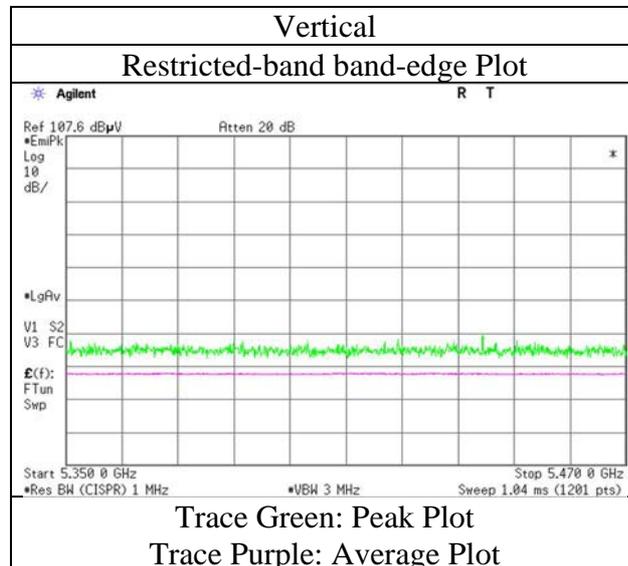
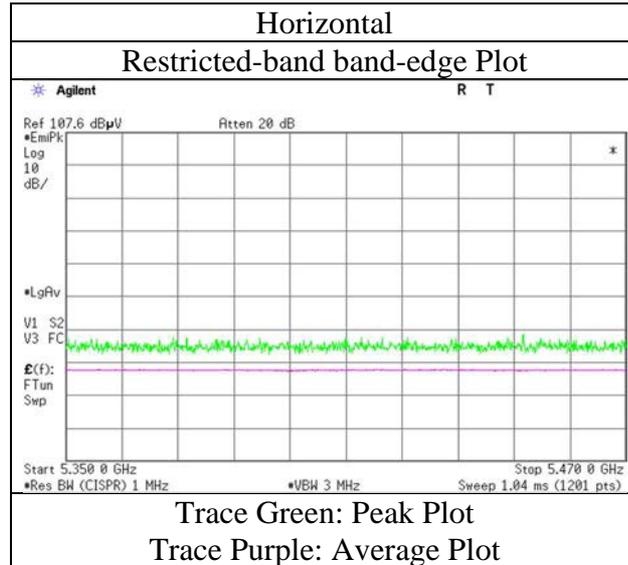


Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (242-tone RU)

RU Index 61



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

Ise EMC Lab.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5530 MHz (484-tone RU)

RU Index 65

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	PK	43.0	31.7	5.5	33.5	-	46.7	68.2	21.5	
Hori.	5470.000	PK	44.5	31.7	5.5	33.5	-	48.2	68.2	20.0	
Hori.	5460.000	AV	34.9	31.7	5.5	33.5	0.3	38.9	53.9	15.0	*1)
Vert.	5460.000	PK	42.0	31.7	5.5	33.5	-	45.7	68.2	22.5	
Vert.	5470.000	PK	42.5	31.7	5.5	33.5	-	46.2	68.2	22.0	
Vert.	5460.000	AV	34.4	31.7	5.5	33.5	0.3	38.4	53.9	15.5	*1)

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

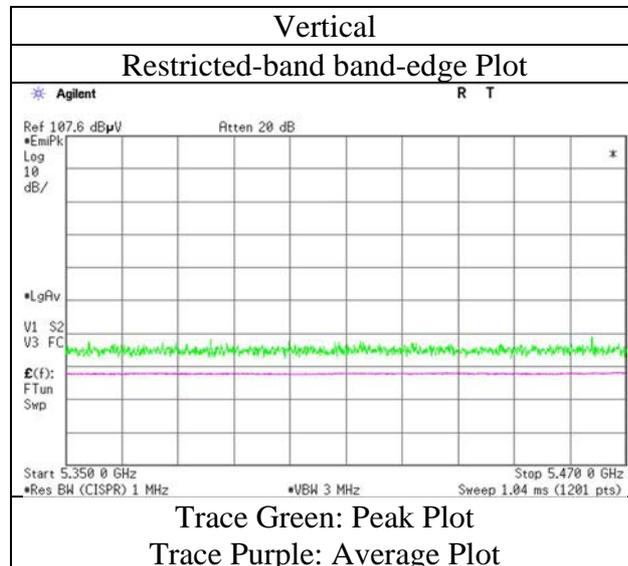
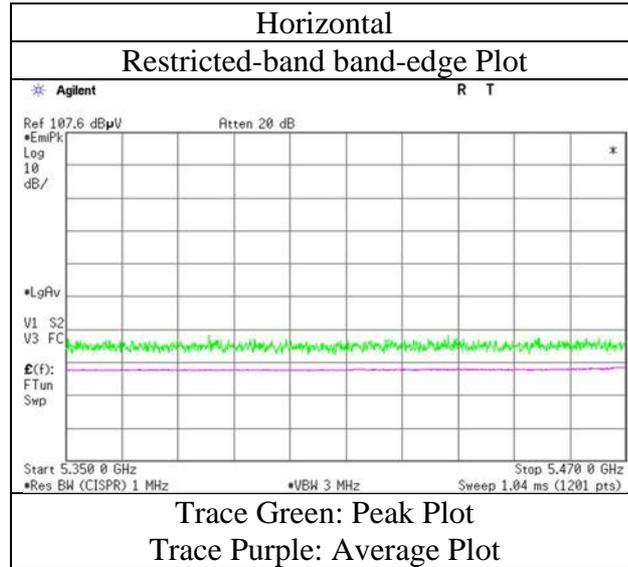
Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

*1) Not Out of Band emission(Leakage Power)

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (484-tone RU)

RU Index 65



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5530 MHz (996-tone RU)

RU Index 67

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	PK	50.0	31.7	5.5	33.5	-	53.7	68.2	14.5	
Hori.	5470.000	PK	53.2	31.7	5.5	33.5	-	56.9	68.2	11.3	
Hori.	5460.000	AV	40.4	31.7	5.5	33.5	0.3	44.4	53.9	9.5	*1)
Vert.	5460.000	PK	40.9	31.7	5.5	33.5	-	44.6	68.2	23.6	
Vert.	5470.000	PK	53.4	31.7	5.5	33.5	-	57.1	68.2	11.1	
Vert.	5460.000	AV	41.9	31.7	5.5	33.5	0.3	45.9	53.9	8.0	*1)

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

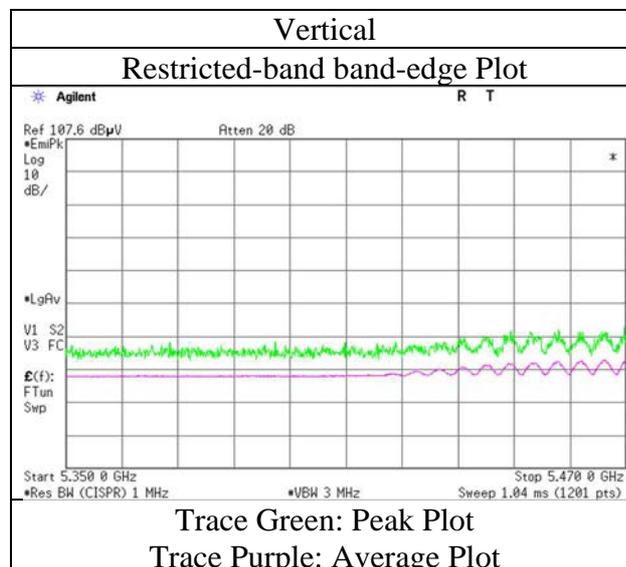
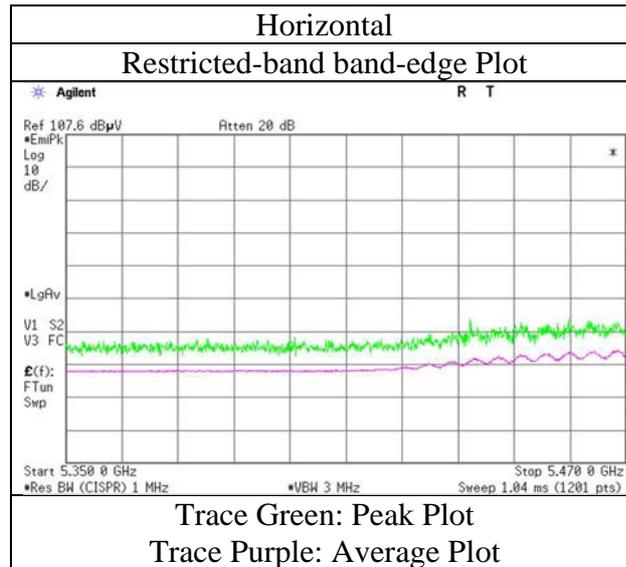
Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

*1) Not Out of Band emission(Leakage Power)

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (996-tone RU)

RU Index 67



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5610 MHz (26-tone RU)

RU Index 36

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5725.000	PK	41.8	31.9	5.6	33.5	-	45.8	68.2	22.4	
Vert.	5725.000	PK	41.5	31.9	5.6	33.5	-	45.5	68.2	22.7	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

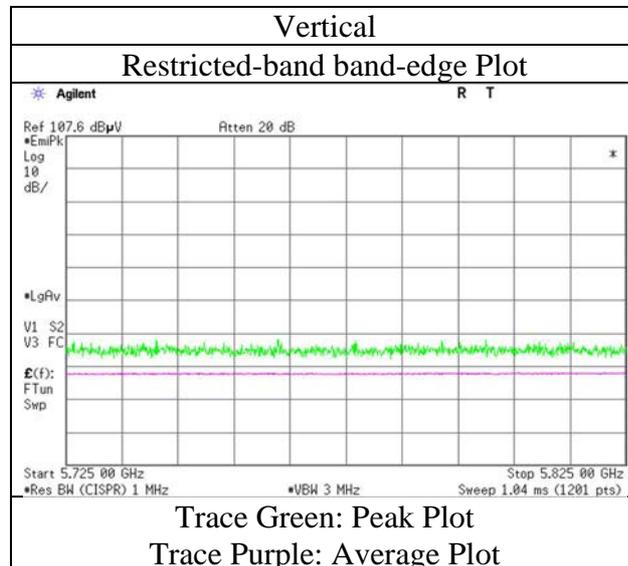
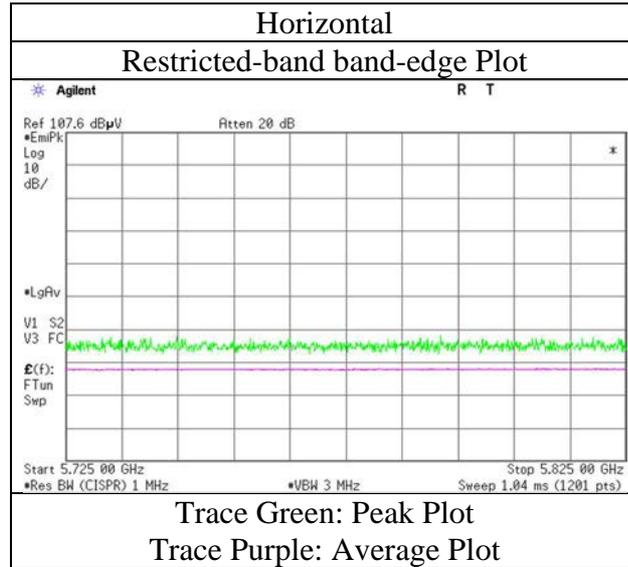
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (26-tone RU)

RU Index 36



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5610 MHz (52-tone RU)

RU Index 52

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5725.000	PK	42.2	31.9	5.6	33.5	-	46.2	68.2	22.0	
Vert.	5725.000	PK	41.8	31.9	5.6	33.5	-	45.8	68.2	22.4	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

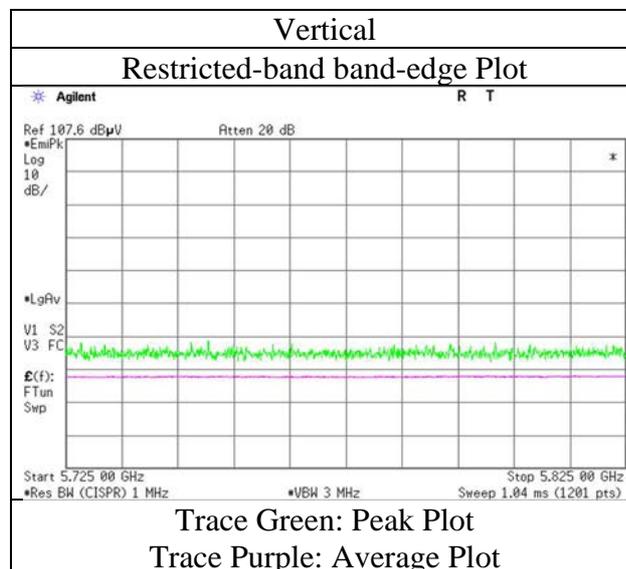
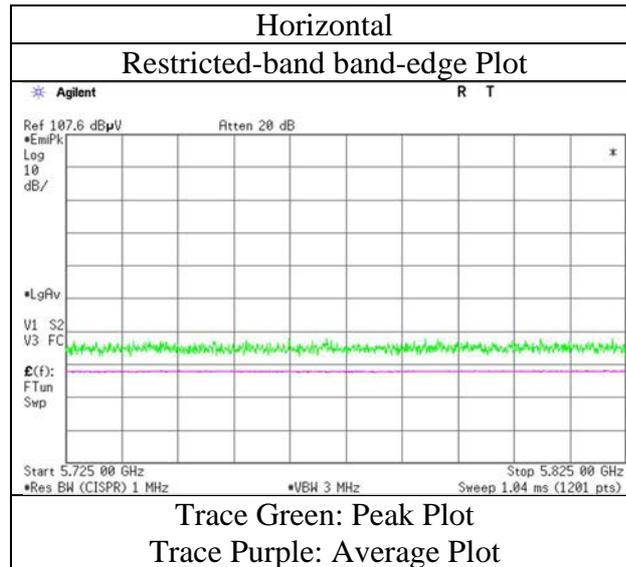
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (52-tone RU)

RU Index 52



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5610 MHz (106-tone RU)

RU Index 60

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5725.000	PK	42.1	31.9	5.6	33.5	-	46.1	68.2	22.1	
Vert.	5725.000	PK	41.9	31.9	5.6	33.5	-	45.9	68.2	22.3	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

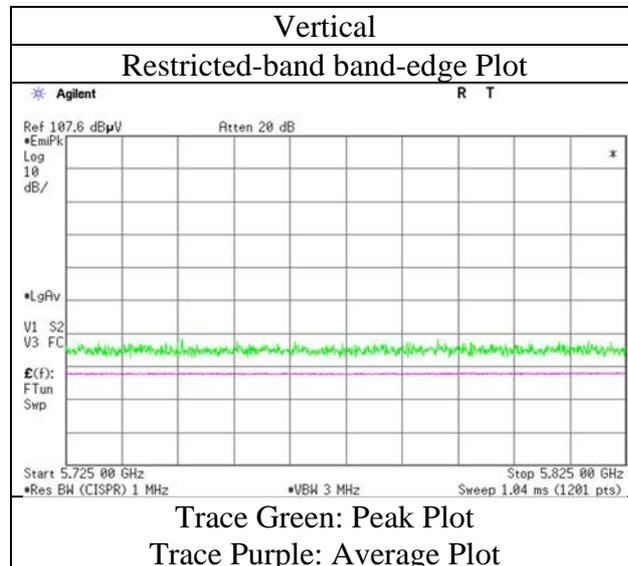
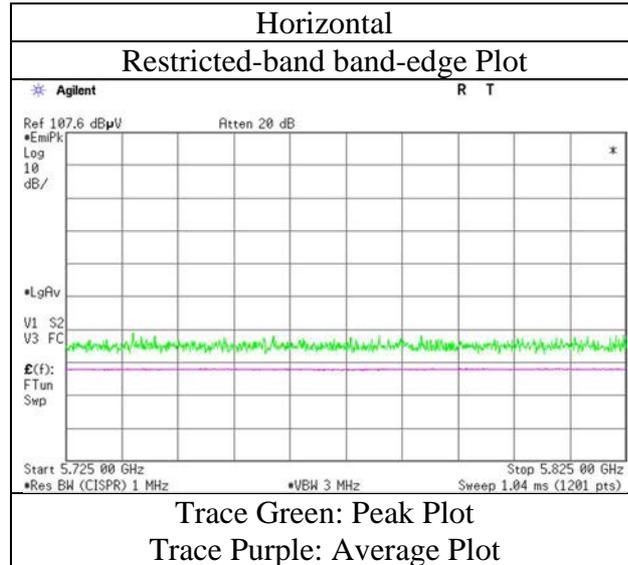
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (106-tone RU)

RU Index 60



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5610 MHz (242-tone RU)

RU Index 64

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5725.000	PK	42.6	31.9	5.6	33.5	-	46.6	68.2	21.6	
Vert.	5725.000	PK	42.1	31.9	5.6	33.5	-	46.1	68.2	22.1	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

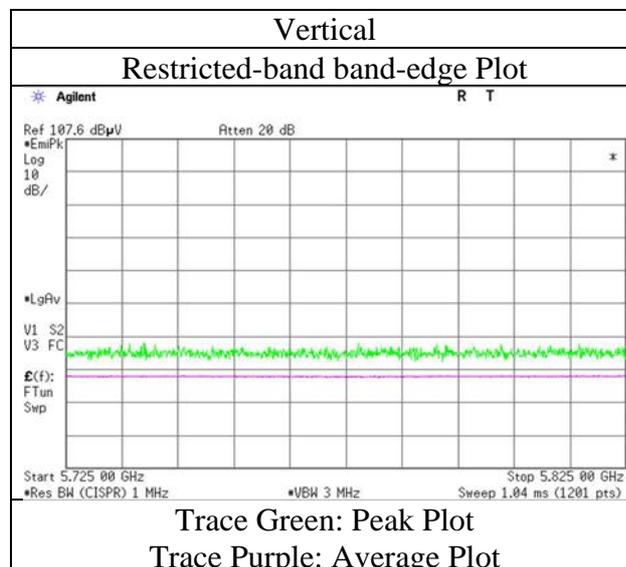
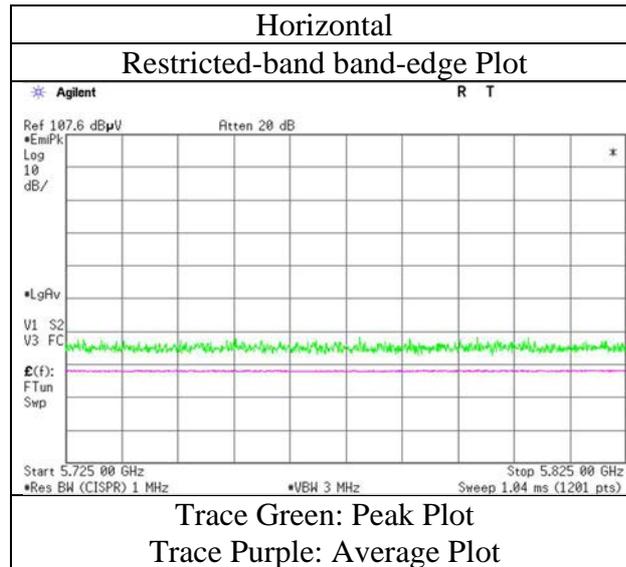
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (242-tone RU)

RU Index 64



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5610 MHz (484-tone RU)

RU Index 66

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5725.000	PK	43.3	31.9	5.6	33.5	-	47.3	68.2	20.9	
Vert.	5725.000	PK	42.4	31.9	5.6	33.5	-	46.4	68.2	21.8	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

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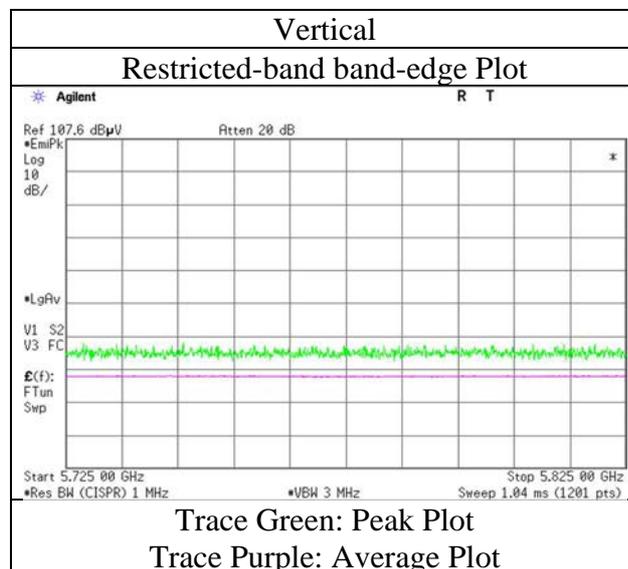
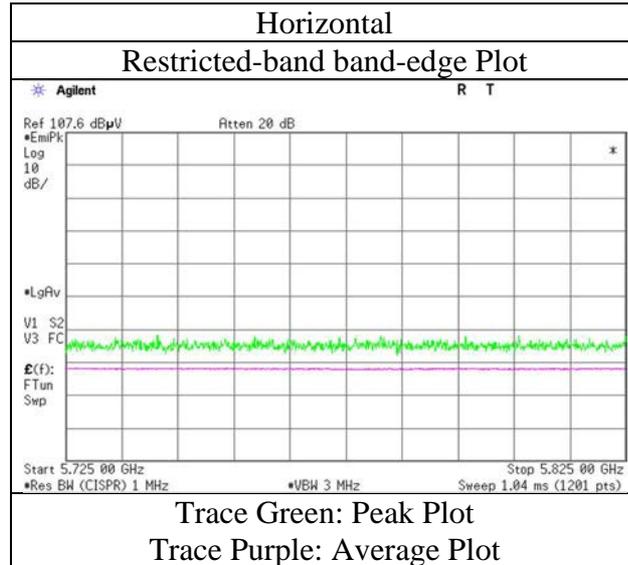
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5610 MHz (484-tone RU)

RU Index 66



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 25, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5610 MHz (996-tone RU)

RU Index 67

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5725.000	PK	44.2	31.9	5.6	33.5	-	48.2	68.2	20.0	
Vert.	5725.000	PK	42.4	31.9	5.6	33.5	-	46.4	68.2	21.8	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

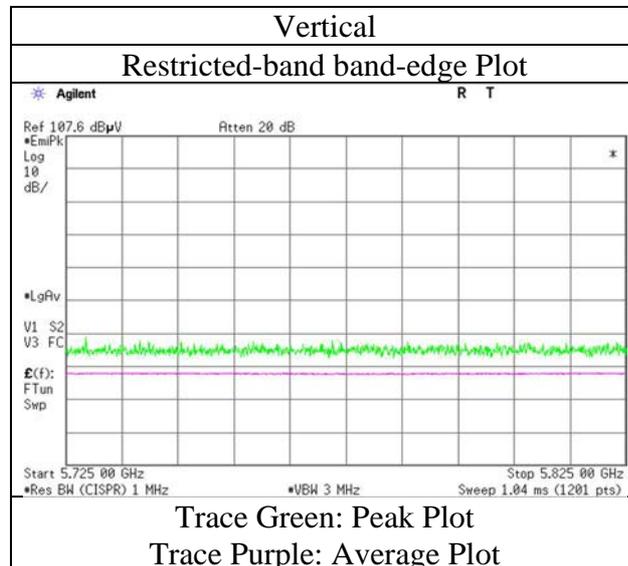
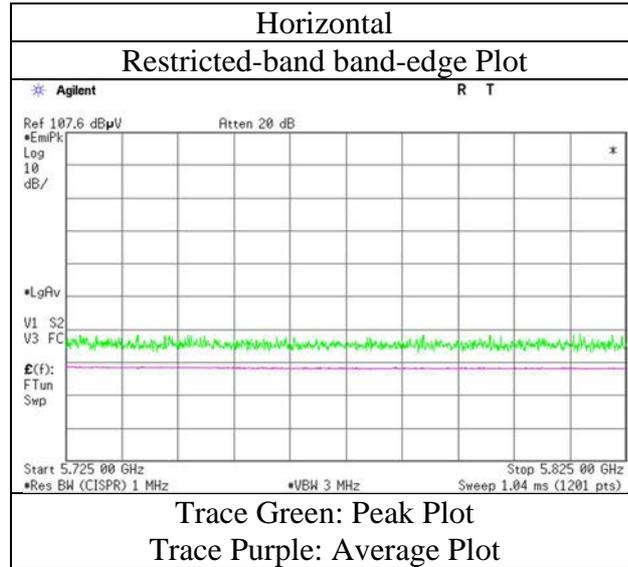
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Akihiko Maeda (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (996-tone RU)

RU Index 67



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 0

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5650.000	PK	42.0	31.8	5.6	33.5	-	45.8	68.2	22.4	
Hori.	5700.000	PK	42.2	31.8	5.6	33.5	-	46.1	105.2	59.1	
Hori.	5720.000	PK	41.7	31.9	5.6	33.5	-	45.6	110.8	65.2	
Hori.	5725.000	PK	41.9	31.9	5.6	33.5	-	45.9	122.2	76.3	
Vert.	5650.000	PK	41.7	31.8	5.6	33.5	-	45.6	68.2	22.6	
Vert.	5700.000	PK	41.9	31.8	5.6	33.5	-	45.9	105.2	59.4	
Vert.	5720.000	PK	41.7	31.9	5.6	33.5	-	45.7	110.8	65.1	
Vert.	5725.000	PK	42.4	31.9	5.6	33.5	-	46.4	122.2	75.8	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

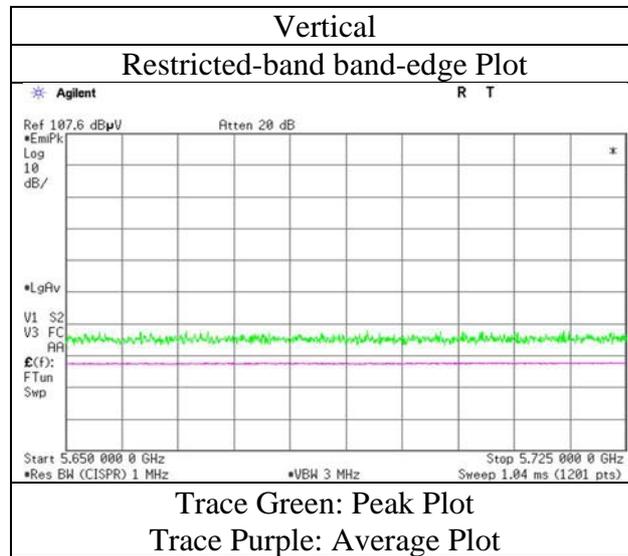
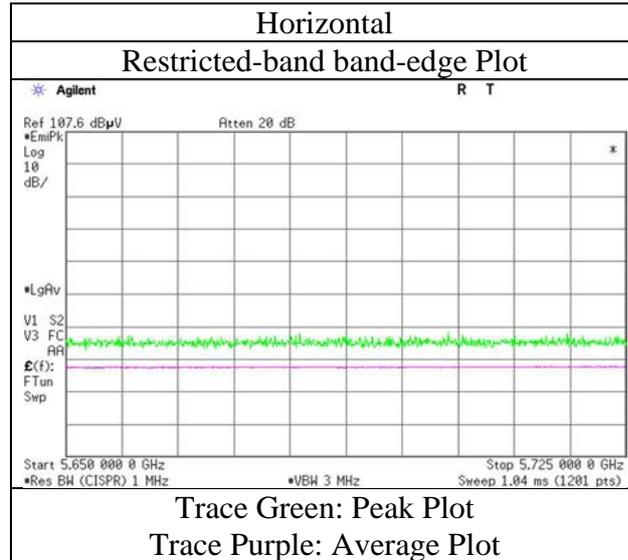
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 26, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Yuta Moriya
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 0



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 37

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5650.000	PK	42.6	31.8	5.6	33.5	-	46.5	68.2	21.7	
Hori.	5700.000	PK	42.8	31.8	5.6	33.5	-	46.7	105.2	58.5	
Hori.	5720.000	PK	42.0	31.9	5.6	33.5	-	46.0	110.8	64.8	
Hori.	5725.000	PK	42.6	31.9	5.6	33.5	-	46.5	122.2	75.7	
Vert.	5650.000	PK	41.9	31.8	5.6	33.5	-	45.8	68.2	22.4	
Vert.	5700.000	PK	41.2	31.8	5.6	33.5	-	45.1	105.2	60.1	
Vert.	5720.000	PK	41.4	31.9	5.6	33.5	-	45.4	110.8	65.4	
Vert.	5725.000	PK	42.5	31.9	5.6	33.5	-	46.5	122.2	75.7	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

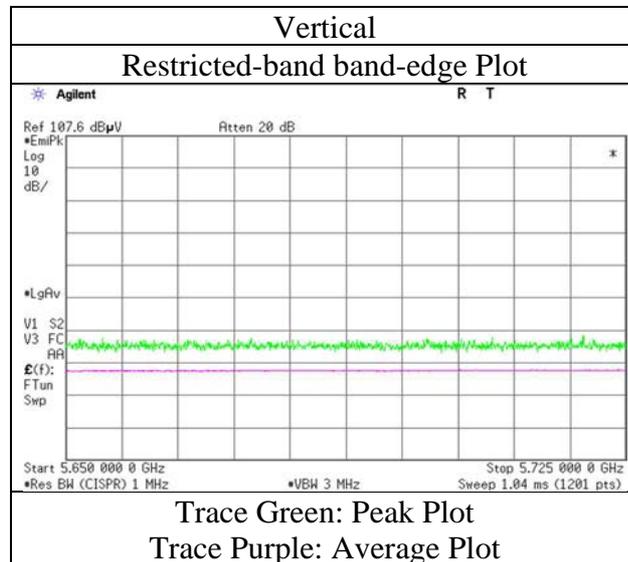
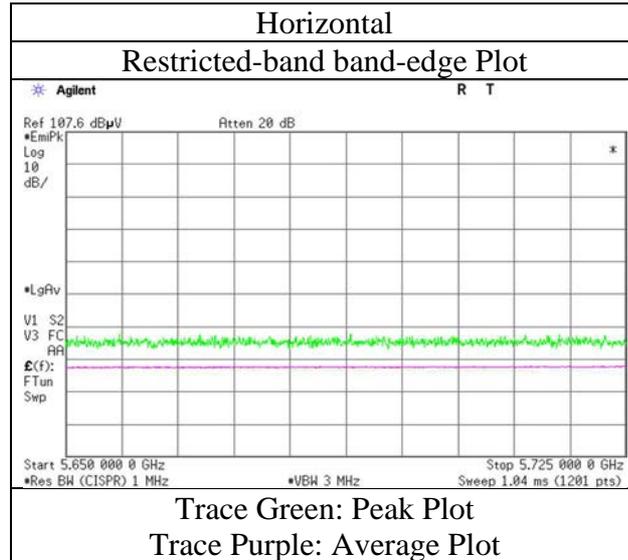
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 26, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Yuta Moriya
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 37



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

Ise EMC Lab.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 53

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5650.000	PK	41.9	31.8	5.6	33.5	-	45.8	68.2	22.4	
Hori.	5700.000	PK	42.3	31.8	5.6	33.5	-	46.2	105.2	59.0	
Hori.	5720.000	PK	42.0	31.9	5.6	33.5	-	46.0	110.8	64.8	
Hori.	5725.000	PK	43.2	31.9	5.6	33.5	-	47.1	122.2	75.1	
Vert.	5650.000	PK	41.6	31.8	5.6	33.5	-	45.5	68.2	22.8	
Vert.	5700.000	PK	42.2	31.8	5.6	33.5	-	46.1	105.2	59.1	
Vert.	5720.000	PK	41.7	31.9	5.6	33.5	-	45.7	110.8	65.1	
Vert.	5725.000	PK	42.4	31.9	5.6	33.5	-	46.3	122.2	75.9	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

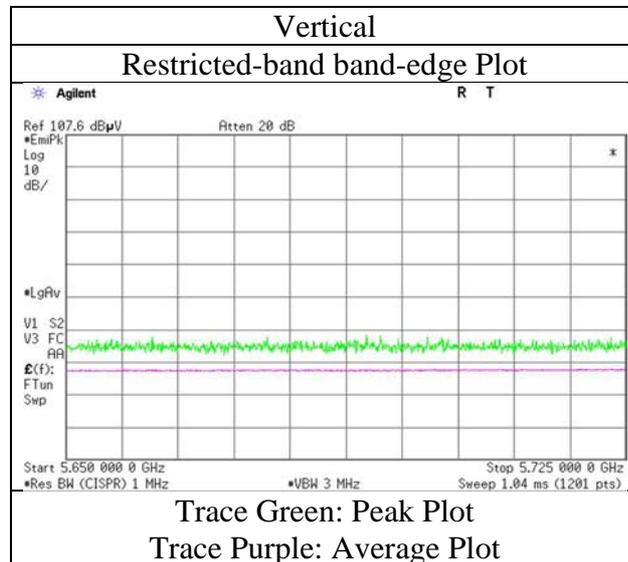
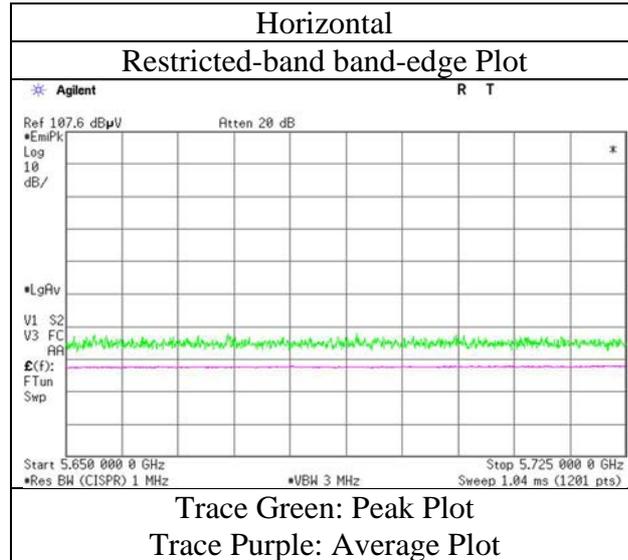
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 53



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 61

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5650.000	PK	42.4	31.8	5.6	33.5	-	46.3	68.2	21.9	
Hori.	5700.000	PK	43.9	31.8	5.6	33.5	-	47.8	105.2	57.4	
Hori.	5720.000	PK	44.3	31.9	5.6	33.5	-	48.2	110.8	62.6	
Hori.	5725.000	PK	45.3	31.9	5.6	33.5	-	49.2	122.2	73.0	
Vert.	5650.000	PK	42.1	31.8	5.6	33.5	-	45.9	68.2	22.3	
Vert.	5700.000	PK	42.8	31.8	5.6	33.5	-	46.7	105.2	58.5	
Vert.	5720.000	PK	44.4	31.9	5.6	33.5	-	48.4	110.8	62.4	
Vert.	5725.000	PK	45.3	31.9	5.6	33.5	-	49.3	122.2	72.9	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

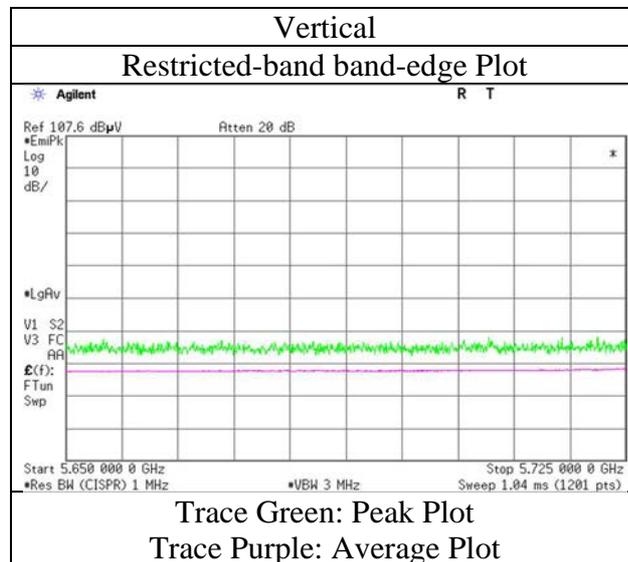
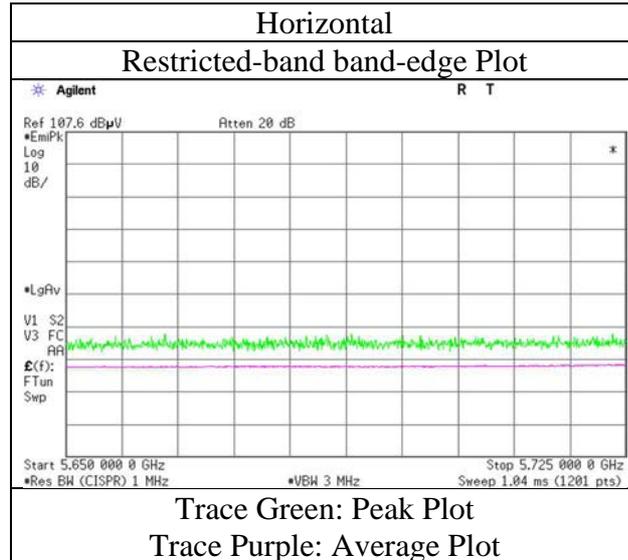
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 61



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 65

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5650.000	PK	43.3	31.8	5.6	33.5	-	47.2	68.2	21.0	
Hori.	5700.000	PK	44.3	31.8	5.6	33.5	-	48.2	105.2	57.0	
Hori.	5720.000	PK	46.3	31.9	5.6	33.5	-	50.2	110.8	60.6	
Hori.	5725.000	PK	49.1	31.9	5.6	33.5	-	53.0	122.2	69.2	
Vert.	5650.000	PK	42.2	31.8	5.6	33.5	-	46.1	68.2	22.2	
Vert.	5700.000	PK	43.1	31.8	5.6	33.5	-	47.0	105.2	58.2	
Vert.	5720.000	PK	45.4	31.9	5.6	33.5	-	49.3	110.8	61.5	
Vert.	5725.000	PK	44.3	31.9	5.6	33.5	-	48.3	122.2	73.9	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

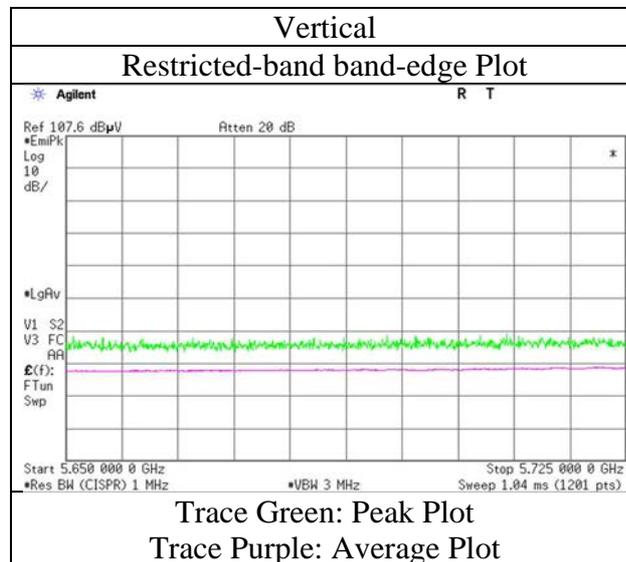
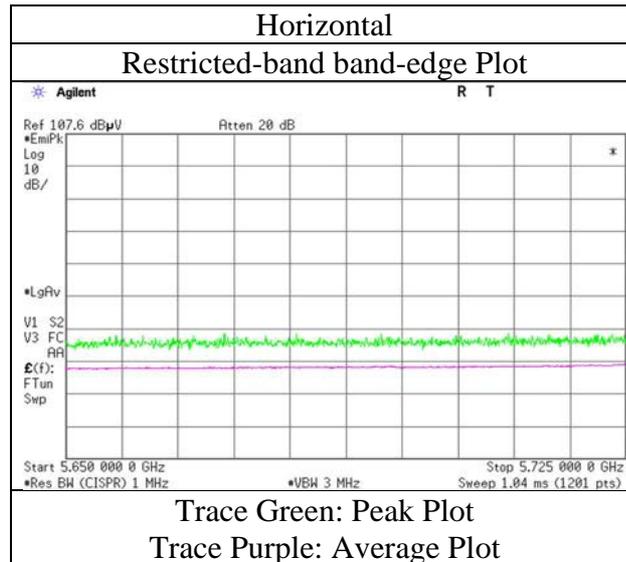
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 26, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Yuta Moriya
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 65



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 36

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5850.000	PK	41.5	32.3	5.7	33.5	-	45.9	122.2	76.3	
Hori.	5855.000	PK	41.9	32.3	5.7	33.5	-	46.3	110.8	64.5	
Hori.	5875.000	PK	41.8	32.3	5.7	33.5	-	46.3	105.2	58.9	
Hori.	5925.000	PK	41.5	32.4	5.7	33.5	-	46.0	68.2	22.2	
Vert.	5850.000	PK	41.8	32.3	5.7	33.5	-	46.2	122.2	76.0	
Vert.	5855.000	PK	42.0	32.3	5.7	33.5	-	46.4	110.8	64.4	
Vert.	5875.000	PK	41.4	32.3	5.7	33.5	-	45.9	105.2	59.3	
Vert.	5925.000	PK	41.1	32.4	5.7	33.5	-	45.6	68.2	22.6	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

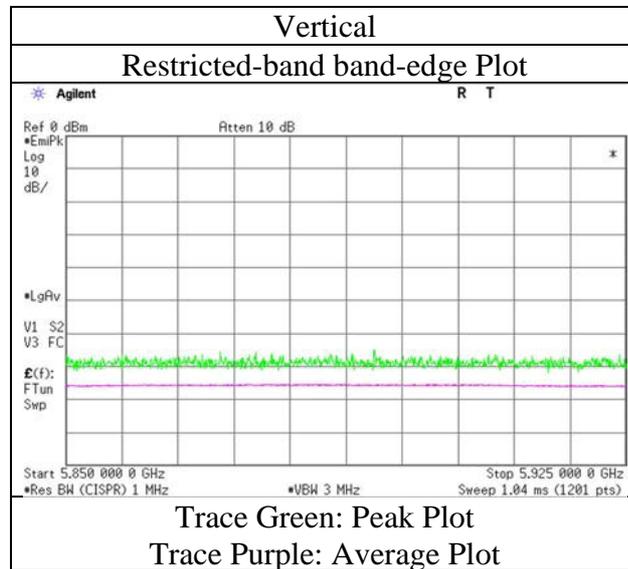
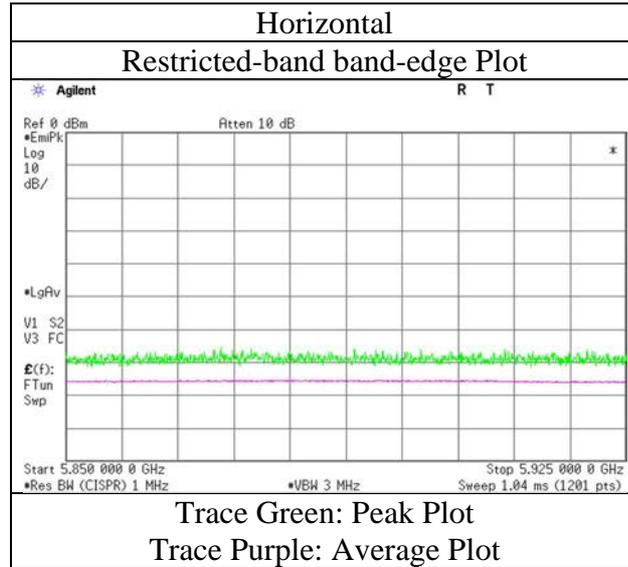
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz 20log(3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 26, 2021
Temperature / Humidity	20 deg. C / 41 % RH
Engineer	Akihiko Maeda
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 36



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 52

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5850.000	PK	41.7	32.3	5.7	33.5	-	46.1	122.2	76.1	
Hori.	5855.000	PK	41.5	32.3	5.7	33.5	-	45.9	110.8	64.9	
Hori.	5875.000	PK	41.8	32.3	5.7	33.5	-	46.3	105.2	58.9	
Hori.	5925.000	PK	41.4	32.4	5.7	33.5	-	45.9	68.2	22.3	
Vert.	5850.000	PK	41.5	32.3	5.7	33.5	-	45.9	122.2	76.3	
Vert.	5855.000	PK	41.9	32.3	5.7	33.5	-	46.3	110.8	64.5	
Vert.	5875.000	PK	41.6	32.3	5.7	33.5	-	46.1	105.2	59.1	
Vert.	5925.000	PK	41.4	32.4	5.7	33.5	-	45.9	68.2	22.3	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

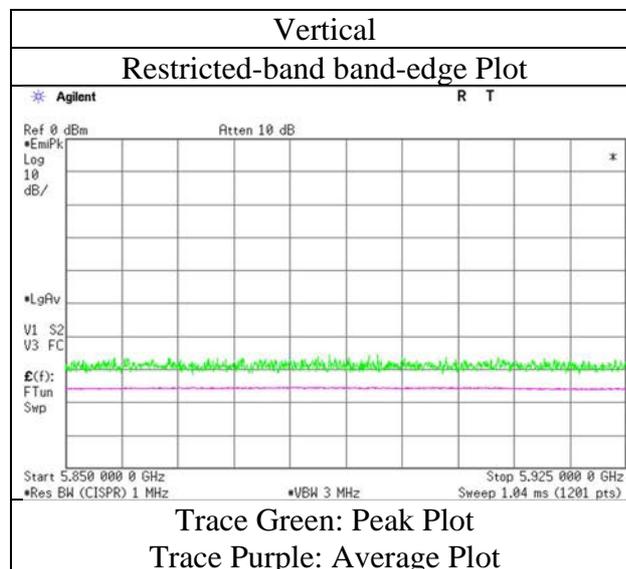
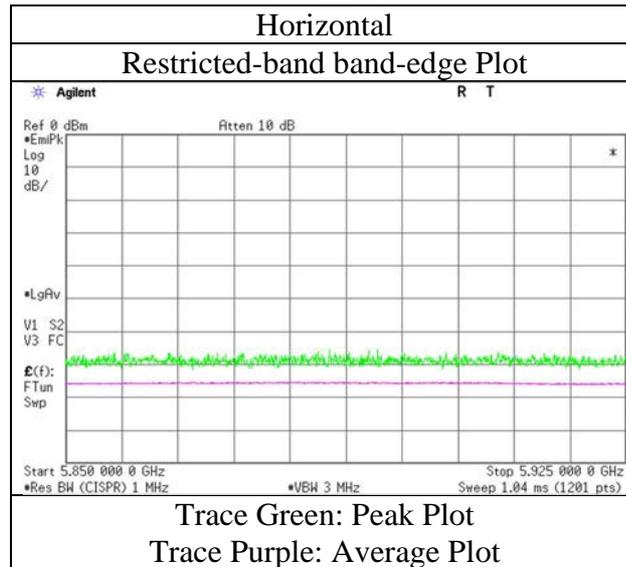
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 26, 2021
Temperature / Humidity	20 deg. C / 41 % RH
Engineer	Akihiko Maeda
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 52



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 60

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5850.000	PK	41.8	32.3	5.7	33.5	-	46.2	122.2	76.0	
Hori.	5855.000	PK	41.9	32.3	5.7	33.5	-	46.3	110.8	64.5	
Hori.	5875.000	PK	42.3	32.3	5.7	33.5	-	46.8	105.2	58.4	
Hori.	5925.000	PK	41.5	32.4	5.7	33.5	-	46.0	68.2	22.2	
Vert.	5850.000	PK	41.7	32.3	5.7	33.5	-	46.1	122.2	76.1	
Vert.	5855.000	PK	41.6	32.3	5.7	33.5	-	46.0	110.8	64.8	
Vert.	5875.000	PK	41.8	32.3	5.7	33.5	-	46.3	105.2	58.9	
Vert.	5925.000	PK	41.3	32.4	5.7	33.5	-	45.8	68.2	22.4	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

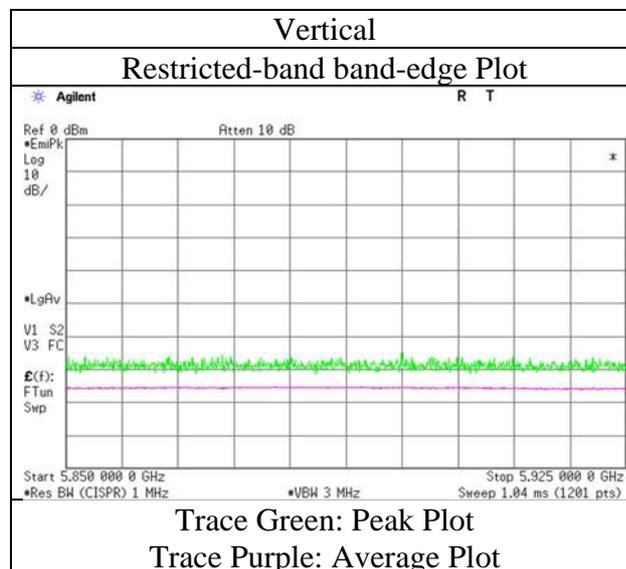
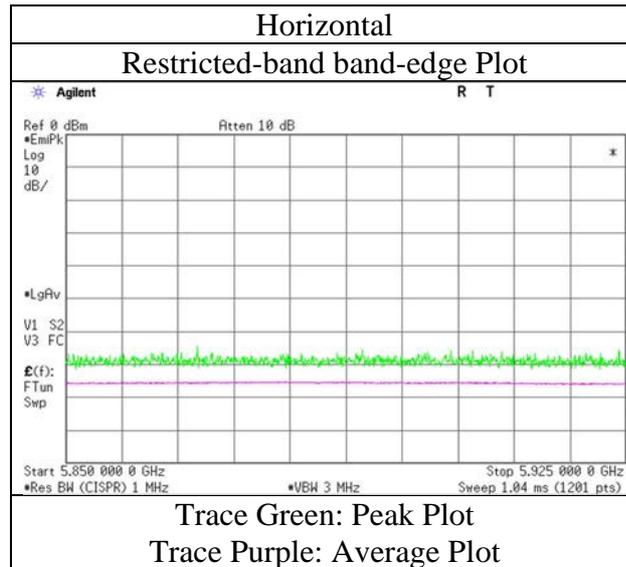
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 26, 2021
Temperature / Humidity	20 deg. C / 41 % RH
Engineer	Akihiko Maeda
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 60



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 64

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5850.000	PK	41.9	32.3	5.7	33.5	-	46.3	122.2	75.9	
Hori.	5855.000	PK	41.7	32.3	5.7	33.5	-	46.1	110.8	64.7	
Hori.	5875.000	PK	42.2	32.3	5.7	33.5	-	46.7	105.2	58.5	
Hori.	5925.000	PK	41.6	32.4	5.7	33.5	-	46.1	68.2	22.1	
Vert.	5850.000	PK	41.8	32.3	5.7	33.5	-	46.2	122.2	76.0	
Vert.	5855.000	PK	41.7	32.3	5.7	33.5	-	46.1	110.8	64.7	
Vert.	5875.000	PK	41.8	32.3	5.7	33.5	-	46.3	105.2	58.9	
Vert.	5925.000	PK	41.3	32.4	5.7	33.5	-	45.8	68.2	22.4	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

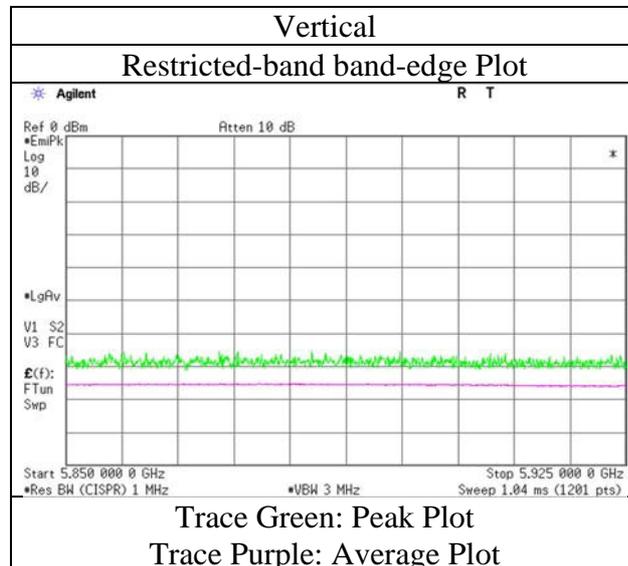
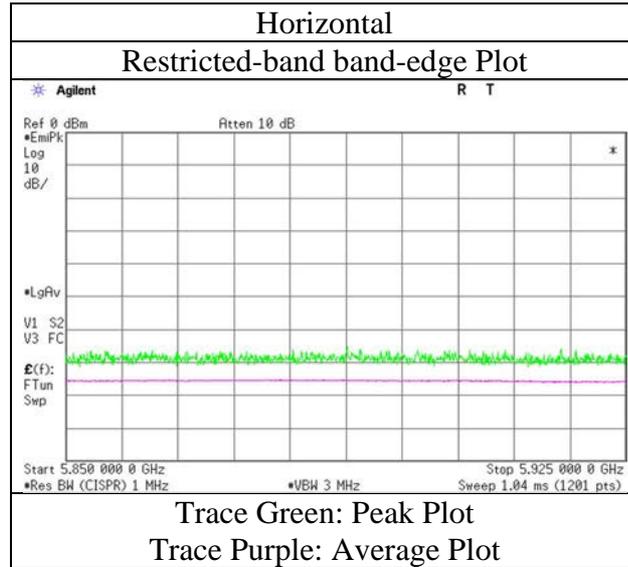
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 64



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

Ise EMC Lab.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 66

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5850.000	PK	42.8	32.3	5.7	33.5	-	47.2	122.2	75.0	
Hori.	5855.000	PK	42.1	32.3	5.7	33.5	-	46.5	110.8	64.3	
Hori.	5875.000	PK	42.3	32.3	5.7	33.5	-	46.8	105.2	58.4	
Hori.	5925.000	PK	42.0	32.4	5.7	33.5	-	46.5	68.2	21.7	
Vert.	5850.000	PK	42.7	32.3	5.7	33.5	-	47.1	122.2	75.1	
Vert.	5855.000	PK	42.4	32.3	5.7	33.5	-	46.8	110.8	64.0	
Vert.	5875.000	PK	42.0	32.3	5.7	33.5	-	46.5	105.2	58.7	
Vert.	5925.000	PK	41.5	32.4	5.7	33.5	-	46.0	68.2	22.2	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

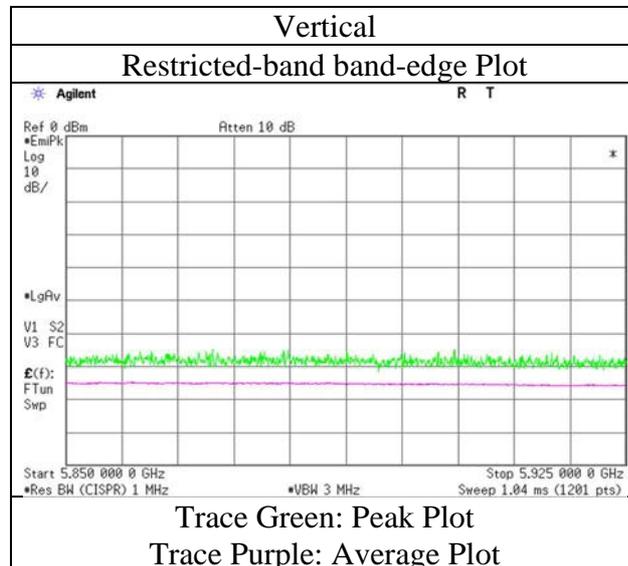
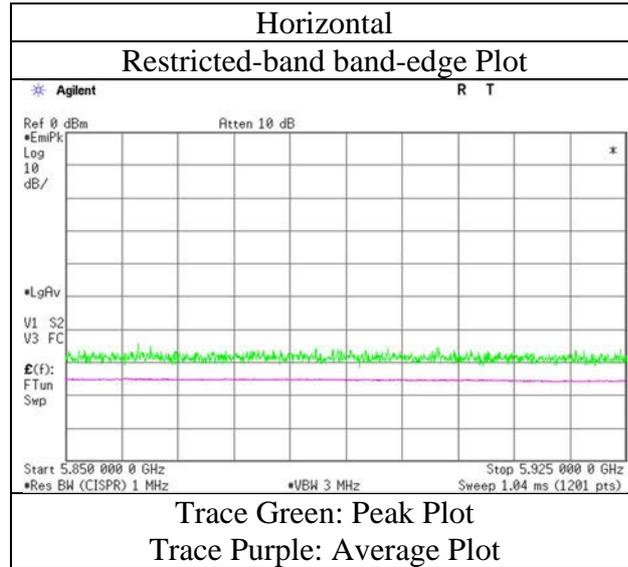
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 66



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

Ise EMC Lab.

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Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 22 deg. C / 48 % RH
Engineer Yuta Moriya
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5775 MHz (996-tone RU)

RU Index 67

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5650.000	PK	42.3	31.8	5.6	33.5	-	46.2	68.2	22.1	
Hori.	5700.000	PK	46.2	31.8	5.6	33.5	-	50.2	105.2	55.1	
Hori.	5720.000	PK	48.9	31.9	5.6	33.5	-	52.9	110.8	57.9	
Hori.	5725.000	PK	52.6	31.9	5.6	33.5	-	56.5	122.2	65.7	
Hori.	5850.000	PK	52.0	32.3	5.7	33.5	-	56.4	122.2	65.8	
Hori.	5855.000	PK	51.8	32.3	5.7	33.5	-	56.2	110.8	54.6	
Hori.	5875.000	PK	44.9	32.3	5.7	33.5	-	49.4	105.2	55.8	
Hori.	5925.000	PK	41.6	32.4	5.7	33.5	-	46.2	68.2	22.1	
Vert.	5650.000	PK	44.0	31.8	5.6	33.5	-	47.9	68.2	20.3	
Vert.	5700.000	PK	51.3	31.8	5.6	33.5	-	55.2	105.2	50.0	
Vert.	5720.000	PK	50.1	31.9	5.6	33.5	-	54.1	110.8	56.7	
Vert.	5725.000	PK	50.2	31.9	5.6	33.5	-	54.2	122.2	68.0	
Vert.	5850.000	PK	50.2	32.3	5.7	33.5	-	54.6	122.2	67.6	
Vert.	5855.000	PK	50.6	32.3	5.7	33.5	-	55.0	110.8	55.8	
Vert.	5875.000	PK	46.7	32.3	5.7	33.5	-	51.2	105.2	54.0	
Vert.	5925.000	PK	43.1	32.4	5.7	33.5	-	47.6	68.2	20.6	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

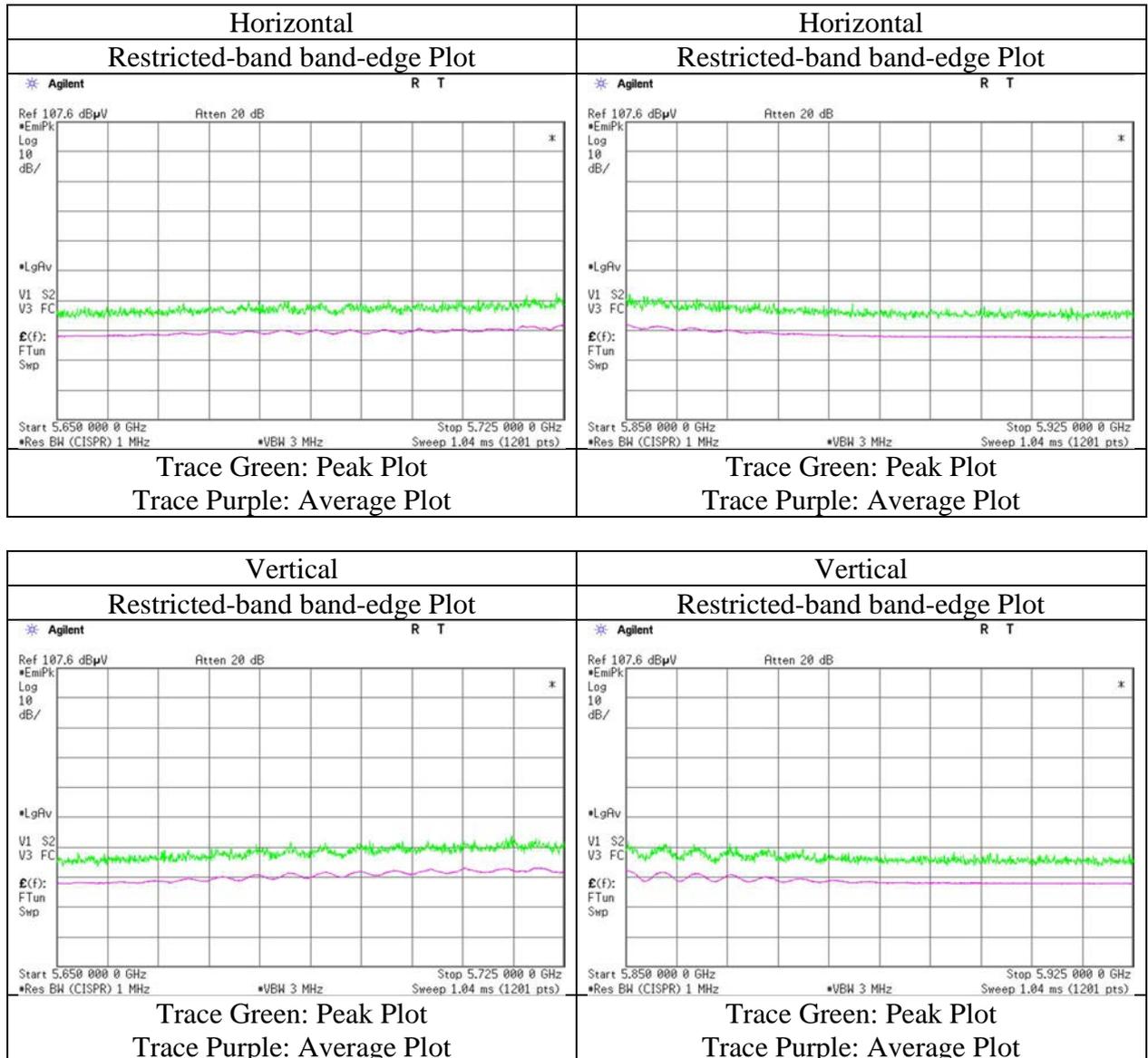
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$

Radiated Spurious Emission

Report No.	13671150H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 26, 2021
Temperature / Humidity	22 deg. C / 48 % RH
Engineer	Yuta Moriya
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (996-tone RU)

RU Index 67



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

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Radiated Spurious Emission

Report No.	13671150H		
Test place	Ise EMC Lab.		
Semi Anechoic Chamber	No.2	No.2	No.2
Date	January 26, 2021	January 26, 2021	January 27, 2021
Temperature / Humidity	20 deg. C / 41 % RH	20 deg. C / 41 % RH	20 deg. C / 50 % RH
Engineer	Akihiko Maeda	Akihiko Maeda	Junya Okuno
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 40 GHz)
Mode	Tx 11ax-80 5530 MHz (OFDM) + BT1 3DH5 Hopping		

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	50.914	QP	29.3	10.8	7.0	28.6	-	18.5	40.0	21.5	
Hori.	165.913	QP	32.5	15.3	8.0	28.2	-	27.5	43.5	16.0	
Hori.	360.572	QP	38.0	15.2	9.3	28.2	-	34.3	46.0	11.7	
Hori.	589.671	QP	33.0	19.1	10.1	29.4	-	32.9	46.0	13.1	
Hori.	595.320	QP	34.0	19.3	10.2	29.4	-	34.0	46.0	12.0	
Hori.	829.620	QP	32.3	21.1	11.1	29.1	-	35.3	46.0	10.7	
Hori.	5433.696	PK	51.9	31.7	5.5	33.5	-	55.6	73.9	18.3	
Hori.	5460.000	PK	49.8	31.7	5.5	33.5	-	53.5	68.2	14.7	
Hori.	5468.297	PK	54.0	31.7	5.5	33.5	-	57.7	68.2	10.5	
Hori.	5470.000	PK	50.8	31.7	5.5	33.5	-	54.5	68.2	13.7	
Hori.	11060.000	PK	42.2	40.0	-2.5	33.6	-	46.2	73.9	27.8	Floor noise
Hori.	16590.000	PK	44.3	39.9	-1.0	32.7	-	50.5	73.9	23.4	Floor noise
Hori.	5433.696	AV	41.7	31.7	5.5	33.5	0.8	46.2	53.9	7.7	*1)
Hori.	5460.000	AV	38.9	31.7	5.5	33.5	0.8	43.4	53.9	10.5	*1)
Hori.	11060.000	AV	34.5	40.0	-2.5	33.6	-	38.5	53.9	15.5	Floor noise
Vert.	50.881	QP	42.5	10.8	7.0	28.6	-	31.7	40.0	8.3	
Vert.	172.554	QP	33.5	15.6	8.0	28.2	-	28.9	43.5	14.6	
Vert.	360.572	QP	37.2	15.2	9.3	28.2	-	33.5	46.0	12.5	
Vert.	589.941	QP	37.4	19.1	10.1	29.4	-	37.3	46.0	8.7	
Vert.	595.620	QP	40.3	19.3	10.2	29.4	-	40.4	46.0	5.7	
Vert.	829.508	QP	31.7	21.1	11.1	29.1	-	34.7	46.0	11.3	
Vert.	5433.696	PK	51.2	31.7	5.5	33.5	-	54.9	73.9	19.0	
Vert.	5460.000	PK	46.6	31.7	5.5	33.5	-	50.3	68.2	17.9	
Vert.	5468.297	PK	52.8	31.7	5.5	33.5	-	56.5	68.2	11.7	
Vert.	5470.000	PK	49.3	31.7	5.5	33.5	-	53.0	68.2	15.2	
Vert.	11060.000	PK	42.2	40.0	-2.5	33.6	-	46.2	73.9	27.8	Floor noise
Vert.	16590.000	PK	44.3	39.9	-1.0	32.7	-	50.5	73.9	23.4	Floor noise
Vert.	5433.696	AV	40.9	31.7	5.5	33.5	0.8	45.4	53.9	8.5	*1)
Vert.	5460.000	AV	37.8	31.7	5.5	33.5	0.8	42.3	53.9	11.6	*1)
Vert.	11060.000	AV	34.5	40.0	-2.5	33.6	-	38.5	53.9	15.5	Floor noise

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

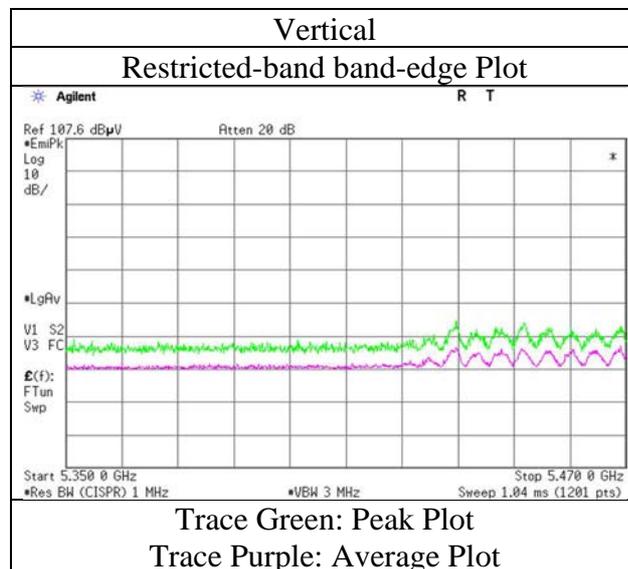
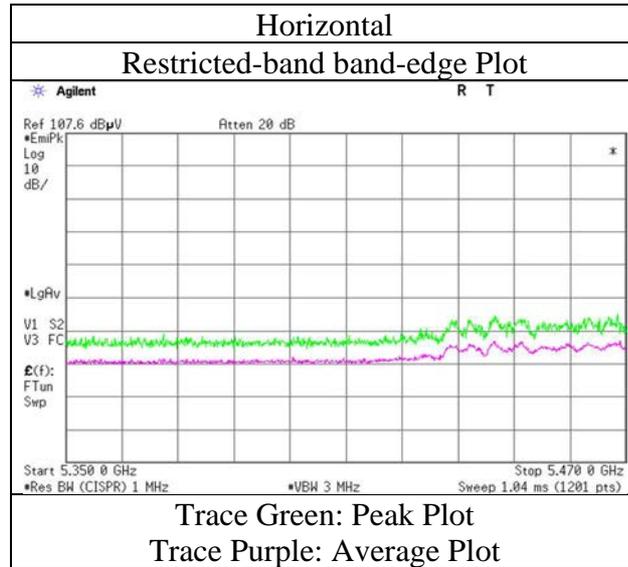
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$
 10 GHz - 40 GHz $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

*1) Not Out of Band emission(Leakage Power)

Radiated Spurious Emission

Report No. 13671150H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.2
Date January 26, 2021
Temperature / Humidity 20 deg. C / 41 % RH
Engineer Akihiko Maeda
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5530 MHz (OFDM) + BT1 3DH5 Hopping



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

UL Japan, Inc.

Ise EMC Lab.

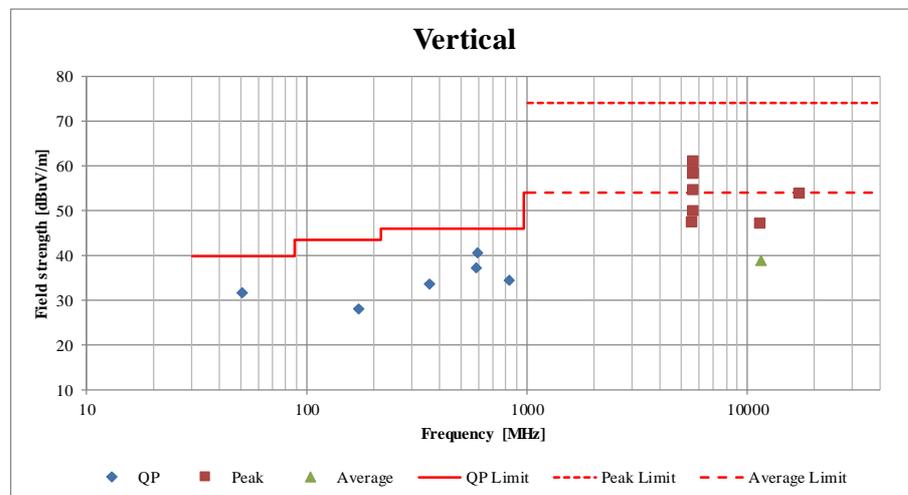
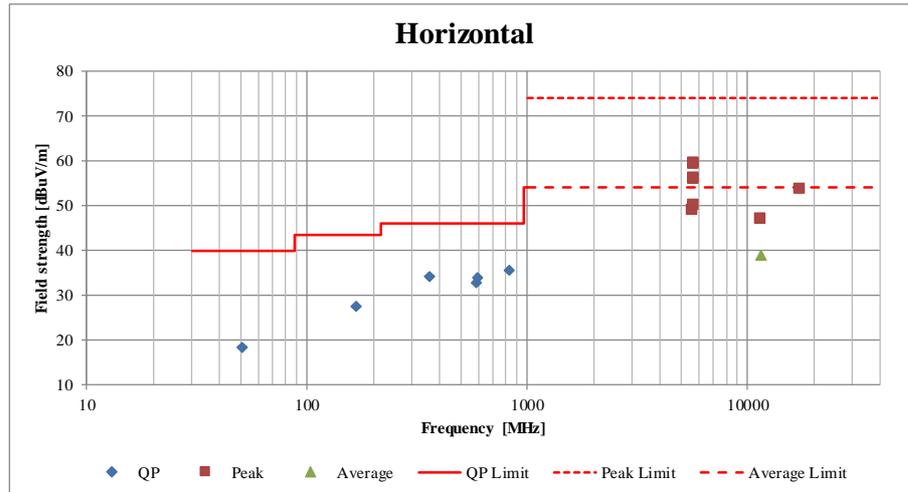
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Radiated Spurious Emission
(Plot data, Worst case)

Report No.	13671150H			
Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 23, 2021	January 26, 2021	January 27, 2021	January 28, 2021
Temperature / Humidity	20 deg. C / 41 % RH	20 deg. C / 41 % RH	20 deg. C / 50 % RH	20 deg. C / 38 % RH
Engineer	Yuichiro Yamazaki	Akihiko Maeda	Junya Okuno	Junya Okuno
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 40 GHz)	(Below 1 GHz)
Mode	Tx 11ax-40 5755 MHz (OFDM)			



*These plots data contains sufficient number to show the trend of characteristic features for EUT.

APPENDIX 2: Test instruments

Test equipment

Test Item	Local ID	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	MAEC-02	142004	AC2_Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-06902	05/26/2020	24
RE	MOS-41	192300	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	0013	12/06/2020	12
RE	MMM-01	141542	Digital Tester	Fluke Corporation	FLUKE 26-3	78030611	08/18/2020	12
RE	MJM-27	142228	Measure	KOMELON	KMC-36	-	-	-
RE	COTS-ME MI-02	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	MAEC-02-SVSWR	142006	AC2_Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-06902	04/01/2019	24
RE	MHA-06	141512	Horn Antenna 1-18GHz	Schwarzbeck Mess - Elektronik	BBHA9120D	254	09/14/2020	12
RE	MCC-216	141392	Microwave Cable	Junkosha	MWX221	1604S253(1 m) / 537073/126E(5 m)	02/03/2021	12
RE	MPA-10	141579	Pre Amplifier	Keysight Technologies Inc	8449B	3008A02142	01/12/2021	12
RE	MSA-03	141884	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY44020357	03/04/2020	12
RE	MSA-15	141902	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46187105	10/15/2020	12
RE	MHF-16	141406	High Pass Filter 7-20GHz	TOKIMEC	TF37NCCA	7001	09/23/2020	12
RE	MCC-176	141279	Microwave Cable	Junkosha	MMX221-00500D MSDMS	1502S303	03/18/2020	12
RE	MHF-06	141404	High Pass Filter 3.5-24GHz	TOKIMEC	TF323DCA	601	05/25/2020	12
RE	MHA-02	141503	Horn Antenna 18-26.5GHz	EMCO	3160-09	1265	06/15/2020	12
RE	MCC-224	160324	Coaxial Cable	Huber+Suhner	SUCOFLEX 102A	MY009/2A	11/17/2020	12
RE	MPA-22	141588	Pre Amplifier	MITEQ, Inc	AMF-6F-2600400-33-8P / AMF-4F-2600400-33-8P	1871355 /1871328	09/07/2020	12
RE	MHA-29	141517	Horn Antenna 26.5-40GHz	ETS LINDGREN	3160-10	152399	08/03/2020	12
RE	MBA-08	141427	Biconical Antenna	Schwarzbeck Mess - Elektronik	VHA9103B+BBA9106	8031	07/29/2020	12
RE	MLA-21	141265	Logperiodic Antenna(200-1000MHz)	Schwarzbeck Mess - Elektronik	VUSLP9111B	9111B-190	07/29/2020	12
RE	MCC-12	141317	Coaxial Cable	UL Japan Inc.	-	-	09/25/2020	12
RE	MAT-07	141203	Attenuator(6dB)	Weinschel Corp	2	BK7970	11/13/2020	12
RE	MPA-09	141578	Pre Amplifier	Keysight Technologies Inc	8447D	2944A10845	-	-
RE	MTR-03	141942	Test Receiver	Rohde & Schwarz	ESCI	100300	08/18/2020	12
RE	MOS-27	141566	Thermo-Hygrometer	CUSTOM	CTH-201	A08Q26	01/15/2021	12
RE	MMM-03	141530	Digital Tester	Fluke Corporation	FLUKE 26-3	78030621	08/18/2020	12
RE	MJM-25	142226	Measure	KOMELON	KMC-36	-	-	-
RE	MAEC-01-SVSWR	141994	Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 10m	DA-06881	04/16/2019	24
RE	MHA-05	141511	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	253	09/01/2020	12
RE	MCC-217	141393	Microwave Cable	Junkosha	MWX221	1604S254(1 m) / 1608S088(5 m)	08/03/2020	12
RE	MPA-01	141576	Pre Amplifier	AGILENT	8449B	3008A01671	02/03/2021	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

RE: Radiated Emission

UL Japan, Inc.

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