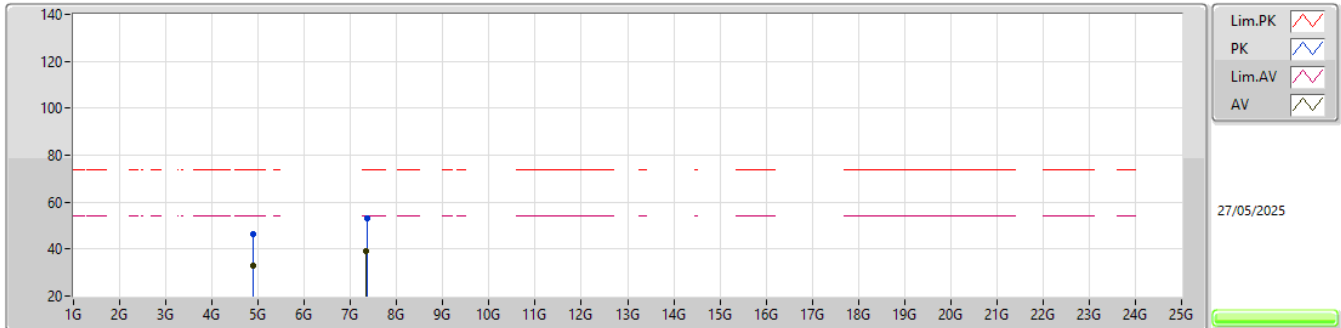


EUT_Z_1TX
 Setting 17
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3712G	56.96	74.00	-17.04	25.85	3	Horizontal	222	2.40	-	27.39	3.72	-			
AV	2.36G	43.13	54.00	-10.87	11.92	3	Horizontal	222	2.40	-	27.50	3.71	-			
PK	2.4548G	103.77	Inf	-Inf	72.49	3	Horizontal	222	2.40	-	27.50	3.78	-			
AV	2.4536G	90.71	Inf	-Inf	59.43	3	Horizontal	222	2.40	-	27.50	3.78	-			
PK	2.4844G	68.85	74.00	-5.15	37.20	3	Horizontal	222	2.40	-	27.84	3.81	-			
AV	2.486G	47.35	54.00	-6.65	15.68	3	Horizontal	222	2.40	-	27.86	3.81	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX

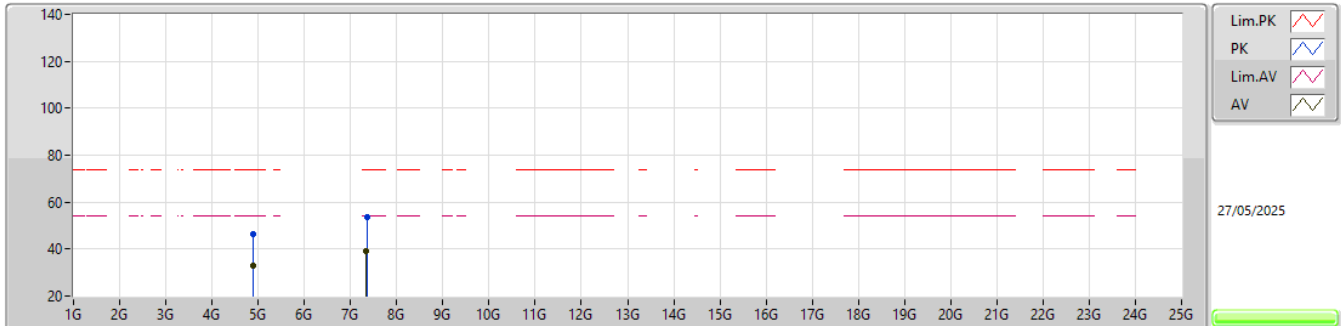


EUT_Z_1TX
 Setting 17
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.8893G	46.49	74.00	-27.51	39.69	3	Vertical	323	2.37	-	32.86	6.52	32.58				
AV	4.88954G	32.98	54.00	-21.02	26.18	3	Vertical	323	2.37	-	32.86	6.52	32.58				
PK	7.3701G	53.11	74.00	-20.89	40.13	3	Vertical	345	2.84	-	37.60	7.99	32.61				
AV	7.34424G	39.11	54.00	-14.89	26.16	3	Vertical	345	2.84	-	37.59	7.98	32.62				

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX



EUT_Z_1TX
 Setting 17
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.8998G	46.21	74.00	-27.79	39.36	3	Horizontal	340	2.75	-	32.90	6.53	32.58				
AV	4.8926G	32.94	54.00	-21.06	26.12	3	Horizontal	340	2.75	-	32.87	6.53	32.58				
PK	7.36158G	53.37	74.00	-20.63	40.39	3	Horizontal	319	1.30	-	37.60	7.99	32.61				
AV	7.34112G	39.09	54.00	-14.91	26.15	3	Horizontal	319	1.30	-	37.58	7.98	32.62				



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1(1Mbps)_2TX	Pass	AV	2.3862G	53.69	54.00	-0.31	3	Vertical	339	2.99	-
802.11g_Nss1(6Mbps)_2TX	Pass	PK	2.4846G	73.91	74.00	-0.09	3	Vertical	37	1.00	-
802.11ax HEW20_Nss1(MCS0)_2TX	Pass	PK	2.4858G	73.77	74.00	-0.23	3	Vertical	34	1.00	-
802.11ax HEW40_Nss1(MCS0)_2TX	Pass	PK	2.3892G	72.83	74.00	-1.17	3	Vertical	344	1.00	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3894G	61.04	74.00	-12.96	3	Vertical	339	2.99	-
2412MHz	Pass	AV	2.3862G	53.69	54.00	-0.31	3	Vertical	339	2.99	-
2412MHz	Pass	PK	2.4148G	109.84	Inf	-Inf	3	Vertical	339	2.99	-
2412MHz	Pass	AV	2.4138G	107.12	Inf	-Inf	3	Vertical	339	2.99	-
2412MHz	Pass	PK	2.386G	61.33	74.00	-12.67	3	Horizontal	142	2.91	-
2412MHz	Pass	AV	2.3862G	52.26	54.00	-1.74	3	Horizontal	142	2.91	-
2412MHz	Pass	PK	2.4136G	104.81	Inf	-Inf	3	Horizontal	142	2.91	-
2412MHz	Pass	AV	2.4104G	101.83	Inf	-Inf	3	Horizontal	142	2.91	-
2412MHz	Pass	PK	4.82396G	49.47	74.00	-24.53	3	Vertical	120	1.80	-
2412MHz	Pass	AV	4.82404G	41.32	54.00	-12.68	3	Vertical	120	1.80	-
2412MHz	Pass	PK	4.82392G	48.34	74.00	-25.66	3	Horizontal	213	2.48	-
2412MHz	Pass	AV	4.82408G	38.53	54.00	-15.47	3	Horizontal	213	2.48	-
2437MHz	Pass	PK	2.3634G	57.85	74.00	-16.15	3	Vertical	335	1.06	-
2437MHz	Pass	AV	2.3578G	44.58	54.00	-9.42	3	Vertical	335	1.06	-
2437MHz	Pass	PK	2.4354G	110.61	Inf	-Inf	3	Vertical	335	1.06	-
2437MHz	Pass	AV	2.4358G	107.83	Inf	-Inf	3	Vertical	335	1.06	-
2437MHz	Pass	PK	2.4966G	57.65	74.00	-16.35	3	Vertical	335	1.06	-
2437MHz	Pass	AV	2.4842G	44.87	54.00	-9.13	3	Vertical	335	1.06	-
2437MHz	Pass	PK	2.367G	56.69	74.00	-17.31	3	Horizontal	112	2.75	-
2437MHz	Pass	AV	2.389G	43.31	54.00	-10.69	3	Horizontal	112	2.75	-
2437MHz	Pass	PK	2.4342G	103.29	Inf	-Inf	3	Horizontal	112	2.75	-
2437MHz	Pass	AV	2.4354G	100.52	Inf	-Inf	3	Horizontal	112	2.75	-
2437MHz	Pass	PK	2.4982G	58.05	74.00	-15.95	3	Horizontal	112	2.75	-
2437MHz	Pass	AV	2.485G	45.16	54.00	-8.84	3	Horizontal	112	2.75	-
2437MHz	Pass	PK	4.87432G	48.85	74.00	-25.15	3	Vertical	114	1.80	-
2437MHz	Pass	AV	4.87404G	39.38	54.00	-14.62	3	Vertical	114	1.80	-
2437MHz	Pass	PK	7.30936G	53.01	74.00	-20.99	3	Vertical	151	1.81	-
2437MHz	Pass	AV	7.31216G	39.88	54.00	-14.12	3	Vertical	151	1.81	-
2437MHz	Pass	PK	4.87516G	45.79	74.00	-28.21	3	Horizontal	256	1.08	-
2437MHz	Pass	AV	4.87096G	32.61	54.00	-21.39	3	Horizontal	256	1.08	-
2437MHz	Pass	PK	7.31728G	52.47	74.00	-21.53	3	Horizontal	160	2.12	-
2437MHz	Pass	AV	7.30116G	38.38	54.00	-15.62	3	Horizontal	160	2.12	-
2457MHz	Pass	PK	2.365G	56.86	74.00	-17.14	3	Vertical	33	1.08	-
2457MHz	Pass	AV	2.375G	43.31	54.00	-10.69	3	Vertical	33	1.08	-
2457MHz	Pass	PK	2.4542G	107.72	Inf	-Inf	3	Vertical	33	1.08	-
2457MHz	Pass	AV	2.4554G	104.87	Inf	-Inf	3	Vertical	33	1.08	-
2457MHz	Pass	PK	2.4835G	59.98	74.00	-14.02	3	Vertical	33	1.08	-
2457MHz	Pass	AV	2.4838G	49.53	54.00	-4.47	3	Vertical	33	1.08	-
2457MHz	Pass	PK	2.3614G	57.09	74.00	-16.91	3	Horizontal	212	1.00	-
2457MHz	Pass	AV	2.3742G	43.09	54.00	-10.91	3	Horizontal	212	1.00	-
2457MHz	Pass	PK	2.4542G	102.44	Inf	-Inf	3	Horizontal	212	1.00	-
2457MHz	Pass	AV	2.4554G	99.68	Inf	-Inf	3	Horizontal	212	1.00	-
2457MHz	Pass	PK	2.4842G	58.13	74.00	-15.87	3	Horizontal	212	1.00	-
2457MHz	Pass	AV	2.4835G	45.99	54.00	-8.01	3	Horizontal	212	1.00	-
2462MHz	Pass	PK	2.4648G	108.29	Inf	-Inf	3	Vertical	35	1.00	-
2462MHz	Pass	AV	2.4638G	105.50	Inf	-Inf	3	Vertical	35	1.00	-
2462MHz	Pass	PK	2.488G	61.47	74.00	-12.53	3	Vertical	35	1.00	-
2462MHz	Pass	AV	2.4835G	52.89	54.00	-1.11	3	Vertical	35	1.00	-
2462MHz	Pass	PK	2.4648G	102.35	Inf	-Inf	3	Horizontal	211	1.00	-
2462MHz	Pass	AV	2.4638G	99.63	Inf	-Inf	3	Horizontal	211	1.00	-
2462MHz	Pass	PK	2.4858G	59.60	74.00	-14.40	3	Horizontal	211	1.00	-
2462MHz	Pass	AV	2.4878G	46.62	54.00	-7.38	3	Horizontal	211	1.00	-
2462MHz	Pass	PK	4.92408G	49.13	74.00	-24.87	3	Vertical	251	1.80	-
2462MHz	Pass	AV	4.92396G	40.42	54.00	-13.58	3	Vertical	251	1.80	-
2462MHz	Pass	PK	7.39016G	52.42	74.00	-21.58	3	Vertical	167	2.71	-
2462MHz	Pass	AV	7.38716G	38.80	54.00	-15.20	3	Vertical	167	2.71	-
2462MHz	Pass	PK	4.92404G	48.59	74.00	-25.41	3	Horizontal	52	2.48	-
2462MHz	Pass	AV	4.92404G	40.61	54.00	-13.39	3	Horizontal	52	2.48	-
2462MHz	Pass	PK	7.3852G	52.38	74.00	-21.62	3	Horizontal	259	1.80	-
2462MHz	Pass	AV	7.38932G	38.49	54.00	-15.51	3	Horizontal	259	1.80	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	PK	2.4698G	102.28	Inf	-Inf	3	Vertical	37	1.00	-
2467MHz	Pass	AV	2.4652G	99.56	Inf	-Inf	3	Vertical	37	1.00	-
2467MHz	Pass	PK	2.4844G	59.00	74.00	-15.00	3	Vertical	37	1.00	-
2467MHz	Pass	AV	2.4835G	48.05	54.00	-5.95	3	Vertical	37	1.00	-
2467MHz	Pass	PK	2.4662G	95.23	Inf	-Inf	3	Horizontal	144	2.78	-
2467MHz	Pass	AV	2.4652G	92.55	Inf	-Inf	3	Horizontal	144	2.78	-
2467MHz	Pass	PK	2.4856G	57.80	74.00	-16.20	3	Horizontal	144	2.78	-
2467MHz	Pass	AV	2.4835G	44.62	54.00	-9.38	3	Horizontal	144	2.78	-
2467MHz	Pass	PK	4.93356G	46.53	74.00	-27.47	3	Vertical	191	2.67	-
2467MHz	Pass	AV	4.93388G	33.65	54.00	-20.35	3	Vertical	191	2.67	-
2467MHz	Pass	PK	7.41008G	51.71	74.00	-22.29	3	Vertical	182	2.94	-
2467MHz	Pass	AV	7.39332G	38.70	54.00	-15.30	3	Vertical	182	2.94	-
2467MHz	Pass	PK	4.934G	46.46	74.00	-27.54	3	Horizontal	194	1.43	-
2467MHz	Pass	AV	4.93392G	36.02	54.00	-17.98	3	Horizontal	194	1.43	-
2467MHz	Pass	PK	7.40092G	52.23	74.00	-21.77	3	Horizontal	310	1.49	-
2467MHz	Pass	AV	7.41036G	38.71	54.00	-15.29	3	Horizontal	310	1.49	-
2472MHz	Pass	PK	2.4748G	96.54	Inf	-Inf	3	Vertical	37	1.00	-
2472MHz	Pass	AV	2.4728G	93.60	Inf	-Inf	3	Vertical	37	1.00	-
2472MHz	Pass	PK	2.4842G	58.69	74.00	-15.31	3	Vertical	37	1.00	-
2472MHz	Pass	AV	2.4844G	47.00	54.00	-7.00	3	Vertical	37	1.00	-
2472MHz	Pass	PK	2.4748G	90.26	Inf	-Inf	3	Horizontal	146	3.00	-
2472MHz	Pass	AV	2.4738G	87.34	Inf	-Inf	3	Horizontal	146	3.00	-
2472MHz	Pass	PK	2.49G	57.92	74.00	-16.08	3	Horizontal	146	3.00	-
2472MHz	Pass	AV	2.4842G	44.58	54.00	-9.42	3	Horizontal	146	3.00	-
2472MHz	Pass	PK	4.9488G	47.19	74.00	-26.81	3	Vertical	248	1.80	-
2472MHz	Pass	AV	4.94384G	33.46	54.00	-20.54	3	Vertical	248	1.80	-
2472MHz	Pass	PK	7.41916G	52.07	74.00	-21.93	3	Vertical	274	2.39	-
2472MHz	Pass	AV	7.41144G	38.97	54.00	-15.03	3	Vertical	274	2.39	-
2472MHz	Pass	PK	4.94268G	48.16	74.00	-25.84	3	Horizontal	23	1.77	-
2472MHz	Pass	AV	4.93432G	33.02	54.00	-20.98	3	Horizontal	23	1.77	-
2472MHz	Pass	PK	7.41644G	52.55	74.00	-21.45	3	Horizontal	3	2.87	-
2472MHz	Pass	AV	7.41424G	38.96	54.00	-15.04	3	Horizontal	3	2.87	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3864G	64.90	74.00	-9.10	3	Vertical	338	2.44	-
2412MHz	Pass	AV	2.3898G	47.76	54.00	-6.24	3	Vertical	338	2.44	-
2412MHz	Pass	PK	2.4116G	109.45	Inf	-Inf	3	Vertical	338	2.44	-
2412MHz	Pass	AV	2.4112G	99.10	Inf	-Inf	3	Vertical	338	2.44	-
2412MHz	Pass	PK	2.3886G	59.10	74.00	-14.90	3	Horizontal	113	2.79	-
2412MHz	Pass	AV	2.39G	43.94	54.00	-10.06	3	Horizontal	113	2.79	-
2412MHz	Pass	PK	2.4116G	102.62	Inf	-Inf	3	Horizontal	113	2.79	-
2412MHz	Pass	AV	2.4114G	92.33	Inf	-Inf	3	Horizontal	113	2.79	-
2412MHz	Pass	PK	4.81392G	45.63	74.00	-28.37	3	Vertical	259	1.80	-
2412MHz	Pass	AV	4.82934G	32.25	54.00	-21.75	3	Vertical	259	1.80	-
2412MHz	Pass	PK	4.80996G	45.77	74.00	-28.23	3	Horizontal	0	2.59	-
2412MHz	Pass	AV	4.82904G	32.22	54.00	-21.78	3	Horizontal	0	2.59	-
2417MHz	Pass	PK	2.3898G	65.60	74.00	-8.40	3	Vertical	337	1.00	-
2417MHz	Pass	AV	2.3894G	46.46	54.00	-7.54	3	Vertical	337	1.00	-
2417MHz	Pass	PK	2.4166G	110.51	Inf	-Inf	3	Vertical	337	1.00	-
2417MHz	Pass	AV	2.4162G	100.01	Inf	-Inf	3	Vertical	337	1.00	-
2417MHz	Pass	PK	2.4966G	58.11	74.00	-15.89	3	Vertical	337	1.00	-
2417MHz	Pass	AV	2.4998G	44.18	54.00	-9.82	3	Vertical	337	1.00	-
2417MHz	Pass	PK	2.3898G	60.98	74.00	-13.02	3	Horizontal	207	1.00	-
2417MHz	Pass	AV	2.3898G	44.22	54.00	-9.78	3	Horizontal	207	1.00	-
2417MHz	Pass	PK	2.4146G	105.37	Inf	-Inf	3	Horizontal	207	1.00	-
2417MHz	Pass	AV	2.4178G	95.27	Inf	-Inf	3	Horizontal	207	1.00	-
2417MHz	Pass	PK	2.4966G	57.33	74.00	-16.67	3	Horizontal	207	1.00	-
2417MHz	Pass	AV	2.4974G	43.90	54.00	-10.10	3	Horizontal	207	1.00	-
2437MHz	Pass	PK	2.3894G	60.18	74.00	-13.82	3	Vertical	336	1.80	-
2437MHz	Pass	AV	2.3894G	44.36	54.00	-9.64	3	Vertical	336	1.80	-
2437MHz	Pass	PK	2.4366G	113.37	Inf	-Inf	3	Vertical	336	1.80	-
2437MHz	Pass	AV	2.4362G	102.96	Inf	-Inf	3	Vertical	336	1.80	-
2437MHz	Pass	PK	2.485G	62.81	74.00	-11.19	3	Vertical	336	1.80	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4835G	44.97	54.00	-9.03	3	Vertical	336	1.80	-
2437MHz	Pass	PK	2.365G	57.42	74.00	-16.58	3	Horizontal	116	2.48	-
2437MHz	Pass	AV	2.351G	43.15	54.00	-10.85	3	Horizontal	116	2.48	-
2437MHz	Pass	PK	2.4366G	105.20	Inf	-Inf	3	Horizontal	116	2.48	-
2437MHz	Pass	AV	2.4362G	94.62	Inf	-Inf	3	Horizontal	116	2.48	-
2437MHz	Pass	PK	2.4838G	58.25	74.00	-15.75	3	Horizontal	116	2.48	-
2437MHz	Pass	AV	2.4835G	43.94	54.00	-10.06	3	Horizontal	116	2.48	-
2437MHz	Pass	PK	4.87766G	47.05	74.00	-26.95	3	Vertical	258	1.80	-
2437MHz	Pass	AV	4.87244G	33.33	54.00	-20.67	3	Vertical	258	1.80	-
2437MHz	Pass	PK	7.30782G	53.23	74.00	-20.77	3	Vertical	63	1.01	-
2437MHz	Pass	AV	7.31208G	38.91	54.00	-15.09	3	Vertical	63	1.01	-
2437MHz	Pass	PK	4.8734G	46.62	74.00	-27.38	3	Horizontal	226	1.04	-
2437MHz	Pass	AV	4.87268G	32.57	54.00	-21.43	3	Horizontal	226	1.04	-
2437MHz	Pass	PK	7.30812G	52.80	74.00	-21.20	3	Horizontal	170	2.60	-
2437MHz	Pass	AV	7.3092G	38.70	54.00	-15.30	3	Horizontal	170	2.60	-
2457MHz	Pass	PK	2.3742G	57.13	74.00	-16.87	3	Vertical	23	1.00	-
2457MHz	Pass	AV	2.3818G	43.38	54.00	-10.62	3	Vertical	23	1.00	-
2457MHz	Pass	PK	2.4566G	112.06	Inf	-Inf	3	Vertical	23	1.00	-
2457MHz	Pass	AV	2.4562G	101.39	Inf	-Inf	3	Vertical	23	1.00	-
2457MHz	Pass	PK	2.4874G	66.48	74.00	-7.52	3	Vertical	23	1.00	-
2457MHz	Pass	AV	2.4835G	48.67	54.00	-5.33	3	Vertical	23	1.00	-
2457MHz	Pass	PK	2.359G	57.82	74.00	-16.18	3	Horizontal	209	1.00	-
2457MHz	Pass	AV	2.3626G	43.05	54.00	-10.95	3	Horizontal	209	1.00	-
2457MHz	Pass	PK	2.4546G	105.89	Inf	-Inf	3	Horizontal	209	1.00	-
2457MHz	Pass	AV	2.4578G	95.67	Inf	-Inf	3	Horizontal	209	1.00	-
2457MHz	Pass	PK	2.485G	59.90	74.00	-14.10	3	Horizontal	209	1.00	-
2457MHz	Pass	AV	2.4835G	45.52	54.00	-8.48	3	Horizontal	209	1.00	-
2462MHz	Pass	PK	2.4616G	109.89	Inf	-Inf	3	Vertical	33	1.01	-
2462MHz	Pass	AV	2.4614G	99.54	Inf	-Inf	3	Vertical	33	1.01	-
2462MHz	Pass	PK	2.4836G	67.30	74.00	-6.70	3	Vertical	33	1.01	-
2462MHz	Pass	AV	2.4836G	49.30	54.00	-4.70	3	Vertical	33	1.01	-
2462MHz	Pass	PK	2.4614G	103.84	Inf	-Inf	3	Horizontal	211	1.01	-
2462MHz	Pass	AV	2.4624G	93.08	Inf	-Inf	3	Horizontal	211	1.01	-
2462MHz	Pass	PK	2.4835G	61.81	74.00	-12.19	3	Horizontal	211	1.01	-
2462MHz	Pass	AV	2.4835G	45.55	54.00	-8.45	3	Horizontal	211	1.01	-
2462MHz	Pass	PK	4.9114G	47.40	74.00	-26.60	3	Vertical	39	1.94	-
2462MHz	Pass	AV	4.9174G	32.82	54.00	-21.18	3	Vertical	39	1.94	-
2462MHz	Pass	PK	7.37478G	52.17	74.00	-21.83	3	Vertical	235	2.38	-
2462MHz	Pass	AV	7.38078G	38.56	54.00	-15.44	3	Vertical	235	2.38	-
2462MHz	Pass	PK	4.93858G	46.07	74.00	-27.93	3	Horizontal	176	2.70	-
2462MHz	Pass	AV	4.93258G	32.77	54.00	-21.23	3	Horizontal	176	2.70	-
2462MHz	Pass	PK	7.40082G	52.25	74.00	-21.75	3	Horizontal	21	1.05	-
2462MHz	Pass	AV	7.37274G	38.56	54.00	-15.44	3	Horizontal	21	1.05	-
2467MHz	Pass	PK	2.4664G	109.09	Inf	-Inf	3	Vertical	37	1.00	-
2467MHz	Pass	AV	2.4664G	98.90	Inf	-Inf	3	Vertical	37	1.00	-
2467MHz	Pass	PK	2.4846G	73.91	74.00	-0.09	3	Vertical	37	1.00	-
2467MHz	Pass	AV	2.4838G	53.47	54.00	-0.53	3	Vertical	37	1.00	-
2467MHz	Pass	PK	2.4666G	102.77	Inf	-Inf	3	Horizontal	211	1.01	-
2467MHz	Pass	AV	2.4664G	92.01	Inf	-Inf	3	Horizontal	211	1.01	-
2467MHz	Pass	PK	2.4846G	67.75	74.00	-6.25	3	Horizontal	211	1.01	-
2467MHz	Pass	AV	2.4846G	48.41	54.00	-5.59	3	Horizontal	211	1.01	-
2467MHz	Pass	PK	4.9286G	47.21	74.00	-26.79	3	Vertical	95	1.13	-
2467MHz	Pass	AV	4.93322G	32.90	54.00	-21.10	3	Vertical	95	1.13	-
2467MHz	Pass	PK	7.3917G	52.73	74.00	-21.27	3	Vertical	172	2.24	-
2467MHz	Pass	AV	7.40406G	38.67	54.00	-15.33	3	Vertical	172	2.24	-
2467MHz	Pass	PK	4.93286G	46.39	74.00	-27.61	3	Horizontal	351	2.74	-
2467MHz	Pass	AV	4.9295G	32.95	54.00	-21.05	3	Horizontal	351	2.74	-
2467MHz	Pass	PK	7.413G	51.67	74.00	-22.33	3	Horizontal	132	1.05	-
2467MHz	Pass	AV	7.41354G	38.66	54.00	-15.34	3	Horizontal	132	1.05	-
2472MHz	Pass	PK	2.4736G	102.77	Inf	-Inf	3	Vertical	225	1.80	-
2472MHz	Pass	AV	2.4732G	92.39	Inf	-Inf	3	Vertical	225	1.80	-
2472MHz	Pass	PK	2.4835G	61.02	74.00	-12.98	3	Vertical	225	1.80	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2472MHz	Pass	AV	2.4835G	47.83	54.00	-6.17	3	Vertical	225	1.80	-
2472MHz	Pass	PK	2.4708G	96.98	Inf	-Inf	3	Horizontal	142	1.00	-
2472MHz	Pass	AV	2.4706G	86.72	Inf	-Inf	3	Horizontal	142	1.00	-
2472MHz	Pass	PK	2.4835G	57.88	74.00	-16.12	3	Horizontal	142	1.00	-
2472MHz	Pass	AV	2.4835G	45.27	54.00	-8.73	3	Horizontal	142	1.00	-
2472MHz	Pass	PK	4.93968G	45.83	74.00	-28.17	3	Vertical	32	2.28	-
2472MHz	Pass	AV	4.9326G	32.98	54.00	-21.02	3	Vertical	32	2.28	-
2472MHz	Pass	PK	7.40928G	53.08	74.00	-20.92	3	Vertical	138	2.16	-
2472MHz	Pass	AV	7.40928G	39.01	54.00	-14.99	3	Vertical	138	2.16	-
2472MHz	Pass	PK	4.94454G	46.48	74.00	-27.52	3	Horizontal	327	2.44	-
2472MHz	Pass	AV	4.93038G	32.96	54.00	-21.04	3	Horizontal	327	2.44	-
2472MHz	Pass	PK	7.4067G	52.36	74.00	-21.64	3	Horizontal	167	2.25	-
2472MHz	Pass	AV	7.40982G	38.89	54.00	-15.11	3	Horizontal	167	2.25	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.39G	68.83	74.00	-5.17	3	Vertical	339	1.29	-
2412MHz	Pass	AV	2.3898G	49.17	54.00	-4.83	3	Vertical	339	1.29	-
2412MHz	Pass	PK	2.4114G	112.70	Inf	-Inf	3	Vertical	339	1.29	-
2412MHz	Pass	AV	2.4128G	99.48	Inf	-Inf	3	Vertical	339	1.29	-
2412MHz	Pass	PK	2.39G	60.36	74.00	-13.64	3	Horizontal	112	2.80	-
2412MHz	Pass	AV	2.39G	44.45	54.00	-9.55	3	Horizontal	112	2.80	-
2412MHz	Pass	PK	2.4114G	105.00	Inf	-Inf	3	Horizontal	112	2.80	-
2412MHz	Pass	AV	2.4128G	91.74	Inf	-Inf	3	Horizontal	112	2.80	-
2412MHz	Pass	PK	4.83498G	46.64	74.00	-27.36	3	Vertical	109	2.29	-
2412MHz	Pass	AV	4.83018G	32.37	54.00	-21.63	3	Vertical	109	2.29	-
2412MHz	Pass	PK	4.82664G	46.27	74.00	-27.73	3	Horizontal	81	2.85	-
2412MHz	Pass	AV	4.8192G	32.40	54.00	-21.60	3	Horizontal	81	2.85	-
2417MHz	Pass	PK	2.389G	71.89	74.00	-2.11	3	Vertical	337	1.12	-
2417MHz	Pass	AV	2.3898G	49.72	54.00	-4.28	3	Vertical	337	1.12	-
2417MHz	Pass	PK	2.4166G	114.80	Inf	-Inf	3	Vertical	337	1.12	-
2417MHz	Pass	AV	2.4174G	101.10	Inf	-Inf	3	Vertical	337	1.12	-
2417MHz	Pass	PK	2.4962G	58.04	74.00	-15.96	3	Vertical	337	1.12	-
2417MHz	Pass	AV	2.4982G	44.25	54.00	-9.75	3	Vertical	337	1.12	-
2417MHz	Pass	PK	2.389G	62.21	74.00	-11.79	3	Horizontal	113	2.72	-
2417MHz	Pass	AV	2.3898G	44.63	54.00	-9.37	3	Horizontal	113	2.72	-
2417MHz	Pass	PK	2.4166G	107.21	Inf	-Inf	3	Horizontal	113	2.72	-
2417MHz	Pass	AV	2.4182G	93.47	Inf	-Inf	3	Horizontal	113	2.72	-
2417MHz	Pass	PK	2.4878G	57.11	74.00	-16.89	3	Horizontal	113	2.72	-
2417MHz	Pass	AV	2.4994G	43.91	54.00	-10.09	3	Horizontal	113	2.72	-
2437MHz	Pass	PK	2.389G	60.39	74.00	-13.61	3	Vertical	334	1.10	-
2437MHz	Pass	AV	2.3894G	44.86	54.00	-9.14	3	Vertical	334	1.10	-
2437MHz	Pass	PK	2.4366G	115.69	Inf	-Inf	3	Vertical	334	1.10	-
2437MHz	Pass	AV	2.4382G	102.44	Inf	-Inf	3	Vertical	334	1.10	-
2437MHz	Pass	PK	2.4922G	62.05	74.00	-11.95	3	Vertical	334	1.10	-
2437MHz	Pass	AV	2.4835G	45.46	54.00	-8.54	3	Vertical	334	1.10	-
2437MHz	Pass	PK	2.3378G	56.90	74.00	-17.10	3	Horizontal	114	2.74	-
2437MHz	Pass	AV	2.357G	43.10	54.00	-10.90	3	Horizontal	114	2.74	-
2437MHz	Pass	PK	2.4366G	108.04	Inf	-Inf	3	Horizontal	114	2.74	-
2437MHz	Pass	AV	2.4358G	94.91	Inf	-Inf	3	Horizontal	114	2.74	-
2437MHz	Pass	PK	2.4835G	58.44	74.00	-15.56	3	Horizontal	114	2.74	-
2437MHz	Pass	AV	2.4838G	44.22	54.00	-9.78	3	Horizontal	114	2.74	-
2437MHz	Pass	PK	4.87748G	47.08	74.00	-26.92	3	Vertical	250	1.80	-
2437MHz	Pass	AV	4.87604G	33.42	54.00	-20.58	3	Vertical	250	1.80	-
2437MHz	Pass	PK	7.30368G	52.69	74.00	-21.31	3	Vertical	174	1.23	-
2437MHz	Pass	AV	7.29756G	38.59	54.00	-15.41	3	Vertical	174	1.23	-
2437MHz	Pass	PK	4.87292G	47.58	74.00	-26.42	3	Horizontal	115	2.69	-
2437MHz	Pass	AV	4.87172G	33.41	54.00	-20.59	3	Horizontal	115	2.69	-
2437MHz	Pass	PK	7.32198G	52.07	74.00	-21.93	3	Horizontal	45	1.33	-
2437MHz	Pass	AV	7.31748G	38.57	54.00	-15.43	3	Horizontal	45	1.33	-
2457MHz	Pass	PK	2.371G	57.21	74.00	-16.79	3	Vertical	335	1.00	-
2457MHz	Pass	AV	2.379G	43.31	54.00	-10.69	3	Vertical	335	1.00	-
2457MHz	Pass	PK	2.4566G	113.30	Inf	-Inf	3	Vertical	335	1.00	-
2457MHz	Pass	AV	2.4578G	99.69	Inf	-Inf	3	Vertical	335	1.00	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4842G	65.88	74.00	-8.12	3	Vertical	335	1.00	-
2457MHz	Pass	AV	2.4835G	47.47	54.00	-6.53	3	Vertical	335	1.00	-
2457MHz	Pass	PK	2.3826G	57.09	74.00	-16.91	3	Horizontal	112	3.00	-
2457MHz	Pass	AV	2.3618G	43.07	54.00	-10.93	3	Horizontal	112	3.00	-
2457MHz	Pass	PK	2.4566G	106.41	Inf	-Inf	3	Horizontal	112	3.00	-
2457MHz	Pass	AV	2.4558G	92.68	Inf	-Inf	3	Horizontal	112	3.00	-
2457MHz	Pass	PK	2.4842G	62.04	74.00	-11.96	3	Horizontal	112	3.00	-
2457MHz	Pass	AV	2.4835G	45.52	54.00	-8.48	3	Horizontal	112	3.00	-
2462MHz	Pass	PK	2.4616G	110.99	Inf	-Inf	3	Vertical	37	1.00	-
2462MHz	Pass	AV	2.463G	97.53	Inf	-Inf	3	Vertical	37	1.00	-
2462MHz	Pass	PK	2.4836G	72.49	74.00	-1.51	3	Vertical	37	1.00	-
2462MHz	Pass	AV	2.4835G	49.58	54.00	-4.42	3	Vertical	37	1.00	-
2462MHz	Pass	PK	2.4616G	106.06	Inf	-Inf	3	Horizontal	145	2.78	-
2462MHz	Pass	AV	2.4628G	92.89	Inf	-Inf	3	Horizontal	145	2.78	-
2462MHz	Pass	PK	2.4835G	67.47	74.00	-6.53	3	Horizontal	145	2.78	-
2462MHz	Pass	AV	2.4838G	46.34	54.00	-7.66	3	Horizontal	145	2.78	-
2462MHz	Pass	PK	4.91788G	46.89	74.00	-27.11	3	Vertical	196	2.57	-
2462MHz	Pass	AV	4.92244G	32.87	54.00	-21.13	3	Vertical	196	2.57	-
2462MHz	Pass	PK	7.38282G	52.57	74.00	-21.43	3	Vertical	344	2.35	-
2462MHz	Pass	AV	7.3737G	38.68	54.00	-15.32	3	Vertical	344	2.35	-
2462MHz	Pass	PK	4.93132G	46.53	74.00	-27.47	3	Horizontal	165	2.91	-
2462MHz	Pass	AV	4.92958G	32.91	54.00	-21.09	3	Horizontal	165	2.91	-
2462MHz	Pass	PK	7.39818G	52.71	74.00	-21.29	3	Horizontal	289	1.03	-
2462MHz	Pass	AV	7.37184G	38.66	54.00	-15.34	3	Horizontal	289	1.03	-
2467MHz	Pass	PK	2.4664G	111.33	Inf	-Inf	3	Vertical	34	1.00	-
2467MHz	Pass	AV	2.4656G	97.68	Inf	-Inf	3	Vertical	34	1.00	-
2467MHz	Pass	PK	2.4858G	73.77	74.00	-0.23	3	Vertical	34	1.00	-
2467MHz	Pass	AV	2.4835G	52.75	54.00	-1.25	3	Vertical	34	1.00	-
2467MHz	Pass	PK	2.4666G	106.74	Inf	-Inf	3	Horizontal	144	2.77	-
2467MHz	Pass	AV	2.468G	93.05	Inf	-Inf	3	Horizontal	144	2.77	-
2467MHz	Pass	PK	2.4854G	69.78	74.00	-4.22	3	Horizontal	144	2.77	-
2467MHz	Pass	AV	2.4835G	49.33	54.00	-4.67	3	Horizontal	144	2.77	-
2467MHz	Pass	PK	4.93454G	46.09	74.00	-27.91	3	Vertical	31	1.96	-
2467MHz	Pass	AV	4.92092G	33.03	54.00	-20.97	3	Vertical	31	1.96	-
2467MHz	Pass	PK	7.41354G	53.10	74.00	-20.90	3	Vertical	305	1.60	-
2467MHz	Pass	AV	7.40724G	38.76	54.00	-15.24	3	Vertical	305	1.60	-
2467MHz	Pass	PK	4.92638G	46.47	74.00	-27.53	3	Horizontal	71	1.14	-
2467MHz	Pass	AV	4.9316G	33.09	54.00	-20.91	3	Horizontal	71	1.14	-
2467MHz	Pass	PK	7.41588G	52.63	74.00	-21.37	3	Horizontal	127	2.69	-
2467MHz	Pass	AV	7.40868G	38.68	54.00	-15.32	3	Horizontal	127	2.69	-
2472MHz	Pass	PK	2.4746G	100.13	Inf	-Inf	3	Vertical	138	1.80	-
2472MHz	Pass	AV	2.4728G	87.72	Inf	-Inf	3	Vertical	138	1.80	-
2472MHz	Pass	PK	2.4836G	64.27	74.00	-9.73	3	Vertical	138	1.80	-
2472MHz	Pass	AV	2.4835G	45.37	54.00	-8.63	3	Vertical	138	1.80	-
2472MHz	Pass	PK	2.4712G	96.63	Inf	-Inf	3	Horizontal	146	3.00	-
2472MHz	Pass	AV	2.4726G	84.47	Inf	-Inf	3	Horizontal	146	3.00	-
2472MHz	Pass	PK	2.4844G	61.66	74.00	-12.34	3	Horizontal	146	3.00	-
2472MHz	Pass	AV	2.4836G	44.42	54.00	-9.58	3	Horizontal	146	3.00	-
2472MHz	Pass	PK	4.93356G	46.69	74.00	-27.31	3	Vertical	354	1.77	-
2472MHz	Pass	AV	4.9326G	33.04	54.00	-20.96	3	Vertical	354	1.77	-
2472MHz	Pass	PK	7.40634G	52.37	74.00	-21.63	3	Vertical	159	1.85	-
2472MHz	Pass	AV	7.41834G	39.02	54.00	-14.98	3	Vertical	159	1.85	-
2472MHz	Pass	PK	4.9428G	46.58	74.00	-27.42	3	Horizontal	345	2.99	-
2472MHz	Pass	AV	4.93044G	33.04	54.00	-20.96	3	Horizontal	345	2.99	-
2472MHz	Pass	PK	7.42764G	52.63	74.00	-21.37	3	Horizontal	35	2.04	-
2472MHz	Pass	AV	7.40184G	38.95	54.00	-15.05	3	Horizontal	35	2.04	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	PK	2.3892G	72.83	74.00	-1.17	3	Vertical	344	1.00	-
2422MHz	Pass	AV	2.3888G	52.40	54.00	-1.60	3	Vertical	344	1.00	-
2422MHz	Pass	PK	2.4248G	108.39	Inf	-Inf	3	Vertical	344	1.00	-
2422MHz	Pass	AV	2.4236G	94.64	Inf	-Inf	3	Vertical	344	1.00	-
2422MHz	Pass	PK	2.4884G	57.90	74.00	-16.10	3	Vertical	344	1.00	-



RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.4848G	44.55	54.00	-9.45	3	Vertical	344	1.00	-
2422MHz	Pass	PK	2.3896G	63.20	74.00	-10.80	3	Horizontal	113	2.72	-
2422MHz	Pass	AV	2.39G	44.86	54.00	-9.14	3	Horizontal	113	2.72	-
2422MHz	Pass	PK	2.4204G	100.65	Inf	-Inf	3	Horizontal	113	2.72	-
2422MHz	Pass	AV	2.4244G	86.95	Inf	-Inf	3	Horizontal	113	2.72	-
2422MHz	Pass	PK	2.4988G	56.99	74.00	-17.01	3	Horizontal	113	2.72	-
2422MHz	Pass	AV	2.4976G	43.92	54.00	-10.08	3	Horizontal	113	2.72	-
2422MHz	Pass	PK	4.83554G	46.56	74.00	-27.44	3	Vertical	136	1.79	-
2422MHz	Pass	AV	4.84808G	32.62	54.00	-21.38	3	Vertical	136	1.79	-
2422MHz	Pass	PK	7.27632G	51.99	74.00	-22.01	3	Vertical	18	1.25	-
2422MHz	Pass	AV	7.27116G	38.78	54.00	-15.22	3	Vertical	18	1.25	-
2422MHz	Pass	PK	4.83134G	46.15	74.00	-27.85	3	Horizontal	250	2.51	-
2422MHz	Pass	AV	4.84904G	32.64	54.00	-21.36	3	Horizontal	250	2.51	-
2422MHz	Pass	PK	7.27014G	52.77	74.00	-21.23	3	Horizontal	317	2.70	-
2422MHz	Pass	AV	7.26906G	38.71	54.00	-15.29	3	Horizontal	317	2.70	-
2437MHz	Pass	PK	2.3898G	61.82	74.00	-12.18	3	Vertical	339	1.80	-
2437MHz	Pass	AV	2.3898G	45.78	54.00	-8.22	3	Vertical	339	1.80	-
2437MHz	Pass	PK	2.4398G	107.50	Inf	-Inf	3	Vertical	339	1.80	-
2437MHz	Pass	AV	2.4382G	93.60	Inf	-Inf	3	Vertical	339	1.80	-
2437MHz	Pass	PK	2.4894G	63.45	74.00	-10.55	3	Vertical	339	1.80	-
2437MHz	Pass	AV	2.4835G	46.88	54.00	-7.12	3	Vertical	339	1.80	-
2437MHz	Pass	PK	2.3386G	56.53	74.00	-17.47	3	Horizontal	113	2.74	-
2437MHz	Pass	AV	2.3886G	43.30	54.00	-10.70	3	Horizontal	113	2.74	-
2437MHz	Pass	PK	2.4398G	100.44	Inf	-Inf	3	Horizontal	113	2.74	-
2437MHz	Pass	AV	2.4346G	87.80	Inf	-Inf	3	Horizontal	113	2.74	-
2437MHz	Pass	PK	2.489G	57.83	74.00	-16.17	3	Horizontal	113	2.74	-
2437MHz	Pass	AV	2.4838G	44.33	54.00	-9.67	3	Horizontal	113	2.74	-
2437MHz	Pass	PK	4.87466G	47.44	74.00	-26.56	3	Vertical	109	2.17	-
2437MHz	Pass	AV	4.87418G	33.55	54.00	-20.45	3	Vertical	109	2.17	-
2437MHz	Pass	PK	7.3077G	53.08	74.00	-20.92	3	Vertical	336	2.46	-
2437MHz	Pass	AV	7.2975G	38.65	54.00	-15.35	3	Vertical	336	2.46	-
2437MHz	Pass	PK	4.8749G	46.60	74.00	-27.40	3	Horizontal	109	2.43	-
2437MHz	Pass	AV	4.87334G	33.55	54.00	-20.45	3	Horizontal	109	2.43	-
2437MHz	Pass	PK	7.29618G	52.59	74.00	-21.41	3	Horizontal	49	1.83	-
2437MHz	Pass	AV	7.3029G	38.65	54.00	-15.35	3	Horizontal	49	1.83	-
2452MHz	Pass	PK	2.3752G	56.49	74.00	-17.51	3	Vertical	338	2.99	-
2452MHz	Pass	AV	2.3568G	43.21	54.00	-10.79	3	Vertical	338	2.99	-
2452MHz	Pass	PK	2.4548G	106.91	Inf	-Inf	3	Vertical	338	2.99	-
2452MHz	Pass	AV	2.4496G	92.71	Inf	-Inf	3	Vertical	338	2.99	-
2452MHz	Pass	PK	2.484G	71.14	74.00	-2.86	3	Vertical	338	2.99	-
2452MHz	Pass	AV	2.4844G	50.45	54.00	-3.55	3	Vertical	338	2.99	-
2452MHz	Pass	PK	2.362G	56.74	74.00	-17.26	3	Horizontal	112	3.00	-
2452MHz	Pass	AV	2.3532G	43.08	54.00	-10.92	3	Horizontal	112	3.00	-
2452MHz	Pass	PK	2.4548G	100.18	Inf	-Inf	3	Horizontal	112	3.00	-
2452MHz	Pass	AV	2.4536G	86.89	Inf	-Inf	3	Horizontal	112	3.00	-
2452MHz	Pass	PK	2.4844G	65.86	74.00	-8.14	3	Horizontal	112	3.00	-
2452MHz	Pass	AV	2.4848G	46.95	54.00	-7.05	3	Horizontal	112	3.00	-
2452MHz	Pass	PK	4.90424G	46.21	74.00	-27.79	3	Vertical	69	2.65	-
2452MHz	Pass	AV	4.88942G	32.81	54.00	-21.19	3	Vertical	69	2.65	-
2452MHz	Pass	PK	7.37034G	52.80	74.00	-21.20	3	Vertical	163	1.79	-
2452MHz	Pass	AV	7.3431G	38.84	54.00	-15.16	3	Vertical	163	1.79	-
2452MHz	Pass	PK	4.91288G	46.99	74.00	-27.01	3	Horizontal	169	2.12	-
2452MHz	Pass	AV	4.88966G	32.77	54.00	-21.23	3	Horizontal	169	2.12	-
2452MHz	Pass	PK	7.344G	52.64	74.00	-21.36	3	Horizontal	190	1.45	-
2452MHz	Pass	AV	7.34268G	38.74	54.00	-15.26	3	Horizontal	190	1.45	-
2457MHz	Pass	PK	2.371G	56.91	74.00	-17.09	3	Vertical	335	1.12	-
2457MHz	Pass	AV	2.3894G	43.24	54.00	-10.76	3	Vertical	335	1.12	-
2457MHz	Pass	PK	2.4554G	106.47	Inf	-Inf	3	Vertical	335	1.12	-
2457MHz	Pass	AV	2.4542G	92.84	Inf	-Inf	3	Vertical	335	1.12	-
2457MHz	Pass	PK	2.489G	67.23	74.00	-6.77	3	Vertical	335	1.12	-
2457MHz	Pass	AV	2.4835G	48.38	54.00	-5.62	3	Vertical	335	1.12	-
2457MHz	Pass	PK	2.3738G	57.32	74.00	-16.68	3	Horizontal	112	2.97	-



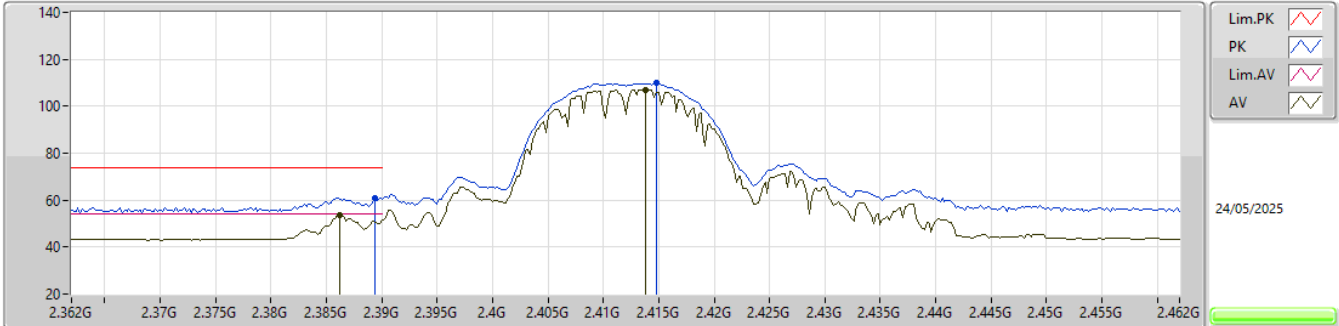
RSE TX above 1GHz
<Full RU> Non-Beamforming Mode_Ant.5 (2TX)

Appendix A.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	2.3574G	43.03	54.00	-10.97	3	Horizontal	112	2.97	-
2457MHz	Pass	PK	2.4598G	99.37	Inf	-Inf	3	Horizontal	112	2.97	-
2457MHz	Pass	AV	2.4542G	85.95	Inf	-Inf	3	Horizontal	112	2.97	-
2457MHz	Pass	PK	2.4946G	64.62	74.00	-9.38	3	Horizontal	112	2.97	-
2457MHz	Pass	AV	2.4835G	46.79	54.00	-7.21	3	Horizontal	112	2.97	-
2457MHz	Pass	PK	4.9248G	47.21	74.00	-26.79	3	Vertical	241	1.98	-
2457MHz	Pass	AV	4.92084G	32.85	54.00	-21.15	3	Vertical	241	1.98	-
2457MHz	Pass	PK	7.3743G	51.72	74.00	-22.28	3	Vertical	294	2.91	-
2457MHz	Pass	AV	7.3578G	38.75	54.00	-15.25	3	Vertical	294	2.91	-
2457MHz	Pass	PK	4.91214G	46.10	74.00	-27.90	3	Horizontal	101	1.82	-
2457MHz	Pass	AV	4.89996G	32.92	54.00	-21.08	3	Horizontal	101	1.82	-
2457MHz	Pass	PK	7.3671G	52.64	74.00	-21.36	3	Horizontal	249	2.20	-
2457MHz	Pass	AV	7.35624G	38.71	54.00	-15.29	3	Horizontal	249	2.20	-
2462MHz	Pass	PK	2.3888G	56.21	74.00	-17.79	3	Vertical	335	1.00	-
2462MHz	Pass	AV	2.3888G	43.17	54.00	-10.83	3	Vertical	335	1.00	-
2462MHz	Pass	PK	2.4604G	104.07	Inf	-Inf	3	Vertical	335	1.00	-
2462MHz	Pass	AV	2.4656G	90.26	Inf	-Inf	3	Vertical	335	1.00	-
2462MHz	Pass	PK	2.4835G	60.36	74.00	-13.64	3	Vertical	335	1.00	-
2462MHz	Pass	AV	2.484G	46.57	54.00	-7.43	3	Vertical	335	1.00	-
2462MHz	Pass	PK	2.37G	56.13	74.00	-17.87	3	Horizontal	143	2.76	-
2462MHz	Pass	AV	2.3672G	43.00	54.00	-11.00	3	Horizontal	143	2.76	-
2462MHz	Pass	PK	2.4648G	100.29	Inf	-Inf	3	Horizontal	143	2.76	-
2462MHz	Pass	AV	2.4636G	86.57	Inf	-Inf	3	Horizontal	143	2.76	-
2462MHz	Pass	PK	2.4844G	58.65	74.00	-15.35	3	Horizontal	143	2.76	-
2462MHz	Pass	AV	2.484G	45.24	54.00	-8.76	3	Horizontal	143	2.76	-
2462MHz	Pass	PK	4.93426G	46.64	74.00	-27.36	3	Vertical	311	2.45	-
2462MHz	Pass	AV	4.91038G	33.03	54.00	-20.97	3	Vertical	311	2.45	-
2462MHz	Pass	PK	7.38456G	52.55	74.00	-21.45	3	Vertical	302	1.08	-
2462MHz	Pass	AV	7.37478G	38.70	54.00	-15.30	3	Vertical	302	1.08	-
2462MHz	Pass	PK	4.9102G	45.94	74.00	-28.06	3	Horizontal	243	1.37	-
2462MHz	Pass	AV	4.93192G	32.94	54.00	-21.06	3	Horizontal	243	1.37	-
2462MHz	Pass	PK	7.37598G	53.14	74.00	-20.86	3	Horizontal	342	1.96	-
2462MHz	Pass	AV	7.37178G	38.68	54.00	-15.32	3	Horizontal	342	1.96	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

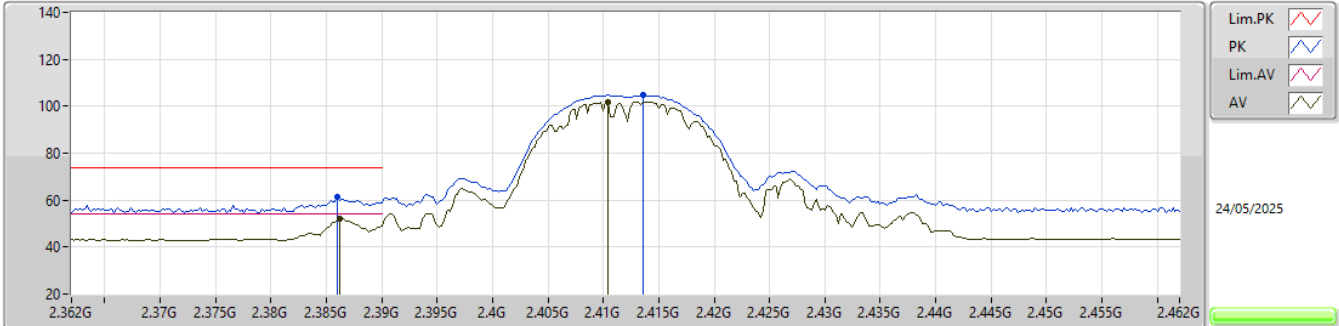


EUT_Z_2TX
 Setting 20.5(S0-1)
 01-U-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	61.04	74.00	-12.96	29.93	3	Vertical	339	2.99	-	27.39	3.72	-			
AV	2.3862G	53.69	54.00	-0.31	22.61	3	Vertical	339	2.99	-	27.36	3.72	-			
PK	2.4148G	109.84	Inf	-Inf	78.65	3	Vertical	339	2.99	-	27.45	3.74	-			
AV	2.4138G	107.12	Inf	-Inf	75.92	3	Vertical	339	2.99	-	27.46	3.74	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

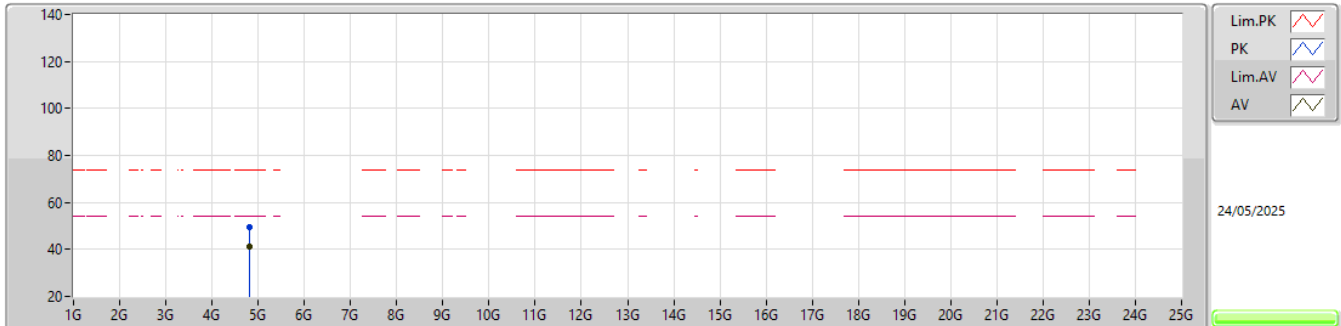


EUT_Z_2TX
 Setting 20.5(S0-1)
 01-U-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.386G	61.33	74.00	-12.67	30.25	3	Horizontal	142	2.91	-	27.36	3.72	-			
AV	2.3862G	52.26	54.00	-1.74	21.18	3	Horizontal	142	2.91	-	27.36	3.72	-			
PK	2.4136G	104.81	Inf	-Inf	73.62	3	Horizontal	142	2.91	-	27.46	3.73	-			
AV	2.4104G	101.83	Inf	-Inf	70.60	3	Horizontal	142	2.91	-	27.50	3.73	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

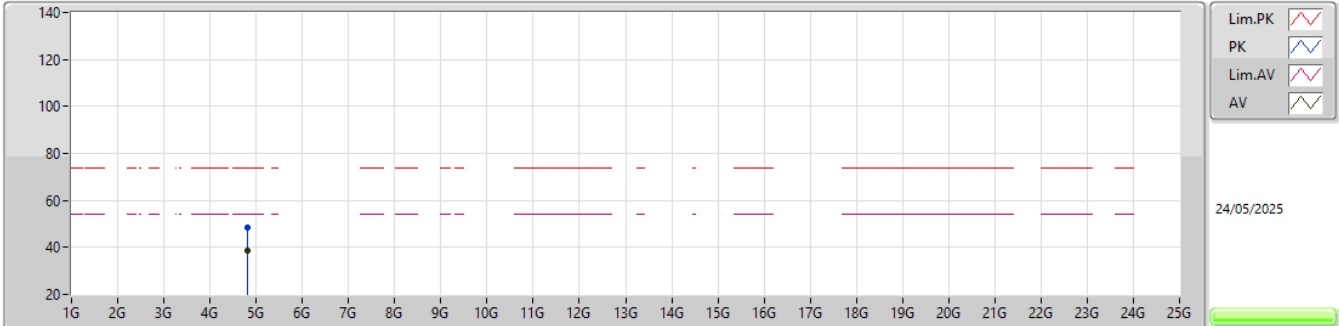


EUT_Z_2TX
 Setting 20.5(S0-1)
 01-U-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82396G	49.47	74.00	-24.53	43.01	3	Vertical	120	1.80	-	32.60	6.43	32.57			
AV	4.82404G	41.32	54.00	-12.68	34.86	3	Vertical	120	1.80	-	32.60	6.43	32.57			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

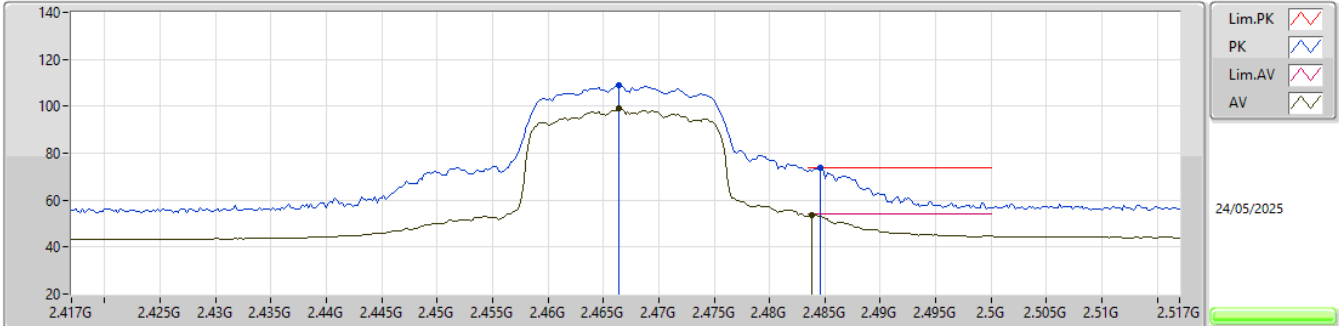


EUT_Z_2TX
 Setting 20.5(S0-1)
 01-U-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82392G	48.34	74.00	-25.66	41.88	3	Horizontal	213	2.48	-	32.60	6.43	32.57			
AV	4.82408G	38.53	54.00	-15.47	32.07	3	Horizontal	213	2.48	-	32.60	6.43	32.57			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2467MHz_TX

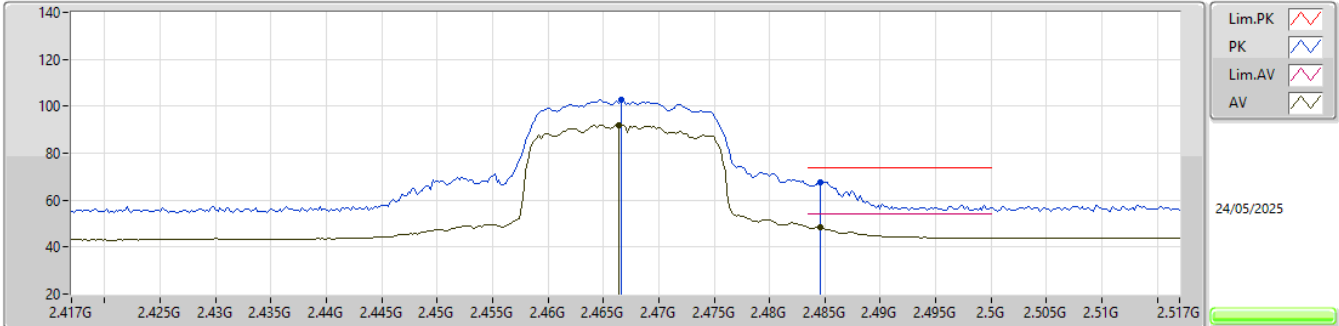


EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4664G	109.09	Inf	-Inf	77.67	3	Vertical	37	1.00	-	27.63	3.79	-			
AV	2.4664G	98.90	Inf	-Inf	67.48	3	Vertical	37	1.00	-	27.63	3.79	-			
PK	2.4846G	73.91	74.00	-0.09	42.25	3	Vertical	37	1.00	-	27.85	3.81	-			
AV	2.4838G	53.47	54.00	-0.53	21.82	3	Vertical	37	1.00	-	27.84	3.81	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2467MHz_TX

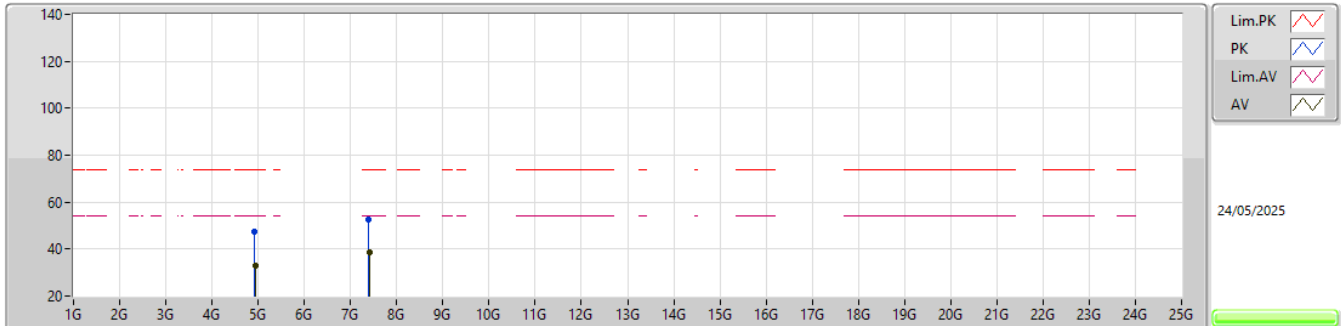


EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	2.4666G	102.77	Inf	-Inf	71.35	3	Horizontal	211	1.01	-	27.63	3.79	-			
AV	2.4664G	92.01	Inf	-Inf	60.59	3	Horizontal	211	1.01	-	27.63	3.79	-			
PK	2.4846G	67.75	74.00	-6.25	36.09	3	Horizontal	211	1.01	-	27.85	3.81	-			
AV	2.4846G	48.41	54.00	-5.59	16.75	3	Horizontal	211	1.01	-	27.85	3.81	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2467MHz_TX

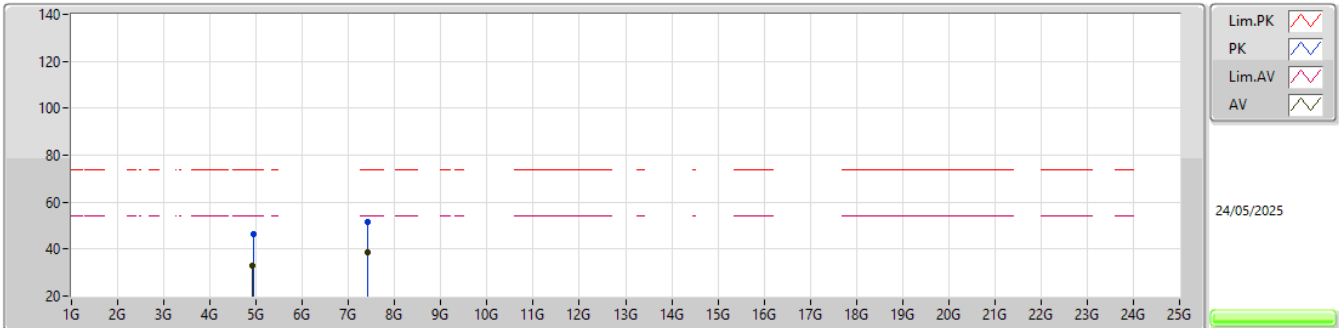


EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.9286G	47.21	74.00	-26.79	40.26	3	Vertical	95	1.13	-	32.96	6.57	32.58				
AV	4.93322G	32.90	54.00	-21.10	25.93	3	Vertical	95	1.13	-	32.97	6.58	32.58				
PK	7.3917G	52.73	74.00	-21.27	39.73	3	Vertical	172	2.24	-	37.60	8.00	32.60				
AV	7.40406G	38.67	54.00	-15.33	25.67	3	Vertical	172	2.24	-	37.59	8.01	32.60				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2467MHz_TX

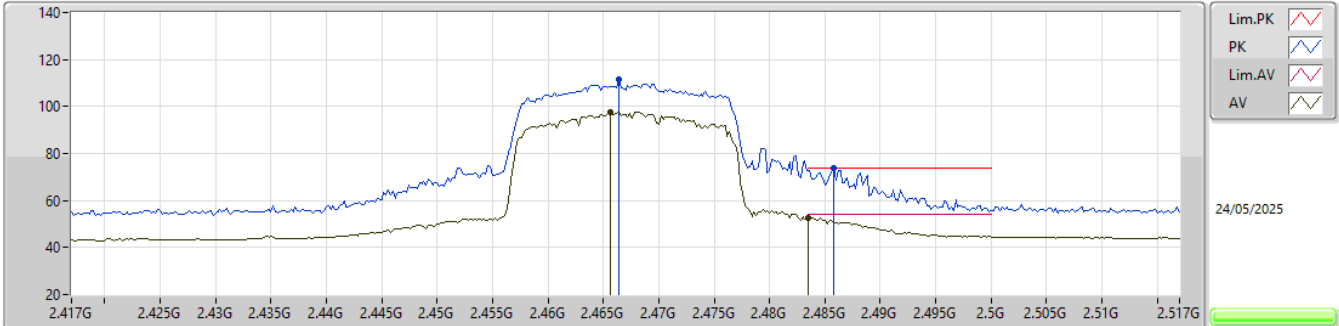


EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.93286G	46.39	74.00	-27.61	39.42	3	Horizontal	351	2.74	-	32.97	6.58	32.58				
AV	4.9295G	32.95	54.00	-21.05	26.00	3	Horizontal	351	2.74	-	32.96	6.57	32.58				
PK	7.413G	51.67	74.00	-22.33	38.67	3	Horizontal	132	1.05	-	37.57	8.02	32.59				
AV	7.41354G	38.66	54.00	-15.34	25.66	3	Horizontal	132	1.05	-	37.57	8.02	32.59				

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

2467MHz_TX

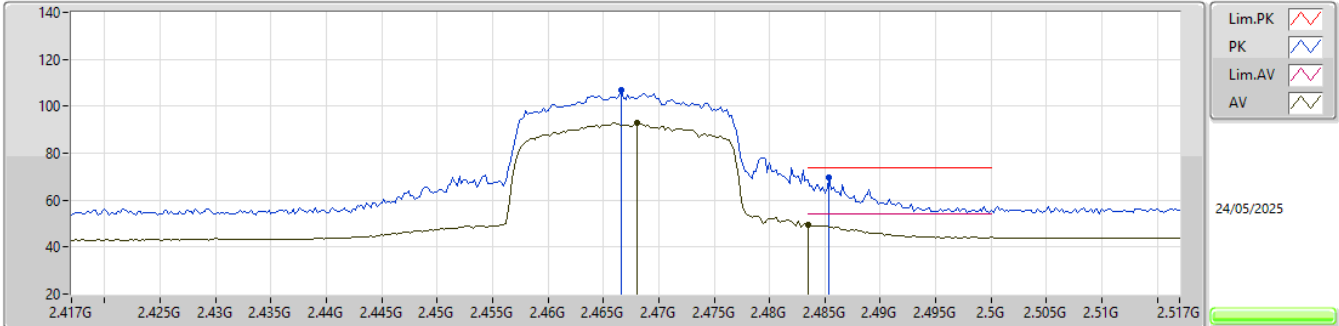


EUT_Z_2TX
 Setting 16.25(S0-1.5)
 01-U-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4664G	111.33	Inf	-Inf	79.91	3	Vertical	34	1.00	-	27.63	3.79	-			
AV	2.4656G	97.68	Inf	-Inf	66.28	3	Vertical	34	1.00	-	27.61	3.79	-			
PK	2.4858G	73.77	74.00	-0.23	42.10	3	Vertical	34	1.00	-	27.86	3.81	-			
AV	2.4835G	52.75	54.00	-1.25	21.10	3	Vertical	34	1.00	-	27.84	3.81	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2467MHz_TX

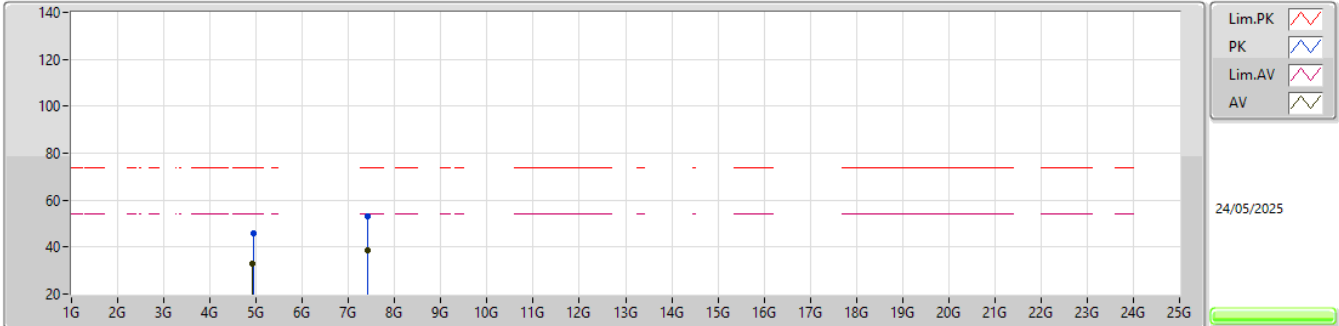


EUT_Z_2TX
 Setting 16.25(S0-1.5)
 01-U-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	2.4666G	106.74	Inf	-Inf	75.32	3	Horizontal	144	2.77	-	27.63	3.79	-			
AV	2.468G	93.05	Inf	-Inf	61.60	3	Horizontal	144	2.77	-	27.66	3.79	-			
PK	2.4854G	69.78	74.00	-4.22	38.12	3	Horizontal	144	2.77	-	27.85	3.81	-			
AV	2.4835G	49.33	54.00	-4.67	17.68	3	Horizontal	144	2.77	-	27.84	3.81	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2467MHz_TX

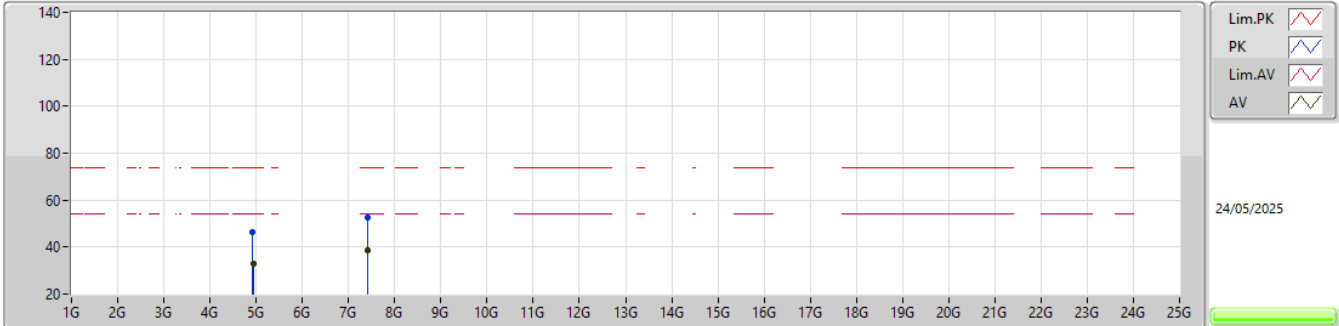


EUT_Z_2TX
 Setting 16.25(S0-1.5)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.93454G	46.09	74.00	-27.91	39.12	3	Vertical	31	1.96	-	32.97	6.58	32.58				
AV	4.92092G	33.03	54.00	-20.97	26.11	3	Vertical	31	1.96	-	32.94	6.56	32.58				
PK	7.41354G	53.10	74.00	-20.90	40.10	3	Vertical	305	1.60	-	37.57	8.02	32.59				
AV	7.40724G	38.76	54.00	-15.24	25.76	3	Vertical	305	1.60	-	37.59	8.01	32.60				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2467MHz_TX

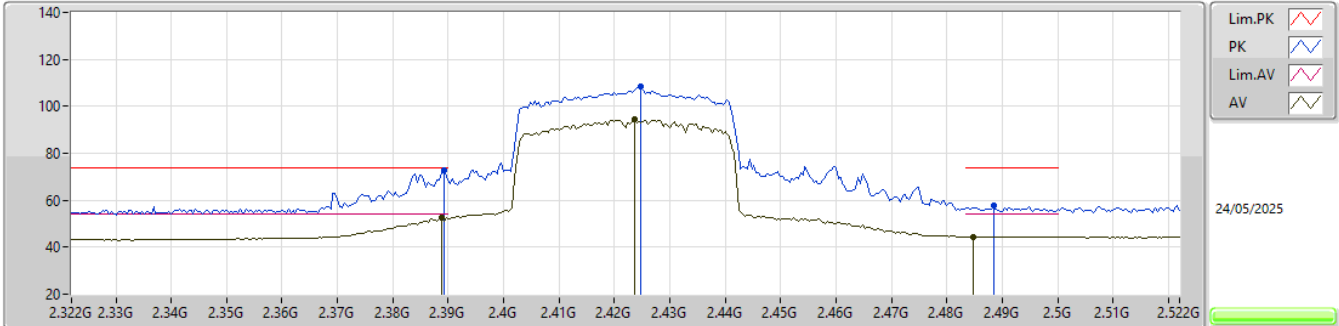


EUT_Z_2TX
 Setting 16.25(S0-1.5)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92638G	46.47	74.00	-27.53	39.53	3	Horizontal	71	1.14	-	32.95	6.57	32.58			
AV	4.9316G	33.09	54.00	-20.91	26.13	3	Horizontal	71	1.14	-	32.96	6.58	32.58			
PK	7.41588G	52.63	74.00	-21.37	39.63	3	Horizontal	127	2.69	-	37.57	8.02	32.59			
AV	7.40868G	38.68	54.00	-15.32	25.68	3	Horizontal	127	2.69	-	37.58	8.01	32.59			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

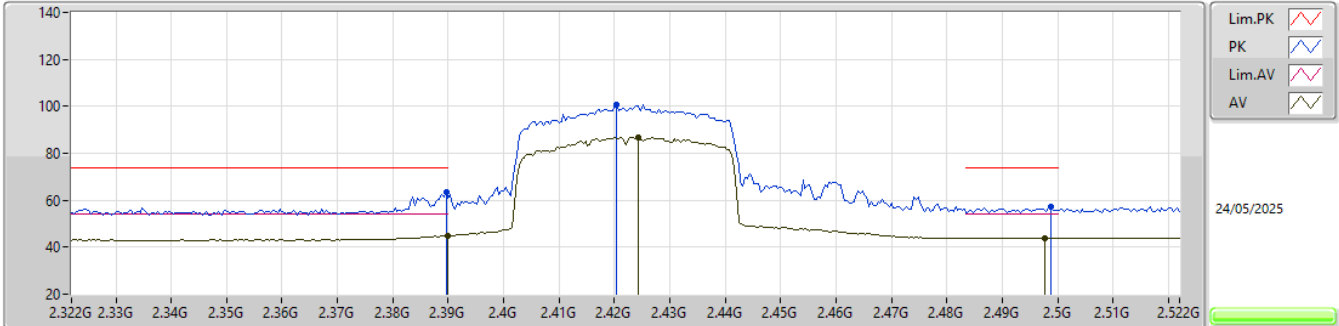


EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3892G	72.83	74.00	-1.17	41.72	3	Vertical	344	1.00	-	27.39	3.72	-			
AV	2.3888G	52.40	54.00	-1.60	21.29	3	Vertical	344	1.00	-	27.39	3.72	-			
PK	2.4248G	108.39	Inf	-Inf	77.19	3	Vertical	344	1.00	-	27.45	3.75	-			
AV	2.4236G	94.64	Inf	-Inf	63.45	3	Vertical	344	1.00	-	27.44	3.75	-			
PK	2.4884G	57.90	74.00	-16.10	26.20	3	Vertical	344	1.00	-	27.88	3.82	-			
AV	2.4848G	44.55	54.00	-9.45	12.89	3	Vertical	344	1.00	-	27.85	3.81	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

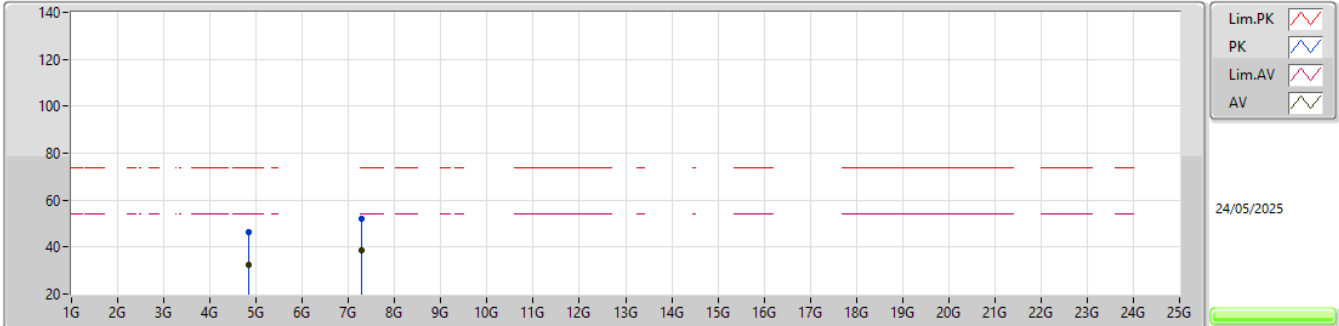


EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	63.20	74.00	-10.80	32.08	3	Horizontal	113	2.72	-	27.40	3.72	-
AV	2.39G	44.86	54.00	-9.14	13.74	3	Horizontal	113	2.72	-	27.40	3.72	-
PK	2.4204G	100.65	Inf	-Inf	69.51	3	Horizontal	113	2.72	-	27.40	3.74	-
AV	2.4244G	86.95	Inf	-Inf	55.76	3	Horizontal	113	2.72	-	27.44	3.75	-
PK	2.4988G	56.99	74.00	-17.01	25.17	3	Horizontal	113	2.72	-	27.99	3.83	-
AV	2.4976G	43.92	54.00	-10.08	12.11	3	Horizontal	113	2.72	-	27.98	3.83	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

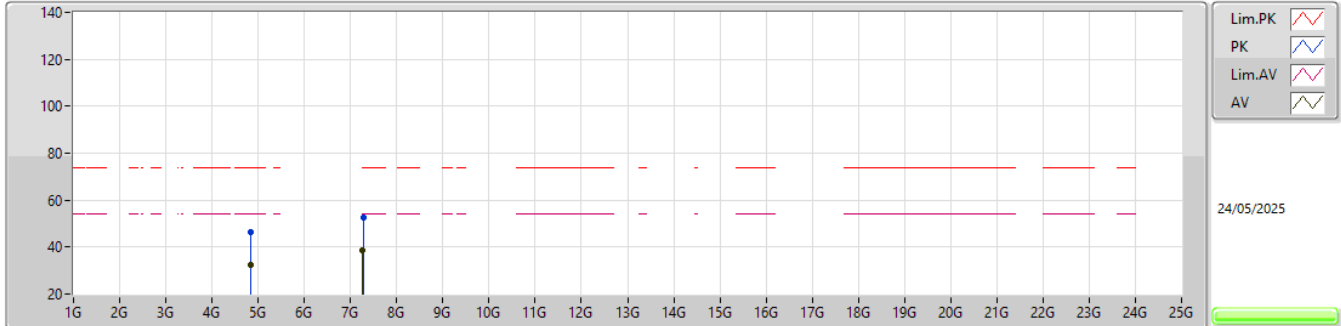


EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.83554G	46.56	74.00	-27.44	40.04	3	Vertical	136	1.79	-	32.64	6.45	32.57				
AV	4.84808G	32.62	54.00	-21.38	26.04	3	Vertical	136	1.79	-	32.69	6.46	32.57				
PK	7.27632G	51.99	74.00	-22.01	39.26	3	Vertical	18	1.25	-	37.41	7.96	32.64				
AV	7.27116G	38.78	54.00	-15.22	26.09	3	Vertical	18	1.25	-	37.38	7.96	32.65				

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX



EUT_Z_2TX
 Setting 16.5(S0-1.5)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.83134G	46.15	74.00	-27.85	39.65	3	Horizontal	250	2.51	-	32.63	6.44	32.57				
AV	4.84904G	32.64	54.00	-21.36	26.04	3	Horizontal	250	2.51	-	32.70	6.47	32.57				
PK	7.27014G	52.77	74.00	-21.23	40.08	3	Horizontal	317	2.70	-	37.38	7.96	32.65				
AV	7.26906G	38.71	54.00	-15.29	26.02	3	Horizontal	317	2.70	-	37.38	7.96	32.65				



RSE TX above 1GHz
<Partial RU> RU 26_Ant. 5 (1TX)

Appendix A.4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX	Pass	AV	7.33628G	50.84	54.00	-3.16	3	Vertical	184	1.80	-



RSE TX above 1GHz
<Partial RU> RU 26_Ant. 5 (1TX)

Appendix A.4

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3874G	63.38	74.00	-10.62	3	Vertical	246	1.80	-
2412MHz	Pass	AV	2.3874G	49.00	54.00	-5.00	3	Vertical	246	1.80	-
2412MHz	Pass	PK	2.4038G	115.64	Inf	-Inf	3	Vertical	246	1.80	-
2412MHz	Pass	AV	2.4038G	104.87	Inf	-Inf	3	Vertical	246	1.80	-
2412MHz	Pass	PK	2.3896G	62.25	74.00	-11.75	3	Horizontal	221	2.90	-
2412MHz	Pass	AV	2.363G	48.87	54.00	-5.13	3	Horizontal	221	2.90	-
2412MHz	Pass	PK	2.4038G	113.45	Inf	-Inf	3	Horizontal	221	2.90	-
2412MHz	Pass	AV	2.4038G	102.89	Inf	-Inf	3	Horizontal	221	2.90	-
2412MHz	Pass	PK	4.83456G	43.98	74.00	-30.02	3	Vertical	17	1.20	-
2412MHz	Pass	AV	4.86272G	32.13	54.00	-21.87	3	Vertical	17	1.20	-
2412MHz	Pass	PK	4.836G	44.42	74.00	-29.58	3	Horizontal	192	1.95	-
2412MHz	Pass	AV	4.86G	32.10	54.00	-21.90	3	Horizontal	192	1.95	-
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	2.3622G	61.96	74.00	-12.04	3	Vertical	102	2.12	-
2437MHz	Pass	AV	2.337G	48.83	54.00	-5.17	3	Vertical	102	2.12	-
2437MHz	Pass	PK	2.4458G	112.17	Inf	-Inf	3	Vertical	102	2.12	-
2437MHz	Pass	AV	2.445G	103.64	Inf	-Inf	3	Vertical	102	2.12	-
2437MHz	Pass	PK	2.4878G	62.48	74.00	-11.52	3	Vertical	102	2.12	-
2437MHz	Pass	AV	2.4894G	49.19	54.00	-4.81	3	Vertical	102	2.12	-
2437MHz	Pass	PK	2.347G	60.97	74.00	-13.03	3	Horizontal	103	2.11	-
2437MHz	Pass	AV	2.337G	48.83	54.00	-5.17	3	Horizontal	103	2.11	-
2437MHz	Pass	PK	2.4458G	111.97	Inf	-Inf	3	Horizontal	103	2.11	-
2437MHz	Pass	AV	2.445G	103.45	Inf	-Inf	3	Horizontal	103	2.11	-
2437MHz	Pass	PK	2.4978G	61.45	74.00	-12.55	3	Horizontal	103	2.11	-
2437MHz	Pass	AV	2.4846G	49.39	54.00	-4.61	3	Horizontal	103	2.11	-
2437MHz	Pass	PK	4.88984G	51.31	74.00	-22.69	3	Vertical	358	1.80	-
2437MHz	Pass	AV	4.8908G	39.35	54.00	-14.65	3	Vertical	358	1.80	-
2437MHz	Pass	PK	7.3374G	64.09	74.00	-9.91	3	Vertical	184	1.80	-
2437MHz	Pass	AV	7.33628G	50.84	54.00	-3.16	3	Vertical	184	1.80	-
2437MHz	Pass	PK	4.88984G	48.41	74.00	-25.59	3	Horizontal	169	3.00	-
2437MHz	Pass	AV	4.8908G	36.33	54.00	-17.67	3	Horizontal	169	3.00	-
2437MHz	Pass	PK	7.33484G	61.69	74.00	-12.31	3	Horizontal	162	2.75	-
2437MHz	Pass	AV	7.33596G	48.22	54.00	-5.78	3	Horizontal	162	2.75	-
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX	-	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	2.47G	116.37	Inf	-Inf	3	Vertical	230	1.01	-
2462MHz	Pass	AV	2.47G	105.52	Inf	-Inf	3	Vertical	230	1.01	-
2462MHz	Pass	PK	2.4842G	70.36	74.00	-3.64	3	Vertical	230	1.01	-
2462MHz	Pass	AV	2.4874G	50.27	54.00	-3.73	3	Vertical	230	1.01	-
2462MHz	Pass	PK	2.47G	106.40	Inf	-Inf	3	Horizontal	121	1.00	-
2462MHz	Pass	AV	2.47G	95.56	Inf	-Inf	3	Horizontal	121	1.00	-
2462MHz	Pass	PK	2.4842G	62.79	74.00	-11.21	3	Horizontal	121	1.00	-
2462MHz	Pass	AV	2.4892G	49.47	54.00	-4.53	3	Horizontal	121	1.00	-
2462MHz	Pass	PK	4.92736G	44.95	74.00	-29.05	3	Vertical	41	1.86	-
2462MHz	Pass	AV	4.94352G	32.73	54.00	-21.27	3	Vertical	41	1.86	-
2462MHz	Pass	PK	7.41336G	52.27	74.00	-21.73	3	Vertical	134	1.09	-
2462MHz	Pass	AV	7.39704G	39.63	54.00	-14.37	3	Vertical	134	1.09	-
2462MHz	Pass	PK	4.9464G	45.87	74.00	-28.13	3	Horizontal	40	1.00	-
2462MHz	Pass	AV	4.94608G	32.71	54.00	-21.29	3	Horizontal	40	1.00	-
2462MHz	Pass	PK	7.37096G	51.57	74.00	-22.43	3	Horizontal	241	2.89	-
2462MHz	Pass	AV	7.38344G	39.67	54.00	-14.33	3	Horizontal	241	2.89	-
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX	-	-	-	-	-	-	-	-	-	-	-
2467MHz	Pass	PK	2.4748G	112.26	Inf	-Inf	3	Vertical	231	1.24	-
2467MHz	Pass	AV	2.475G	101.63	Inf	-Inf	3	Vertical	231	1.24	-
2467MHz	Pass	PK	2.4835G	70.75	74.00	-3.25	3	Vertical	231	1.24	-
2467MHz	Pass	AV	2.4906G	49.76	54.00	-4.24	3	Vertical	231	1.24	-
2467MHz	Pass	PK	2.475G	101.61	Inf	-Inf	3	Horizontal	103	2.31	-
2467MHz	Pass	AV	2.475G	91.16	Inf	-Inf	3	Horizontal	103	2.31	-
2467MHz	Pass	PK	2.4886G	61.75	74.00	-12.25	3	Horizontal	103	2.31	-
2467MHz	Pass	AV	2.4894G	49.19	54.00	-4.81	3	Horizontal	103	2.31	-
2467MHz	Pass	PK	4.9308G	44.63	74.00	-29.37	3	Vertical	114	1.55	-



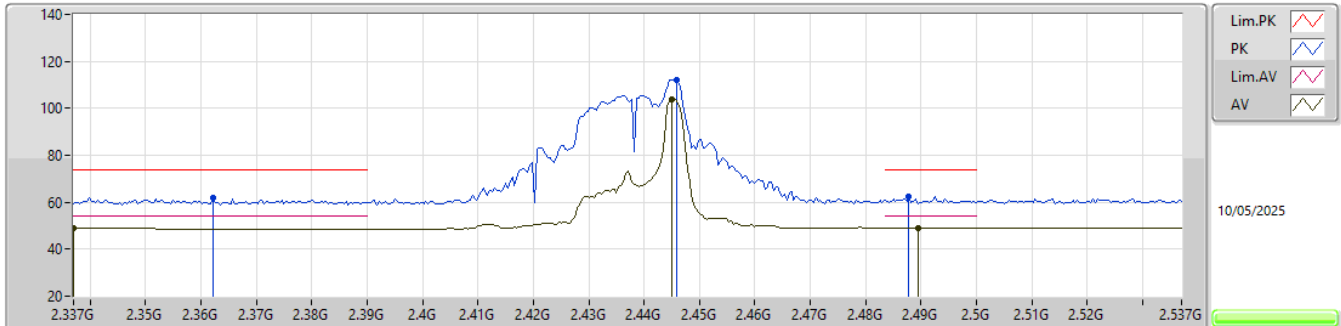
RSE TX above 1GHz
<Partial RU> RU 26_Ant. 5 (1TX)

Appendix A.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	AV	4.94344G	32.69	54.00	-21.31	3	Vertical	114	1.55	-
2467MHz	Pass	PK	7.43764G	52.45	74.00	-21.55	3	Vertical	283	2.66	-
2467MHz	Pass	AV	7.38004G	39.63	54.00	-14.37	3	Vertical	283	2.66	-
2467MHz	Pass	PK	4.93112G	45.35	74.00	-28.65	3	Horizontal	38	2.83	-
2467MHz	Pass	AV	4.94408G	32.70	54.00	-21.30	3	Horizontal	38	2.83	-
2467MHz	Pass	PK	7.38436G	51.53	74.00	-22.47	3	Horizontal	255	2.66	-
2467MHz	Pass	AV	7.3802G	39.60	54.00	-14.40	3	Horizontal	255	2.66	-
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX											
2472MHz	Pass	PK	2.481G	103.85	Inf	-Inf	3	Vertical	220	1.01	-
2472MHz	Pass	AV	2.48G	92.77	Inf	-Inf	3	Vertical	220	1.01	-
2472MHz	Pass	PK	2.4835G	68.83	74.00	-5.17	3	Vertical	220	1.01	-
2472MHz	Pass	AV	2.4835G	49.66	54.00	-4.34	3	Vertical	220	1.01	-
2472MHz	Pass	PK	2.4798G	93.01	Inf	-Inf	3	Horizontal	122	1.00	-
2472MHz	Pass	AV	2.48G	80.84	Inf	-Inf	3	Horizontal	122	1.00	-
2472MHz	Pass	PK	2.4918G	61.32	74.00	-12.68	3	Horizontal	122	1.00	-
2472MHz	Pass	AV	2.4886G	49.46	54.00	-4.54	3	Horizontal	122	1.00	-
2472MHz	Pass	PK	4.9592G	45.86	74.00	-28.14	3	Vertical	311	1.76	-
2472MHz	Pass	AV	4.9896G	33.08	54.00	-20.92	3	Vertical	311	1.76	-
2472MHz	Pass	PK	7.392G	52.75	74.00	-21.25	3	Vertical	29	2.80	-
2472MHz	Pass	AV	7.4656G	40.57	54.00	-13.43	3	Vertical	29	2.80	-
2472MHz	Pass	PK	4.926G	45.34	74.00	-28.66	3	Horizontal	181	2.19	-
2472MHz	Pass	AV	4.9448G	33.06	54.00	-20.94	3	Horizontal	181	2.19	-
2472MHz	Pass	PK	7.424G	52.46	74.00	-21.54	3	Horizontal	58	1.75	-
2472MHz	Pass	AV	7.462G	40.44	54.00	-13.56	3	Horizontal	58	1.75	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2437MHz_TX

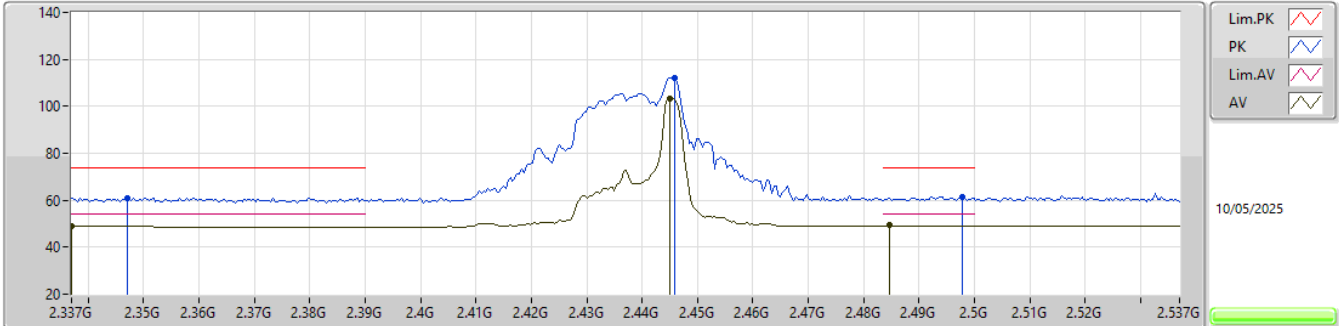


EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3622G	61.96	74.00	-12.04	28.75	3	Vertical	102	2.12	-	27.60	5.61	-			
AV	2.337G	48.83	54.00	-5.17	15.51	3	Vertical	102	2.12	-	27.73	5.59	-			
PK	2.4458G	112.17	Inf	-Inf	78.99	3	Vertical	102	2.12	-	27.50	5.68	-			
AV	2.445G	103.64	Inf	-Inf	70.46	3	Vertical	102	2.12	-	27.50	5.68	-			
PK	2.4878G	62.48	74.00	-11.52	29.11	3	Vertical	102	2.12	-	27.66	5.71	-			
AV	2.4894G	49.19	54.00	-4.81	15.78	3	Vertical	102	2.12	-	27.69	5.72	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2437MHz_TX

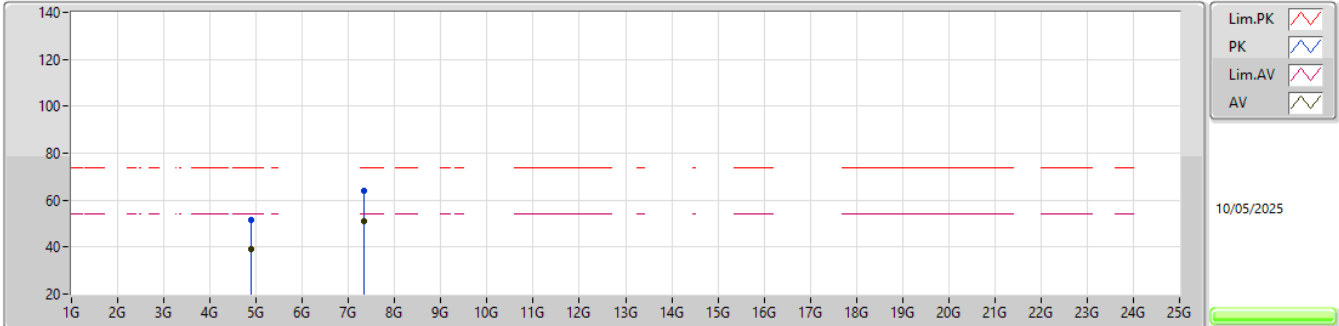


EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	2.347G	60.97	74.00	-13.03	27.68	3	Horizontal	103	2.11	-	27.70	5.59	-					
AV	2.337G	48.83	54.00	-5.17	15.51	3	Horizontal	103	2.11	-	27.73	5.59	-					
PK	2.4458G	111.97	Inf	-Inf	78.79	3	Horizontal	103	2.11	-	27.50	5.68	-					
AV	2.445G	103.45	Inf	-Inf	70.27	3	Horizontal	103	2.11	-	27.50	5.68	-					
PK	2.4978G	61.45	74.00	-12.55	28.11	3	Horizontal	103	2.11	-	27.62	5.72	-					
AV	2.4846G	49.39	54.00	-4.61	16.09	3	Horizontal	103	2.11	-	27.59	5.71	-					

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2437MHz_TX

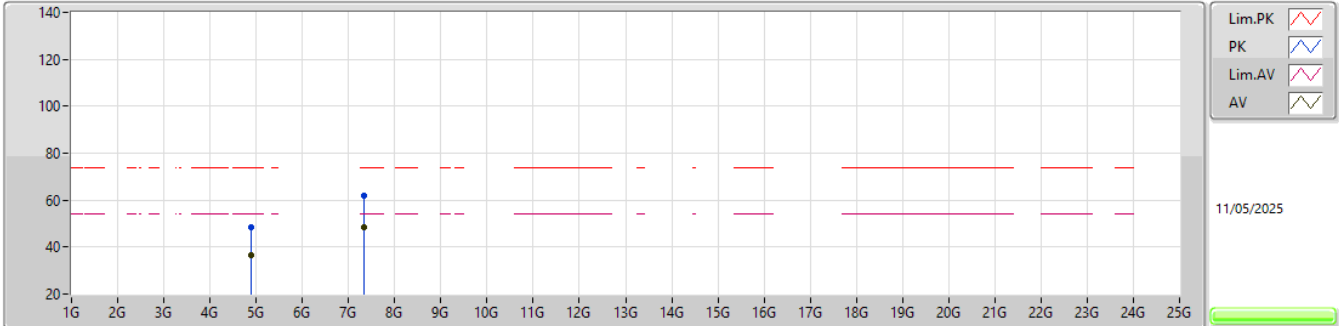


EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88984G	51.31	74.00	-22.69	55.81	3	Vertical	358	1.80	-	31.30	8.19	43.99				
AV	4.8908G	39.35	54.00	-14.65	43.83	3	Vertical	358	1.80	-	31.30	8.20	43.98				
PK	7.3374G	64.09	74.00	-9.91	60.03	3	Vertical	184	1.80	-	36.20	10.40	42.54				
AV	7.33628G	50.84	54.00	-3.16	46.78	3	Vertical	184	1.80	-	36.20	10.40	42.54				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2437MHz_TX



EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88984G	48.41	74.00	-25.59	52.91	3	Horizontal	169	3.00	-	31.30	8.19	43.99			
AV	4.8908G	36.33	54.00	-17.67	40.81	3	Horizontal	169	3.00	-	31.30	8.20	43.98			
PK	7.33484G	61.69	74.00	-12.31	57.63	3	Horizontal	162	2.75	-	36.20	10.40	42.54			
AV	7.33596G	48.22	54.00	-5.78	44.16	3	Horizontal	162	2.75	-	36.20	10.40	42.54			



RSE TX above 1GHz
<Partial RU> RU 52_Ant. 5 (1TX)

Appendix A.5

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX	Pass	AV	2.4835G	53.98	54.00	-0.02	3	Vertical	230	1.25	-



RSE TX above 1GHz
<Partial RU> RU 52_Ant. 5 (1TX)

Appendix A.5

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.388G	68.20	74.00	-5.80	3	Vertical	243	1.80	-
2412MHz	Pass	AV	2.3894G	53.16	54.00	-0.84	3	Vertical	243	1.80	-
2412MHz	Pass	PK	2.4062G	114.46	Inf	-Inf	3	Vertical	243	1.80	-
2412MHz	Pass	AV	2.4058G	104.52	Inf	-Inf	3	Vertical	243	1.80	-
2412MHz	Pass	PK	2.3884G	67.47	74.00	-6.53	3	Horizontal	222	2.89	-
2412MHz	Pass	AV	2.3896G	53.66	54.00	-0.34	3	Horizontal	222	2.89	-
2412MHz	Pass	PK	2.4062G	113.24	Inf	-Inf	3	Horizontal	222	2.89	-
2412MHz	Pass	AV	2.4058G	103.21	Inf	-Inf	3	Horizontal	222	2.89	-
2412MHz	Pass	PK	4.7968G	44.66	74.00	-29.34	3	Vertical	349	1.77	-
2412MHz	Pass	AV	4.812G	34.57	54.00	-19.43	3	Vertical	349	1.77	-
2412MHz	Pass	PK	4.8512G	44.88	74.00	-29.12	3	Horizontal	6	1.65	-
2412MHz	Pass	AV	4.82576G	34.65	54.00	-19.35	3	Horizontal	6	1.65	-
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	2.345G	61.94	74.00	-12.06	3	Vertical	230	1.25	-
2437MHz	Pass	AV	2.3822G	51.20	54.00	-2.80	3	Vertical	230	1.25	-
2437MHz	Pass	PK	2.4434G	118.22	Inf	-Inf	3	Vertical	230	1.25	-
2437MHz	Pass	AV	2.443G	111.52	Inf	-Inf	3	Vertical	230	1.25	-
2437MHz	Pass	PK	2.485G	66.59	74.00	-7.41	3	Vertical	230	1.25	-
2437MHz	Pass	AV	2.4835G	53.98	54.00	-0.02	3	Vertical	230	1.25	-
2437MHz	Pass	PK	2.3438G	61.69	74.00	-12.31	3	Horizontal	101	2.09	-
2437MHz	Pass	AV	2.345G	51.10	54.00	-2.90	3	Horizontal	101	2.09	-
2437MHz	Pass	PK	2.4434G	109.04	Inf	-Inf	3	Horizontal	101	2.09	-
2437MHz	Pass	AV	2.443G	102.32	Inf	-Inf	3	Horizontal	101	2.09	-
2437MHz	Pass	PK	2.4906G	62.04	74.00	-11.96	3	Horizontal	101	2.09	-
2437MHz	Pass	AV	2.4874G	51.26	54.00	-2.74	3	Horizontal	101	2.09	-
2437MHz	Pass	PK	4.88792G	51.28	74.00	-22.72	3	Vertical	4	2.92	-
2437MHz	Pass	AV	4.8884G	41.94	54.00	-12.06	3	Vertical	4	2.92	-
2437MHz	Pass	PK	7.33212G	60.24	74.00	-13.76	3	Vertical	187	1.80	-
2437MHz	Pass	AV	7.33228G	50.82	54.00	-3.18	3	Vertical	187	1.80	-
2437MHz	Pass	PK	4.88904G	47.21	74.00	-26.79	3	Horizontal	171	2.96	-
2437MHz	Pass	AV	4.88904G	37.11	54.00	-16.89	3	Horizontal	171	2.96	-
2437MHz	Pass	PK	7.33148G	60.78	74.00	-13.22	3	Horizontal	160	2.26	-
2437MHz	Pass	AV	7.3318G	51.04	54.00	-2.96	3	Horizontal	160	2.26	-
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX	-	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	2.4682G	113.49	Inf	-Inf	3	Vertical	228	1.01	-
2462MHz	Pass	AV	2.468G	106.35	Inf	-Inf	3	Vertical	228	1.01	-
2462MHz	Pass	PK	2.4836G	71.50	74.00	-2.50	3	Vertical	228	1.01	-
2462MHz	Pass	AV	2.4836G	53.98	54.00	-0.02	3	Vertical	228	1.01	-
2462MHz	Pass	PK	2.4682G	104.65	Inf	-Inf	3	Horizontal	129	2.86	-
2462MHz	Pass	AV	2.468G	97.51	Inf	-Inf	3	Horizontal	129	2.86	-
2462MHz	Pass	PK	2.4836G	65.55	74.00	-8.45	3	Horizontal	129	2.86	-
2462MHz	Pass	AV	2.4878G	51.50	54.00	-2.50	3	Horizontal	129	2.86	-
2462MHz	Pass	PK	4.88704G	45.30	74.00	-28.70	3	Vertical	251	1.31	-
2462MHz	Pass	AV	4.88816G	35.23	54.00	-18.77	3	Vertical	251	1.31	-
2462MHz	Pass	PK	7.38648G	52.29	74.00	-21.71	3	Vertical	19	1.46	-
2462MHz	Pass	AV	7.39224G	41.91	54.00	-12.09	3	Vertical	19	1.46	-
2462MHz	Pass	PK	4.88784G	45.50	74.00	-28.50	3	Horizontal	164	1.32	-
2462MHz	Pass	AV	4.88736G	35.15	54.00	-18.85	3	Horizontal	164	1.32	-
2462MHz	Pass	PK	7.35464G	52.49	74.00	-21.51	3	Horizontal	23	1.44	-
2462MHz	Pass	AV	7.38136G	42.03	54.00	-11.97	3	Horizontal	23	1.44	-
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX	-	-	-	-	-	-	-	-	-	-	-
2467MHz	Pass	PK	2.4732G	108.93	Inf	-Inf	3	Vertical	229	1.35	-
2467MHz	Pass	AV	2.473G	101.83	Inf	-Inf	3	Vertical	229	1.35	-
2467MHz	Pass	PK	2.4835G	70.92	74.00	-3.08	3	Vertical	229	1.35	-
2467MHz	Pass	AV	2.4844G	52.72	54.00	-1.28	3	Vertical	229	1.35	-
2467MHz	Pass	PK	2.4732G	98.64	Inf	-Inf	3	Horizontal	121	1.00	-
2467MHz	Pass	AV	2.473G	91.57	Inf	-Inf	3	Horizontal	121	1.00	-
2467MHz	Pass	PK	2.4844G	63.95	74.00	-10.05	3	Horizontal	121	1.00	-
2467MHz	Pass	AV	2.489G	51.53	54.00	-2.47	3	Horizontal	121	1.00	-
2467MHz	Pass	PK	4.94712G	48.51	74.00	-25.49	3	Vertical	288	2.52	-



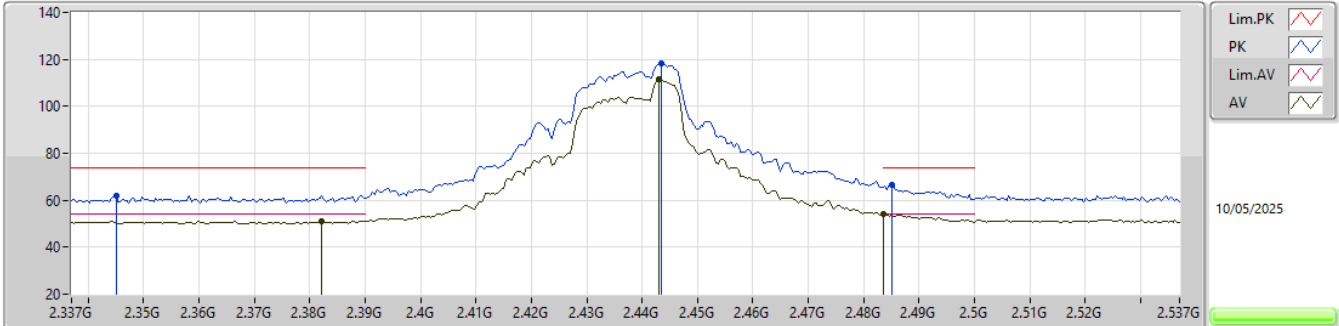
RSE TX above 1GHz
<Partial RU> RU 52_Ant. 5 (1TX)

Appendix A.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	AV	4.94872G	38.11	54.00	-15.89	3	Vertical	288	2.52	-
2467MHz	Pass	PK	7.42212G	53.55	74.00	-20.45	3	Vertical	128	1.37	-
2467MHz	Pass	AV	7.42116G	42.38	54.00	-11.62	3	Vertical	128	1.37	-
2467MHz	Pass	PK	4.9484G	46.95	74.00	-27.05	3	Horizontal	157	1.73	-
2467MHz	Pass	AV	4.94824G	38.18	54.00	-15.82	3	Horizontal	157	1.73	-
2467MHz	Pass	PK	7.39556G	54.68	74.00	-19.32	3	Horizontal	53	2.57	-
2467MHz	Pass	AV	7.42212G	45.59	54.00	-8.41	3	Horizontal	53	2.57	-
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX	-	-	-	-	-	-	-	-	-	-	-
2472MHz	Pass	PK	2.4798G	105.81	Inf	-Inf	3	Vertical	215	1.02	-
2472MHz	Pass	AV	2.4782G	99.49	Inf	-Inf	3	Vertical	215	1.02	-
2472MHz	Pass	PK	2.4835G	73.45	74.00	-0.55	3	Vertical	215	1.02	-
2472MHz	Pass	AV	2.4835G	53.27	54.00	-0.73	3	Vertical	215	1.02	-
2472MHz	Pass	PK	2.4786G	94.47	Inf	-Inf	3	Horizontal	133	2.78	-
2472MHz	Pass	AV	2.4782G	87.31	Inf	-Inf	3	Horizontal	133	2.78	-
2472MHz	Pass	PK	2.4844G	65.25	74.00	-8.75	3	Horizontal	133	2.78	-
2472MHz	Pass	AV	2.4954G	51.23	54.00	-2.77	3	Horizontal	133	2.78	-
2472MHz	Pass	PK	4.97824G	47.52	74.00	-26.48	3	Vertical	106	1.80	-
2472MHz	Pass	AV	4.98368G	35.79	54.00	-18.21	3	Vertical	106	1.80	-
2472MHz	Pass	PK	7.39376G	52.81	74.00	-21.19	3	Vertical	55	1.80	-
2472MHz	Pass	AV	7.39072G	42.25	54.00	-11.75	3	Vertical	55	1.80	-
2472MHz	Pass	PK	4.92176G	45.14	74.00	-28.86	3	Horizontal	129	2.85	-
2472MHz	Pass	AV	4.93344G	35.26	54.00	-18.74	3	Horizontal	129	2.85	-
2472MHz	Pass	PK	7.39552G	52.79	74.00	-21.21	3	Horizontal	342	1.84	-
2472MHz	Pass	AV	7.40624G	42.21	54.00	-11.79	3	Horizontal	342	1.84	-

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2437MHz_TX

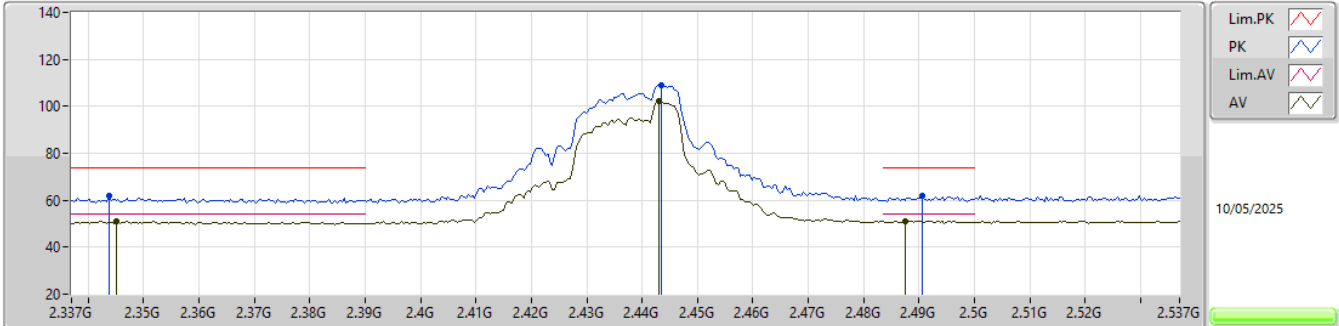


EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.345G	61.94	74.00	-12.06	28.65	3	Vertical	230	1.25	-	27.70	5.59	-			
AV	2.3822G	51.20	54.00	-2.80	18.08	3	Vertical	230	1.25	-	27.50	5.62	-			
PK	2.4434G	118.22	Inf	-Inf	85.04	3	Vertical	230	1.25	-	27.50	5.68	-			
AV	2.443G	111.52	Inf	-Inf	78.34	3	Vertical	230	1.25	-	27.50	5.68	-			
PK	2.485G	66.59	74.00	-7.41	33.28	3	Vertical	230	1.25	-	27.60	5.71	-			
AV	2.4835G	53.98	54.00	-0.02	20.70	3	Vertical	230	1.25	-	27.57	5.71	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2437MHz_TX

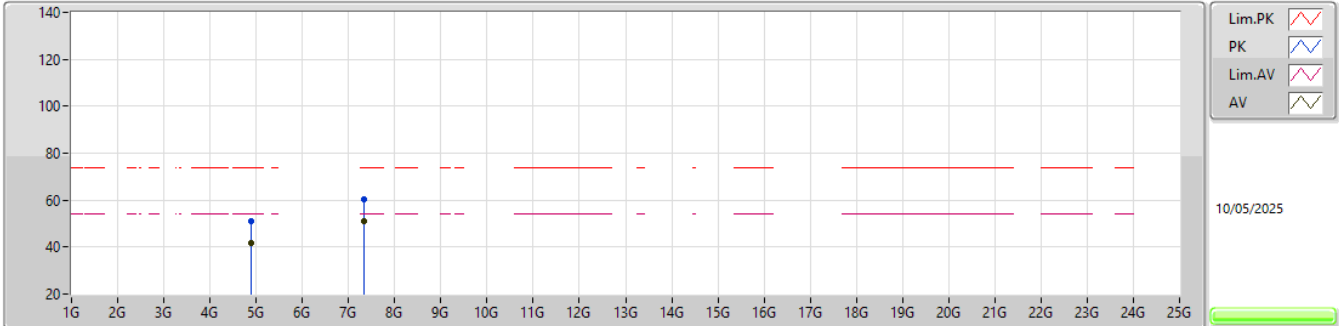


EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3438G	61.69	74.00	-12.31	28.40	3	Horizontal	101	2.09	-	27.70	5.59	-			
AV	2.345G	51.10	54.00	-2.90	17.81	3	Horizontal	101	2.09	-	27.70	5.59	-			
PK	2.4434G	109.04	Inf	-Inf	75.86	3	Horizontal	101	2.09	-	27.50	5.68	-			
AV	2.443G	102.32	Inf	-Inf	69.14	3	Horizontal	101	2.09	-	27.50	5.68	-			
PK	2.4906G	62.04	74.00	-11.96	28.63	3	Horizontal	101	2.09	-	27.69	5.72	-			
AV	2.4874G	51.26	54.00	-2.74	17.90	3	Horizontal	101	2.09	-	27.65	5.71	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2437MHz_TX

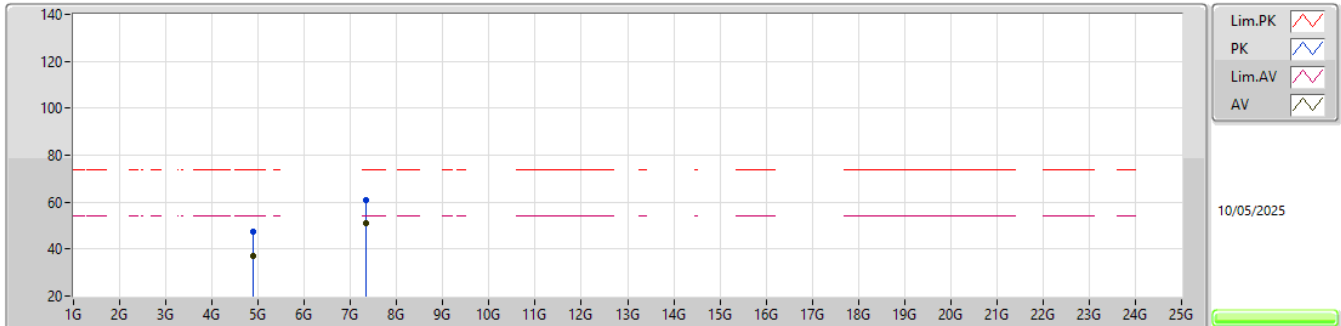


EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88792G	51.28	74.00	-22.72	55.78	3	Vertical	4	2.92	-	31.30	8.19	43.99				
AV	4.8884G	41.94	54.00	-12.06	46.44	3	Vertical	4	2.92	-	31.30	8.19	43.99				
PK	7.33212G	60.24	74.00	-13.76	56.18	3	Vertical	187	1.80	-	36.20	10.40	42.54				
AV	7.33228G	50.82	54.00	-3.18	46.76	3	Vertical	187	1.80	-	36.20	10.40	42.54				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2437MHz_TX



EUT_Z_1TX
 Setting 23.5
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88904G	47.21	74.00	-26.79	51.71	3	Horizontal	171	2.96	-	31.30	8.19	43.99				
AV	4.88904G	37.11	54.00	-16.89	41.61	3	Horizontal	171	2.96	-	31.30	8.19	43.99				
PK	7.33148G	60.78	74.00	-13.22	56.72	3	Horizontal	160	2.26	-	36.20	10.40	42.54				
AV	7.3318G	51.04	54.00	-2.96	46.98	3	Horizontal	160	2.26	-	36.20	10.40	42.54				



RSE TX above 1GHz
<Partial RU> RU 106_Ant. 5 (1TX)

Appendix A.6

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX	Pass	AV	2.4835G	53.98	54.00	-0.02	3	Vertical	232	1.01	-



RSE TX above 1GHz
<Partial RU> RU 106_Ant. 5 (1TX)

Appendix A.6

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3884G	66.85	74.00	-7.15	3	Vertical	228	1.20	-
2412MHz	Pass	AV	2.39G	52.98	54.00	-1.02	3	Vertical	228	1.20	-
2412MHz	Pass	PK	2.409G	114.01	Inf	-Inf	3	Vertical	228	1.20	-
2412MHz	Pass	AV	2.4096G	106.33	Inf	-Inf	3	Vertical	228	1.20	-
2412MHz	Pass	PK	2.3878G	65.58	74.00	-8.42	3	Horizontal	220	2.89	-
2412MHz	Pass	AV	2.3896G	52.43	54.00	-1.57	3	Horizontal	220	2.89	-
2412MHz	Pass	PK	2.409G	110.81	Inf	-Inf	3	Horizontal	220	2.89	-
2412MHz	Pass	AV	2.4096G	103.07	Inf	-Inf	3	Horizontal	220	2.89	-
2412MHz	Pass	PK	4.84768G	45.28	74.00	-28.72	3	Vertical	25	1.42	-
2412MHz	Pass	AV	4.85744G	34.77	54.00	-19.23	3	Vertical	25	1.42	-
2412MHz	Pass	PK	4.84368G	45.32	74.00	-28.68	3	Horizontal	263	1.28	-
2412MHz	Pass	AV	4.85984G	34.42	54.00	-19.58	3	Horizontal	263	1.28	-
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	2.3894G	62.31	74.00	-11.69	3	Vertical	232	1.01	-
2437MHz	Pass	AV	2.367G	51.13	54.00	-2.87	3	Vertical	232	1.01	-
2437MHz	Pass	PK	2.4398G	117.16	Inf	-Inf	3	Vertical	232	1.01	-
2437MHz	Pass	AV	2.4394G	109.48	Inf	-Inf	3	Vertical	232	1.01	-
2437MHz	Pass	PK	2.485G	66.67	74.00	-7.33	3	Vertical	232	1.01	-
2437MHz	Pass	AV	2.4835G	53.98	54.00	-0.02	3	Vertical	232	1.01	-
2437MHz	Pass	PK	2.353G	61.13	74.00	-12.87	3	Horizontal	129	2.90	-
2437MHz	Pass	AV	2.3422G	50.64	54.00	-3.36	3	Horizontal	129	2.90	-
2437MHz	Pass	PK	2.4406G	109.33	Inf	-Inf	3	Horizontal	129	2.90	-
2437MHz	Pass	AV	2.4394G	101.41	Inf	-Inf	3	Horizontal	129	2.90	-
2437MHz	Pass	PK	2.4854G	61.84	74.00	-12.16	3	Horizontal	129	2.90	-
2437MHz	Pass	AV	2.4898G	51.31	54.00	-2.69	3	Horizontal	129	2.90	-
2437MHz	Pass	PK	4.88008G	49.56	74.00	-24.44	3	Vertical	268	1.80	-
2437MHz	Pass	AV	4.8828G	39.13	54.00	-14.87	3	Vertical	268	1.80	-
2437MHz	Pass	PK	7.32172G	60.56	74.00	-13.44	3	Vertical	183	1.80	-
2437MHz	Pass	AV	7.32076G	50.58	54.00	-3.42	3	Vertical	183	1.80	-
2437MHz	Pass	PK	4.88024G	46.82	74.00	-27.18	3	Horizontal	153	1.80	-
2437MHz	Pass	AV	4.8812G	36.28	54.00	-17.72	3	Horizontal	153	1.80	-
2437MHz	Pass	PK	7.32108G	60.07	74.00	-13.93	3	Horizontal	163	2.31	-
2437MHz	Pass	AV	7.32076G	49.62	54.00	-4.38	3	Horizontal	163	2.31	-
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX	-	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	2.47G	116.17	Inf	-Inf	3	Vertical	300	1.01	-
2462MHz	Pass	AV	2.47G	104.23	Inf	-Inf	3	Vertical	300	1.01	-
2462MHz	Pass	PK	2.4835G	69.05	74.00	-4.95	3	Vertical	300	1.01	-
2462MHz	Pass	AV	2.4872G	45.99	54.00	-8.01	3	Vertical	300	1.01	-
2462MHz	Pass	PK	2.4698G	111.46	Inf	-Inf	3	Horizontal	223	2.93	-
2462MHz	Pass	AV	2.47G	99.62	Inf	-Inf	3	Horizontal	223	2.93	-
2462MHz	Pass	PK	2.4846G	64.98	74.00	-9.02	3	Horizontal	223	2.93	-
2462MHz	Pass	AV	2.4874G	44.63	54.00	-9.37	3	Horizontal	223	2.93	-
2462MHz	Pass	PK	4.94032G	47.13	74.00	-26.87	3	Vertical	92	1.80	-
2462MHz	Pass	AV	4.94068G	33.44	54.00	-20.56	3	Vertical	92	1.80	-
2462MHz	Pass	PK	7.40508G	52.32	74.00	-21.68	3	Vertical	49	2.00	-
2462MHz	Pass	AV	7.41012G	38.66	54.00	-15.34	3	Vertical	49	2.00	-
2462MHz	Pass	PK	4.95388G	46.77	74.00	-27.23	3	Horizontal	339	2.19	-
2462MHz	Pass	AV	4.93324G	32.33	54.00	-21.67	3	Horizontal	339	2.19	-
2462MHz	Pass	PK	7.371G	52.79	74.00	-21.21	3	Horizontal	42	2.94	-
2462MHz	Pass	AV	7.4094G	38.68	54.00	-15.32	3	Horizontal	42	2.94	-
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX	-	-	-	-	-	-	-	-	-	-	-
2467MHz	Pass	PK	2.4696G	110.84	Inf	-Inf	3	Vertical	229	1.01	-
2467MHz	Pass	AV	2.469G	102.31	Inf	-Inf	3	Vertical	229	1.01	-
2467MHz	Pass	PK	2.484G	71.53	74.00	-2.47	3	Vertical	229	1.01	-
2467MHz	Pass	AV	2.4835G	53.63	54.00	-0.37	3	Vertical	229	1.01	-
2467MHz	Pass	PK	2.4698G	100.35	Inf	-Inf	3	Horizontal	121	1.01	-
2467MHz	Pass	AV	2.469G	91.61	Inf	-Inf	3	Horizontal	121	1.01	-
2467MHz	Pass	PK	2.4838G	64.36	74.00	-9.64	3	Horizontal	121	1.01	-
2467MHz	Pass	AV	2.4928G	51.27	54.00	-2.73	3	Horizontal	121	1.01	-
2467MHz	Pass	PK	4.93656G	47.18	74.00	-26.82	3	Vertical	194	2.41	-



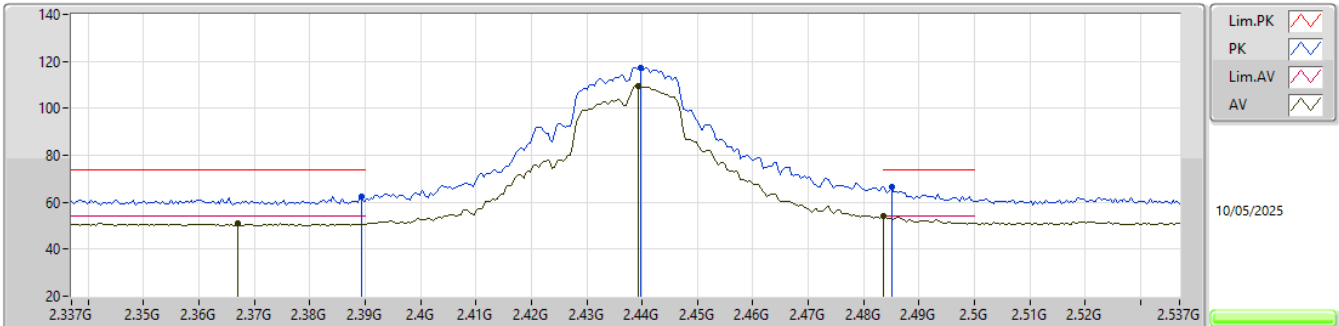
RSE TX above 1GHz
<Partial RU> RU 106_Ant. 5 (1TX)

Appendix A.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	AV	4.93112G	36.72	54.00	-17.28	3	Vertical	194	2.41	-
2467MHz	Pass	PK	7.3962G	55.30	74.00	-18.70	3	Vertical	215	2.12	-
2467MHz	Pass	AV	7.39572G	45.11	54.00	-8.89	3	Vertical	215	2.12	-
2467MHz	Pass	PK	4.93128G	47.06	74.00	-26.94	3	Horizontal	177	2.56	-
2467MHz	Pass	AV	4.93096G	36.72	54.00	-17.28	3	Horizontal	177	2.56	-
2467MHz	Pass	PK	7.3962G	55.32	74.00	-18.68	3	Horizontal	121	1.25	-
2467MHz	Pass	AV	7.39764G	44.66	54.00	-9.34	3	Horizontal	121	1.25	-
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX	-	-	-	-	-	-	-	-	-	-	-
2472MHz	Pass	PK	2.4748G	105.19	Inf	-Inf	3	Vertical	228	1.00	-
2472MHz	Pass	AV	2.4744G	96.35	Inf	-Inf	3	Vertical	228	1.00	-
2472MHz	Pass	PK	2.4835G	72.72	74.00	-1.28	3	Vertical	228	1.00	-
2472MHz	Pass	AV	2.4836G	53.45	54.00	-0.55	3	Vertical	228	1.00	-
2472MHz	Pass	PK	2.4746G	96.81	Inf	-Inf	3	Horizontal	129	2.87	-
2472MHz	Pass	AV	2.4742G	87.98	Inf	-Inf	3	Horizontal	129	2.87	-
2472MHz	Pass	PK	2.4844G	65.66	74.00	-8.34	3	Horizontal	129	2.87	-
2472MHz	Pass	AV	2.4882G	51.50	54.00	-2.50	3	Horizontal	129	2.87	-
2472MHz	Pass	PK	4.9602G	45.62	74.00	-28.38	3	Vertical	298	1.76	-
2472MHz	Pass	AV	4.9926G	35.45	54.00	-18.55	3	Vertical	298	1.76	-
2472MHz	Pass	PK	7.3776G	53.13	74.00	-20.87	3	Vertical	90	2.31	-
2472MHz	Pass	AV	7.377G	42.55	54.00	-11.45	3	Vertical	90	2.31	-
2472MHz	Pass	PK	4.9262G	46.04	74.00	-27.96	3	Horizontal	241	1.33	-
2472MHz	Pass	AV	4.9574G	35.26	54.00	-18.74	3	Horizontal	241	1.33	-
2472MHz	Pass	PK	7.3666G	52.52	74.00	-21.48	3	Horizontal	334	2.54	-
2472MHz	Pass	AV	7.3676G	42.42	54.00	-11.58	3	Horizontal	334	2.54	-

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2437MHz_TX

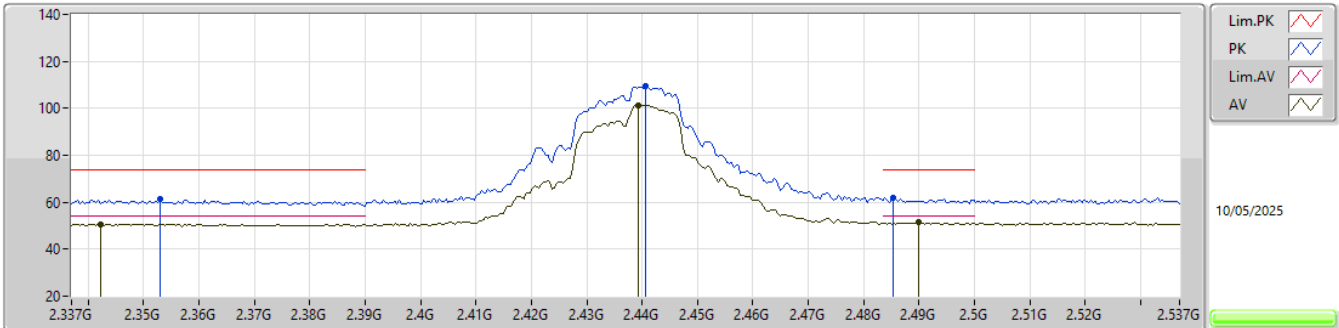


EUT_Z_1TX
 Setting 23
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	62.31	74.00	-11.69	29.18	3	Vertical	232	1.01	-	27.50	5.63	-			
AV	2.367G	51.13	54.00	-2.87	17.92	3	Vertical	232	1.01	-	27.60	5.61	-			
PK	2.4398G	117.16	Inf	-Inf	83.99	3	Vertical	232	1.01	-	27.50	5.67	-			
AV	2.4394G	109.48	Inf	-Inf	76.31	3	Vertical	232	1.01	-	27.50	5.67	-			
PK	2.485G	66.67	74.00	-7.33	33.36	3	Vertical	232	1.01	-	27.60	5.71	-			
AV	2.4835G	53.98	54.00	-0.02	20.70	3	Vertical	232	1.01	-	27.57	5.71	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2437MHz_TX

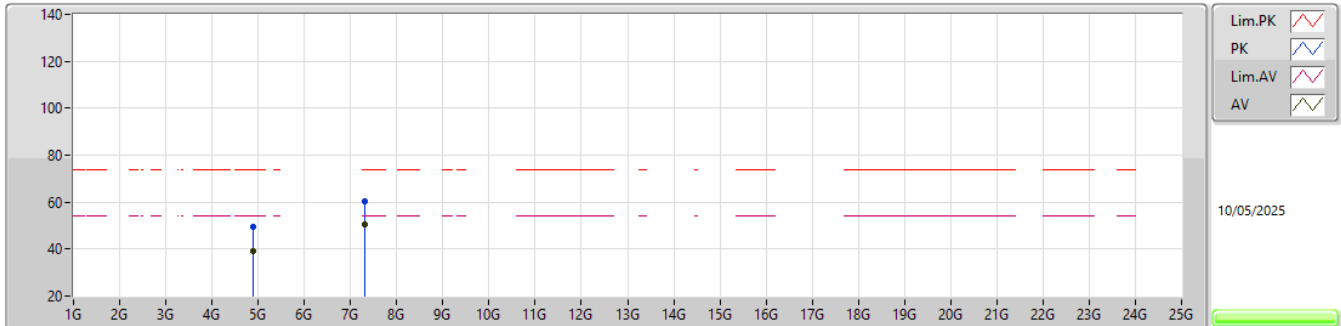


EUT_Z_1TX
 Setting 23
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.353G	61.13	74.00	-12.87	27.86	3	Horizontal	129	2.90	-	27.67	5.60	-			
AV	2.3422G	50.64	54.00	-3.36	17.35	3	Horizontal	129	2.90	-	27.70	5.59	-			
PK	2.4406G	109.33	Inf	-Inf	76.16	3	Horizontal	129	2.90	-	27.50	5.67	-			
AV	2.4394G	101.41	Inf	-Inf	68.24	3	Horizontal	129	2.90	-	27.50	5.67	-			
PK	2.4854G	61.84	74.00	-12.16	28.52	3	Horizontal	129	2.90	-	27.61	5.71	-			
AV	2.4898G	51.31	54.00	-2.69	17.89	3	Horizontal	129	2.90	-	27.70	5.72	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2437MHz_TX

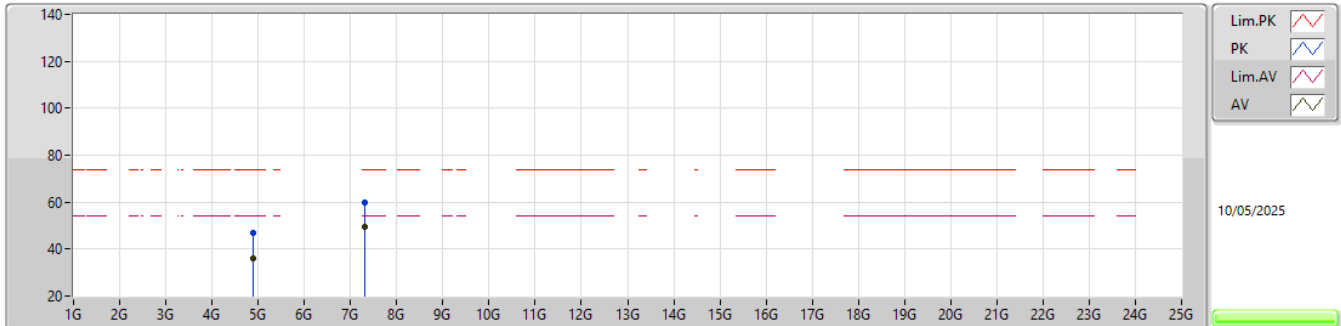


EUT_Z_1TX
 Setting 23
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88008G	49.56	74.00	-24.44	54.07	3	Vertical	268	1.80	-	31.30	8.18	43.99				
AV	4.8828G	39.13	54.00	-14.87	43.63	3	Vertical	268	1.80	-	31.30	8.19	43.99				
PK	7.32172G	60.56	74.00	-13.44	56.52	3	Vertical	183	1.80	-	36.20	10.39	42.55				
AV	7.32076G	50.58	54.00	-3.42	46.54	3	Vertical	183	1.80	-	36.20	10.39	42.55				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2437MHz_TX



EUT_Z_1TX
 Setting 23
 04-I-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88024G	46.82	74.00	-27.18	51.33	3	Horizontal	153	1.80	-	31.30	8.18	43.99				
AV	4.8812G	36.28	54.00	-17.72	40.78	3	Horizontal	153	1.80	-	31.30	8.19	43.99				
PK	7.32108G	60.07	74.00	-13.93	56.03	3	Horizontal	163	2.31	-	36.20	10.39	42.55				
AV	7.32076G	49.62	54.00	-4.38	45.58	3	Horizontal	163	2.31	-	36.20	10.39	42.55				



RSE TX above 1GHz
<Partial RU> RU 26_Ant. 5 (2TX)

Appendix A.7

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1, RU 26, #RU 8_2TX	Pass	PK	2.4835G	68.37	74.00	-5.63	3	Vertical	33	1.01	-



RSE TX above 1GHz
<Partial RU> RU 26_Ant. 5 (2TX)

Appendix A.7

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1_RU 26.#RU 0_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3876G	65.92	74.00	-8.08	3	Vertical	341	1.80	-
2412MHz	Pass	AV	2.3872G	44.21	54.00	-9.79	3	Vertical	341	1.80	-
2412MHz	Pass	PK	2.404G	116.38	Inf	-Inf	3	Vertical	341	1.80	-
2412MHz	Pass	AV	2.4036G	104.17	Inf	-Inf	3	Vertical	341	1.80	-
2412MHz	Pass	PK	2.3882G	59.51	74.00	-14.49	3	Horizontal	108	2.84	-
2412MHz	Pass	AV	2.3878G	43.26	54.00	-10.74	3	Horizontal	108	2.84	-
2412MHz	Pass	PK	2.4038G	110.17	Inf	-Inf	3	Horizontal	108	2.84	-
2412MHz	Pass	AV	2.4038G	97.91	Inf	-Inf	3	Horizontal	108	2.84	-
2412MHz	Pass	PK	4.8078G	49.09	74.00	-24.91	3	Vertical	122	1.80	-
2412MHz	Pass	AV	4.8072G	35.64	54.00	-18.36	3	Vertical	122	1.80	-
2412MHz	Pass	PK	4.8306G	46.29	74.00	-27.71	3	Horizontal	13	2.88	-
2412MHz	Pass	AV	4.80708G	32.75	54.00	-21.25	3	Horizontal	13	2.88	-
802.11ax HEW20_Nss1_RU 26.#RU 8_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	2.365G	58.39	74.00	-15.61	3	Vertical	345	1.11	-
2437MHz	Pass	AV	2.365G	46.09	54.00	-7.91	3	Vertical	345	1.11	-
2437MHz	Pass	PK	2.4454G	120.32	Inf	-Inf	3	Vertical	345	1.11	-
2437MHz	Pass	AV	2.445G	109.51	Inf	-Inf	3	Vertical	345	1.11	-
2437MHz	Pass	PK	2.4866G	59.21	74.00	-14.79	3	Vertical	345	1.11	-
2437MHz	Pass	AV	2.4862G	45.05	54.00	-8.95	3	Vertical	345	1.11	-
2437MHz	Pass	PK	2.3506G	57.55	74.00	-16.45	3	Horizontal	112	3.00	-
2437MHz	Pass	AV	2.365G	43.27	54.00	-10.73	3	Horizontal	112	3.00	-
2437MHz	Pass	PK	2.4458G	113.80	Inf	-Inf	3	Horizontal	112	3.00	-
2437MHz	Pass	AV	2.445G	103.15	Inf	-Inf	3	Horizontal	112	3.00	-
2437MHz	Pass	PK	2.485G	57.81	74.00	-16.19	3	Horizontal	112	3.00	-
2437MHz	Pass	AV	2.4854G	44.35	54.00	-9.65	3	Horizontal	112	3.00	-
2437MHz	Pass	PK	4.89032G	50.12	74.00	-23.88	3	Vertical	252	1.80	-
2437MHz	Pass	AV	4.89092G	36.44	54.00	-17.56	3	Vertical	252	1.80	-
2437MHz	Pass	PK	7.33716G	59.67	74.00	-14.33	3	Vertical	35	1.00	-
2437MHz	Pass	AV	7.33644G	44.73	54.00	-9.27	3	Vertical	35	1.00	-
2437MHz	Pass	PK	4.88972G	49.16	74.00	-24.84	3	Horizontal	56	2.50	-
2437MHz	Pass	AV	4.89104G	35.78	54.00	-18.22	3	Horizontal	56	2.50	-
2437MHz	Pass	PK	7.33752G	57.89	74.00	-16.11	3	Horizontal	157	3.00	-
2437MHz	Pass	AV	7.33668G	41.91	54.00	-12.09	3	Horizontal	157	3.00	-
802.11ax HEW20_Nss1_RU 26.#RU 8_2TX	-	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	2.47G	113.30	Inf	-Inf	3	Vertical	36	1.00	-
2462MHz	Pass	AV	2.47G	101.30	Inf	-Inf	3	Vertical	36	1.00	-
2462MHz	Pass	PK	2.4836G	67.03	74.00	-6.97	3	Vertical	36	1.00	-
2462MHz	Pass	AV	2.487G	44.56	54.00	-9.44	3	Vertical	36	1.00	-
2462MHz	Pass	PK	2.47G	111.14	Inf	-Inf	3	Horizontal	186	3.00	-
2462MHz	Pass	AV	2.47G	99.01	Inf	-Inf	3	Horizontal	186	3.00	-
2462MHz	Pass	PK	2.4836G	67.11	74.00	-6.89	3	Horizontal	186	3.00	-
2462MHz	Pass	AV	2.487G	44.24	54.00	-9.76	3	Horizontal	186	3.00	-
2462MHz	Pass	PK	4.93492G	47.15	74.00	-26.85	3	Vertical	254	1.80	-
2462MHz	Pass	AV	4.94104G	33.57	54.00	-20.43	3	Vertical	254	1.80	-
2462MHz	Pass	PK	7.39428G	52.41	74.00	-21.59	3	Vertical	162	1.04	-
2462MHz	Pass	AV	7.40616G	38.87	54.00	-15.13	3	Vertical	162	1.04	-
2462MHz	Pass	PK	4.93936G	47.07	74.00	-26.93	3	Horizontal	3	1.52	-
2462MHz	Pass	AV	4.94104G	32.93	54.00	-21.07	3	Horizontal	3	1.52	-
2462MHz	Pass	PK	7.35732G	52.87	74.00	-21.13	3	Horizontal	280	2.28	-
2462MHz	Pass	AV	7.41504G	38.87	54.00	-15.13	3	Horizontal	280	2.28	-
802.11ax HEW20_Nss1_RU 26.#RU 8_2TX	-	-	-	-	-	-	-	-	-	-	-
2467MHz	Pass	PK	2.475G	110.27	Inf	-Inf	3	Vertical	33	1.01	-
2467MHz	Pass	AV	2.475G	97.98	Inf	-Inf	3	Vertical	33	1.01	-
2467MHz	Pass	PK	2.4835G	68.37	74.00	-5.63	3	Vertical	33	1.01	-
2467MHz	Pass	AV	2.4916G	44.33	54.00	-9.67	3	Vertical	33	1.01	-
2467MHz	Pass	PK	2.475G	108.15	Inf	-Inf	3	Horizontal	185	3.00	-
2467MHz	Pass	AV	2.475G	95.93	Inf	-Inf	3	Horizontal	185	3.00	-
2467MHz	Pass	PK	2.4838G	67.01	74.00	-6.99	3	Horizontal	185	3.00	-
2467MHz	Pass	AV	2.4932G	44.12	54.00	-9.88	3	Horizontal	185	3.00	-
2467MHz	Pass	PK	4.94384G	46.60	74.00	-27.40	3	Vertical	148	1.77	-



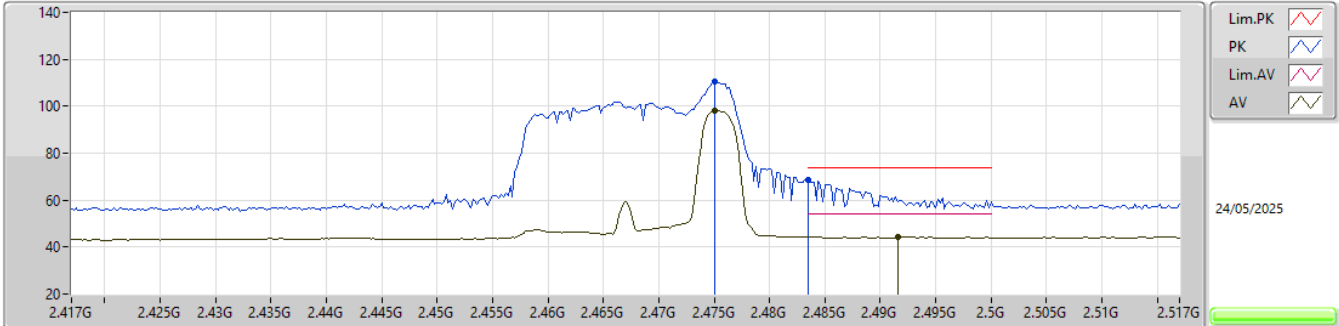
RSE TX above 1GHz
<Partial RU> RU 26_Ant. 5 (2TX)

Appendix A.7

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	AV	4.93292G	32.90	54.00	-21.10	3	Vertical	148	1.77	-
2467MHz	Pass	PK	7.41156G	53.28	74.00	-20.72	3	Vertical	246	2.82	-
2467MHz	Pass	AV	7.42752G	38.93	54.00	-15.07	3	Vertical	246	2.82	-
2467MHz	Pass	PK	4.9238G	47.30	74.00	-26.70	3	Horizontal	201	2.98	-
2467MHz	Pass	AV	4.92884G	32.97	54.00	-21.03	3	Horizontal	201	2.98	-
2467MHz	Pass	PK	7.3824G	53.27	74.00	-20.73	3	Horizontal	158	1.52	-
2467MHz	Pass	AV	7.4202G	38.90	54.00	-15.10	3	Horizontal	158	1.52	-
802.11ax HEW20_Nss1, RU 26, #RU 8_2TX	-	-	-	-	-	-	-	-	-	-	-
2472MHz	Pass	PK	2.4804G	95.27	Inf	-Inf	3	Vertical	133	1.80	-
2472MHz	Pass	AV	2.48G	83.66	Inf	-Inf	3	Vertical	133	1.80	-
2472MHz	Pass	PK	2.4835G	62.78	74.00	-11.22	3	Vertical	133	1.80	-
2472MHz	Pass	AV	2.4962G	43.87	54.00	-10.13	3	Vertical	133	1.80	-
2472MHz	Pass	PK	2.48G	85.75	Inf	-Inf	3	Horizontal	144	1.43	-
2472MHz	Pass	AV	2.48G	73.63	Inf	-Inf	3	Horizontal	144	1.43	-
2472MHz	Pass	PK	2.4906G	58.83	74.00	-15.17	3	Horizontal	144	1.43	-
2472MHz	Pass	AV	2.5G	43.84	54.00	-10.16	3	Horizontal	144	1.43	-
2472MHz	Pass	PK	4.94772G	46.88	74.00	-27.12	3	Vertical	213	1.84	-
2472MHz	Pass	AV	4.93416G	32.99	54.00	-21.01	3	Vertical	213	1.84	-
2472MHz	Pass	PK	7.39212G	53.29	74.00	-20.71	3	Vertical	46	1.25	-
2472MHz	Pass	AV	7.42416G	38.93	54.00	-15.07	3	Vertical	46	1.25	-
2472MHz	Pass	PK	4.94604G	47.48	74.00	-26.52	3	Horizontal	102	1.41	-
2472MHz	Pass	AV	4.9326G	33.09	54.00	-20.91	3	Horizontal	102	1.41	-
2472MHz	Pass	PK	7.4178G	52.60	74.00	-21.40	3	Horizontal	209	2.42	-
2472MHz	Pass	AV	7.43316G	38.93	54.00	-15.07	3	Horizontal	209	2.42	-

2.4-2.4835GHz_802.11ax_HEW20_Nss1, RU 26, #RU 8_2TX

2467MHz_TX

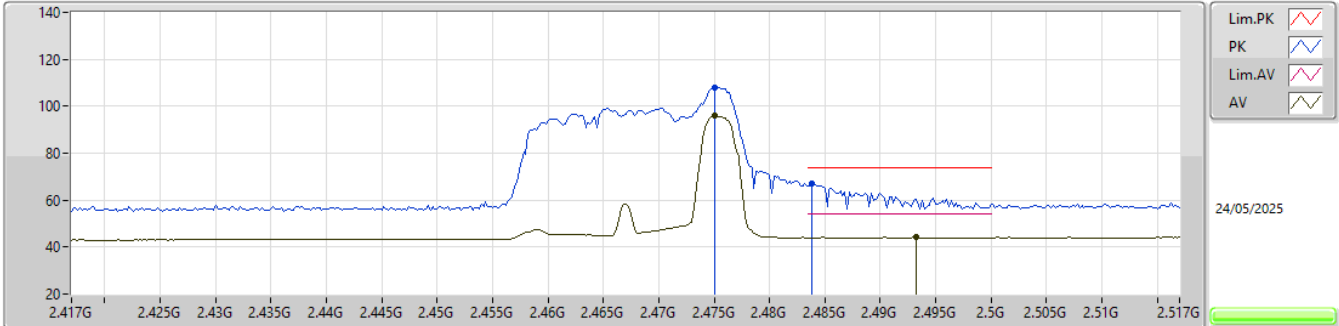


EUT_Z_2TX
 Setting 11.5(S0-2.5)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	2.475G	110.27	Inf	-Inf	78.72	3	Vertical	33	1.01	-	27.75	3.80	-			
AV	2.475G	97.98	Inf	-Inf	66.43	3	Vertical	33	1.01	-	27.75	3.80	-			
PK	2.4835G	68.37	74.00	-5.63	36.72	3	Vertical	33	1.01	-	27.84	3.81	-			
AV	2.4916G	44.33	54.00	-9.67	12.59	3	Vertical	33	1.01	-	27.92	3.82	-			

2.4-2.4835GHz_802.11ax_HEW20_Nss1, RU 26, #RU 8_2TX

2467MHz_TX

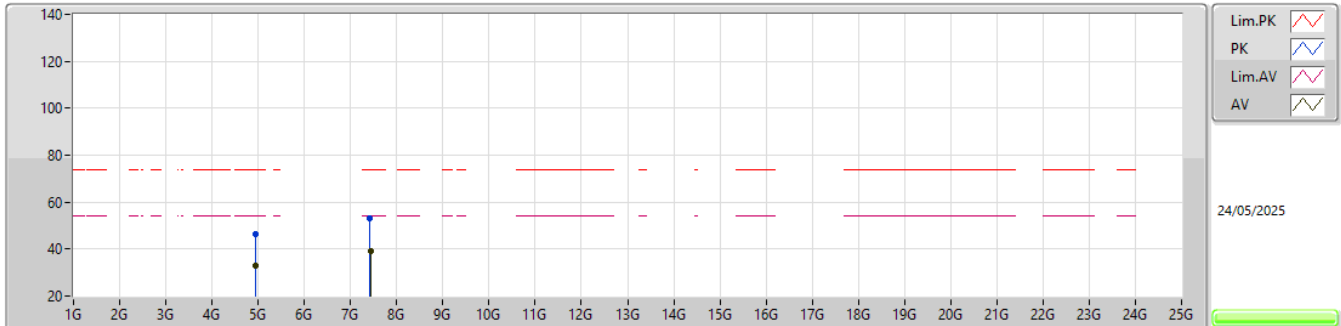


EUT_Z_2TX
 Setting 11.5(S0-2.5)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	2.475G	108.15	Inf	-Inf	76.60	3	Horizontal	185	3.00	-	27.75	3.80	-			
AV	2.475G	95.93	Inf	-Inf	64.38	3	Horizontal	185	3.00	-	27.75	3.80	-			
PK	2.4838G	67.01	74.00	-6.99	35.36	3	Horizontal	185	3.00	-	27.84	3.81	-			
AV	2.4932G	44.12	54.00	-9.88	12.37	3	Horizontal	185	3.00	-	27.93	3.82	-			

2.4-2.4835GHz_802.11ax_HEW20_Nss1, RU 26, #RU 8_2TX

2467MHz_TX

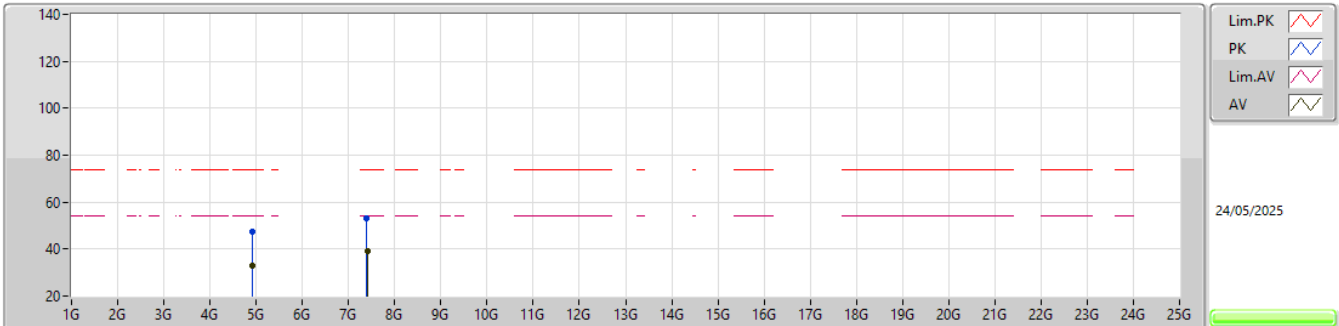


EUT_Z_2TX
 Setting 11.5(S0-2.5)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.94384G	46.60	74.00	-27.40	39.60	3	Vertical	148	1.77	-	32.99	6.59	32.58				
AV	4.93292G	32.90	54.00	-21.10	25.93	3	Vertical	148	1.77	-	32.97	6.58	32.58				
PK	7.41156G	53.28	74.00	-20.72	40.27	3	Vertical	246	2.82	-	37.58	8.02	32.59				
AV	7.42752G	38.93	54.00	-15.07	25.94	3	Vertical	246	2.82	-	37.54	8.04	32.59				

2.4-2.4835GHz_802.11ax HEW20_Nss1, RU 26, #RU 8_2TX

2467MHz_TX



EUT_Z_2TX
Setting 11.5(S0-2.5)
01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.9238G	47.30	74.00	-26.70	40.36	3	Horizontal	201	2.98	-	32.95	6.57	32.58				
AV	4.92884G	32.97	54.00	-21.03	26.02	3	Horizontal	201	2.98	-	32.96	6.57	32.58				
PK	7.3824G	53.27	74.00	-20.73	40.28	3	Horizontal	158	1.52	-	37.60	7.99	32.60				
AV	7.4202G	38.90	54.00	-15.10	25.90	3	Horizontal	158	1.52	-	37.56	8.03	32.59				



RSE TX above 1GHz
<Partial RU> RU 52_Ant. 5 (2TX)

Appendix A.8

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1, RU 52_2TX	Pass	PK	2.4844G	67.68	74.00	-6.32	3	Vertical	33	1.01	-



RSE TX above 1GHz
<Partial RU> RU 52_Ant. 5 (2TX)

Appendix A.8

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1, RU 52, #RU 37_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.3884G	60.02	74.00	-13.98	3	Vertical	338	1.01	-
2412MHz	Pass	AV	2.3892G	46.52	54.00	-7.48	3	Vertical	338	1.01	-
2412MHz	Pass	PK	2.4062G	114.14	Inf	-Inf	3	Vertical	338	1.01	-
2412MHz	Pass	AV	2.4058G	103.03	Inf	-Inf	3	Vertical	338	1.01	-
2412MHz	Pass	PK	2.3724G	57.09	74.00	-16.91	3	Horizontal	111	2.82	-
2412MHz	Pass	AV	2.3658G	45.67	54.00	-8.33	3	Horizontal	111	2.82	-
2412MHz	Pass	PK	2.406G	106.94	Inf	-Inf	3	Horizontal	111	2.82	-
2412MHz	Pass	AV	2.4058G	95.85	Inf	-Inf	3	Horizontal	111	2.82	-
2412MHz	Pass	PK	4.84308G	46.21	74.00	-27.79	3	Vertical	283	2.60	-
2412MHz	Pass	AV	4.85112G	34.10	54.00	-19.90	3	Vertical	283	2.60	-
2412MHz	Pass	PK	4.81104G	45.84	74.00	-28.16	3	Horizontal	354	2.97	-
2412MHz	Pass	AV	4.83012G	34.22	54.00	-19.78	3	Horizontal	354	2.97	-
802.11ax HEW20_Nss1, RU 52, #RU 40_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	2.389G	58.90	74.00	-15.10	3	Vertical	337	1.07	-
2437MHz	Pass	AV	2.363G	47.39	54.00	-6.61	3	Vertical	337	1.07	-
2437MHz	Pass	PK	2.4434G	116.87	Inf	-Inf	3	Vertical	337	1.07	-
2437MHz	Pass	AV	2.443G	108.50	Inf	-Inf	3	Vertical	337	1.07	-
2437MHz	Pass	PK	2.485G	60.45	74.00	-13.55	3	Vertical	337	1.07	-
2437MHz	Pass	AV	2.4835G	47.05	54.00	-6.95	3	Vertical	337	1.07	-
2437MHz	Pass	PK	2.3674G	57.56	74.00	-16.44	3	Horizontal	112	3.00	-
2437MHz	Pass	AV	2.3558G	45.51	54.00	-8.49	3	Horizontal	112	3.00	-
2437MHz	Pass	PK	2.4434G	109.38	Inf	-Inf	3	Horizontal	112	3.00	-
2437MHz	Pass	AV	2.443G	101.06	Inf	-Inf	3	Horizontal	112	3.00	-
2437MHz	Pass	PK	2.4838G	58.30	74.00	-15.70	3	Horizontal	112	3.00	-
2437MHz	Pass	AV	2.4854G	46.35	54.00	-7.65	3	Horizontal	112	3.00	-
2437MHz	Pass	PK	4.88804G	46.89	74.00	-27.11	3	Vertical	249	1.80	-
2437MHz	Pass	AV	4.88852G	36.34	54.00	-17.66	3	Vertical	249	1.80	-
2437MHz	Pass	PK	7.284G	52.34	74.00	-21.66	3	Vertical	1	1.80	-
2437MHz	Pass	AV	7.33188G	40.88	54.00	-13.12	3	Vertical	1	1.80	-
2437MHz	Pass	PK	4.88948G	47.29	74.00	-26.71	3	Horizontal	51	2.38	-
2437MHz	Pass	AV	4.88852G	36.03	54.00	-17.97	3	Horizontal	51	2.38	-
2437MHz	Pass	PK	7.3014G	52.28	74.00	-21.72	3	Horizontal	254	1.80	-
2437MHz	Pass	AV	7.29432G	40.73	54.00	-13.27	3	Horizontal	254	1.80	-
802.11ax HEW20_Nss1, RU 52, #RU 40_2TX	-	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	2.4684G	110.66	Inf	-Inf	3	Vertical	33	1.01	-
2462MHz	Pass	AV	2.468G	102.06	Inf	-Inf	3	Vertical	33	1.01	-
2462MHz	Pass	PK	2.4844G	67.68	74.00	-6.32	3	Vertical	33	1.01	-
2462MHz	Pass	AV	2.4836G	47.55	54.00	-6.45	3	Vertical	33	1.01	-
2462MHz	Pass	PK	2.4682G	106.77	Inf	-Inf	3	Horizontal	189	3.00	-
2462MHz	Pass	AV	2.468G	98.25	Inf	-Inf	3	Horizontal	189	3.00	-
2462MHz	Pass	PK	2.4842G	66.03	74.00	-7.97	3	Horizontal	189	3.00	-
2462MHz	Pass	AV	2.4844G	46.48	54.00	-7.52	3	Horizontal	189	3.00	-
2462MHz	Pass	PK	4.90288G	46.80	74.00	-27.20	3	Vertical	327	1.71	-
2462MHz	Pass	AV	4.91944G	34.58	54.00	-19.42	3	Vertical	327	1.71	-
2462MHz	Pass	PK	7.38816G	52.41	74.00	-21.59	3	Vertical	55	1.65	-
2462MHz	Pass	AV	7.35672G	40.54	54.00	-13.46	3	Vertical	55	1.65	-
2462MHz	Pass	PK	4.92244G	45.90	74.00	-28.10	3	Horizontal	33	1.79	-
2462MHz	Pass	AV	4.9492G	34.58	54.00	-19.42	3	Horizontal	33	1.79	-
2462MHz	Pass	PK	7.3752G	53.24	74.00	-20.76	3	Horizontal	0	1.95	-
2462MHz	Pass	AV	7.40868G	40.58	54.00	-13.42	3	Horizontal	0	1.95	-
802.11ax HEW20_Nss1, RU 52, #RU 40_2TX	-	-	-	-	-	-	-	-	-	-	-
2467MHz	Pass	PK	2.4734G	106.20	Inf	-Inf	3	Vertical	35	1.00	-
2467MHz	Pass	AV	2.473G	97.77	Inf	-Inf	3	Vertical	35	1.00	-
2467MHz	Pass	PK	2.484G	67.47	74.00	-6.53	3	Vertical	35	1.00	-
2467MHz	Pass	AV	2.4842G	47.00	54.00	-7.00	3	Vertical	35	1.00	-
2467MHz	Pass	PK	2.4734G	103.34	Inf	-Inf	3	Horizontal	186	3.00	-
2467MHz	Pass	AV	2.4732G	94.77	Inf	-Inf	3	Horizontal	186	3.00	-
2467MHz	Pass	PK	2.4835G	66.42	74.00	-7.58	3	Horizontal	186	3.00	-
2467MHz	Pass	AV	2.4874G	46.11	54.00	-7.89	3	Horizontal	186	3.00	-
2467MHz	Pass	PK	4.92392G	46.21	74.00	-27.79	3	Vertical	111	2.48	-



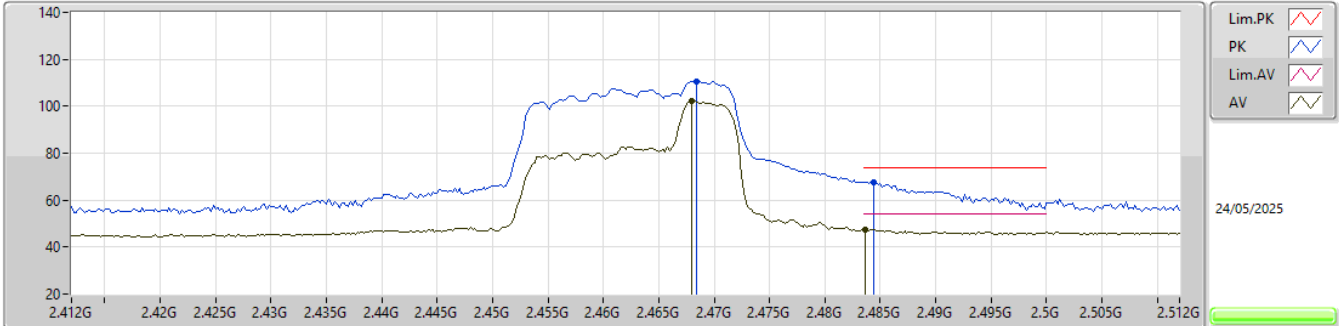
RSE TX above 1GHz
<Partial RU> RU 52_Ant. 5 (2TX)

Appendix A.8

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	AV	4.92752G	34.60	54.00	-19.40	3	Vertical	111	2.48	-
2467MHz	Pass	PK	7.42872G	52.08	74.00	-21.92	3	Vertical	313	1.50	-
2467MHz	Pass	AV	7.42044G	40.79	54.00	-13.21	3	Vertical	313	1.50	-
2467MHz	Pass	PK	4.93712G	46.53	74.00	-27.47	3	Horizontal	80	3.00	-
2467MHz	Pass	AV	4.931G	34.69	54.00	-19.31	3	Horizontal	80	3.00	-
2467MHz	Pass	PK	7.3812G	52.79	74.00	-21.21	3	Horizontal	280	1.39	-
2467MHz	Pass	AV	7.42956G	40.75	54.00	-13.25	3	Horizontal	280	1.39	-
802.11ax HEW20_Nss1, RU 52, #RU 40_2TX	-	-	-	-	-	-	-	-	-	-	-
2472MHz	Pass	PK	2.4782G	96.88	Inf	-Inf	3	Vertical	134	1.80	-
2472MHz	Pass	AV	2.478G	88.21	Inf	-Inf	3	Vertical	134	1.80	-
2472MHz	Pass	PK	2.4836G	65.95	74.00	-8.05	3	Vertical	134	1.80	-
2472MHz	Pass	AV	2.4982G	46.19	54.00	-7.81	3	Vertical	134	1.80	-
2472MHz	Pass	PK	2.4782G	92.97	Inf	-Inf	3	Horizontal	139	2.97	-
2472MHz	Pass	AV	2.478G	84.40	Inf	-Inf	3	Horizontal	139	2.97	-
2472MHz	Pass	PK	2.4836G	63.58	74.00	-10.42	3	Horizontal	139	2.97	-
2472MHz	Pass	AV	2.4866G	45.96	54.00	-8.04	3	Horizontal	139	2.97	-
2472MHz	Pass	PK	4.905G	46.21	74.00	-27.79	3	Vertical	279	1.97	-
2472MHz	Pass	AV	4.9938G	34.25	54.00	-19.75	3	Vertical	279	1.97	-
2472MHz	Pass	PK	7.384G	51.87	74.00	-22.13	3	Vertical	142	1.88	-
2472MHz	Pass	AV	7.4638G	40.56	54.00	-13.44	3	Vertical	142	1.88	-
2472MHz	Pass	PK	4.954G	46.23	74.00	-27.77	3	Horizontal	161	1.58	-
2472MHz	Pass	AV	4.9454G	34.14	54.00	-19.86	3	Horizontal	161	1.58	-
2472MHz	Pass	PK	7.3982G	52.44	74.00	-21.56	3	Horizontal	89	2.50	-
2472MHz	Pass	AV	7.4648G	40.51	54.00	-13.49	3	Horizontal	89	2.50	-

2.4-2.4835GHz_802.11ax_HEW20_Nss1,RU 52,#RU 40_2TX

2462MHz_TX

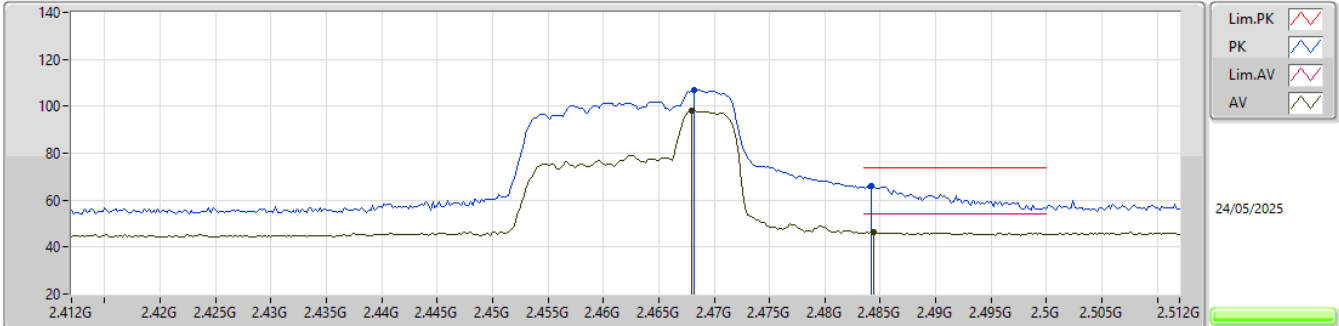


EUT_Z_2TX
 Setting 15.5(S0-1.5)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4684G	110.66	Inf	-Inf	79.19	3	Vertical	33	1.01	-	27.67	3.80	-			
AV	2.468G	102.06	Inf	-Inf	70.61	3	Vertical	33	1.01	-	27.66	3.79	-			
PK	2.4844G	67.68	74.00	-6.32	36.03	3	Vertical	33	1.01	-	27.84	3.81	-			
AV	2.4836G	47.55	54.00	-6.45	15.90	3	Vertical	33	1.01	-	27.84	3.81	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,RU 52,#RU 40_2TX

2462MHz_TX

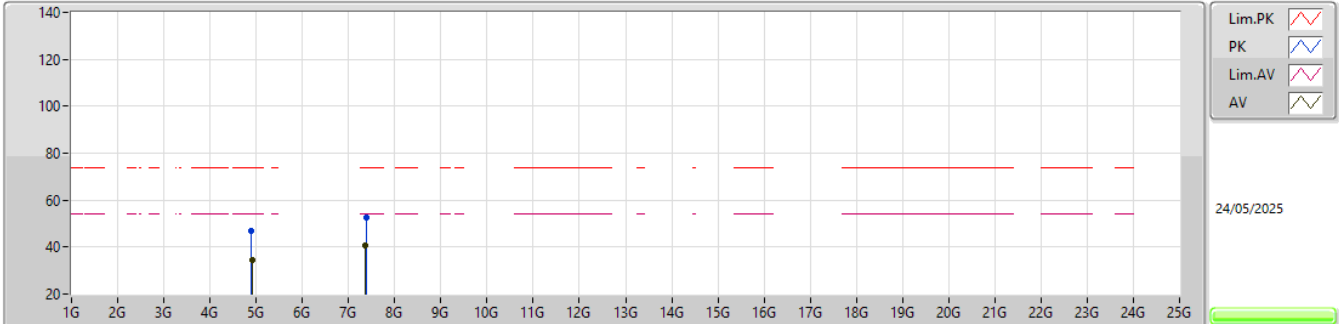


EUT_Z_2TX
 Setting 15.5(S0-1.5)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4682G	106.77	Inf	-Inf	75.31	3	Horizontal	189	3.00	-	27.66	3.80	-			
AV	2.468G	98.25	Inf	-Inf	66.80	3	Horizontal	189	3.00	-	27.66	3.79	-			
PK	2.4842G	66.03	74.00	-7.97	34.38	3	Horizontal	189	3.00	-	27.84	3.81	-			
AV	2.4844G	46.48	54.00	-7.52	14.83	3	Horizontal	189	3.00	-	27.84	3.81	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1, RU 52, #RU 40_2TX

2462MHz_TX

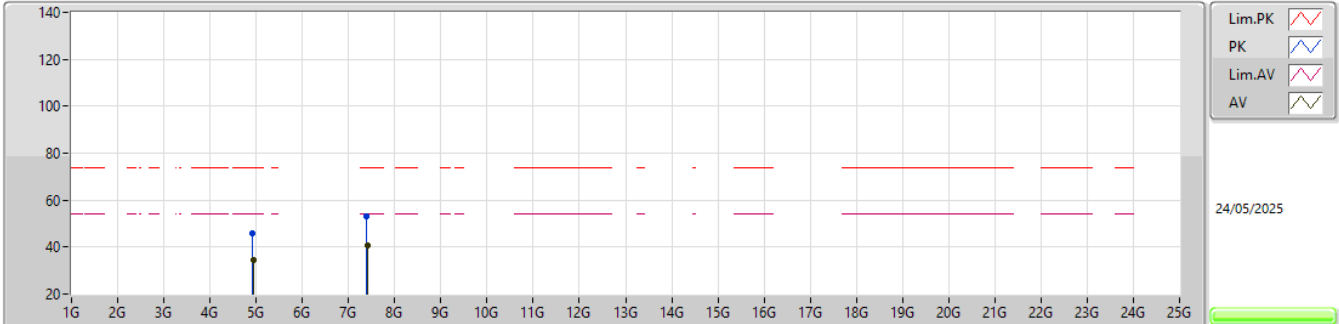


EUT_Z_2TX
 Setting 15.5(S0-1.5)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.90288G	46.80	74.00	-27.20	39.93	3	Vertical	327	1.71	-	32.91	6.54	32.58			
AV	4.91944G	34.58	54.00	-19.42	27.66	3	Vertical	327	1.71	-	32.94	6.56	32.58			
PK	7.38816G	52.41	74.00	-21.59	39.41	3	Vertical	55	1.65	-	37.60	8.00	32.60			
AV	7.35672G	40.54	54.00	-13.46	27.56	3	Vertical	55	1.65	-	37.60	7.99	32.61			

2.4-2.4835GHz_802.11ax HEW20_Nss1,RU 52,#RU 40_2TX

2462MHz_TX



EUT_Z_2TX
 Setting 15.5(S0-1.5)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92244G	45.90	74.00	-28.10	38.97	3	Horizontal	33	1.79	-	32.94	6.57	32.58				
AV	4.9492G	34.58	54.00	-19.42	27.56	3	Horizontal	33	1.79	-	33.00	6.60	32.58				
PK	7.3752G	53.24	74.00	-20.76	40.26	3	Horizontal	0	1.95	-	37.60	7.99	32.61				
AV	7.40868G	40.58	54.00	-13.42	27.58	3	Horizontal	0	1.95	-	37.58	8.01	32.59				



RSE TX above 1GHz
<Partial RU> RU 106_Ant. 5 (2TX)

Appendix A.9

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1, RU 106_2TX	Pass	PK	2.4835G	69.82	74.00	-4.18	3	Vertical	133	1.17	-



RSE TX above 1GHz
<Partial RU> RU 106_Ant. 5 (2TX)

Appendix A.9

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1_RU 106.#RU 53_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.388G	63.36	74.00	-10.64	3	Vertical	338	1.32	-
2412MHz	Pass	AV	2.3898G	48.30	54.00	-5.70	3	Vertical	338	1.32	-
2412MHz	Pass	PK	2.409G	112.42	Inf	-Inf	3	Vertical	338	1.32	-
2412MHz	Pass	AV	2.4096G	103.61	Inf	-Inf	3	Vertical	338	1.32	-
2412MHz	Pass	PK	2.3682G	56.98	74.00	-17.02	3	Horizontal	112	2.80	-
2412MHz	Pass	AV	2.3894G	45.30	54.00	-8.70	3	Horizontal	112	2.80	-
2412MHz	Pass	PK	2.409G	105.01	Inf	-Inf	3	Horizontal	112	2.80	-
2412MHz	Pass	AV	2.4096G	96.20	Inf	-Inf	3	Horizontal	112	2.80	-
2412MHz	Pass	PK	4.79688G	45.83	74.00	-28.17	3	Vertical	150	2.23	-
2412MHz	Pass	AV	4.83924G	34.30	54.00	-19.70	3	Vertical	150	2.23	-
2412MHz	Pass	PK	4.8018G	46.57	74.00	-27.43	3	Horizontal	12	1.83	-
2412MHz	Pass	AV	4.8414G	34.67	54.00	-19.33	3	Horizontal	12	1.83	-
802.11ax HEW20_Nss1_RU 106.#RU 54_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	2.3618G	57.21	74.00	-16.79	3	Vertical	338	1.80	-
2437MHz	Pass	AV	2.3602G	46.04	54.00	-7.96	3	Vertical	338	1.80	-
2437MHz	Pass	PK	2.4398G	115.03	Inf	-Inf	3	Vertical	338	1.80	-
2437MHz	Pass	AV	2.4394G	105.91	Inf	-Inf	3	Vertical	338	1.80	-
2437MHz	Pass	PK	2.4906G	58.92	74.00	-15.08	3	Vertical	338	1.80	-
2437MHz	Pass	AV	2.4946G	46.01	54.00	-7.99	3	Vertical	338	1.80	-
2437MHz	Pass	PK	2.3626G	56.73	74.00	-17.27	3	Horizontal	113	2.99	-
2437MHz	Pass	AV	2.355G	45.20	54.00	-8.80	3	Horizontal	113	2.99	-
2437MHz	Pass	PK	2.4398G	107.86	Inf	-Inf	3	Horizontal	113	2.99	-
2437MHz	Pass	AV	2.4394G	98.72	Inf	-Inf	3	Horizontal	113	2.99	-
2437MHz	Pass	PK	2.497G	57.29	74.00	-16.71	3	Horizontal	113	2.99	-
2437MHz	Pass	AV	2.491G	45.92	54.00	-8.08	3	Horizontal	113	2.99	-
2437MHz	Pass	PK	4.88252G	49.26	74.00	-24.74	3	Vertical	251	1.80	-
2437MHz	Pass	AV	4.88264G	36.40	54.00	-17.60	3	Vertical	251	1.80	-
2437MHz	Pass	PK	7.29936G	52.28	74.00	-21.72	3	Vertical	327	1.59	-
2437MHz	Pass	AV	7.29216G	40.81	54.00	-13.19	3	Vertical	327	1.59	-
2437MHz	Pass	PK	4.86116G	46.69	74.00	-27.31	3	Horizontal	171	1.49	-
2437MHz	Pass	AV	4.87364G	34.71	54.00	-19.29	3	Horizontal	171	1.49	-
2437MHz	Pass	PK	7.28868G	52.62	74.00	-21.38	3	Horizontal	214	1.33	-
2437MHz	Pass	AV	7.338G	40.81	54.00	-13.19	3	Horizontal	214	1.33	-
802.11ax HEW20_Nss1_RU 106.#RU 54_2TX	-	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	2.4648G	110.98	Inf	-Inf	3	Vertical	137	1.80	-
2462MHz	Pass	AV	2.4642G	101.28	Inf	-Inf	3	Vertical	137	1.80	-
2462MHz	Pass	PK	2.4835G	67.95	74.00	-6.05	3	Vertical	137	1.80	-
2462MHz	Pass	AV	2.4836G	48.59	54.00	-5.41	3	Vertical	137	1.80	-
2462MHz	Pass	PK	2.4648G	108.47	Inf	-Inf	3	Horizontal	143	2.75	-
2462MHz	Pass	AV	2.4642G	98.75	Inf	-Inf	3	Horizontal	143	2.75	-
2462MHz	Pass	PK	2.4836G	64.45	74.00	-9.55	3	Horizontal	143	2.75	-
2462MHz	Pass	AV	2.4854G	46.81	54.00	-7.19	3	Horizontal	143	2.75	-
2462MHz	Pass	PK	4.9228G	46.40	74.00	-27.60	3	Vertical	18	2.81	-
2462MHz	Pass	AV	4.954G	34.93	54.00	-19.07	3	Vertical	18	2.81	-
2462MHz	Pass	PK	7.39752G	52.60	74.00	-21.40	3	Vertical	263	2.91	-
2462MHz	Pass	AV	7.3842G	40.75	54.00	-13.25	3	Vertical	263	2.91	-
2462MHz	Pass	PK	4.89988G	47.03	74.00	-26.97	3	Horizontal	142	2.30	-
2462MHz	Pass	AV	4.94248G	34.72	54.00	-19.28	3	Horizontal	142	2.30	-
2462MHz	Pass	PK	7.37376G	52.51	74.00	-21.49	3	Horizontal	101	2.31	-
2462MHz	Pass	AV	7.37712G	40.69	54.00	-13.31	3	Horizontal	101	2.31	-
802.11ax HEW20_Nss1_RU 106.#RU 54_2TX	-	-	-	-	-	-	-	-	-	-	-
2467MHz	Pass	PK	2.4698G	109.13	Inf	-Inf	3	Vertical	133	1.17	-
2467MHz	Pass	AV	2.4692G	99.02	Inf	-Inf	3	Vertical	133	1.17	-
2467MHz	Pass	PK	2.4835G	69.82	74.00	-4.18	3	Vertical	133	1.17	-
2467MHz	Pass	AV	2.4844G	48.71	54.00	-5.29	3	Vertical	133	1.17	-
2467MHz	Pass	PK	2.4696G	105.00	Inf	-Inf	3	Horizontal	143	2.75	-
2467MHz	Pass	AV	2.4688G	94.91	Inf	-Inf	3	Horizontal	143	2.75	-
2467MHz	Pass	PK	2.4835G	64.83	74.00	-9.17	3	Horizontal	143	2.75	-
2467MHz	Pass	AV	2.4848G	46.49	54.00	-7.51	3	Horizontal	143	2.75	-
2467MHz	Pass	PK	4.90676G	46.37	74.00	-27.63	3	Vertical	199	2.06	-



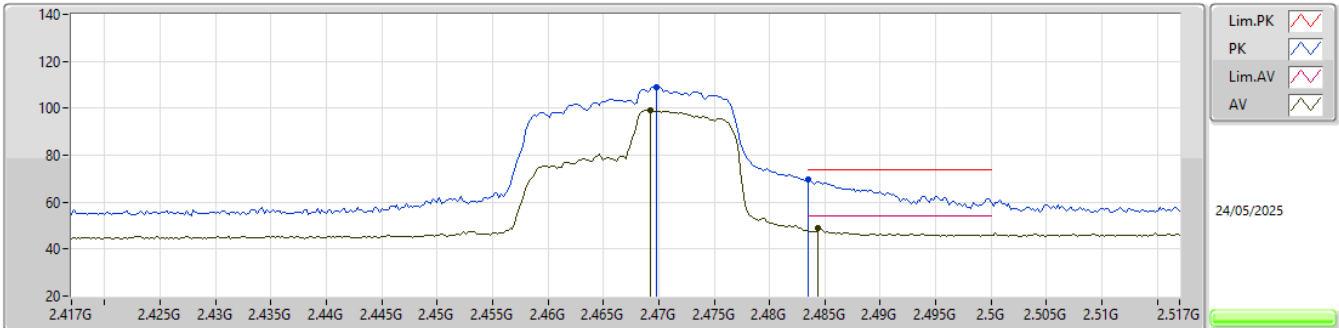
RSE TX above 1GHz
<Partial RU> RU 106_Ant. 5 (2TX)

Appendix A.9

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	AV	4.91912G	34.83	54.00	-19.17	3	Vertical	199	2.06	-
2467MHz	Pass	PK	7.38612G	52.56	74.00	-21.44	3	Vertical	97	1.39	-
2467MHz	Pass	AV	7.41996G	40.73	54.00	-13.27	3	Vertical	97	1.39	-
2467MHz	Pass	PK	4.90712G	46.70	74.00	-27.30	3	Horizontal	230	1.36	-
2467MHz	Pass	AV	4.9154G	34.75	54.00	-19.25	3	Horizontal	230	1.36	-
2467MHz	Pass	PK	7.41624G	52.54	74.00	-21.46	3	Horizontal	9	1.92	-
2467MHz	Pass	AV	7.41228G	41.07	54.00	-12.93	3	Horizontal	9	1.92	-
802.11ax HEW20_Nss1, RU 106, #RU 54_2TX	-	-	-	-	-	-	-	-	-	-	-
2472MHz	Pass	PK	2.4748G	99.66	Inf	-Inf	3	Vertical	137	1.80	-
2472MHz	Pass	AV	2.4742G	89.47	Inf	-Inf	3	Vertical	137	1.80	-
2472MHz	Pass	PK	2.4835G	67.17	74.00	-6.83	3	Vertical	137	1.80	-
2472MHz	Pass	AV	2.4836G	46.29	54.00	-7.71	3	Vertical	137	1.80	-
2472MHz	Pass	PK	2.4748G	96.39	Inf	-Inf	3	Horizontal	138	3.00	-
2472MHz	Pass	AV	2.4742G	86.19	Inf	-Inf	3	Horizontal	138	3.00	-
2472MHz	Pass	PK	2.4836G	64.24	74.00	-9.76	3	Horizontal	138	3.00	-
2472MHz	Pass	AV	2.4878G	46.09	54.00	-7.91	3	Horizontal	138	3.00	-
2472MHz	Pass	PK	4.9544G	46.28	74.00	-27.72	3	Vertical	335	1.41	-
2472MHz	Pass	AV	4.9412G	34.62	54.00	-19.38	3	Vertical	335	1.41	-
2472MHz	Pass	PK	7.4252G	52.27	74.00	-21.73	3	Vertical	292	1.82	-
2472MHz	Pass	AV	7.426G	40.73	54.00	-13.27	3	Vertical	292	1.82	-
2472MHz	Pass	PK	4.9254G	46.03	74.00	-27.97	3	Horizontal	239	1.62	-
2472MHz	Pass	AV	4.9754G	34.89	54.00	-19.11	3	Horizontal	239	1.62	-
2472MHz	Pass	PK	7.3776G	52.45	74.00	-21.55	3	Horizontal	217	2.72	-
2472MHz	Pass	AV	7.4594G	40.94	54.00	-13.06	3	Horizontal	217	2.72	-

2.4-2.4835GHz_802.11ax_HEW20_Nss1, RU 106, #RU 54_2TX

2467MHz_TX

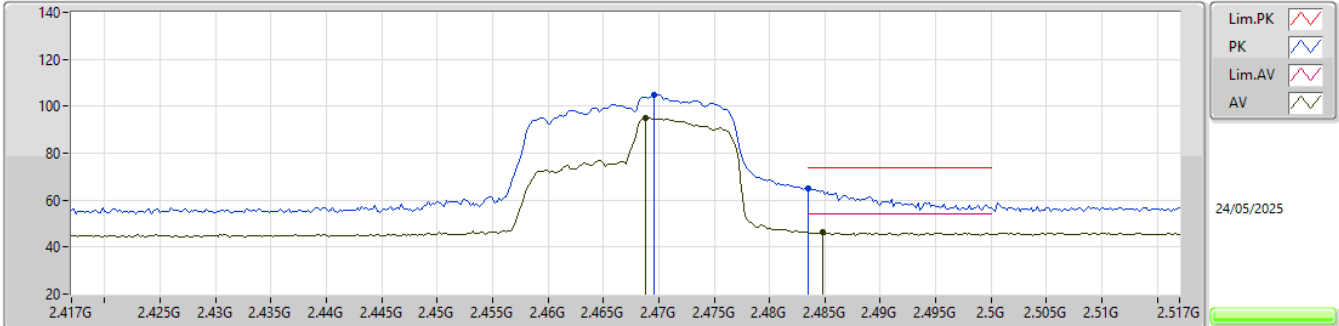


EUT_Z_2TX
 Setting 13.5(S0-2)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4698G	109.13	Inf	-Inf	77.63	3	Vertical	133	1.17	-	27.70	3.80	-				
AV	2.4692G	99.02	Inf	-Inf	67.54	3	Vertical	133	1.17	-	27.68	3.80	-				
PK	2.4835G	69.82	74.00	-4.18	38.17	3	Vertical	133	1.17	-	27.84	3.81	-				
AV	2.4844G	48.71	54.00	-5.29	17.06	3	Vertical	133	1.17	-	27.84	3.81	-				

2.4-2.4835GHz_802.11ax HEW20_Nss1,RU 106,#RU 54_2TX

2467MHz_TX

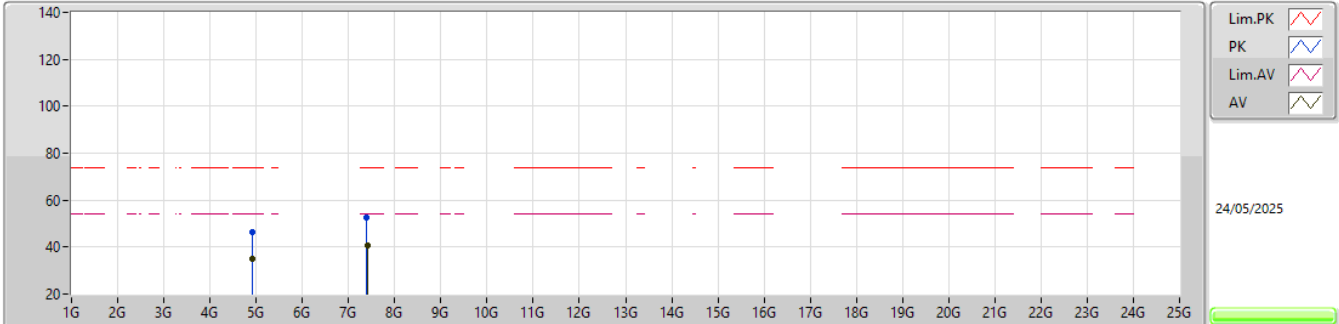


EUT_Z_2TX
 Setting 13.5(S0-2)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4696G	105.00	Inf	-Inf	73.51	3	Horizontal	143	2.75	-	27.69	3.80	-			
AV	2.4688G	94.91	Inf	-Inf	63.43	3	Horizontal	143	2.75	-	27.68	3.80	-			
PK	2.4835G	64.83	74.00	-9.17	33.18	3	Horizontal	143	2.75	-	27.84	3.81	-			
AV	2.4848G	46.49	54.00	-7.51	14.83	3	Horizontal	143	2.75	-	27.85	3.81	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,RU 106,#RU 54_2TX

2467MHz_TX

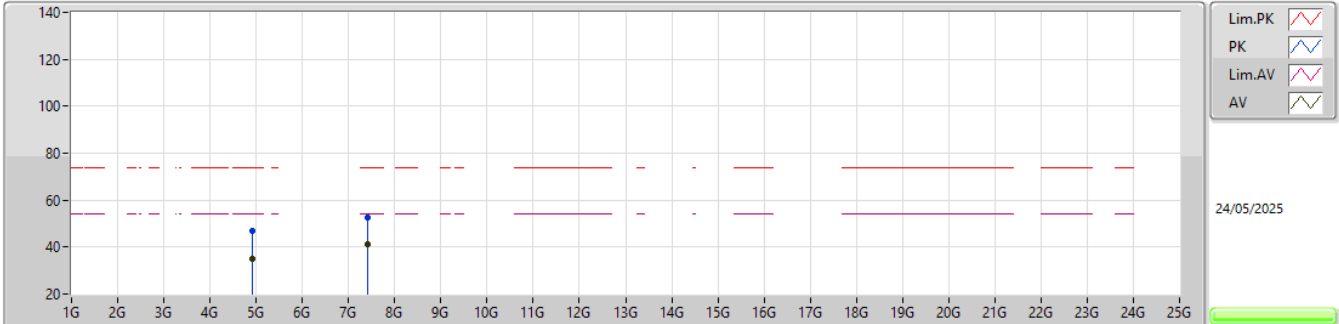


EUT_Z_2TX
 Setting 13.5(S0-2)
 01-U-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.90676G	46.37	74.00	-27.63	39.50	3	Vertical	199	2.06	-	32.91	6.54	32.58				
AV	4.91912G	34.83	54.00	-19.17	27.91	3	Vertical	199	2.06	-	32.94	6.56	32.58				
PK	7.38612G	52.56	74.00	-21.44	39.56	3	Vertical	97	1.39	-	37.60	8.00	32.60				
AV	7.41996G	40.73	54.00	-13.27	27.73	3	Vertical	97	1.39	-	37.56	8.03	32.59				

2.4-2.4835GHz_802.11ax HEW20_Nss1, RU 106, #RU 54_2TX

2467MHz_TX



EUT_Z_2TX
 Setting 13.5(S0-2)
 01-U-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.90712G	46.70	74.00	-27.30	39.83	3	Horizontal	230	1.36	-	32.91	6.54	32.58				
AV	4.9154G	34.75	54.00	-19.25	27.84	3	Horizontal	230	1.36	-	32.93	6.56	32.58				
PK	7.41624G	52.54	74.00	-21.46	39.54	3	Horizontal	9	1.92	-	37.57	8.02	32.59				
AV	7.41228G	41.07	54.00	-12.93	28.06	3	Horizontal	9	1.92	-	37.58	8.02	32.59				



Average Power
<Full RU> Non-Beamforming Mode (1TX)

Appendix B.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	22.46	0.17620
802.11b_Nss1,(1Mbps)_1TX	16.76	0.04742
802.11g_Nss1,(6Mbps)_1TX	22.39	0.17338
VHT20_Nss1,(MCS0)_1TX	22.16	0.16444
VHT40_Nss1,(MCS0)_1TX	18.56	0.07178
802.11ax HEW20_Nss1,(MCS0)_1TX	22.18	0.16520
802.11ax HEW40_Nss1,(MCS0)_1TX	18.61	0.07261



Average Power
<Full RU> Non-Beamforming Mode (1TX)

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	21.53	21.53	30.00
2437MHz	Pass	3.50	22.46	22.46	30.00
2457MHz	Pass	3.50	21.19	21.19	30.00
2462MHz	Pass	3.50	20.93	20.93	30.00
2467MHz	Pass	3.50	15.91	15.91	30.00
2472MHz	Pass	3.50	12.85	12.85	30.00
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2422MHz	Pass	3.50	12.71	12.71	30.00
2427MHz	Pass	3.50	16.74	16.74	30.00
2437MHz	Pass	3.50	16.76	16.76	30.00
2447MHz	Pass	3.50	13.17	13.17	30.00
2452MHz	Pass	3.50	8.41	8.41	30.00
2457MHz	Pass	3.50	7.79	7.79	30.00
2462MHz	Pass	3.50	7.76	7.76	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	18.05	18.05	30.00
2417MHz	Pass	3.50	18.37	18.37	30.00
2437MHz	Pass	3.50	22.39	22.39	30.00
2457MHz	Pass	3.50	20.41	20.41	30.00
2462MHz	Pass	3.50	18.17	18.17	30.00
2467MHz	Pass	3.50	17.17	17.17	30.00
2472MHz	Pass	3.50	16.54	16.54	30.00
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	17.83	17.83	30.00
2417MHz	Pass	3.50	19.15	19.15	30.00
2437MHz	Pass	3.50	22.16	22.16	30.00
2457MHz	Pass	3.50	20.13	20.13	30.00
2462MHz	Pass	3.50	17.08	17.08	30.00
2467MHz	Pass	3.50	16.63	16.63	30.00
2472MHz	Pass	3.50	10.81	10.81	30.00
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.50	17.25	17.25	30.00
2437MHz	Pass	3.50	18.56	18.56	30.00
2452MHz	Pass	3.50	17.04	17.04	30.00
2457MHz	Pass	3.50	16.33	16.33	30.00
2462MHz	Pass	3.50	15.55	15.55	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	17.86	17.86	30.00
2417MHz	Pass	3.50	19.16	19.16	30.00
2437MHz	Pass	3.50	22.18	22.18	30.00
2457MHz	Pass	3.50	20.17	20.17	30.00
2462MHz	Pass	3.50	17.11	17.11	30.00
2467MHz	Pass	3.50	16.65	16.65	30.00
2472MHz	Pass	3.50	10.82	10.82	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.50	17.33	17.33	30.00
2437MHz	Pass	3.50	18.61	18.61	30.00
2452MHz	Pass	3.50	17.12	17.12	30.00
2457MHz	Pass	3.50	16.38	16.38	30.00
2462MHz	Pass	3.50	15.57	15.57	30.00

DG = Directional Gain; Port X = Port X output power



Average Power
<Full RU> Non-Beamforming Mode (2TX)

Appendix B.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.08	0.32211
802.11b_Nss1,(1Mbps)_2TX	16.68	0.04656
802.11g_Nss1,(6Mbps)_2TX	25.45	0.35075
VHT20_Nss1,(MCS0)_2TX	25.12	0.32509
VHT40_Nss1,(MCS0)_2TX	19.54	0.08995
802.11ax HEW20_Nss1,(MCS0)_2TX	25.16	0.32810
802.11ax HEW40_Nss1,(MCS0)_2TX	19.69	0.09311



Average Power
<Full RU> Non-Beamforming Mode (2TX)

Appendix B.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	20.69	20.84	23.78	30.00
2437MHz	Pass	3.50	22.06	22.08	25.08	30.00
2457MHz	Pass	3.50	18.87	19.13	22.01	30.00
2462MHz	Pass	3.50	19.17	19.54	22.37	30.00
2467MHz	Pass	3.50	12.36	12.7	15.54	30.00
2472MHz	Pass	3.50	5.92	6.15	9.05	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.50	12.62	12.99	15.82	30.00
2437MHz	Pass	3.50	13.52	13.82	16.68	30.00
2447MHz	Pass	3.50	11.51	11.9	14.72	30.00
2452MHz	Pass	3.50	5.07	5.3	8.20	30.00
2457MHz	Pass	3.50	5.14	5.28	8.22	30.00
2462MHz	Pass	3.50	4.48	4.81	7.66	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	17.62	17.89	20.77	30.00
2417MHz	Pass	3.50	18.64	18.77	21.72	30.00
2437MHz	Pass	3.50	22.43	22.44	25.45	30.00
2457MHz	Pass	3.50	18.94	19.04	22.00	30.00
2462MHz	Pass	3.50	16.83	16.98	19.92	30.00
2467MHz	Pass	3.50	16.35	16.62	19.50	30.00
2472MHz	Pass	3.50	10.46	10.8	13.64	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	17.19	17.27	20.24	30.00
2417MHz	Pass	3.50	18.88	18.95	21.93	30.00
2437MHz	Pass	3.50	22.03	22.18	25.12	30.00
2457MHz	Pass	3.50	17.82	18.02	20.93	30.00
2462MHz	Pass	3.50	16.01	16.11	19.07	30.00
2467MHz	Pass	3.50	15.88	16.02	18.96	30.00
2472MHz	Pass	3.50	5.41	5.66	8.55	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.50	16.41	16.65	19.54	30.00
2437MHz	Pass	3.50	16.26	16.38	19.33	30.00
2452MHz	Pass	3.50	14.95	15.13	18.05	30.00
2457MHz	Pass	3.50	14.59	14.93	17.77	30.00
2462MHz	Pass	3.50	12.61	12.88	15.76	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	17.18	17.43	20.32	30.00
2417MHz	Pass	3.50	18.87	19.03	21.96	30.00
2437MHz	Pass	3.50	22.09	22.2	25.16	30.00
2457MHz	Pass	3.50	17.92	18.06	21.00	30.00
2462MHz	Pass	3.50	16.11	16.19	19.16	30.00
2467MHz	Pass	3.50	15.9	16.14	19.03	30.00
2472MHz	Pass	3.50	5.48	5.75	8.63	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.50	16.53	16.82	19.69	30.00
2437MHz	Pass	3.50	16.31	16.48	19.41	30.00
2452MHz	Pass	3.50	15.01	15.21	18.12	30.00
2457MHz	Pass	3.50	14.7	14.96	17.84	30.00
2462MHz	Pass	3.50	12.77	12.92	15.86	30.00

DG = Directional Gain; Port X = Port X output power



Average Power
<Full RU> Beamforming Mode (2TX)

Appendix B.3

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.16	0.32810
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.69	0.09311



Average Power
<Full RU> Beamforming Mode (2TX)

Appendix B.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	17.18	17.43	20.32	29.49
2417MHz	Pass	6.51	18.87	19.03	21.96	29.49
2437MHz	Pass	6.51	22.09	22.2	25.16	29.49
2457MHz	Pass	6.51	17.92	18.06	21.00	29.49
2462MHz	Pass	6.51	16.11	16.19	19.16	29.49
2467MHz	Pass	6.51	15.9	16.14	19.03	29.49
2472MHz	Pass	6.51	5.48	5.75	8.63	29.49
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.51	16.53	16.82	19.69	29.49
2437MHz	Pass	6.51	16.31	16.48	19.41	29.49
2452MHz	Pass	6.51	15.01	15.21	18.12	29.49
2457MHz	Pass	6.51	14.70	14.96	17.84	29.49
2462MHz	Pass	6.51	12.77	12.92	15.86	29.49

DG = Directional Gain; Port X = Port X output power



Average Power
<Partial RU> RU 26 (1TX)

Appendix B.4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.19	0.13152



Average Power
<Partial RU> RU 26 (1TX)

Appendix B.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	16.81	16.81	30.00
2437MHz	Pass	3.50	21.19	21.19	30.00
2462MHz	Pass	3.50	13.01	13.01	30.00
2467MHz	Pass	3.50	8.47	8.47	30.00
2472MHz	Pass	3.50	-3.08	-3.08	30.00

DG = Directional Gain; Port X = Port X output power



Average Power
<Partial RU> RU 26 (2TX)

Appendix B.5

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	23.54	0.22594



Average Power
<Partial RU> RU 26 (2TX)

Appendix B.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	15.89	16.06	18.99	30.00
2437MHz	Pass	3.50	20.51	20.55	23.54	30.00
2462MHz	Pass	3.50	12.24	12.48	15.37	30.00
2467MHz	Pass	3.50	7.37	7.51	10.45	30.00
2472MHz	Pass	3.50	-5.75	-5.59	-2.66	30.00

DG = Directional Gain; Port X = Port X output power



Average Power
<Partial RU> RU 52 (1TX)

Appendix B.6

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	22.02	0.15922



Average Power
<Partial RU> RU 52 (1TX)

Appendix B.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	18.09	18.09	30.00
2437MHz	Pass	3.50	22.02	22.02	30.00
2462MHz	Pass	3.50	15.30	15.30	30.00
2467MHz	Pass	3.50	10.92	10.92	30.00
2472MHz	Pass	3.50	2.70	2.70	30.00

DG = Directional Gain; Port X = Port X output power



Average Power
<Partial RU> RU 52 (2TX)

Appendix B.7

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	25.38	0.34514



Average Power
<Partial RU> RU 52 (2TX)

Appendix B.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	16.16	16.39	19.29	30.00
2437MHz	Pass	3.50	22.34	22.40	25.38	30.00
2462MHz	Pass	3.50	13.78	14.07	16.94	30.00
2467MHz	Pass	3.50	8.93	9.09	12.02	30.00
2472MHz	Pass	3.50	0.05	0.24	3.16	30.00

DG = Directional Gain; Port X = Port X output power



Average Power
<Partial RU> RU 106 (1TX)

Appendix B.8

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	22.48	0.17701



Average Power
<Partial RU> RU 106 (1TX)

Appendix B.8

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	19.37	19.37	30.00
2437MHz	Pass	3.50	22.48	22.48	30.00
2462MHz	Pass	3.50	17.75	17.75	30.00
2467MHz	Pass	3.50	13.91	13.91	30.00
2472MHz	Pass	3.50	5.70	5.70	30.00

DG = Directional Gain; Port X = Port X output power



Average Power
<Partial RU> RU 106 (2TX)

Appendix B.9

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	25.40	0.34674



Average Power
<Partial RU> RU 106 (2TX)

Appendix B.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	17.73	17.97	20.86	30.00
2437MHz	Pass	3.50	22.41	22.36	25.40	30.00
2462MHz	Pass	3.50	17.48	17.64	20.57	30.00
2467MHz	Pass	3.50	12.91	13.20	16.07	30.00
2472MHz	Pass	3.50	3.20	3.59	6.41	30.00

DG = Directional Gain; Port X = Port X output power