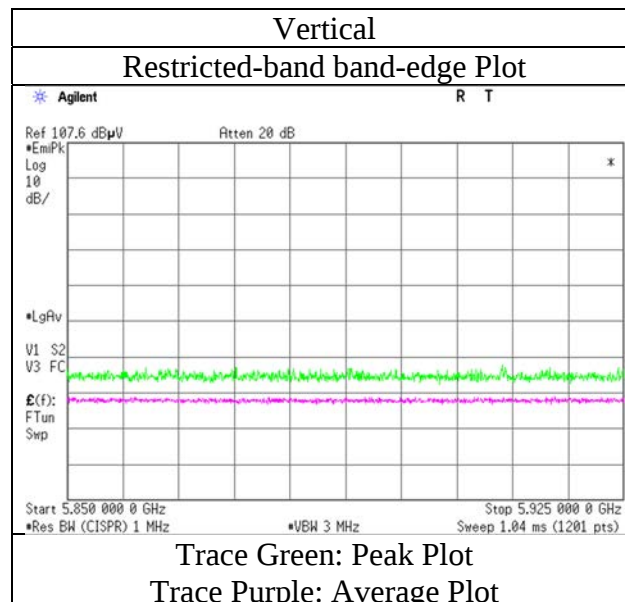
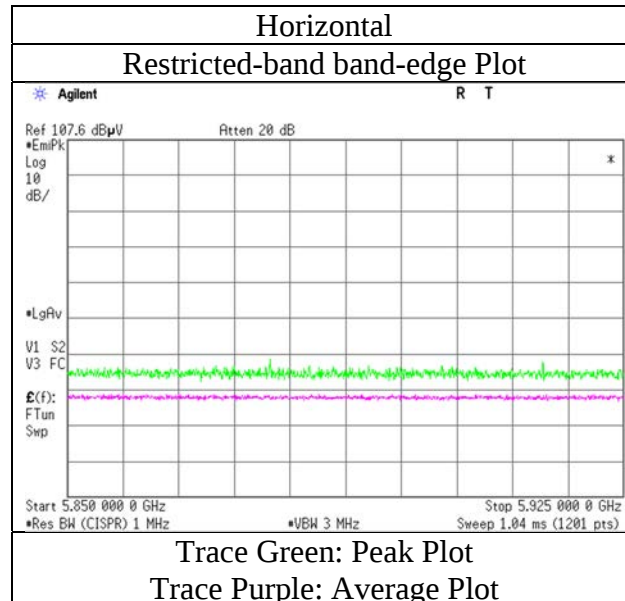


Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795MHz (26-tone RU)

RU Index 17



* 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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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-40 5795MHz (52-tone RU)

RU Index 44

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	40.7	32.3	6.4	31.8	-	47.5	122.2	74.7	
Hori.	5855.000	PK	40.7	32.3	6.4	31.8	-	47.5	110.8	63.3	
Hori.	5875.000	PK	40.4	32.3	6.4	31.8	-	47.3	105.2	58.0	
Hori.	5925.000	PK	40.2	32.4	6.4	31.9	-	47.1	68.2	21.1	
Vert.	5850.000	PK	40.7	32.3	6.4	31.8	-	47.5	122.2	74.7	
Vert.	5855.000	PK	40.3	32.3	6.4	31.8	-	47.1	110.8	63.7	
Vert.	5875.000	PK	40.2	32.3	6.4	31.8	-	47.1	105.2	58.1	
Vert.	5925.000	PK	40.1	32.4	6.4	31.9	-	46.9	68.2	21.3	

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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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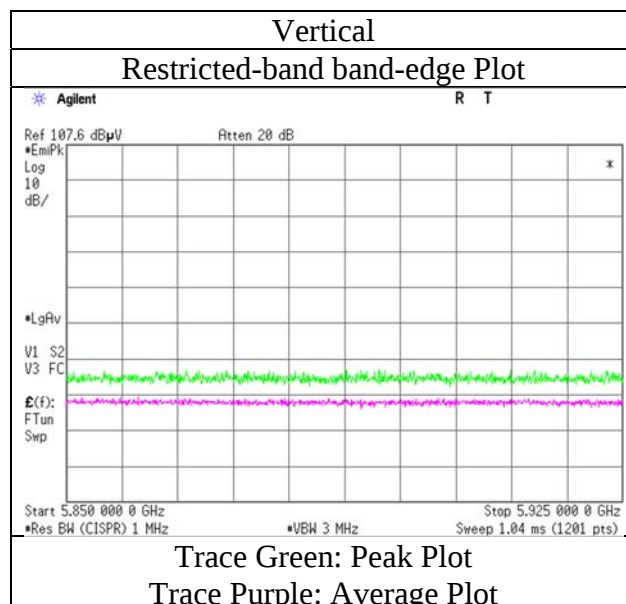
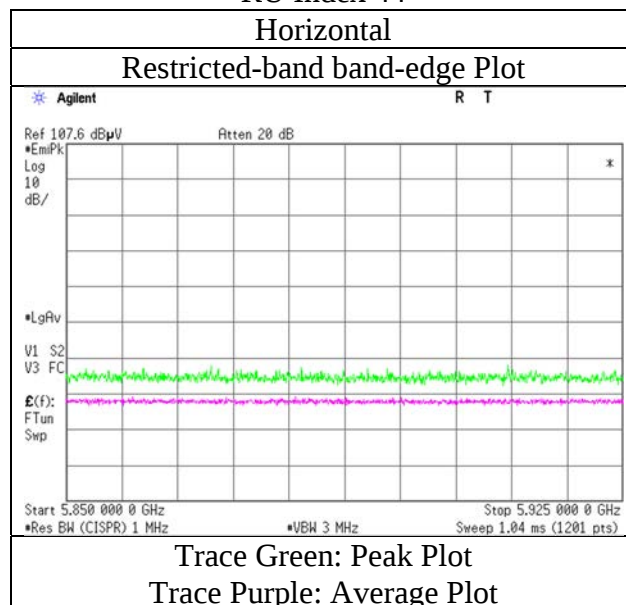
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-40 5795MHz (52-tone RU)

RU Index 44



* 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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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5795MHz (106-tone RU)

RU Index 56

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	6.4	31.8	-	48.6	122.2	73.6	
Hori.	5855.000	PK	41.3	32.3	6.4	31.8	-	48.1	110.8	62.7	
Hori.	5875.000	PK	40.8	32.3	6.4	31.8	-	47.6	105.2	57.6	
Hori.	5925.000	PK	40.3	32.4	6.4	31.9	-	47.2	68.2	21.0	
Vert.	5850.000	PK	40.7	32.3	6.4	31.8	-	47.5	122.2	74.7	
Vert.	5855.000	PK	40.4	32.3	6.4	31.8	-	47.2	110.8	63.6	
Vert.	5875.000	PK	40.3	32.3	6.4	31.8	-	47.1	105.2	58.1	
Vert.	5925.000	PK	40.1	32.4	6.4	31.9	-	47.0	68.2	21.2	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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Ise EMC Lab.

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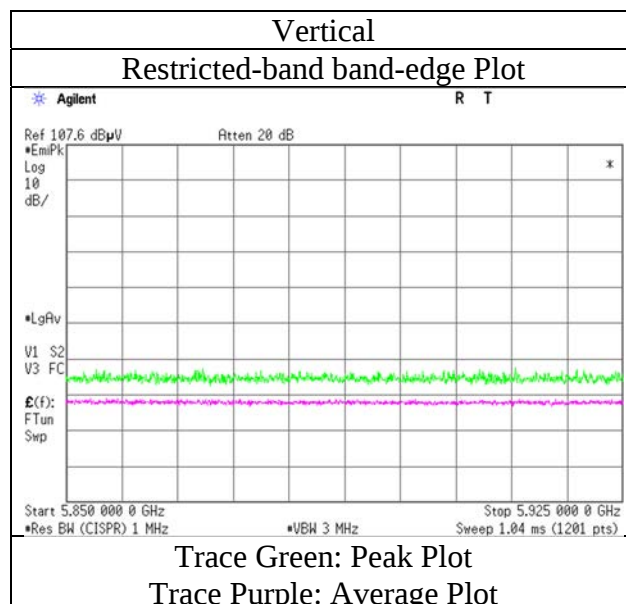
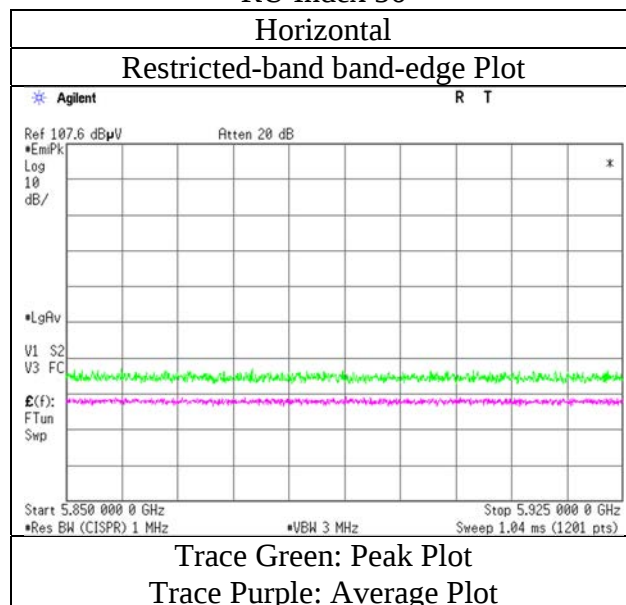
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5795MHz (106-tone RU)

RU Index 56



* 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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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-40 5795MHz (242-tone RU)

RU Index 62

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	6.4	31.8	-	48.7	122.2	73.5	
Hori.	5855.000	PK	41.7	32.3	6.4	31.8	-	48.5	110.8	62.3	
Hori.	5875.000	PK	40.8	32.3	6.4	31.8	-	47.7	105.2	57.5	
Hori.	5925.000	PK	40.4	32.4	6.4	31.9	-	47.3	68.2	20.9	
Vert.	5850.000	PK	41.1	32.3	6.4	31.8	-	47.9	122.2	74.3	
Vert.	5855.000	PK	41.0	32.3	6.4	31.8	-	47.8	110.8	63.0	
Vert.	5875.000	PK	40.6	32.3	6.4	31.8	-	47.4	105.2	57.8	
Vert.	5925.000	PK	40.4	32.4	6.4	31.9	-	47.3	68.2	20.9	

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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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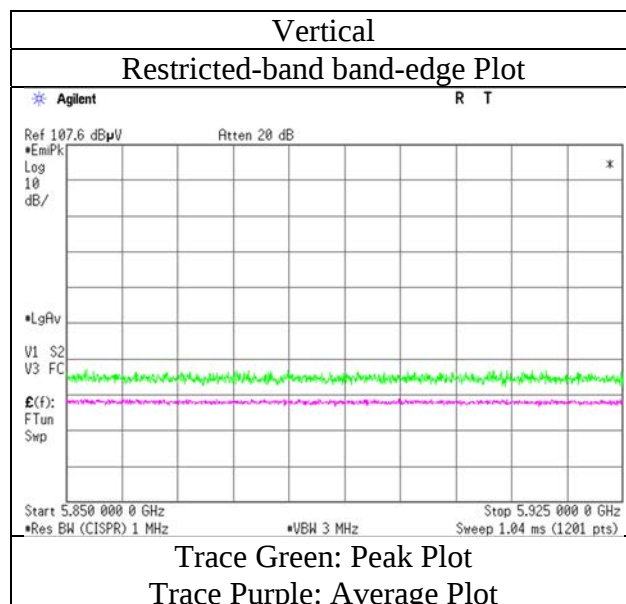
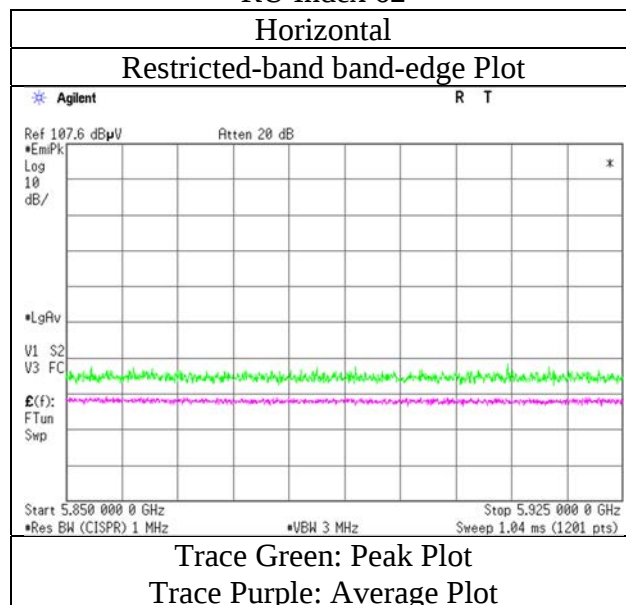
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795MHz (242-tone RU)

RU Index 62



* 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.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795MHz (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.	5850.000	PK	42.0	32.3	6.4	31.8	-	48.8	122.2	73.4	
Hori.	5855.000	PK	41.6	32.3	6.4	31.8	-	48.4	110.8	62.4	
Hori.	5875.000	PK	41.3	32.3	6.4	31.8	-	48.1	105.2	57.1	
Hori.	5925.000	PK	40.9	32.4	6.4	31.9	-	47.8	68.2	20.4	
Vert.	5850.000	PK	41.6	32.3	6.4	31.8	-	48.4	122.2	73.8	
Vert.	5855.000	PK	41.1	32.3	6.4	31.8	-	47.9	110.8	62.9	
Vert.	5875.000	PK	41.0	32.3	6.4	31.8	-	47.8	105.2	57.4	
Vert.	5925.000	PK	40.8	32.4	6.4	31.9	-	47.7	68.2	20.5	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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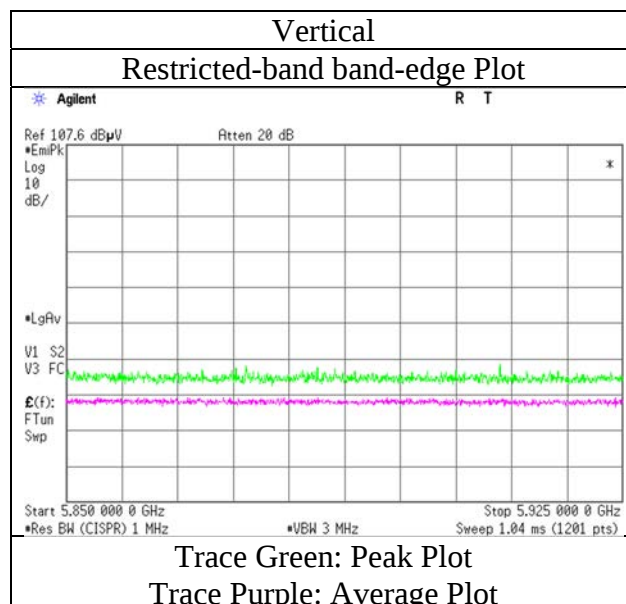
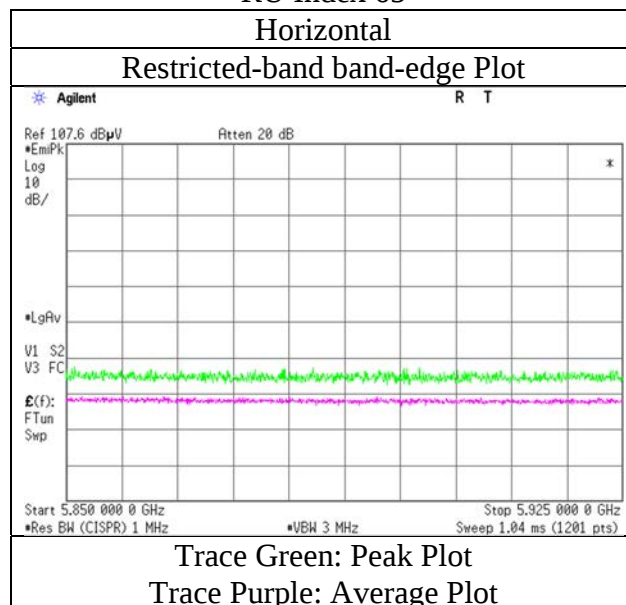
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795MHz (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.

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5210 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.	5150.000	PK	40.0	32.0	6.1	31.6	-	46.4	73.9	27.5	
Hori.	5150.000	AV	31.8	32.0	6.1	31.6	0.3	38.5	53.9	15.4	*1)
Vert.	5150.000	PK	40.0	32.0	6.1	31.6	-	46.3	73.9	27.6	
Vert.	5150.000	AV	31.7	32.0	6.1	31.6	0.3	38.3	53.9	15.6	*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).

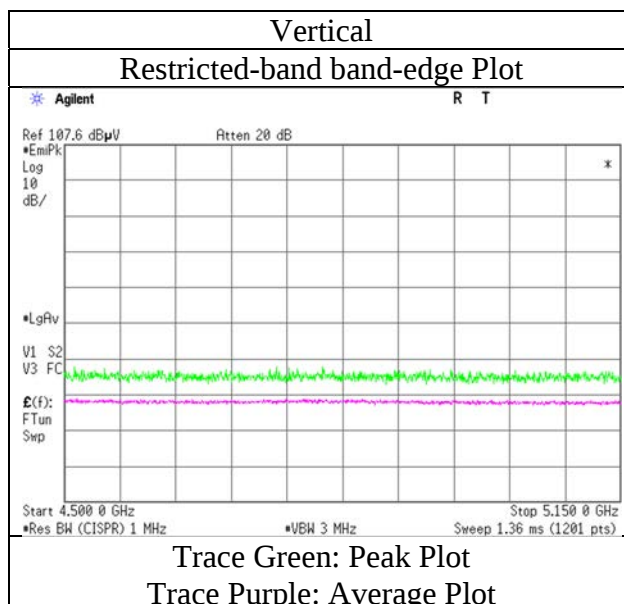
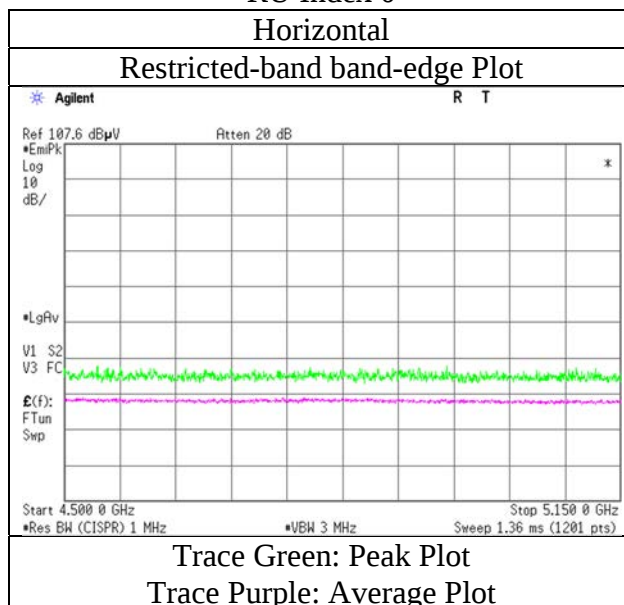
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.	5150.000	PK	40.9	32.0	6.1	31.6	-	47.3	73.9	26.6	
Hori.	5150.000	AV	32.0	32.0	6.1	31.6	0.3	38.6	53.9	15.3	*1)
Vert.	5150.000	PK	40.6	32.0	6.1	31.6	-	47.0	73.9	26.9	
Vert.	5150.000	AV	31.9	32.0	6.1	31.6	0.3	38.6	53.9	15.3	*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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

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Ise EMC Lab.

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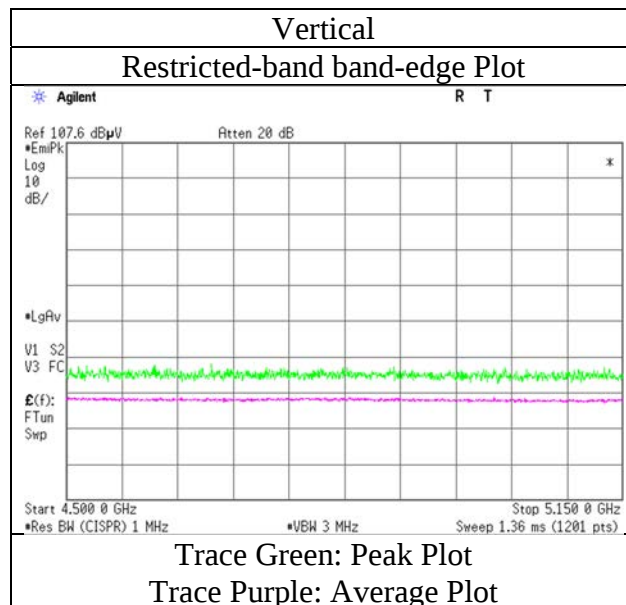
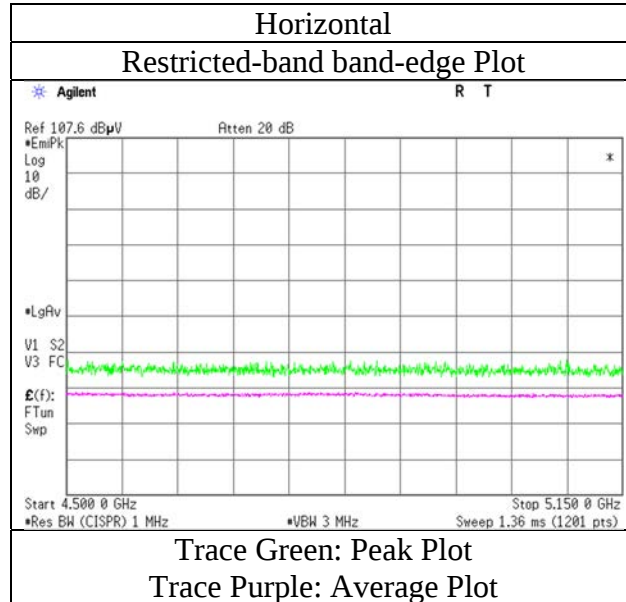
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.

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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5210 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.	5150.000	PK	41.1	32.0	6.1	31.6	-	47.5	73.9	26.4	
Hori.	5150.000	AV	32.1	32.0	6.1	31.6	0.3	38.8	53.9	15.1	*1)
Vert.	5150.000	PK	40.6	32.0	6.1	31.6	-	47.0	73.9	26.9	
Vert.	5150.000	AV	32.0	32.0	6.1	31.6	0.3	38.6	53.9	15.3	*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).

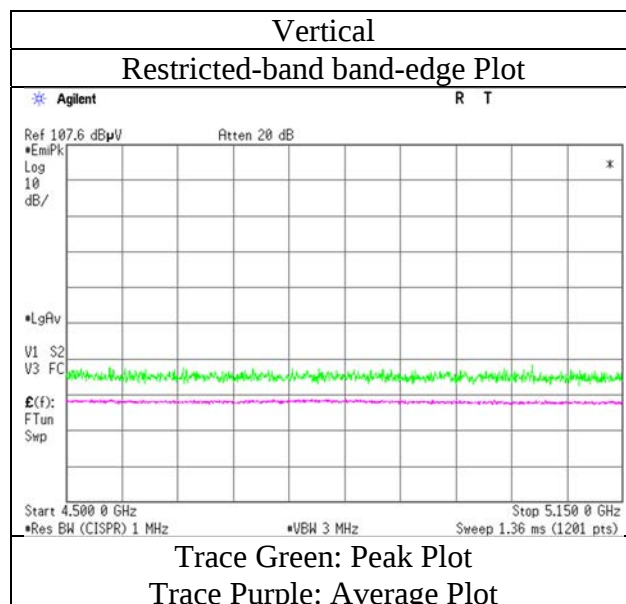
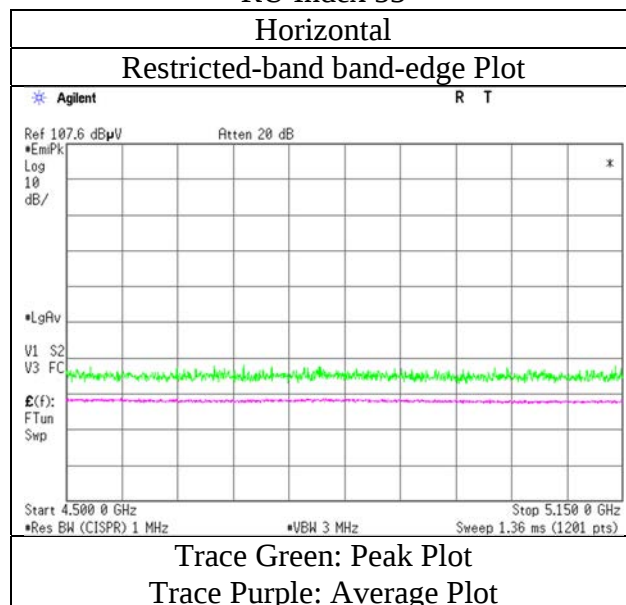
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.

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4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5210 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.	5150.000	PK	41.3	32.0	6.1	31.6	-	47.7	73.9	26.2	
Hori.	5150.000	AV	32.2	32.0	6.1	31.6	0.3	38.8	53.9	15.1	*1)
Vert.	5150.000	PK	41.8	32.0	6.1	31.6	-	48.2	73.9	25.7	
Vert.	5150.000	AV	32.1	32.0	6.1	31.6	0.3	38.7	53.9	15.2	*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).

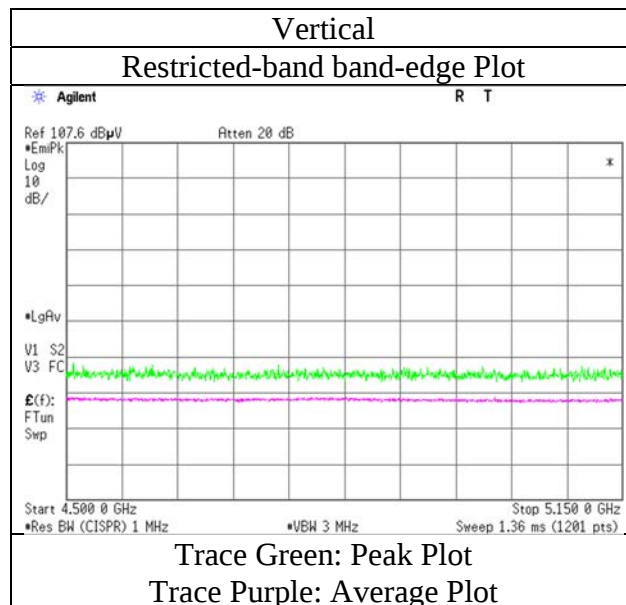
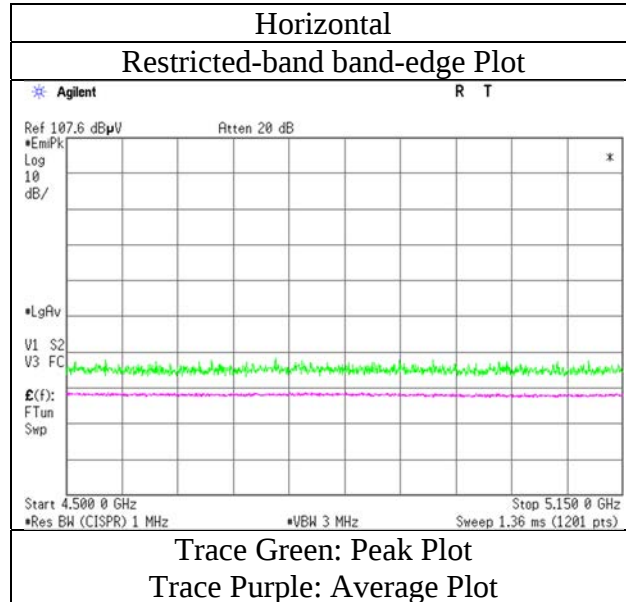
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.

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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.	5150.000	PK	41.7	32.0	6.1	31.6	-	48.1	73.9	25.8	
Hori.	5150.000	AV	32.7	32.0	6.1	31.6	0.2	39.3	53.9	14.6	*1)
Vert.	5150.000	PK	41.8	32.0	6.1	31.6	-	48.2	73.9	25.7	
Vert.	5150.000	AV	32.3	32.0	6.1	31.6	0.2	38.9	53.9	15.0	*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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

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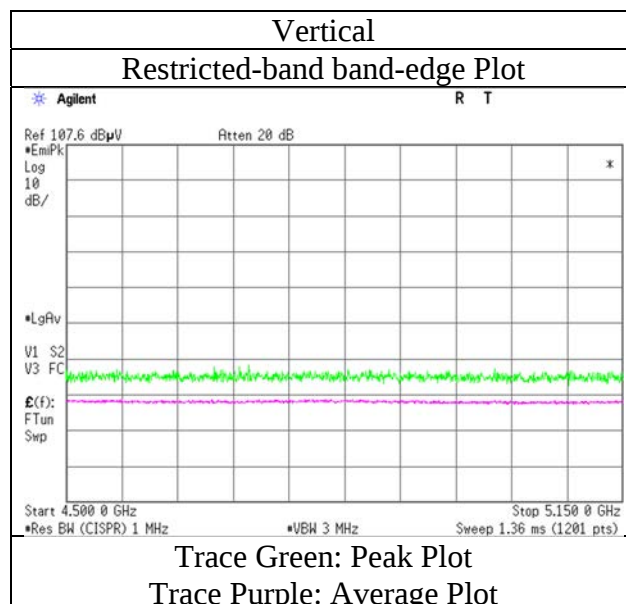
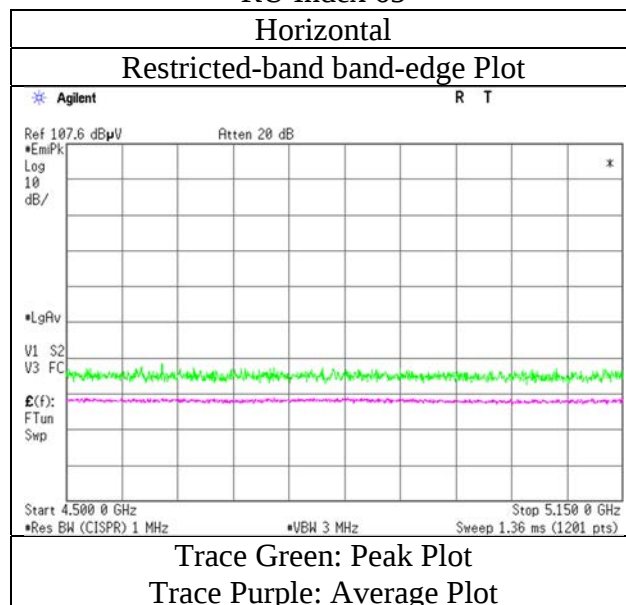
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.

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Ise EMC Lab.

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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5210 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.	5150.000	PK	45.5	32.0	6.1	31.6	-	51.9	73.9	22.0	
Hori.	5150.000	AV	35.7	32.0	6.1	31.6	0.2	42.3	53.9	11.6	*1)
Vert.	5150.000	PK	44.8	32.0	6.1	31.6	-	51.2	73.9	22.7	
Vert.	5150.000	AV	34.2	32.0	6.1	31.6	0.2	40.9	53.9	13.1	*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).

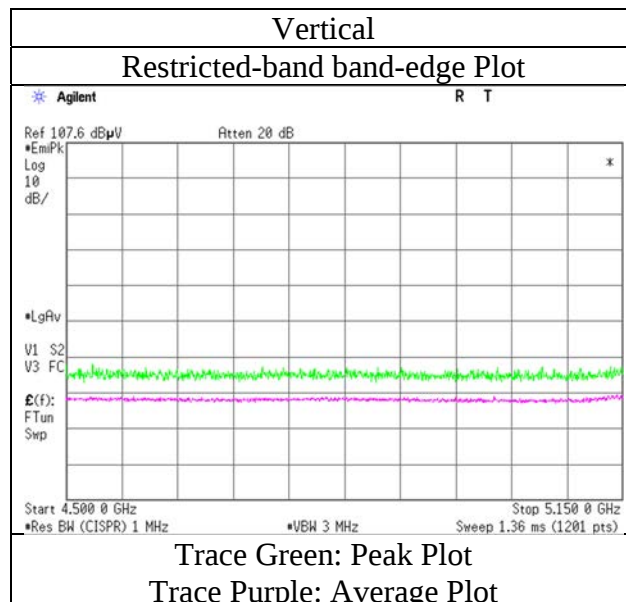
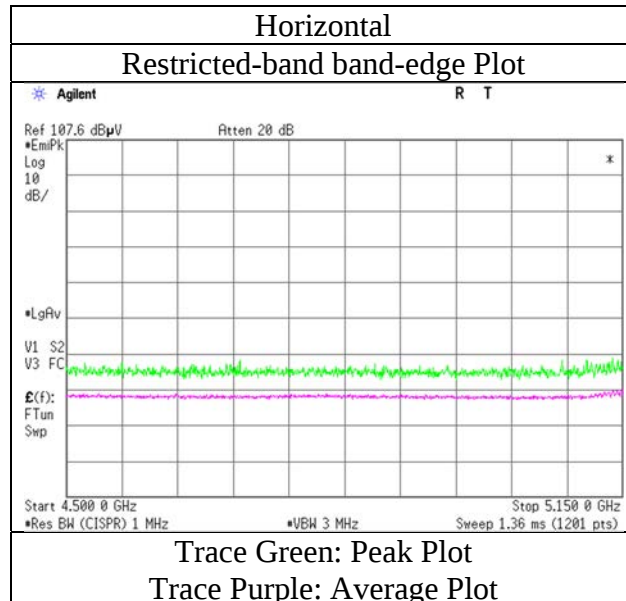
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 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.

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5290 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.	5350.000	PK	40.2	31.5	6.2	31.7	-	46.2	73.9	27.7	
Hori.	5350.000	AV	31.7	31.5	6.2	31.7	0.3	37.9	53.9	16.0	*1)
Vert.	5350.000	PK	40.2	31.5	6.2	31.7	-	46.2	73.9	27.7	
Vert.	5350.000	AV	32.1	31.5	6.2	31.7	0.3	38.3	53.9	15.6	*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).

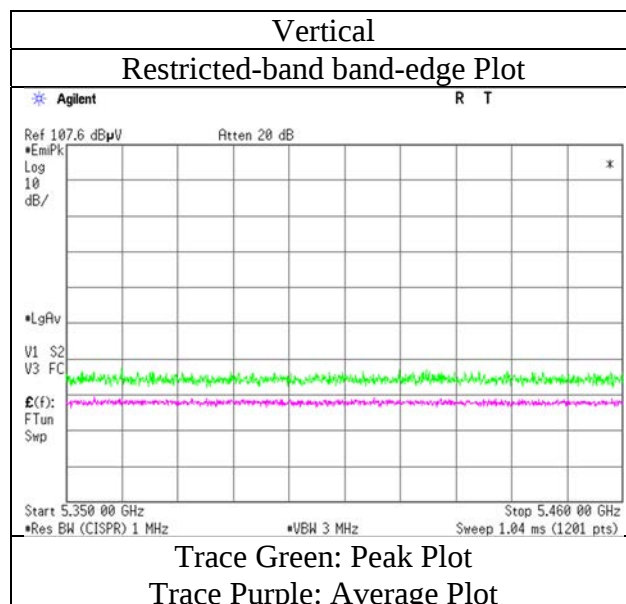
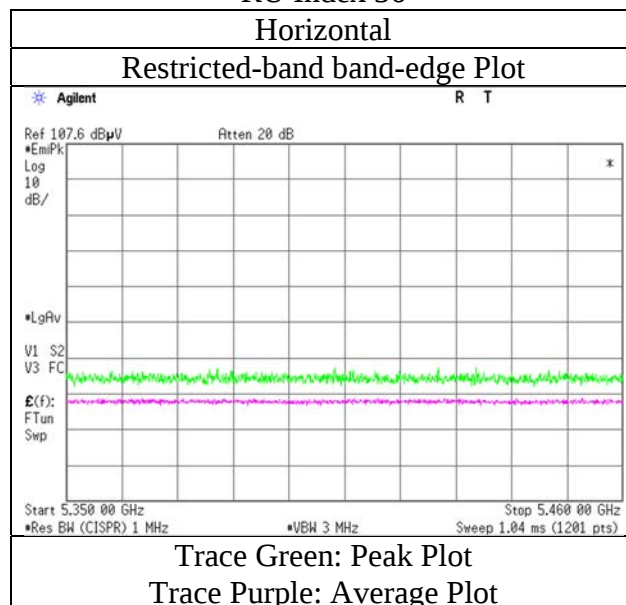
Distance factor: 1 GHz - 10 GHz $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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.	5350.000	PK	40.7	31.5	6.2	31.7	-	46.7	73.9	27.2	
Hori.	5350.000	AV	31.8	31.5	6.2	31.7	0.3	38.0	53.9	15.9	*1)
Vert.	5350.000	PK	40.8	31.5	6.2	31.7	-	46.8	73.9	27.1	
Vert.	5350.000	AV	31.8	31.5	6.2	31.7	0.3	38.1	53.9	15.8	*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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

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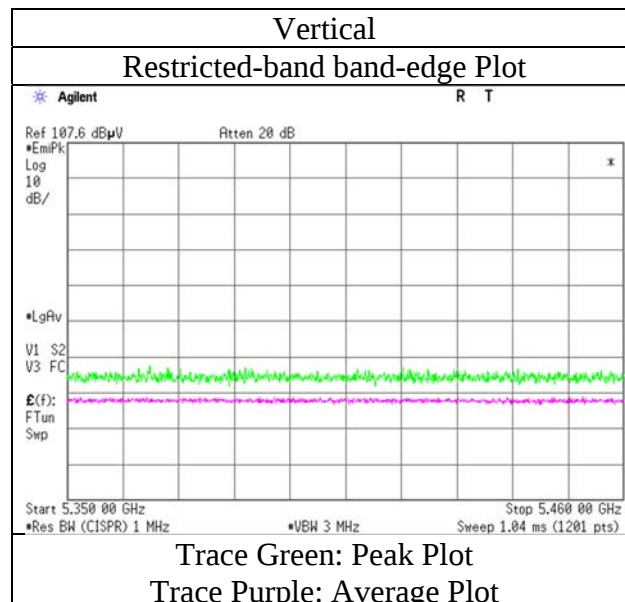
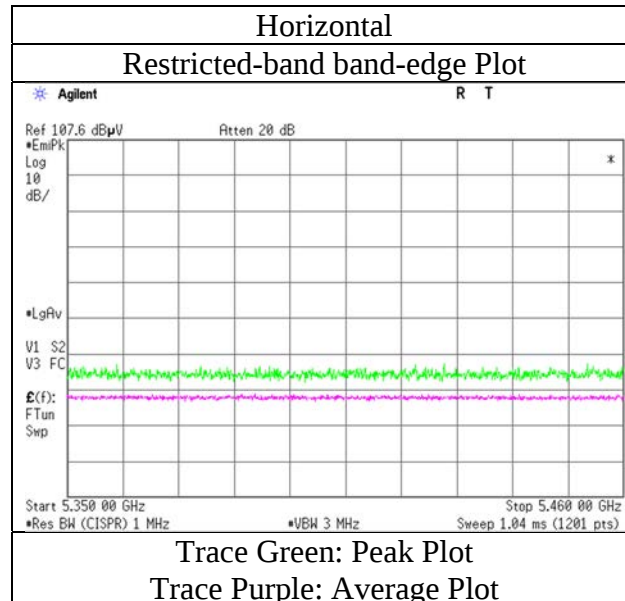
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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.	5350.000	PK	41.1	31.5	6.2	31.7	-	47.1	73.9	26.8	
Hori.	5350.000	AV	32.0	31.5	6.2	31.7	0.3	38.2	53.9	15.7	*1)
Vert.	5350.000	PK	40.9	31.5	6.2	31.7	-	46.9	73.9	27.0	
Vert.	5350.000	AV	31.9	31.5	6.2	31.7	0.3	38.1	53.9	15.8	*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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

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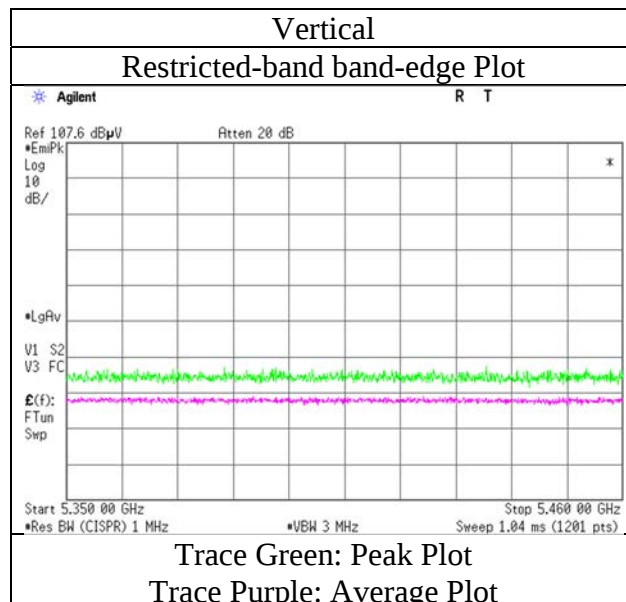
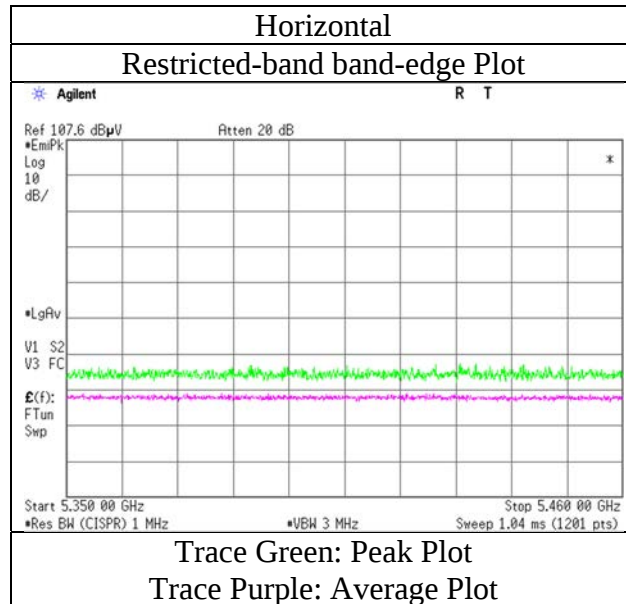
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 27, 2021
Temperature / Humidity 23 deg. C / 39 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5290 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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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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.	5350.000	PK	41.4	31.5	6.2	31.7	-	47.4	73.9	26.5	
Hori.	5350.000	AV	32.2	31.5	6.2	31.7	0.3	38.5	53.9	15.4	*1)
Vert.	5350.000	PK	41.2	31.5	6.2	31.7	-	47.2	73.9	26.7	
Vert.	5350.000	AV	32.0	31.5	6.2	31.7	0.3	38.3	53.9	15.6	*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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

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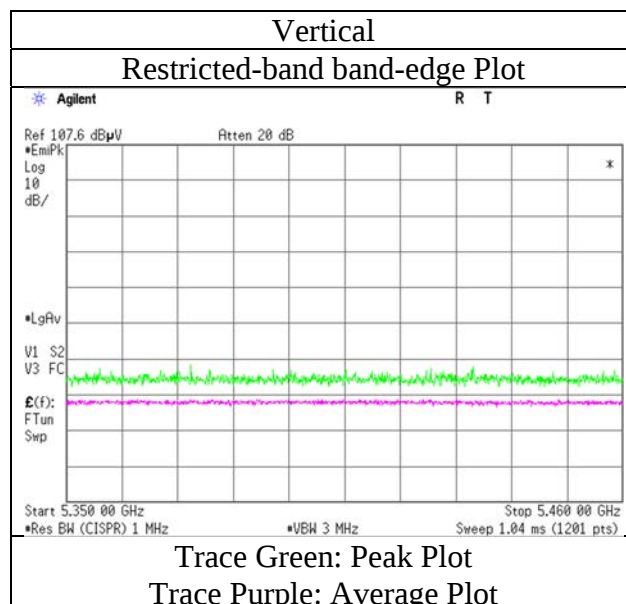
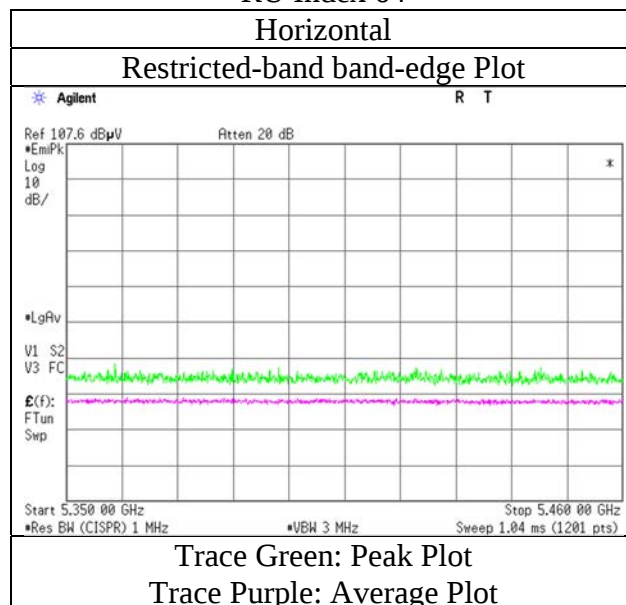
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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.	5350.000	PK	41.5	31.5	6.2	31.7	-	47.5	73.9	26.4	
Hori.	5350.000	AV	32.7	31.5	6.2	31.7	0.2	39.0	53.9	14.9	*1)
Vert.	5350.000	PK	41.8	31.5	6.2	31.7	-	47.8	73.9	26.2	
Vert.	5350.000	AV	33.0	31.5	6.2	31.7	0.2	39.2	53.9	14.7	*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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

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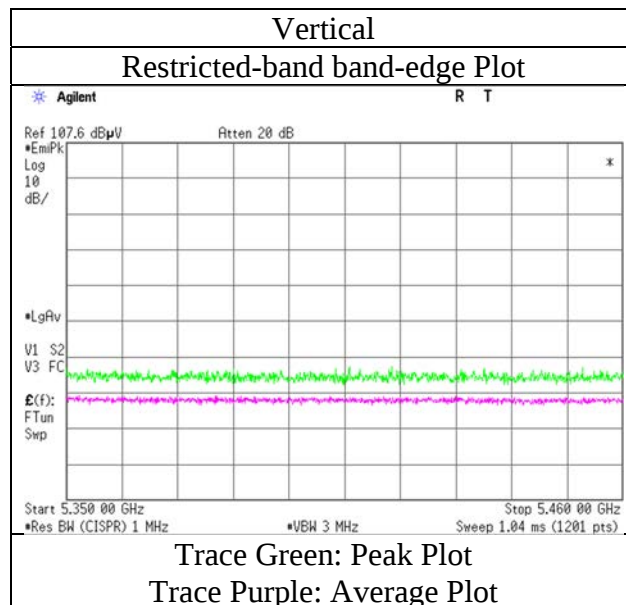
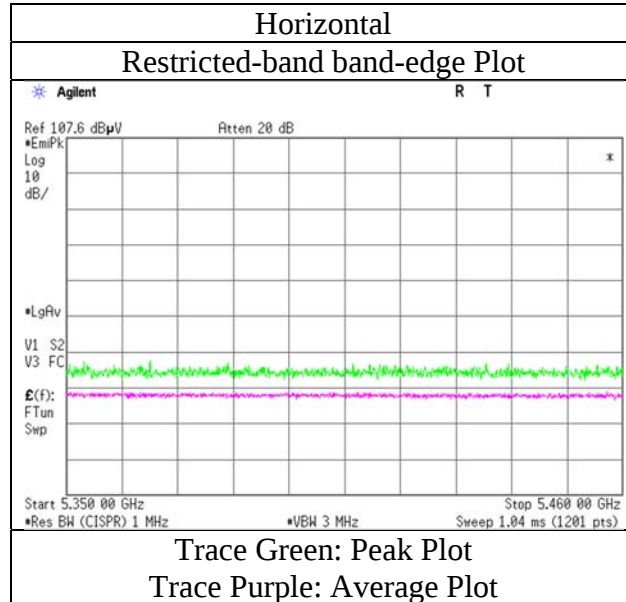
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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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Ise EMC Lab.

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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 26, 2021
Temperature / Humidity 24 deg. C / 38 % RH
Engineer Nachi Konegawa
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5290 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.	5350.000	PK	47.8	31.5	6.2	31.7	-	53.8	73.9	20.2	
Hori.	5350.000	AV	37.7	31.5	6.2	31.7	0.2	44.0	53.9	9.9	*1)
Vert.	5350.000	PK	49.0	31.5	6.2	31.7	-	55.0	73.9	18.9	
Vert.	5350.000	AV	39.4	31.5	6.2	31.7	0.2	45.7	53.9	8.2	*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).

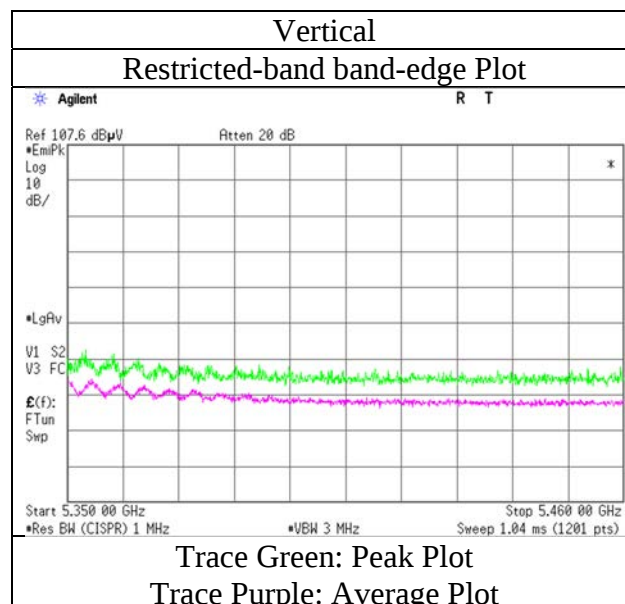
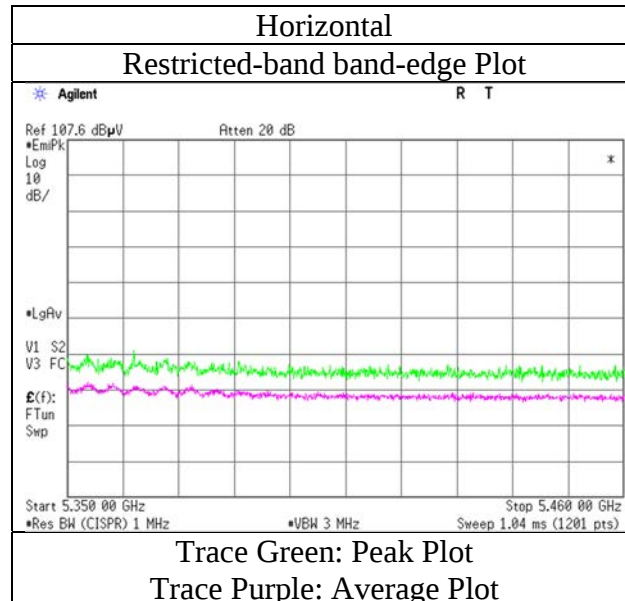
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 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.

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Ise EMC Lab.

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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.1
Date March 9, 2021
Temperature / Humidity 22 deg. C / 30 % RH
Engineer Takafumi Noguchi
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5530 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.	5460.000	PK	44.2	31.7	6.3	35.7	-	46.6	68.2	21.7	
Hori.	5470.000	PK	44.5	31.8	6.3	35.7	-	46.9	68.2	21.4	
Hori.	5460.000	AV	34.7	31.7	6.3	35.7	0.3	37.3	53.9	16.6	*1)
Vert.	5460.000	PK	44.2	31.7	6.3	35.7	-	46.5	68.2	21.7	
Vert.	5470.000	PK	44.4	31.8	6.3	35.7	-	46.8	68.2	21.5	
Vert.	5460.000	AV	34.7	31.7	6.3	35.7	0.3	37.3	53.9	16.6	*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).

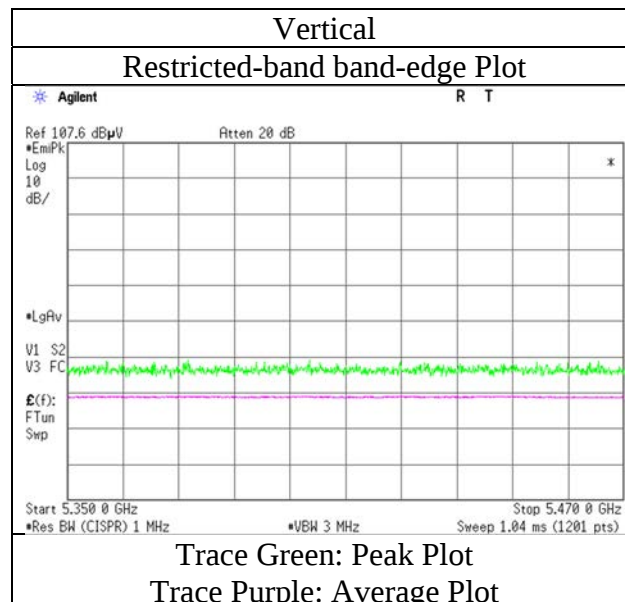
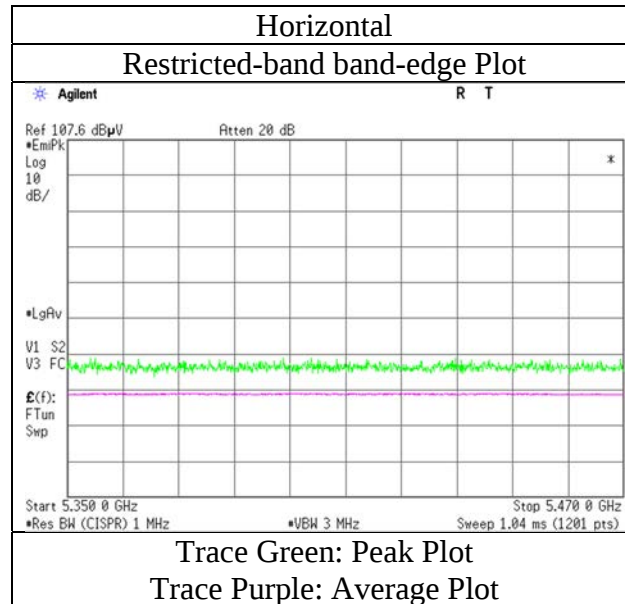
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.1
Date	March 9, 2021
Temperature / Humidity	22 deg. C / 30 % RH
Engineer	Takafumi Noguchi
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 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.

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 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.	5460.000	PK	40.7	31.7	6.2	31.7	-	46.8	68.2	21.4	
Hori.	5470.000	PK	40.1	31.7	6.2	31.7	-	46.3	68.2	21.9	
Hori.	5460.000	AV	31.2	31.7	6.2	31.7	0.3	37.6	53.9	16.3	*1)
Vert.	5460.000	PK	39.8	31.7	6.2	31.7	-	46.0	68.2	22.2	
Vert.	5470.000	PK	40.0	31.7	6.2	31.7	-	46.1	68.2	22.1	
Vert.	5460.000	AV	31.0	31.7	6.2	31.7	0.3	37.5	53.9	16.5	*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).

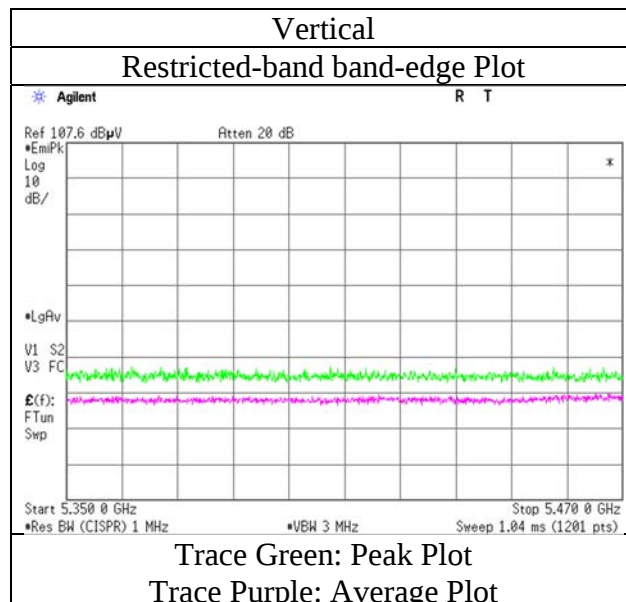
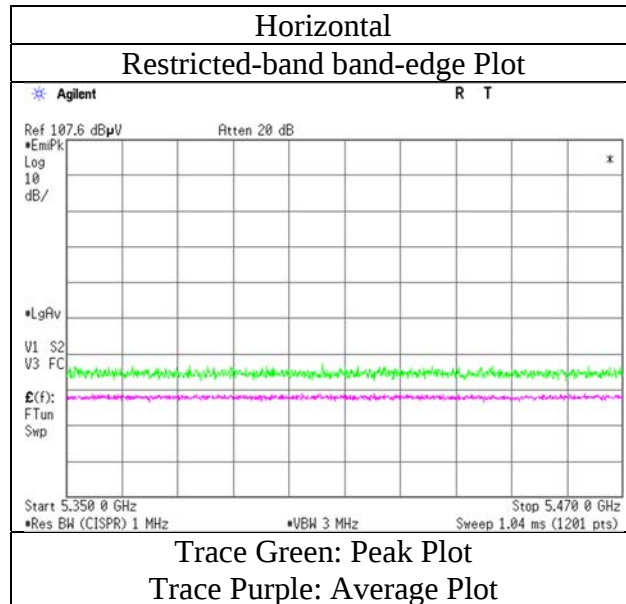
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 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.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(1 GHz - 10 GHz)
Mode Tx 11ax-80 5530 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.	5460.000	PK	40.2	31.7	6.2	31.7	-	46.3	68.2	21.9	
Hori.	5470.000	PK	40.2	31.7	6.2	31.7	-	46.4	68.2	21.8	
Hori.	5460.000	AV	31.4	31.7	6.2	31.7	0.3	37.9	53.9	16.0	*1)
Vert.	5460.000	PK	40.1	31.7	6.2	31.7	-	46.3	68.2	21.9	
Vert.	5470.000	PK	40.2	31.7	6.2	31.7	-	46.4	68.2	21.9	
Vert.	5460.000	AV	31.6	31.7	6.2	31.7	0.3	38.0	53.9	15.9	*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).

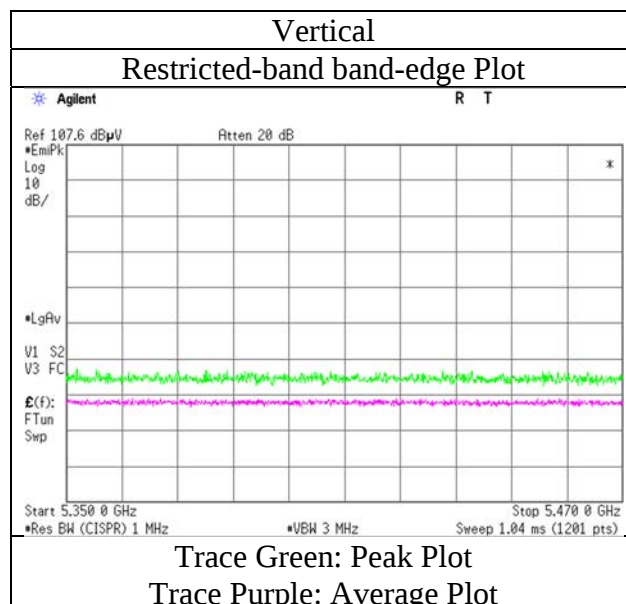
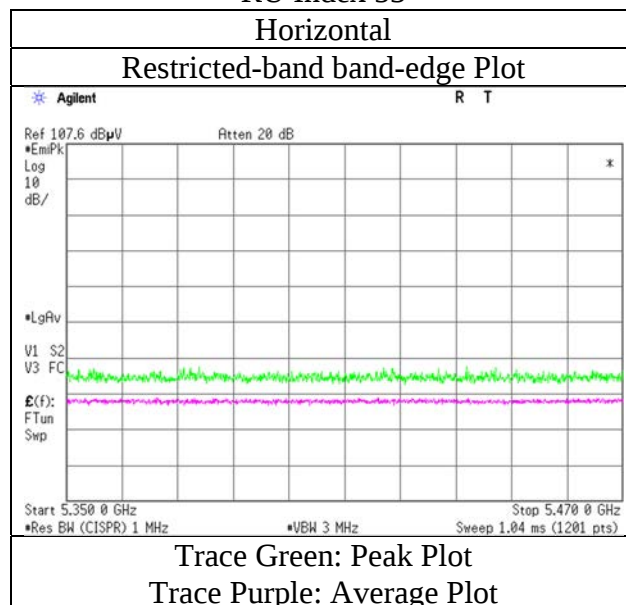
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 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.

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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 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.	5460.000	PK	40.7	31.7	6.2	31.7	-	46.9	68.2	21.3	
Hori.	5470.000	PK	41.1	31.7	6.2	31.7	-	47.3	68.2	20.9	
Hori.	5460.000	AV	31.4	31.7	6.2	31.7	0.3	37.8	53.9	16.1	*1)
Vert.	5460.000	PK	40.3	31.7	6.2	31.7	-	46.5	68.2	21.7	
Vert.	5470.000	PK	40.5	31.7	6.2	31.7	-	46.7	68.2	21.5	
Vert.	5460.000	AV	31.5	31.7	6.2	31.7	0.3	37.9	53.9	16.0	*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).

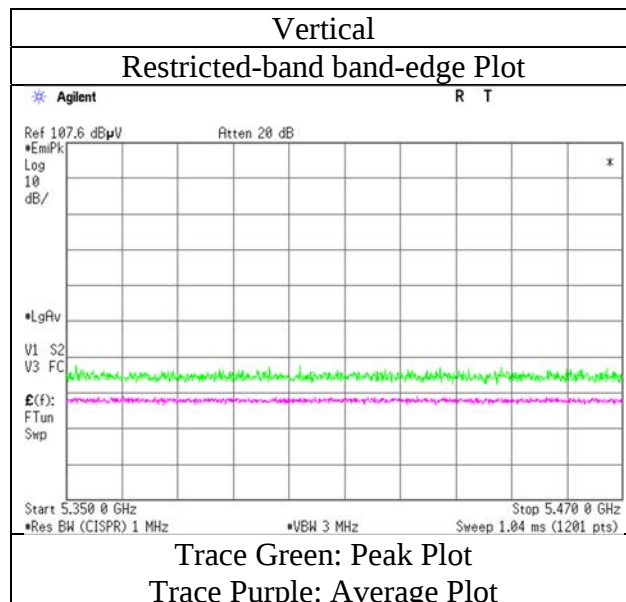
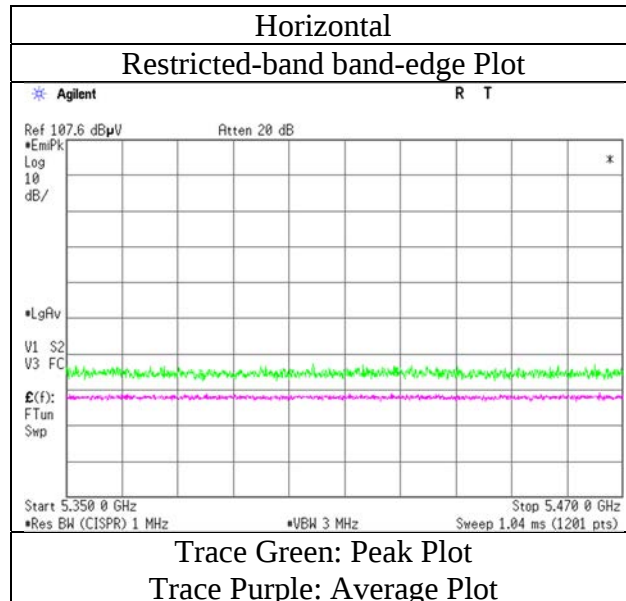
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.4	31.7	6.2	31.7	-	46.6	68.2	21.6	
Hori.	5470.000	PK	44.7	31.7	6.2	31.7	-	50.9	68.2	17.3	
Hori.	5460.000	AV	31.6	31.7	6.2	31.7	0.2	38.0	53.9	15.9	*1)
Vert.	5460.000	PK	41.8	31.7	6.2	31.7	-	48.0	68.2	20.2	
Vert.	5470.000	PK	42.1	31.7	6.2	31.7	-	48.3	68.2	19.9	
Vert.	5460.000	AV	32.4	31.7	6.2	31.7	0.2	38.8	53.9	15.1	*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).

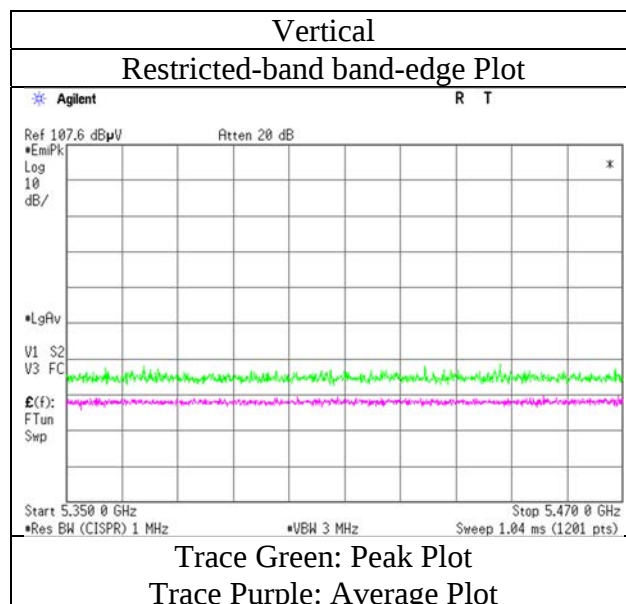
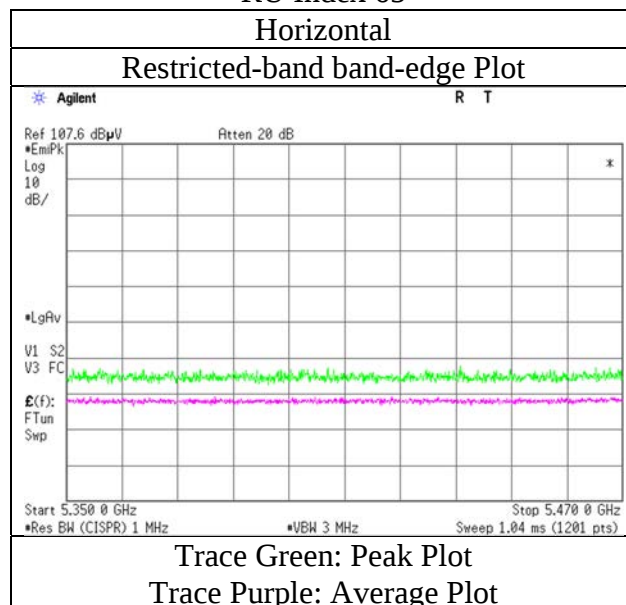
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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	52.6	31.7	6.2	31.7	-	58.8	68.2	9.4	
Hori.	5470.000	PK	53.4	31.7	6.2	31.7	-	59.6	68.2	8.6	
Hori.	5460.000	AV	39.7	31.7	6.2	31.7	0.2	46.1	53.9	7.8	*1)
Vert.	5460.000	PK	48.2	31.7	6.2	31.7	-	54.4	68.2	13.8	
Vert.	5470.000	PK	51.1	31.7	6.2	31.7	-	57.3	68.2	10.9	
Vert.	5460.000	AV	37.5	31.7	6.2	31.7	0.2	43.9	53.9	10.0	*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).

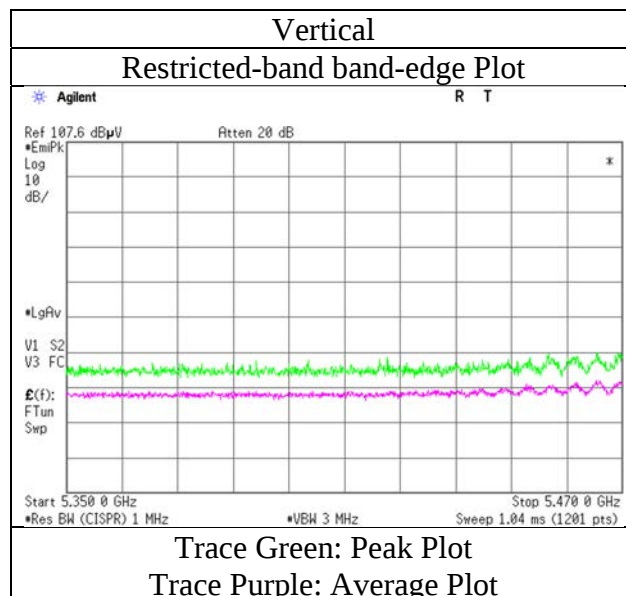
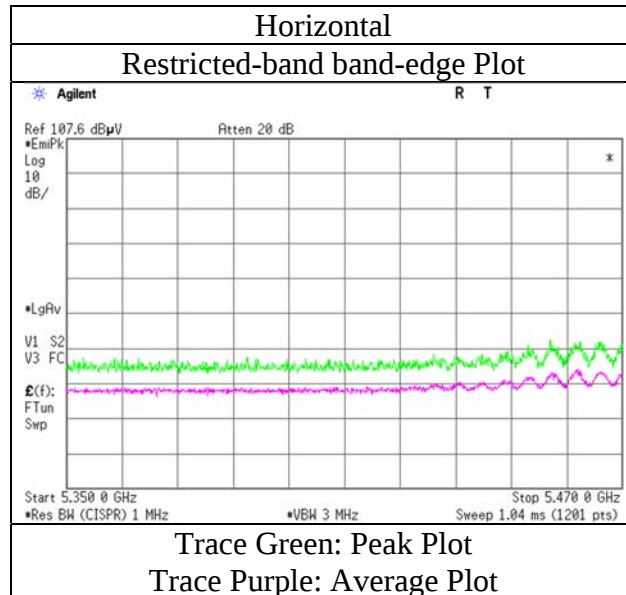
Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	39.9	32.0	6.3	31.8	-	46.4	68.2	21.8	
Vert.	5725.000	PK	40.1	32.0	6.3	31.8	-	46.6	68.2	21.6	

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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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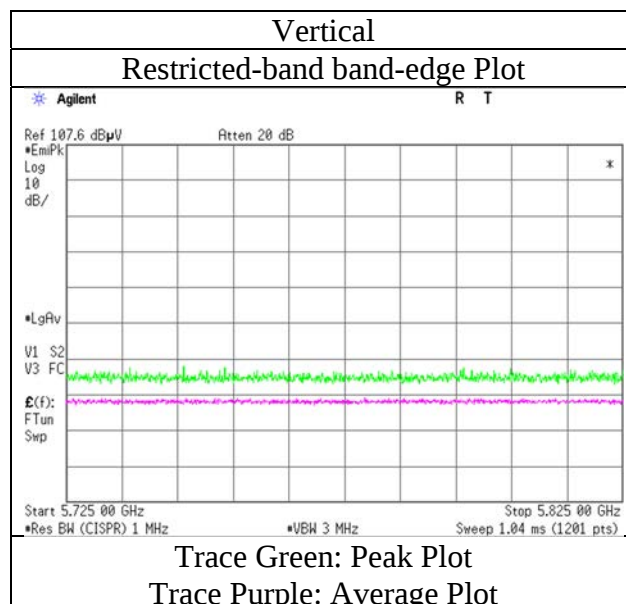
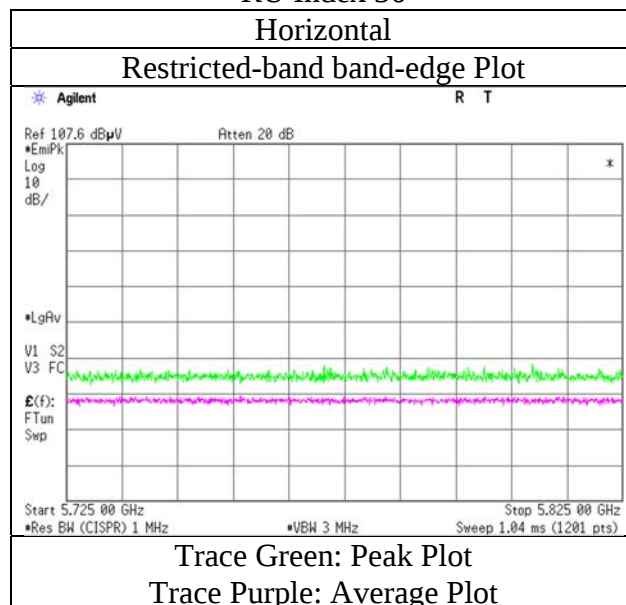
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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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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4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.4	32.0	6.3	31.8	-	46.8	68.2	21.4	
Vert.	5725.000	PK	40.4	32.0	6.3	31.8	-	46.9	68.2	21.3	

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

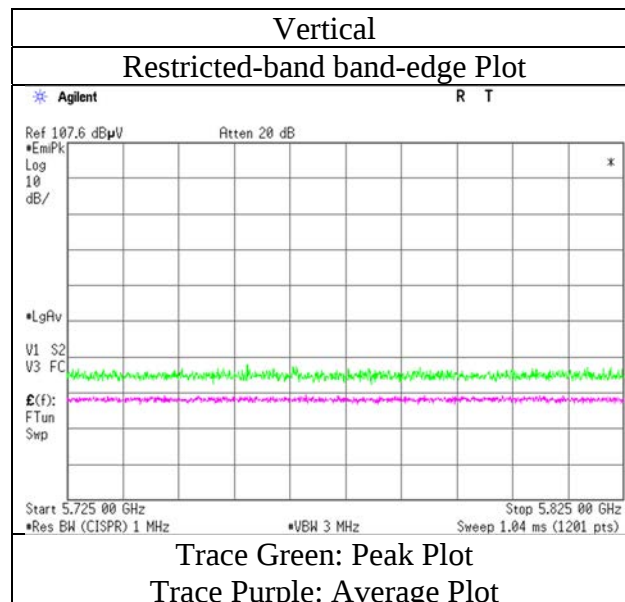
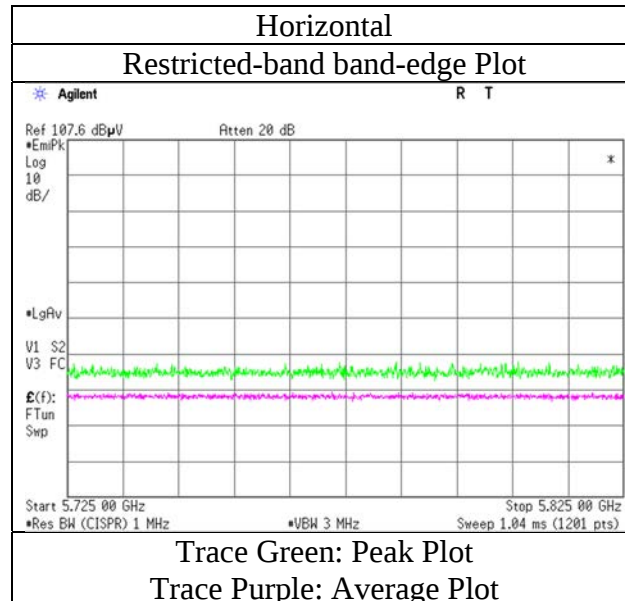
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.5	32.0	6.3	31.8	-	46.9	68.2	21.3	
Vert.	5725.000	PK	40.7	32.0	6.3	31.8	-	47.1	68.2	21.1	

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

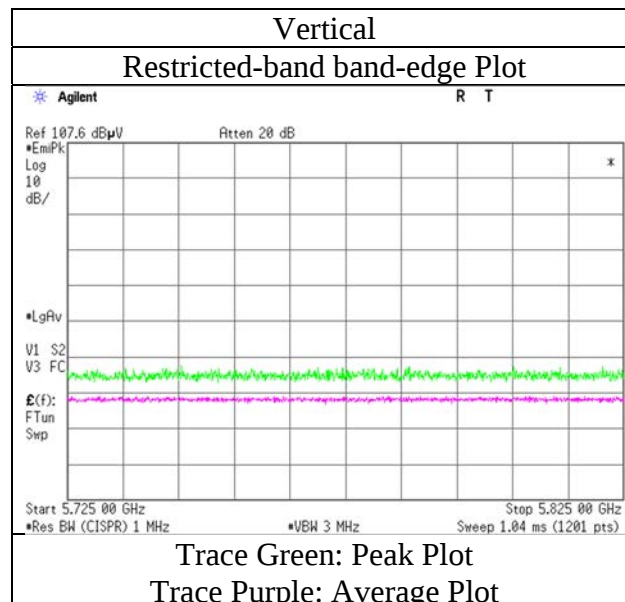
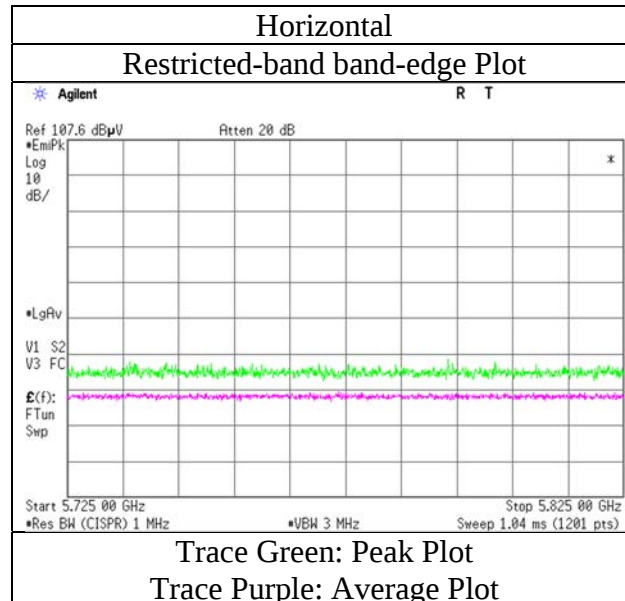
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.7	32.0	6.3	31.8	-	47.1	68.2	21.1	
Vert.	5725.000	PK	40.9	32.0	6.3	31.8	-	47.4	68.2	20.8	

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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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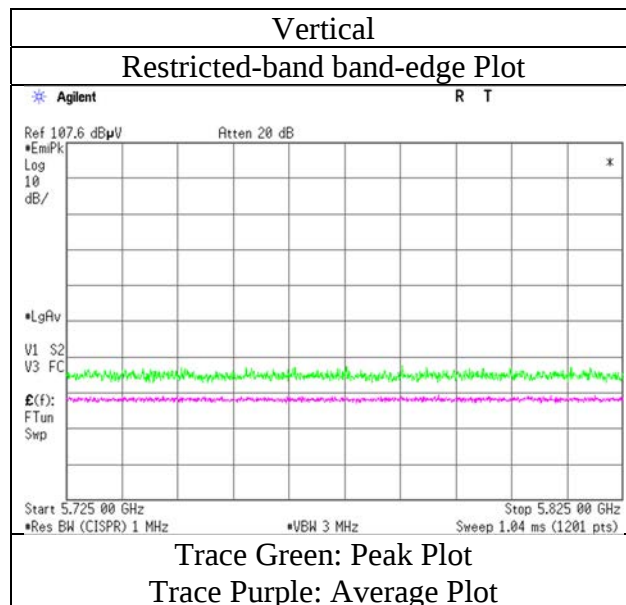
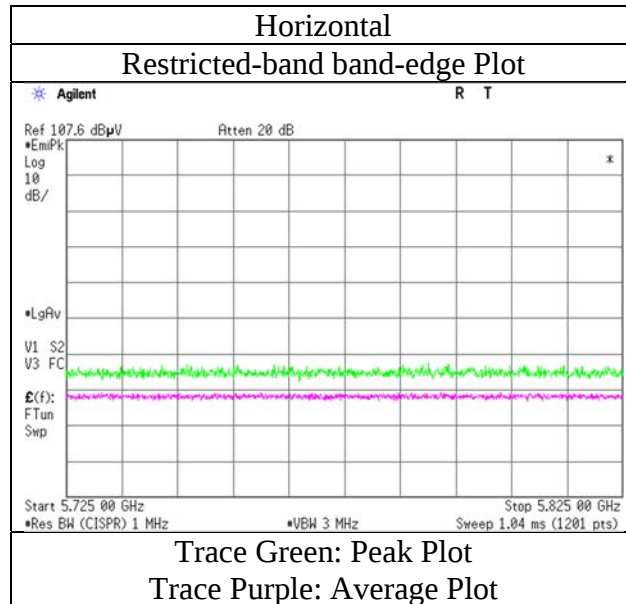
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.9	32.0	6.3	31.8	-	47.3	68.2	20.9	
Vert.	5725.000	PK	41.4	32.0	6.3	31.8	-	47.8	68.2	20.4	

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

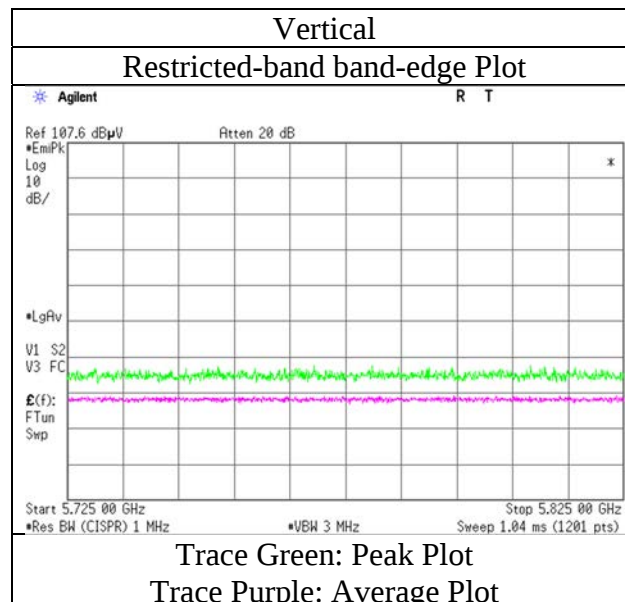
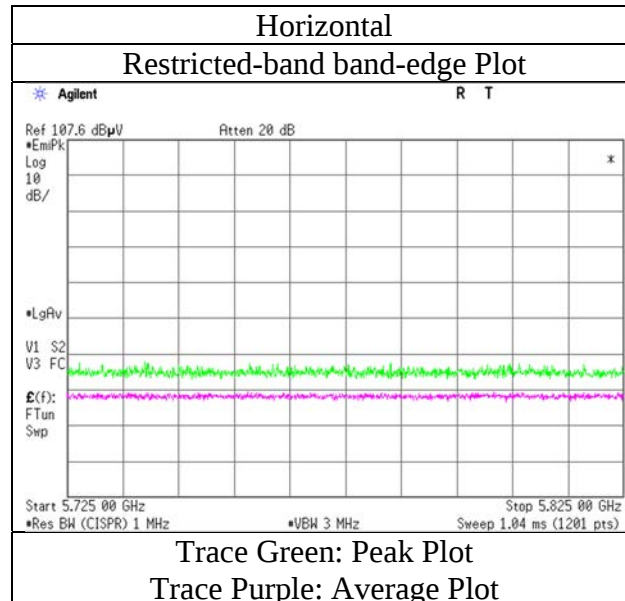
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor: 1 GHz - 10 GHz $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.9	32.0	6.3	31.8	-	47.4	68.2	20.8	
Vert.	5725.000	PK	41.2	32.0	6.3	31.8	-	47.7	68.2	20.5	

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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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Ise EMC Lab.

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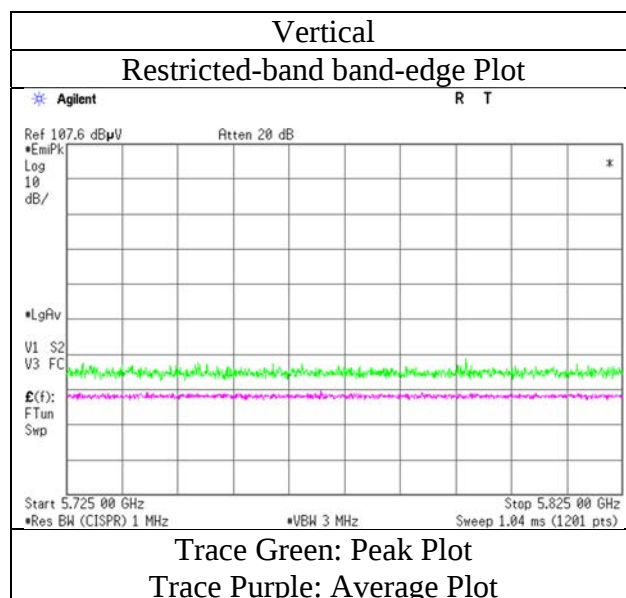
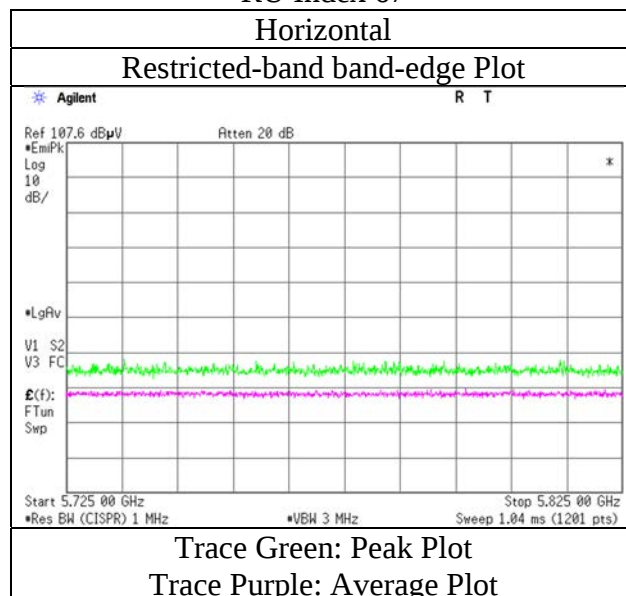
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

Ise EMC Lab.

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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.5	31.7	6.3	31.8	-	46.6	68.2	21.6	
Hori.	5700.000	PK	40.6	31.8	6.3	31.8	-	46.9	105.2	58.4	
Hori.	5720.000	PK	40.8	31.9	6.3	31.8	-	47.2	110.8	63.6	
Hori.	5725.000	PK	41.0	32.0	6.3	31.8	-	47.5	122.2	74.7	
Vert.	5650.000	PK	40.3	31.7	6.3	31.8	-	46.4	68.2	21.8	
Vert.	5700.000	PK	40.3	31.8	6.3	31.8	-	46.6	105.2	58.6	
Vert.	5720.000	PK	40.5	31.9	6.3	31.8	-	46.9	110.8	63.9	
Vert.	5725.000	PK	40.5	32.0	6.3	31.8	-	47.0	122.2	75.3	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

UL Japan, Inc.

Ise EMC Lab.

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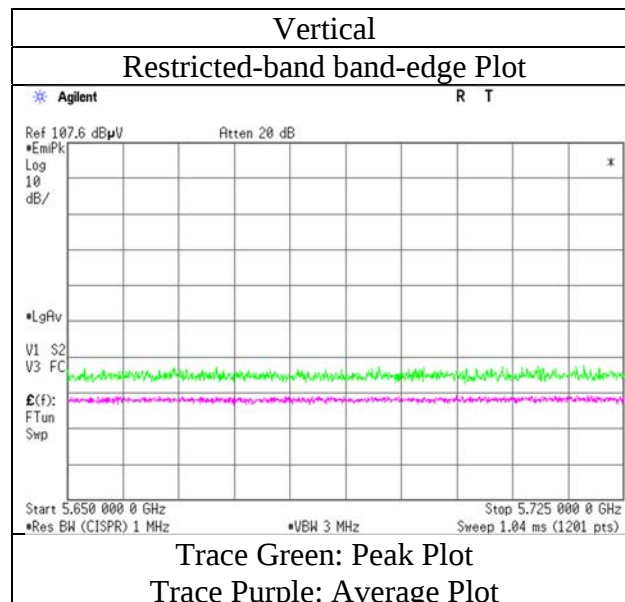
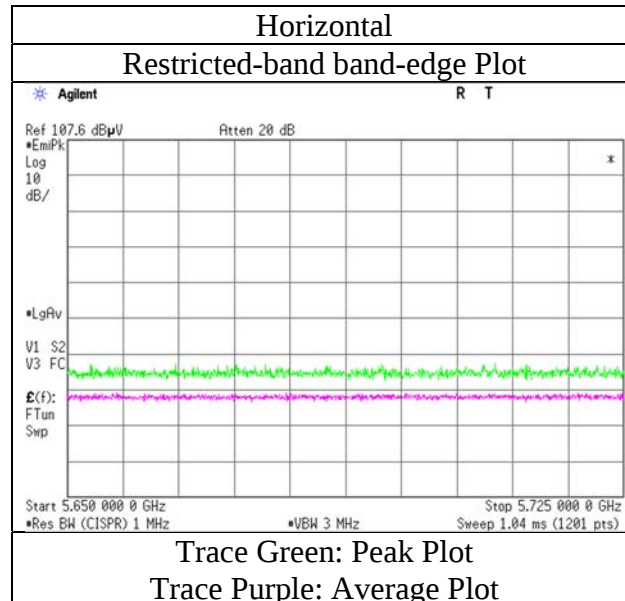
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

UL Japan, Inc.

Ise EMC Lab.

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Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.3	31.7	6.3	31.8	-	46.5	68.2	21.7	
Hori.	5700.000	PK	40.5	31.8	6.3	31.8	-	46.7	105.2	58.5	
Hori.	5720.000	PK	40.5	31.9	6.3	31.8	-	47.0	110.8	63.9	
Hori.	5725.000	PK	40.7	32.0	6.3	31.8	-	47.1	122.2	75.1	
Vert.	5650.000	PK	40.3	31.7	6.3	31.8	-	46.5	68.2	21.8	
Vert.	5700.000	PK	40.4	31.8	6.3	31.8	-	46.7	105.2	58.5	
Vert.	5720.000	PK	40.6	31.9	6.3	31.8	-	47.0	110.8	63.8	
Vert.	5725.000	PK	40.6	32.0	6.3	31.8	-	47.1	122.2	75.1	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

UL Japan, Inc.

Ise EMC Lab.

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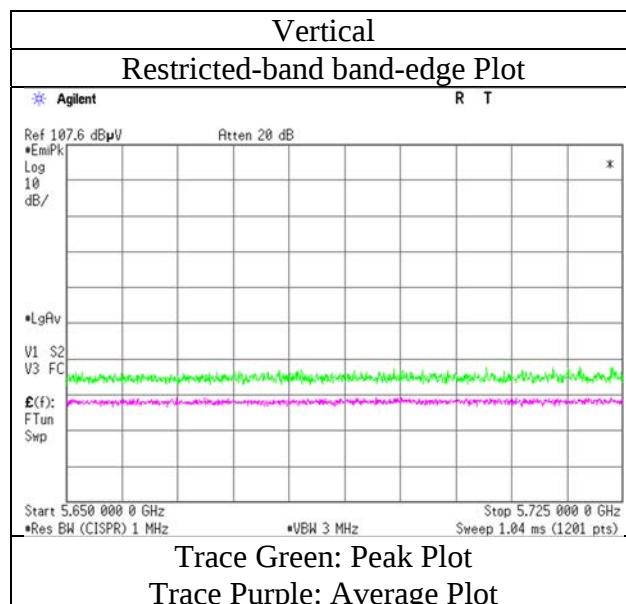
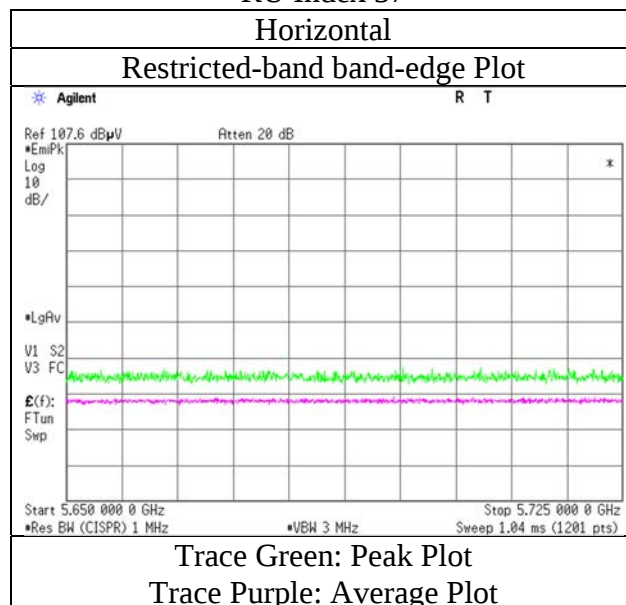
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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	40.3	31.7	6.3	31.8	-	46.5	68.2	21.7	
Hori.	5700.000	PK	40.5	31.8	6.3	31.8	-	46.7	105.2	58.5	
Hori.	5720.000	PK	40.5	31.9	6.3	31.8	-	47.0	110.8	63.9	
Hori.	5725.000	PK	40.6	32.0	6.3	31.8	-	47.0	122.2	75.2	
Vert.	5650.000	PK	40.3	31.7	6.3	31.8	-	46.5	68.2	21.7	
Vert.	5700.000	PK	40.4	31.8	6.3	31.8	-	46.7	105.2	58.5	
Vert.	5720.000	PK	40.5	31.9	6.3	31.8	-	46.9	110.8	63.9	
Vert.	5725.000	PK	40.5	32.0	6.3	31.8	-	47.0	122.2	75.2	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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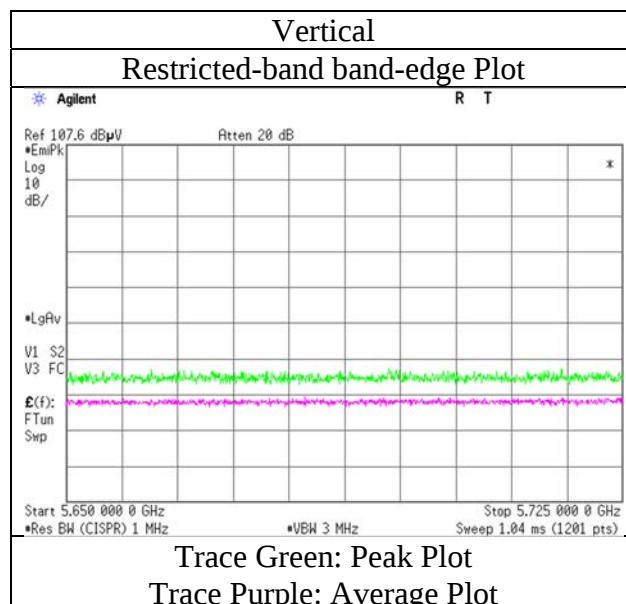
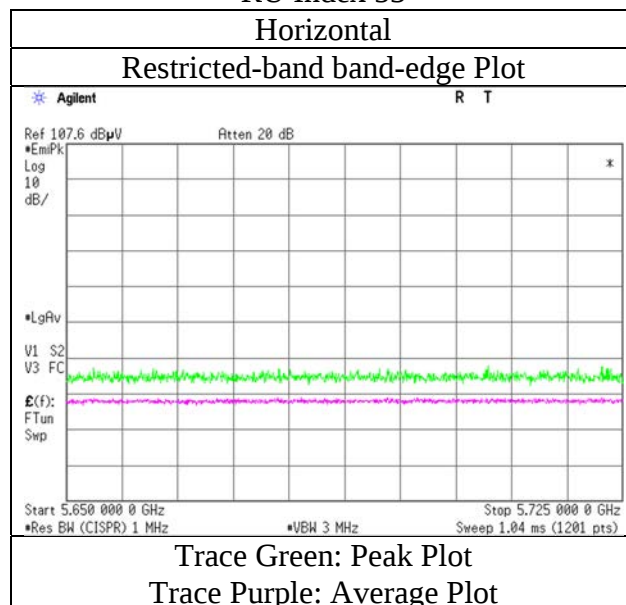
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.1	31.7	6.3	31.8	-	46.3	68.2	21.9	
Hori.	5700.000	PK	40.6	31.8	6.3	31.8	-	46.9	105.2	58.4	
Hori.	5720.000	PK	40.9	31.9	6.3	31.8	-	47.3	110.8	63.5	
Hori.	5725.000	PK	41.2	32.0	6.3	31.8	-	47.7	122.2	74.5	
Vert.	5650.000	PK	40.2	31.7	6.3	31.8	-	46.4	68.2	21.8	
Vert.	5700.000	PK	40.3	31.8	6.3	31.8	-	46.6	105.2	58.6	
Vert.	5720.000	PK	40.3	31.9	6.3	31.8	-	46.8	110.8	64.0	
Vert.	5725.000	PK	40.6	32.0	6.3	31.8	-	47.0	122.2	75.2	

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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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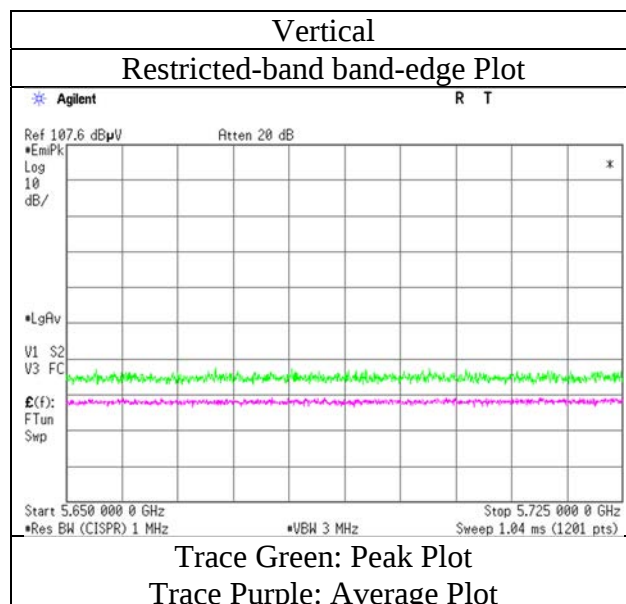
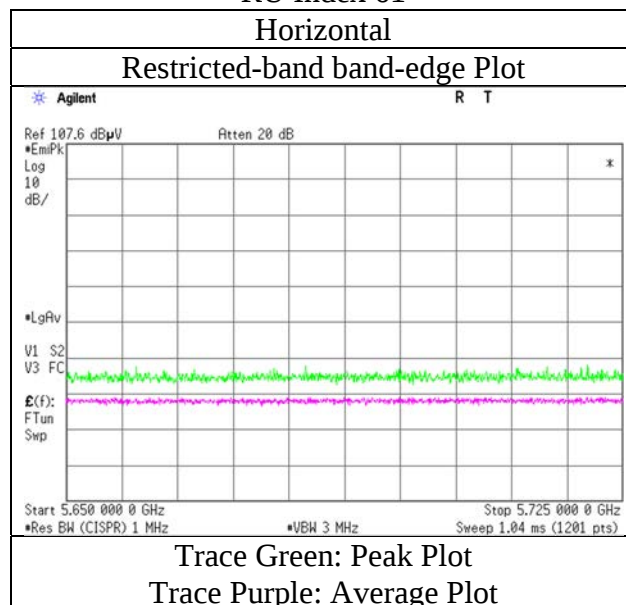
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.6	31.7	6.3	31.8	-	46.7	68.2	21.5	
Hori.	5700.000	PK	41.2	31.8	6.3	31.8	-	47.5	105.2	57.7	
Hori.	5720.000	PK	49.2	31.9	6.3	31.8	-	55.6	110.8	55.2	
Hori.	5725.000	PK	51.6	32.0	6.3	31.8	-	58.1	122.2	64.1	
Vert.	5650.000	PK	40.0	31.7	6.3	31.8	-	46.2	68.2	22.1	
Vert.	5700.000	PK	42.7	31.8	6.3	31.8	-	49.0	105.2	56.2	
Vert.	5720.000	PK	53.3	31.9	6.3	31.8	-	59.7	110.8	51.1	
Vert.	5725.000	PK	54.4	32.0	6.3	31.8	-	60.9	122.2	61.3	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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Ise EMC Lab.

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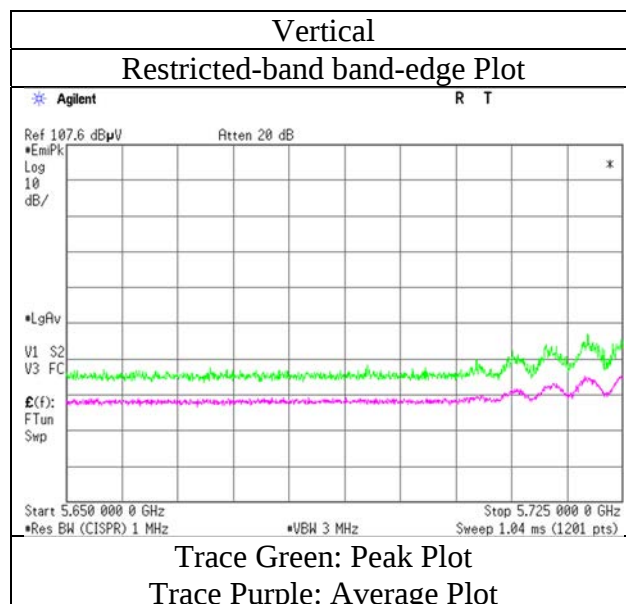
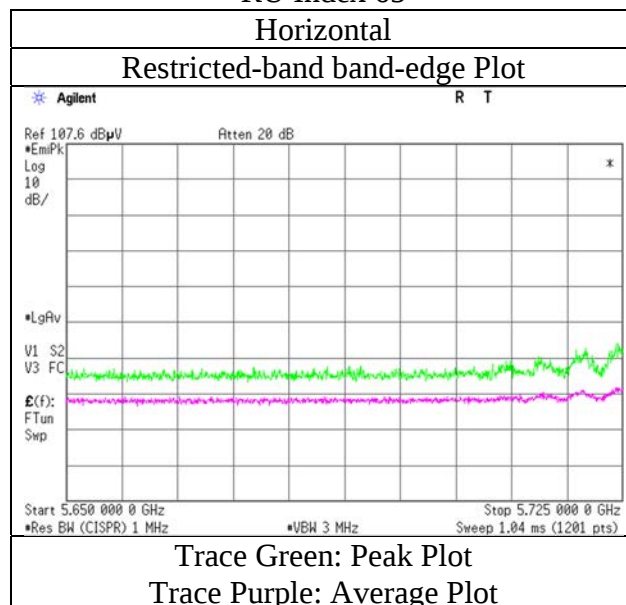
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.3	32.3	6.4	31.8	-	47.1	122.2	75.1	
Hori.	5855.000	PK	40.3	32.3	6.4	31.8	-	47.1	110.8	63.7	
Hori.	5875.000	PK	40.1	32.3	6.4	31.8	-	47.0	105.2	58.2	
Hori.	5925.000	PK	30.8	32.4	6.4	31.9	-	37.7	68.2	30.5	
Vert.	5850.000	PK	40.2	32.3	6.4	31.8	-	47.0	122.2	75.2	
Vert.	5855.000	PK	40.2	32.3	6.4	31.8	-	47.0	110.8	63.8	
Vert.	5875.000	PK	40.1	32.3	6.4	31.8	-	47.0	105.2	58.3	
Vert.	5925.000	PK	39.6	32.4	6.4	31.9	-	46.5	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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

UL Japan, Inc.

Ise EMC Lab.

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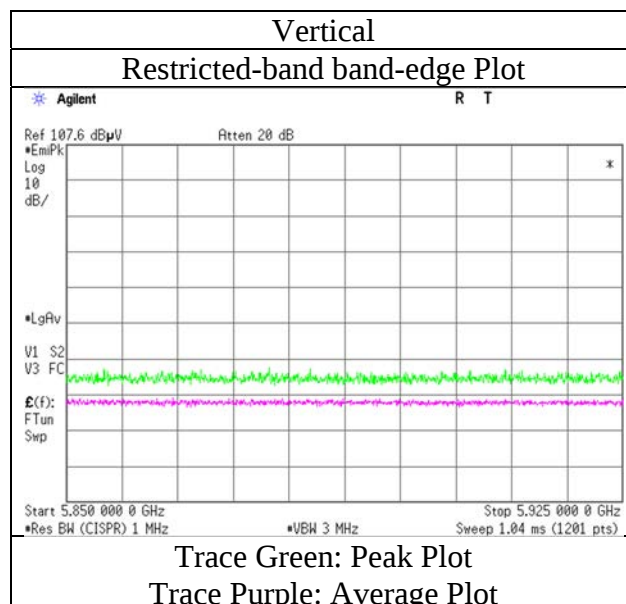
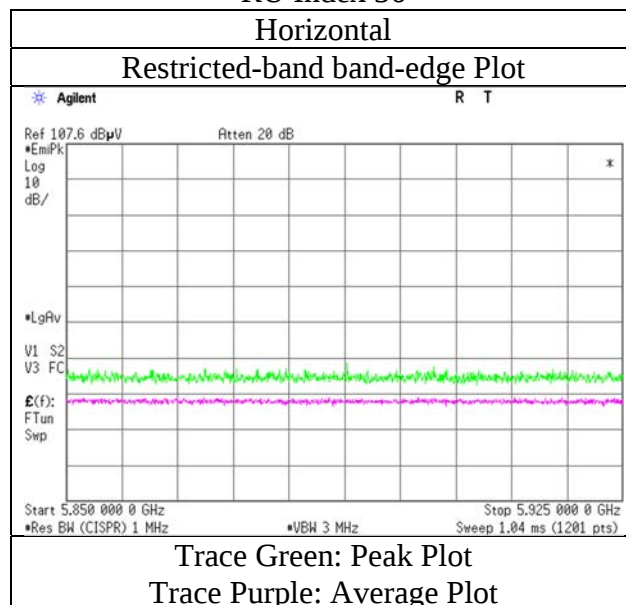
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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	40.4	32.3	6.4	31.8	-	47.2	122.2	75.0	
Hori.	5855.000	PK	40.4	32.3	6.4	31.8	-	47.2	110.8	63.6	
Hori.	5875.000	PK	40.3	32.3	6.4	31.8	-	47.1	105.2	58.1	
Hori.	5925.000	PK	40.2	32.4	6.4	31.9	-	47.0	68.2	21.2	
Vert.	5850.000	PK	40.3	32.3	6.4	31.8	-	47.1	122.2	75.1	
Vert.	5855.000	PK	40.3	32.3	6.4	31.8	-	47.1	110.8	63.7	
Vert.	5875.000	PK	40.2	32.3	6.4	31.8	-	47.0	105.2	58.2	
Vert.	5925.000	PK	40.0	32.4	6.4	31.9	-	46.9	68.2	21.3	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

UL Japan, Inc.

Ise EMC Lab.

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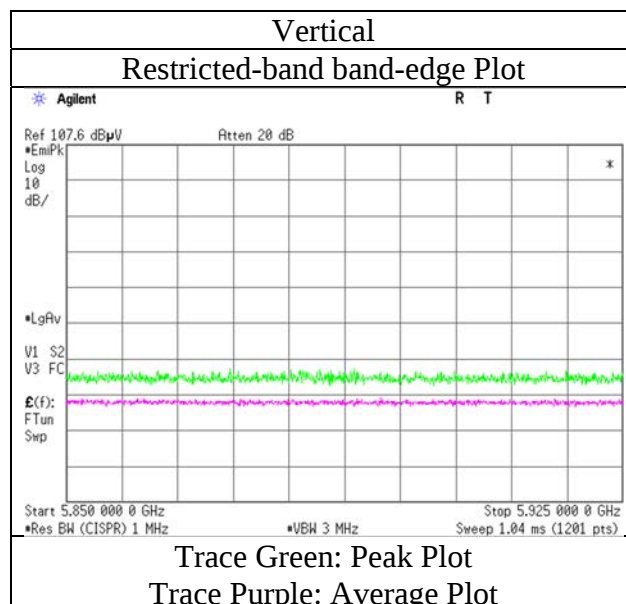
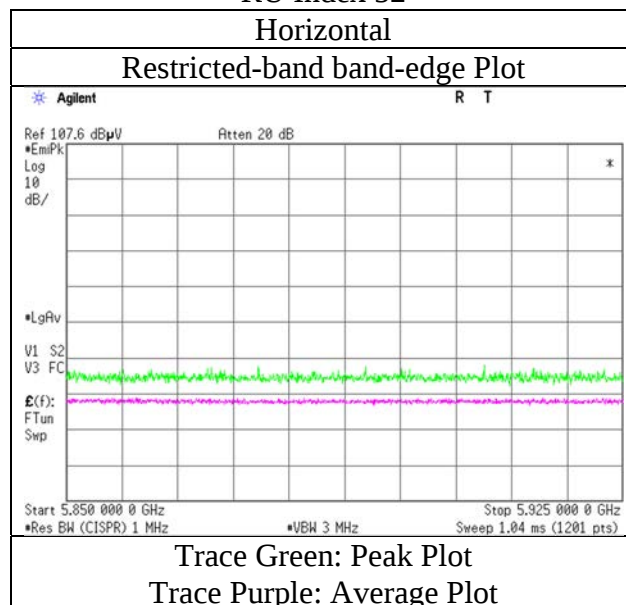
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.5	32.3	6.4	31.8	-	47.3	122.2	74.9	
Hori.	5855.000	PK	40.4	32.3	6.4	31.8	-	47.3	110.8	63.5	
Hori.	5875.000	PK	40.4	32.3	6.4	31.8	-	47.2	105.2	58.0	
Hori.	5925.000	PK	40.3	32.4	6.4	31.9	-	47.1	68.2	21.1	
Vert.	5850.000	PK	40.4	32.3	6.4	31.8	-	47.2	122.2	75.0	
Vert.	5855.000	PK	40.4	32.3	6.4	31.8	-	47.2	110.8	63.6	
Vert.	5875.000	PK	40.3	32.3	6.4	31.8	-	47.1	105.2	58.1	
Vert.	5925.000	PK	40.1	32.4	6.4	31.9	-	47.0	68.2	21.2	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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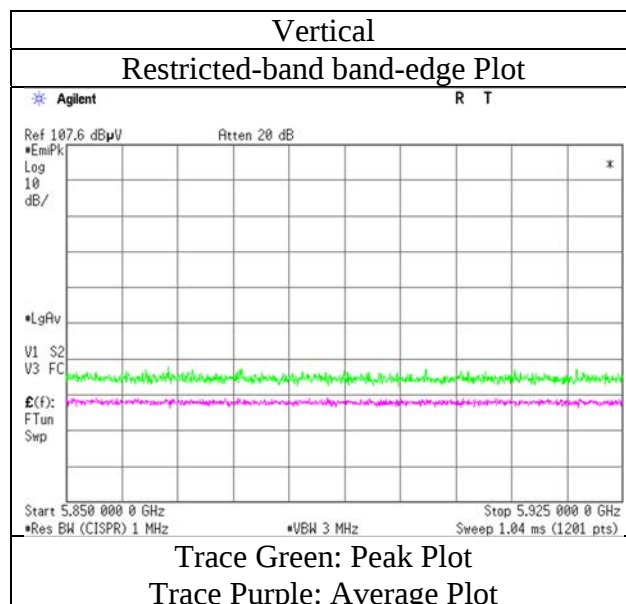
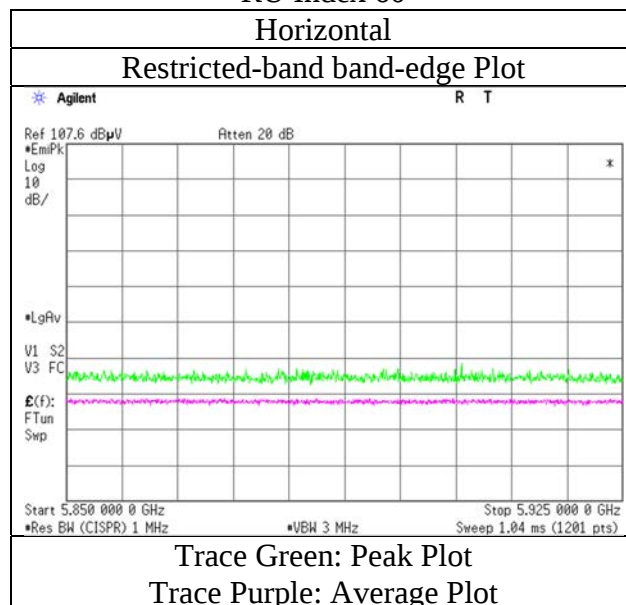
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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	40.6	32.3	6.4	31.8	-	47.4	122.2	74.8	
Hori.	5855.000	PK	40.5	32.3	6.4	31.8	-	47.3	110.8	63.5	
Hori.	5875.000	PK	40.4	32.3	6.4	31.8	-	47.2	105.2	58.0	
Hori.	5925.000	PK	40.2	32.4	6.4	31.9	-	47.0	68.2	21.2	
Vert.	5850.000	PK	40.3	32.3	6.4	31.8	-	47.1	122.2	75.1	
Vert.	5855.000	PK	40.2	32.3	6.4	31.8	-	47.0	110.8	63.8	
Vert.	5875.000	PK	40.0	32.3	6.4	31.8	-	46.9	105.2	58.3	
Vert.	5925.000	PK	40.0	32.4	6.4	31.9	-	46.8	68.2	21.4	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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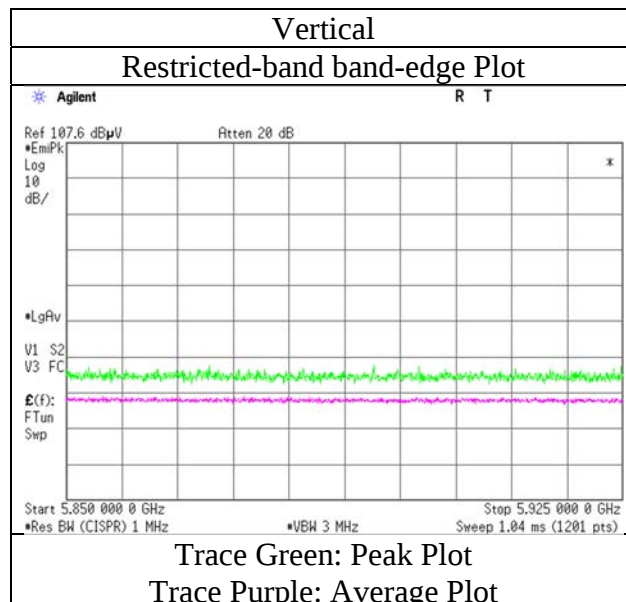
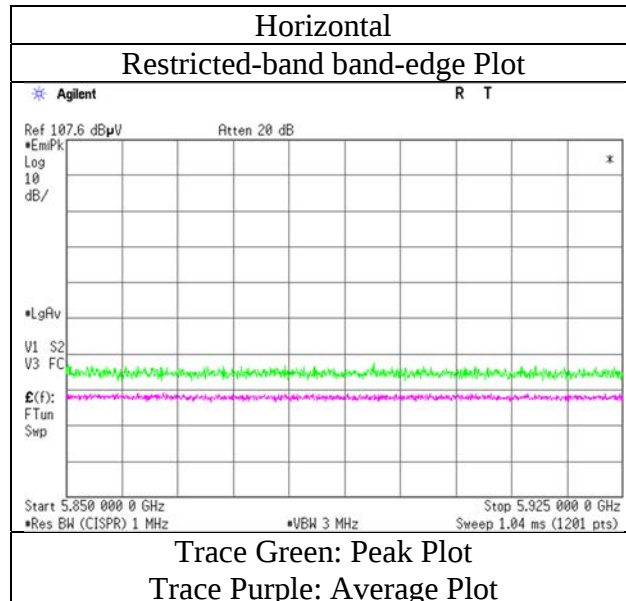
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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	42.3	32.3	6.4	31.8	-	49.1	122.2	73.1	
Hori.	5855.000	PK	41.2	32.3	6.4	31.8	-	48.0	110.8	62.8	
Hori.	5875.000	PK	40.8	32.3	6.4	31.8	-	47.6	105.2	57.6	
Hori.	5925.000	PK	40.6	32.4	6.4	31.9	-	47.4	68.2	20.8	
Vert.	5850.000	PK	40.7	32.3	6.4	31.8	-	47.5	122.2	74.7	
Vert.	5855.000	PK	40.5	32.3	6.4	31.8	-	47.3	110.8	63.5	
Vert.	5875.000	PK	40.4	32.3	6.4	31.8	-	47.2	105.2	58.0	
Vert.	5925.000	PK	40.4	32.4	6.4	31.9	-	47.3	68.2	20.9	

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 $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

UL Japan, Inc.

Ise EMC Lab.

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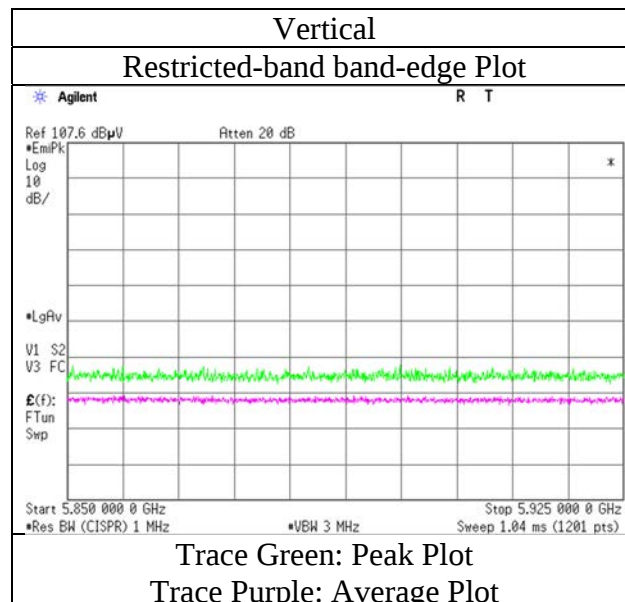
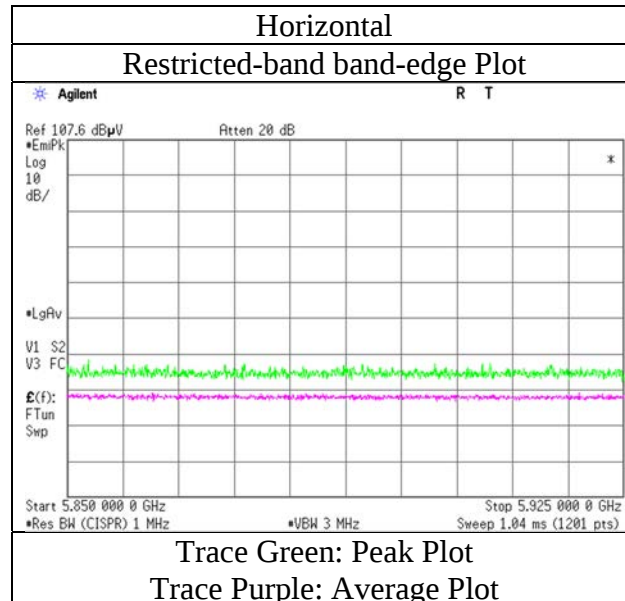
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 28, 2021
Temperature / Humidity 20 deg. C / 37 % RH
Engineer Takeshi Hiyaji
(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	40.2	31.7	6.3	31.8	-	46.4	68.2	21.8	
Hori.	5700.000	PK	52.6	31.8	6.3	31.8	-	58.9	105.2	46.3	
Hori.	5720.000	PK	54.9	31.9	6.3	31.8	-	61.3	110.8	49.5	
Hori.	5725.000	PK	55.7	32.0	6.3	31.8	-	62.1	122.2	60.1	
Hori.	5850.000	PK	53.7	32.3	6.4	31.8	-	60.5	122.2	61.7	
Hori.	5855.000	PK	51.6	32.3	6.4	31.8	-	58.4	110.8	52.4	
Hori.	5875.000	PK	49.3	32.3	6.4	31.8	-	56.1	105.2	49.1	
Hori.	5925.000	PK	40.9	32.4	6.4	31.9	-	47.8	68.2	20.4	
Vert.	5650.000	PK	40.7	31.7	6.3	31.8	-	46.8	68.2	21.4	
Vert.	5700.000	PK	48.6	31.8	6.3	31.8	-	54.9	105.2	50.3	
Vert.	5720.000	PK	53.9	31.9	6.3	31.8	-	60.3	110.8	50.5	
Vert.	5725.000	PK	55.3	32.0	6.3	31.8	-	61.7	122.2	60.5	
Vert.	5850.000	PK	51.6	32.3	6.4	31.8	-	58.4	122.2	63.8	
Vert.	5855.000	PK	50.7	32.3	6.4	31.8	-	57.5	110.8	53.3	
Vert.	5875.000	PK	44.1	32.3	6.4	31.8	-	51.0	105.2	54.2	
Vert.	5925.000	PK	40.8	32.4	6.4	31.9	-	47.7	68.2	20.5	

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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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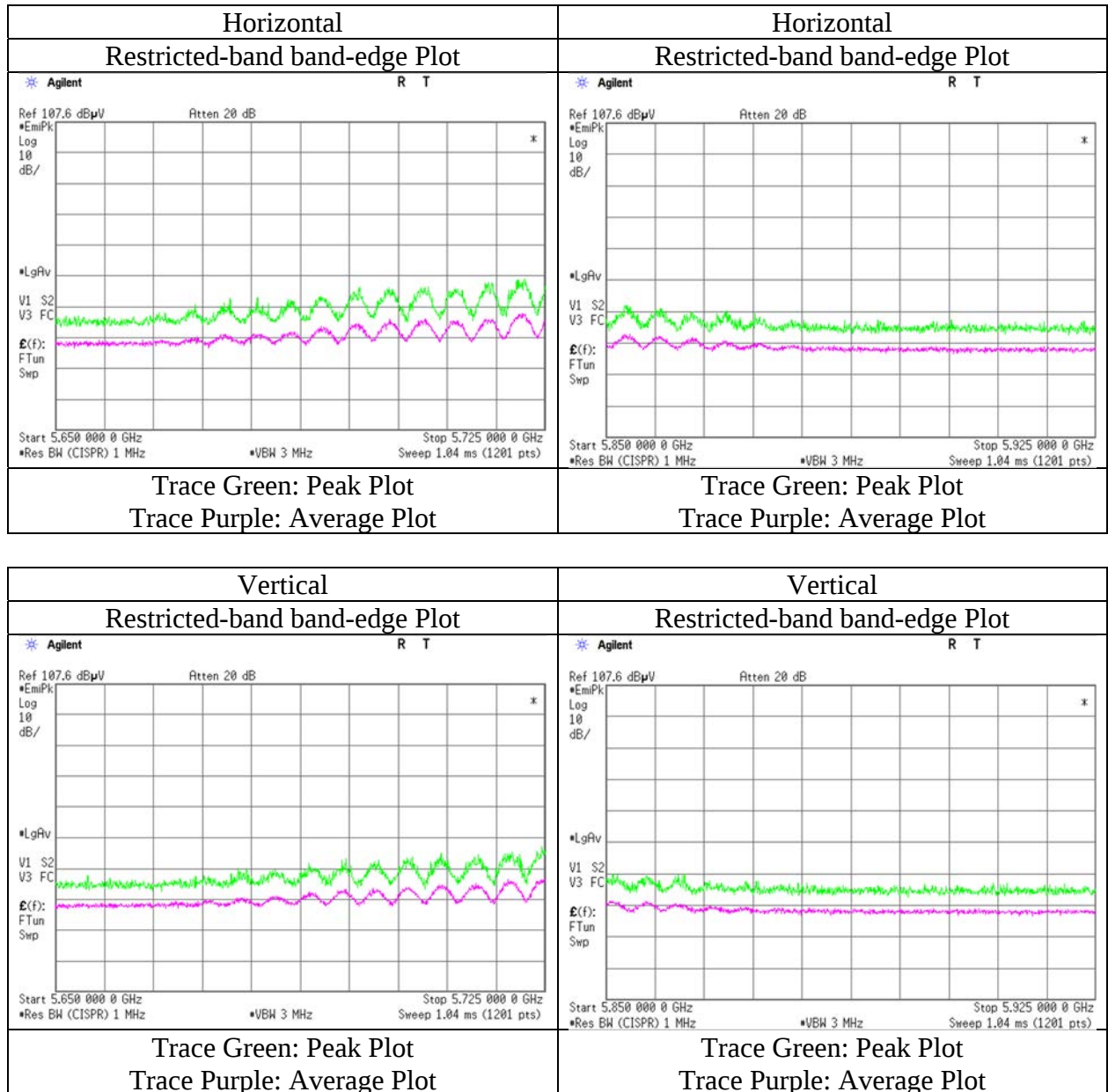
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	20 deg. C / 37 % RH
Engineer	Takeshi Hiyaji
	(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.

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Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H			
Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 28, 2021	January 30, 2021	January 31, 2021	February 3, 2021
Temperature / Humidity	23 deg. C / 35 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH	20 deg. C / 31 % RH
Engineer	Nachi Konegawa	Yuta Moriya	Yuta Moriya	Nachi Konegawa
	(1 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)	(Below 1 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.	73.070	QP	42.0	6.4	7.8	32.2	-	24.1	40.0	16.0	
Hori.	75.220	QP	42.6	6.5	7.9	32.2	-	24.8	40.0	15.2	
Hori.	163.792	QP	35.7	15.7	8.9	32.1	-	28.2	43.5	15.3	
Hori.	615.450	QP	36.3	19.5	12.1	32.0	-	35.9	46.0	10.1	
Hori.	620.450	QP	36.8	19.5	12.1	32.0	-	36.4	46.0	9.6	
Hori.	861.360	QP	34.4	21.7	13.4	31.1	-	38.4	46.0	7.6	
Hori.	5460.000	PK	51.8	31.7	6.2	31.7	-	58.0	68.2	10.2	
Hori.	5470.000	PK	52.6	31.7	6.2	31.7	-	58.8	68.2	9.4	
Hori.	11060.000	PK	42.1	39.8	-2.3	33.6	-	46.0	73.9	27.9	Floor noise
Hori.	16590.000	PK	43.3	40.2	0.4	32.7	-	51.2	68.2	17.0	Floor noise
Hori.	5460.000	AV	40.1	31.7	6.2	31.7	0.1	46.4	53.9	7.5	*1)
Hori.	11060.000	AV	33.8	39.8	-2.3	33.6	-	37.7	53.9	16.2	Floor noise
Vert.	73.070	QP	51.0	6.4	7.8	32.2	-	33.1	40.0	6.9	
Vert.	75.220	QP	51.5	6.5	7.9	32.2	-	33.7	40.0	6.3	
Vert.	163.792	QP	38.4	15.7	8.9	32.1	-	30.9	43.5	12.6	
Vert.	615.450	QP	42.1	19.5	12.1	32.0	-	41.7	46.0	4.3	
Vert.	620.450	QP	43.0	19.5	12.1	32.0	-	42.6	46.0	3.4	
Vert.	861.360	QP	34.6	21.7	13.4	31.1	-	38.6	46.0	7.4	
Vert.	5460.000	PK	49.1	31.7	6.2	31.7	-	55.3	68.2	13.0	
Vert.	5470.000	PK	50.7	31.7	6.2	31.7	-	56.9	68.2	11.3	
Vert.	11060.000	PK	42.2	39.8	-2.3	33.6	-	46.1	73.9	27.8	Floor noise
Vert.	16590.000	PK	43.4	40.2	0.4	32.7	-	51.3	68.2	16.9	Floor noise
Vert.	5460.000	AV	37.4	31.7	6.2	31.7	0.1	43.7	53.9	10.2	*1)
Vert.	11060.000	AV	33.7	39.8	-2.3	33.6	-	37.6	53.9	16.3	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 $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$
 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)

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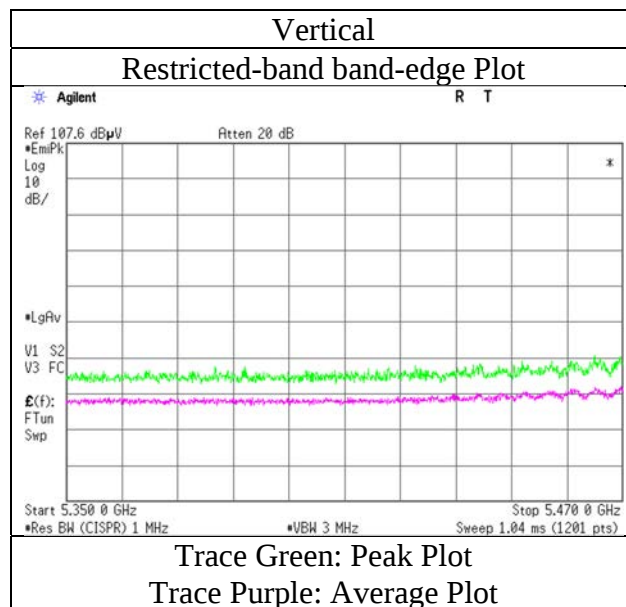
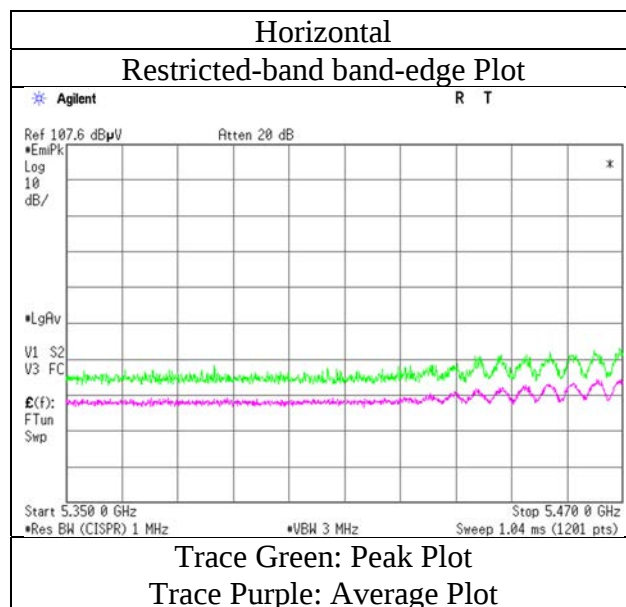
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 28, 2021
Temperature / Humidity	23 deg. C / 35 % RH
Engineer	Nachi Konegawa
	(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.

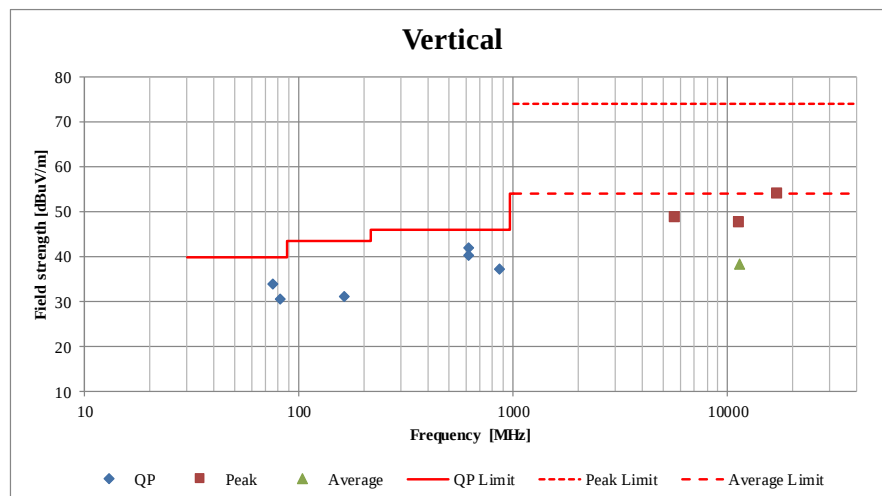
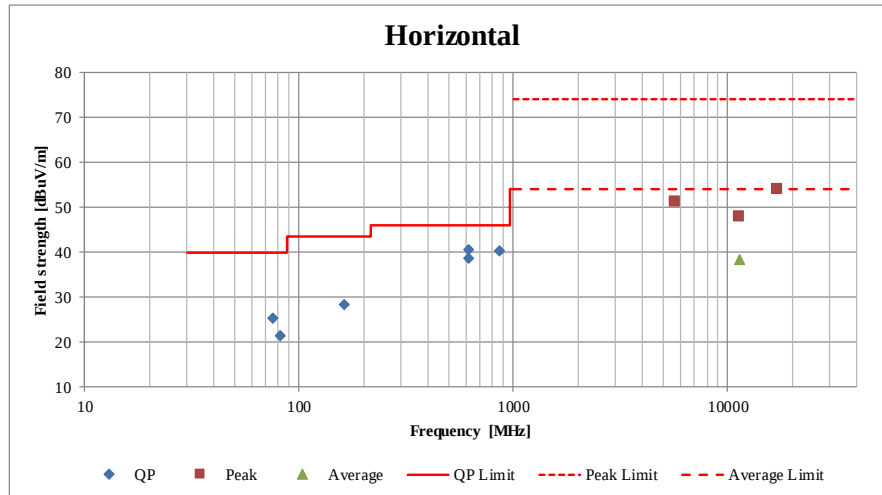
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Radiated Spurious Emission (Plot data, Worst case)

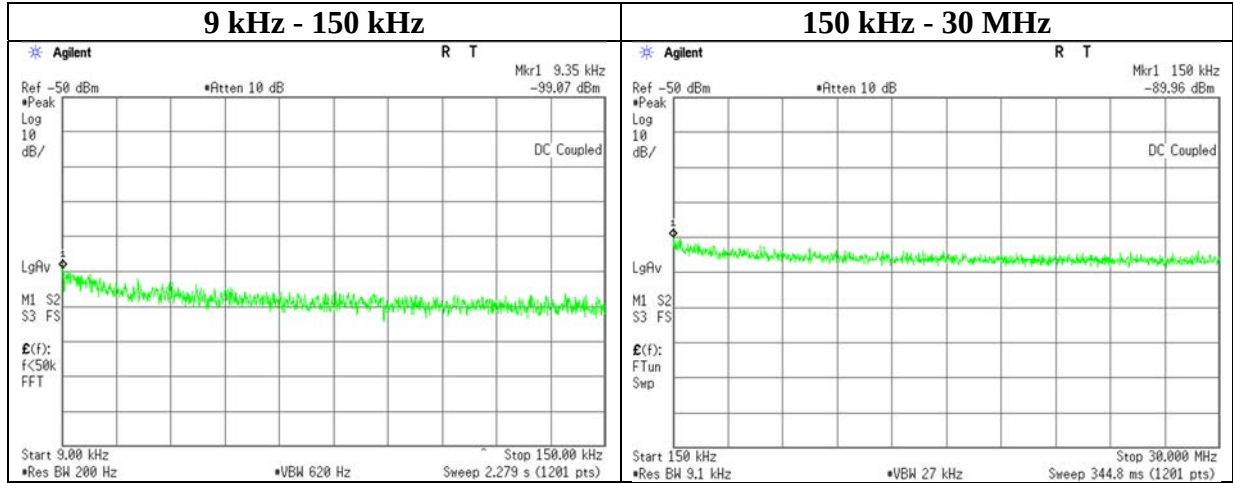
Report No.	13671144H				
Test place	Ise EMC Lab.				
Semi Anechoic Chamber	No.3	No.3	No.3	No.3	No.3
Date	January 24, 2021	January 29, 2021	January 30, 2021	January 31, 2021	February 3, 2021
Temperature / Humidity	24 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH	20 deg. C / 31 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya	Nachi Konegawa
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)	(Below 1 GHz)
Mode	Tx 11ax-20 5700 MHz (OFDM)				



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

Conducted Spurious Emission

Report No. 13671144H
Test place Ise EMC Lab. No.8 Measurement Room
Date January 23, 2021
Temperature / Humidity 23 deg. C / 47 % RH
Engineer Junya Okuno
Mode Tx 11ax-20 (OFDM) 5700 MHz, Antenna 3



Frequency [kHz]	Reading [dBm]	Cable Loss [dB]	Attenuator [dB]	Antenna Gain [dBi]	N (Number of Output)	EIRP [dBm]	Distance [m]	Ground bounce [dB]	E (field strength) [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
9.35	-99.1	0.50	9.8	8.3	2	-77.5	300	6.0	-16.2	48.1	64.3	
150.00	-90.0	0.50	9.8	8.3	2	-68.4	300	6.0	-7.1	24.0	31.1	

$$E \text{ [dBuV/m]} = \text{EIRP [dBm]} - 20 \log (\text{Distance [m]}) + \text{Ground bounce [dB]} + 104.8 \text{ [dBuV/m]}$$

$$\text{EIRP [dBm]} = \text{Reading [dBm]} + \text{Cable loss [dB]} + \text{Attenuator Loss [dB]} + \text{Antenna gain [dBi]} + 10 * \log (N)$$

N: Number of output

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APPENDIX 2: Test instruments

Test equipment (1/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Calibration Due Date	Cal Int
RE	MOS-13	141554	Thermo-Hygrometer	CUSTOM	CTH-180	1301	01/15/2021	12
RE	MMM-08	141532	DIGITAL HiTESTER	HIOKI	3805	51201197	01/07/2021	12
RE	MJM-16	142183	Measure	KOMELON	KMC-36	-	-	-
RE	MHA-20	141507	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	258	10/31/2020	12
RE	MPA-11	141580	MicroWave System Amplifier	AGILENT	83017A	MY39500779	03/24/2020	12
RE	MCC-231	177964	Microwave Cable	Junkosha INC.	MMX221	1901S329(1m)/ 1902S579(5m)	11/18/2020	12
RE	MAEC-03	142008	Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	05/22/2020	24
RE	COTS-MEMI-02	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	MAEC-03-SVSWR	142013	Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-10005	04/08/2020	12
RE	MSA-16	141903	Spectrum Analyzer	AGILENT	E4440A	MY46186390	12/18/2020	12
RE	MSA-03	141884	Spectrum Analyzer	AGILENT	E4448A	MY44020357	03/04/2020	12
RE	MHF-22	141293	High Pass Filter 7-20GHz	TOKIMEC	TF37NCCB	602	01/14/2021	12
RE	MCC-177	141226	Microwave Cable	Junkosha	MMX221-00500DMSDMS	1502S304	03/01/2021	12
RE	MHA-16	141513	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	BBHA9170306	05/21/2020	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	22190	152399	08/03/2020	12
RE	MAT-95	142314	Attenuator	Pasternack	PE7390-6	D/C 1504	06/17/2020	12
RE	MBA-03	141424	Biconical Antenna	Schwarzbeck	BBA9106	1915	08/13/2020	12
RE	MCC-51	141323	Coaxial cable	UL Japan	-	-	07/06/2020	12
RE	MLA-22	141266	Logperiodic Antenna(200-1000MHz)	Schwarzbeck	VUSLP9111B	911B-191	08/13/2020	12
RE	MPA-13	141582	Pre Amplifier	SONOMA INSTRUMENT	11/5/1900	260834	02/03/2021	12
RE	MTR-03	141942	Test Receiver	Rohde & Schwarz	ESCI	100300	08/18/2020	12
RE	MSA-04	141885	Spectrum Analyzer	AGILENT	E4448A	US44300523	11/09/2020	12
AT	MOS-28	141567	Thermo-Hygrometer	CUSTOM	CTH-201	8	01/15/2021	12
AT	MMM-17	141557	DIGITAL HiTESTER	HIOKI	3805	70900530	01/07/2021	12
AT	MAT-91	141420	Attenuator	Weinschel Associates	WA56-10	56100307	05/25/2020	12
AT	MAT-92	141421	Attenuator	Weinschel Associates	WA56-10	56100308	05/25/2020	12
AT	MPM-17	141813	Power Meter	DARE!! Instruments	RPR3006W	14I00048SNO081	11/06/2020	12
AT	MPM-18	141814	Power Meter	DARE!! Instruments	RPR3006W	14I00048SNO082	11/06/2020	12
AT	COTS-MPM	141176	RPR3006W Measurement software	DARE!! Instruments	RadiMation 2014.2.1	-	-	-
AT	MRENT-130	141855	Spectrum Analyzer	AGILENT	E4440A	MY46187750	11/18/2020	12
AT	MAT-10	141156	Attenuator(10dB)	Weinschel Corp	2	BL1173	11/13/2020	12
AT	MAT-88	141312	Attenuator	Weinschel Associates	WA56-10	56100304	05/27/2020	12
AT	MAT-89	141419	Attenuator	Weinschel Associates	WA56-10	56100305	05/27/2020	12
AT	MSA-13	141900	Spectrum Analyzer	AGILENT	E4440A	MY46185823	09/24/2020	12
AT	MPSC-04	141821	Power Splitters/Combiners	Mini-Circuit	ZFSC-2-10G	326	09/23/2020	12
AT	MCC-96	141375	Microwave Cable 1G-40GHz	Suhner	SUCOFLEX102	30817/2	05/21/2020	12

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Test equipment (2/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Calibration Due Date	Cal Int
CE	MAEC-03	142008	Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	05/22/2020	24
CE	MOS-13	141554	Thermo-Hygrometer	CUSTOM	CTH-180	1301	01/15/2021	12
CE	MMM-08	141532	DIGITAL HiTESTER	HIOKI	3805	51201197	01/07/2021	12
CE	MJM-16	142183	Measure	KOMELON	KMC-36	-	-	-
CE	COTS-MEMI-02	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
CE	MLS-23	141357	LISN(AMN)	Schwarzbeck	NSLK8127	8127-729	07/22/2020	12
CE	MCC-112	141216	Coaxial cable	Fujikura/Suhner/TSJ	5D-2W/SFM14/sucoform141-PE/421-010/RFM-E321(SW)	-/00640	07/06/2020	12
CE	MTR-03	141942	Test Receiver	Rohde & Schwarz	ESCI	100300	08/18/2020	12
CE	MSA-04	141885	Spectrum Analyzer	AGILENT	E4448A	US44300523	11/09/2020	12
CE	MAT-67	141248	Attenuator	JFW Industries, Inc.	50FP-013H2 N	-	12/07/2020	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:

CE: Conducted Emission
RE: Radiated Emission
AT: Antenna Terminal Conducted test