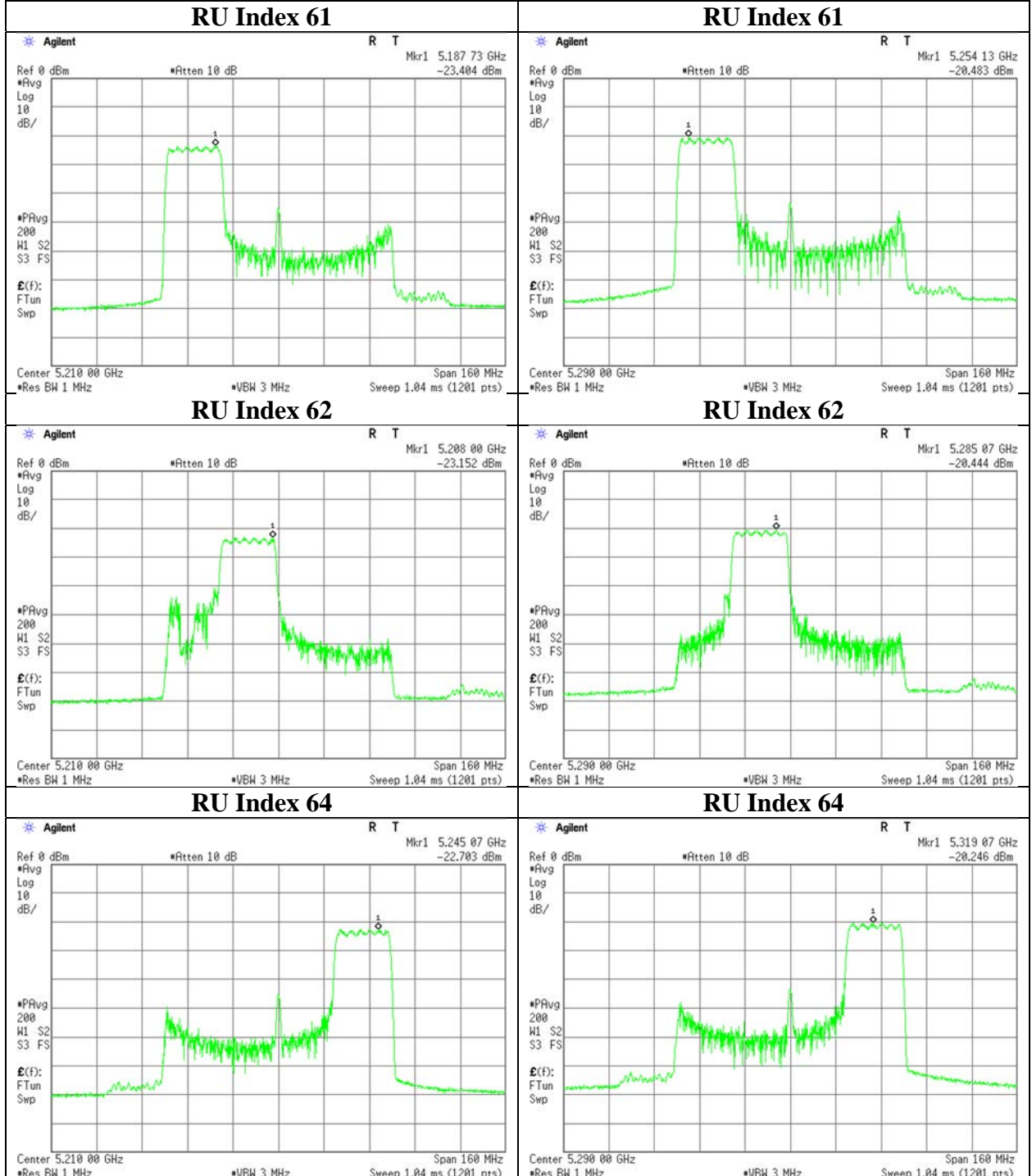


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 1**

**242-tone RU 5210 MHz**

**242-tone RU 5290 MHz**

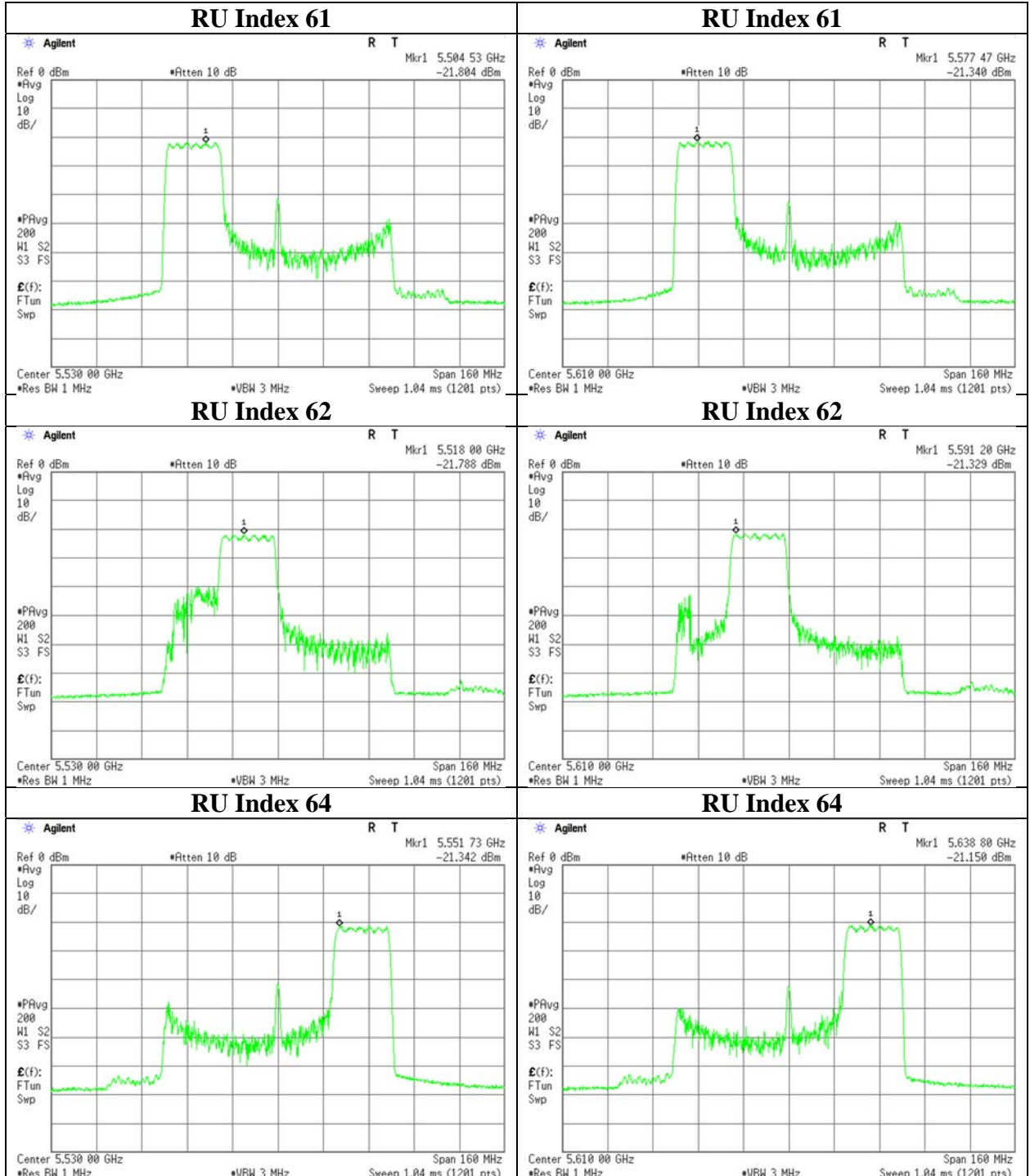


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 1**

**242-tone RU 5530 MHz**

**242-tone RU 5610 MHz**



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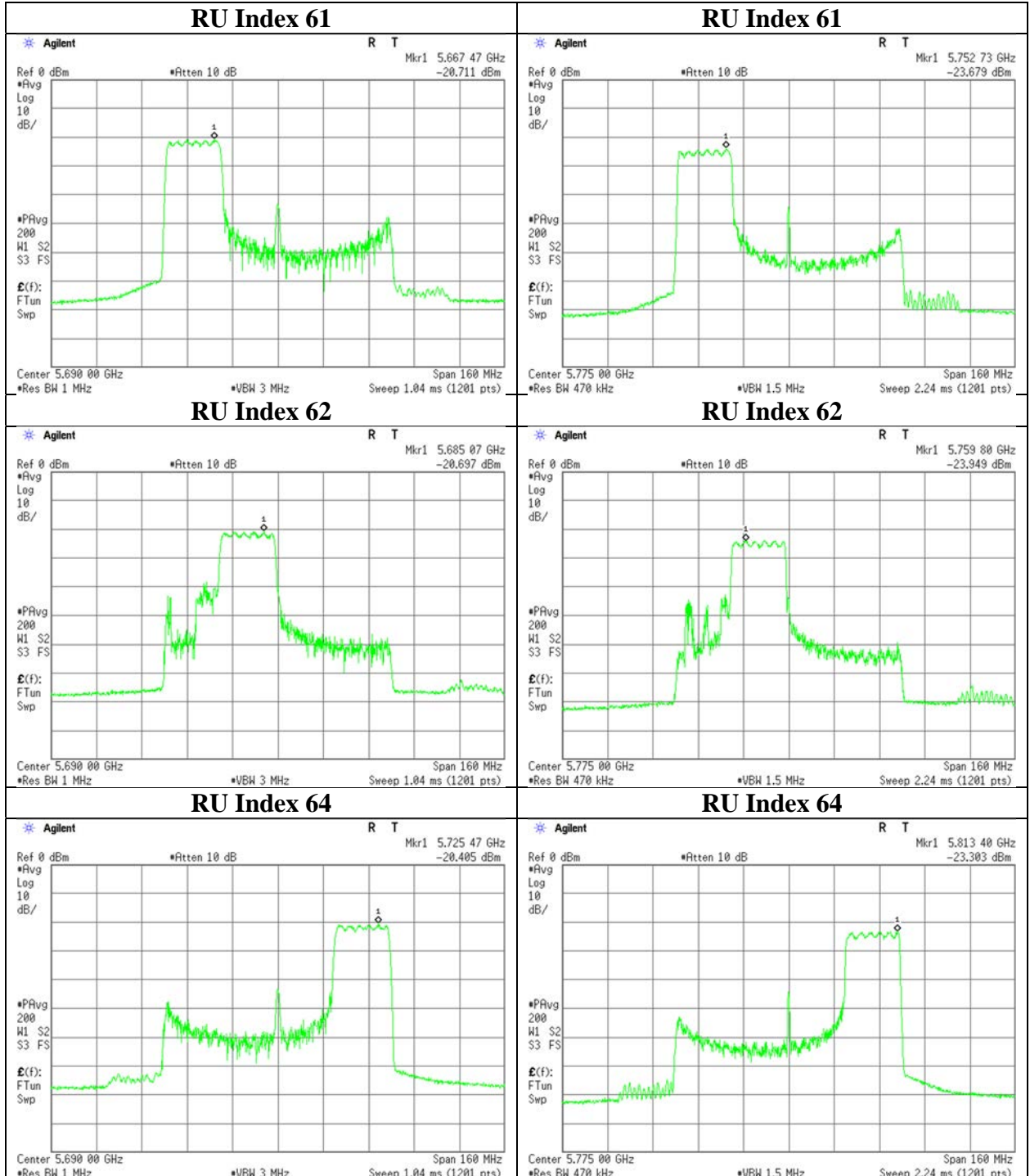
Facsimile : +81 596 24 8124

**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 1**

**242-tone RU 5690 MHz**

**242-tone RU 5775 MHz**



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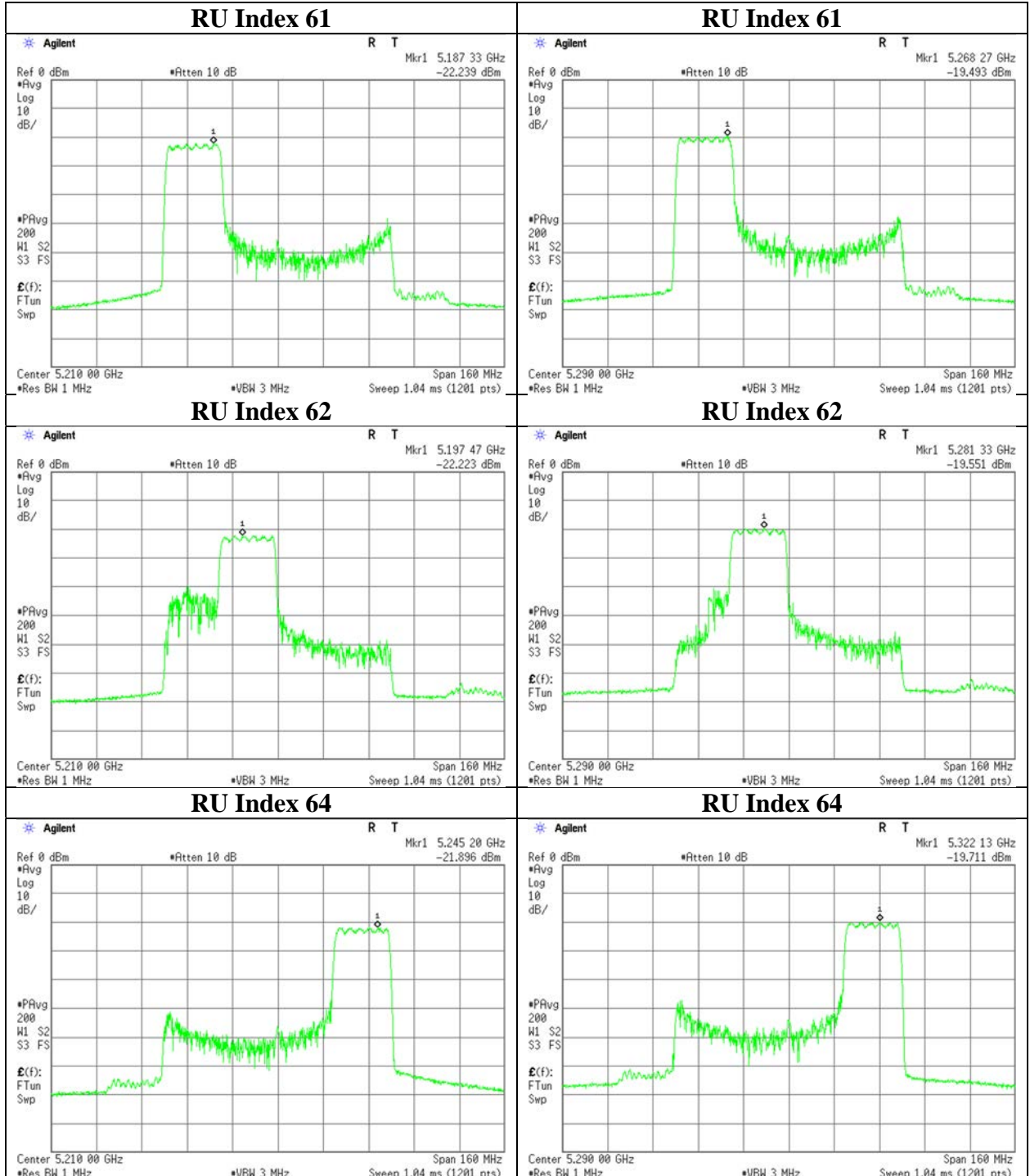
Facsimile : +81 596 24 8124

**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 3**

**242-tone RU 5210 MHz**

**242-tone RU 5290 MHz**

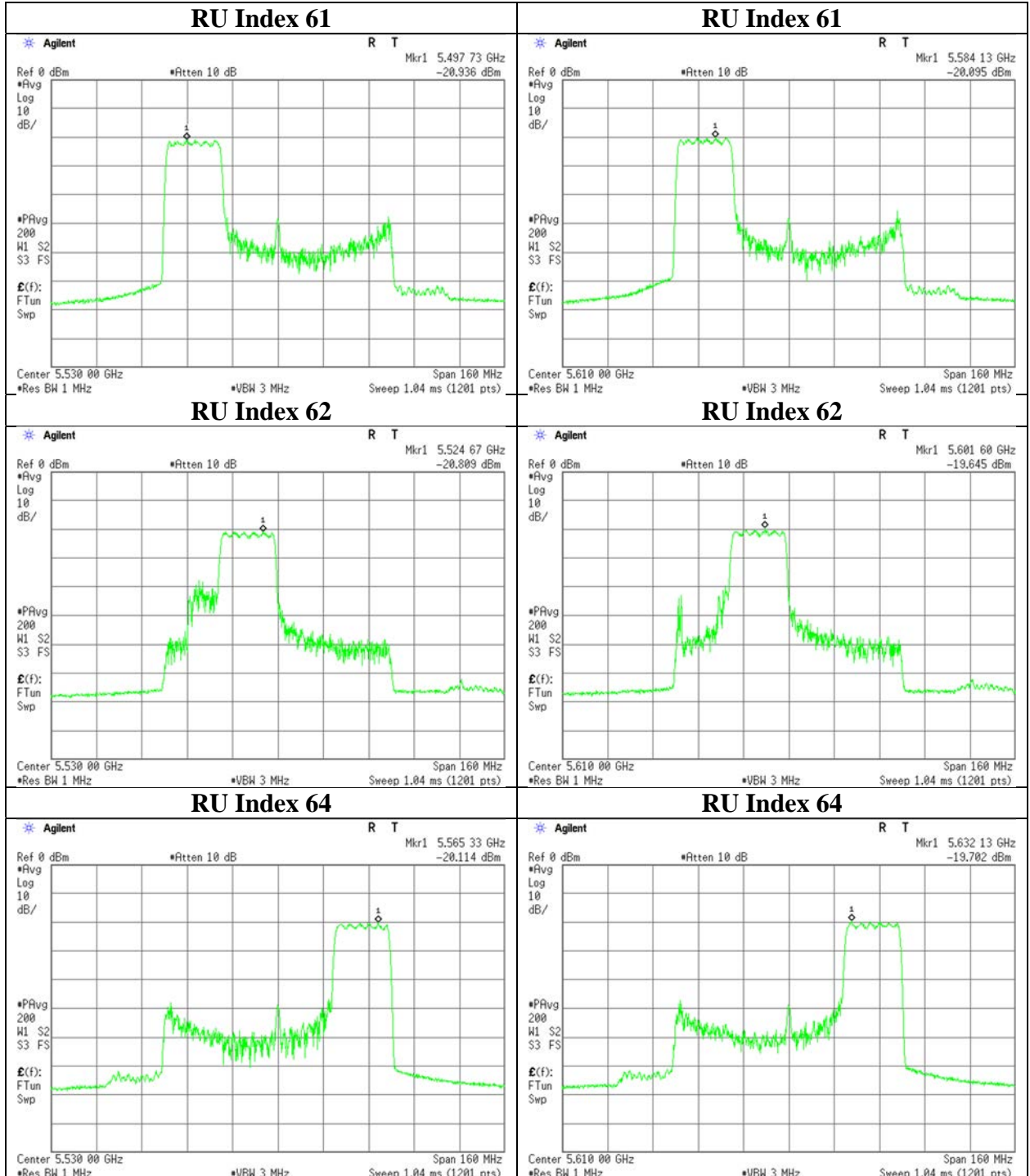


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 3**

**242-tone RU 5530 MHz**

**242-tone RU 5610 MHz**



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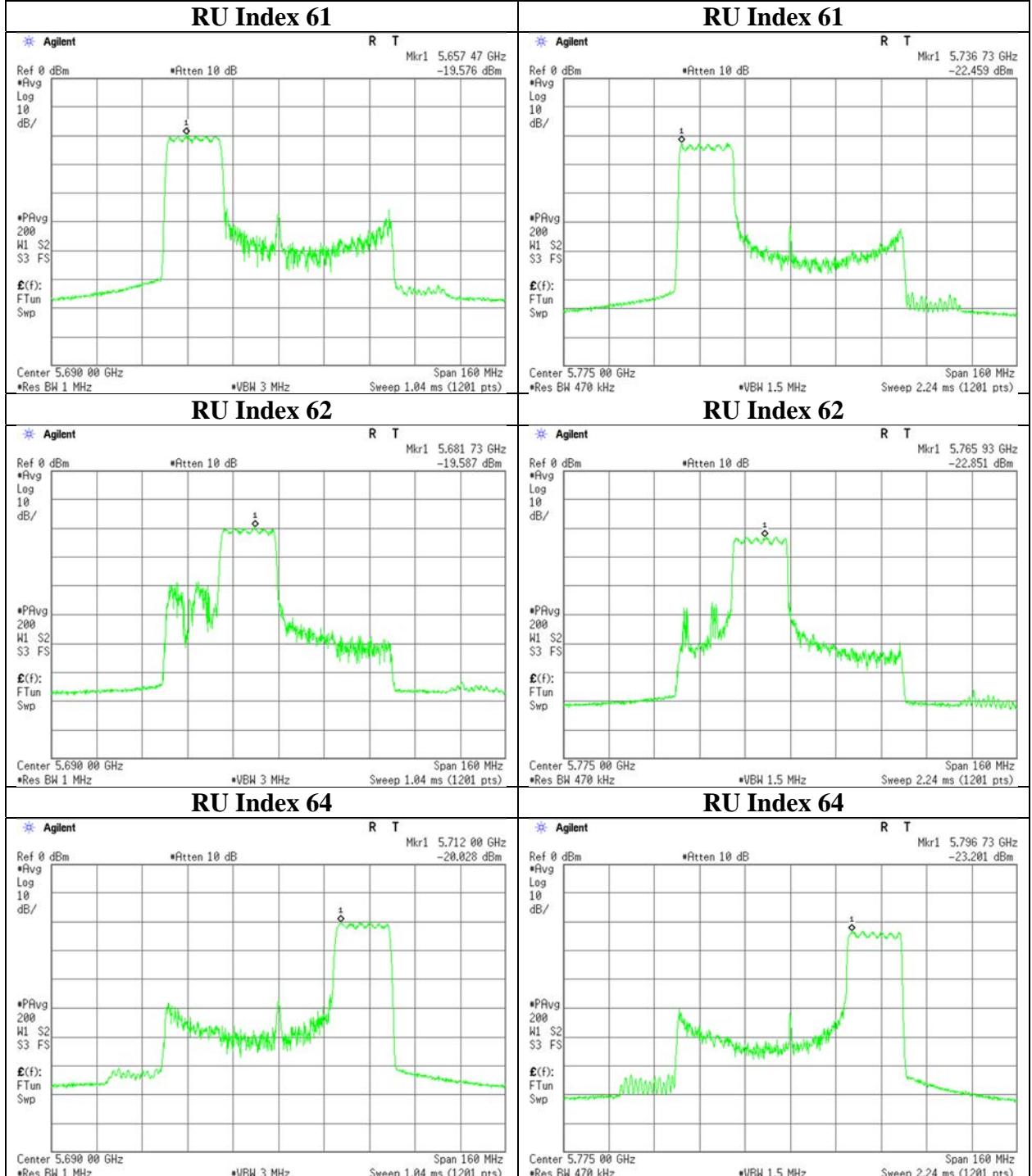
Facsimile : +81 596 24 8124

**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 3**

**242-tone RU 5690 MHz**

**242-tone RU 5775 MHz**

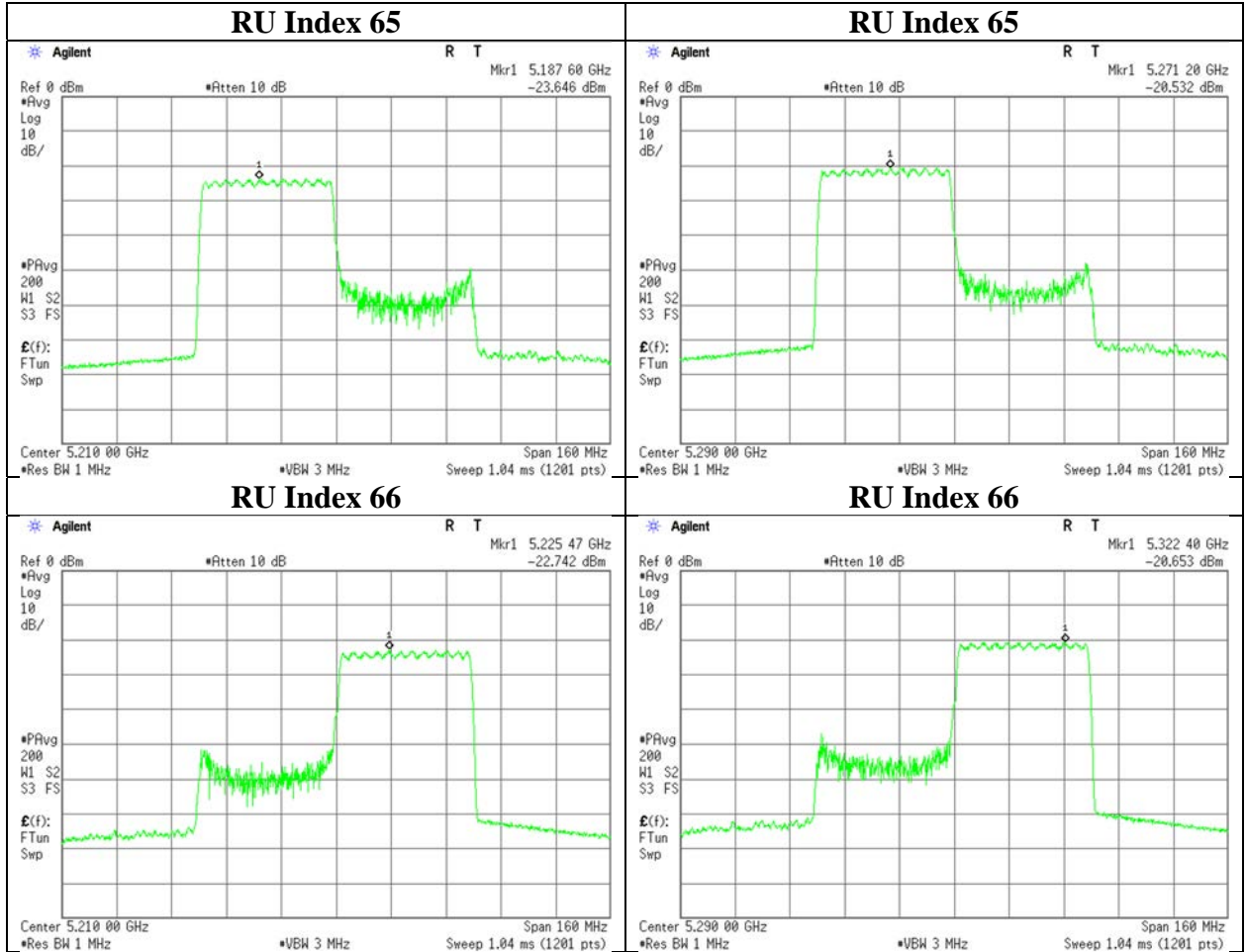


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 1**

**484-tone RU 5210 MHz**

**484-tone RU 5290 MHz**

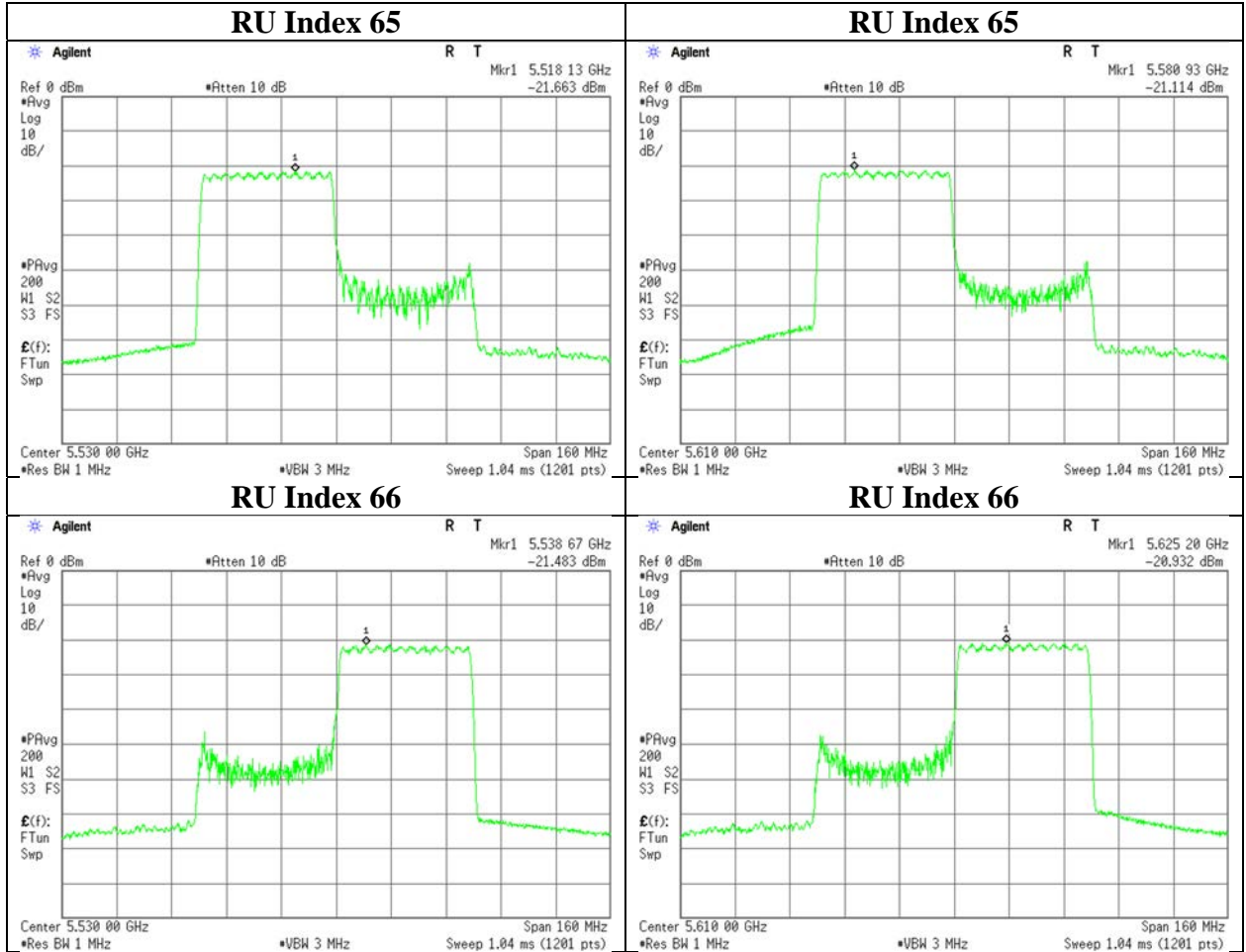


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 1**

**484-tone RU 5530 MHz**

**484-tone RU 5610 MHz**



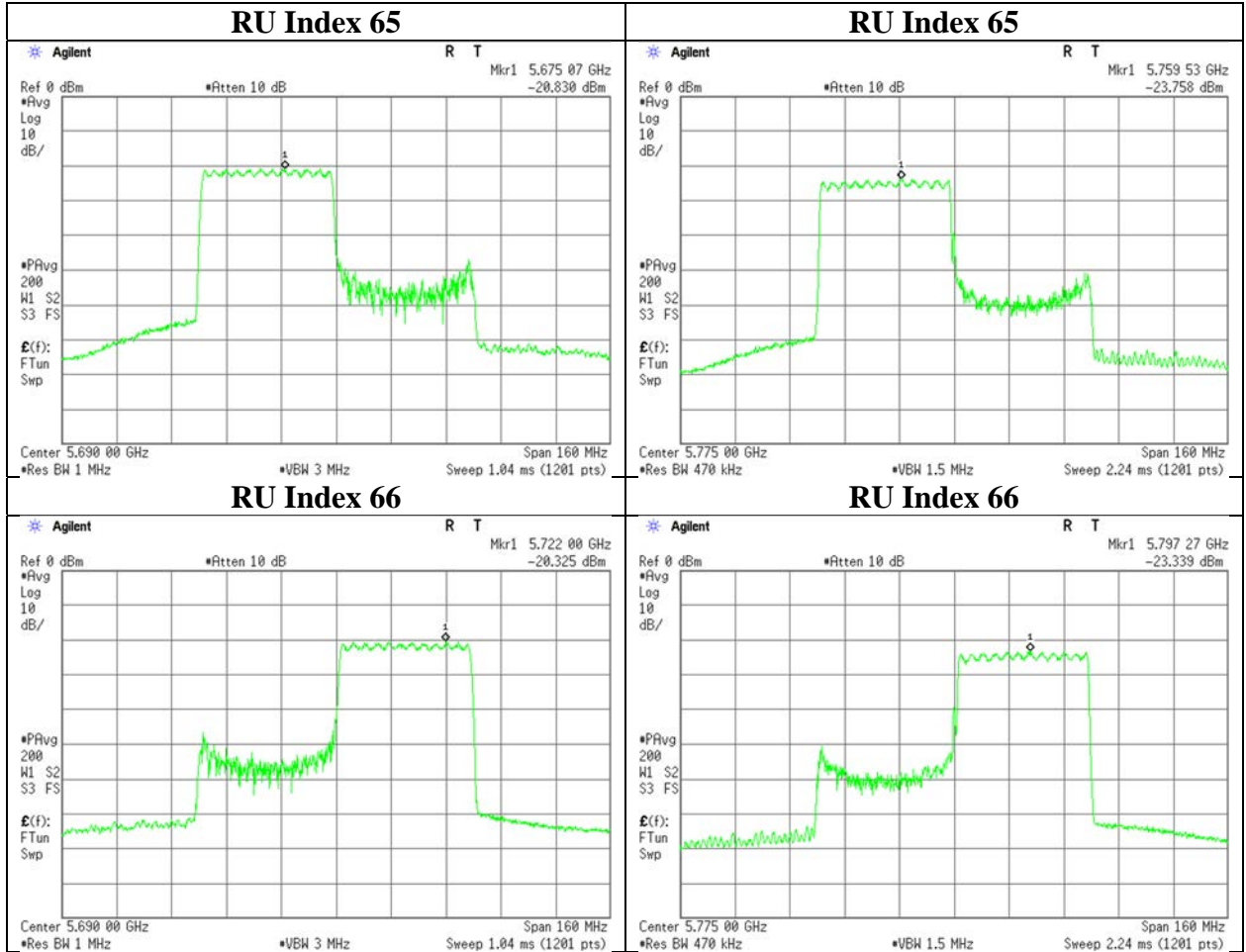


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 1**

**484-tone RU 5690 MHz**

**484-tone RU 5775 MHz**

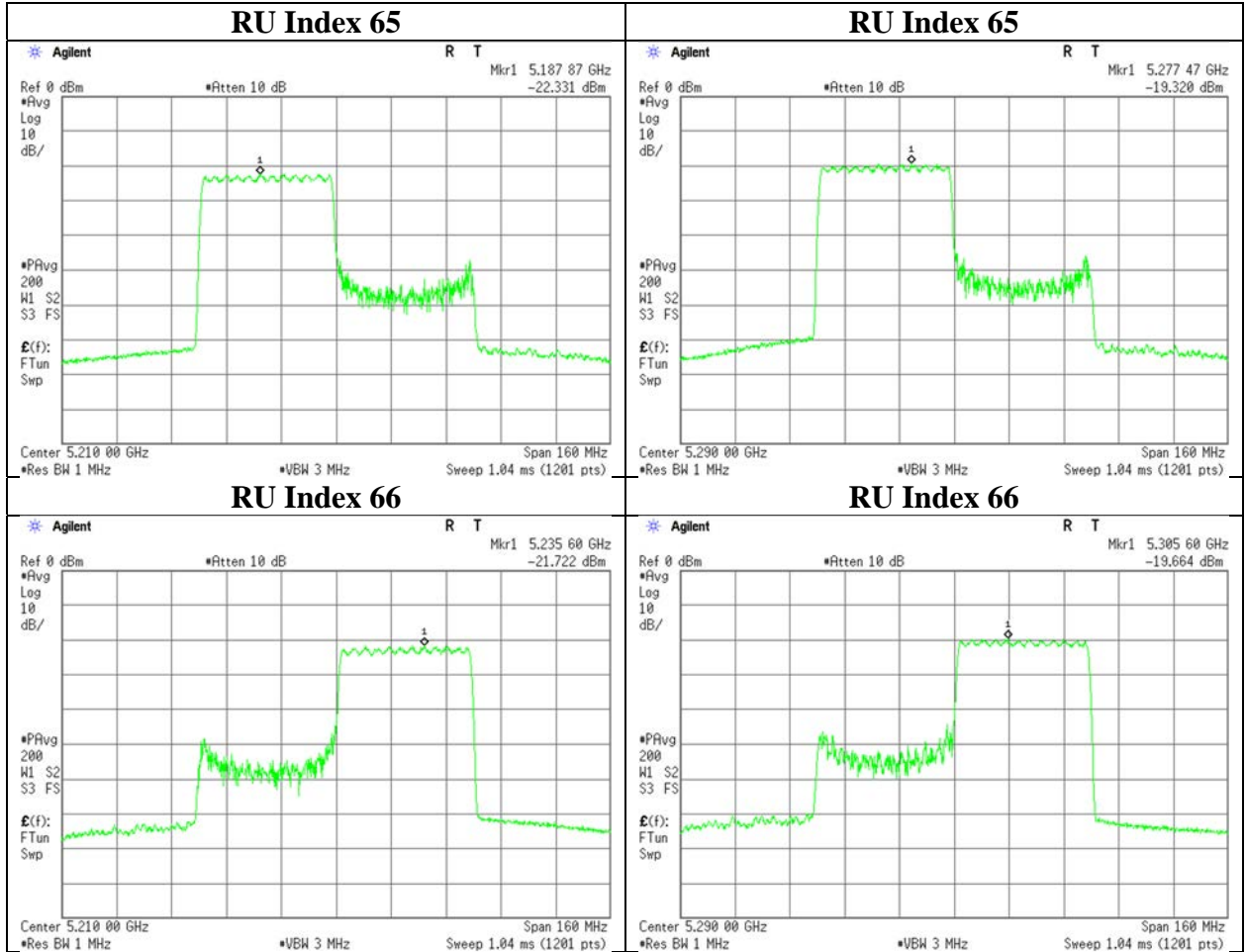


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 3**

**484-tone RU 5210 MHz**

**484-tone RU 5290 MHz**

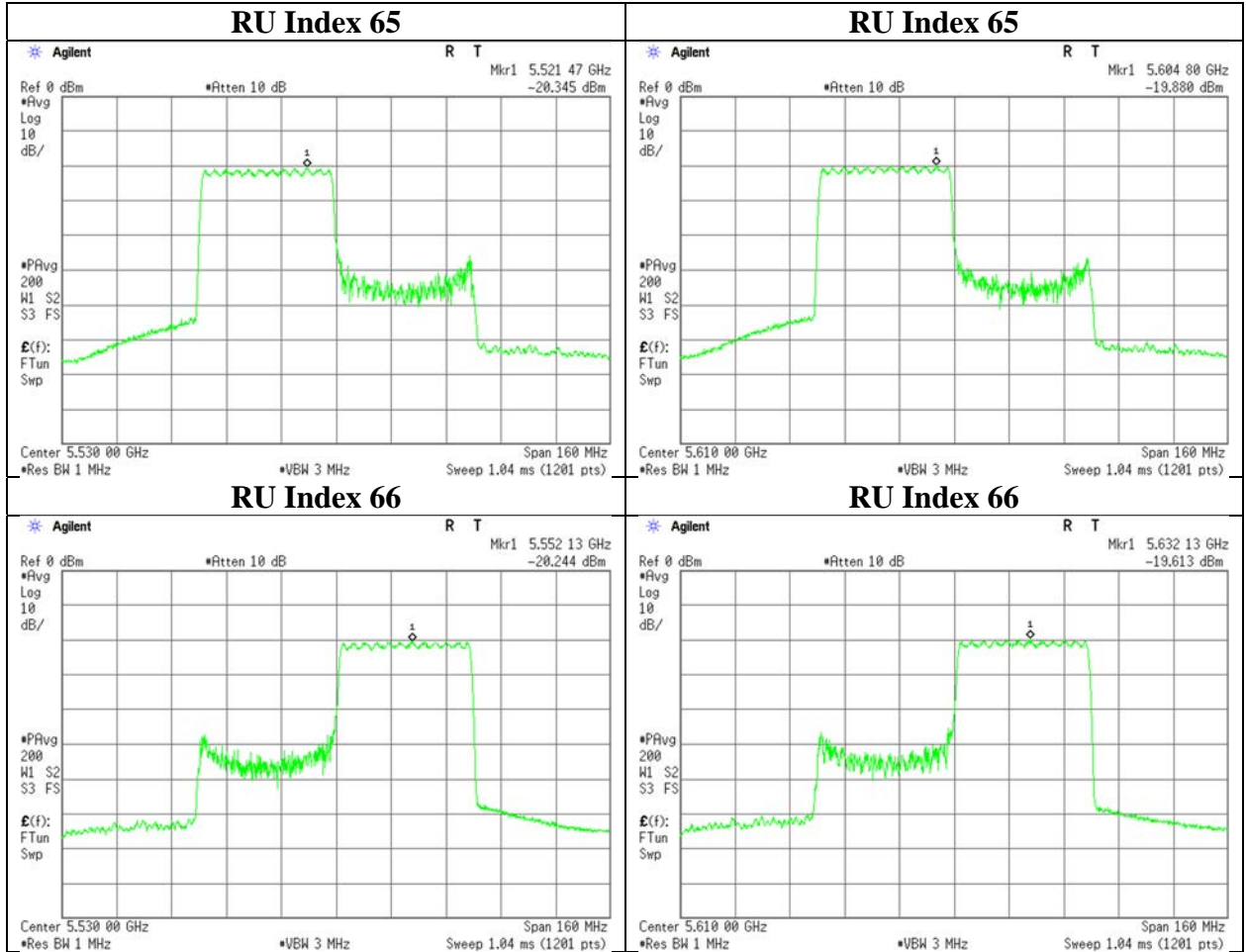


**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 3**

**484-tone RU 5530 MHz**

**484-tone RU 5610 MHz**



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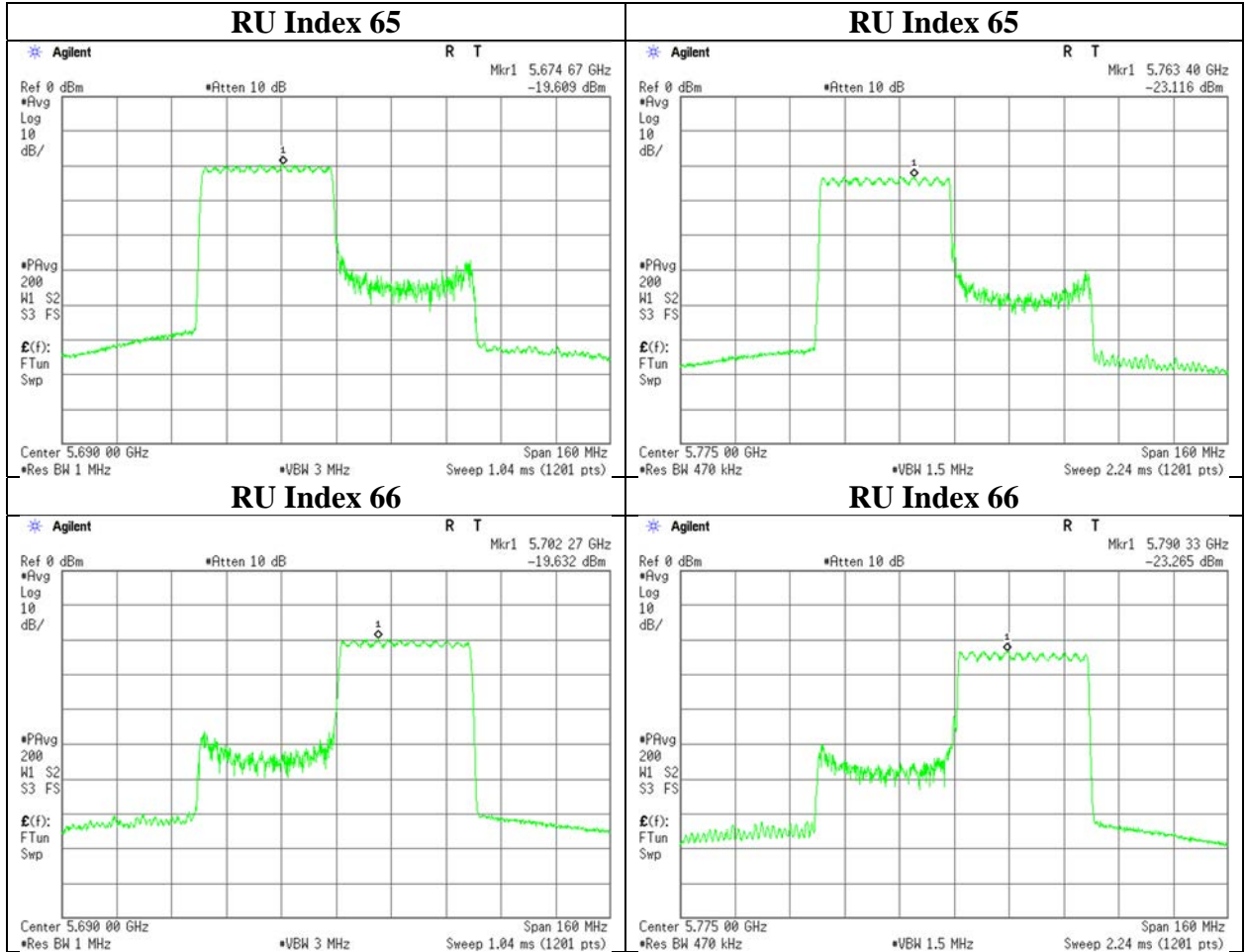
Facsimile : +81 596 24 8124

**Maximum Power Spectral Density**

**11ax-80 (OFDMA)  
Antenna 3**

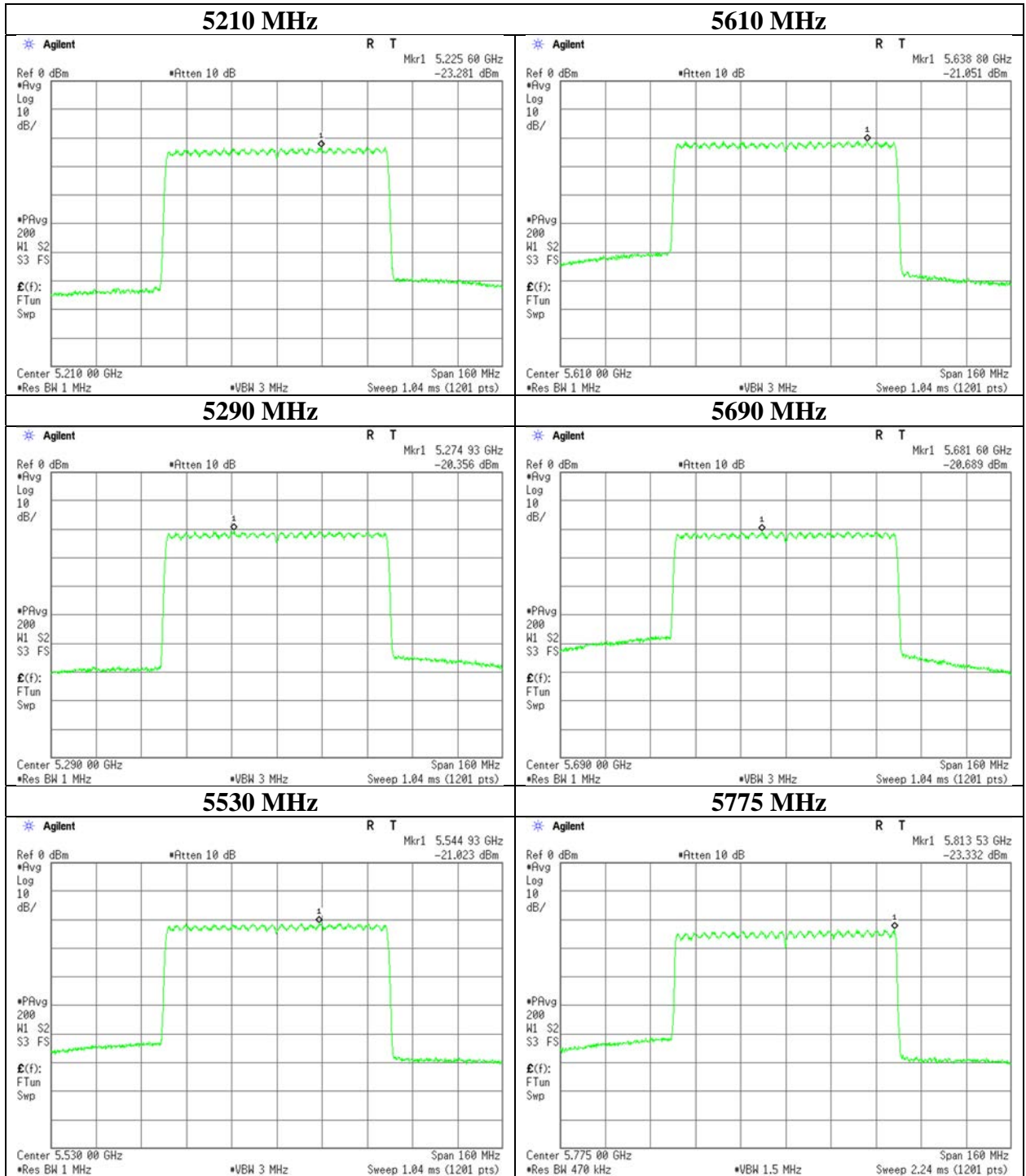
**484-tone RU 5690 MHz**

**484-tone RU 5775 MHz**



**Maximum Power Spectral Density**

**11ax-80 (OFDMA), Antenna 1  
996-tone RU**



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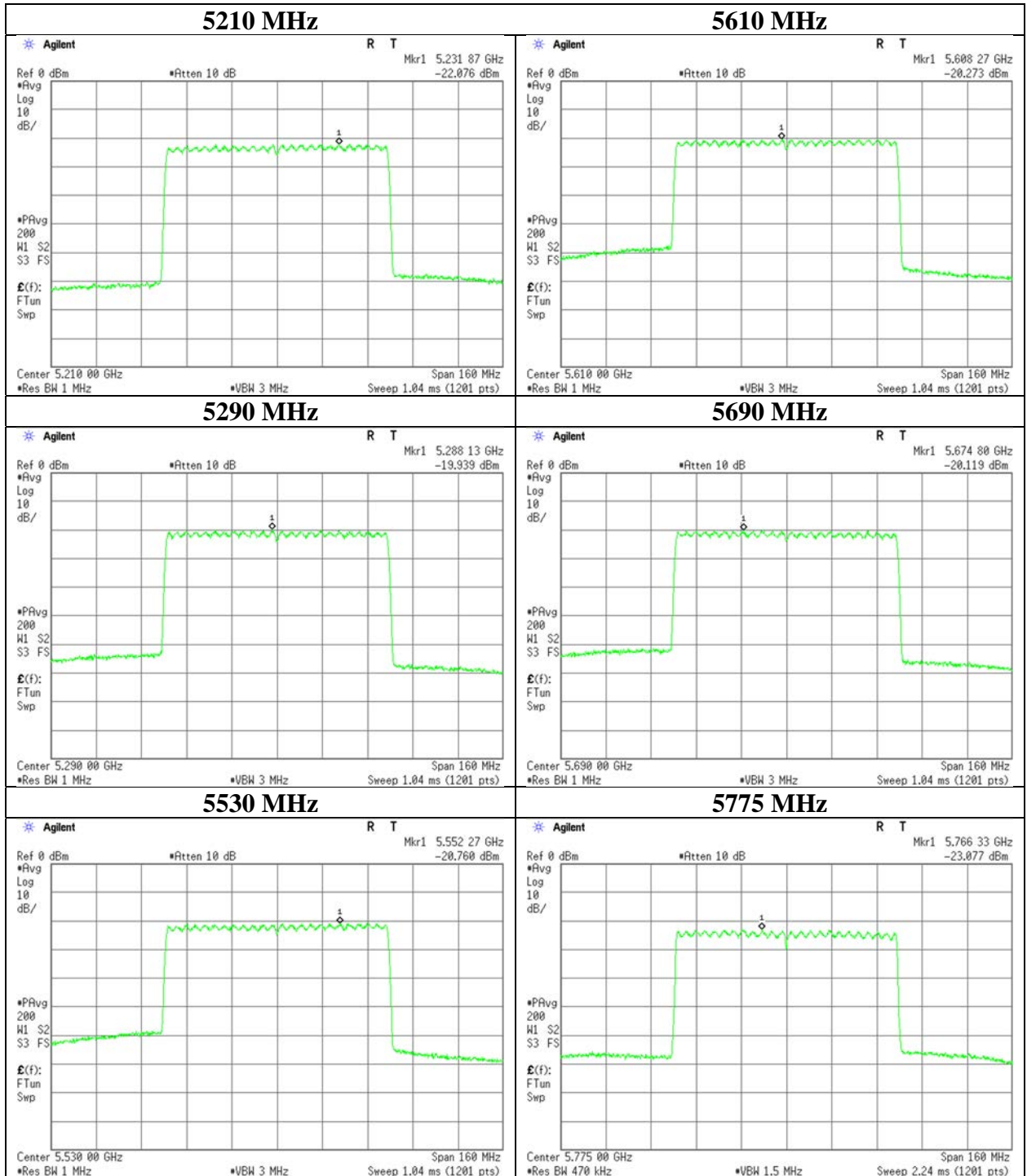
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**Maximum Power Spectral Density**

**11ax-80 (OFDMA), Antenna 3  
996-tone RU**



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## Radiated Spurious Emission

Report No.	13671144H			
Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 23, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	23 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5180 MHz (OFDM)			

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	42.6	32.0	6.1	31.6	-	49.0	73.9	24.9	
Hori.	10369.000	PK	42.2	40.1	-2.6	33.5	-	46.2	68.2	22.0	Floor noise
Hori.	15540.000	PK	44.0	37.4	0.1	32.5	-	49.1	73.9	24.8	Floor noise
Hori.	5150.000	AV	33.0	32.0	6.1	31.6	-	39.4	53.9	14.5	
Hori.	15540.000	AV	35.6	37.4	0.1	32.5	-	40.6	53.9	13.3	Floor noise
Vert.	5150.000	PK	41.7	32.0	6.1	31.6	-	48.1	73.9	25.8	
Vert.	10369.000	PK	42.5	40.1	-2.6	33.5	-	46.5	68.2	21.7	Floor noise
Vert.	15540.000	PK	44.3	37.4	0.1	32.5	-	49.4	73.9	24.5	Floor noise
Vert.	5150.000	AV	35.0	32.0	6.1	31.6	-	41.4	53.9	12.5	
Vert.	15540.000	AV	35.5	37.4	0.1	32.5	-	40.6	53.9	13.3	Floor noise

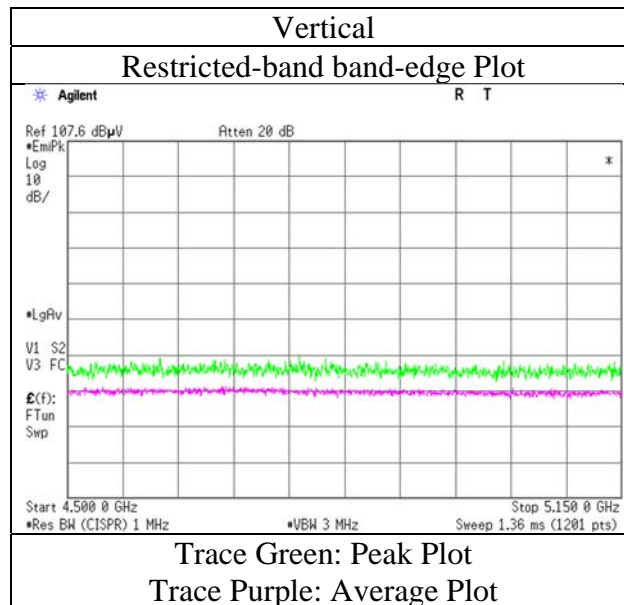
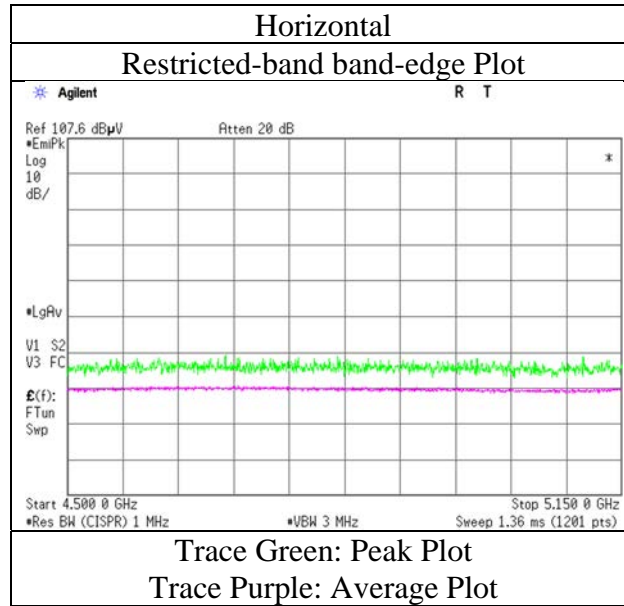
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:    1 GHz - 10 GHz     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                          10 GHz - 40 GHz     $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 23, 2021
Temperature / Humidity	23 deg. C / 50 % RH
Engineer	Tomohisa Nakagawa (1 GHz - 10 GHz)
Mode	Tx 11ax-20 5180 MHz (OFDM)



\* 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	No.3	No.3	No.3
Date	January 23, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	23 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5260 MHz (OFDM)			

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.	10520.000	PK	42.1	39.9	-2.5	33.6	-	46.0	68.2	22.2	Floor noise
Hori.	15780.000	PK	44.0	37.0	0.5	32.6	-	48.8	73.9	25.1	Floor noise
Hori.	15780.000	AV	35.6	37.0	0.5	32.6	-	40.4	53.9	13.5	Floor noise
Vert.	10520.000	PK	42.4	39.9	-2.5	33.6	-	46.3	68.2	21.9	Floor noise
Vert.	15780.000	PK	43.8	37.0	0.5	32.6	-	48.5	73.9	25.4	Floor noise
Vert.	15780.000	AV	35.5	37.0	0.5	32.6	-	40.3	53.9	13.6	Floor noise

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     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                          10 GHz - 40 GHz     $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H			
Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 23, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	23 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5320 MHz (OFDM)			

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	44.5	31.5	6.2	31.7	-	50.5	73.9	23.4	
Hori.	10640.000	PK	42.7	39.9	-2.5	33.6	-	46.6	73.9	27.3	Floor noise
Hori.	15960.000	PK	43.5	37.6	0.7	32.8	-	49.1	73.9	24.8	Floor noise
Hori.	5350.000	AV	36.5	31.5	6.2	31.7	-	42.5	53.9	11.4	
Hori.	10640.000	AV	34.2	39.9	-2.5	33.6	-	38.0	53.9	15.9	Floor noise
Hori.	15960.000	AV	35.4	37.6	0.7	32.8	-	41.0	53.9	12.9	Floor noise
Vert.	5350.000	PK	43.1	31.5	6.2	31.7	-	49.1	73.9	24.8	
Vert.	10640.000	PK	42.7	39.9	-2.5	33.6	-	46.5	73.9	27.4	Floor noise
Vert.	15960.000	PK	43.5	37.6	0.7	32.8	-	49.0	73.9	24.9	Floor noise
Vert.	5350.000	AV	34.8	31.5	6.2	31.7	-	40.8	53.9	13.2	
Vert.	10640.000	AV	34.2	39.9	-2.5	33.6	-	38.0	53.9	15.9	Floor noise
Vert.	15960.000	AV	35.4	37.6	0.7	32.8	-	41.0	53.9	12.9	Floor noise

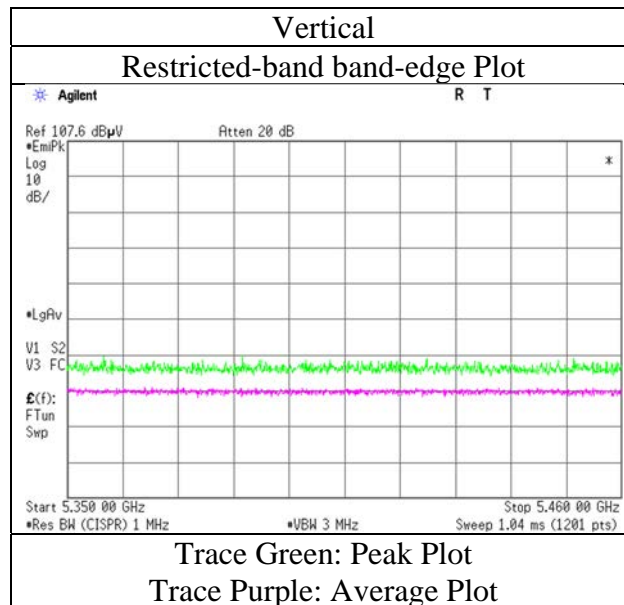
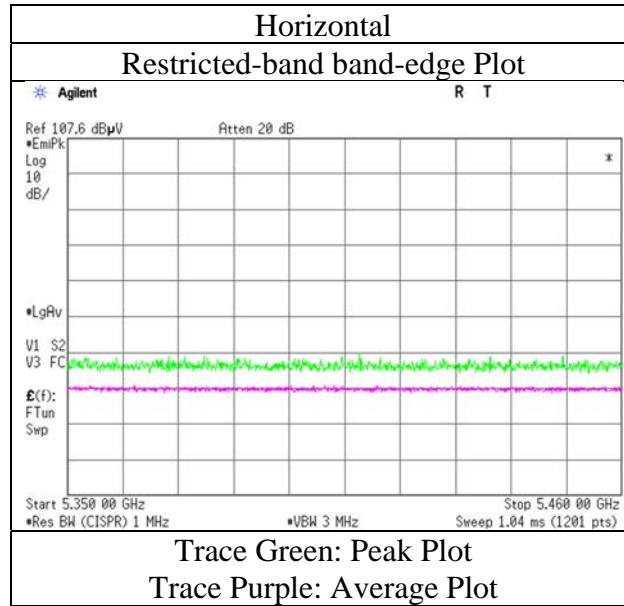
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 23, 2021
Temperature / Humidity	23 deg. C / 50 % RH
Engineer	Tomohisa Nakagawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5320 MHz (OFDM)



\* 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	No.3	No.3	No.3
Date	January 24, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	24 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5500 MHz (OFDM)			

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	6.2	31.7	-	49.2	68.2	19.0	
Hori.	5470.000	PK	43.2	31.7	6.2	31.7	-	49.3	68.2	18.9	
Hori.	11000.000	PK	42.9	40.0	-2.4	33.6	-	46.9	73.9	27.0	Floor noise
Hori.	16500.000	PK	43.8	39.5	0.5	32.7	-	51.2	68.2	17.1	Floor noise
Hori.	5460.000	AV	33.7	31.7	6.2	31.7	-	39.8	53.9	14.1	
Hori.	11000.000	AV	34.1	40.0	-2.4	33.6	-	38.1	53.9	15.8	Floor noise
Vert.	5460.000	PK	41.6	31.7	6.2	31.7	-	47.7	68.2	20.5	
Vert.	5470.000	PK	42.7	31.7	6.2	31.7	-	48.9	68.2	19.3	
Vert.	11000.000	PK	42.7	40.0	-2.4	33.6	-	46.7	73.9	27.2	Floor noise
Vert.	16500.000	PK	43.7	39.5	0.5	32.7	-	51.0	68.2	17.2	Floor noise
Vert.	5460.000	AV	33.3	31.7	6.2	31.7	-	39.4	53.9	14.5	
Vert.	11000.000	AV	34.0	40.0	-2.4	33.6	-	38.1	53.9	15.9	Floor noise

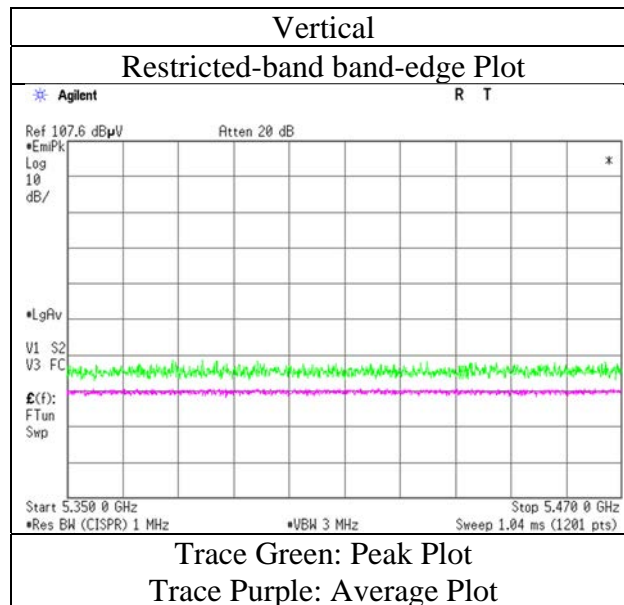
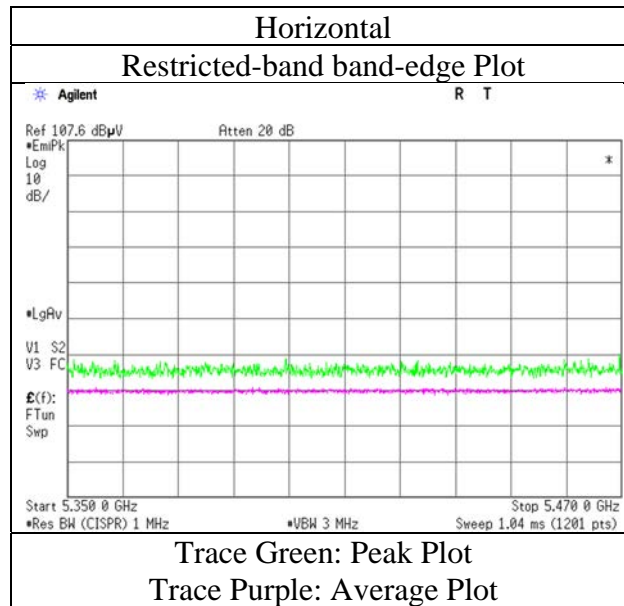
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	24 deg. C / 50 % RH
Engineer	Tomohisa Nakagawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5500 MHz (OFDM)



\* 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	No.3	No.3	No.3
Date	January 24, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	24 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5580 MHz (OFDM)			

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.	11160.000	PK	42.9	39.6	-2.3	33.6	-	46.7	73.9	27.2	Floor noise
Hori.	16740.000	PK	43.9	40.9	0.3	32.7	-	52.4	68.2	15.8	Floor noise
Hori.	11160.000	AV	34.2	39.6	-2.3	33.6	-	38.0	53.9	15.9	Floor noise
Vert.	11160.000	PK	42.7	39.6	-2.3	33.6	-	46.6	73.9	27.4	Floor noise
Vert.	16740.000	PK	43.6	40.9	0.3	32.7	-	52.1	68.2	16.1	Floor noise
Vert.	11160.000	AV	34.2	39.6	-2.3	33.6	-	38.0	53.9	15.9	Floor noise

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     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                          10 GHz - 26.5 GHz    $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H					
Test place	Ise EMC Lab.					
Semi Anechoic Chamber	No.3	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	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	20 deg. C / 31 % RH
Engineer	Tomohisa Nakagawa (1 GHz - 10 GHz)	Takeshi Hiyaji (10 GHz - 18 GHz)	Yuta Moriya (18 GHz - 26.5 GHz)	Yuta Moriya (26.5 GHz - 40 GHz)	Nachi Konegawa (Below 1 GHz)	Nachi Konegawa (Below 1 GHz)
Mode	Tx 11ax-20 5700 MHz (OFDM)					

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.	75.060	QP	43.2	6.5	7.9	32.2	-	25.4	40.0	14.6	
Hori.	81.702	QP	38.4	7.2	8.0	32.2	-	21.4	40.0	18.6	
Hori.	163.381	QP	36.0	15.6	8.9	32.1	-	28.4	43.5	15.1	
Hori.	617.243	QP	40.9	19.5	12.1	32.0	-	40.6	46.0	5.4	
Hori.	622.624	QP	38.9	19.5	12.1	32.0	-	38.6	46.0	7.5	
Hori.	859.160	QP	36.5	21.6	13.4	31.1	-	40.4	46.0	5.7	
Hori.	5725.000	PK	44.7	32.0	6.3	31.8	-	51.1	68.2	17.1	
Hori.	11400.000	PK	43.4	39.9	-2.1	33.5	-	47.7	73.9	26.2	Floor noise
Hori.	17100.000	PK	44.3	42.0	0.2	32.6	-	53.9	68.2	14.4	Floor noise
Hori.	11400.000	AV	34.2	39.9	-2.1	33.5	-	38.4	53.9	15.5	Floor noise
Vert.	75.060	QP	51.8	6.5	7.9	32.2	-	34.0	40.0	6.0	
Vert.	81.702	QP	47.6	7.2	8.0	32.2	-	30.6	40.0	9.4	
Vert.	163.381	QP	38.7	15.6	8.9	32.1	-	31.1	43.5	12.4	
Vert.	617.243	QP	42.4	19.5	12.1	32.0	-	42.1	46.0	3.9	
Vert.	622.624	QP	40.6	19.5	12.1	32.0	-	40.3	46.0	5.7	
Vert.	864.850	QP	33.3	21.7	13.4	31.1	-	37.3	46.0	8.7	
Vert.	5725.000	PK	42.3	32.0	6.3	31.8	-	48.7	68.2	19.5	
Vert.	11400.000	PK	43.2	39.9	-2.1	33.5	-	47.5	73.9	26.4	Floor noise
Vert.	17100.000	PK	44.3	42.0	0.2	32.6	-	53.8	68.2	14.4	Floor noise
Vert.	11400.000	AV	34.1	39.9	-2.1	33.5	-	38.4	53.9	15.5	Floor noise

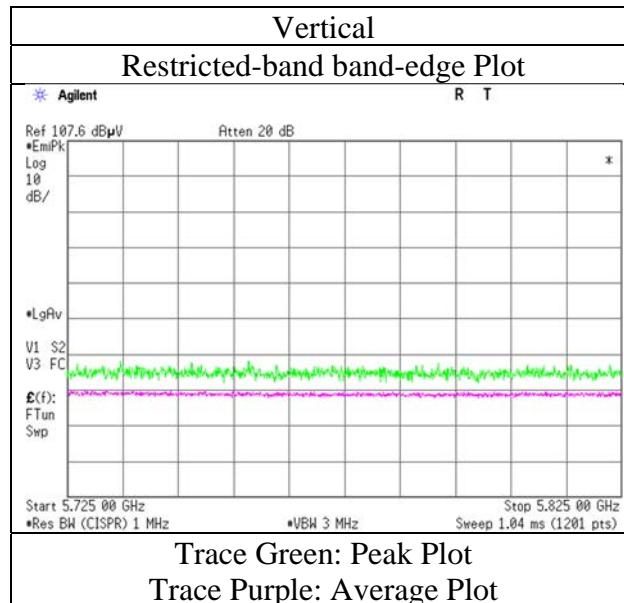
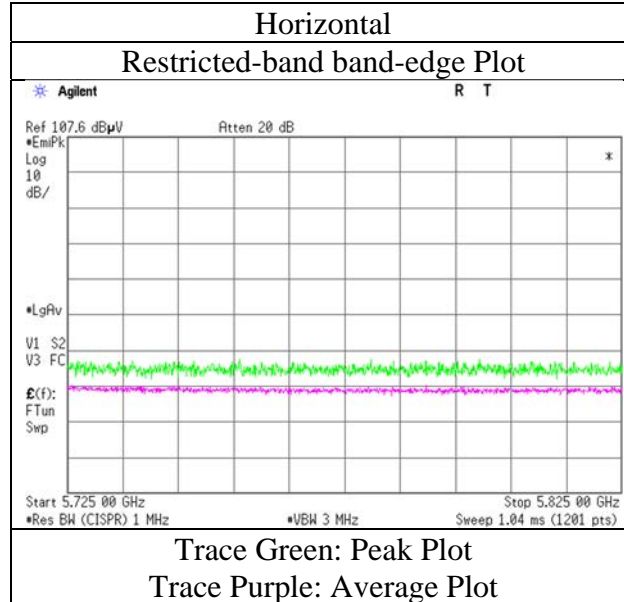
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

\*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(3.95 m / 3.0 m) = 2.39 dB  
                          10 GHz - 40 GHz    20log(1.0 m / 3.0 m) = -9.5 dB

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	24 deg. C / 50 % RH
Engineer	Tomohisa Nakagawa
Mode	Tx 11ax-20 5700 MHz (OFDM)



\* 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	No.3	No.3	No.3
Date	January 24, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	24 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5745 MHz (OFDM)			

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	41.7	31.7	6.3	31.8	-	47.8	68.2	20.4	
Hori.	5700.000	PK	41.5	31.8	6.3	31.8	-	47.8	105.2	57.4	
Hori.	5720.000	PK	50.5	31.9	6.3	31.8	-	56.9	110.8	53.9	
Hori.	5725.000	PK	55.5	32.0	6.3	31.8	-	61.9	122.2	60.3	
Hori.	11490.000	PK	42.4	39.7	-2.0	33.5	-	46.6	73.9	27.3	Floor noise
Hori.	17235.000	PK	43.6	42.6	0.2	32.7	-	53.7	68.2	14.5	Floor noise
Hori.	11490.000	AV	34.1	39.7	-2.0	33.5	-	38.2	53.9	15.7	Floor noise
Vert.	5650.000	PK	40.3	31.7	6.3	31.8	-	46.4	68.2	21.8	
Vert.	5700.000	PK	41.2	31.8	6.3	31.8	-	47.5	105.2	57.7	
Vert.	5720.000	PK	48.6	31.9	6.3	31.8	-	55.1	110.8	55.7	
Vert.	5725.000	PK	67.4	32.0	6.3	31.8	-	73.8	122.2	48.4	
Vert.	11490.000	PK	42.5	39.7	-2.0	33.5	-	46.7	73.9	27.2	Floor noise
Vert.	17235.000	PK	43.3	42.6	0.2	32.7	-	53.4	68.2	14.8	Floor noise
Vert.	11490.000	AV	34.0	39.7	-2.0	33.5	-	38.2	53.9	15.7	Floor noise

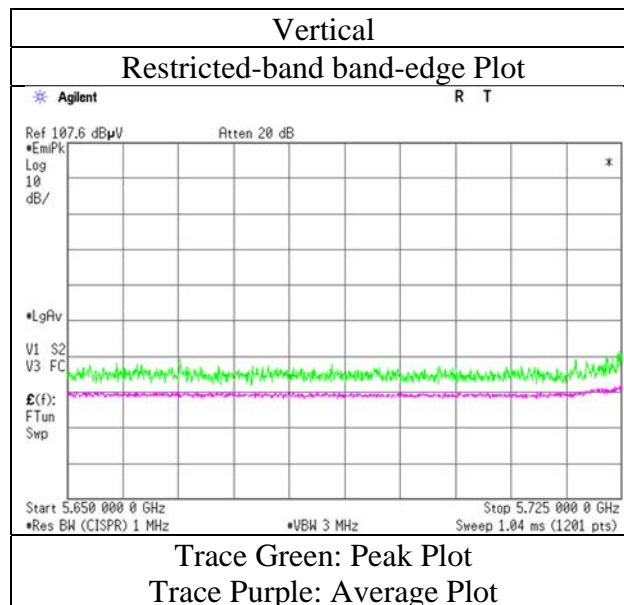
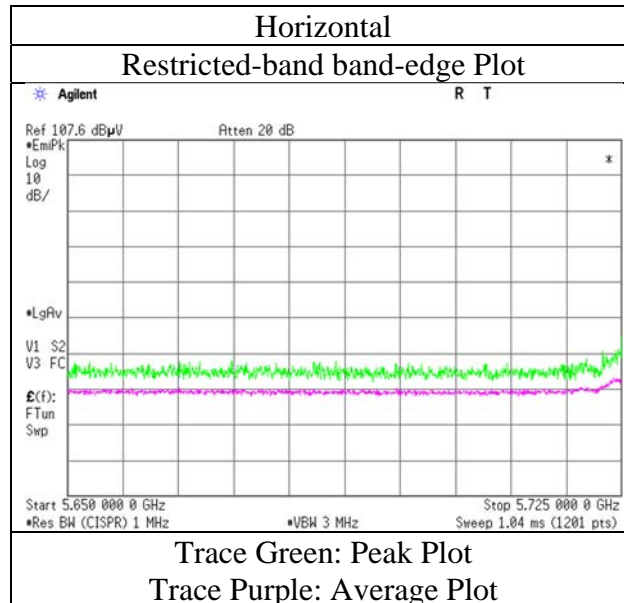
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	24 deg. C / 50 % RH
Engineer	Tomohisa Nakagawa
Mode	Tx 11ax-20 5745 MHz (OFDM)



\* 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	No.3	No.3	No.3
Date	January 24, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	24 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5785 MHz (OFDM)			

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.	11570.000	PK	41.9	39.5	-2.0	33.4	-	46.0	73.9	27.9	Floor noise
Hori.	17355.000	PK	43.5	43.7	0.2	32.7	-	54.7	68.2	13.5	Floor noise
Hori.	11570.000	AV	33.9	39.5	-2.0	33.4	-	38.0	53.9	16.0	Floor noise
Vert.	11570.000	PK	42.1	39.5	-2.0	33.4	-	46.2	73.9	27.7	Floor noise
Vert.	17355.000	PK	43.2	43.7	0.2	32.7	-	54.4	68.2	13.8	Floor noise
Vert.	11570.000	AV	33.9	39.5	-2.0	33.4	-	37.9	53.9	16.0	Floor noise

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     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                          10 GHz - 26.5 GHz     $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H			
Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 24, 2021	January 29, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	24 deg. C / 50 % RH	20 deg. C / 32 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Takeshi Hiyaji	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5825 MHz (OFDM)			

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	51.0	32.3	6.4	31.8	-	57.8	122.2	64.4	
Hori.	5855.000	PK	42.4	32.3	6.4	31.8	-	49.3	110.8	61.5	
Hori.	5875.000	PK	41.4	32.3	6.4	31.8	-	48.2	105.2	57.0	
Hori.	5925.000	PK	41.2	32.4	6.4	31.9	-	48.1	68.2	20.1	
Hori.	11650.000	PK	42.5	39.2	-1.9	33.4	-	46.4	73.9	27.5	Floor noise
Hori.	17475.000	PK	43.5	44.6	0.2	32.7	-	55.6	68.2	12.6	Floor noise
Hori.	11650.000	AV	34.5	39.2	-1.9	33.4	-	38.4	53.9	15.6	Floor noise
Vert.	5850.000	PK	46.0	32.3	6.4	31.8	-	52.9	122.2	69.4	
Vert.	5855.000	PK	41.5	32.3	6.4	31.8	-	48.3	110.8	62.5	
Vert.	5875.000	PK	41.2	32.3	6.4	31.8	-	48.0	105.2	57.2	
Vert.	5925.000	PK	41.3	32.4	6.4	31.9	-	48.2	68.2	20.0	
Vert.	11650.000	PK	42.7	39.2	-1.9	33.4	-	46.6	73.9	27.3	Floor noise
Vert.	17475.000	PK	43.2	44.6	0.2	32.7	-	55.3	68.2	12.9	Floor noise
Vert.	11650.000	AV	34.5	39.2	-1.9	33.4	-	38.4	53.9	15.6	Floor noise

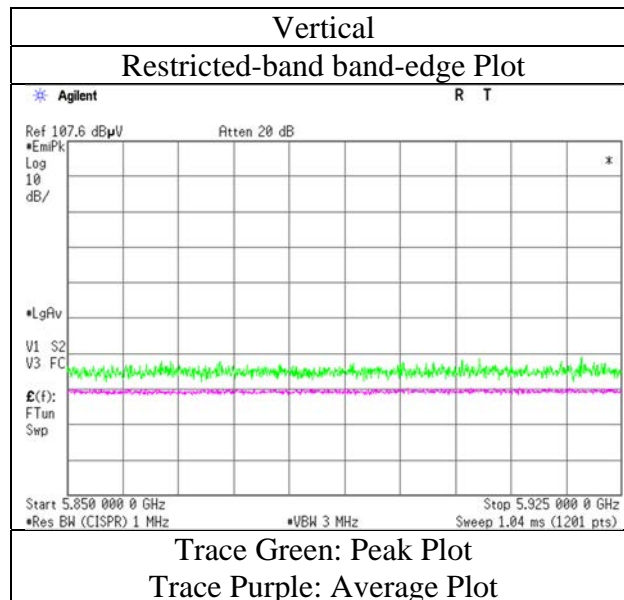
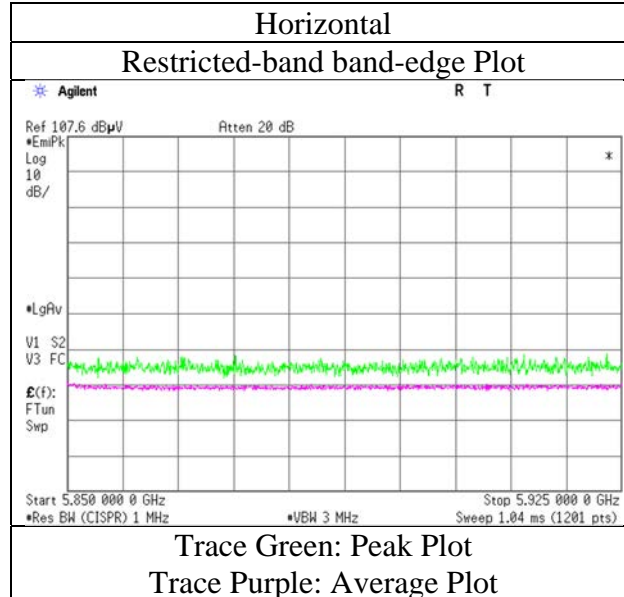
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:    1 GHz - 10 GHz     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                          10 GHz - 40 GHz     $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	24 deg. C / 50 % RH
Engineer	Tomohisa Nakagawa
Mode	Tx 11ax-20 5825 MHz (OFDM)



\* 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.	13671144H		
Test place	Ise EMC Lab.		
Semi Anechoic Chamber	No.3	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	24 deg. C / 50 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Tomohisa Nakagawa	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5190 MHz (OFDM)		

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	49.9	32.0	6.1	31.6	-	56.3	73.9	17.6	
Hori.	10380.000	PK	41.0	40.0	-2.6	33.5	-	44.9	68.2	23.3	Floor noise
Hori.	15570.000	PK	43.2	37.2	0.2	32.5	-	48.1	73.9	25.8	Floor noise
Hori.	5150.000	AV	35.4	32.0	6.1	31.6	-	41.8	53.9	12.1	
Hori.	15570.000	AV	36.1	37.2	0.2	32.5	-	41.0	53.9	13.0	Floor noise
Vert.	5150.000	PK	47.0	32.0	6.1	31.6	-	53.4	73.9	20.5	
Vert.	10380.000	PK	41.0	40.0	-2.6	33.5	-	44.9	68.2	23.3	Floor noise
Vert.	15570.000	PK	43.2	37.2	0.2	32.5	-	48.1	73.9	25.8	Floor noise
Vert.	5150.000	AV	34.3	32.0	6.1	31.6	-	40.7	53.9	13.2	
Vert.	15570.000	AV	35.8	37.2	0.2	32.5	-	40.7	53.9	13.2	Floor noise

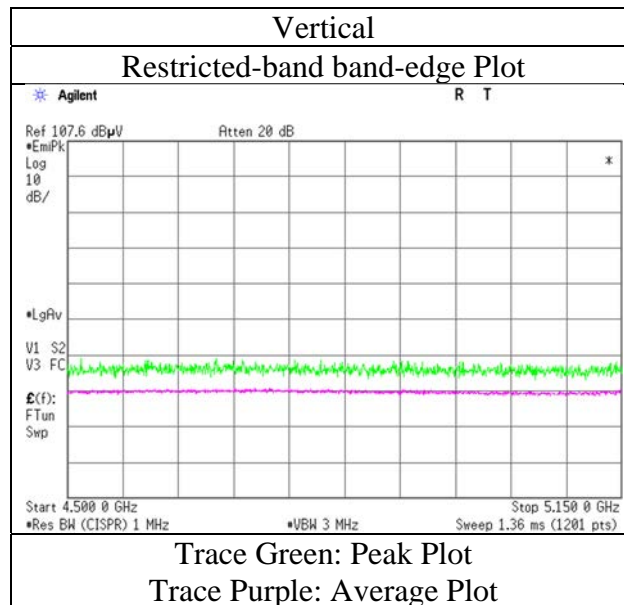
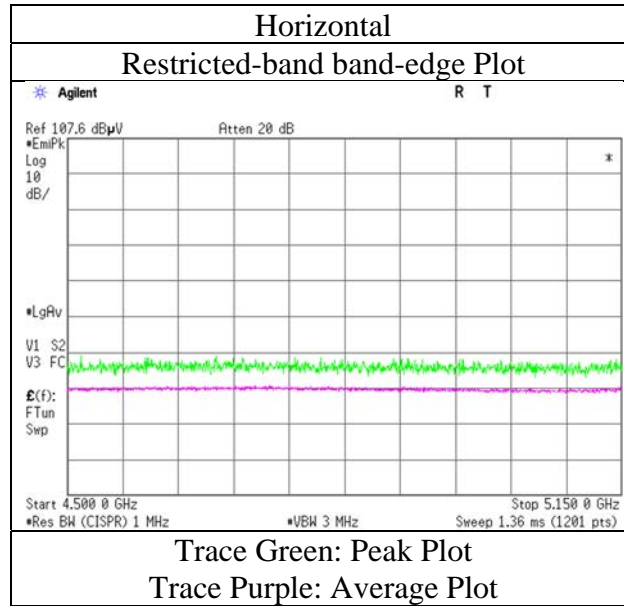
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:    1 GHz - 10 GHz     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                          10 GHz - 26.5 GHz     $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	24 deg. C / 50 % RH
Engineer	Tomohisa Nakagawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5190 MHz (OFDM)



\* 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	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	21 deg. C / 41 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Nachi Konegawa	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5270 MHz (OFDM)		

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.	10540.000	PK	40.3	39.9	-2.5	33.6	-	44.1	68.2	24.1	Floor noise
Hori.	15810.000	PK	42.8	36.8	0.5	32.7	-	47.4	73.9	26.5	Floor noise
Hori.	15810.000	AV	35.3	36.8	0.5	32.7	-	39.9	53.9	14.0	Floor noise
Vert.	10540.000	PK	40.3	39.9	-2.5	33.6	-	44.1	68.2	24.1	Floor noise
Vert.	15810.000	PK	42.8	36.8	0.5	32.7	-	47.4	73.9	26.5	Floor noise
Vert.	15810.000	AV	35.3	36.8	0.5	32.7	-	39.9	53.9	14.0	Floor noise

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     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                           10 GHz - 26.5 GHz     $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$



## Radiated Spurious Emission

Report No.	13671144H		
Test place	Ise EMC Lab.		
Semi Anechoic Chamber	No.3	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	21 deg. C / 41 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Yuta Moriya (10 GHz - 26.5 GHz)	Yuta Moriya (26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5310 MHz (OFDM)		

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	43.3	31.5	6.2	31.7	-	49.3	73.9	24.6	
Hori.	10620.000	PK	41.9	39.9	-2.5	33.6	-	45.8	73.9	28.2	Floor noise
Hori.	15930.000	PK	44.5	37.3	0.7	32.7	-	49.8	73.9	24.1	Floor noise
Hori.	5350.000	AV	33.9	31.5	6.2	31.7	-	39.9	53.9	14.0	
Hori.	10620.000	AV	34.3	39.9	-2.5	33.6	-	38.2	53.9	15.7	Floor noise
Hori.	15930.000	AV	35.4	37.3	0.7	32.7	-	40.7	53.9	13.2	Floor noise
Vert.	5350.000	PK	43.1	31.5	6.2	31.7	-	49.1	73.9	24.8	
Vert.	10620.000	PK	41.9	39.9	-2.5	33.6	-	45.8	73.9	28.2	Floor noise
Vert.	15930.000	PK	44.5	37.3	0.7	32.7	-	49.8	73.9	24.1	Floor noise
Vert.	5350.000	AV	33.7	31.5	6.2	31.7	-	39.7	53.9	14.2	
Vert.	10620.000	AV	34.3	39.9	-2.5	33.6	-	38.2	53.9	15.7	Floor noise
Vert.	15930.000	AV	35.4	37.3	0.7	32.7	-	40.7	53.9	13.2	Floor noise

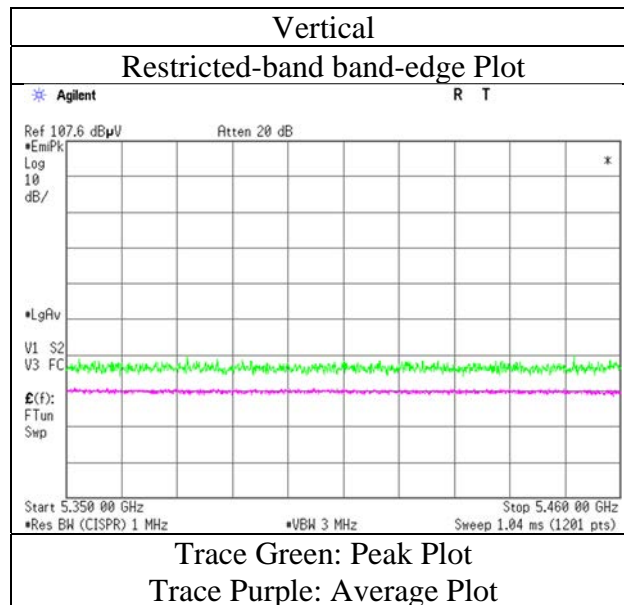
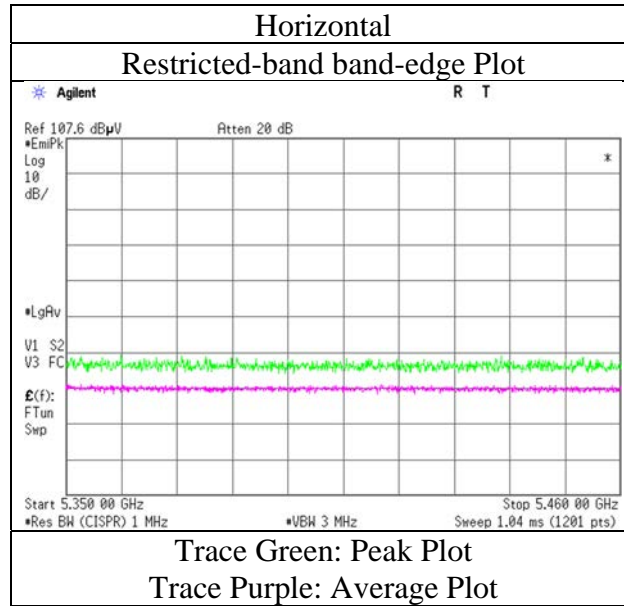
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5310 MHz (OFDM)



\* 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	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	21 deg. C / 41 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Yuta Moriya (10 GHz - 26.5 GHz)	Yuta Moriya (26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5510 MHz (OFDM)		

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	43.2	31.7	6.2	31.7	-	49.4	68.2	18.8	
Hori.	5470.000	PK	45.7	31.7	6.2	31.7	-	51.9	68.2	16.3	
Hori.	11020.000	PK	41.4	40.0	-2.4	33.6	-	45.4	73.9	28.5	Floor noise
Hori.	16530.000	PK	43.3	39.6	0.4	32.7	-	50.6	68.2	17.6	Floor noise
Hori.	5460.000	AV	32.0	31.7	6.2	31.7	-	38.2	53.9	15.7	
Hori.	11020.000	AV	34.3	40.0	-2.4	33.6	-	38.3	53.9	15.6	Floor noise
Vert.	5460.000	PK	42.9	31.7	6.2	31.7	-	49.1	68.2	19.1	
Vert.	5470.000	PK	45.5	31.7	6.2	31.7	-	51.7	68.2	16.5	
Vert.	11020.000	PK	41.4	40.0	-2.4	33.6	-	45.4	73.9	28.5	Floor noise
Vert.	16530.000	PK	43.3	39.6	0.4	32.7	-	50.6	68.2	17.6	Floor noise
Vert.	5460.000	AV	31.9	31.7	6.2	31.7	-	38.1	53.9	15.8	
Vert.	11020.000	AV	34.3	40.0	-2.4	33.6	-	38.3	53.9	15.6	Floor noise

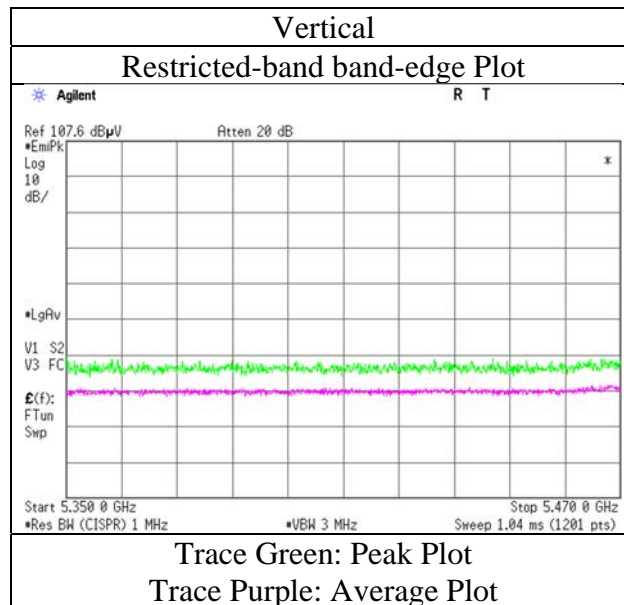
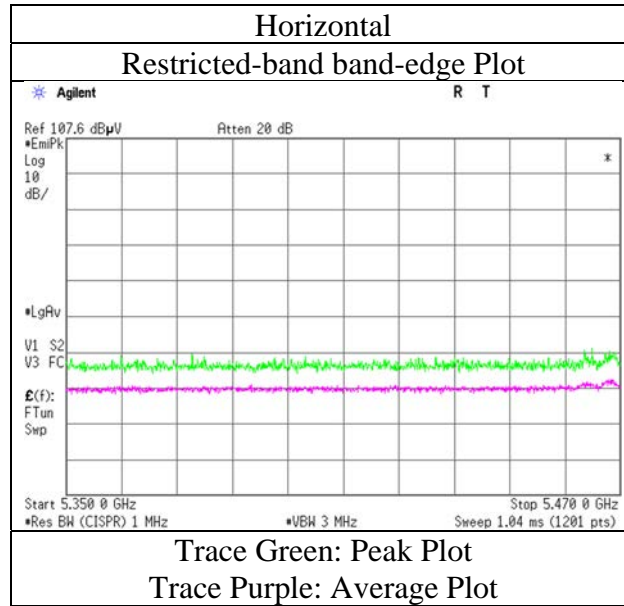
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5510 MHz (OFDM)



\* 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	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	21 deg. C / 41 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Yuta Moriya (10 GHz - 26.5 GHz)	Yuta Moriya (26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5550 MHz (OFDM)		

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.	11100.000	PK	42.3	39.6	-2.3	33.6	-	46.0	73.9	27.9	Floor noise
Hori.	16650.000	PK	43.0	40.2	0.4	32.7	-	50.8	68.2	17.4	Floor noise
Hori.	11100.000	AV	34.5	39.6	-2.3	33.6	-	38.3	53.9	15.6	Floor noise
Vert.	11100.000	PK	42.2	39.6	-2.3	33.6	-	45.9	73.9	28.0	Floor noise
Vert.	16650.000	PK	42.5	40.2	0.4	32.7	-	50.4	68.2	17.8	Floor noise
Vert.	11100.000	AV	34.5	39.6	-2.3	33.6	-	38.2	53.9	15.7	Floor noise

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       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H		
Test place	Ise EMC Lab.		
Semi Anechoic Chamber	No.3	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	21 deg. C / 41 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Yuta Moriya (10 GHz - 26.5 GHz)	Yuta Moriya (26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5670 MHz (OFDM)		

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	41.4	32.0	6.3	31.8	-	47.8	68.2	20.4	
Hori.	11340.000	PK	42.5	39.8	-2.1	33.5	-	46.6	73.9	27.3	Floor noise
Hori.	17010.000	PK	42.5	41.7	0.1	32.6	-	51.7	68.2	16.5	Floor noise
Hori.	11340.000	AV	34.0	39.8	-2.1	33.5	-	38.2	53.9	15.7	Floor noise
Vert.	5725.000	PK	41.2	32.0	6.3	31.8	-	47.6	68.2	20.6	
Vert.	11340.000	PK	41.5	39.8	-2.1	33.5	-	45.7	73.9	28.2	Floor noise
Vert.	17010.000	PK	42.2	41.7	0.1	32.6	-	51.4	68.2	16.8	Floor noise
Vert.	11340.000	AV	33.7	39.8	-2.1	33.5	-	37.9	53.9	16.0	Floor noise

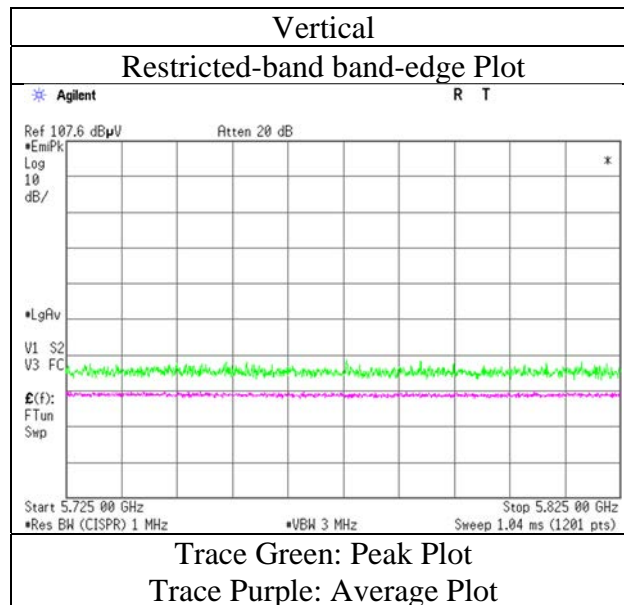
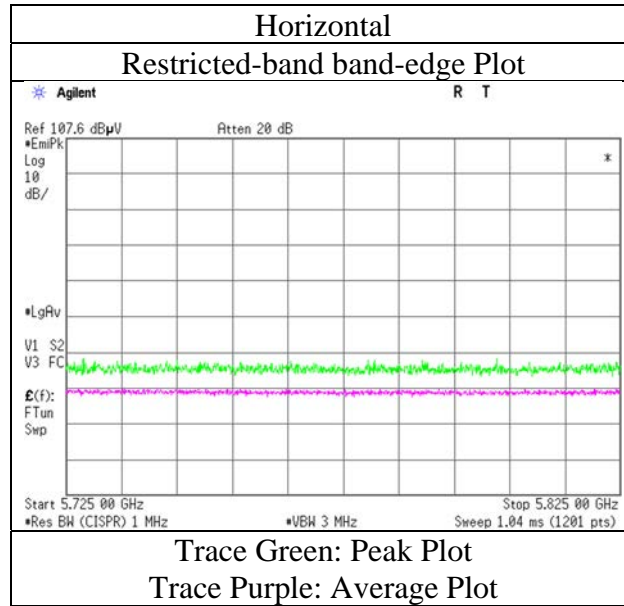
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 MHz (OFDM)



\* 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	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	21 deg. C / 41 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Yuta Moriya (10 GHz - 26.5 GHz)	Yuta Moriya (26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5755 MHz (OFDM)		

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	31.7	6.3	31.8	-	48.0	68.2	20.2	
Hori.	5700.000	PK	42.1	31.8	6.3	31.8	-	48.4	105.2	56.8	
Hori.	5720.000	PK	52.0	31.9	6.3	31.8	-	58.4	110.8	52.4	
Hori.	5725.000	PK	53.1	32.0	6.3	31.8	-	59.5	122.2	62.7	
Hori.	11510.000	PK	41.5	39.6	-2.0	33.5	-	45.7	73.9	28.2	Floor noise
Hori.	17265.000	PK	43.1	42.8	0.2	32.7	-	53.4	68.2	14.8	Floor noise
Hori.	11510.000	AV	33.7	39.6	-2.0	33.5	-	37.9	53.9	16.1	Floor noise
Vert.	5650.000	PK	41.0	31.7	6.3	31.8	-	47.1	68.2	21.1	
Vert.	5700.000	PK	41.1	31.8	6.3	31.8	-	47.4	105.2	57.9	
Vert.	5720.000	PK	49.8	31.9	6.3	31.8	-	56.2	110.8	54.6	
Vert.	5725.000	PK	50.5	32.0	6.3	31.8	-	56.9	122.2	65.3	
Vert.	11510.000	PK	41.9	39.6	-2.0	33.5	-	46.1	73.9	27.9	Floor noise
Vert.	17265.000	PK	43.4	42.8	0.2	32.7	-	53.8	68.2	14.5	Floor noise
Vert.	11510.000	AV	33.6	39.6	-2.0	33.5	-	37.7	53.9	16.2	Floor noise

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

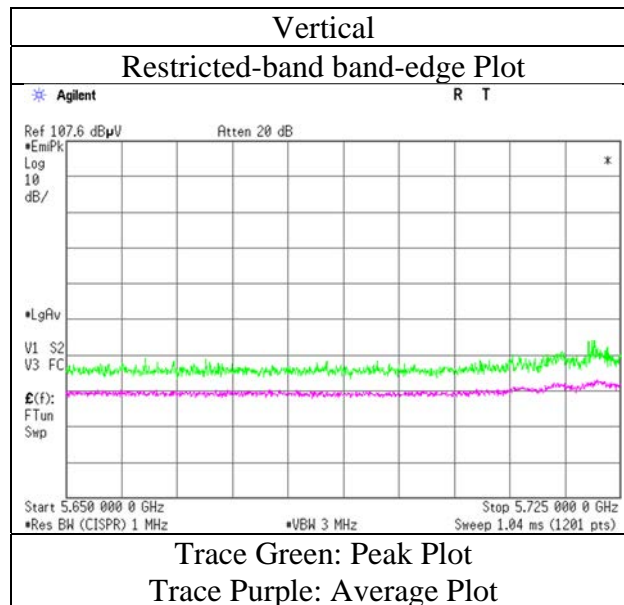
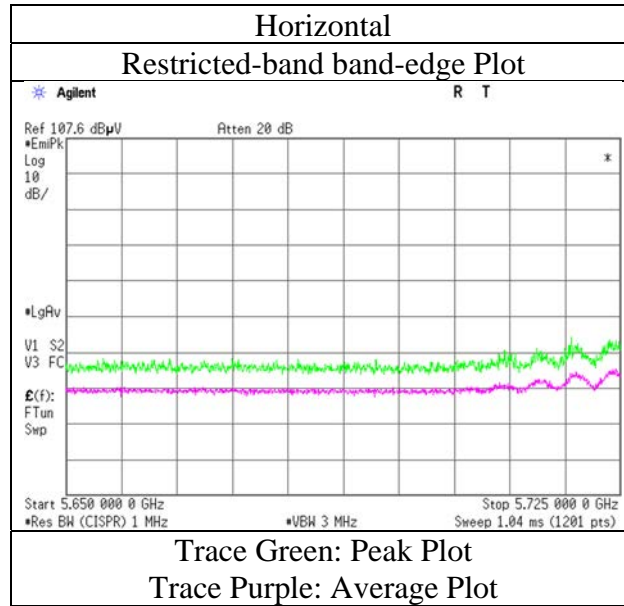
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

Distance factor:    1 GHz - 10 GHz     $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                          10 GHz - 40 GHz     $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (OFDM)



\* 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	No.3	No.3
Date	January 24, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	21 deg. C / 41 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Nachi Konegawa	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5795 MHz (OFDM)		

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	43.6	32.3	6.4	31.8	-	50.4	122.2	71.8	
Hori.	5855.000	PK	42.0	32.3	6.4	31.8	-	48.8	110.8	62.0	
Hori.	5875.000	PK	41.6	32.3	6.4	31.8	-	48.4	105.2	56.8	
Hori.	5925.000	PK	41.0	32.4	6.4	31.9	-	47.8	68.2	20.4	
Hori.	11590.000	PK	42.4	39.2	-1.9	33.4	-	46.3	73.9	27.6	Floor noise
Hori.	17385.000	PK	43.4	44.2	0.2	32.7	-	55.1	68.2	13.1	Floor noise
Hori.	11590.000	AV	34.1	39.2	-1.9	33.4	-	38.0	53.9	16.0	Floor noise
Vert.	5850.000	PK	42.6	32.3	6.4	31.8	-	49.4	122.2	72.8	
Vert.	5855.000	PK	41.8	32.3	6.4	31.8	-	48.6	110.8	62.2	
Vert.	5875.000	PK	41.2	32.3	6.4	31.8	-	48.1	105.2	57.1	
Vert.	5925.000	PK	40.9	32.4	6.4	31.9	-	47.8	68.2	20.4	
Vert.	11590.000	PK	42.8	39.2	-1.9	33.4	-	46.6	73.9	27.3	Floor noise
Vert.	17385.000	PK	43.6	44.2	0.2	32.7	-	55.3	68.2	12.9	Floor noise
Vert.	11590.000	AV	34.4	39.2	-1.9	33.4	-	38.2	53.9	15.7	Floor noise

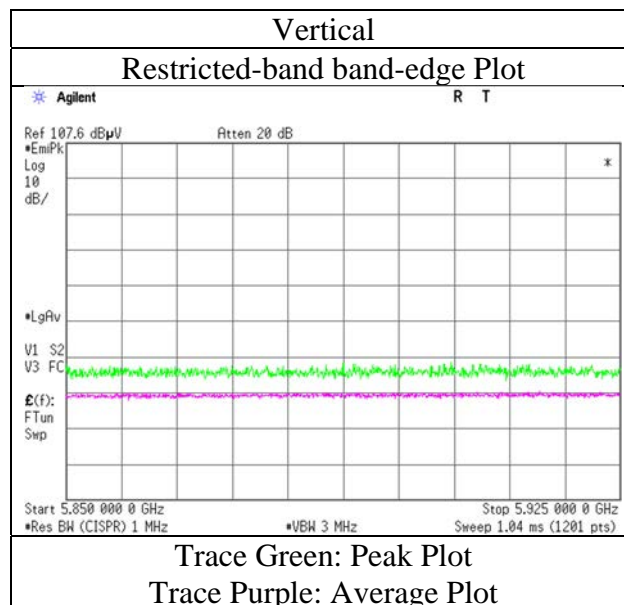
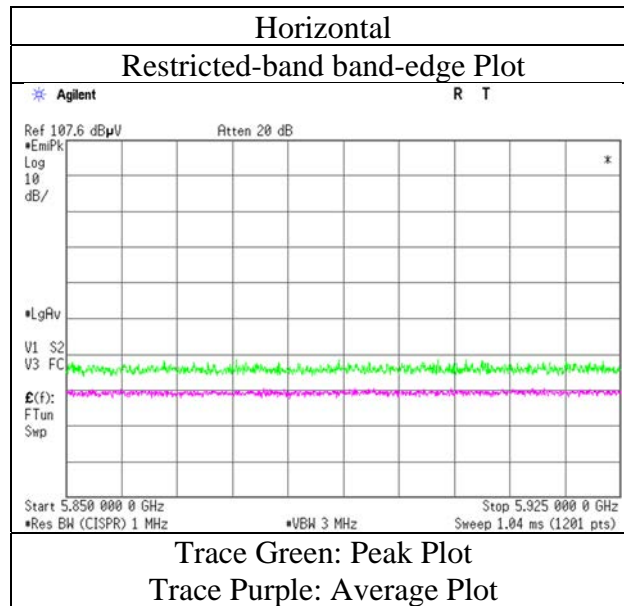
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 24, 2021
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (OFDM)



\* 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	No.3	No.3
Date	January 25, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	22 deg. C / 35 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Junya Okuno	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5210 MHz (OFDM)		

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	48.8	32.0	6.1	31.6	-	55.2	73.9	18.7	
Hori.	10420.000	PK	40.8	40.1	-2.5	33.5	-	44.8	68.2	23.4	Floor noise
Hori.	15630.000	PK	43.6	37.2	0.3	32.5	-	48.6	73.9	25.4	Floor noise
Hori.	5150.000	AV	38.0	32.0	6.1	31.6	0.1	44.6	53.9	9.4	*1)
Hori.	15630.000	AV	36.1	37.2	0.3	32.5	-	41.0	53.9	12.9	Floor noise
Vert.	5150.000	PK	44.6	32.0	6.1	31.6	-	51.0	73.9	22.9	
Vert.	10420.000	PK	40.8	40.1	-2.5	33.5	-	44.8	68.2	23.4	Floor noise
Vert.	15630.000	PK	43.5	37.2	0.3	32.5	-	48.4	73.9	25.5	Floor noise
Vert.	5150.000	AV	35.5	32.0	6.1	31.6	0.1	42.1	53.9	11.8	*1)
Vert.	15630.000	AV	35.8	37.2	0.3	32.5	-	40.7	53.9	13.2	Floor noise

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

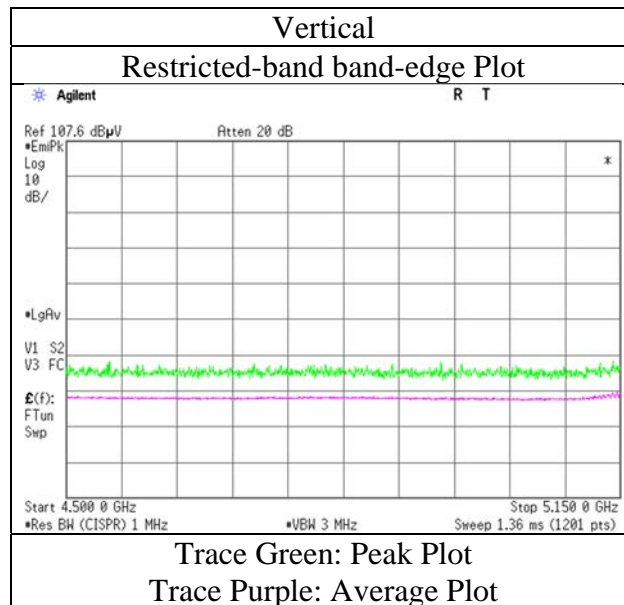
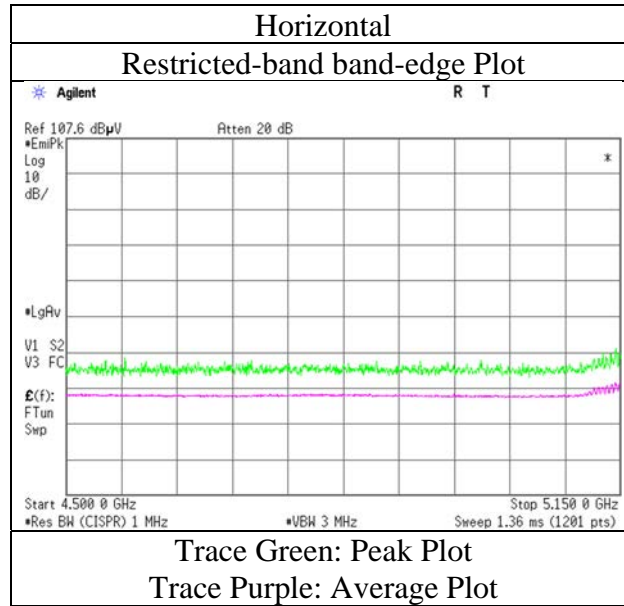
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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)

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 35 % RH
Engineer	Junya Okuno
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (OFDM)



\* 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	No.3	No.3
Date	January 25, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	22 deg. C / 35 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Junya Okuno	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5290 MHz (OFDM)		

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	45.5	31.5	6.2	31.7	-	51.5	73.9	22.4	
Hori.	10580.000	PK	41.2	39.9	-2.5	33.6	-	45.0	68.2	23.2	Floor noise
Hori.	15870.000	PK	43.7	37.2	0.6	32.7	-	48.8	73.9	25.1	Floor noise
Hori.	5350.000	AV	36.6	31.5	6.2	31.7	0.1	42.7	53.9	11.2	*1)
Hori.	15870.000	AV	35.4	37.2	0.6	32.7	-	40.5	53.9	13.4	Floor noise
Vert.	5350.000	PK	42.9	31.5	6.2	31.7	-	48.9	73.9	25.1	
Vert.	10580.000	PK	41.2	39.9	-2.5	33.6	-	45.1	68.2	23.1	Floor noise
Vert.	15870.000	PK	43.6	37.2	0.6	32.7	-	48.7	73.9	25.2	Floor noise
Vert.	5350.000	AV	34.5	31.5	6.2	31.7	0.1	40.6	53.9	13.3	*1)
Vert.	15870.000	AV	35.0	37.2	0.6	32.7	-	40.1	53.9	13.8	Floor noise

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

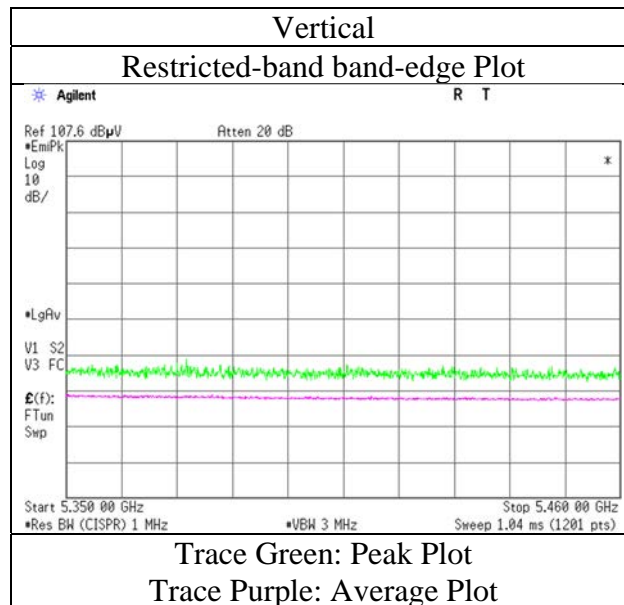
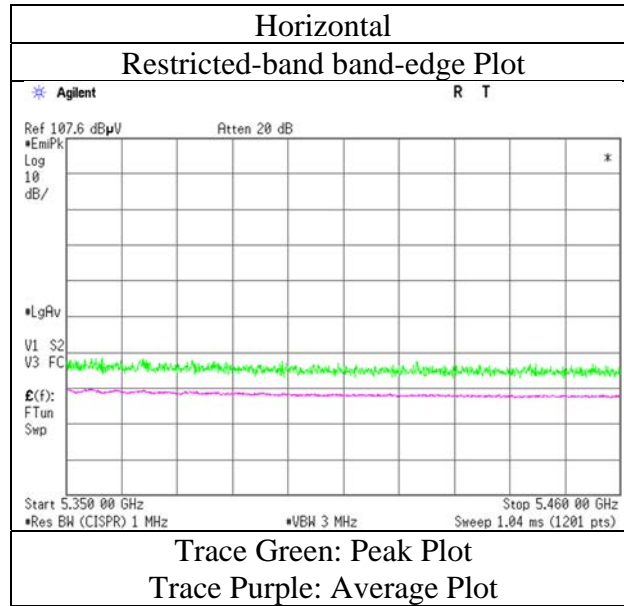
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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)

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 35 % RH
Engineer	Junya Okuno
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (OFDM)



\* 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	No.3	No.3
Date	January 25, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	22 deg. C / 35 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Junya Okuno	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5530 MHz (OFDM)		

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	54.3	31.7	6.2	31.7	-	60.5	68.2	7.7	
Hori.	5470.000	PK	57.0	31.7	6.2	31.7	-	63.2	68.2	5.0	
Hori.	11060.000	PK	42.5	39.8	-2.3	33.6	-	46.4	73.9	27.5	Floor noise
Hori.	16590.000	PK	43.5	40.2	0.4	32.7	-	51.4	68.2	16.8	Floor noise
Hori.	5460.000	AV	43.0	31.7	6.2	31.7	0.1	49.3	53.9	4.6	*1)
Hori.	11060.000	AV	34.5	39.8	-2.3	33.6	-	38.4	53.9	15.5	Floor noise
Vert.	5460.000	PK	48.7	31.7	6.2	31.7	-	54.8	68.2	13.4	
Vert.	5470.000	PK	51.3	31.7	6.2	31.7	-	57.5	68.2	10.7	
Vert.	11060.000	PK	42.2	39.8	-2.3	33.6	-	46.1	73.9	27.8	Floor noise
Vert.	16590.000	PK	43.3	40.2	0.4	32.7	-	51.2	68.2	17.0	Floor noise
Vert.	5460.000	AV	38.1	31.7	6.2	31.7	0.1	44.4	53.9	9.5	*1)
Vert.	11060.000	AV	35.0	39.8	-2.3	33.6	-	38.9	53.9	15.0	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).

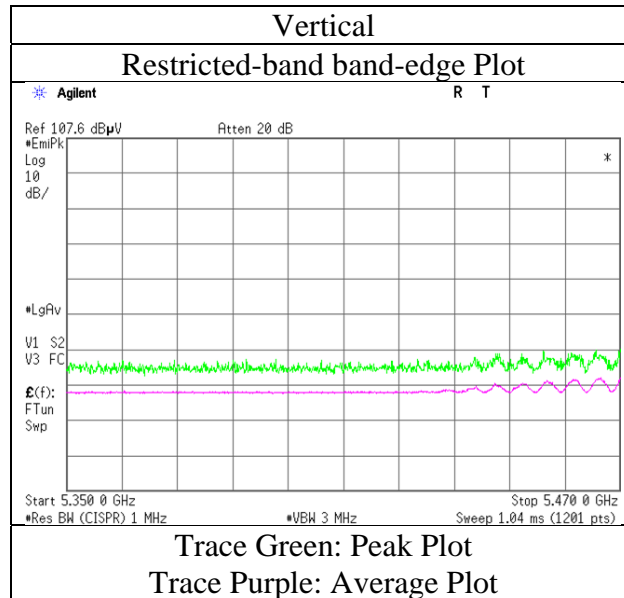
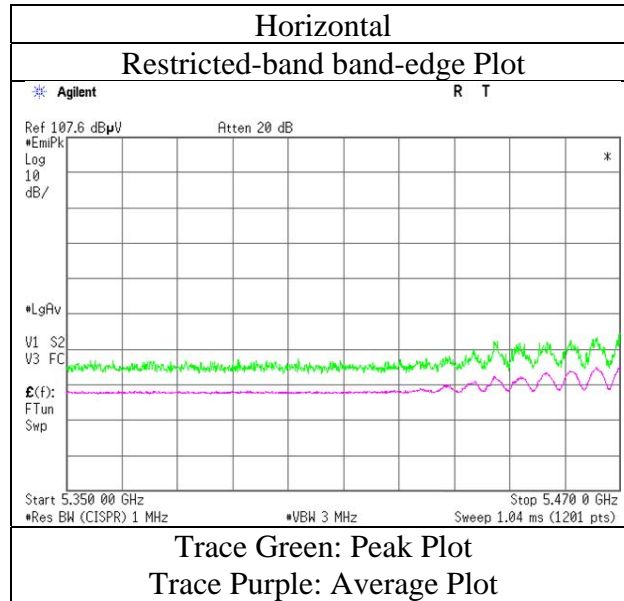
Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

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



## Radiated Spurious Emission

Report No. 13671144H  
 Test place Ise EMC Lab.  
 Semi Anechoic Chamber No.3  
 Date January 25, 2021  
 Temperature / Humidity 22 deg. C / 35 % RH  
 Engineer Junya Okuno  
 (1 GHz - 10 GHz)  
 Mode Tx 11ax-80 5530 MHz (OFDM)



\* 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.	13671144H		
Test place	Ise EMC Lab.		
Semi Anechoic Chamber	No.3	No.3	No.3
Date	January 25, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	22 deg. C / 35 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Junya Okuno	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5610 MHz (OFDM)		

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	42.8	32.0	6.3	31.8	-	49.3	68.2	18.9	
Hori.	11220.000	PK	42.1	39.6	-2.2	33.6	-	45.9	73.9	28.0	Floor noise
Hori.	16830.000	PK	42.9	41.3	0.3	32.7	-	51.7	68.2	16.5	Floor noise
Hori.	11220.000	AV	33.8	39.6	-2.2	33.6	-	37.6	53.9	16.3	Floor noise
Vert.	5725.000	PK	40.2	32.0	6.3	31.8	-	46.6	68.2	21.6	
Vert.	11220.000	PK	41.2	39.6	-2.2	33.6	-	45.1	73.9	28.9	Floor noise
Vert.	16830.000	PK	42.1	41.3	0.3	32.7	-	51.0	68.2	17.2	Floor noise
Vert.	11220.000	AV	33.7	39.6	-2.2	33.6	-	37.5	53.9	16.4	Floor noise

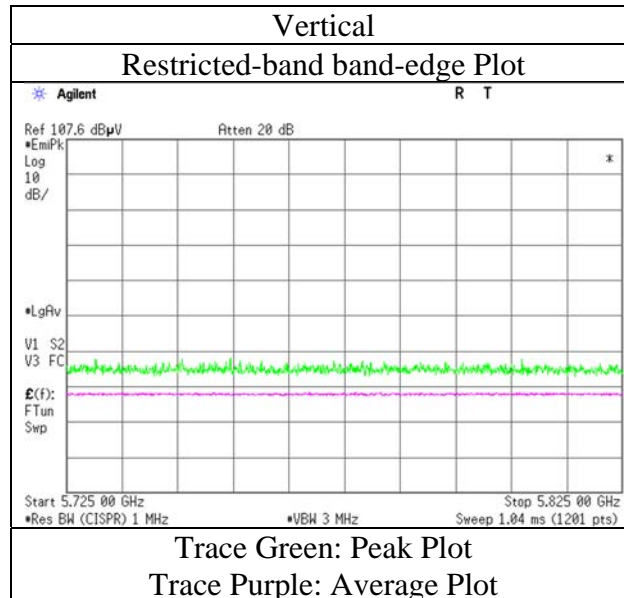
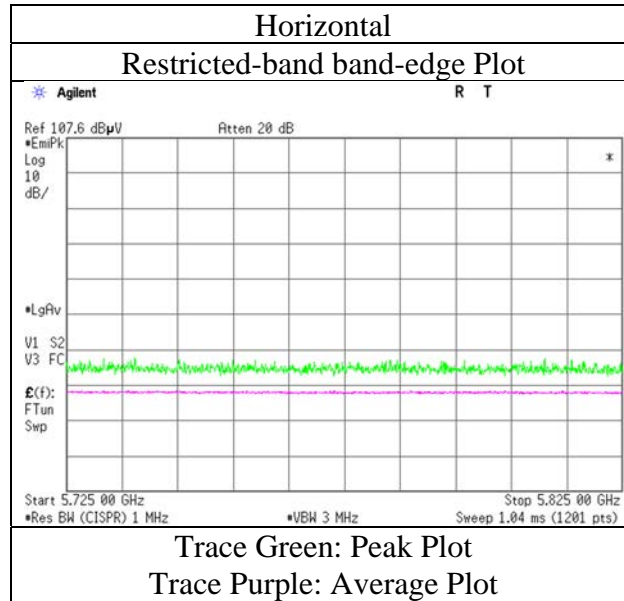
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

\*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       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 35 % RH
Engineer	Junya Okuno
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (OFDM)



\* 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.	13671144H		
Test place	Ise EMC Lab.		
Semi Anechoic Chamber	No.3	No.3	No.3
Date	January 25, 2021	January 30, 2021	January 31, 2021
Temperature / Humidity	22 deg. C / 35 % RH	22 deg. C / 22 % RH	22 deg. C / 23 % RH
Engineer	Junya Okuno	Yuta Moriya	Yuta Moriya
	(1 GHz - 10 GHz)	(10 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5775 MHz (OFDM)		

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	21.8	
Hori.	5700.000	PK	56.9	31.8	6.3	31.8	-	63.2	105.2	42.0	
Hori.	5720.000	PK	59.6	31.9	6.3	31.8	-	66.0	110.8	44.8	
Hori.	5725.000	PK	60.0	32.0	6.3	31.8	-	66.5	122.2	55.7	
Hori.	5850.000	PK	51.2	32.3	6.4	31.8	-	58.0	122.2	64.2	
Hori.	5855.000	PK	50.9	32.3	6.4	31.8	-	57.7	110.8	53.1	
Hori.	5875.000	PK	45.7	32.3	6.4	31.8	-	52.5	105.2	52.7	
Hori.	5925.000	PK	40.6	32.4	6.4	31.9	-	47.5	68.2	20.7	
Hori.	11550.000	PK	41.1	39.7	-2.0	33.5	-	45.4	73.9	28.5	Floor noise
Hori.	17325.000	PK	44.3	43.7	0.2	32.7	-	55.5	68.2	12.7	Floor noise
Hori.	11550.000	AV	33.5	39.7	-2.0	33.5	-	37.8	53.9	16.1	Floor noise
Vert.	5650.000	PK	41.2	31.7	6.3	31.8	-	47.4	68.2	20.9	
Vert.	5700.000	PK	52.6	31.8	6.3	31.8	-	58.9	105.2	46.3	
Vert.	5720.000	PK	55.1	31.9	6.3	31.8	-	61.5	110.8	49.3	
Vert.	5725.000	PK	55.8	32.0	6.3	31.8	-	62.3	122.2	59.9	
Vert.	5850.000	PK	50.1	32.3	6.4	31.8	-	56.9	122.2	65.3	
Vert.	5855.000	PK	48.6	32.3	6.4	31.8	-	55.4	110.8	55.4	
Vert.	5875.000	PK	44.3	32.3	6.4	31.8	-	51.1	105.2	54.1	
Vert.	5925.000	PK	40.9	32.4	6.4	31.9	-	47.8	68.2	20.5	
Vert.	11550.000	PK	41.4	39.7	-2.0	33.5	-	45.8	73.9	28.1	Floor noise
Vert.	17325.000	PK	43.7	43.7	0.2	32.7	-	54.8	68.2	13.4	Floor noise
Vert.	11550.000	AV	33.4	39.7	-2.0	33.5	-	37.7	53.9	16.2	Floor noise

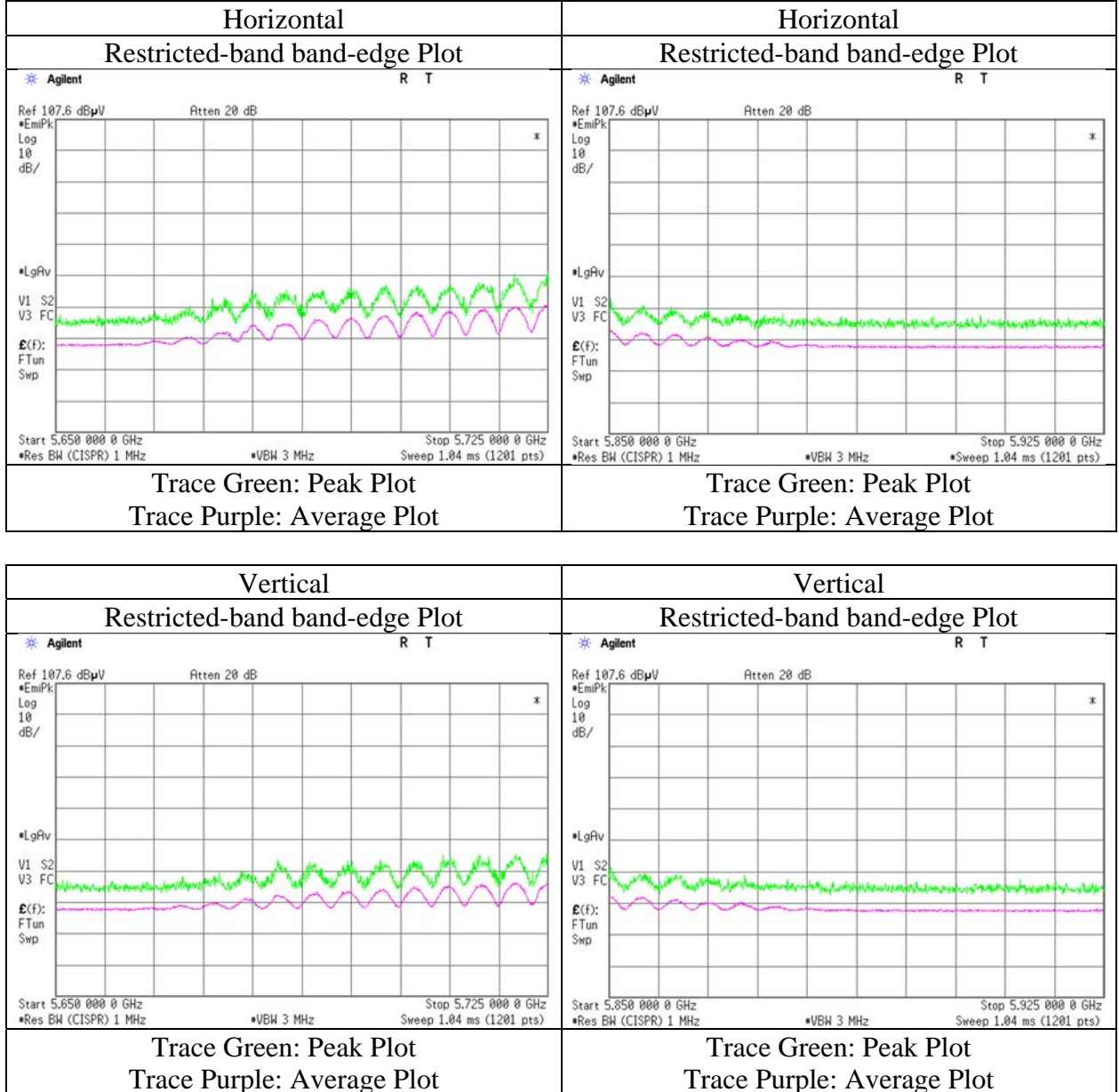
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

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

Distance factor:      1 GHz - 10 GHz       $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$   
                                 10 GHz - 40 GHz       $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 25, 2021
Temperature / Humidity	22 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11ax-80 5775 MHz (OFDM)



\* 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 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5180 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	27.6	
Hori.	5150.000	AV	31.9	32.0	6.1	31.6	0.3	38.6	53.9	15.3	*1)
Vert.	5150.000	PK	39.8	32.0	6.1	31.6	-	46.1	73.9	27.8	
Vert.	5150.000	AV	31.8	32.0	6.1	31.6	0.3	38.5	53.9	15.4	*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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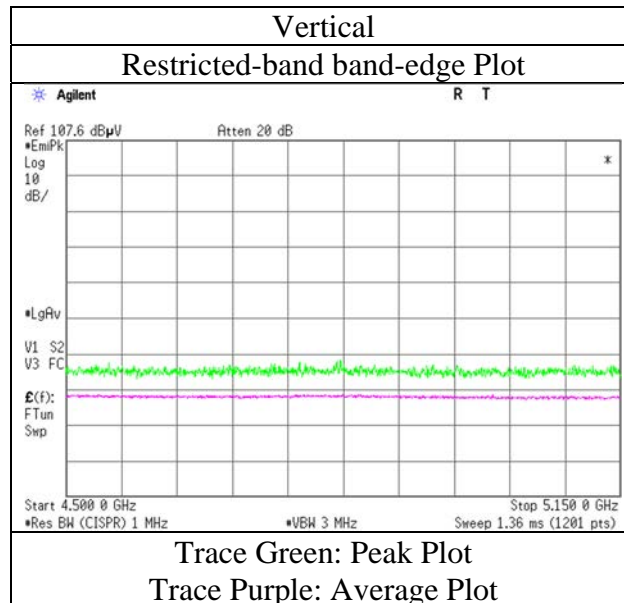
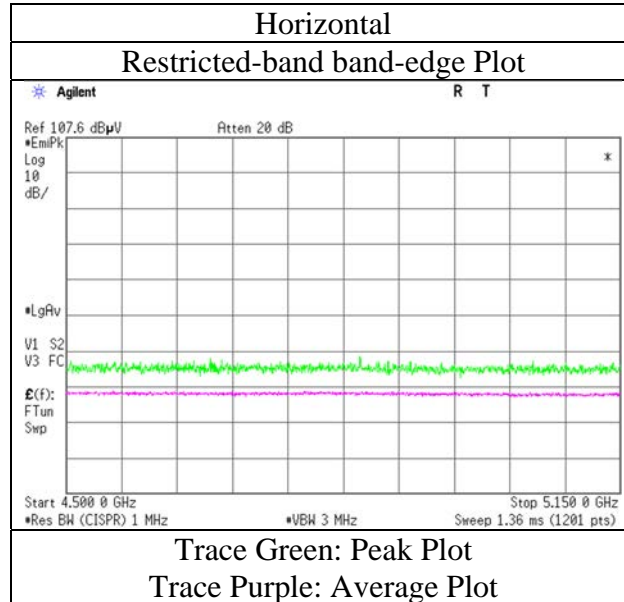
Telephone : +81 596 24 8999

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## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5180 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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5180 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	40.2	32.0	6.1	31.6	-	46.6	73.9	27.3	
Hori.	5150.000	AV	31.9	32.0	6.1	31.6	0.3	38.6	53.9	15.3	*1)
Vert.	5150.000	PK	39.7	32.0	6.1	31.6	-	46.1	73.9	27.8	
Vert.	5150.000	AV	31.8	32.0	6.1	31.6	0.3	38.5	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  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

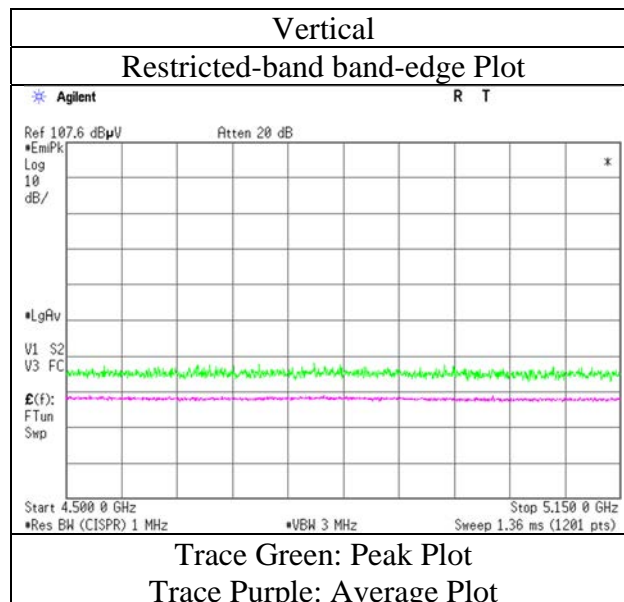
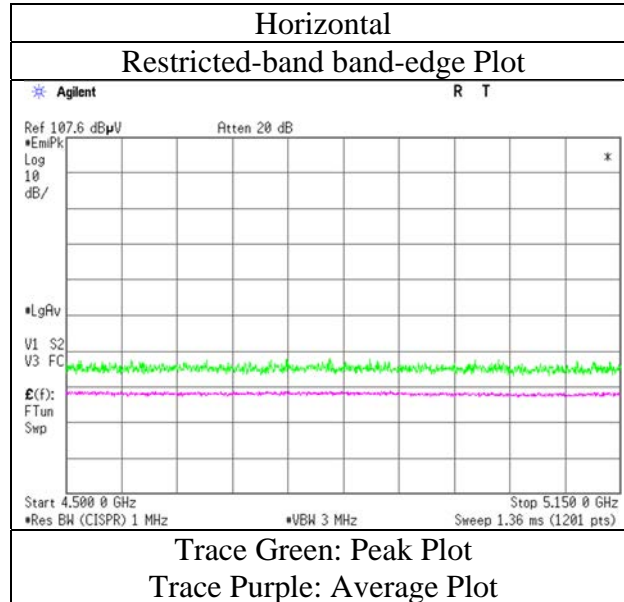
\*1) Not Out of Band emission(Leakage Power)



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5180 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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5180 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	39.4	32.0	6.1	31.6	-	45.8	73.9	28.1	
Hori.	5150.000	AV	32.2	32.0	6.1	31.6	0.2	38.8	53.9	15.1	*1)
Vert.	5150.000	PK	39.7	32.0	6.1	31.6	-	46.1	73.9	27.8	
Vert.	5150.000	AV	31.6	32.0	6.1	31.6	0.2	38.2	53.9	15.7	*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).

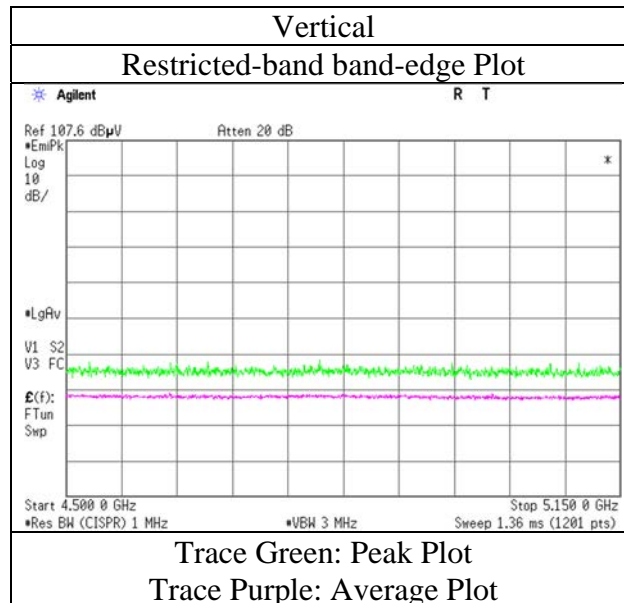
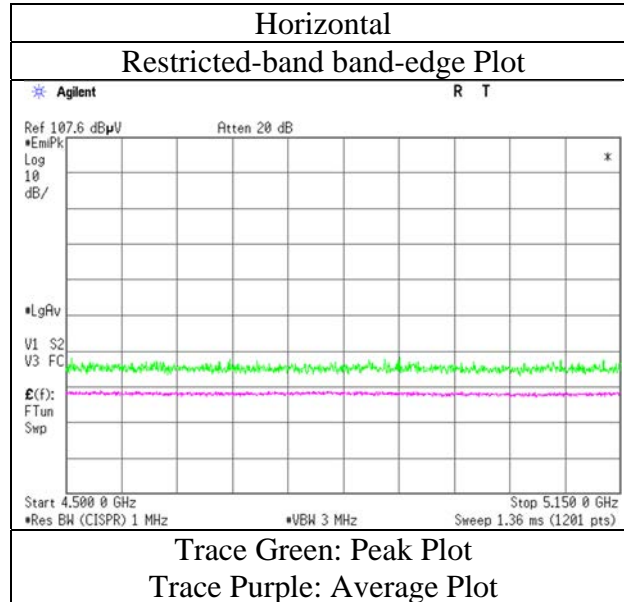
Distance factor: 1 GHz - 10 GHz  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5180 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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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 23 deg. C / 36 % RH  
 Engineer Takeshi Hiyaji  
 (1 GHz - 10 GHz)  
 Mode Tx 11ax-20 5180 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	32.0	32.0	6.1	31.6	0.2	38.7	53.9	15.2	*1)
Vert.	5150.000	PK	40.0	32.0	6.1	31.6	-	46.4	73.9	27.5	
Vert.	5150.000	AV	31.6	32.0	6.1	31.6	0.2	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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**Ise EMC Lab.**

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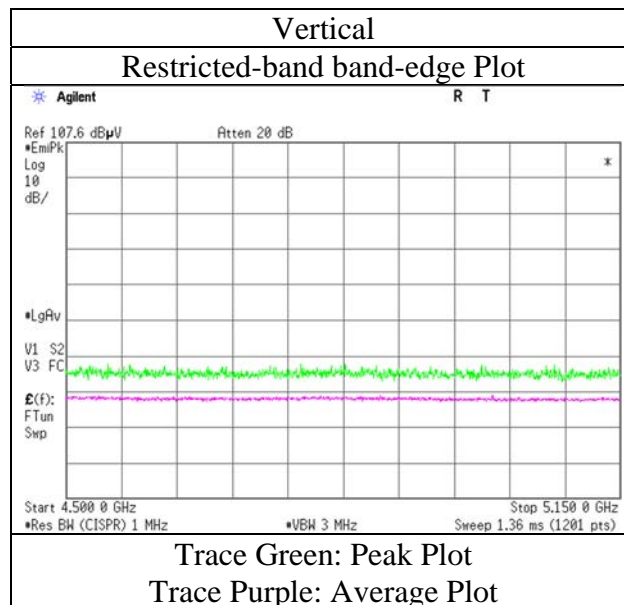
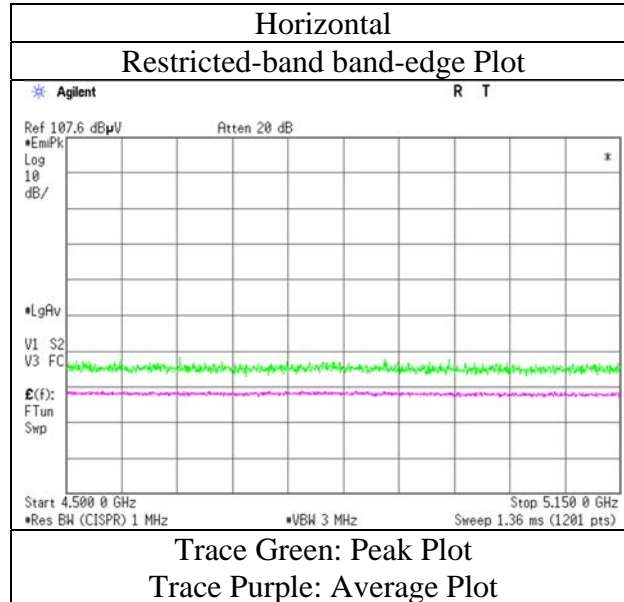
Telephone : +81 596 24 8999

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## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5180 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. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5320 MHz (26-tone RU)

RU Index 8

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	40.4	31.5	6.2	31.7	-	46.4	73.9	27.5	
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	39.6	31.5	6.2	31.7	-	45.6	73.9	28.3	
Vert.	5350.000	AV	32.0	31.5	6.2	31.7	0.3	38.2	53.9	15.7	*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).

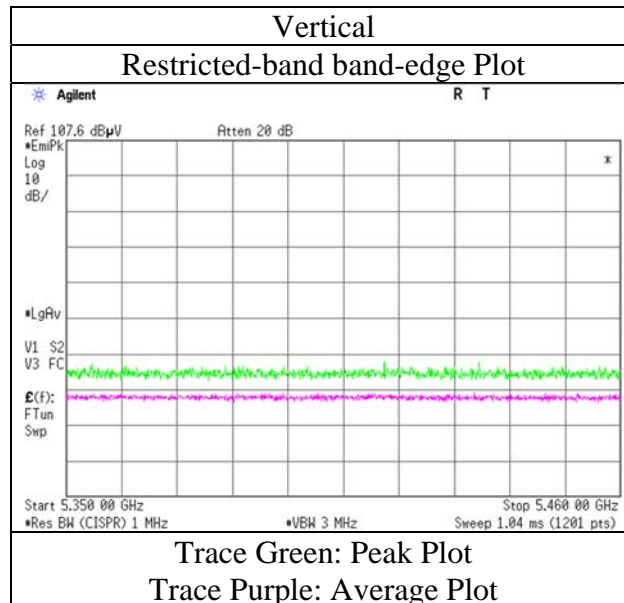
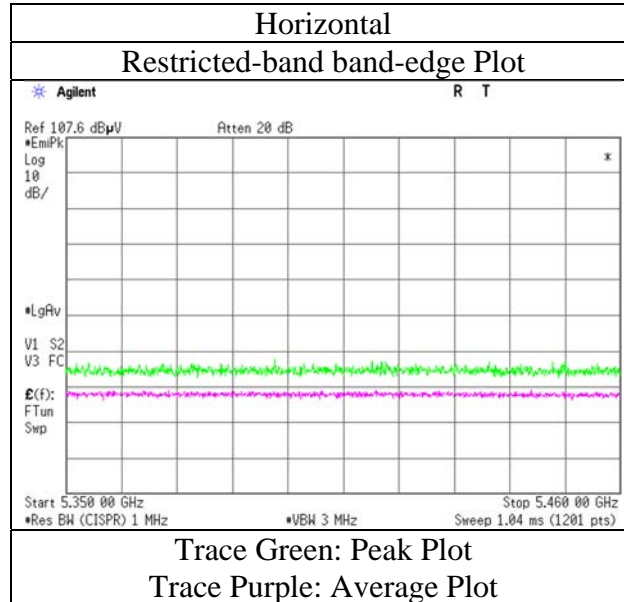
Distance factor: 1 GHz - 10 GHz  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

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

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5320 MHz (26-tone RU)

### RU Index 8



\* 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. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5320 MHz (52-tone RU)

RU Index 40

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	40.0	31.5	6.2	31.7	-	46.0	73.9	27.9	
Hori.	5350.000	AV	32.1	31.5	6.2	31.7	0.3	38.3	53.9	15.6	*1)
Vert.	5350.000	PK	40.2	31.5	6.2	31.7	-	46.2	73.9	27.7	
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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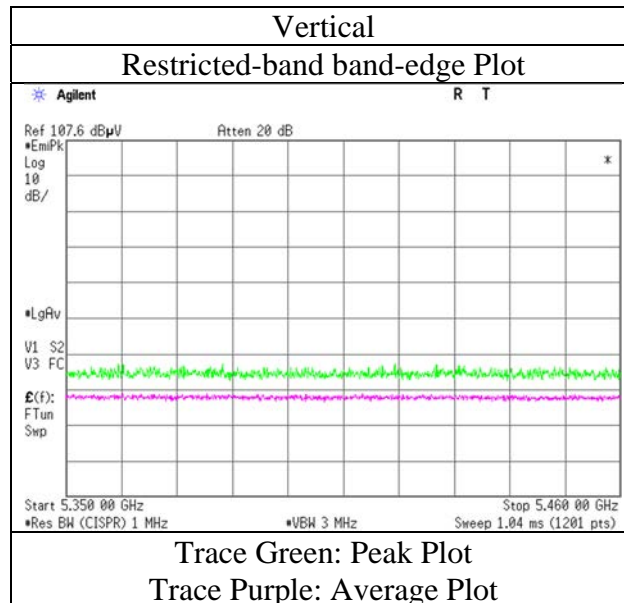
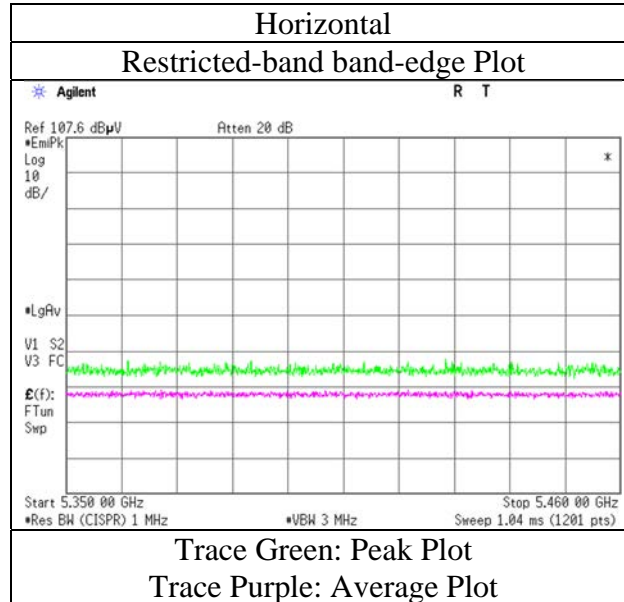
Facsimile : +81 596 24 8124



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5320 MHz (52-tone RU)

### RU Index 40



\* 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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5320 MHz (106-tone RU)

RU Index 54

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	40.8	31.5	6.2	31.7	-	46.8	73.9	27.1	
Hori.	5350.000	AV	32.3	31.5	6.2	31.7	0.2	38.6	53.9	15.3	*1)
Vert.	5350.000	PK	40.0	31.5	6.2	31.7	-	46.0	73.9	27.9	
Vert.	5350.000	AV	32.2	31.5	6.2	31.7	0.2	38.5	53.9	15.4	*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).

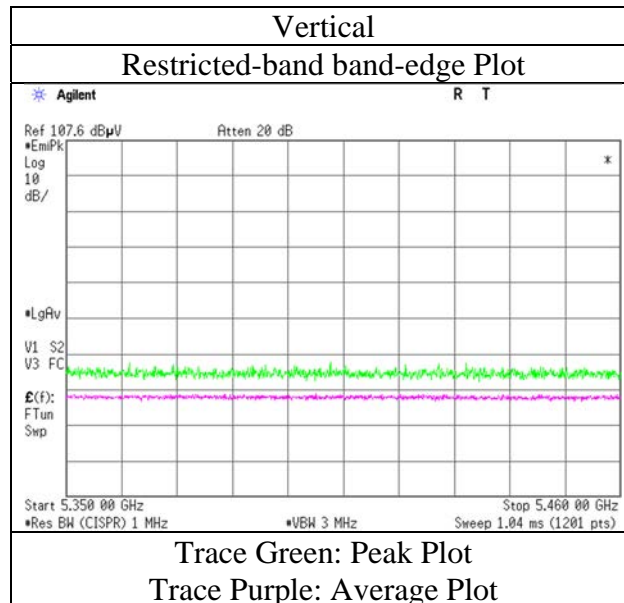
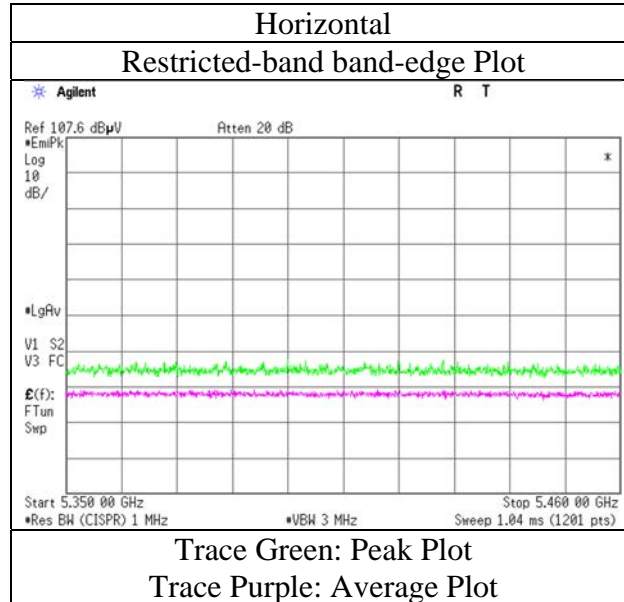
Distance factor: 1 GHz - 10 GHz  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

\*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	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5320 MHz (106-tone RU)

### RU Index 54



\* 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 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5320 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.	5350.000	PK	40.8	31.5	6.2	31.7	-	46.8	73.9	27.2	
Hori.	5350.000	AV	33.6	31.5	6.2	31.7	0.2	39.9	53.9	14.0	*1)
Vert.	5350.000	PK	40.7	31.5	6.2	31.7	-	46.7	73.9	27.2	
Vert.	5350.000	AV	32.6	31.5	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).

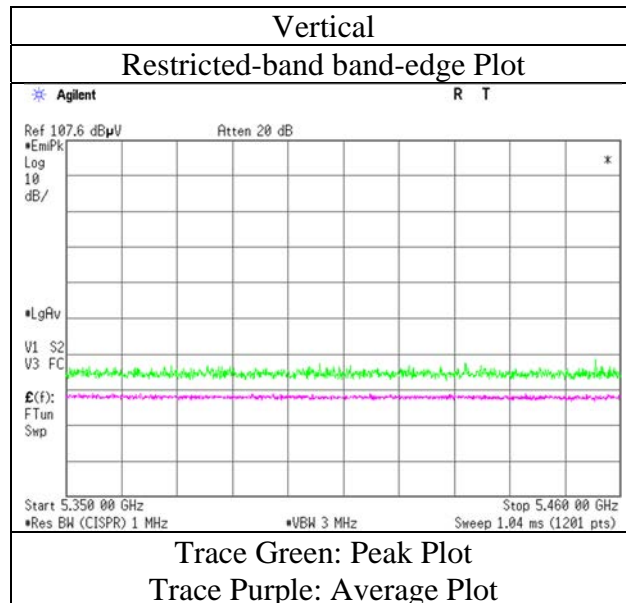
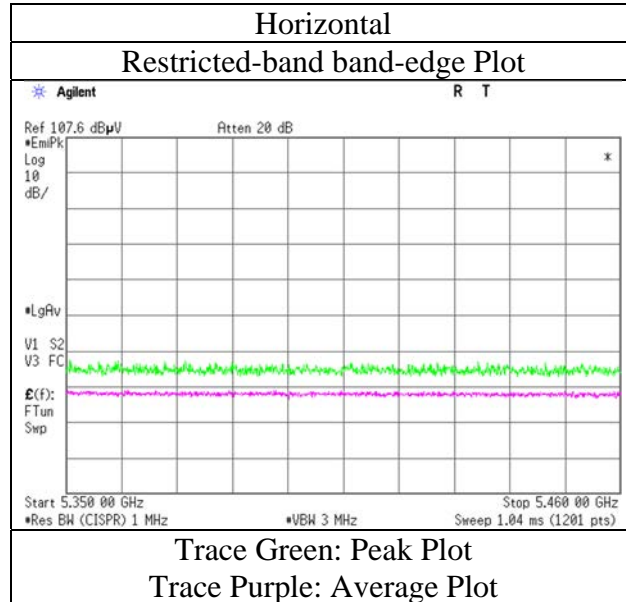
Distance factor: 1 GHz - 10 GHz  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

\*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 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5320 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. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5500 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	40.0	31.7	6.2	31.7	-	46.2	68.2	22.0	
Hori.	5470.000	PK	40.3	31.7	6.2	31.7	-	46.5	68.2	21.8	
Hori.	5460.000	AV	31.7	31.7	6.2	31.7	0.3	38.1	53.9	15.8	*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	21.8	
Vert.	5460.000	AV	31.9	31.7	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).

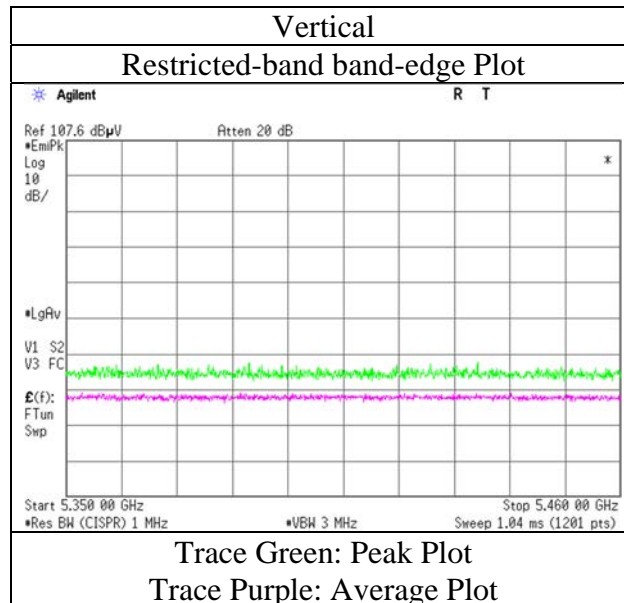
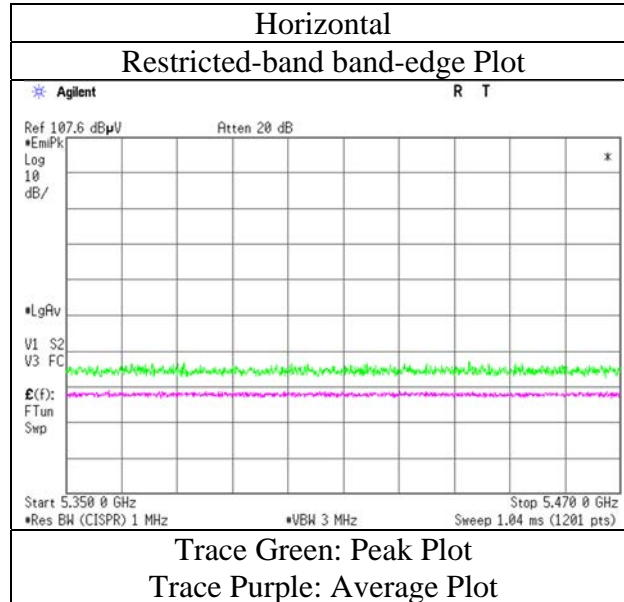
Distance factor: 1 GHz - 10 GHz  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

\*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 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5500 MHz (26-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 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5500 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	40.8	31.7	6.2	31.7	-	47.0	68.2	21.2	
Hori.	5470.000	PK	41.3	31.7	6.2	31.7	-	47.5	68.2	20.8	
Hori.	5460.000	AV	32.5	31.7	6.2	31.7	0.2	38.9	53.9	15.0	*1)
Vert.	5460.000	PK	40.4	31.7	6.2	31.7	-	46.6	68.2	21.6	
Vert.	5470.000	PK	41.0	31.7	6.2	31.7	-	47.2	68.2	21.0	
Vert.	5460.000	AV	32.0	31.7	6.2	31.7	0.2	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  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

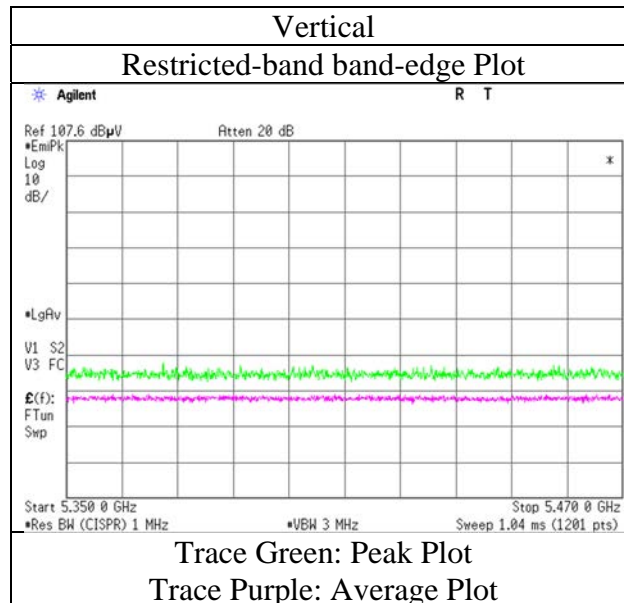
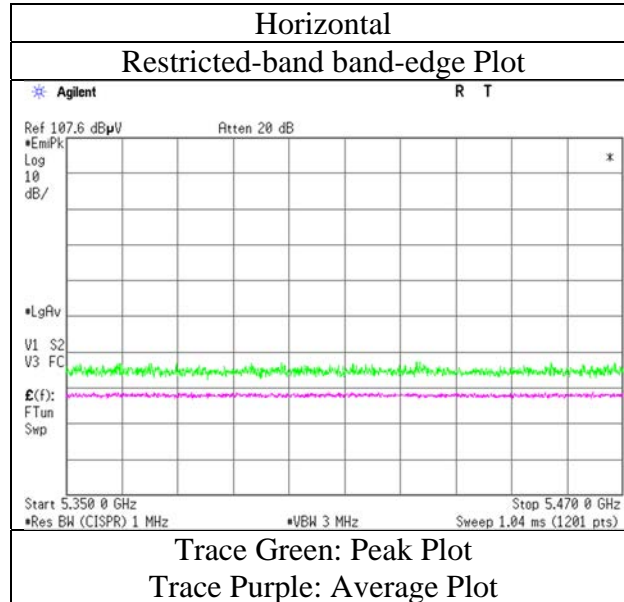
\*1) Not Out of Band emission(Leakage Power)



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5500 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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5500 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	40.1	31.7	6.2	31.7	-	46.3	68.2	21.9	
Hori.	5470.000	PK	40.5	31.7	6.2	31.7	-	46.7	68.2	21.5	
Hori.	5460.000	AV	32.3	31.7	6.2	31.7	0.2	38.8	53.9	15.2	*1)
Vert.	5460.000	PK	40.1	31.7	6.2	31.7	-	46.2	68.2	22.0	
Vert.	5470.000	PK	40.7	31.7	6.2	31.7	-	46.9	68.2	21.3	
Vert.	5460.000	AV	32.3	31.7	6.2	31.7	0.2	38.8	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).

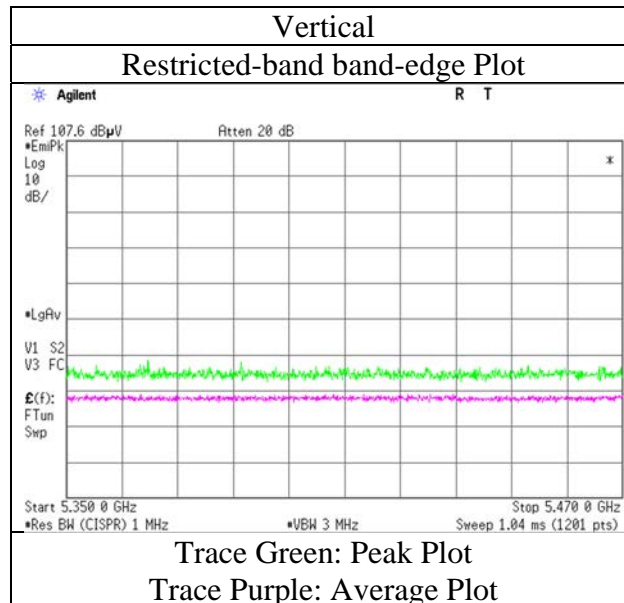
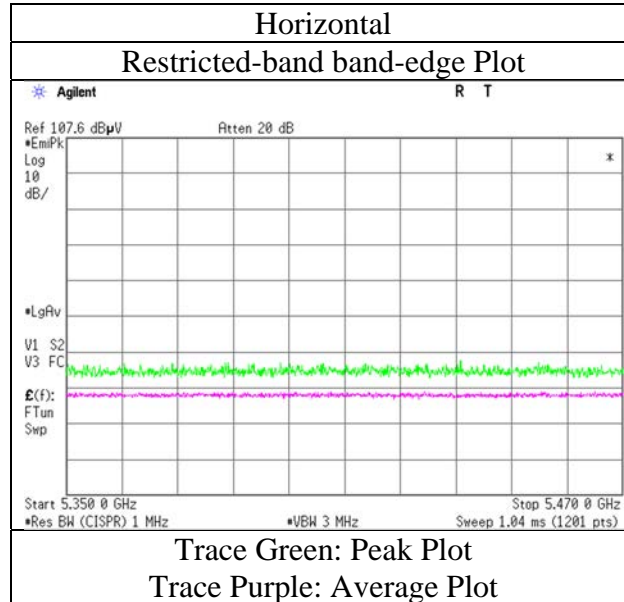
Distance factor: 1 GHz - 10 GHz  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

\*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 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5500 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.**

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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5700 MHz (26-tone RU)

### RU Index 8

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	40.3	32.0	6.3	31.8	-	46.8	68.2	21.4	
Vert.	5725.000	PK	40.2	32.0	6.3	31.8	-	46.7	68.2	21.5	

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

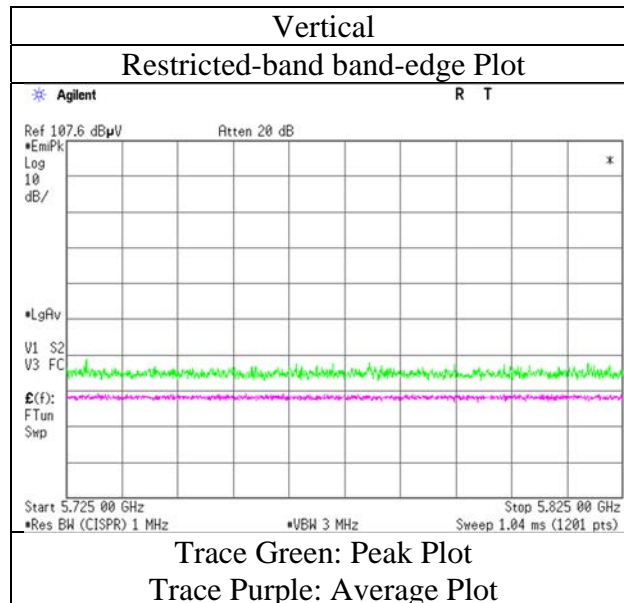
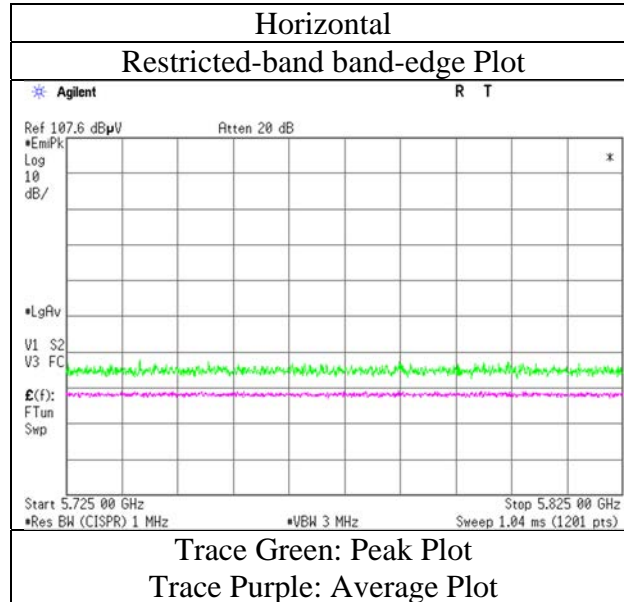
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5700 MHz (26-tone RU)

### RU Index 8



\* 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. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5700 MHz (52-tone RU)

RU Index 40

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	40.1	32.0	6.3	31.8	-	46.6	68.2	21.6	
Vert.	5725.000	PK	40.3	32.0	6.3	31.8	-	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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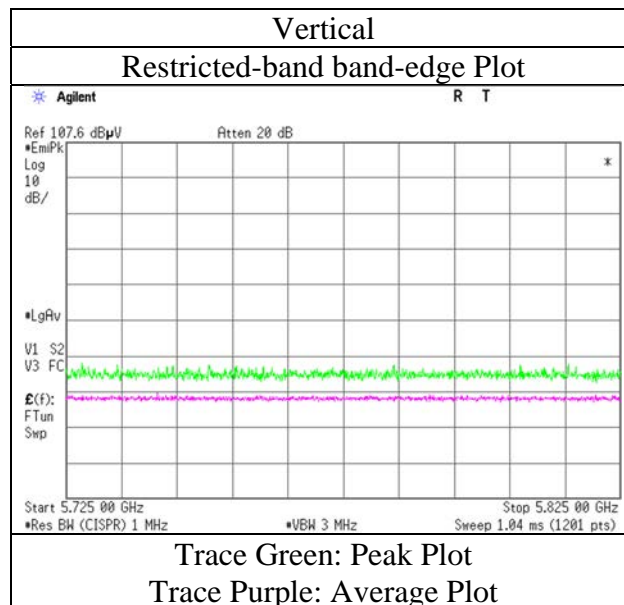
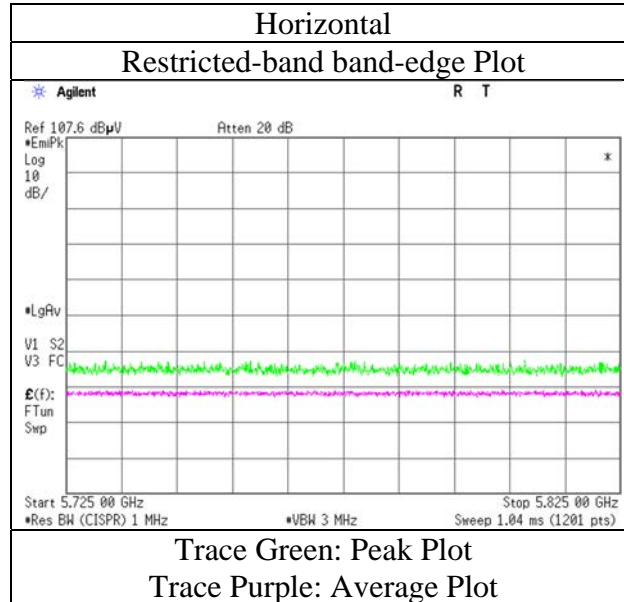
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Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5700 MHz (52-tone RU)

### RU Index 40



\* 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 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5700 MHz (106-tone RU)

RU Index 54

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	40.6	32.0	6.3	31.8	-	47.0	68.2	21.2	
Vert.	5725.000	PK	40.0	32.0	6.3	31.8	-	46.5	68.2	21.7	

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

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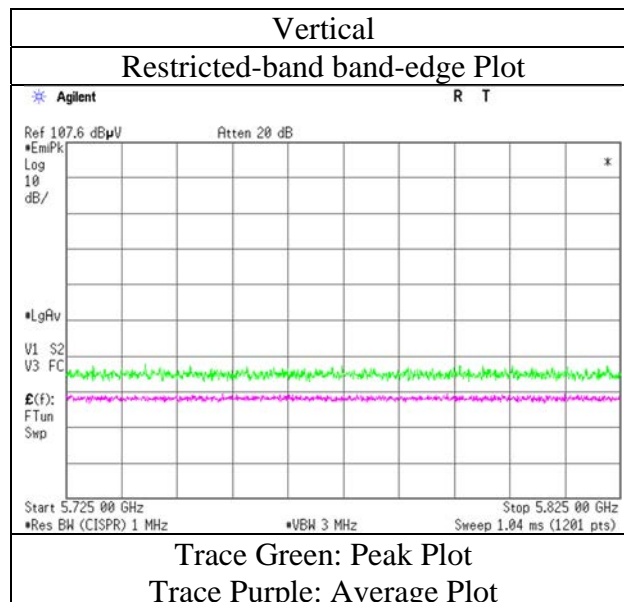
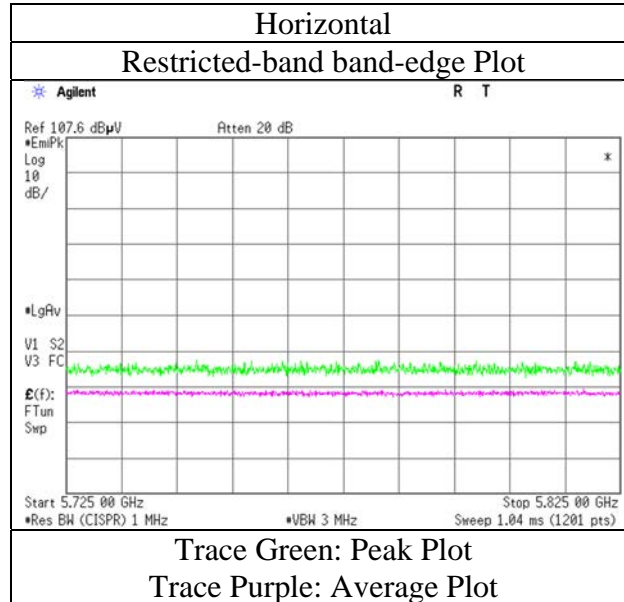
Facsimile : +81 596 24 8124



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5700 MHz (106-tone RU)

### RU Index 54



\* 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 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5700 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.	5725.000	PK	43.9	32.0	6.3	31.8	-	50.4	68.2	17.9	
Vert.	5725.000	PK	44.4	32.0	6.3	31.8	-	50.8	68.2	17.4	

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

**UL Japan, Inc.**

**Ise EMC Lab.**

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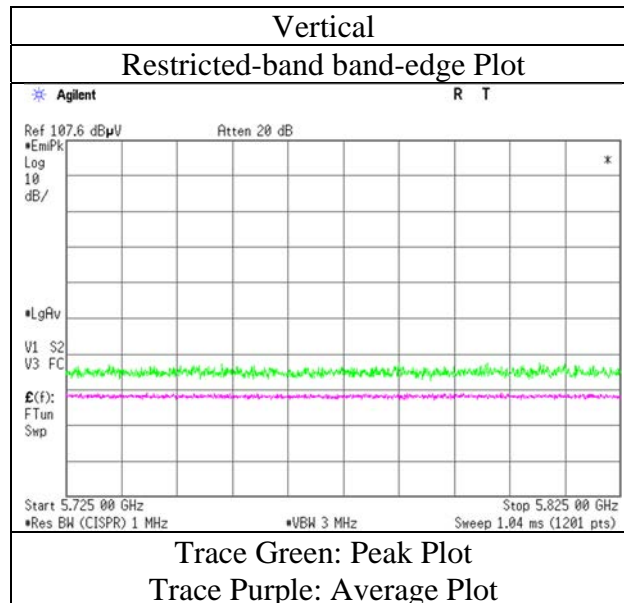
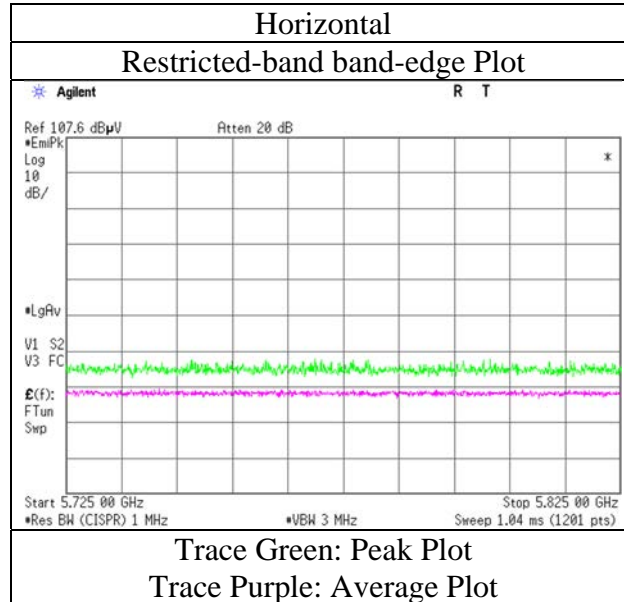
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5700 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.**

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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-20 5745 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	40.3	31.7	6.3	31.8	-	46.4	68.2	21.8	
Hori.	5700.000	PK	40.6	31.8	6.3	31.8	-	46.9	105.2	58.3	
Hori.	5720.000	PK	40.8	31.9	6.3	31.8	-	47.3	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	40.2	31.7	6.3	31.8	-	46.4	68.2	21.9	
Vert.	5700.000	PK	40.6	31.8	6.3	31.8	-	46.8	105.2	58.4	
Vert.	5720.000	PK	40.8	31.9	6.3	31.8	-	47.2	110.8	63.6	
Vert.	5725.000	PK	40.9	32.0	6.3	31.8	-	47.4	122.2	74.8	

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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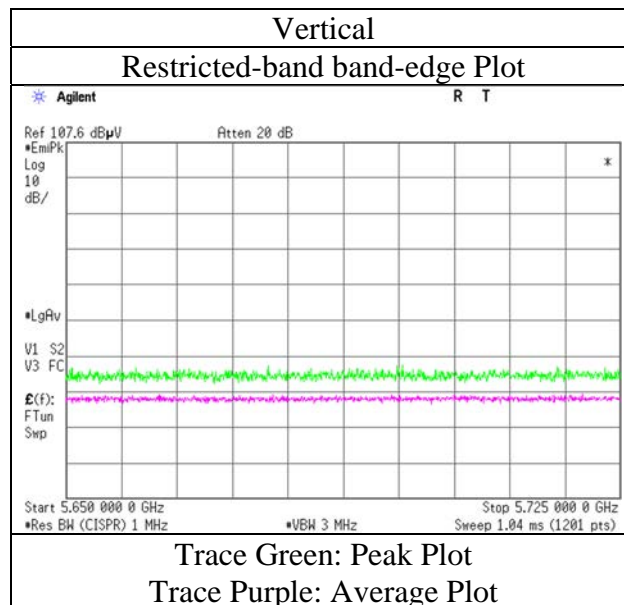
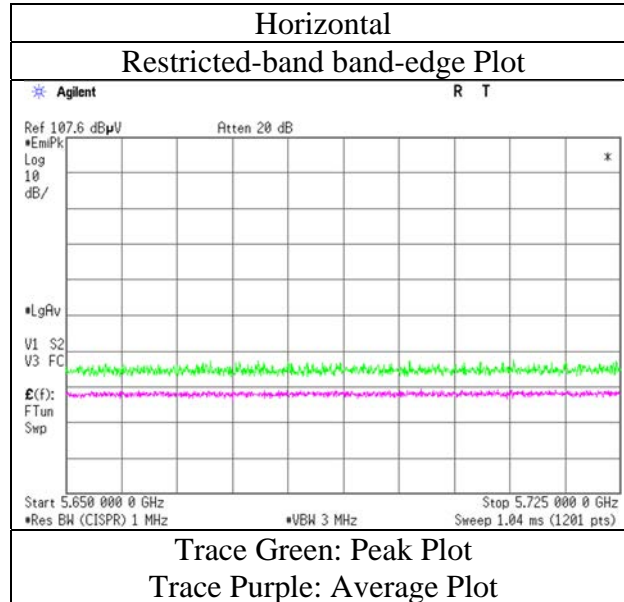
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5745 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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## 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-20 5745 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	-	46.4	68.2	21.8	
Hori.	5700.000	PK	40.5	31.8	6.3	31.8	-	46.7	105.2	58.5	
Hori.	5720.000	PK	41.4	31.9	6.3	31.8	-	47.8	110.8	63.0	
Hori.	5725.000	PK	42.3	32.0	6.3	31.8	-	48.8	122.2	73.4	
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	41.1	31.9	6.3	31.8	-	47.5	110.8	63.3	
Vert.	5725.000	PK	41.2	32.0	6.3	31.8	-	47.6	122.2	74.6	

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

**UL Japan, Inc.**

**Ise EMC Lab.**

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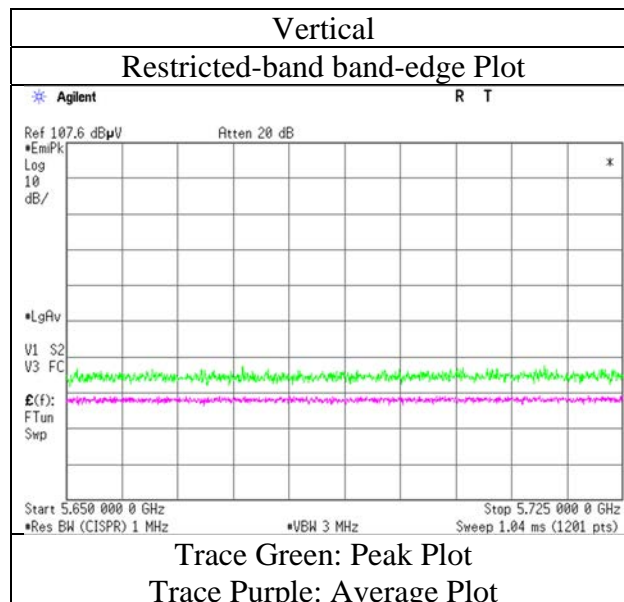
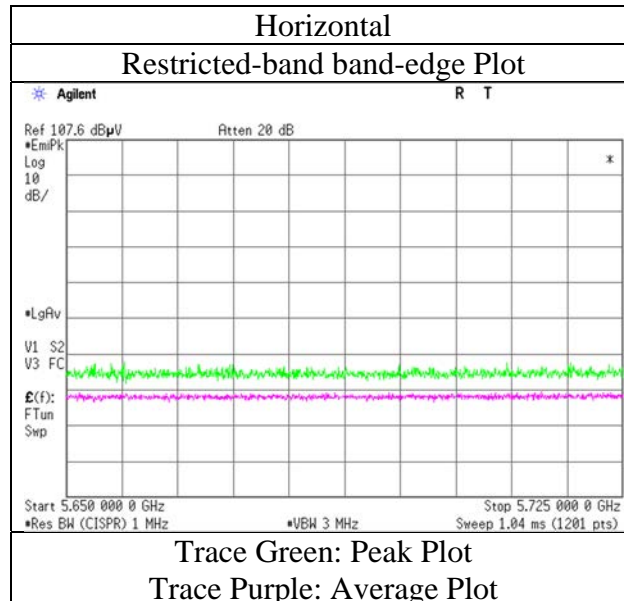
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5745 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. 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-20 5745 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	40.8	31.7	6.3	31.8	-	46.9	68.2	21.3	
Hori.	5700.000	PK	41.2	31.8	6.3	31.8	-	47.5	105.2	57.7	
Hori.	5720.000	PK	41.6	31.9	6.3	31.8	-	48.0	110.8	62.8	
Hori.	5725.000	PK	42.5	32.0	6.3	31.8	-	48.9	122.2	73.3	
Vert.	5650.000	PK	40.3	31.7	6.3	31.8	-	46.5	68.2	21.7	
Vert.	5700.000	PK	41.1	31.8	6.3	31.8	-	47.4	105.2	57.8	
Vert.	5720.000	PK	41.5	31.9	6.3	31.8	-	47.9	110.8	62.9	
Vert.	5725.000	PK	41.7	32.0	6.3	31.8	-	48.1	122.2	74.1	

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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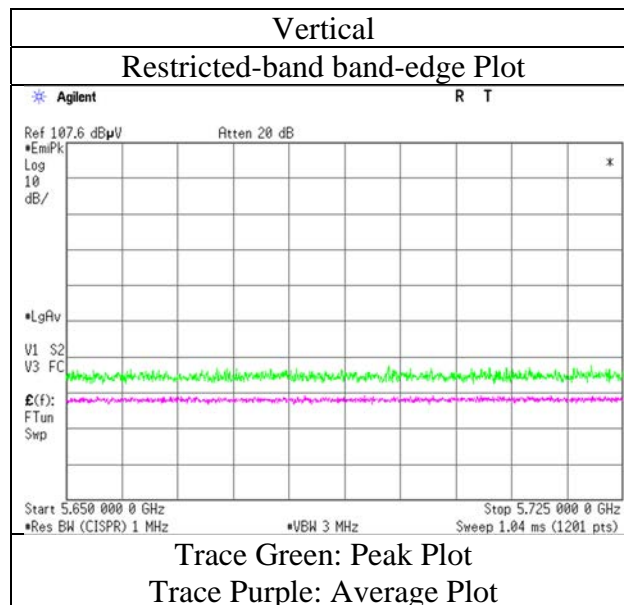
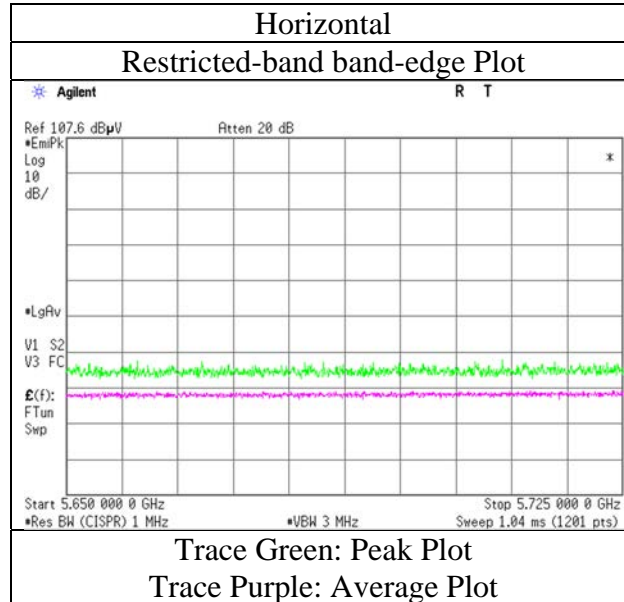
Facsimile : +81 596 24 8124



## 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-20 5745 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.**

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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 26, 2021  
Temperature / Humidity 24 deg. C / 38 % RH  
Engineer Nachi Konegawa  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5745 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	40.9	31.7	6.3	31.8	-	47.0	68.2	21.2	
Hori.	5700.000	PK	41.5	31.8	6.3	31.8	-	47.8	105.2	57.4	
Hori.	5720.000	PK	47.5	31.9	6.3	31.8	-	53.9	110.8	56.9	
Hori.	5725.000	PK	49.3	32.0	6.3	31.8	-	55.7	122.2	66.5	
Vert.	5650.000	PK	41.0	31.7	6.3	31.8	-	47.2	68.2	21.0	
Vert.	5700.000	PK	41.5	31.8	6.3	31.8	-	47.8	105.2	57.4	
Vert.	5720.000	PK	53.5	31.9	6.3	31.8	-	60.0	110.8	50.9	
Vert.	5725.000	PK	55.9	32.0	6.3	31.8	-	62.4	122.2	59.9	

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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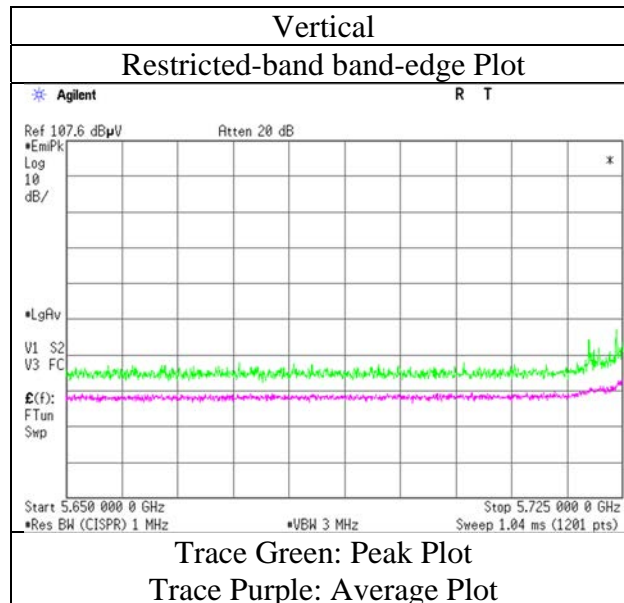
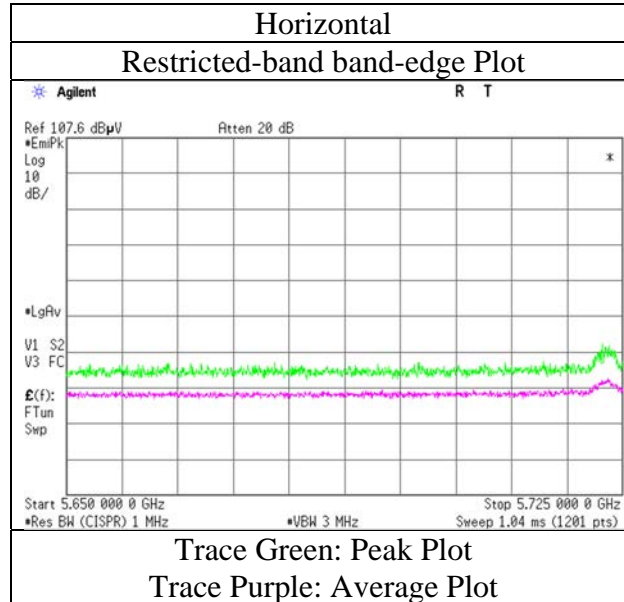
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5745 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. 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-20 5825MHz (26-tone RU)

RU Index 8

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	41.0	32.3	6.4	31.8	-	47.8	122.2	74.4	
Hori.	5855.000	PK	40.6	32.3	6.4	31.8	-	47.4	110.8	63.4	
Hori.	5875.000	PK	40.5	32.3	6.4	31.8	-	47.4	105.2	57.9	
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	40.5	32.3	6.4	31.8	-	47.4	110.8	63.4	
Vert.	5875.000	PK	40.4	32.3	6.4	31.8	-	47.3	105.2	57.9	
Vert.	5925.000	PK	40.2	32.4	6.4	31.9	-	47.1	68.2	21.1	

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

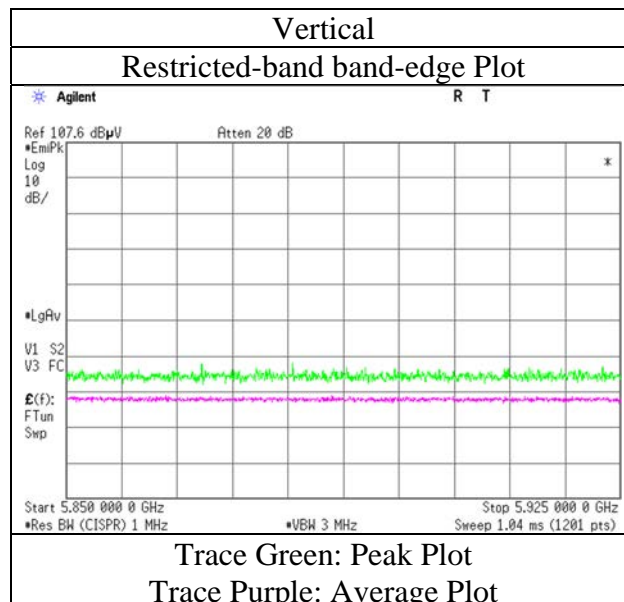
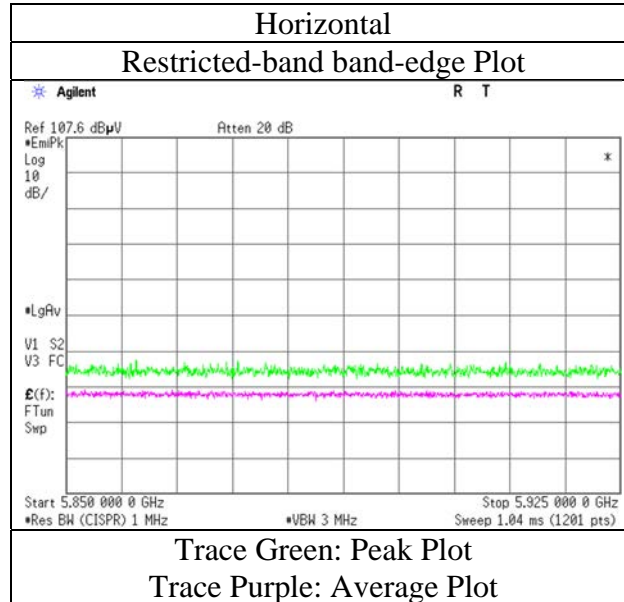
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5825MHz (26-tone RU)

### RU Index 8



\* 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

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## 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-20 5825MHz (52-tone RU)

RU Index 40

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	41.2	32.3	6.4	31.8	-	48.0	122.2	74.2	
Hori.	5855.000	PK	40.7	32.3	6.4	31.8	-	47.5	110.8	63.3	
Hori.	5875.000	PK	40.5	32.3	6.4	31.8	-	47.4	105.2	57.8	
Hori.	5925.000	PK	40.3	32.4	6.4	31.9	-	47.2	68.2	21.0	
Vert.	5850.000	PK	40.9	32.3	6.4	31.8	-	47.7	122.2	74.5	
Vert.	5855.000	PK	40.6	32.3	6.4	31.8	-	47.4	110.8	63.4	
Vert.	5875.000	PK	40.4	32.3	6.4	31.8	-	47.3	105.2	57.9	
Vert.	5925.000	PK	40.3	32.4	6.4	31.9	-	47.2	68.2	21.1	

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

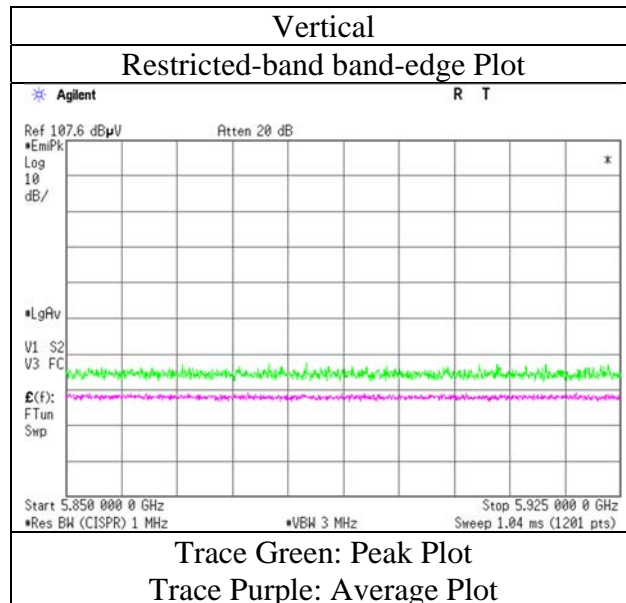
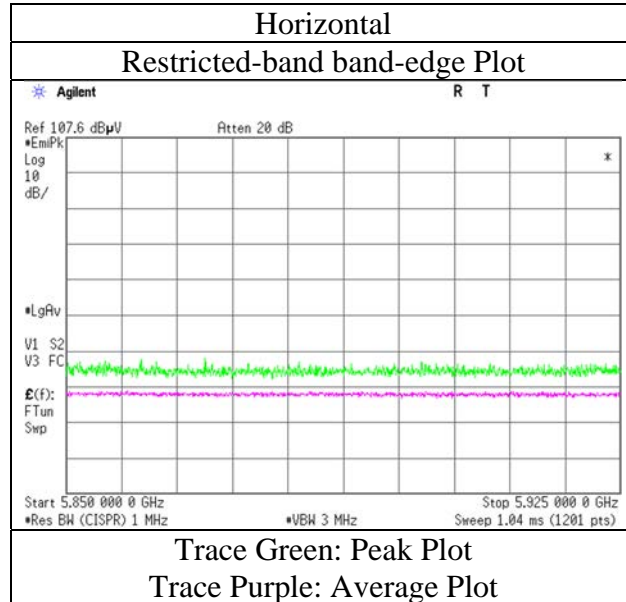
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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 26, 2021  
Temperature / Humidity 24 deg. C / 38 % RH  
Engineer Nachi Konegawa  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5825MHz (52-tone RU)

**RU Index 40**



\* 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. 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-20 5825MHz (106-tone RU)

RU Index 54

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	42.5	32.3	6.4	31.8	-	49.3	122.2	72.9	
Hori.	5855.000	PK	41.0	32.3	6.4	31.8	-	47.8	110.8	63.0	
Hori.	5875.000	PK	40.8	32.3	6.4	31.8	-	47.7	105.2	57.5	
Hori.	5925.000	PK	40.6	32.4	6.4	31.9	-	47.4	68.2	20.8	
Vert.	5850.000	PK	41.0	32.3	6.4	31.8	-	47.8	122.2	74.4	
Vert.	5855.000	PK	40.8	32.3	6.4	31.8	-	47.6	110.8	63.2	
Vert.	5875.000	PK	40.7	32.3	6.4	31.8	-	47.5	105.2	57.7	
Vert.	5925.000	PK	40.5	32.4	6.4	31.9	-	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).

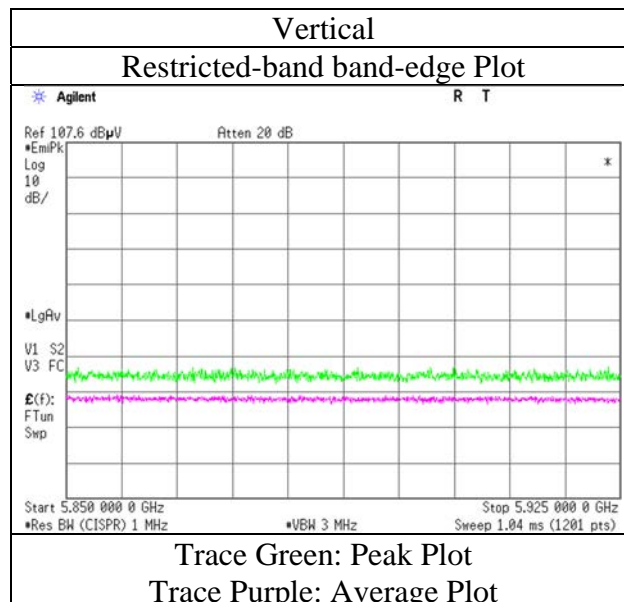
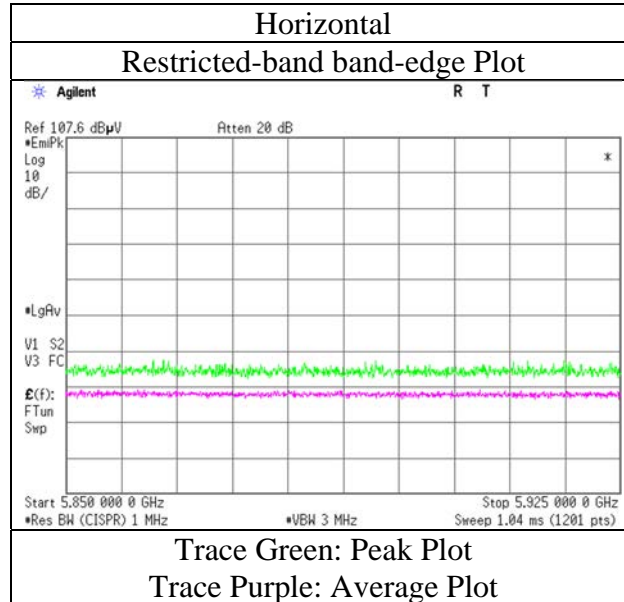
Distance factor: 1 GHz - 10 GHz  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$



## 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-20 5825MHz (106-tone RU)

### RU Index 54



\* 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 26, 2021  
Temperature / Humidity 24 deg. C / 38 % RH  
Engineer Nachi Konegawa  
(1 GHz - 10 GHz)  
Mode Tx 11ax-20 5825MHz (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.	5850.000	PK	51.5	32.3	6.4	31.8	-	58.3	122.2	63.9	
Hori.	5855.000	PK	42.1	32.3	6.4	31.8	-	48.9	110.8	61.9	
Hori.	5875.000	PK	40.5	32.3	6.4	31.8	-	47.4	105.2	57.8	
Hori.	5925.000	PK	40.3	32.4	6.4	31.9	-	47.1	68.2	21.1	
Vert.	5850.000	PK	51.6	32.3	6.4	31.8	-	58.4	122.2	63.8	
Vert.	5855.000	PK	42.2	32.3	6.4	31.8	-	49.0	110.8	61.8	
Vert.	5875.000	PK	40.5	32.3	6.4	31.8	-	47.4	105.2	57.8	
Vert.	5925.000	PK	40.3	32.4	6.4	31.9	-	47.2	68.2	21.0	

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

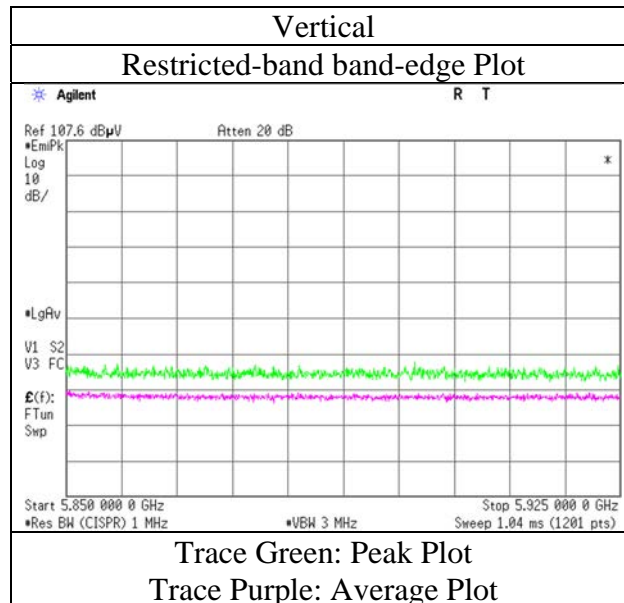
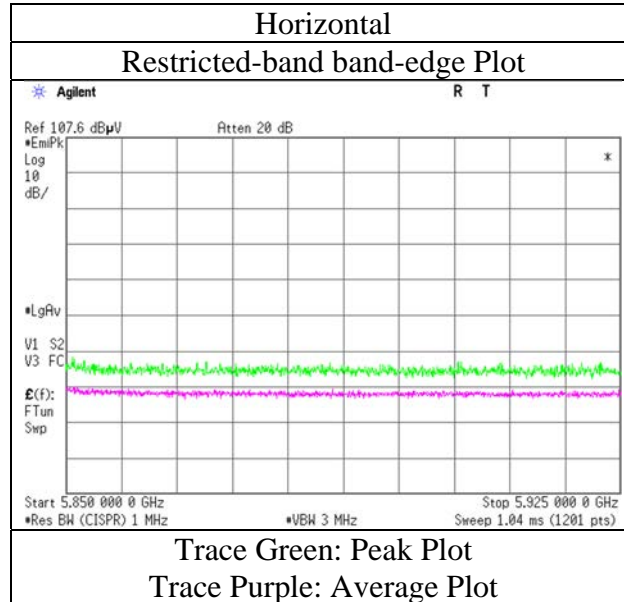
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-20 5825MHz (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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## 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-40 5190 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	40.6	32.0	6.1	31.6	-	47.0	73.9	26.9	
Hori.	5150.000	AV	31.8	32.0	6.1	31.6	0.2	38.4	53.9	15.5	*1)
Vert.	5150.000	PK	41.1	32.0	6.1	31.6	-	47.5	73.9	26.4	
Vert.	5150.000	AV	31.9	32.0	6.1	31.6	0.2	38.6	53.9	15.4	*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).

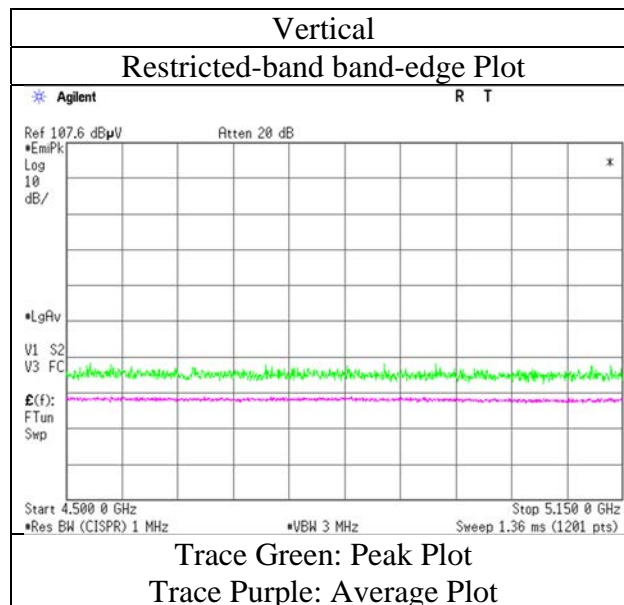
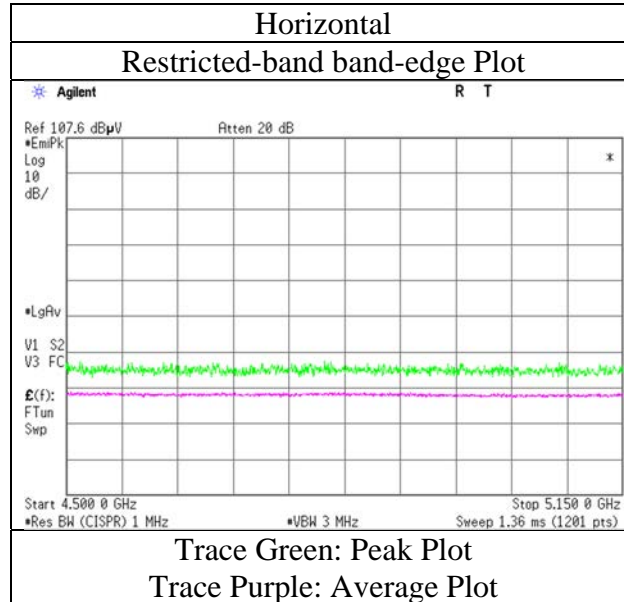
Distance factor: 1 GHz - 10 GHz  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

\*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-40 5190 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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## 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-40 5190 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	41.1	32.0	6.1	31.6	-	47.4	73.9	26.5	
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	41.0	32.0	6.1	31.6	-	47.4	73.9	26.5	
Vert.	5150.000	AV	31.8	32.0	6.1	31.6	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).

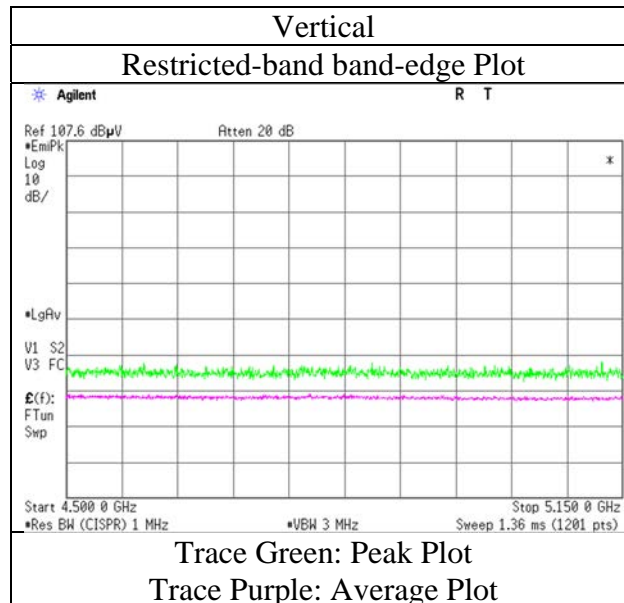
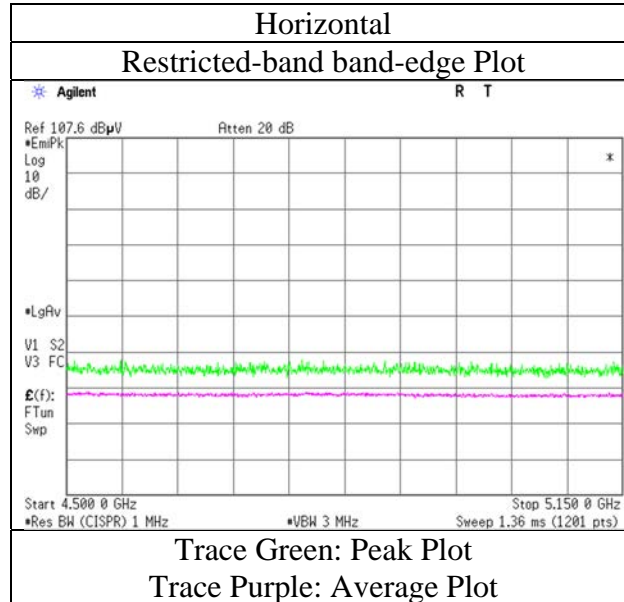
Distance factor: 1 GHz - 10 GHz  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

\*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-40 5190 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 26, 2021  
Temperature / Humidity 24 deg. C / 38 % RH  
Engineer Nachi Konegawa  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5190 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	31.9	32.0	6.1	31.6	0.3	38.5	53.9	15.4	*1)
Vert.	5150.000	PK	41.4	32.0	6.1	31.6	-	47.8	73.9	26.1	
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  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

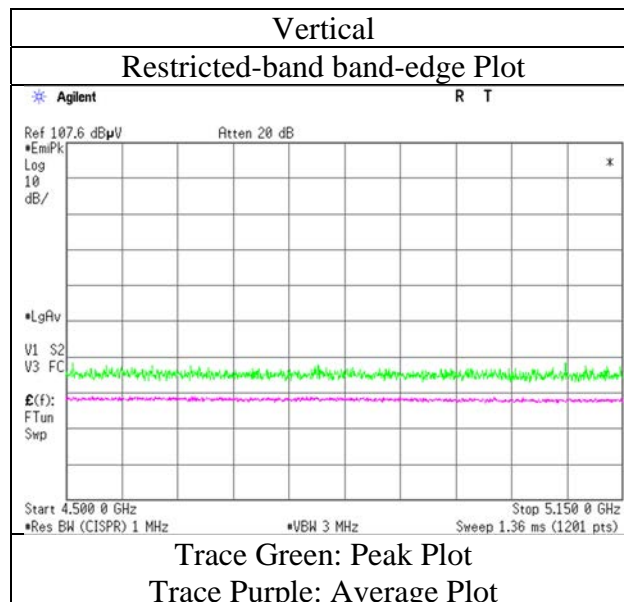
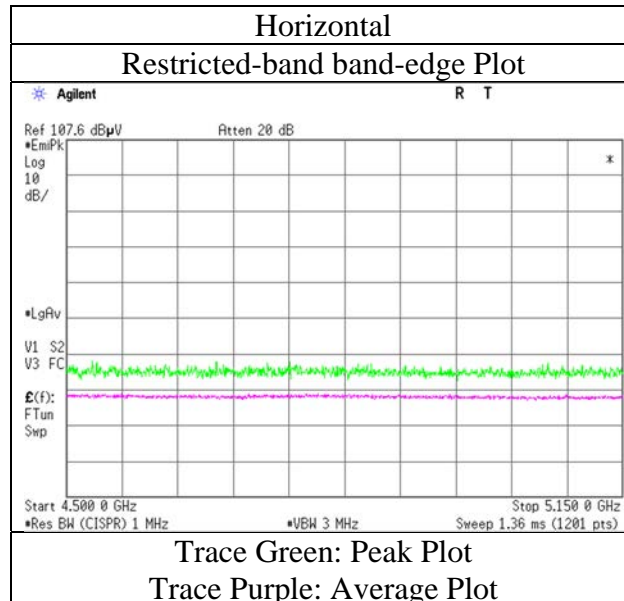
\*1) Not Out of Band emission(Leakage Power)



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5190 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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## 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-40 5190 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	45.8	32.0	6.1	31.6	-	52.2	73.9	21.8	
Hori.	5150.000	AV	32.6	32.0	6.1	31.6	0.3	39.2	53.9	14.7	*1)
Vert.	5150.000	PK	41.6	32.0	6.1	31.6	-	48.0	73.9	25.9	
Vert.	5150.000	AV	32.5	32.0	6.1	31.6	0.3	39.2	53.9	14.8	*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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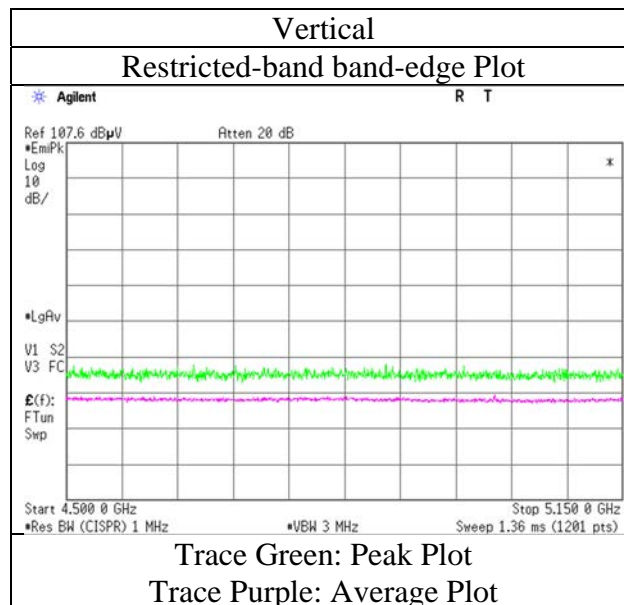
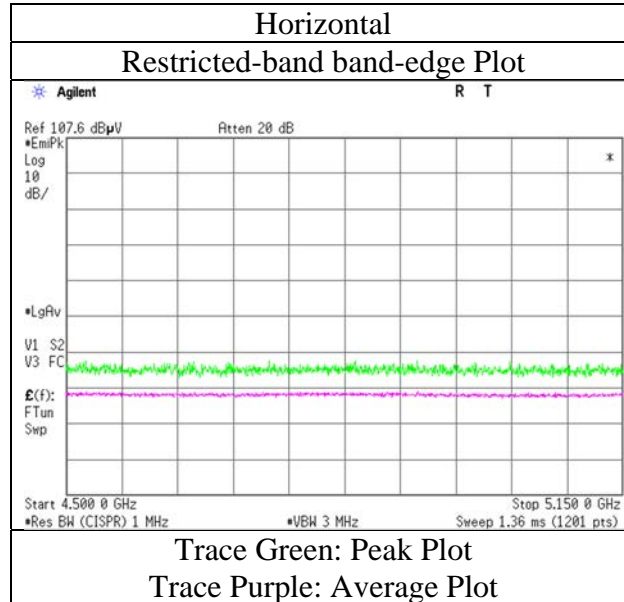
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5190 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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## 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-40 5190 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	46.6	32.0	6.1	31.6	-	53.0	73.9	20.9	
Hori.	5150.000	AV	34.7	32.0	6.1	31.6	0.3	41.3	53.9	12.6	*1)
Vert.	5150.000	PK	45.6	32.0	6.1	31.6	-	52.0	73.9	21.9	
Vert.	5150.000	AV	33.9	32.0	6.1	31.6	0.3	40.6	53.9	13.4	*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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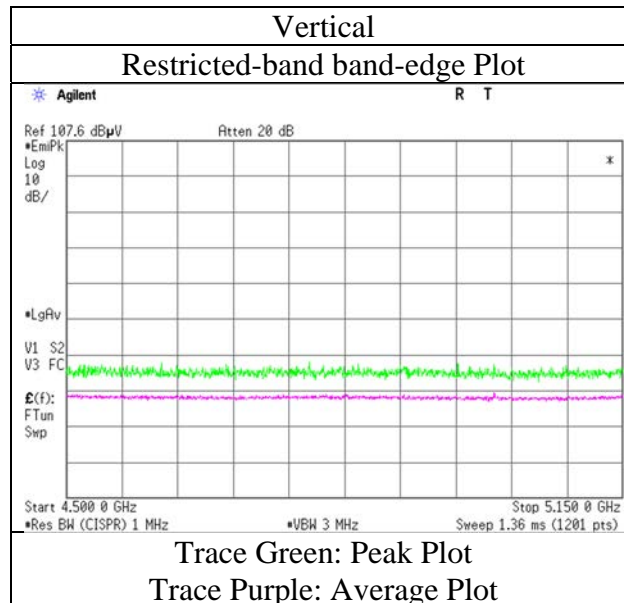
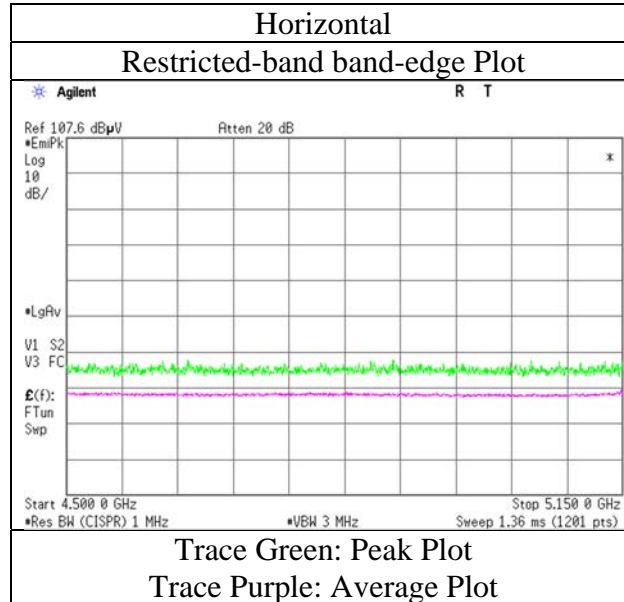
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5190 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 26, 2021  
 Temperature / Humidity 24 deg. C / 38 % RH  
 Engineer Nachi Konegawa  
 (1 GHz - 10 GHz)  
 Mode Tx 11ax-40 5310 MHz (26-tone RU)

RU Index 17

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	40.9	31.5	6.2	31.7	-	46.9	73.9	27.0	
Hori.	5350.000	AV	32.5	31.5	6.2	31.7	0.2	38.8	53.9	15.2	*1)
Vert.	5350.000	PK	41.0	31.5	6.2	31.7	-	47.0	73.9	26.9	
Vert.	5350.000	AV	32.1	31.5	6.2	31.7	0.2	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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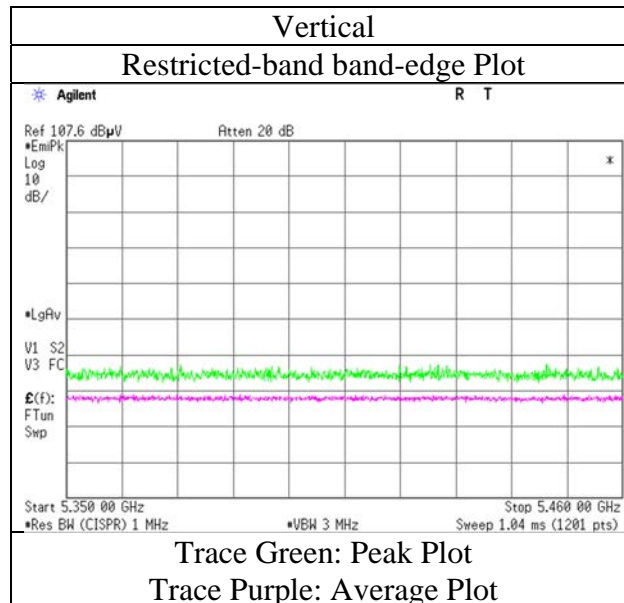
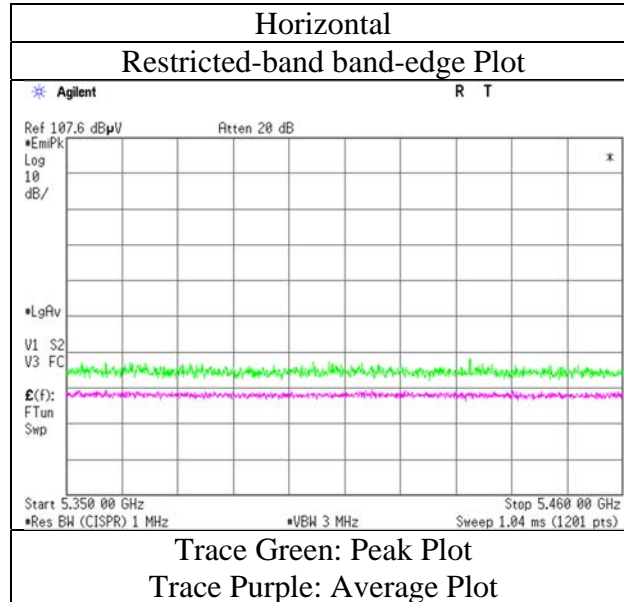
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Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5310 MHz (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.

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## 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-40 5310 MHz (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.	5350.000	PK	41.4	31.5	6.2	31.7	-	47.4	73.9	26.5	
Hori.	5350.000	AV	32.6	31.5	6.2	31.7	0.3	38.9	53.9	15.0	*1)
Vert.	5350.000	PK	41.3	31.5	6.2	31.7	-	47.3	73.9	26.7	
Vert.	5350.000	AV	32.4	31.5	6.2	31.7	0.3	38.7	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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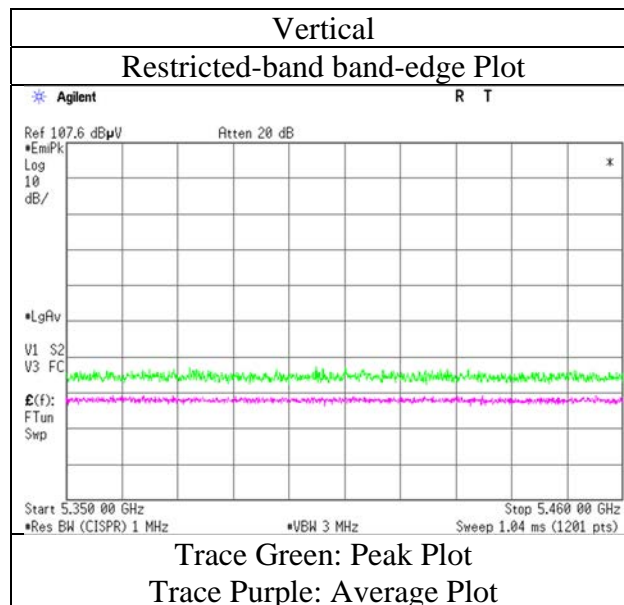
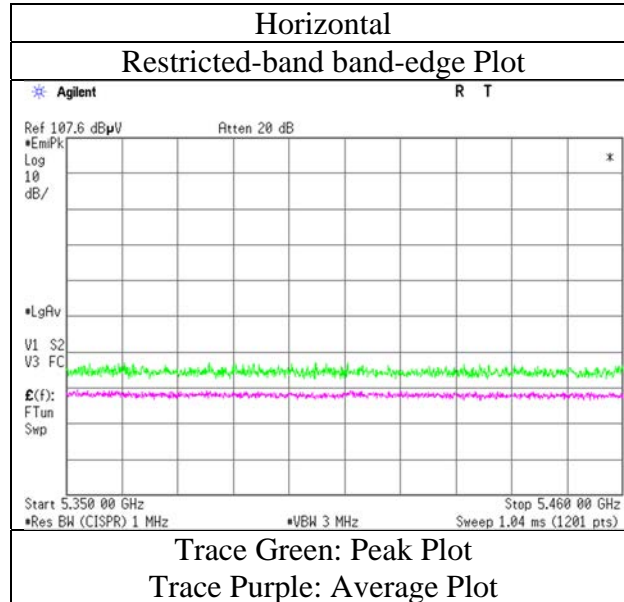
Facsimile : +81 596 24 8124



## 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-40 5310 MHz (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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## 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-40 5310 MHz (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.	5350.000	PK	42.0	31.5	6.2	31.7	-	48.0	73.9	25.9	
Hori.	5350.000	AV	33.3	31.5	6.2	31.7	0.3	39.6	53.9	14.4	*1)
Vert.	5350.000	PK	41.4	31.5	6.2	31.7	-	47.4	73.9	26.5	
Vert.	5350.000	AV	32.5	31.5	6.2	31.7	0.3	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)

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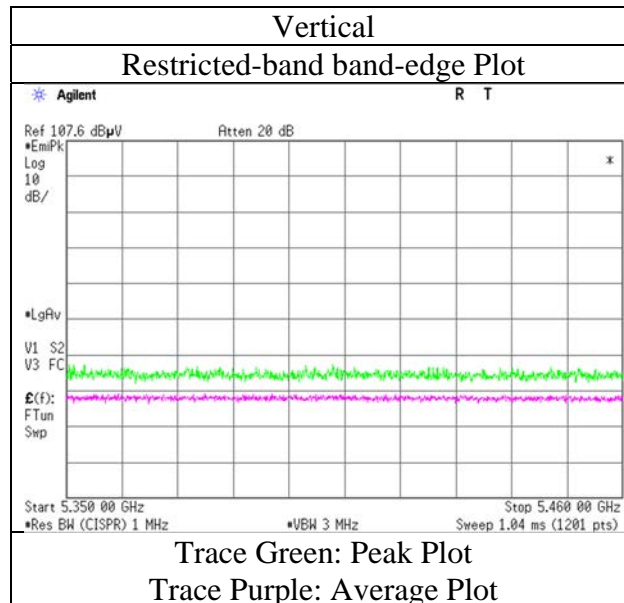
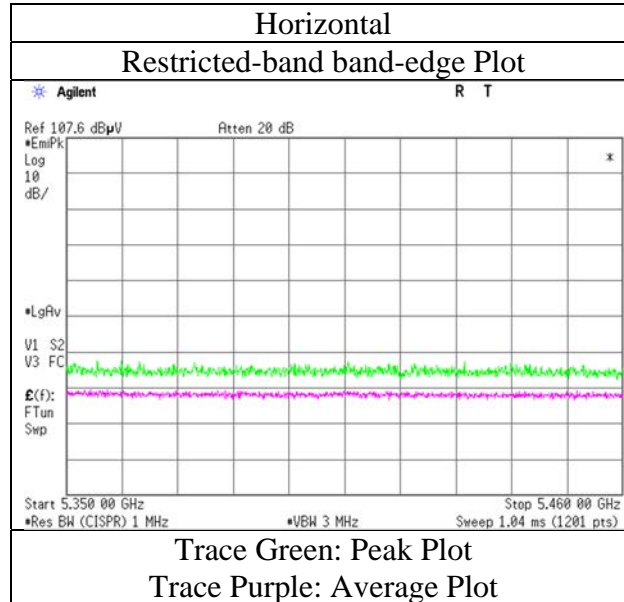
Telephone : +81 596 24 8999

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-40 5310 MHz (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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## 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-40 5310 MHz (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.	5350.000	PK	42.7	31.5	6.2	31.7	-	48.7	73.9	25.2	
Hori.	5350.000	AV	33.7	31.5	6.2	31.7	0.3	39.9	53.9	14.0	*1)
Vert.	5350.000	PK	41.9	31.5	6.2	31.7	-	47.9	73.9	26.0	
Vert.	5350.000	AV	32.8	31.5	6.2	31.7	0.3	39.1	53.9	14.9	*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)

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**Ise EMC Lab.**

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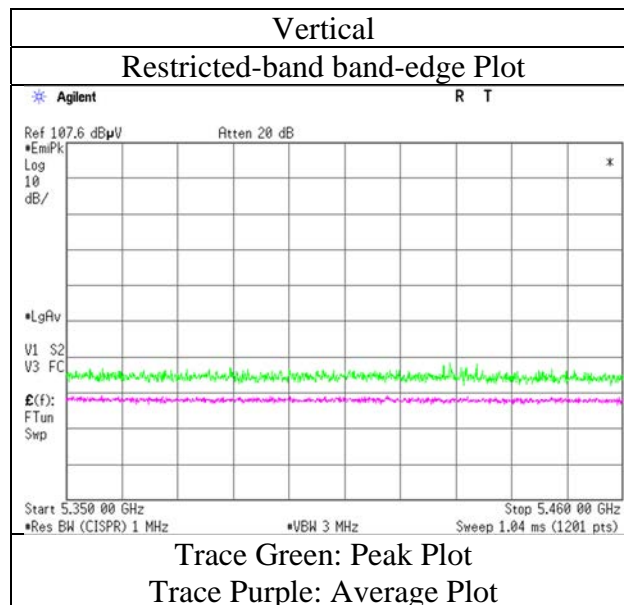
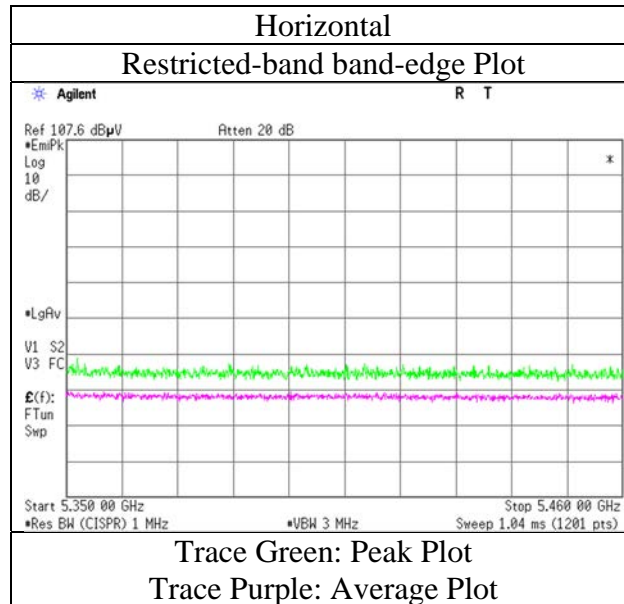
Telephone : +81 596 24 8999

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-40 5310 MHz (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 26, 2021  
 Temperature / Humidity 24 deg. C / 38 % RH  
 Engineer Nachi Konegawa  
 (1 GHz - 10 GHz)  
 Mode Tx 11ax-40 5310 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.	5350.000	PK	48.9	31.5	6.2	31.7	-	54.9	73.9	19.0	
Hori.	5350.000	AV	37.0	31.5	6.2	31.7	0.3	43.2	53.9	10.7	*1)
Vert.	5350.000	PK	48.6	31.5	6.2	31.7	-	54.6	73.9	19.3	
Vert.	5350.000	AV	35.9	31.5	6.2	31.7	0.3	42.2	53.9	11.7	*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).

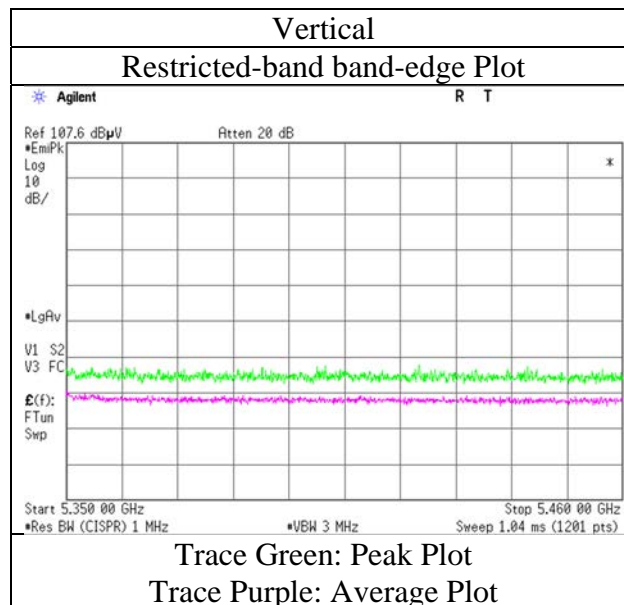
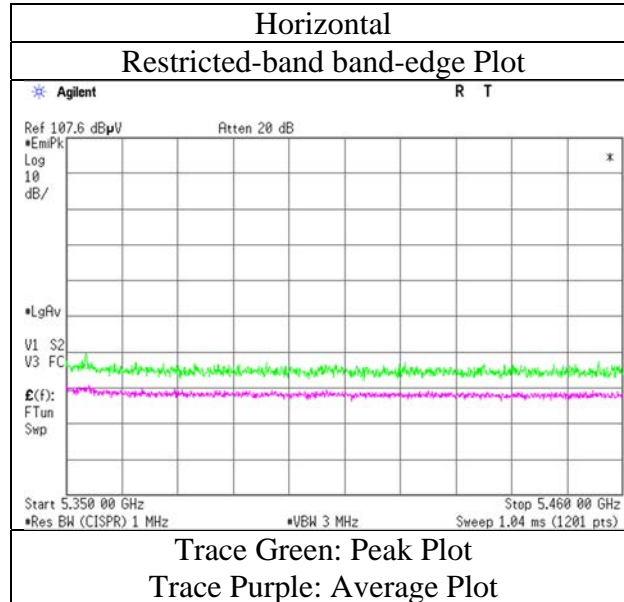
Distance factor: 1 GHz - 10 GHz  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

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

## 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-40 5310 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.1  
Date March 9, 2021  
Temperature / Humidity 22 deg. C / 30 % RH  
Engineer Takafumi Noguchi  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5510 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	-	46.5	68.2	21.7	
Hori.	5470.000	PK	44.3	31.8	6.3	35.7	-	46.7	68.2	21.5	
Hori.	5460.000	AV	34.7	31.7	6.3	35.7	0.2	37.2	53.9	16.7	*1)
Vert.	5460.000	PK	44.1	31.7	6.3	35.7	-	46.4	68.2	21.8	
Vert.	5470.000	PK	44.3	31.8	6.3	35.7	-	46.7	68.2	21.6	
Vert.	5460.000	AV	34.7	31.7	6.3	35.7	0.2	37.2	53.9	16.7	*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  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

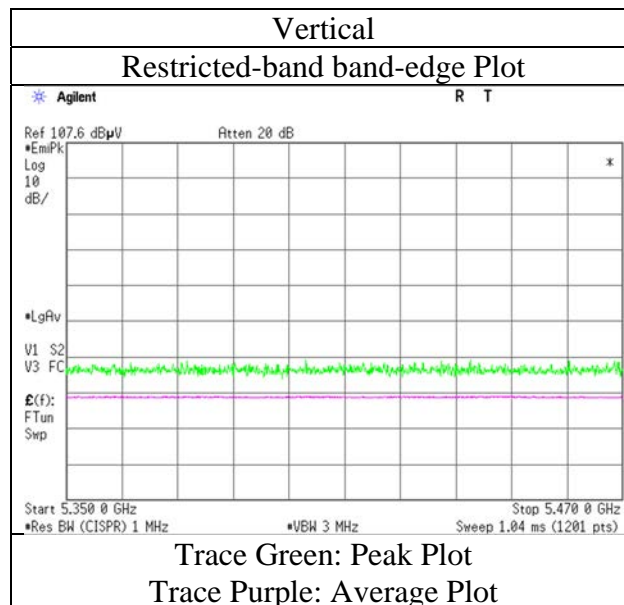
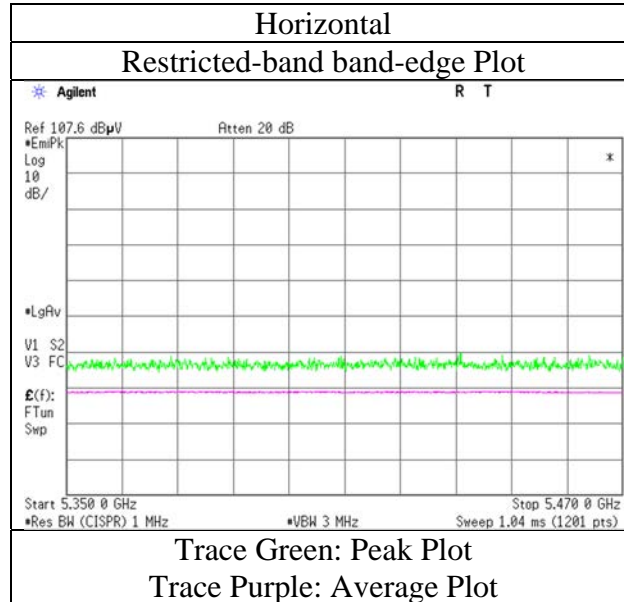
\*1) Not Out of Band emission(Leakage Power)



## 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-40 5510 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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 27, 2021  
Temperature / Humidity 20 deg. C / 42 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5510 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	40.1	31.7	6.2	31.7	-	46.3	68.2	21.9	
Hori.	5470.000	PK	40.3	31.7	6.2	31.7	-	46.5	68.2	21.7	
Hori.	5460.000	AV	31.5	31.7	6.2	31.7	0.3	37.9	53.9	16.0	*1)
Vert.	5460.000	PK	40.2	31.7	6.2	31.7	-	46.4	68.2	21.9	
Vert.	5470.000	PK	40.4	31.7	6.2	31.7	-	46.6	68.2	21.7	
Vert.	5460.000	AV	32.0	31.7	6.2	31.7	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).

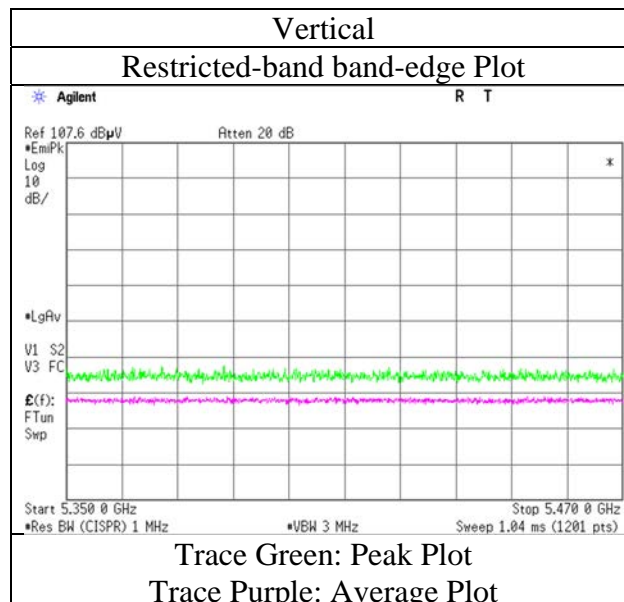
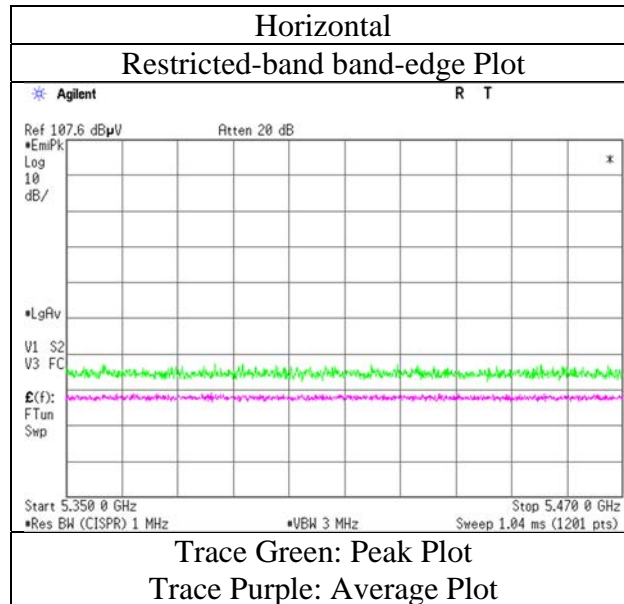
Distance factor: 1 GHz - 10 GHz  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

\*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	20 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5510 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 27, 2021  
Temperature / Humidity 20 deg. C / 42 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5510 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	39.9	31.7	6.2	31.7	-	46.1	68.2	22.1	
Hori.	5470.000	PK	40.0	31.7	6.2	31.7	-	46.2	68.2	22.0	
Hori.	5460.000	AV	31.6	31.7	6.2	31.7	0.3	38.0	53.9	15.9	*1)
Vert.	5460.000	PK	40.0	31.7	6.2	31.7	-	46.2	68.2	22.0	
Vert.	5470.000	PK	40.5	31.7	6.2	31.7	-	46.7	68.2	21.5	
Vert.	5460.000	AV	31.9	31.7	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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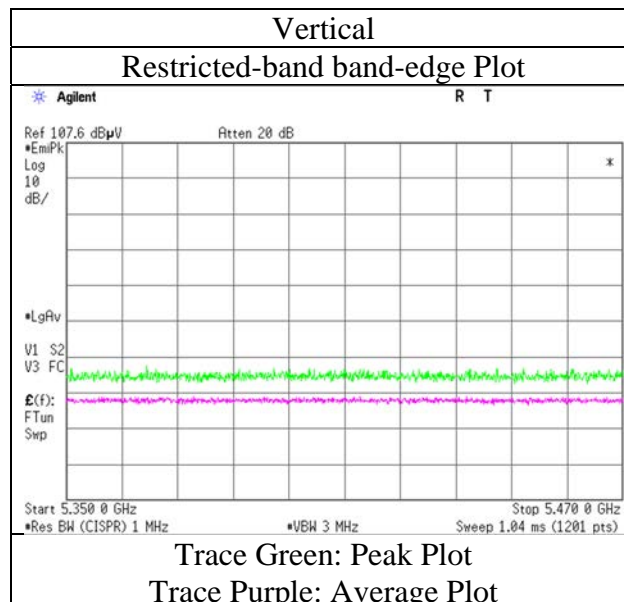
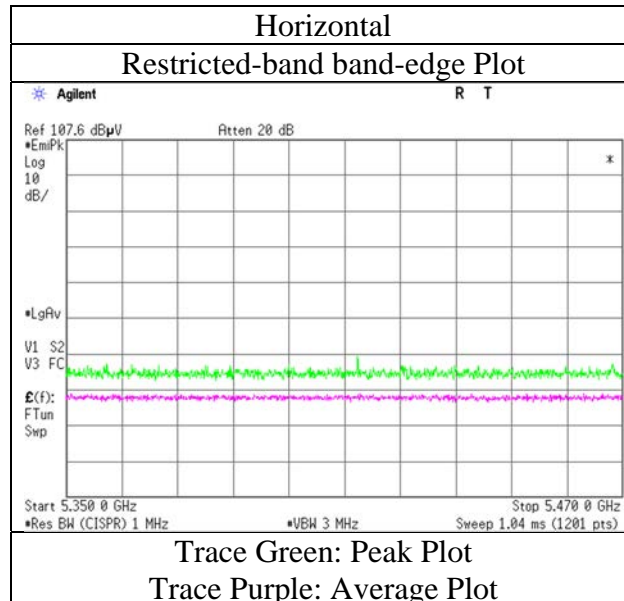
Telephone : +81 596 24 8999

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	20 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5510 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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 27, 2021  
Temperature / Humidity 20 deg. C / 42 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5510 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	39.8	31.7	6.2	31.7	-	45.9	68.2	22.3	
Hori.	5470.000	PK	40.0	31.7	6.2	31.7	-	46.2	68.2	22.0	
Hori.	5460.000	AV	31.7	31.7	6.2	31.7	0.3	38.1	53.9	15.8	*1)
Vert.	5460.000	PK	40.0	31.7	6.2	31.7	-	46.2	68.2	22.0	
Vert.	5470.000	PK	40.5	31.7	6.2	31.7	-	46.7	68.2	21.5	
Vert.	5460.000	AV	31.9	31.7	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).

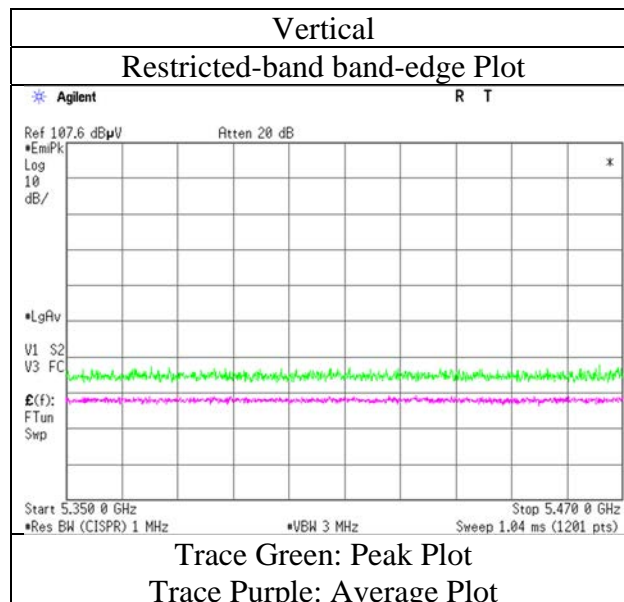
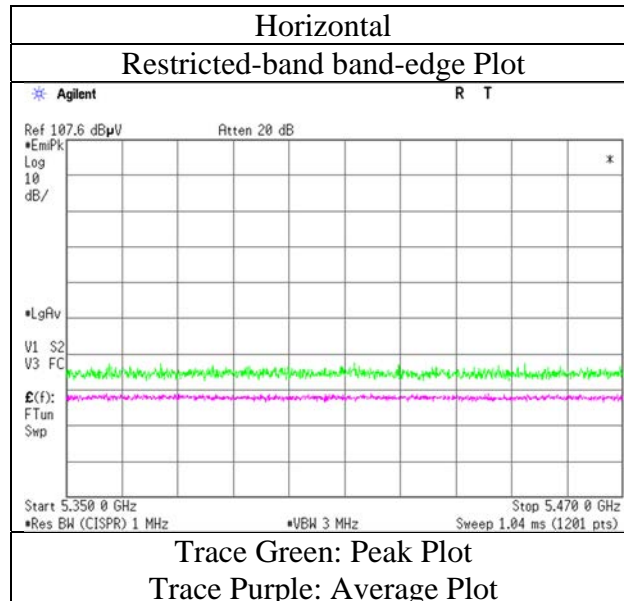
Distance factor: 1 GHz - 10 GHz  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

\*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	20 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5510 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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 27, 2021  
Temperature / Humidity 20 deg. C / 42 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5510 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	42.8	31.7	6.2	31.7	-	48.9	68.2	19.3	
Hori.	5470.000	PK	45.6	31.7	6.2	31.7	-	51.8	68.2	16.4	
Hori.	5460.000	AV	32.8	31.7	6.2	31.7	0.3	39.2	53.9	14.7	*1)
Vert.	5460.000	PK	43.2	31.7	6.2	31.7	-	49.4	68.2	18.8	
Vert.	5470.000	PK	46.7	31.7	6.2	31.7	-	52.9	68.2	15.3	
Vert.	5460.000	AV	34.2	31.7	6.2	31.7	0.3	40.7	53.9	13.2	*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  $20\log(3.95 \text{ m} / 3.0 \text{ m}) = 2.39 \text{ dB}$

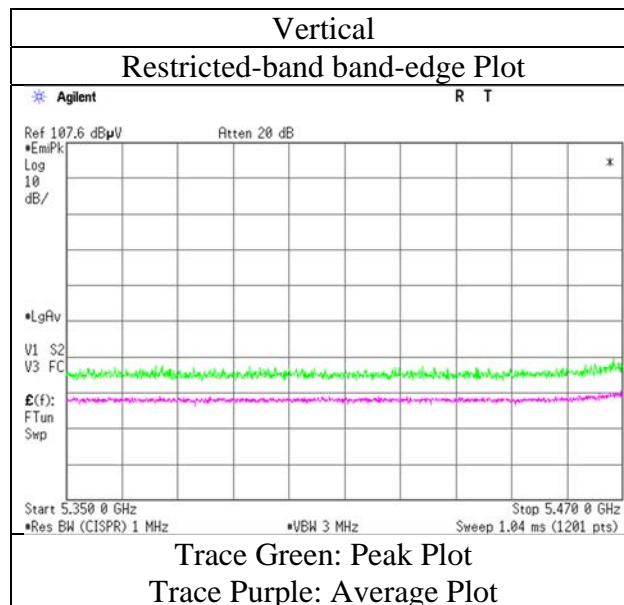
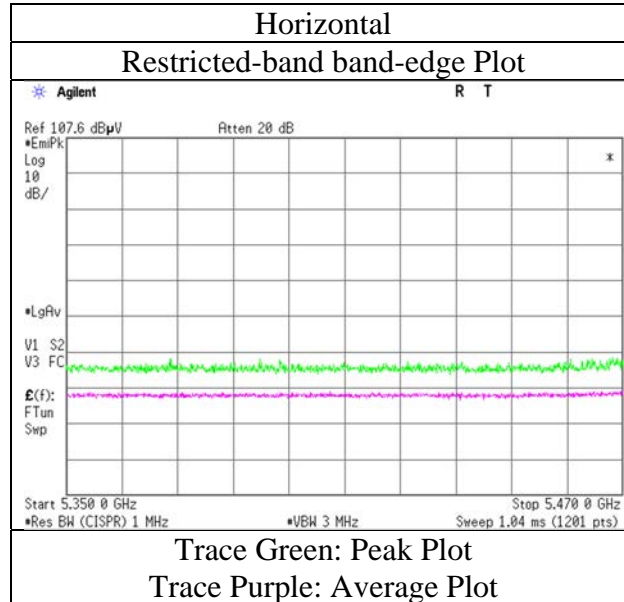
\*1) Not Out of Band emission(Leakage Power)



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	20 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5510 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 27, 2021  
 Temperature / Humidity 20 deg. C / 42 % RH  
 Engineer Takeshi Hiyaji  
 (1 GHz - 10 GHz)  
 Mode Tx 11ax-40 5670 MHz (26-tone RU)

RU Index 17

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	-	47.0	68.2	21.2	
Vert.	5725.000	PK	40.7	32.0	6.3	31.8	-	47.2	68.2	21.0	

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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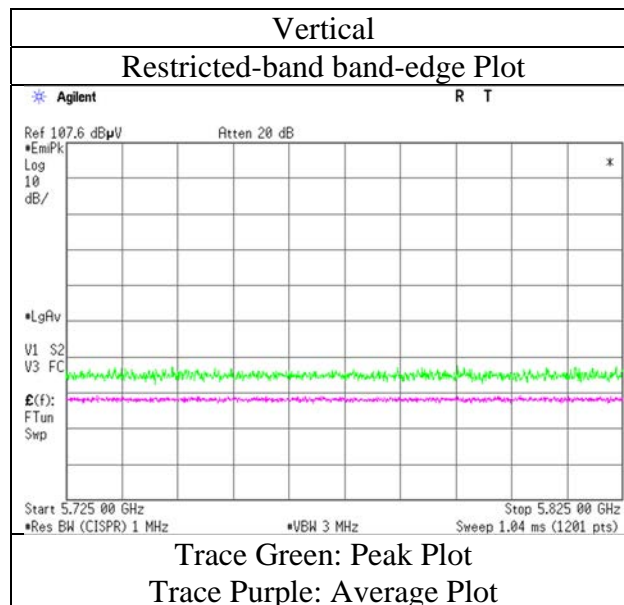
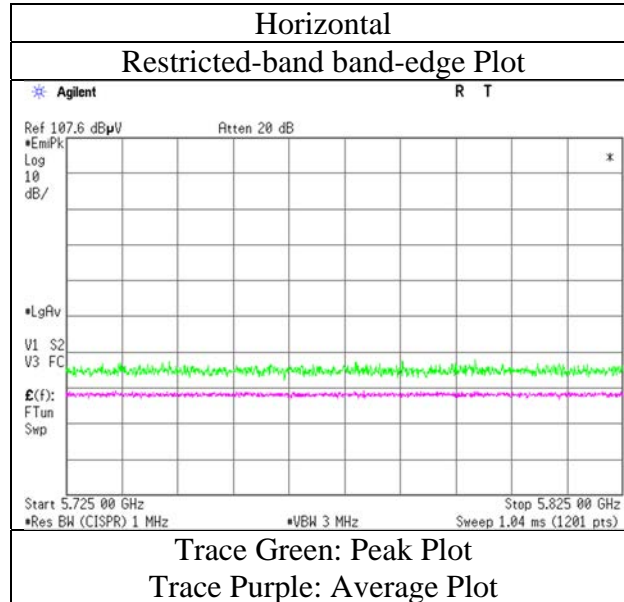
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 MHz (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.

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**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 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5670 MHz (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.	5725.000	PK	40.5	32.0	6.3	31.8	-	46.9	68.2	21.3	
Vert.	5725.000	PK	40.6	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  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$

**UL Japan, Inc.**

**Ise EMC Lab.**

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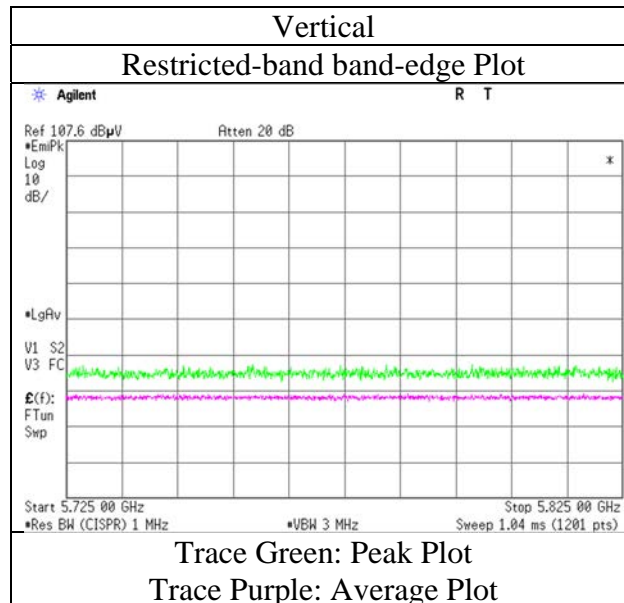
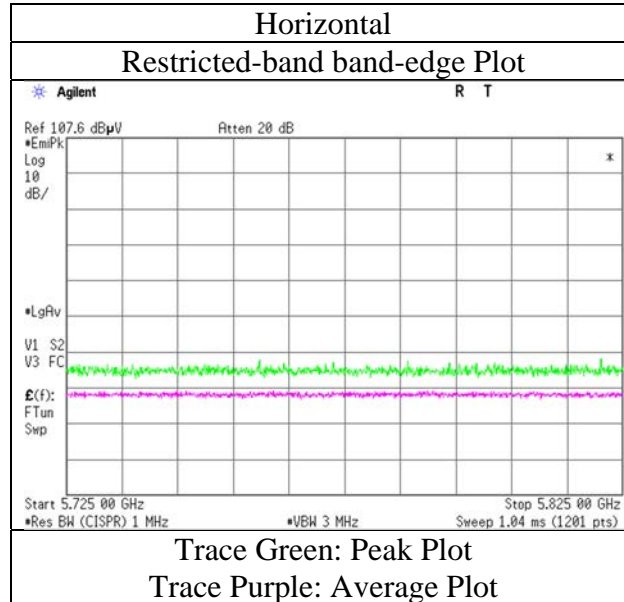
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 MHz (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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5670 MHz (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.	5725.000	PK	40.0	32.0	6.3	31.8	-	46.5	68.2	21.7	
Vert.	5725.000	PK	40.4	32.0	6.3	31.8	-	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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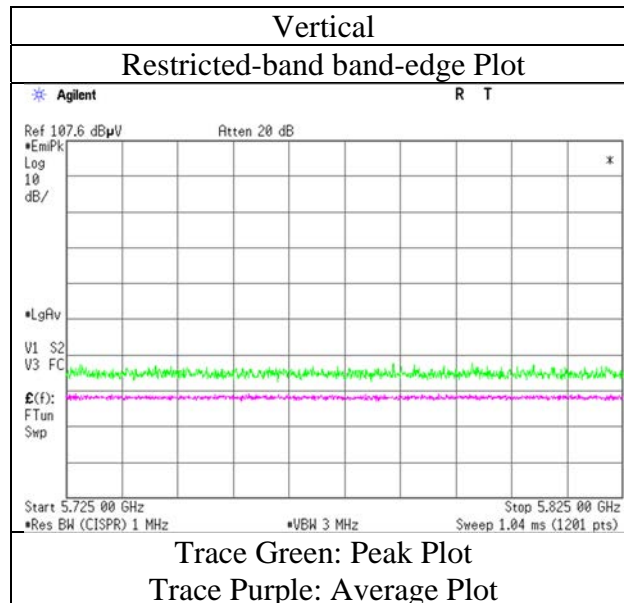
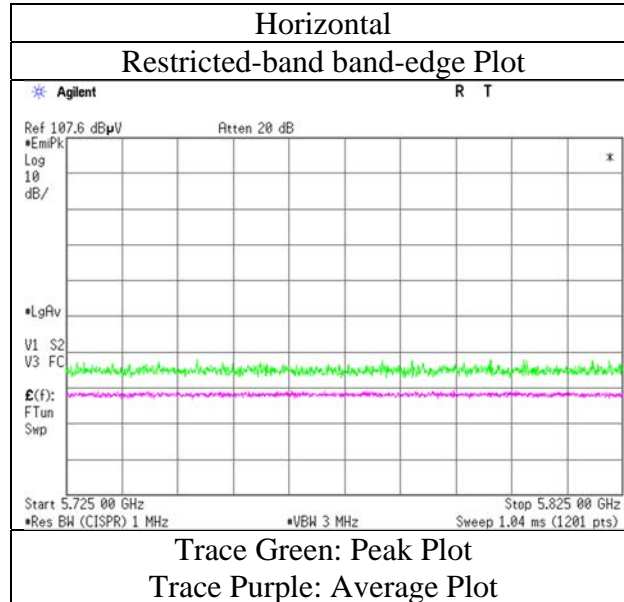
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 MHz (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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## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5670 MHz (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.	5725.000	PK	40.3	32.0	6.3	31.8	-	46.8	68.2	21.5	
Vert.	5725.000	PK	41.1	32.0	6.3	31.8	-	47.5	68.2	20.7	

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

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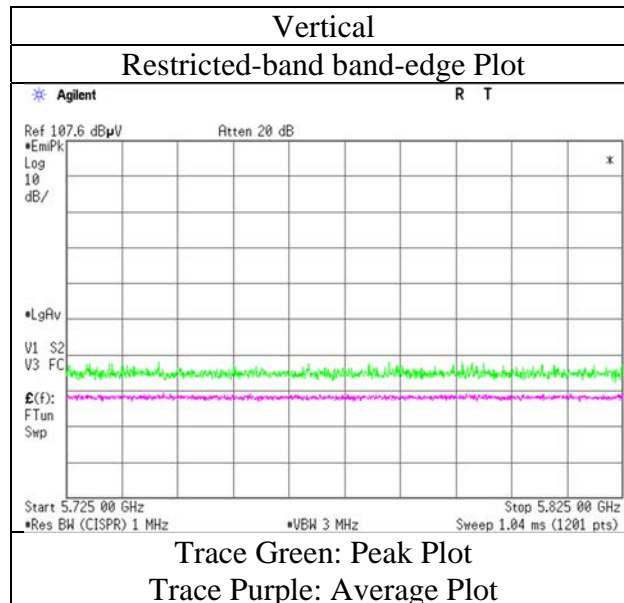
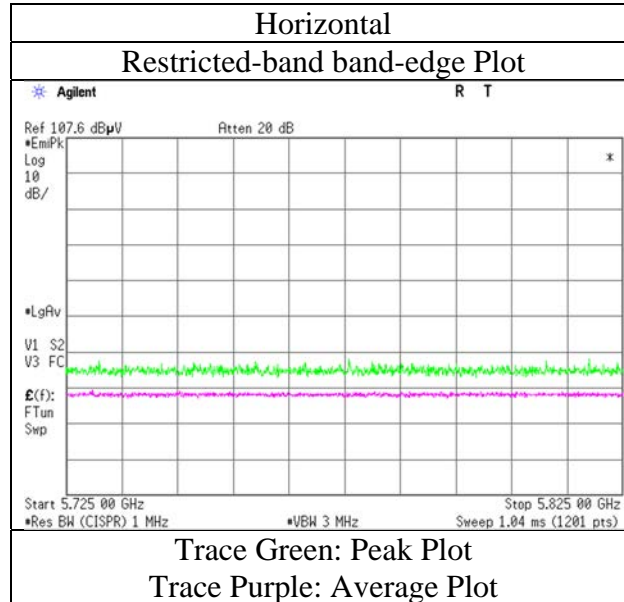
Facsimile : +81 596 24 8124



## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 MHz (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.

## Radiated Spurious Emission

Report No. 13671144H  
Test place Ise EMC Lab.  
Semi Anechoic Chamber No.3  
Date January 26, 2021  
Temperature / Humidity 23 deg. C / 36 % RH  
Engineer Takeshi Hiyaji  
(1 GHz - 10 GHz)  
Mode Tx 11ax-40 5670 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.	5725.000	PK	40.7	32.0	6.3	31.8	-	47.2	68.2	21.0	
Vert.	5725.000	PK	41.8	32.0	6.3	31.8	-	48.2	68.2	20.0	

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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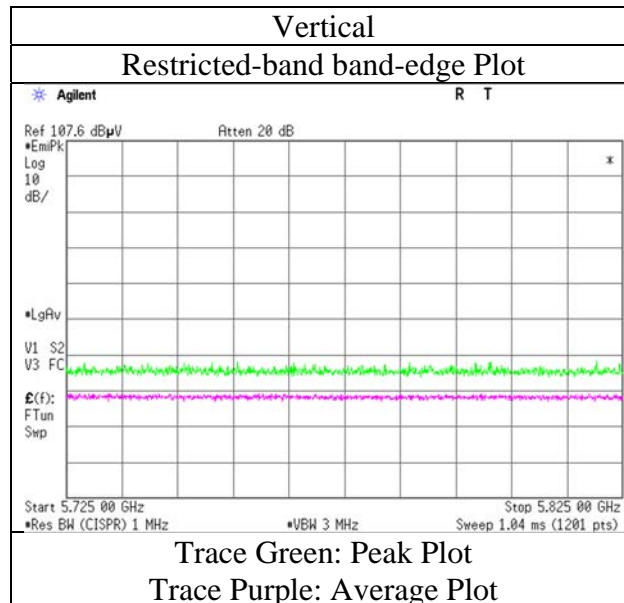
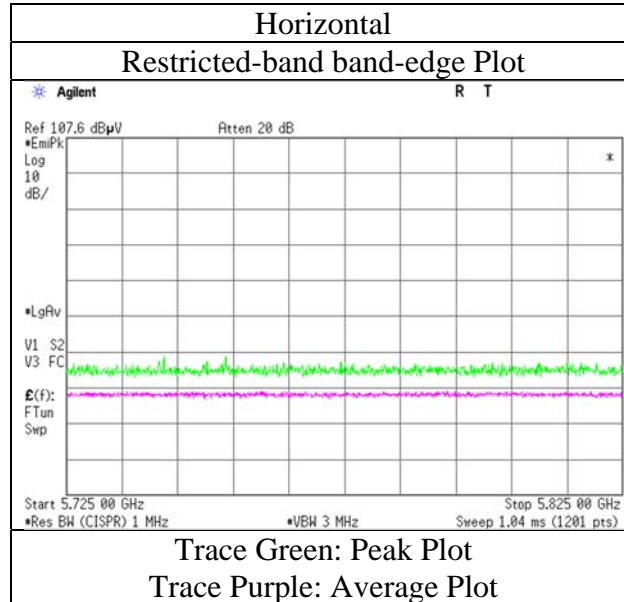
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 26, 2021
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Takeshi Hiyaji
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 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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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 5755 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	40.3	31.7	6.3	31.8	-	46.5	68.2	21.7	
Hori.	5700.000	PK	40.4	31.8	6.3	31.8	-	46.7	105.2	58.5	
Hori.	5720.000	PK	41.1	31.9	6.3	31.8	-	47.6	110.8	63.3	
Hori.	5725.000	PK	41.8	32.0	6.3	31.8	-	48.2	122.2	74.0	
Vert.	5650.000	PK	40.3	31.7	6.3	31.8	-	46.4	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	41.5	31.9	6.3	31.8	-	47.9	110.8	62.9	
Vert.	5725.000	PK	41.6	32.0	6.3	31.8	-	48.1	122.2	74.1	

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

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**Ise EMC Lab.**

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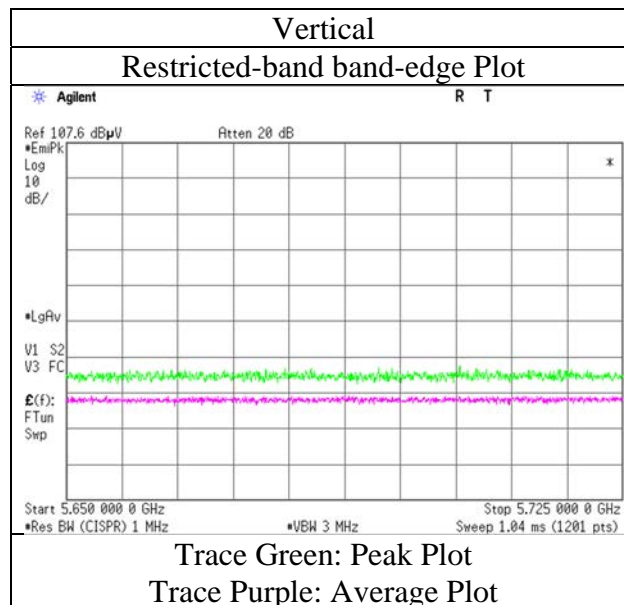
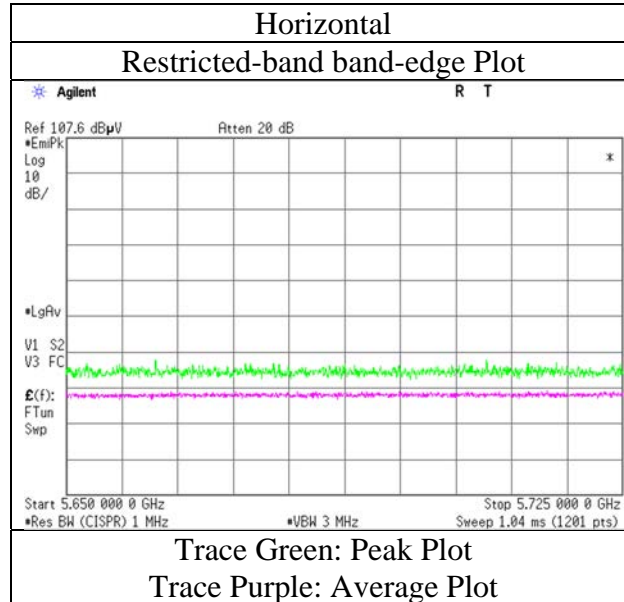
Telephone : +81 596 24 8999

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-40 5755 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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**Ise EMC Lab.**

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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 5755 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	40.4	31.7	6.3	31.8	-	46.5	68.2	21.7	
Hori.	5700.000	PK	40.5	31.8	6.3	31.8	-	46.8	105.2	58.4	
Hori.	5720.000	PK	41.5	31.9	6.3	31.8	-	47.9	110.8	62.9	
Hori.	5725.000	PK	42.5	32.0	6.3	31.8	-	48.9	122.2	73.3	
Vert.	5650.000	PK	40.4	31.7	6.3	31.8	-	46.5	68.2	21.7	
Vert.	5700.000	PK	40.8	31.8	6.3	31.8	-	47.1	105.2	58.1	
Vert.	5720.000	PK	41.5	31.9	6.3	31.8	-	47.9	110.8	62.9	
Vert.	5725.000	PK	41.9	32.0	6.3	31.8	-	48.3	122.2	73.9	

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

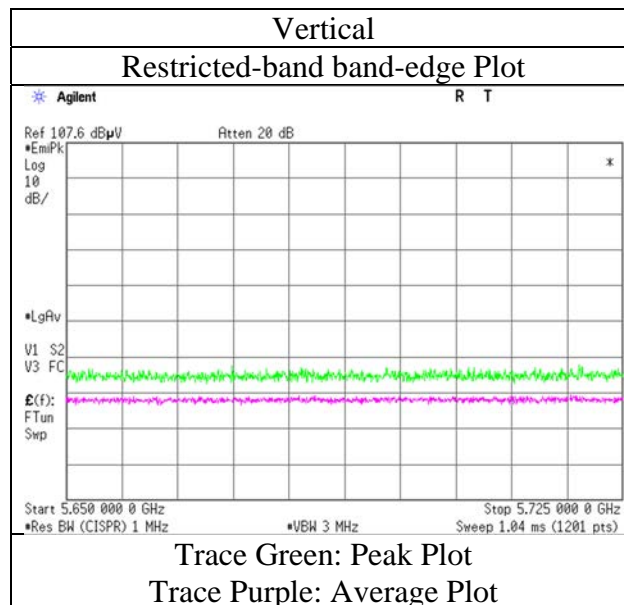
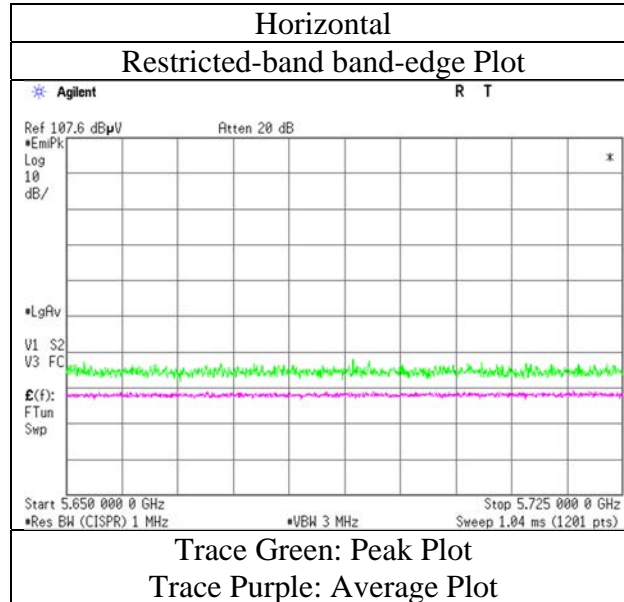
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 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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**Ise EMC Lab.**

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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 5755 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	40.5	31.7	6.3	31.8	-	46.6	68.2	21.6	
Hori.	5700.000	PK	40.8	31.8	6.3	31.8	-	47.1	105.2	58.1	
Hori.	5720.000	PK	41.6	31.9	6.3	31.8	-	48.0	110.8	62.8	
Hori.	5725.000	PK	44.6	32.0	6.3	31.8	-	51.1	122.2	71.1	
Vert.	5650.000	PK	40.5	31.7	6.3	31.8	-	46.7	68.2	21.5	
Vert.	5700.000	PK	41.0	31.8	6.3	31.8	-	47.3	105.2	57.9	
Vert.	5720.000	PK	41.7	31.9	6.3	31.8	-	48.1	110.8	62.7	
Vert.	5725.000	PK	42.1	32.0	6.3	31.8	-	48.6	122.2	73.6	

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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**Ise EMC Lab.**

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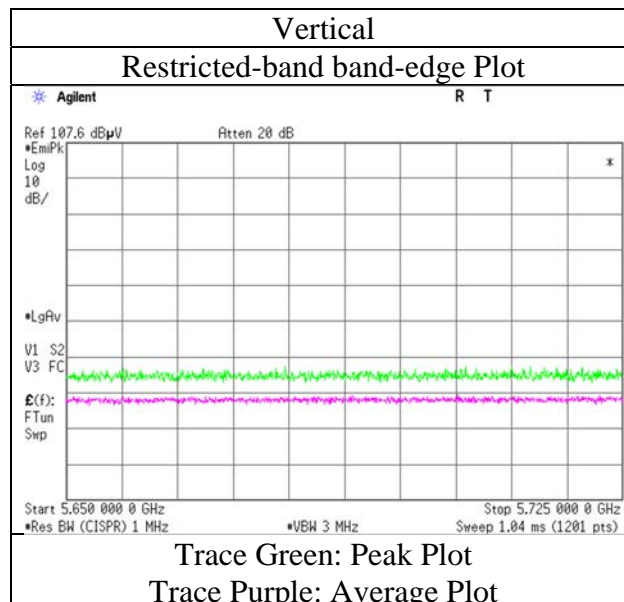
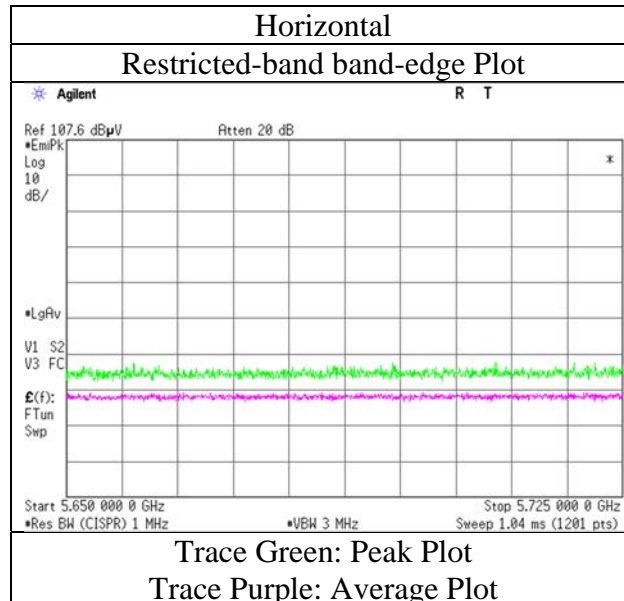
Facsimile : +81 596 24 8124



## 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 5755 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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## 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 5755 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	40.7	31.7	6.3	31.8	-	46.8	68.2	21.4	
Hori.	5700.000	PK	40.8	31.8	6.3	31.8	-	47.1	105.2	58.1	
Hori.	5720.000	PK	43.9	31.9	6.3	31.8	-	50.3	110.8	60.5	
Hori.	5725.000	PK	53.9	32.0	6.3	31.8	-	60.4	122.2	61.8	
Vert.	5650.000	PK	40.8	31.7	6.3	31.8	-	46.9	68.2	21.3	
Vert.	5700.000	PK	41.1	31.8	6.3	31.8	-	47.4	105.2	57.8	
Vert.	5720.000	PK	42.5	31.9	6.3	31.8	-	48.9	110.8	61.9	
Vert.	5725.000	PK	47.3	32.0	6.3	31.8	-	53.8	122.2	68.5	

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

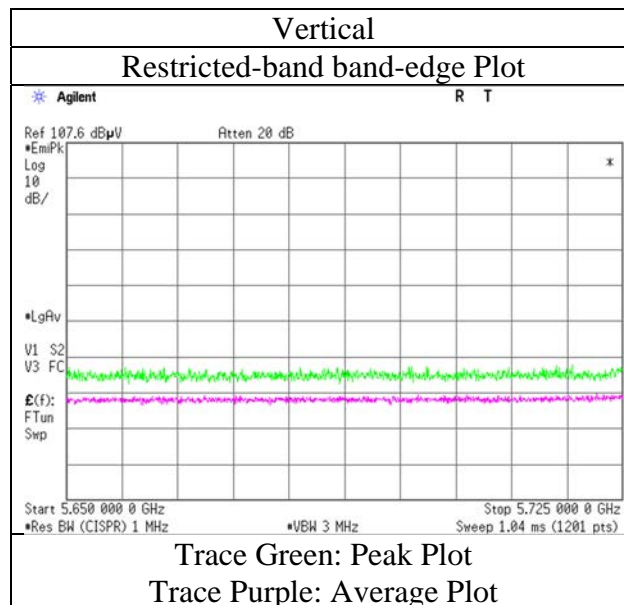
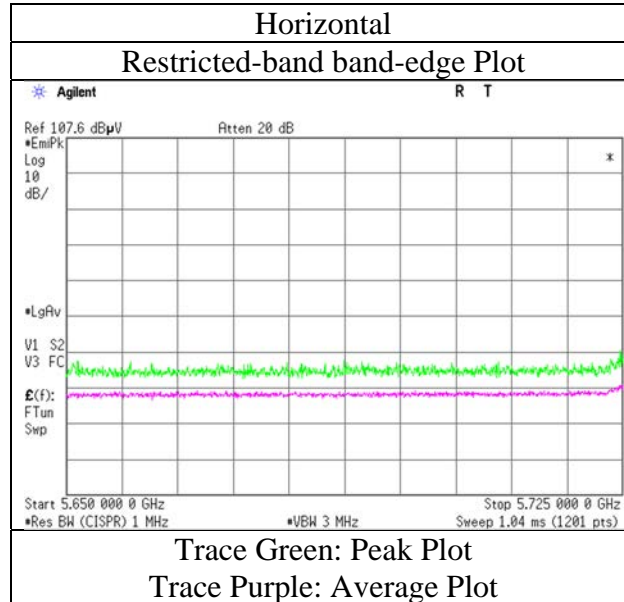
\*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

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

## 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 5755 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.**

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 27, 2021  
 Temperature / Humidity 23 deg. C / 39 % RH  
 Engineer Nachi Konegawa  
 (1 GHz - 10 GHz)  
 Mode Tx 11ax-40 5755 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	40.9	31.7	6.3	31.8	-	47.0	68.2	21.2	
Hori.	5700.000	PK	41.3	31.8	6.3	31.8	-	47.6	105.2	57.6	
Hori.	5720.000	PK	49.7	31.9	6.3	31.8	-	56.1	110.8	54.7	
Hori.	5725.000	PK	54.6	32.0	6.3	31.8	-	61.0	122.2	61.2	
Vert.	5650.000	PK	40.9	31.7	6.3	31.8	-	47.1	68.2	21.2	
Vert.	5700.000	PK	41.3	31.8	6.3	31.8	-	47.6	105.2	57.6	
Vert.	5720.000	PK	50.5	31.9	6.3	31.8	-	56.9	110.8	53.9	
Vert.	5725.000	PK	54.7	32.0	6.3	31.8	-	61.1	122.2	61.1	

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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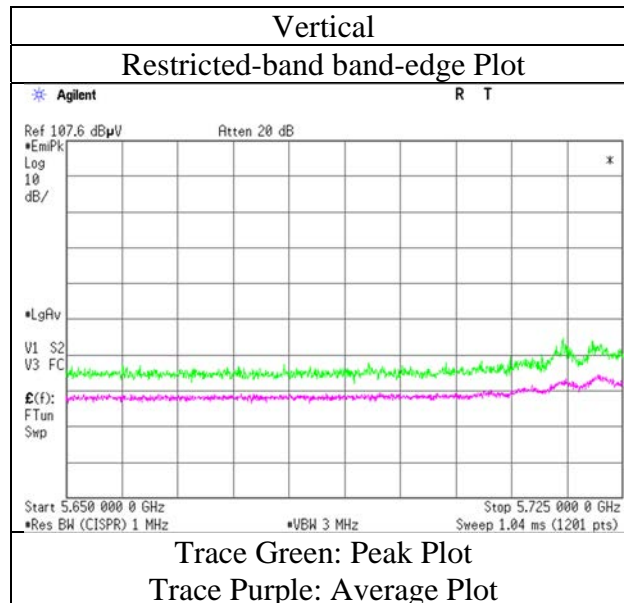
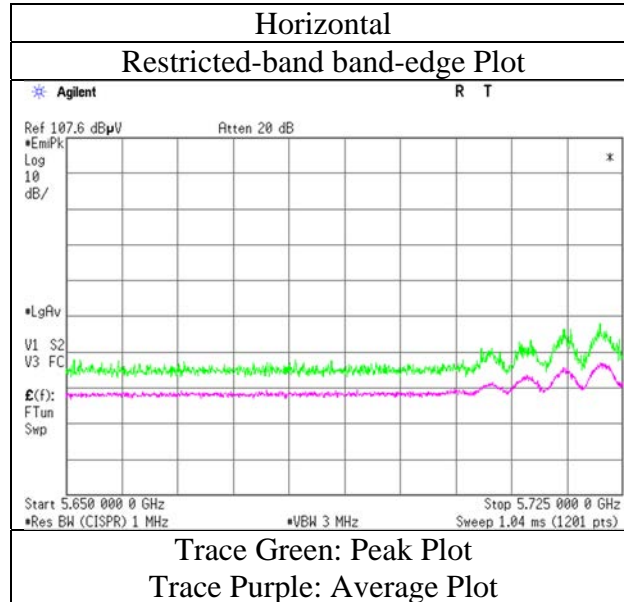
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

## Radiated Spurious Emission

Report No.	13671144H
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2021
Temperature / Humidity	23 deg. C / 39 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 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.**

**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 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

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	40.2	32.3	6.4	31.8	-	47.1	105.2	58.1	
Hori.	5925.000	PK	40.1	32.4	6.4	31.9	-	46.9	68.2	21.3	
Vert.	5850.000	PK	40.6	32.3	6.4	31.8	-	47.4	122.2	74.8	
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  $20\log(3.95\text{ m} / 3.0\text{ m}) = 2.39\text{ dB}$