

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

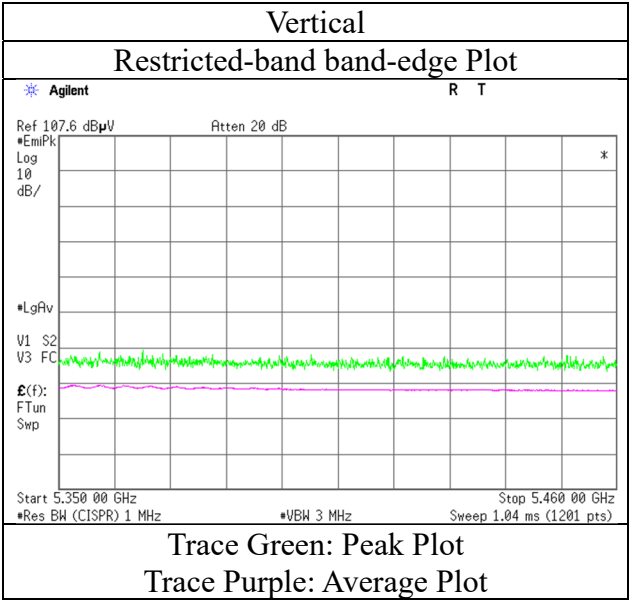
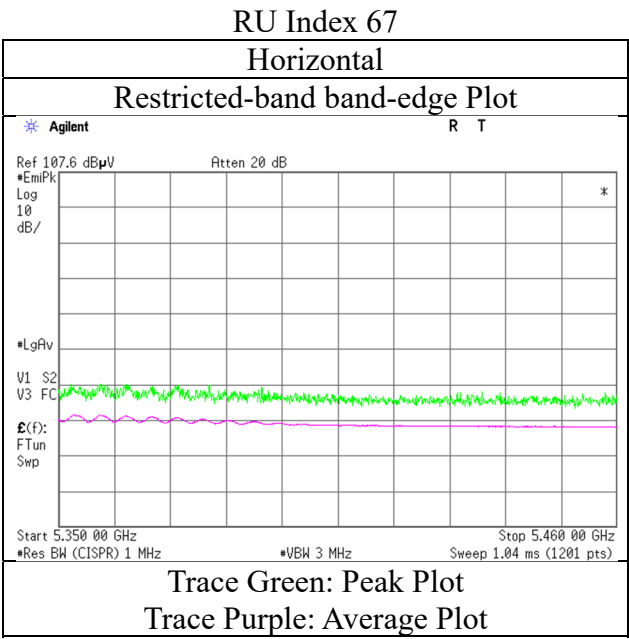
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5290 MHz (996-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (26-tone RU)

RU Index 0

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5460.0	41.2	32.1	31.9	6.2	31.7	0.3	47.6	38.8	68.2	53.9	20.6	15.1	*1)
Hori.	5470.0	40.9	-	31.9	6.2	31.7	-	47.3	-	68.2	-	20.9	-	
Vert.	5460.0	40.6	32.0	31.9	6.2	31.7	0.3	47.0	38.7	68.2	53.9	21.2	15.2	*1)
Vert.	5470.0	40.4	-	31.9	6.2	31.7	-	46.8	-	68.2	-	21.4	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

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

Distance factor:	1 GHz - 10 GHz	$20\log(3.9 \text{ m} / 3.0 \text{ m}) = 2.28 \text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0 \text{ m} / 3.0 \text{ m}) = -9.5 \text{ dB}$

Radiated Spurious Emission

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Ise EMC Lab.

No.3

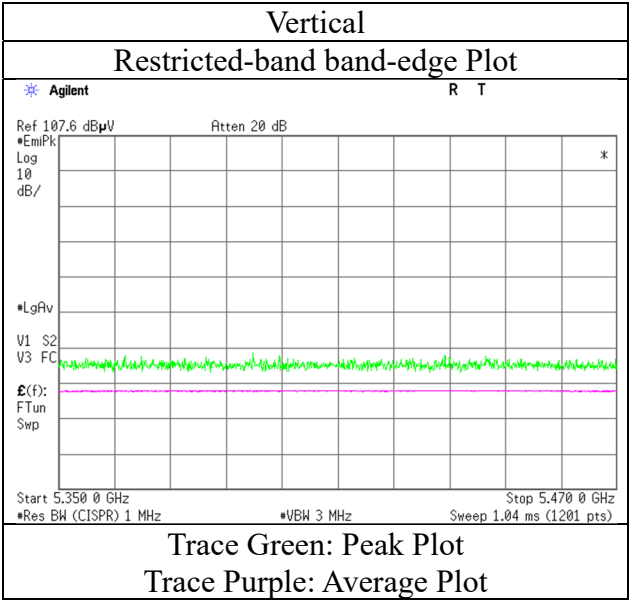
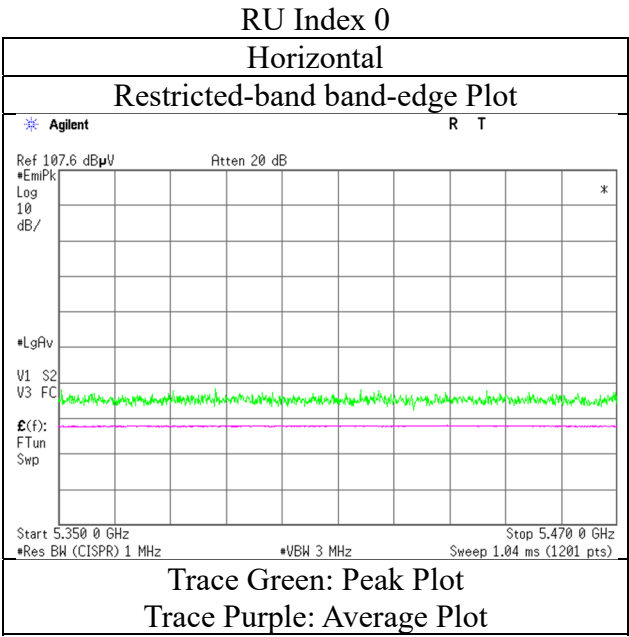
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5530 MHz (26-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (52-tone RU)

RU Index 37

Polarity [Hori/Vert.]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5460.0	41.2	32.1	31.9	6.2	31.7	0.3	47.6	38.8	68.2	53.9	20.6	15.1	*1)
Hori.	5470.0	43.5	-	31.9	6.2	31.7	-	50.0	-	68.2	-	18.2	-	
Vert.	5460.0	40.5	32.0	31.9	6.2	31.7	0.3	46.9	38.7	68.2	53.9	21.3	15.2	*1)
Vert.	5470.0	41.0	-	31.9	6.2	31.7	-	47.5	-	68.2	-	20.7	-	

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

Result (AV)= 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).

*QP detector was used up to 1GHz.

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

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

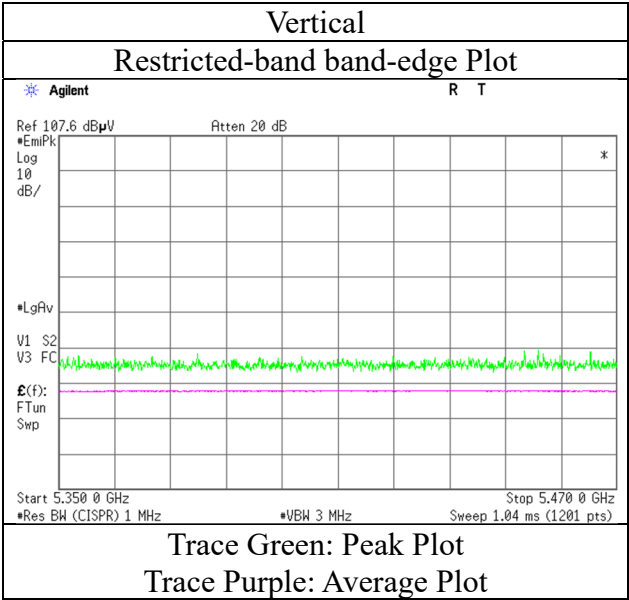
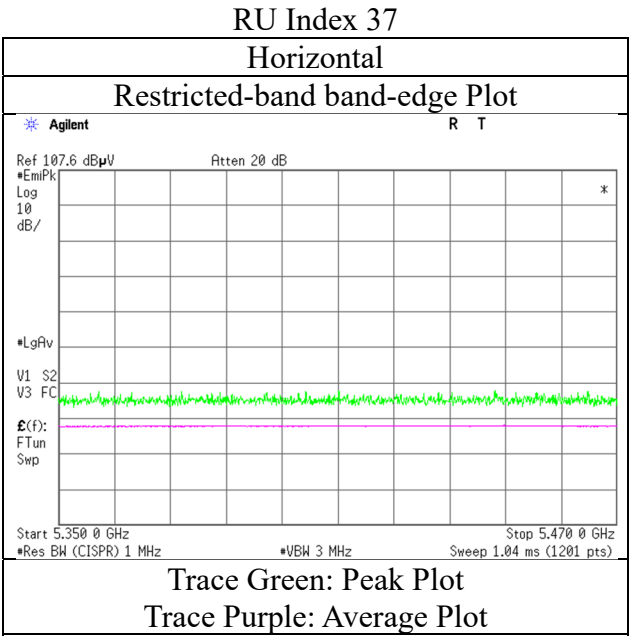
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5530 MHz (52-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (106-tone RU)

RU Index 53

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5460.0	40.8	32.4	31.9	6.2	31.7	0.3	47.3	39.1	68.2	53.9	21.0	14.9	*1)
Hori.	5470.0	41.3	-	31.9	6.2	31.7	-	47.8	-	68.2	-	20.4	-	
Vert.	5460.0	40.9	32.3	31.9	6.2	31.7	0.3	47.3	39.0	68.2	53.9	20.9	14.9	*1)
Vert.	5470.0	41.2	-	31.9	6.2	31.7	-	47.6	-	68.2	-	20.6	-	

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

Result (AV)= 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).

*QP detector was used up to 1GHz.

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

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

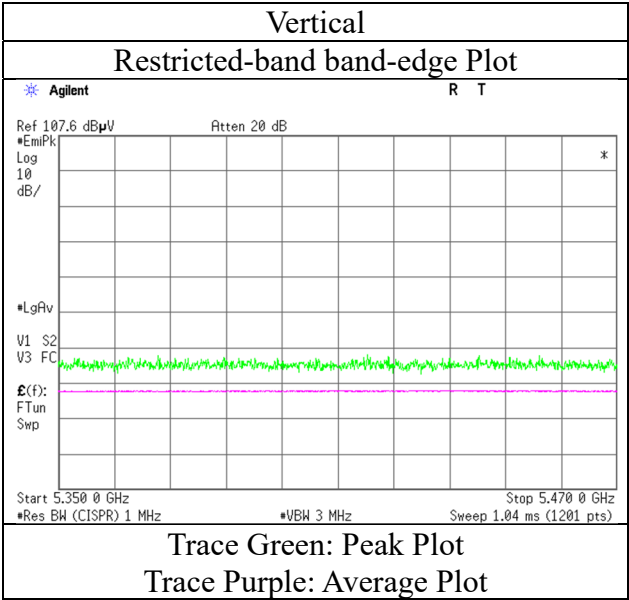
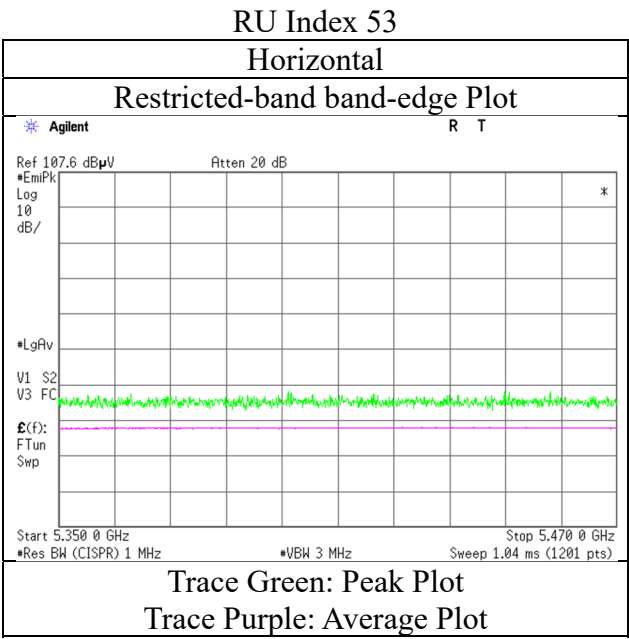
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5530 MHz (106-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (242-tone RU)

RU Index 61

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5460.0	41.0	33.2	31.9	6.2	31.7	0.3	47.5	39.9	68.2	53.9	20.7	14.0	*1)
Hori.	5470.0	42.1	-	31.9	6.2	31.7	-	48.6	-	68.2	-	19.6	-	
Vert.	5460.0	40.9	32.5	31.9	6.2	31.7	0.3	47.4	39.2	68.2	53.9	20.8	14.7	*1)
Vert.	5470.0	41.3	-	31.9	6.2	31.7	-	47.8	-	68.2	-	20.4	-	

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

Result (AV)= 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).

*QP detector was used up to 1GHz.

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

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

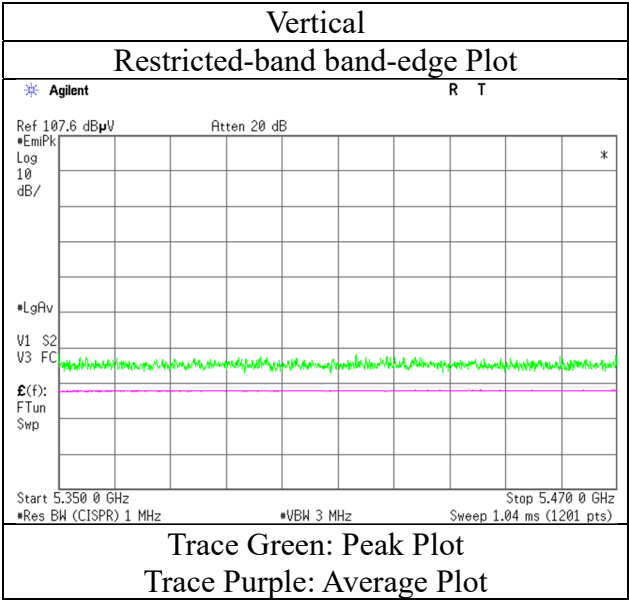
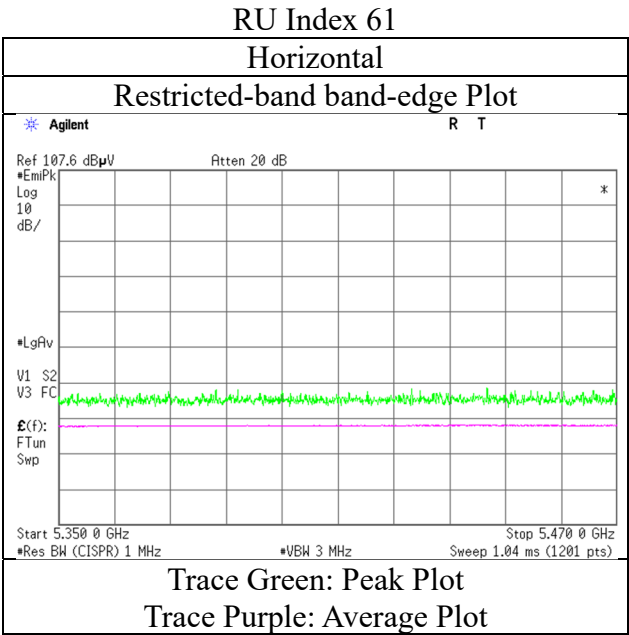
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5530 MHz (242-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (484-tone RU)

RU Index 65

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5460.0	41.8	34.1	31.9	6.2	31.7	0.2	48.3	40.7	68.2	53.9	20.0	13.2	*1)
Hori.	5470.0	42.4	-	31.9	6.2	31.7	-	48.8	-	68.2	-	19.4	-	
Vert.	5460.0	40.9	32.8	31.9	6.2	31.7	0.2	47.3	39.5	68.2	53.9	20.9	14.4	*1)
Vert.	5470.0	41.9	-	31.9	6.2	31.7	-	48.3	-	68.2	-	19.9	-	

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

Result (AV)= 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).

*QP detector was used up to 1GHz.

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

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

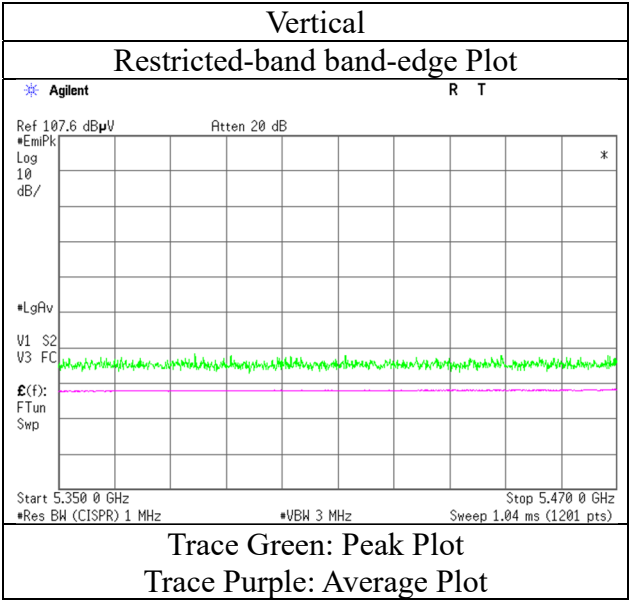
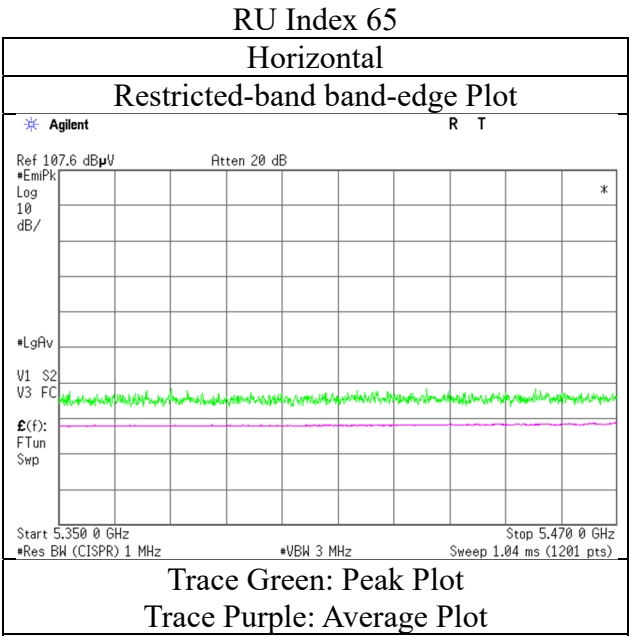
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5530 MHz (484-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (996-tone RU)

RU Index 67

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5460.0	47.8	38.4	31.9	6.2	31.7	0.2	54.2	45.0	68.2	53.9	14.0	8.9	*1)
Hori.	5470.0	48.7	-	31.9	6.2	31.7	-	55.2	-	68.2	-	13.0	-	
Vert.	5460.0	44.0	35.3	31.9	6.2	31.7	0.2	50.5	42.0	68.2	53.9	17.7	11.9	*1)
Vert.	5470.0	44.1	-	31.9	6.2	31.7	-	50.6	-	68.2	-	17.6	-	

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

Result (AV)= 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).

*QP detector was used up to 1GHz.

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

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

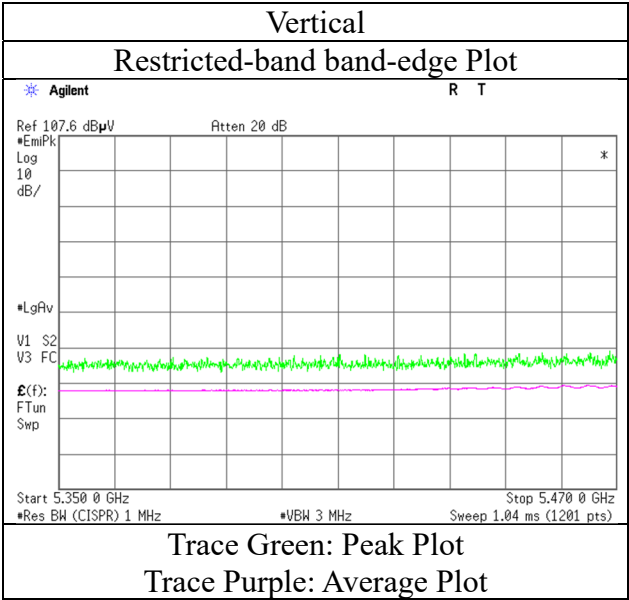
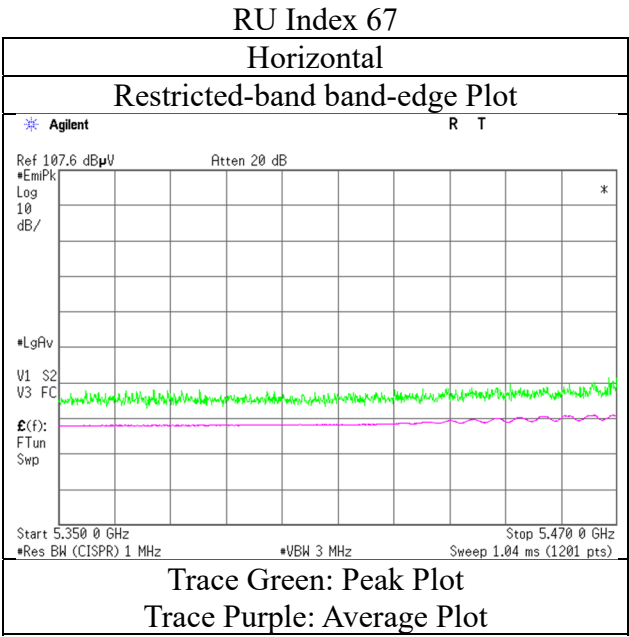
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5530 MHz (996-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (26-tone RU)

RU Index 36

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5725.0	40.2	-	32.1	6.3	31.7	-	47.0	-	68.2	-	21.2	-	
Vert.	5725.0	40.3	-	32.1	6.3	31.7	-	47.0	-	68.2	-	21.2	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

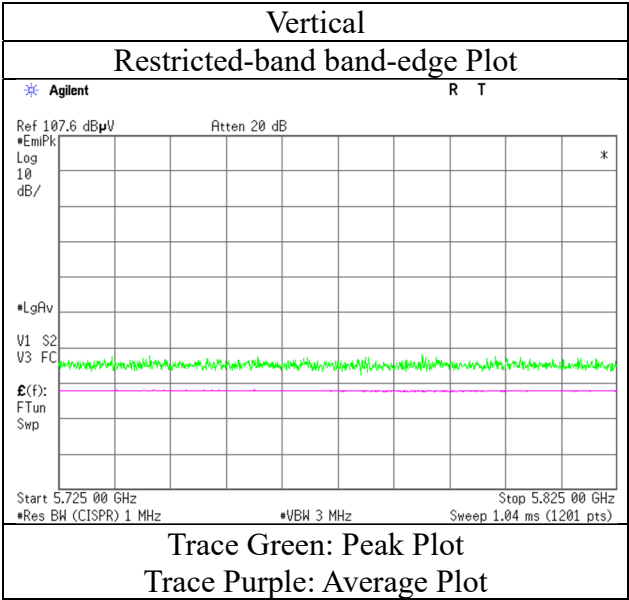
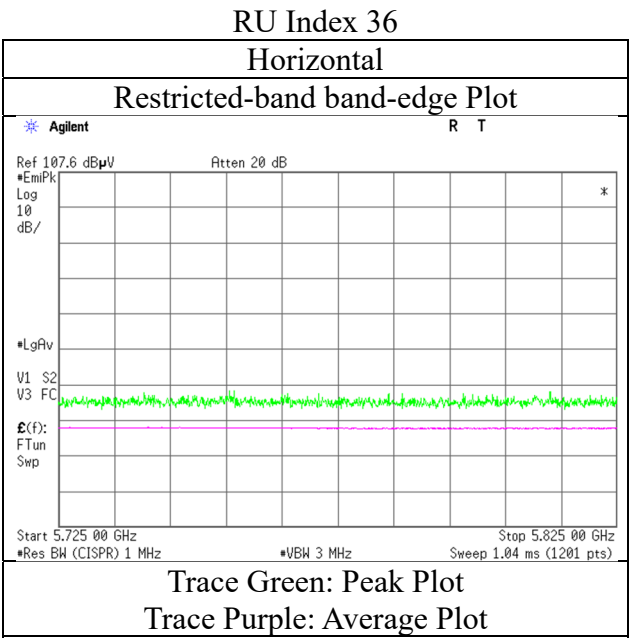
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5610 MHz (26-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (52-tone RU)

RU Index 52

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5725.0	40.7	-	32.1	6.3	31.7	-	47.5	-	68.2	-	20.7	-	
Vert.	5725.0	41.0	-	32.1	6.3	31.7	-	47.7	-	68.2	-	20.5	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

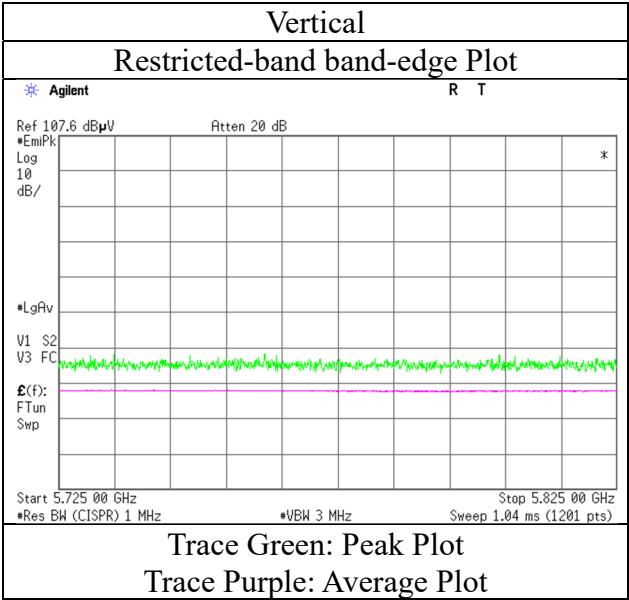
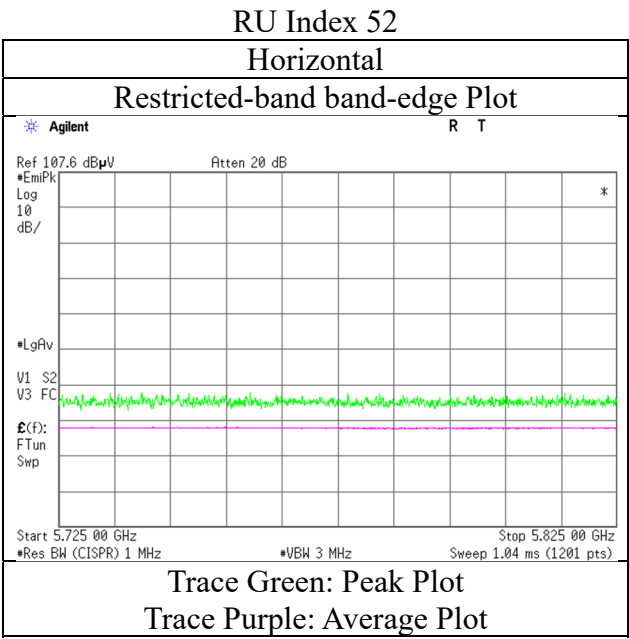
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5610 MHz (52-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (106-tone RU)

RU Index 60

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5725.0	40.7	-	32.1	6.3	31.7	-	47.5	-	68.2	-	20.8	-	
Vert.	5725.0	41.0	-	32.1	6.3	31.7	-	47.8	-	68.2	-	20.5	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

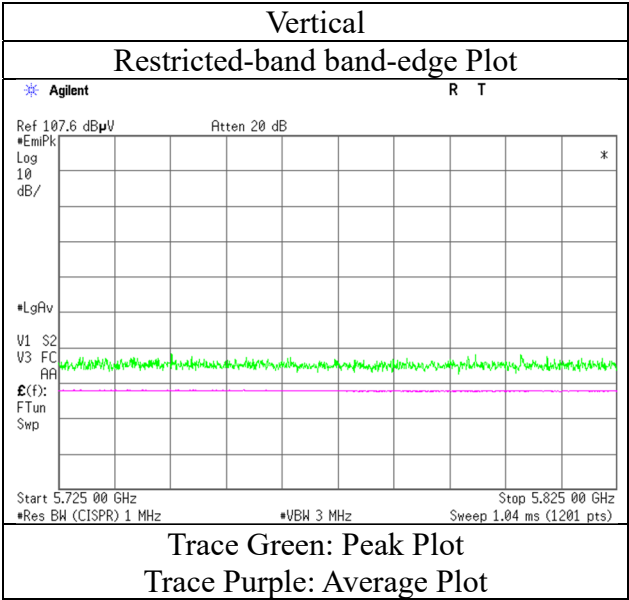
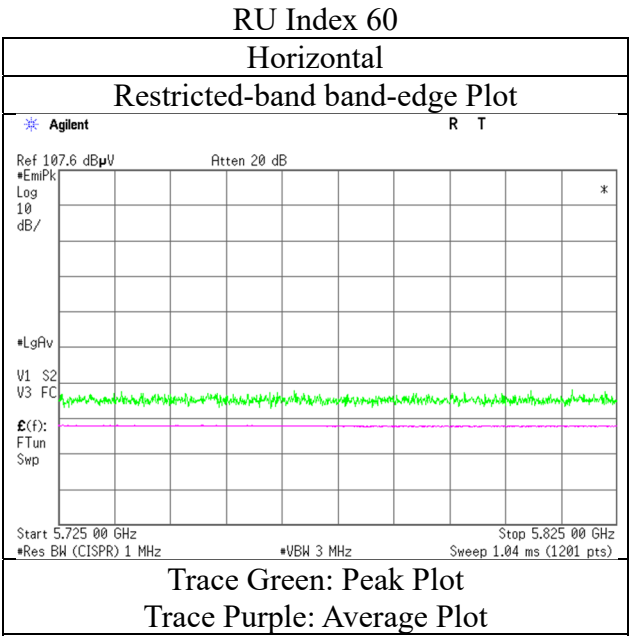
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5610 MHz (106-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (242-tone RU)

RU Index 64

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5725.0	41.2	-	32.1	6.3	31.7	-	48.0	-	68.2	-	20.2	-	
Vert.	5725.0	40.3	-	32.1	6.3	31.7	-	47.1	-	68.2	-	21.1	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

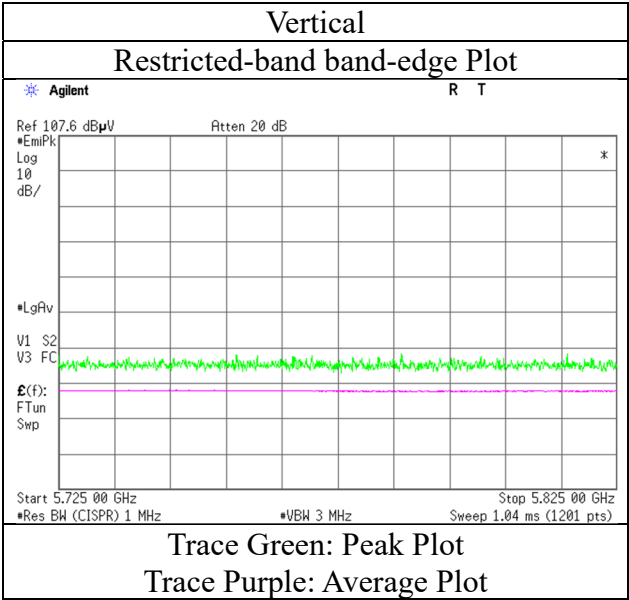
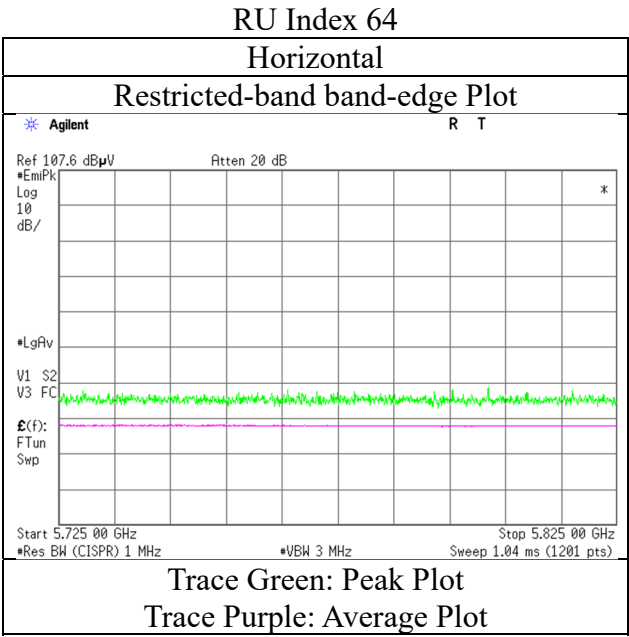
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5610 MHz (242-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (484-tone RU)

RU Index 66

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5725.0	41.6	-	32.1	6.3	31.7	-	48.3	-	68.2	-	19.9	-	
Vert.	5725.0	41.5	-	32.1	6.3	31.7	-	48.3	-	68.2	-	19.9	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

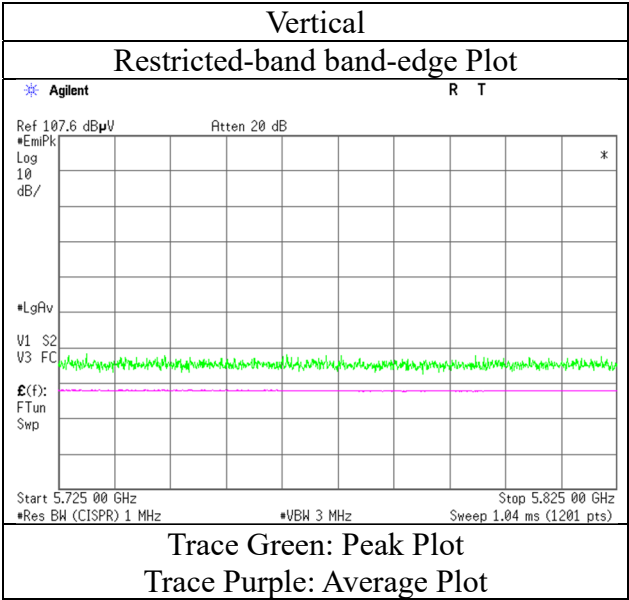
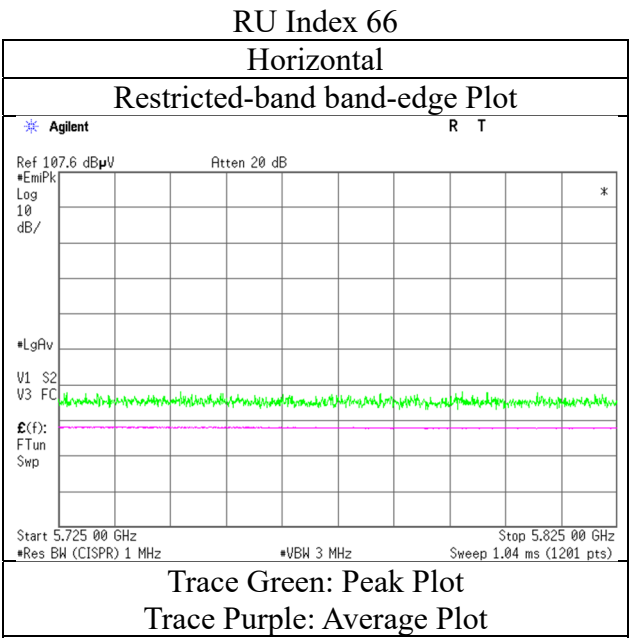
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5610 MHz (484-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (996-tone RU)

RU Index 67

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5725.0	42.9	-	32.1	6.3	31.7	-	49.7	-	68.2	-	18.5	-	
Vert.	5725.0	41.4	-	32.1	6.3	31.7	-	48.2	-	68.2	-	20.0	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

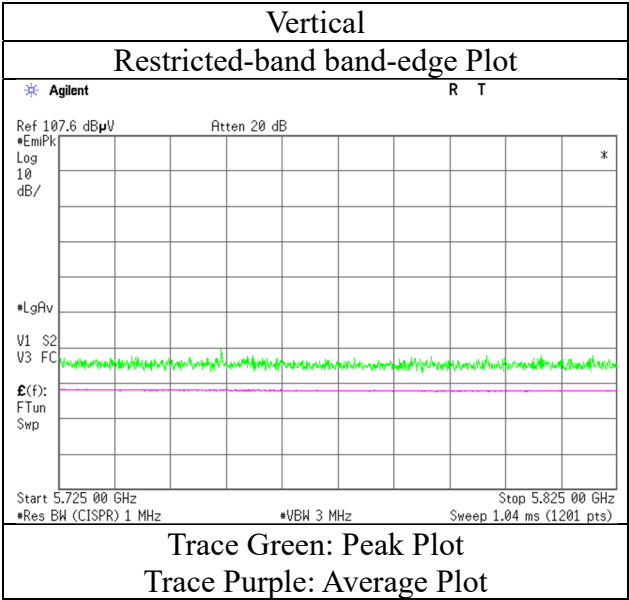
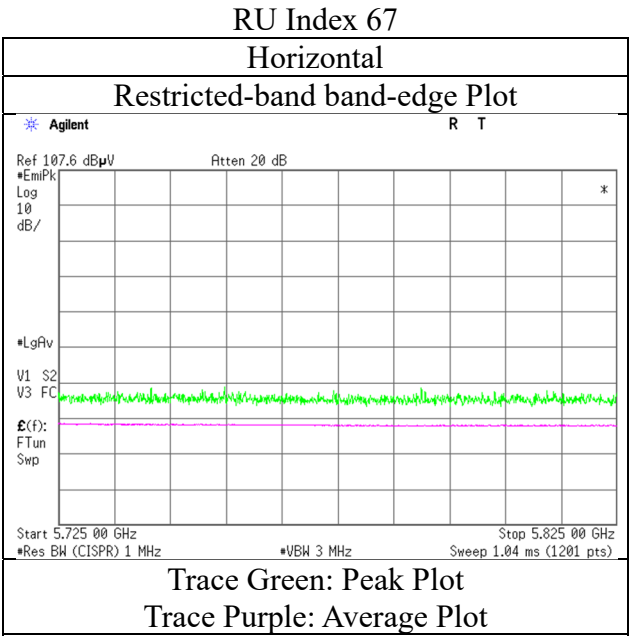
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5610 MHz (996-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 0

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5650.0	41.0	-	31.9	6.3	31.7	-	47.6	-	68.2	-	20.6	-	
Hori.	5700.0	40.7	-	32.1	6.3	31.7	-	47.4	-	105.2	-	57.8	-	
Hori.	5720.0	41.0	-	32.1	6.3	31.7	-	47.7	-	110.8	-	63.1	-	
Hori.	5725.0	41.2	-	32.1	6.3	31.7	-	47.9	-	122.2	-	74.3	-	
Vert.	5650.0	41.2	-	31.9	6.3	31.7	-	47.8	-	68.2	-	20.4	-	
Vert.	5700.0	42.1	-	32.1	6.3	31.7	-	48.8	-	105.2	-	56.4	-	
Vert.	5720.0	41.0	-	32.1	6.3	31.7	-	47.8	-	110.8	-	63.0	-	
Vert.	5725.0	41.4	-	32.1	6.3	31.7	-	48.1	-	122.2	-	74.1	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

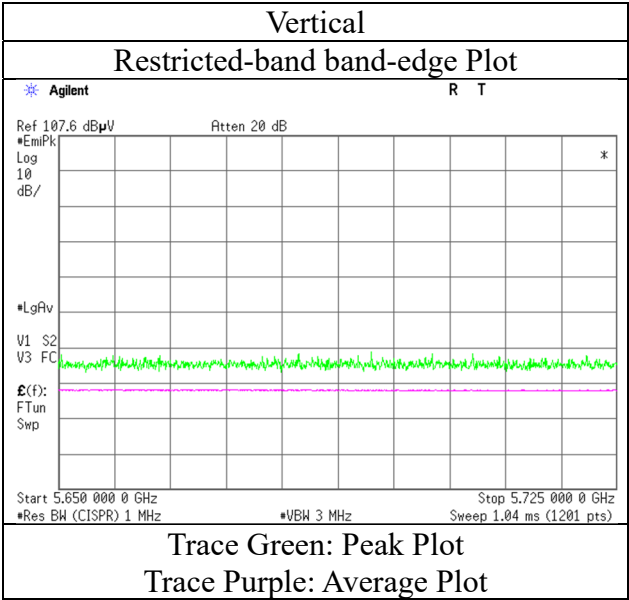
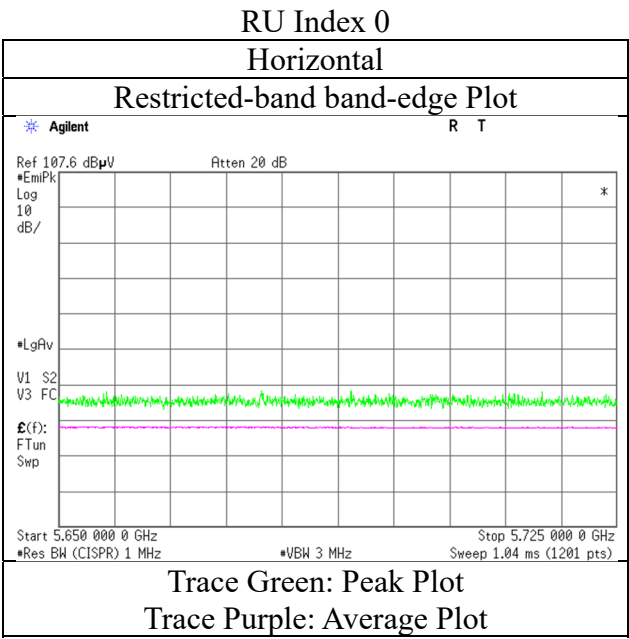
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (26-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 37

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5650.0	41.0	-	31.9	6.3	31.7	-	47.6	-	68.2	-	20.6	-	
Hori.	5700.0	40.8	-	32.1	6.3	31.7	-	47.5	-	105.2	-	57.8	-	
Hori.	5720.0	41.9	-	32.1	6.3	31.7	-	48.7	-	110.8	-	62.1	-	
Hori.	5725.0	41.2	-	32.1	6.3	31.7	-	48.0	-	122.2	-	74.2	-	
Vert.	5650.0	40.5	-	31.9	6.3	31.7	-	47.1	-	68.2	-	21.1	-	
Vert.	5700.0	40.9	-	32.1	6.3	31.7	-	47.6	-	105.2	-	57.6	-	
Vert.	5720.0	41.2	-	32.1	6.3	31.7	-	47.9	-	110.8	-	62.9	-	
Vert.	5725.0	40.9	-	32.1	6.3	31.7	-	47.7	-	122.2	-	74.5	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

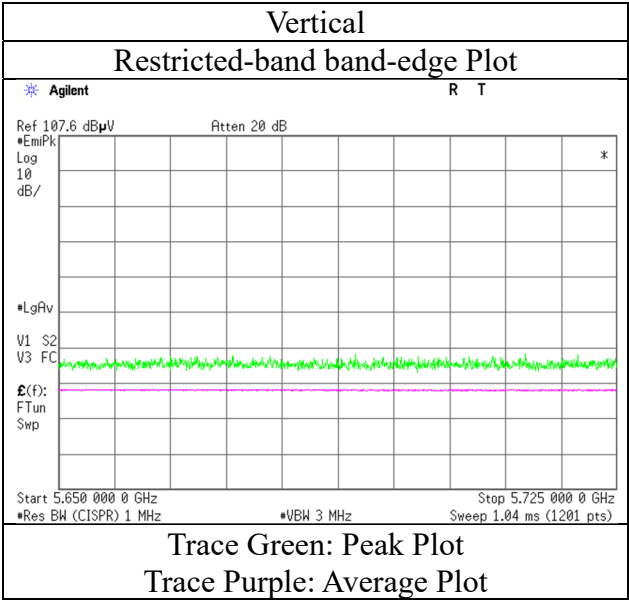
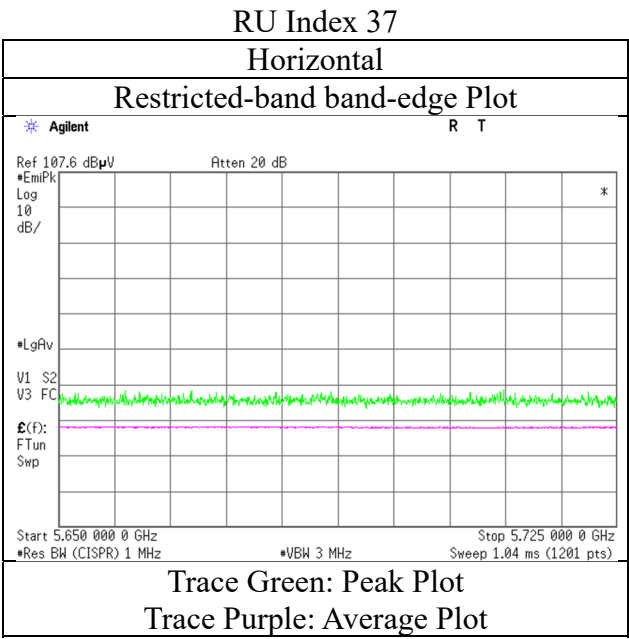
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (52-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 53

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5650.0	40.7	-	31.9	6.3	31.7	-	47.3	-	68.2	-	20.9	-	
Hori.	5700.0	41.3	-	32.1	6.3	31.7	-	48.0	-	105.2	-	57.2	-	
Hori.	5720.0	43.2	-	32.1	6.3	31.7	-	49.9	-	110.8	-	60.9	-	
Hori.	5725.0	41.8	-	32.1	6.3	31.7	-	48.6	-	122.2	-	73.6	-	
Vert.	5650.0	40.9	-	31.9	6.3	31.7	-	47.4	-	68.2	-	20.8	-	
Vert.	5700.0	40.7	-	32.1	6.3	31.7	-	47.4	-	105.2	-	57.8	-	
Vert.	5720.0	41.2	-	32.1	6.3	31.7	-	47.9	-	110.8	-	62.9	-	
Vert.	5725.0	41.6	-	32.1	6.3	31.7	-	48.4	-	122.2	-	73.8	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

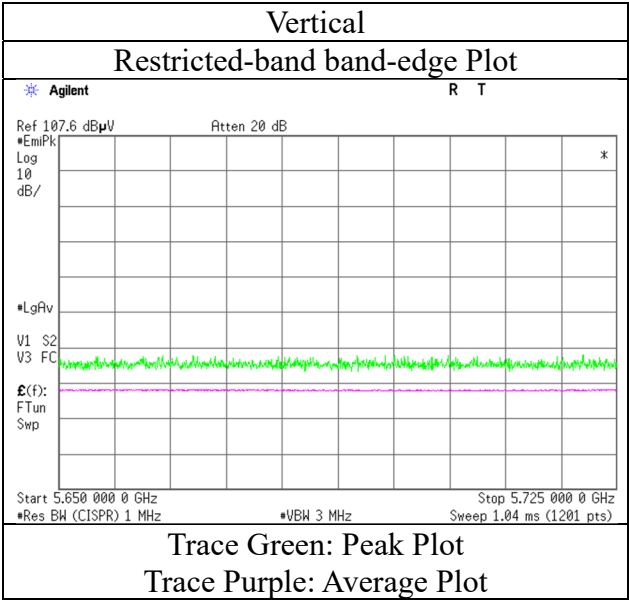
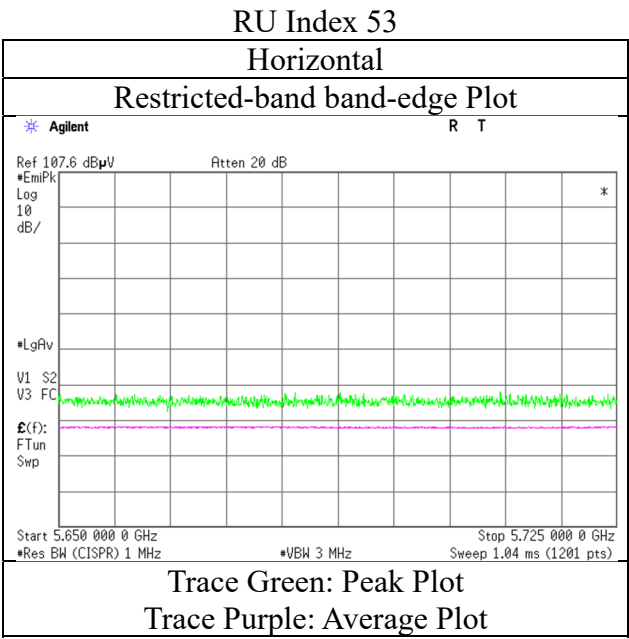
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (106-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 61

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5650.0	41.5	-	31.9	6.3	31.7	-	48.0	-	68.2	-	20.2	-	
Hori.	5700.0	42.0	-	32.1	6.3	31.7	-	48.7	-	105.2	-	56.5	-	
Hori.	5720.0	50.2	-	32.1	6.3	31.7	-	57.0	-	110.8	-	53.9	-	
Hori.	5725.0	53.8	-	32.1	6.3	31.7	-	60.6	-	122.2	-	61.6	-	
Vert.	5650.0	40.2	-	31.9	6.3	31.7	-	46.7	-	68.2	-	21.5	-	
Vert.	5700.0	40.4	-	32.1	6.3	31.7	-	47.1	-	105.2	-	58.1	-	
Vert.	5720.0	48.2	-	32.1	6.3	31.7	-	55.0	-	110.8	-	55.8	-	
Vert.	5725.0	49.9	-	32.1	6.3	31.7	-	56.7	-	122.2	-	65.5	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

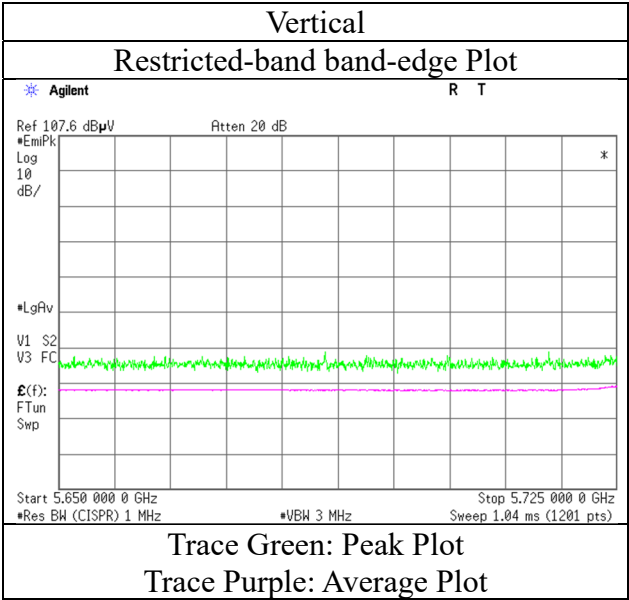
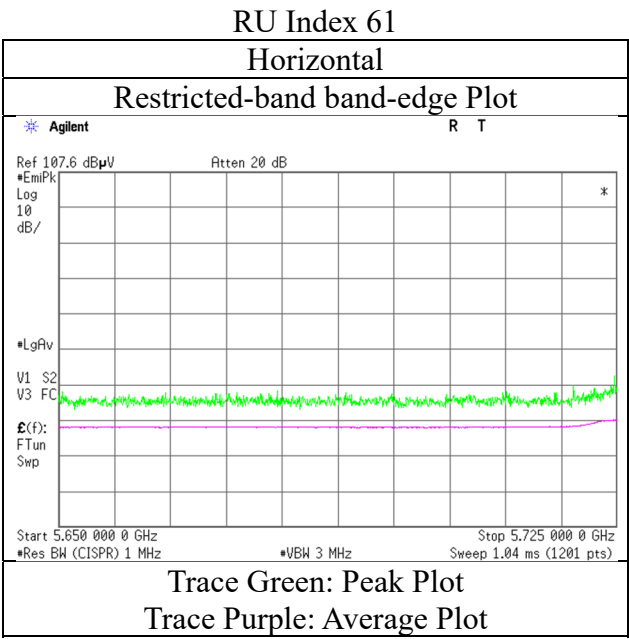
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (242-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 65

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5650.0	41.1	-	31.9	6.3	31.7	-	47.7	-	68.2	-	20.5	-	
Hori.	5700.0	50.4	-	32.1	6.3	31.7	-	57.1	-	105.2	-	48.1	-	
Hori.	5720.0	58.1	-	32.1	6.3	31.7	-	64.9	-	110.8	-	45.9	-	
Hori.	5725.0	59.3	-	32.1	6.3	31.7	-	66.1	-	122.2	-	56.1	-	
Vert.	5650.0	41.0	-	31.9	6.3	31.7	-	47.6	-	68.2	-	20.7	-	
Vert.	5700.0	46.6	-	32.1	6.3	31.7	-	53.3	-	105.2	-	51.9	-	
Vert.	5720.0	55.8	-	32.1	6.3	31.7	-	62.6	-	110.8	-	48.2	-	
Vert.	5725.0	57.5	-	32.1	6.3	31.7	-	64.3	-	122.2	-	57.9	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

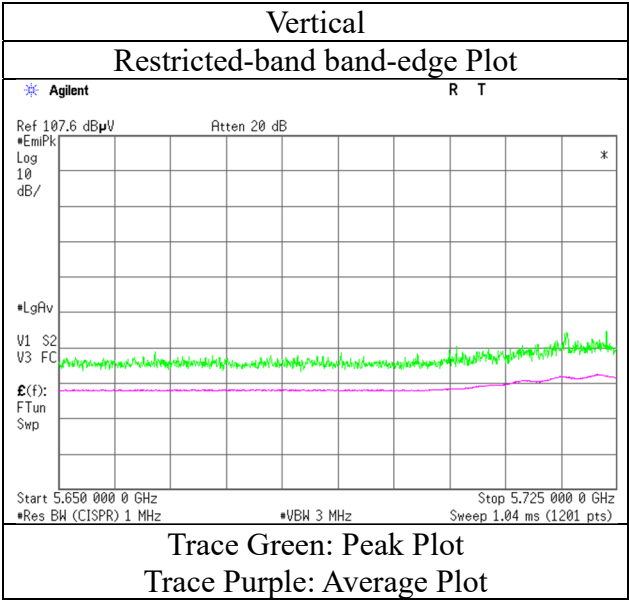
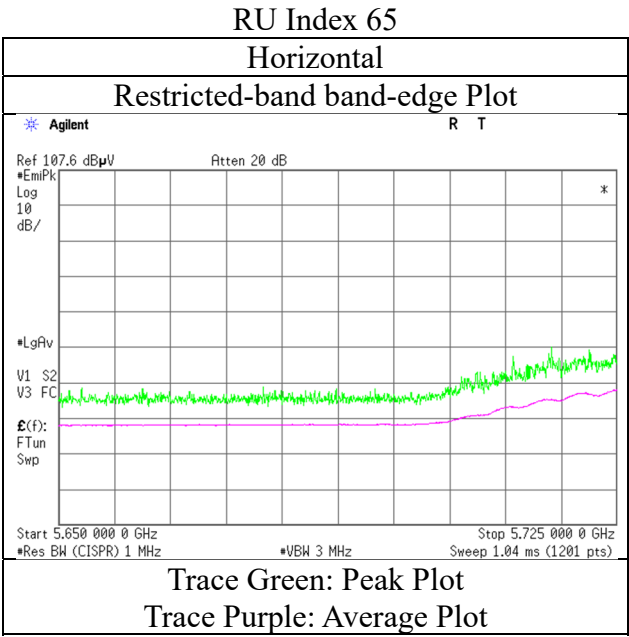
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (484-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 36

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5850.0	40.5	-	32.5	6.4	31.7	-	47.6	-	122.2	-	74.6	-	
Hori.	5855.0	40.7	-	32.5	6.4	31.7	-	47.8	-	110.8	-	63.0	-	
Hori.	5875.0	40.4	-	32.5	6.4	31.7	-	47.6	-	105.2	-	57.6	-	
Hori.	5925.0	40.3	-	32.5	6.4	31.7	-	47.5	-	68.2	-	20.7	-	
Vert.	5850.0	40.5	-	32.5	6.4	31.7	-	47.7	-	122.2	-	74.5	-	
Vert.	5855.0	40.6	-	32.5	6.4	31.7	-	47.8	-	110.8	-	63.0	-	
Vert.	5875.0	40.4	-	32.5	6.4	31.7	-	47.6	-	105.2	-	57.6	-	
Vert.	5925.0	40.2	-	32.5	6.4	31.7	-	47.4	-	68.2	-	20.9	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9 \text{ m} / 3.0 \text{ m}) = 2.28 \text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0 \text{ m} / 3.0 \text{ m}) = -9.5 \text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

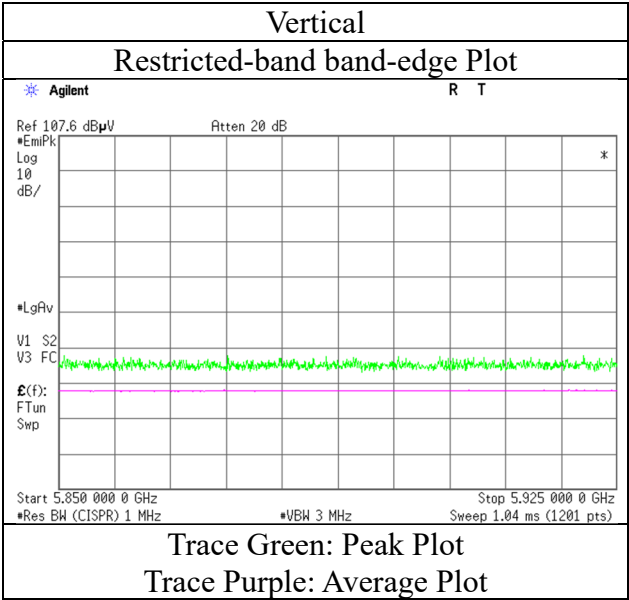
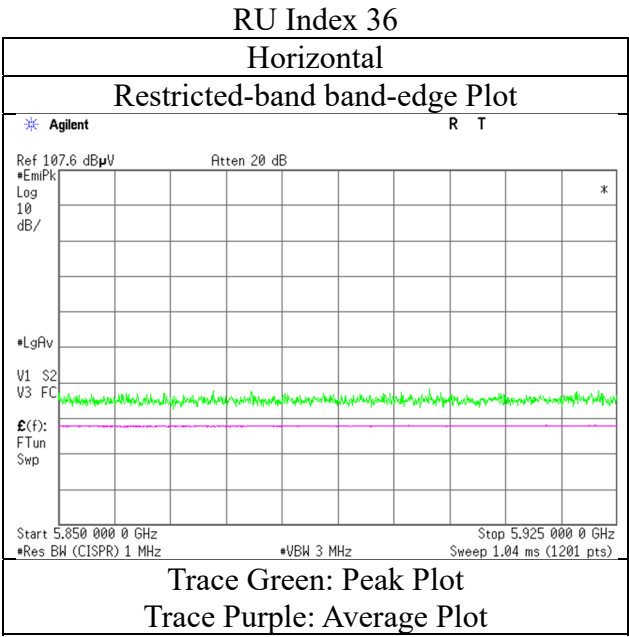
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (26-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 52

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5850.0	41.0	-	32.5	6.4	31.7	-	48.1	-	122.2	-	74.1	-	
Hori.	5855.0	40.8	-	32.5	6.4	31.7	-	47.9	-	110.8	-	62.9	-	
Hori.	5875.0	40.8	-	32.5	6.4	31.7	-	48.0	-	105.2	-	57.3	-	
Hori.	5925.0	40.4	-	32.5	6.4	31.7	-	47.6	-	68.2	-	20.6	-	
Vert.	5850.0	41.6	-	32.5	6.4	31.7	-	48.7	-	122.2	-	73.5	-	
Vert.	5855.0	40.5	-	32.5	6.4	31.7	-	47.6	-	110.8	-	63.2	-	
Vert.	5875.0	40.2	-	32.5	6.4	31.7	-	47.4	-	105.2	-	57.8	-	
Vert.	5925.0	40.4	-	32.5	6.4	31.7	-	47.5	-	68.2	-	20.7	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

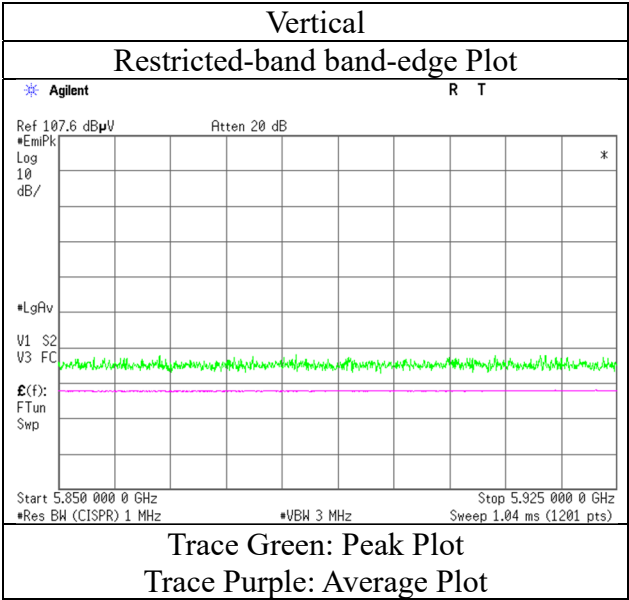
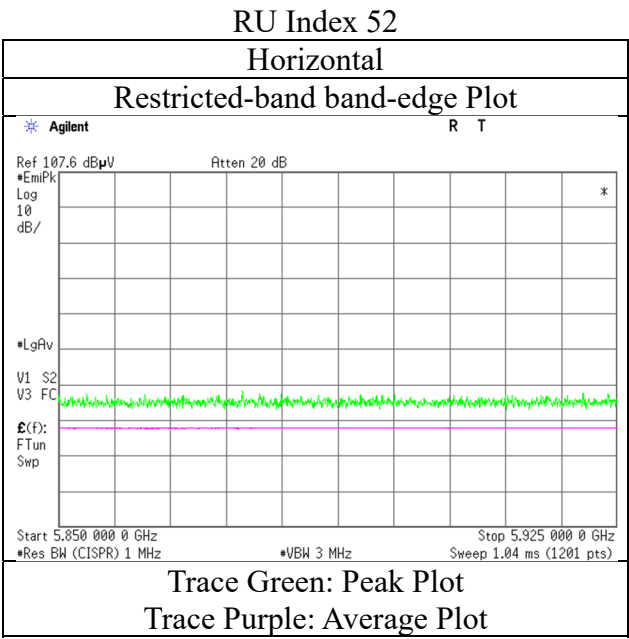
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (52-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 60

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5850.0	41.1	-	32.5	6.4	31.7	-	48.2	-	122.2	-	74.0	-	
Hori.	5855.0	40.9	-	32.5	6.4	31.7	-	48.0	-	110.8	-	62.8	-	
Hori.	5875.0	40.5	-	32.5	6.4	31.7	-	47.6	-	105.2	-	57.6	-	
Hori.	5925.0	40.8	-	32.5	6.4	31.7	-	48.0	-	68.2	-	20.2	-	
Vert.	5850.0	41.1	-	32.5	6.4	31.7	-	48.2	-	122.2	-	74.0	-	
Vert.	5855.0	40.6	-	32.5	6.4	31.7	-	47.7	-	110.8	-	63.1	-	
Vert.	5875.0	40.5	-	32.5	6.4	31.7	-	47.6	-	105.2	-	57.6	-	
Vert.	5925.0	40.6	-	32.5	6.4	31.7	-	47.8	-	68.2	-	20.4	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

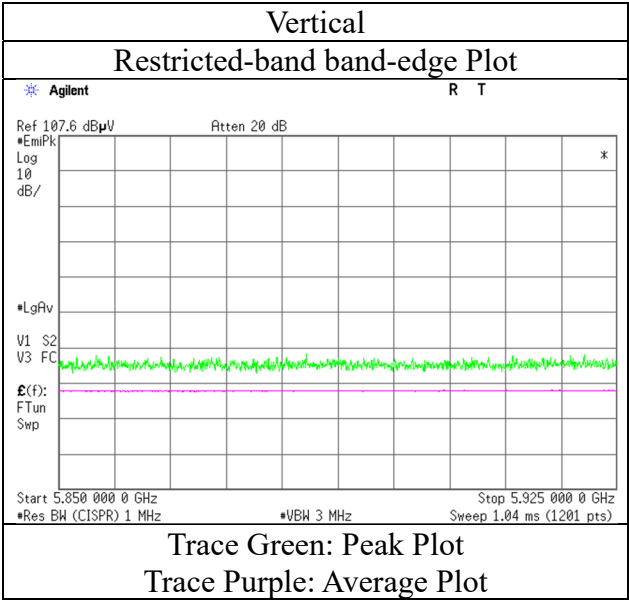
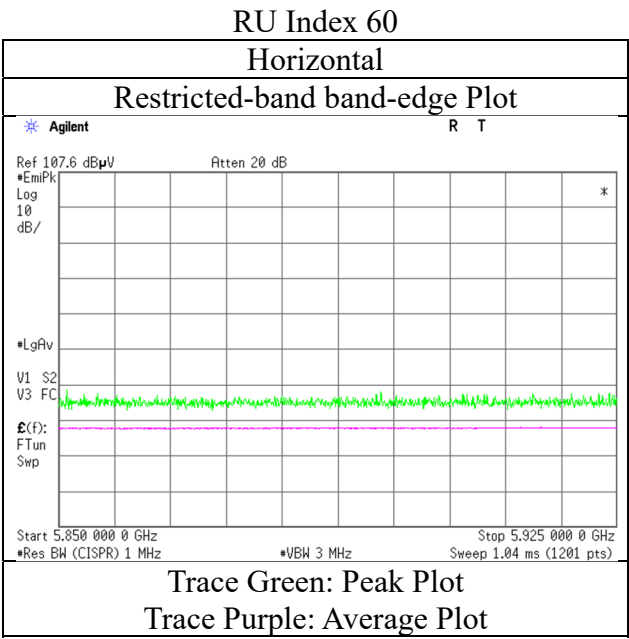
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (106-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 64

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5850.0	40.4	-	32.5	6.4	31.7	-	47.6	-	122.2	-	74.6	-	
Hori.	5855.0	41.3	-	32.5	6.4	31.7	-	48.4	-	110.8	-	62.4	-	
Hori.	5875.0	40.1	-	32.5	6.4	31.7	-	47.3	-	105.2	-	57.9	-	
Hori.	5925.0	41.0	-	32.5	6.4	31.7	-	48.2	-	68.2	-	20.0	-	
Vert.	5850.0	40.6	-	32.5	6.4	31.7	-	47.7	-	122.2	-	74.5	-	
Vert.	5855.0	40.5	-	32.5	6.4	31.7	-	47.7	-	110.8	-	63.1	-	
Vert.	5875.0	40.3	-	32.5	6.4	31.7	-	47.5	-	105.2	-	57.8	-	
Vert.	5925.0	40.0	-	32.5	6.4	31.7	-	47.2	-	68.2	-	21.0	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

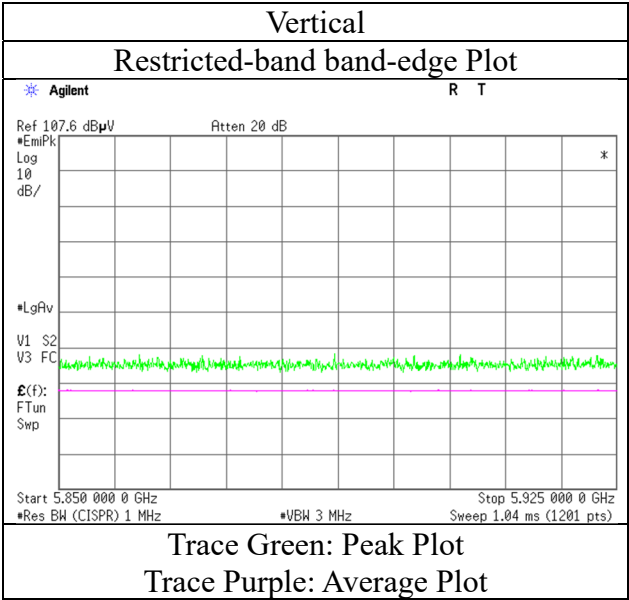
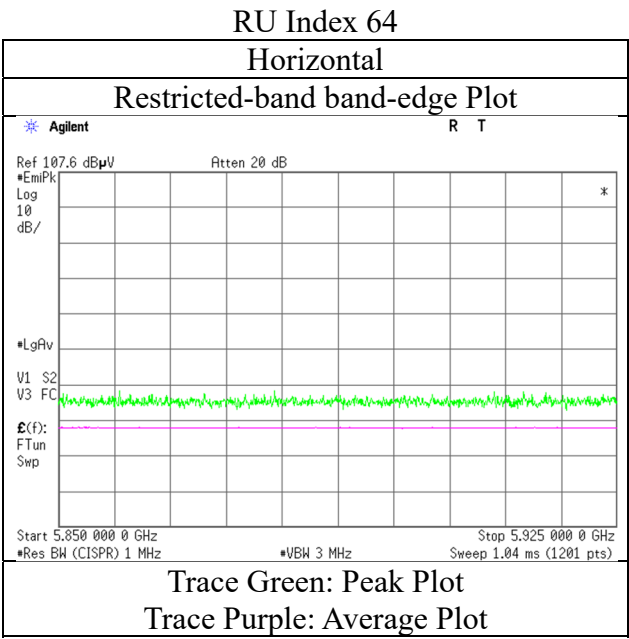
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (242-tone RU)



* 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

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 66

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5850.0	45.0	-	32.5	6.4	31.7	-	52.1	-	122.2	-	70.1	-	
Hori.	5855.0	42.7	-	32.5	6.4	31.7	-	49.8	-	110.8	-	61.0	-	
Hori.	5875.0	40.4	-	32.5	6.4	31.7	-	47.6	-	105.2	-	57.7	-	
Hori.	5925.0	40.6	-	32.5	6.4	31.7	-	47.8	-	68.2	-	20.4	-	
Vert.	5850.0	43.3	-	32.5	6.4	31.7	-	50.4	-	122.2	-	71.8	-	
Vert.	5855.0	40.5	-	32.5	6.4	31.7	-	47.6	-	110.8	-	63.2	-	
Vert.	5875.0	41.2	-	32.5	6.4	31.7	-	48.4	-	105.2	-	56.8	-	
Vert.	5925.0	41.0	-	32.5	6.4	31.7	-	48.2	-	68.2	-	20.0	-	

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

Result (AV) = 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).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 10 GHz	$20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

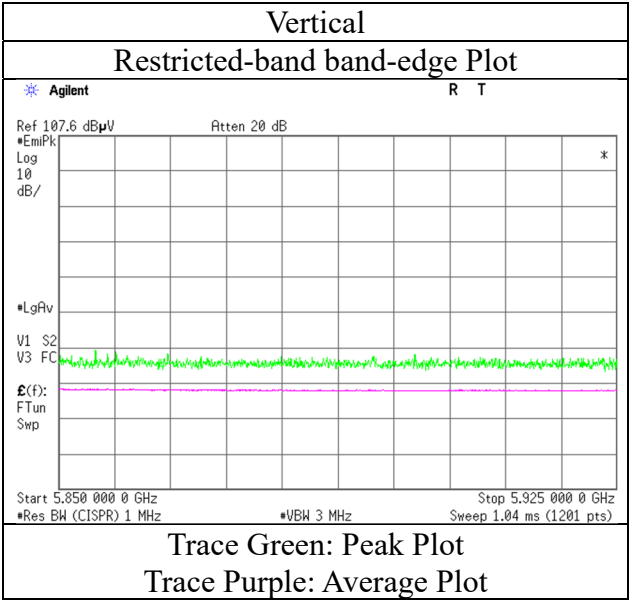
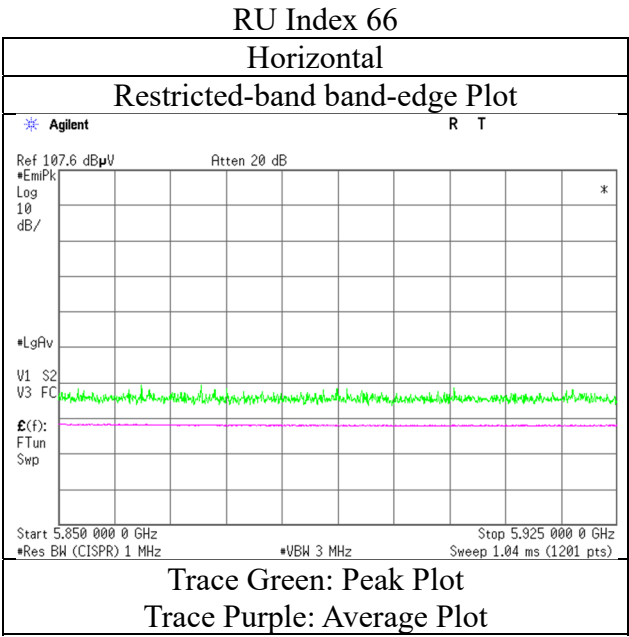
January 21, 2022

22 deg. C / 32 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

Tx 11ax-80 5775 MHz (484-tone RU)



* 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

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.3
January 21, 2022
22 deg. C / 32 % RH
Nachi Konegawa
(1 GHz - 10 GHz)
Tx 11ax-80 5775 MHz (996-tone RU)

RU Index 67

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5650.0	48.1	-	31.9	6.3	31.7	-	54.6	-	68.2	-	13.6	-	
Hori.	5700.0	63.0	-	32.1	6.3	31.7	-	69.6	-	105.2	-	35.6	-	
Hori.	5720.0	63.1	-	32.1	6.3	31.7	-	69.9	-	110.8	-	41.0	-	
Hori.	5725.0	64.3	-	32.1	6.3	31.7	-	71.1	-	122.2	-	51.1	-	
Hori.	5850.0	54.4	-	32.5	6.4	31.7	-	61.5	-	122.2	-	60.7	-	
Hori.	5855.0	52.6	-	32.5	6.4	31.7	-	59.8	-	110.8	-	51.0	-	
Hori.	5875.0	48.9	-	32.5	6.4	31.7	-	56.0	-	105.2	-	49.2	-	
Hori.	5925.0	41.2	-	32.5	6.4	31.7	-	48.4	-	68.2	-	19.8	-	
Vert.	5650.0	43.5	-	31.9	6.3	31.7	-	50.0	-	68.2	-	18.2	-	
Vert.	5700.0	57.6	-	32.1	6.3	31.7	-	64.3	-	105.2	-	40.9	-	
Vert.	5720.0	59.1	-	32.1	6.3	31.7	-	65.8	-	110.8	-	45.0	-	
Vert.	5725.0	59.5	-	32.1	6.3	31.7	-	66.3	-	122.2	-	56.0	-	
Vert.	5850.0	49.3	-	32.5	6.4	31.7	-	56.4	-	122.2	-	65.8	-	
Vert.	5855.0	49.0	-	32.5	6.4	31.7	-	56.1	-	110.8	-	54.7	-	
Vert.	5875.0	44.7	-	32.5	6.4	31.7	-	51.8	-	105.2	-	53.4	-	
Vert.	5925.0	41.2	-	32.5	6.4	31.7	-	48.4	-	68.2	-	19.8	-	

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

Result (AV) = 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).

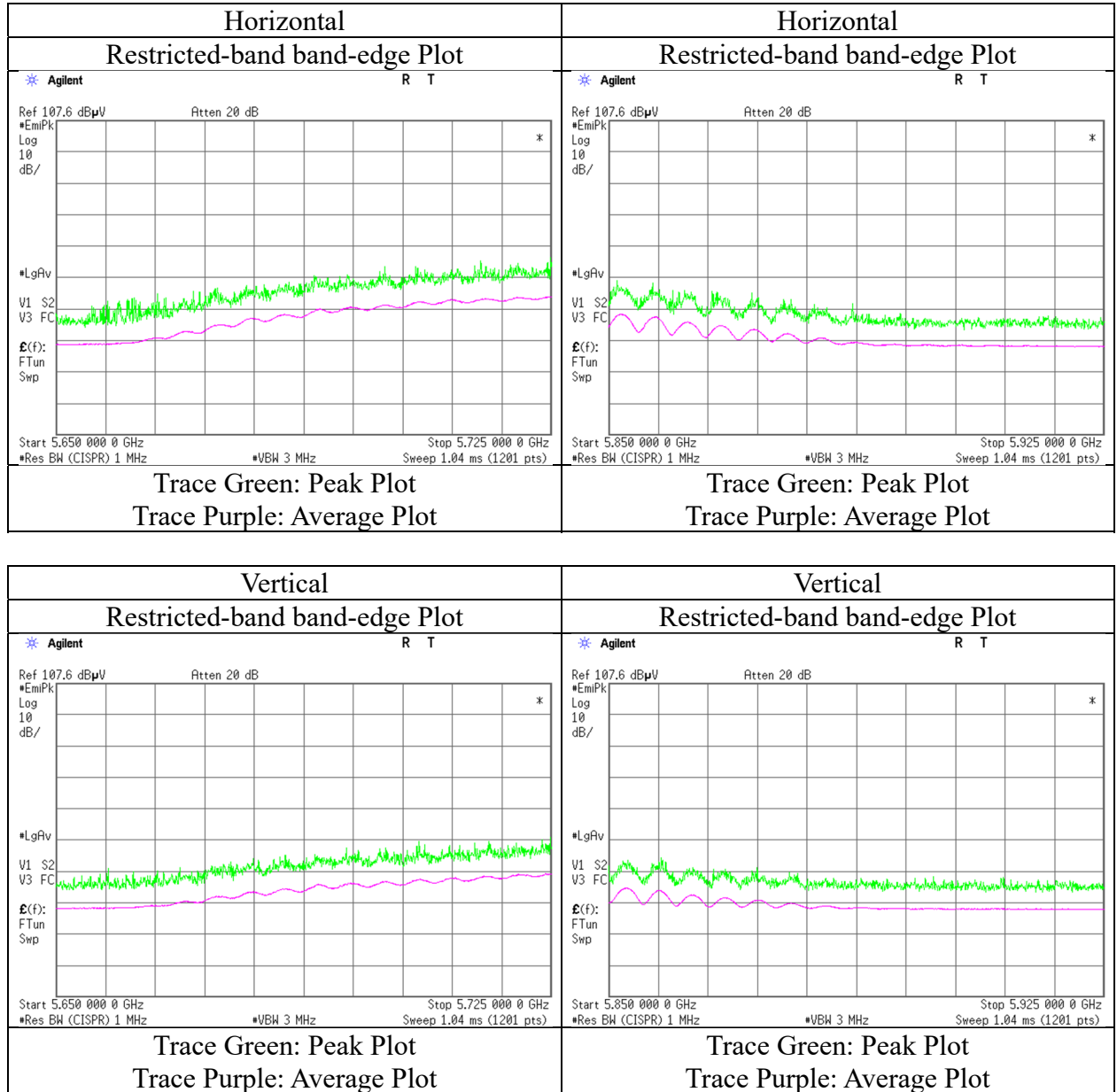
*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz $20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
 10 GHz - 40 GHz $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 21, 2022
Temperature / Humidity	22 deg. C / 32 % RH
Engineer	Nachi Konegawa
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (996-tone RU)

RU Index 67



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

Radiated Spurious Emission

Test place	Ise EMC Lab.		
Semi Anechoic Chamber	No.3	No.3	No.3
Date	January 23, 2022	January 24, 2022	January 24, 2022
Temperature / Humidity	20 deg. C / 33 % RH	21 deg. C / 36 % RH	21 deg. C / 30 % RH
Engineer	Nachi Konegawa	Hiroki Numata	Nachi Konegawa
	(Below 1 GHz)	(10 GHz - 40 GHz)	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (996-tone RU) + BT1 3DH5 Hopping		

RU Index 67

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	72.8	43.2	-	6.3	7.8	32.3	-	25.1	-	40.0	-	14.9	-	
Hori.	160.0	35.6	-	15.5	8.8	32.2	-	27.6	-	43.5	-	15.9	-	
Hori.	374.3	38.1	-	15.3	10.6	32.1	-	31.8	-	46.0	-	14.2	-	
Hori.	539.3	41.1	-	17.9	11.6	32.1	-	38.5	-	46.0	-	7.5	-	
Hori.	611.4	39.3	-	19.5	12.1	32.1	-	38.8	-	46.0	-	7.3	-	
Hori.	911.0	36.6	-	22.3	13.6	30.9	-	41.6	-	46.0	-	4.4	-	
Hori.	5460.0	46.7	37.4	31.9	8.0	31.7	0.2	54.9	45.9	68.2	53.9	13.3	8.0	*1)
Hori.	5470.0	48.1	-	31.9	8.0	31.7	-	56.3	-	68.2	-	11.9	-	
Hori.	11060.0	38.4	34.4	40.1	-2.2	33.3	0.2	42.9	39.1	73.9	53.9	31.0	14.8	Floor Noise
Hori.	16590.0	38.1	-	40.2	0.6	32.3	-	46.5	-	68.2	-	21.7	-	Floor Noise
Vert.	72.6	43.0	-	6.3	7.8	32.3	-	24.9	-	40.0	-	15.1	-	
Vert.	193.2	31.8	-	16.5	9.1	32.2	-	25.2	-	43.5	-	18.3	-	
Vert.	374.8	37.7	-	15.3	10.6	32.1	-	31.4	-	46.0	-	14.6	-	
Vert.	579.3	37.6	-	18.9	11.9	32.1	-	36.3	-	46.0	-	9.7	-	
Vert.	610.5	37.6	-	19.5	12.1	32.1	-	37.0	-	46.0	-	9.0	-	
Vert.	916.4	37.6	-	22.3	13.7	30.9	-	42.6	-	46.0	-	3.4	-	
Vert.	5460.0	45.0	35.5	31.9	8.0	31.7	0.2	53.2	43.9	68.2	53.9	15.0	10.0	*1)
Vert.	5470.0	45.3	-	31.9	8.0	31.7	-	53.5	-	68.2	-	14.7	-	
Vert.	11060.0	41.8	33.7	40.1	-2.2	33.3	0.2	46.3	38.4	73.9	53.9	27.6	15.5	Floor Noise
Vert.	16590.0	42.8	-	40.2	0.6	32.3	-	51.2	-	68.2	-	17.0	-	Floor Noise

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

Result (AV)= 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).

*QP detector was used up to 1GHz.

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

Distance factor: 1 GHz - 10 GHz $20\log(3.9\text{ m} / 3.0\text{ m}) = 2.28\text{ dB}$
 10 GHz - 40 GHz $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Test place

Semi Anechoic Chamber

Date

Temperature / Humidity

Engineer

Mode

Ise EMC Lab.

No.3

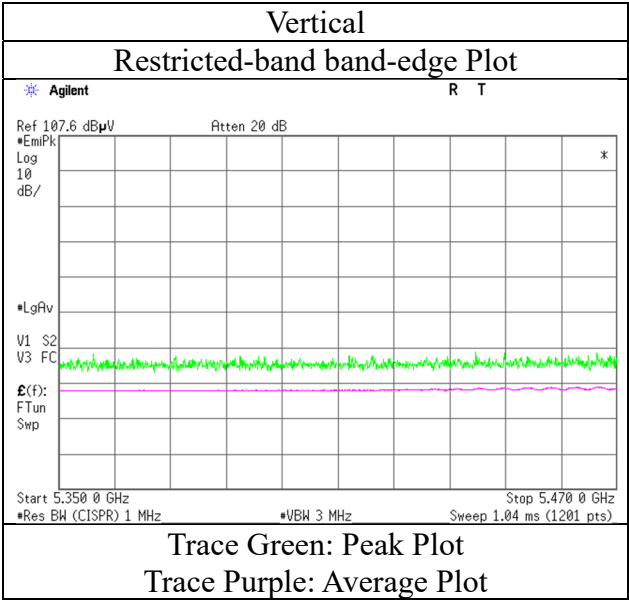
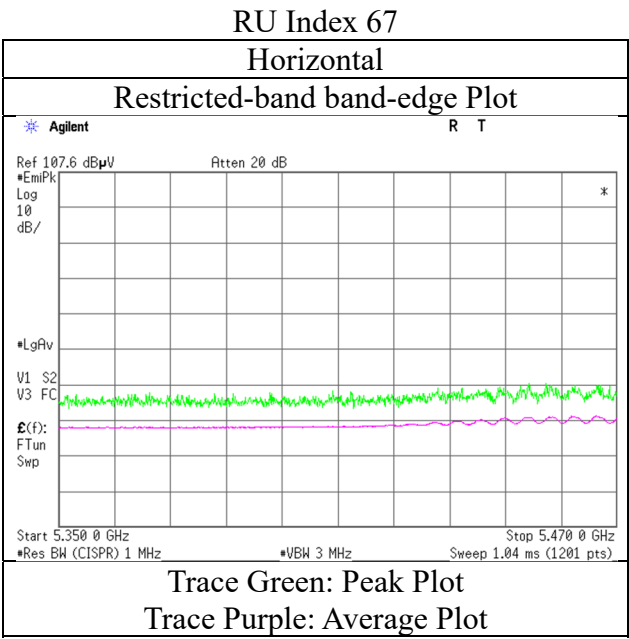
January 24, 2022

21 deg. C / 30 % RH

Nachi Konegawa

(1 GHz - 10 GHz)

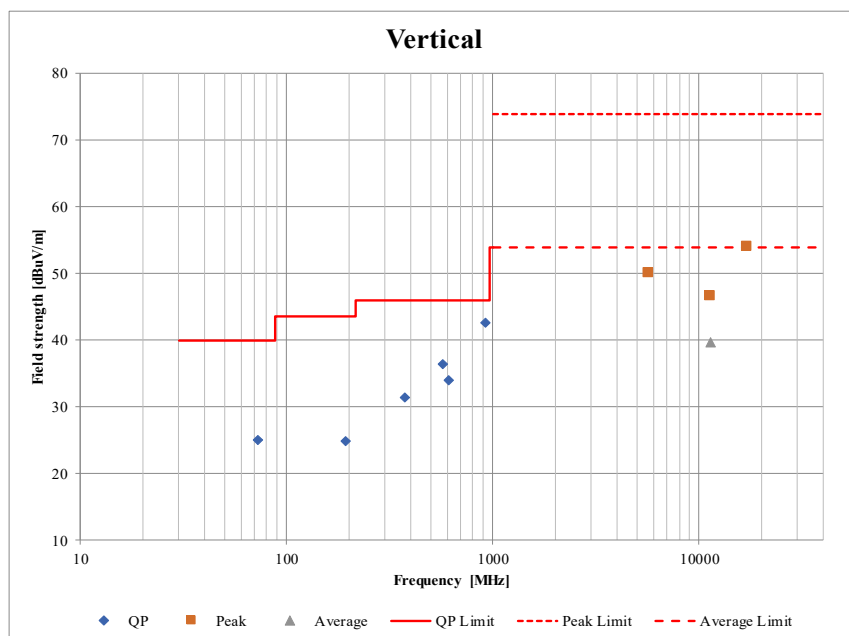
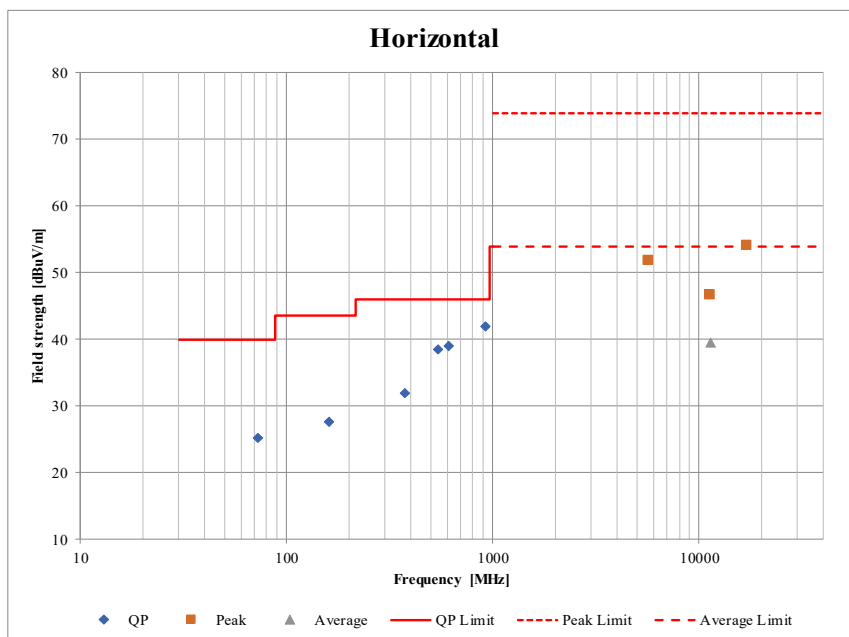
Tx 11ax-80 5530 MHz (996-tone RU) + BT1 3DH5 Hopping



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

Radiated Spurious Emission (Plot data, Worst case mode for Maximum Conducted Output Power)

Test place	Ise EMC Lab.				
Semi Anechoic Chamber	No.3	No.3	No.3	No.3	No.3
Date	January 18, 2022	January 22, 2022	January 23, 2022	January 23, 2022	January 23, 2022
Temperature / Humidity	20 deg. C / 35 % RH	23 deg. C / 37 % RH	18 deg. C / 32 % RH	20 deg. C / 33 % RH	20 deg. C / 33 % RH
Engineer	Nachi Konegawa	Takumi Nishida	Hiroyuki Furutaka	Nachi Konegawa	Nachi Konegawa
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)	(Below 1 GHz)
	Tx 11ax-20 5700 MHz (OFDM)				



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

APPENDIX 2: Test Instruments

Test Equipment

Test Item	Local ID	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	MOS-13	141554	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	1301	01/10/2022	12
RE	MMM-08	141532	DIGITAL HiTESTER	HIOKI E.E. CORPORATION	3805	51201197	01/16/2022	12
RE	MJM-16	142183	Measure	KOMELON	KMC-36	-	-	-
RE	COTS-ME MI-02	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	MAEC-03-SVSWR	142013	AC3_Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-10005	04/01/2021	24
RE	MHA-20	141507	Horn Antenna 1-18GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9120D	258	11/09/2021	12
RE	MPA-11	141580	MicroWave System Amplifier	Keysight Technologies Inc	83017A	MY39500779	03/03/2021	12
RE	MCC-231	177964	Microwave Cable	Junkosha INC.	MMX221	1901S329(1m)/1902S579(5m)	03/04/2021	12
RE	MSA-03	141884	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY44020357	03/10/2021	12
RE	MAEC-03	142008	AC3_Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	05/22/2020	24
RE	MHF-22	141293	High Pass Filter 7-20GHz	TOKIMEC	TF37NCCB	602	02/18/2021	12
RE	MCC-177	141226	Microwave Cable	Junkosha	MMX221-00500DM SDMS	1502S304	03/01/2021	12
RE	MHA-16	141513	Horn Antenna 15-40GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9170	BBHA9170306	06/07/2021	12
RE	MHF-25	141232	High Pass Filter 3.5-18.0GHz	UL Japan	HPF SELECTOR	001	09/30/2021	12
RE	MHA-03	141504	Horn Antenna 26.5-40GHz	EMCO	3160-10	1150	09/03/2021	12
RE	MPA-03	141577	Microwave System Power Amplifier	Keysight Technologies Inc	83050A	MY39500610	10/28/2021	12
RE	MCC-54	141325	Microwave Cable	Suhner	SUCOFLEX101	2873(1m) / 2876(5m)	03/02/2021	12
RE	MAT-95	142314	Attenuator	Pasternack Enterprises	PE7390-6	D/C 1504	06/09/2021	12
RE	MBA-05	141425	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHA9103+BBA9106	VHA 91031302	08/28/2021	12
RE	MCC-51	141323	Coaxial cable	UL Japan	-	-	07/19/2021	12
RE	MLA-22	141266	Logperiodic Antenna(200-1000MHz)	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	9111B-191	08/21/2021	12
RE	MPA-13	141582	Pre Amplifier	SONOMA INSTRUMENT	310	260834	02/18/2021	12
RE	MTR-08	141949	Test Receiver	Rohde & Schwarz	ESCI	100767	08/05/2021	12

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

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

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

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

Test item:

RE: Radiated Emission