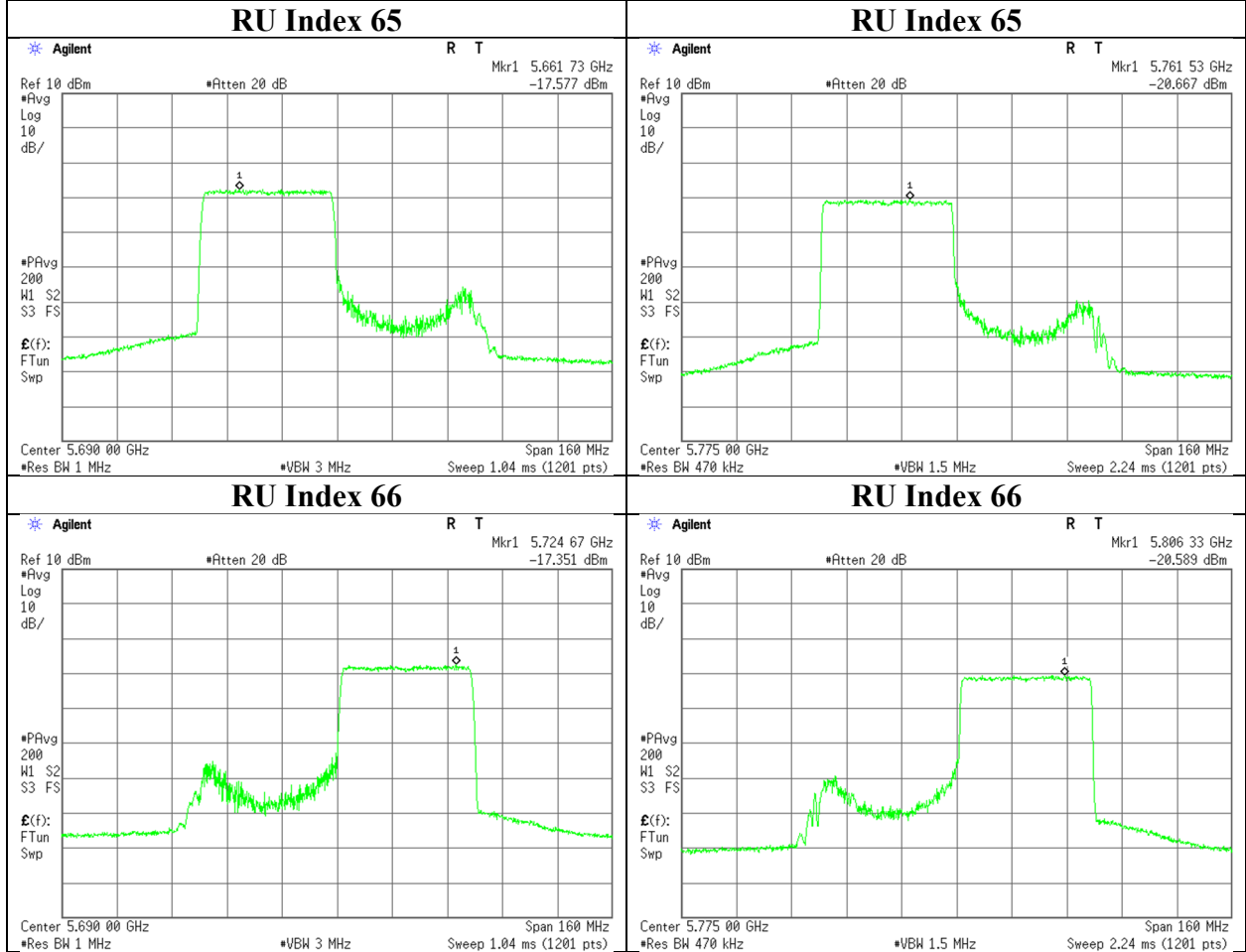


Maximum Power Spectral Density

11ax-80 (OFDMA) Antenna 1

484-tone RU 5690 MHz

484-tone RU 5775 MHz

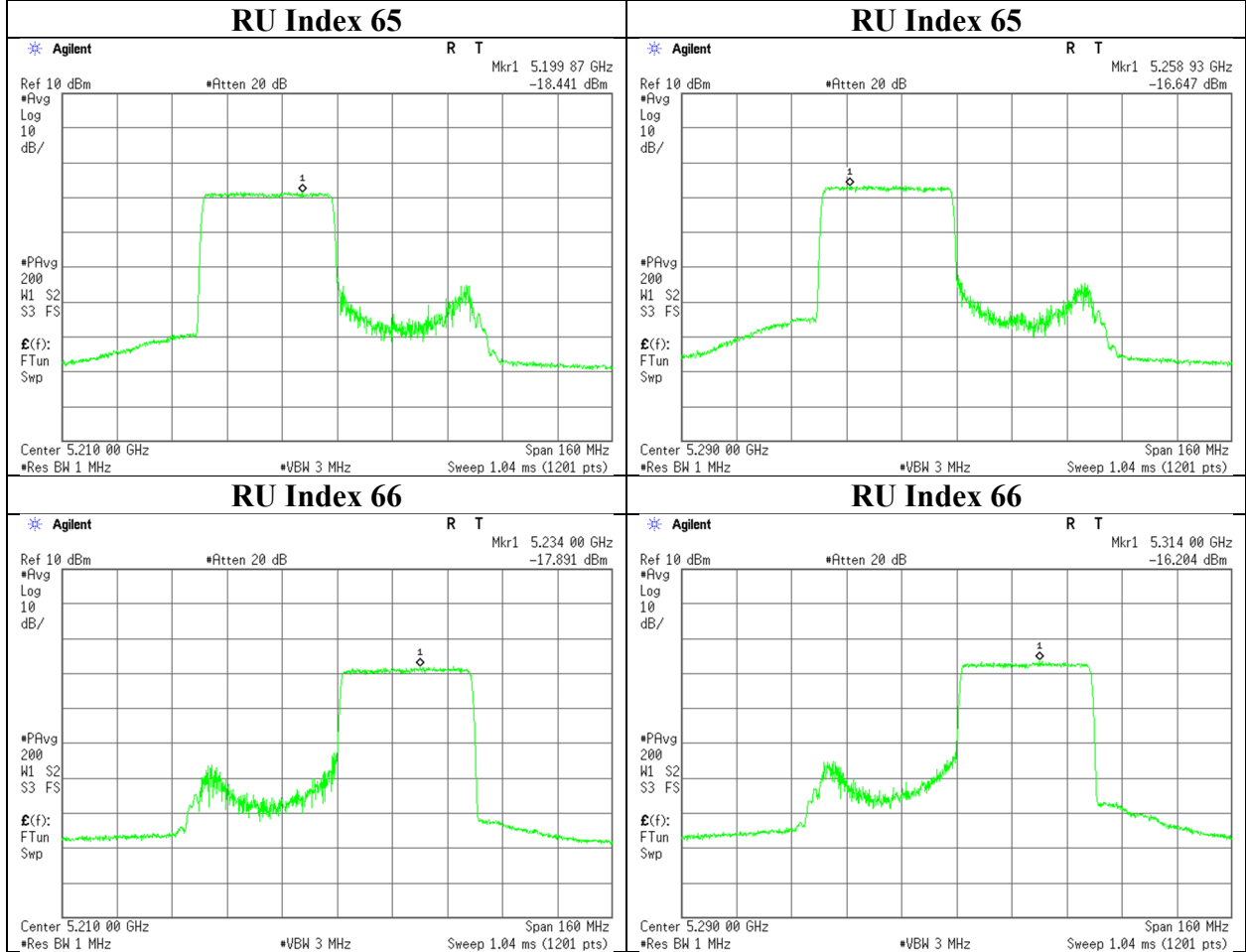


Maximum Power Spectral Density

11ax-80 (OFDMA) Antenna 3

484-tone RU 5210 MHz

484-tone RU 5290 MHz

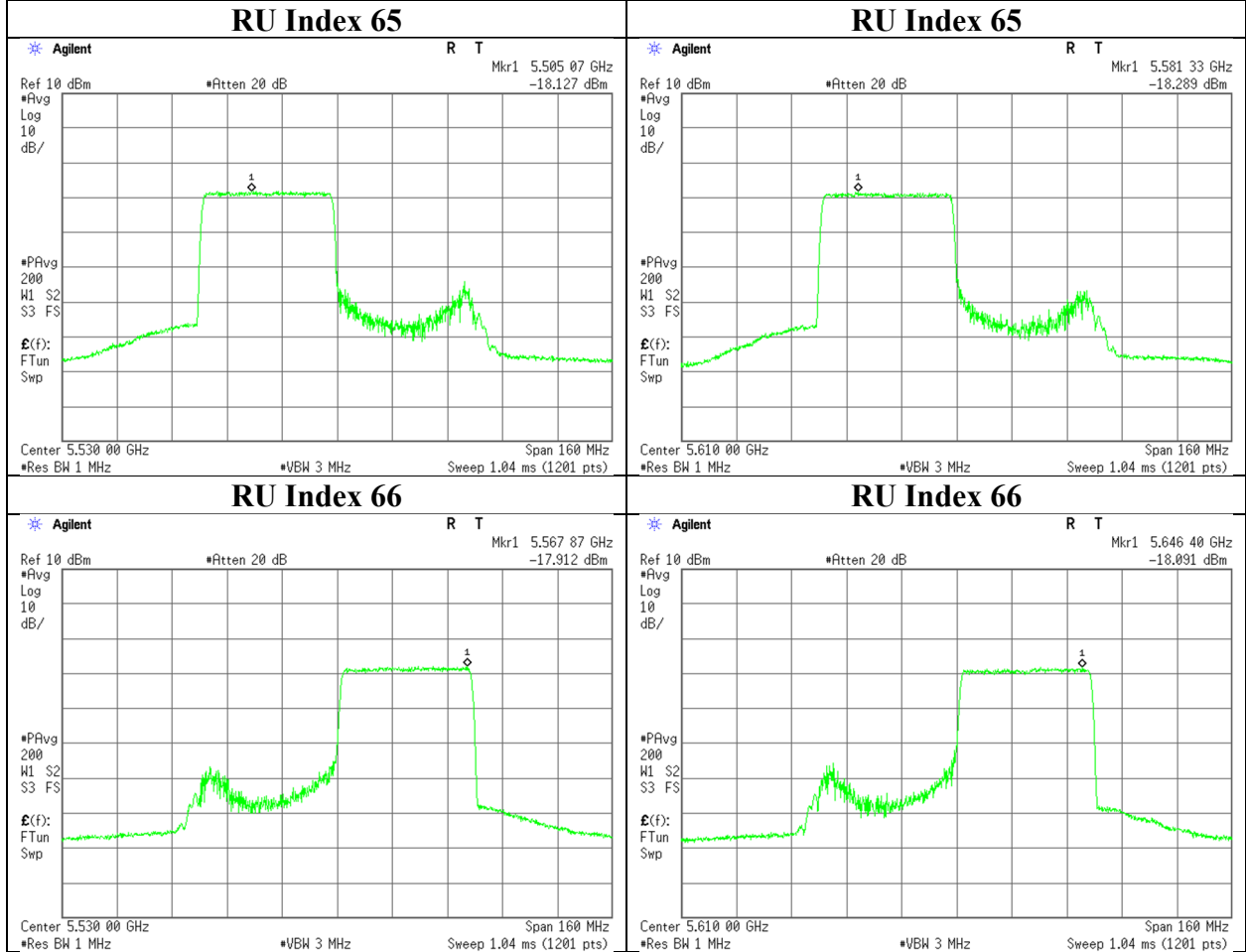


Maximum Power Spectral Density

11ax-80 (OFDMA) Antenna 3

484-tone RU 5530 MHz

484-tone RU 5610 MHz

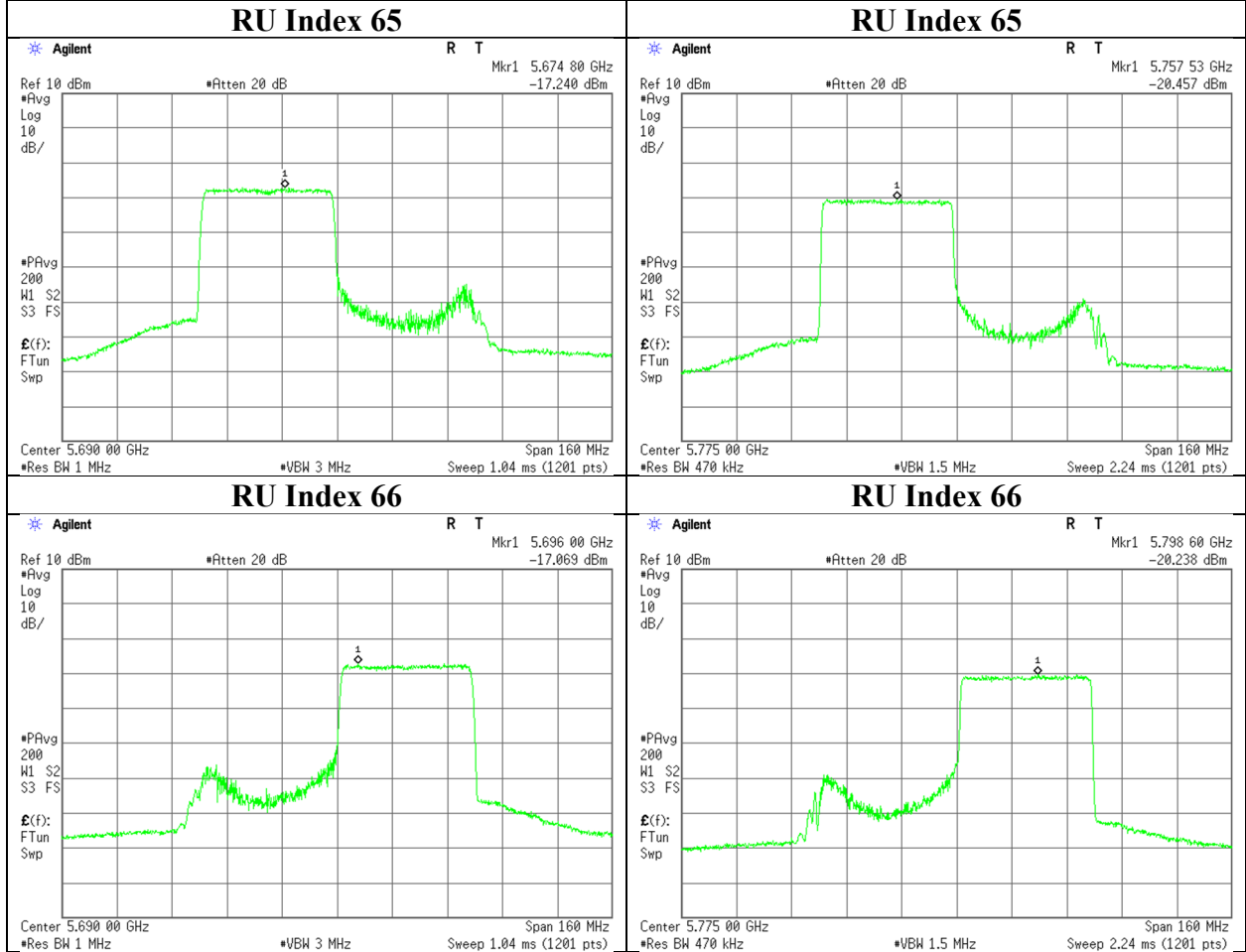


Maximum Power Spectral Density

11ax-80 (OFDMA) Antenna 3

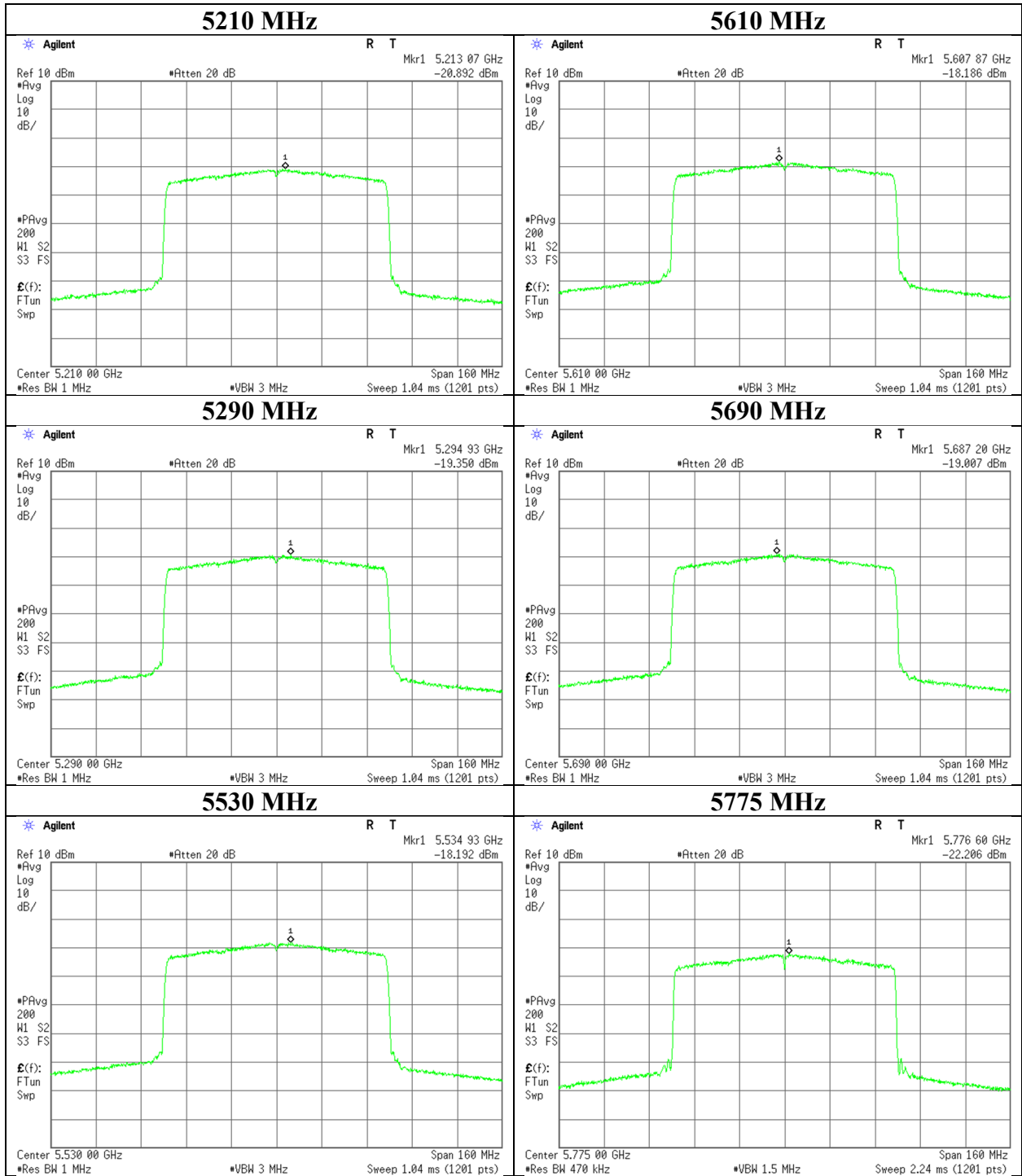
484-tone RU 5690 MHz

484-tone RU 5775 MHz



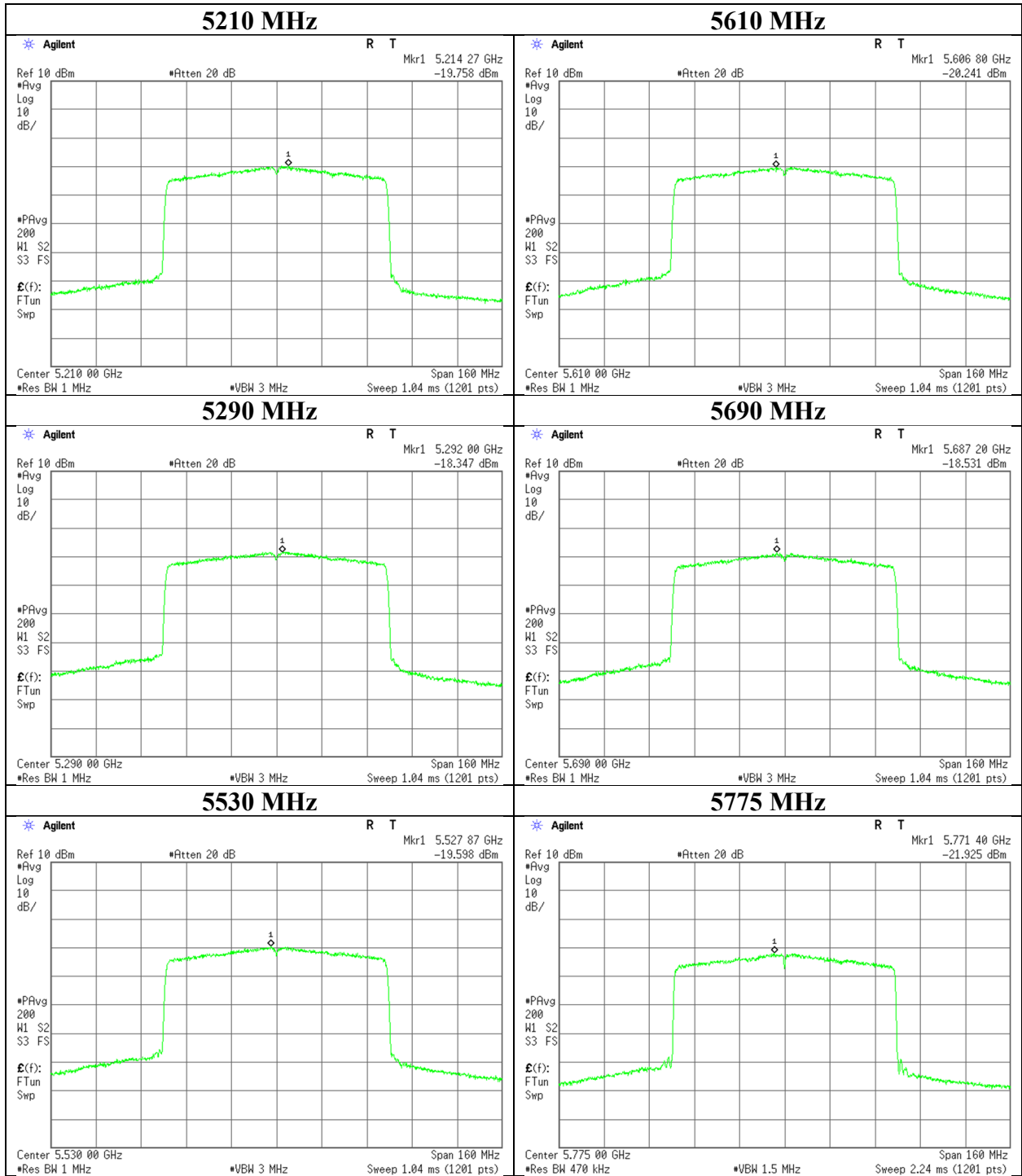
Maximum Power Spectral Density

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



Maximum Power Spectral Density

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



Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-20 5180 MHz (OFDM)			

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.	5150.0	47.2	37.7	31.9	6.1	31.6	-	53.6	44.1	73.9	53.9	20.3	9.8	
Hori.	10360.0	44.0	-	39.9	-2.4	33.3	-	48.3	-	68.2	-	19.9	-	
Hori.	15540.0	44.6	35.3	37.6	0.2	32.3	-	50.2	40.8	73.9	53.9	23.7	13.1	Floor noise
Vert.	5150.0	43.6	34.2	31.9	6.1	31.6	-	50.0	40.6	73.9	53.9	23.9	13.3	
Vert.	10360.0	43.1	-	39.9	-2.4	33.3	-	47.4	-	68.2	-	20.8	-	
Vert.	15540.0	43.5	35.5	37.6	0.2	32.3	-	49.1	41.0	73.9	53.9	24.8	12.9	Floor noise

Result = 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

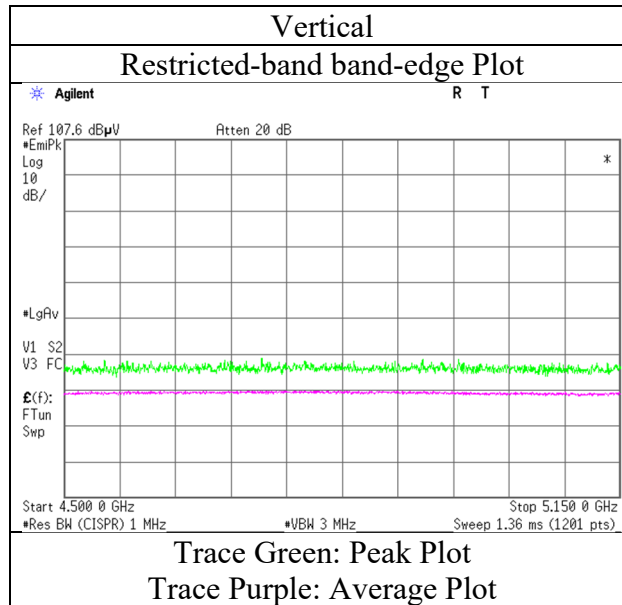
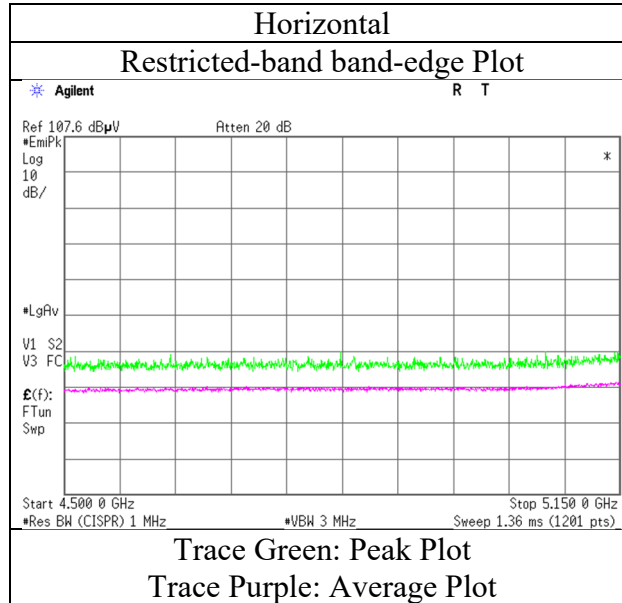
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 27, 2022
Temperature / Humidity	22 deg. C / 36 % RH
Engineer	Nachi Konegawa
	(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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-20 5260 MHz (OFDM)			

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.	10520.0	43.3	-	39.8	-2.3	33.3	-	47.5	-	68.2	-	20.7	-	
Hori.	15780.0	42.7	34.7	37.5	0.3	32.2	-	48.2	40.3	73.9	53.9	25.7	13.6	Floor noise
Vert.	10520.0	44.4	-	39.8	-2.3	33.3	-	48.6	-	68.2	-	19.6	-	
Vert.	15780.0	43.3	35.1	37.5	0.3	32.2	-	48.9	40.6	73.9	53.9	25.0	13.3	Floor noise

Result = 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	20log(3.9 m / 3.0 m) = 2.28 dB
	10 GHz - 40 GHz	20log(1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Hiroki Numata (10 GHz - 18 GHz)	Yuta Moriya (18 GHz - 26.5 GHz)	Hiroki Numata (26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5320 MHz (OFDM)			

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.	5350.0	49.7	40.5	31.7	6.2	31.6	-	55.9	46.7	73.9	53.9	18.0	7.2	
Hori.	10640.0	43.8	33.8	39.8	-2.3	33.3	-	48.0	38.0	73.9	53.9	25.9	15.9	
Hori.	15960.0	45.0	34.1	37.5	0.4	32.2	-	50.7	39.8	73.9	53.9	23.2	14.1	Floor noise
Vert.	5350.0	47.6	38.8	31.7	6.2	31.6	-	53.8	45.0	73.9	53.9	20.1	8.9	
Vert.	10640.0	43.8	36.0	39.8	-2.3	33.3	-	48.0	40.2	73.9	53.9	25.9	13.7	
Vert.	15960.0	43.5	35.3	37.5	0.4	32.2	-	49.2	41.1	73.9	53.9	24.7	12.9	Floor noise

Result = 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

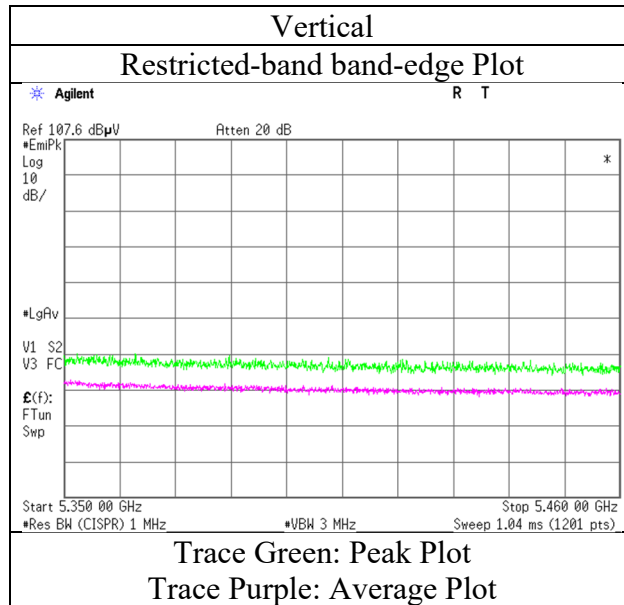
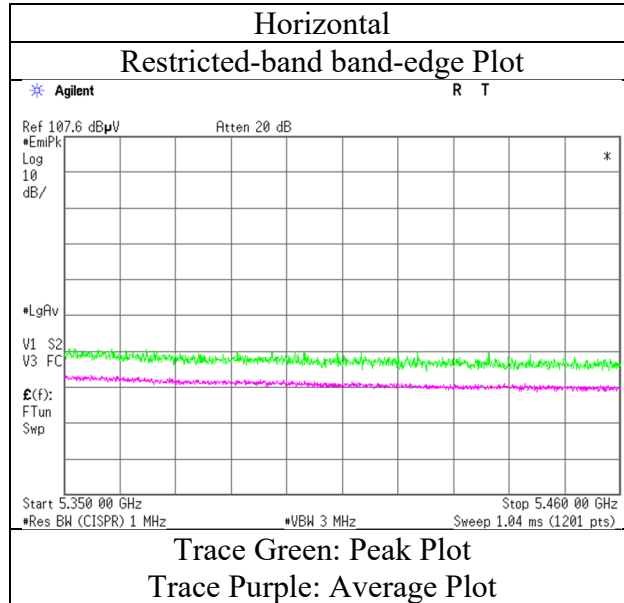
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2022
Temperature / Humidity	22 deg. C / 36 % RH
Engineer	Nachi Konegawa (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.					
Semi Anechoic Chamber	No.3	No.3	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022	February 10, 2022	February 10, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH	18 deg. C / 37 % RH	18 deg. C / 37 % RH
Engineer	Nachi Konegawa	Hiroki Numata	Yuta Moriya	Hiroki Numata	Yuichiro Yamazaki	Yuichiro Yamazaki
Mode	Tx 11ax-20 5500 MHz (OFDM)					

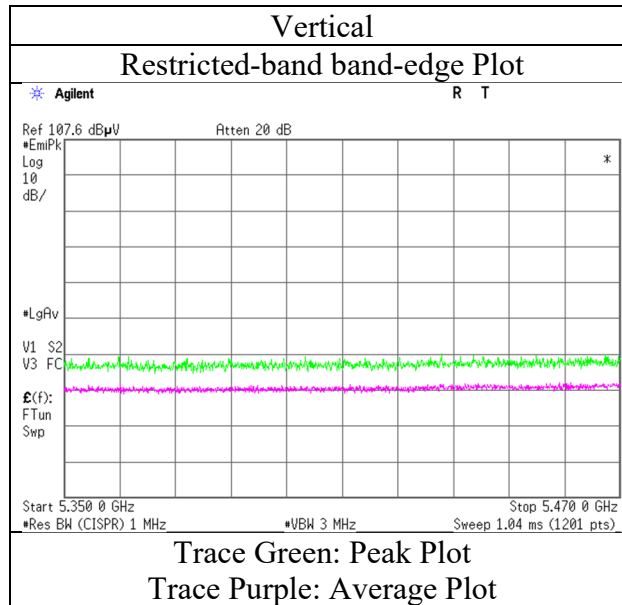
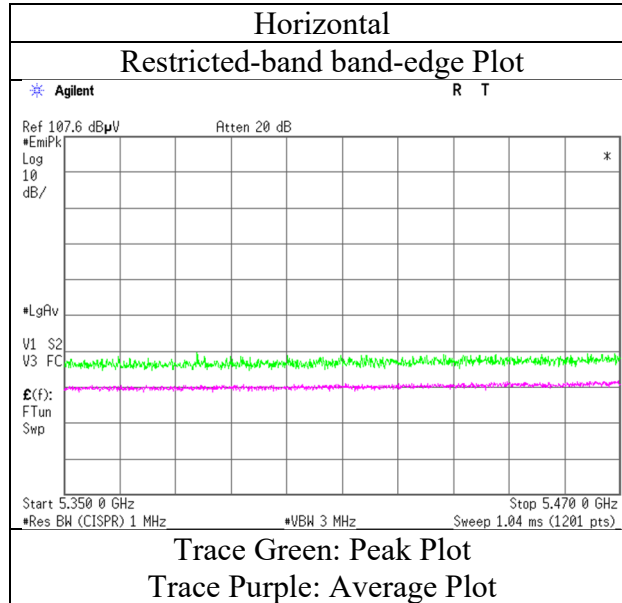
Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	75.0	41.3	-	6.5	7.8	32.3	-	23.3	-	40.0	-	16.7	-	
Hori.	337.7	34.6	-	15.2	10.3	32.1	-	28.0	-	46.0	-	18.0	-	
Hori.	375.1	41.0	-	15.3	10.6	32.1	-	34.7	-	46.0	-	11.3	-	
Hori.	620.1	36.0	-	19.5	12.1	32.1	-	35.5	-	46.0	-	10.5	-	Floor noise
Hori.	806.4	32.0	-	21.0	13.1	31.5	-	34.6	-	46.0	-	11.4	-	
Hori.	959.3	31.0	-	22.2	13.9	30.7	-	36.4	-	46.0	-	9.6	-	
Hori.	5460.0	46.2	36.8	31.9	6.2	31.7	-	52.7	43.3	68.2	53.9	15.5	10.6	
Hori.	5470.0	47.2	-	31.9	6.2	31.7	-	53.6	-	68.2	-	14.6	-	Floor noise
Hori.	11000.0	43.9	36.7	40.3	-2.2	33.3	-	48.7	41.5	73.9	53.9	25.3	12.4	
Hori.	16500.0	43.6	-	39.8	0.2	32.3	-	51.2	-	68.2	-	17.0	-	
Vert.	75.0	51.1	-	6.5	7.8	32.3	-	33.1	-	40.0	-	6.9	-	
Vert.	183.4	34.1	-	16.3	9.0	32.2	-	27.2	-	43.5	-	16.3	-	
Vert.	373.3	36.4	-	15.2	10.5	32.1	-	30.1	-	46.0	-	15.9	-	
Vert.	621.2	39.9	-	19.5	12.1	32.1	-	39.4	-	46.0	-	6.6	-	
Vert.	806.8	37.0	-	21.0	13.1	31.5	-	39.6	-	46.0	-	6.4	-	
Vert.	957.9	30.1	-	22.2	13.9	30.7	-	35.5	-	46.0	-	10.5	-	
Vert.	5460.0	47.0	37.0	31.9	6.2	31.7	-	53.4	43.4	68.2	53.9	14.8	10.5	
Vert.	5470.0	47.7	-	31.9	6.2	31.7	-	54.2	-	68.2	-	14.1	-	
Vert.	11000.0	43.7	36.2	40.3	-2.2	33.3	-	48.4	40.9	73.9	53.9	25.5	13.0	
Vert.	16500.0	42.6	-	39.8	0.2	32.3	-	50.2	-	68.2	-	18.0	-	

Result = 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 20log (3.9 m / 3.0 m) = 2.28 dB
 10 GHz - 40 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2022
Temperature / Humidity	22 deg. C / 36 % RH
Engineer	Nachi Konegawa (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Hiroki Numata (10 GHz - 18 GHz)	Yuta Moriya (18 GHz - 26.5 GHz)	Hiroki Numata (26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5580 MHz (OFDM)			

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.	11160.0	43.0	35.8	39.9	-2.1	33.3	-	47.5	40.3	73.9	53.9	26.4	13.6	
Hori.	16740.0	43.3	-	40.8	0.1	32.3	-	51.9	-	68.2	-	16.3	-	Floor noise
Vert.	11160.0	43.5	35.4	39.9	-2.1	33.3	-	48.0	39.9	73.9	53.9	25.9	14.0	
Vert.	16740.0	43.6	-	40.8	0.1	32.3	-	52.2	-	68.2	-	16.0	-	Floor noise

Result = 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	20log(3.9 m / 3.0 m) = 2.28 dB
	10 GHz - 40 GHz	20log(1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-20 5700 MHz (OFDM)			

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.	5725.0	49.7	-	32.1	6.3	31.7	-	56.5	-	68.2	-	11.7	-	
Hori.	11400.0	42.8	35.4	40.1	-1.9	33.2	-	47.8	40.5	73.9	53.9	26.1	13.5	
Hori.	17100.0	44.4	-	42.0	0.0	32.4	-	54.0	-	68.2	-	14.2	-	Floor noise
Vert.	5725.0	45.1	-	32.1	6.3	31.7	-	51.9	-	68.2	-	16.4	-	
Vert.	11400.0	43.0	35.4	40.1	-1.9	33.2	-	48.1	40.4	73.9	53.9	25.8	13.5	
Vert.	17100.0	43.9	-	42.0	0.0	32.4	-	53.5	-	68.2	-	14.7	-	Floor noise

Result = 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

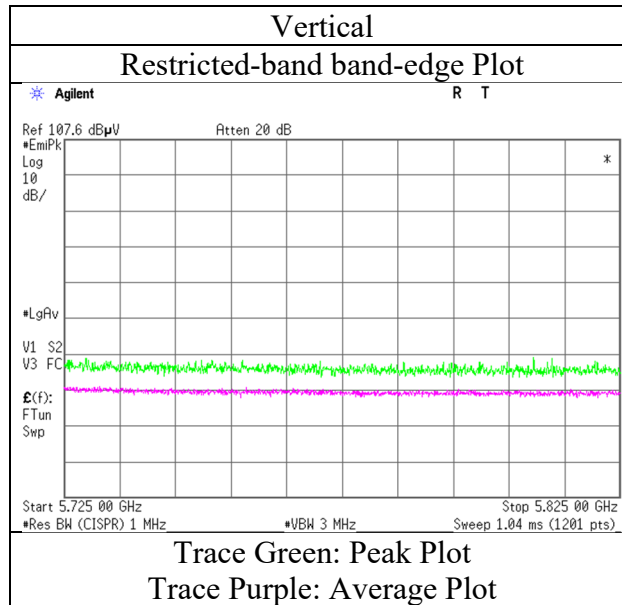
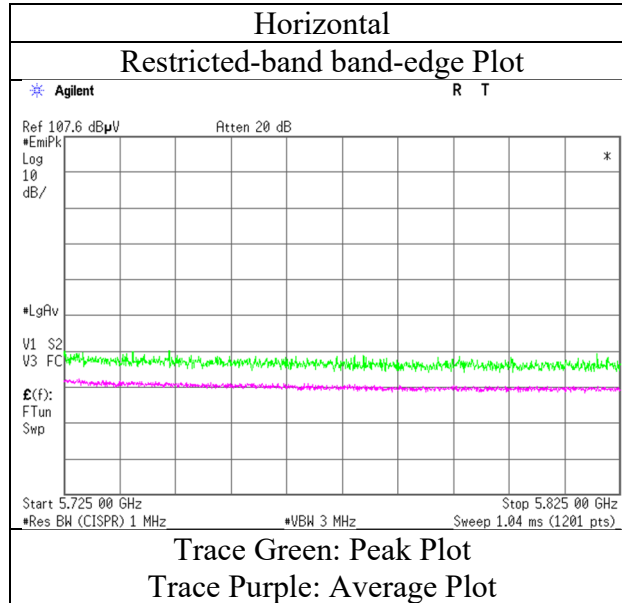
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 27, 2022
Temperature / Humidity	22 deg. C / 36 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-20 5745 MHz (OFDM)			

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.	5650.0	45.4	-	31.9	6.3	31.7	-	51.9	-	68.2	-	16.3	-	
Hori.	5700.0	46.1	-	32.1	6.3	31.7	-	52.8	-	105.2	-	52.4	-	
Hori.	5720.0	51.9	-	32.1	6.3	31.7	-	58.6	-	110.8	-	52.2	-	
Hori.	5725.0	66.2	-	32.1	6.3	31.7	-	72.9	-	122.2	-	49.3	-	
Hori.	11490.0	43.8	35.5	39.9	-1.8	33.2	-	48.7	40.4	73.9	53.9	25.2	13.5	
Hori.	17235.0	43.4	-	43.0	0.1	32.4	-	54.1	-	68.2	-	14.1	-	Floor noise
Vert.	5650.0	43.0	-	31.9	6.3	31.7	-	49.5	-	68.2	-	18.7	-	
Vert.	5700.0	44.3	-	32.1	6.3	31.7	-	51.0	-	105.2	-	54.2	-	
Vert.	5720.0	50.9	-	32.1	6.3	31.7	-	57.7	-	110.8	-	53.1	-	
Vert.	5725.0	65.0	-	32.1	6.3	31.7	-	71.8	-	122.2	-	50.4	-	
Vert.	11490.0	44.3	35.6	39.9	-1.8	33.2	-	49.3	40.6	73.9	53.9	24.6	13.4	
Vert.	17235.0	45.5	-	43.0	0.1	32.4	-	56.2	-	68.2	-	12.0	-	Floor noise

Result = 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

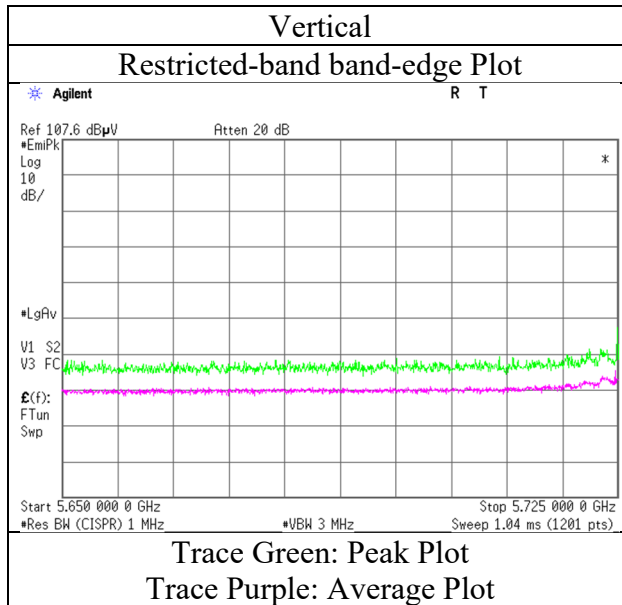
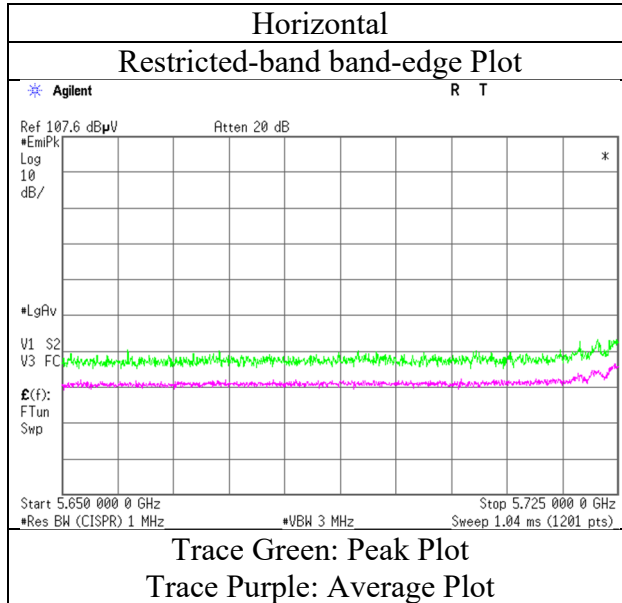
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 27, 2022
Temperature / Humidity	22 deg. C / 36 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)	Hiroki Numata (10 GHz - 18 GHz)	Yuta Moriya (18 GHz - 26.5 GHz)	Hiroki Numata (26.5 GHz - 40 GHz)
Mode	Tx 11ax-20 5785 MHz (OFDM)			

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.	11570.0	42.7	35.3	39.5	-1.8	33.1	-	47.4	39.9	73.9	53.9	26.5	14.0	
Hori.	17355.0	44.0	-	44.0	0.1	32.3	-	55.8	-	68.2	-	12.4	-	Floor noise
Vert.	11570.0	44.2	35.8	39.5	-1.8	33.1	-	48.8	40.5	73.9	53.9	25.1	13.4	
Vert.	17355.0	42.8	-	44.0	0.1	32.3	-	54.6	-	68.2	-	13.6	-	Floor noise

Result = 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	20log(3.9 m / 3.0 m) = 2.28 dB
	10 GHz - 40 GHz	20log(1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 27, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	22 deg. C / 36 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Nachi Konegawa	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-20 5825 MHz (OFDM)			

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.	5850.0	50.4	-	32.5	6.4	31.7	-	57.5	-	122.2	-	64.7	-	
Hori.	5855.0	48.9	-	32.5	6.4	31.7	-	56.0	-	110.8	-	54.8	-	
Hori.	5875.0	45.0	-	32.5	6.4	31.7	-	52.1	-	105.2	-	53.1	-	
Hori.	5925.0	44.6	-	32.5	6.4	31.7	-	51.8	-	68.2	-	16.4	-	
Hori.	11650.0	43.5	35.9	39.2	-1.7	33.1	-	47.9	40.3	73.9	53.9	26.1	13.6	
Hori.	17475.0	43.7	-	44.7	0.2	32.3	-	56.3	-	68.2	-	11.9	-	Floor noise
Vert.	5850.0	49.7	-	32.5	6.4	31.7	-	56.8	-	122.2	-	65.4	-	
Vert.	5855.0	47.2	-	32.5	6.4	31.7	-	54.3	-	110.8	-	56.5	-	
Vert.	5875.0	43.2	-	32.5	6.4	31.7	-	50.3	-	105.2	-	54.9	-	
Vert.	5925.0	42.4	-	32.5	6.4	31.7	-	49.6	-	68.2	-	18.6	-	
Vert.	11650.0	43.7	36.3	39.2	-1.7	33.1	-	48.1	40.7	73.9	53.9	25.8	13.2	
Vert.	17475.0	43.0	-	44.7	0.2	32.3	-	55.6	-	68.2	-	12.6	-	Floor noise

Result = 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

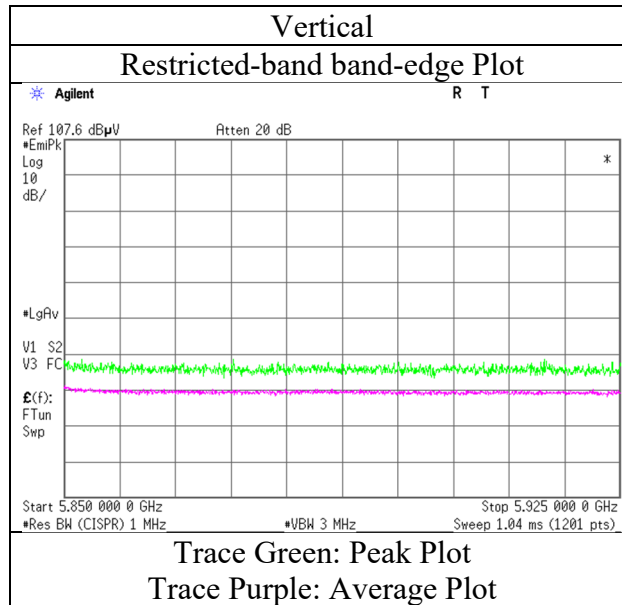
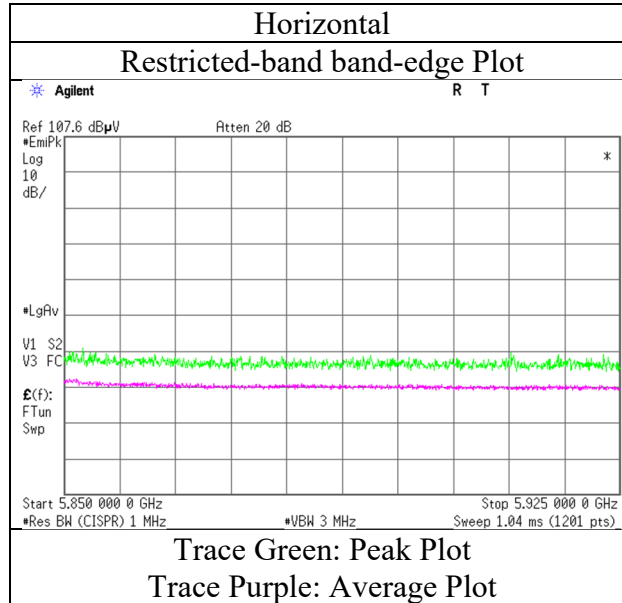
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 27, 2022
Temperature / Humidity	22 deg. C / 36 % RH
Engineer	Nachi Konegawa (1 GHz - 10 GHz)
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

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-40 5190 MHz (OFDM)			

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.	5150.0	51.3	40.7	31.9	6.1	31.6	-	57.7	47.1	73.9	53.9	16.2	6.8	
Hori.	10380.0	42.8	-	39.9	-2.3	33.3	-	47.1	-	68.2	-	21.1	-	
Hori.	15570.0	43.5	35.9	37.7	0.2	32.3	-	49.1	41.5	73.9	53.9	24.8	12.4	Floor noise
Vert.	5150.0	51.0	40.0	31.9	6.1	31.6	-	57.4	46.4	73.9	53.9	16.5	7.5	
Vert.	10380.0	43.9	-	39.9	-2.3	33.3	-	48.2	-	68.2	-	20.0	-	
Vert.	15570.0	43.4	35.6	37.7	0.2	32.3	-	49.0	41.2	73.9	53.9	24.9	12.7	Floor noise

Result = 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

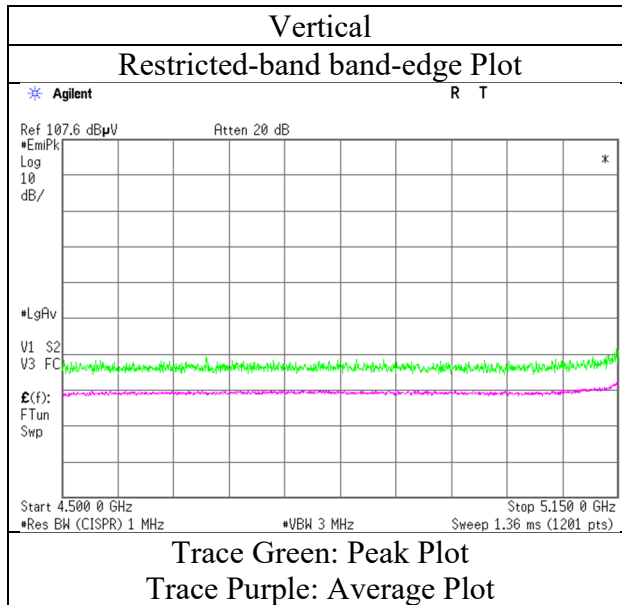
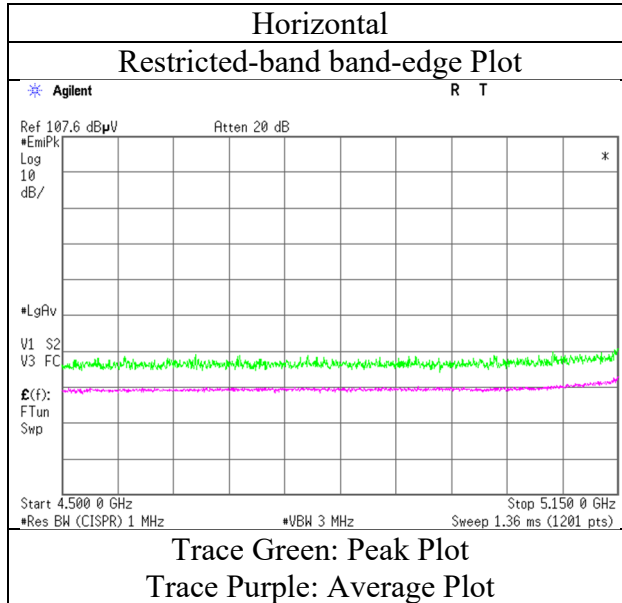
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 30, 2022
Temperature / Humidity 20 deg. C / 30 % RH
Engineer Takafumi Noguchi
 (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	Tx 11ax-40 5270 MHz (OFDM)			

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.	10540.0	42.4	-	39.8	-2.3	33.3	-	46.6	-	68.2	-	21.6	-	
Hori.	15810.0	42.7	35.2	37.5	0.3	32.2	-	48.3	40.8	73.9	53.9	25.6	13.1	Floor noise
Vert.	10540.0	42.6	-	39.8	-2.3	33.3	-	46.8	-	68.2	-	21.4	-	
Vert.	15810.0	42.8	35.2	37.5	0.3	32.2	-	48.4	40.8	73.9	53.9	25.5	13.1	Floor noise

Result = 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	20log (3.9 m / 3.0 m) = 2.28 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-40 5310 MHz (OFDM)			

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.	5350.0	50.3	40.7	31.7	6.2	31.6	-	56.5	46.9	73.9	53.9	17.4	7.0	
Hori.	10620.0	42.4	35.1	39.8	-2.3	33.3	-	46.6	39.3	73.9	53.9	27.3	14.6	
Hori.	15930.0	42.3	35.2	37.5	0.4	32.2	-	47.9	40.9	73.9	53.9	26.0	13.0	Floor noise
Vert.	5350.0	49.7	39.8	31.7	6.2	31.6	-	55.9	46.0	73.9	53.9	18.0	7.9	
Vert.	10620.0	42.6	35.1	39.8	-2.3	33.3	-	46.8	39.4	73.9	53.9	27.1	14.5	
Vert.	15930.0	43.0	35.4	37.5	0.4	32.2	-	48.7	41.1	73.9	53.9	25.3	12.8	Floor noise

Result = 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

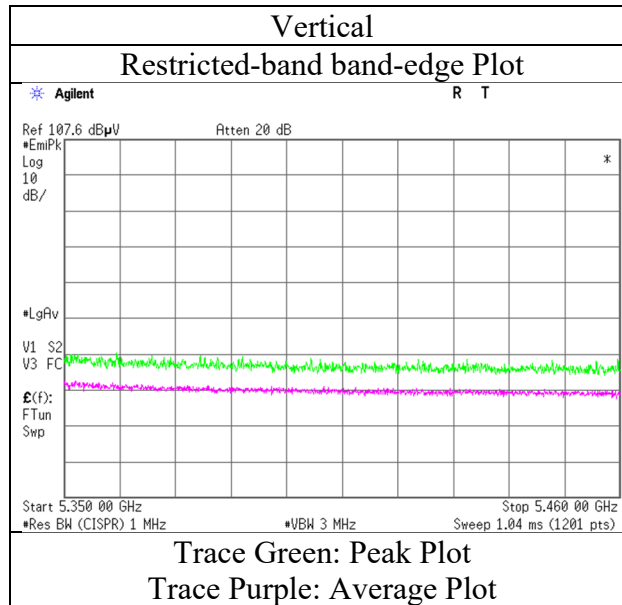
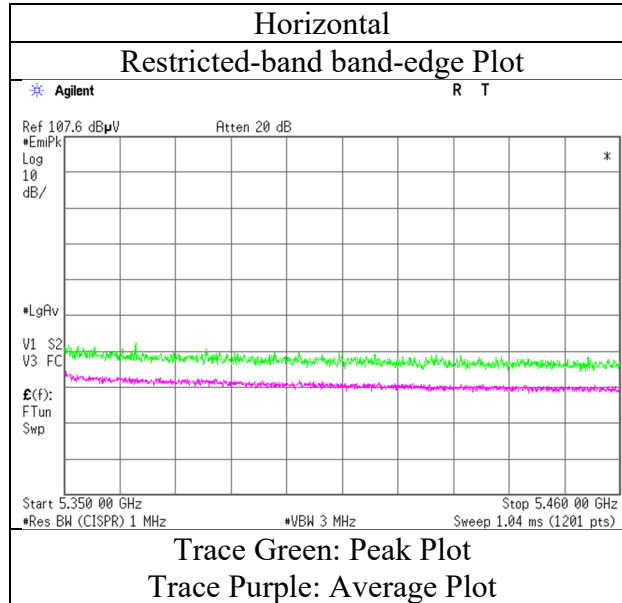
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 30, 2022
Temperature / Humidity	20 deg. C / 30 % RH
Engineer	Takafumi Noguchi (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Hiroki Numata	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5510 MHz (OFDM)			

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	50.8	41.1	31.9	6.2	31.7	-	57.2	47.5	68.2	53.9	11.0	6.4	
Hori.	5470.0	54.0	-	31.9	6.2	31.7	-	60.5	-	68.2	-	7.7	-	
Hori.	11020.0	43.9	35.4	40.2	-2.2	33.3	-	48.6	40.1	73.9	53.9	25.3	13.8	
Hori.	16530.0	43.4	-	40.0	0.2	32.3	-	51.3	-	68.2	-	16.9	-	Floor noise
Vert.	5460.0	49.2	39.5	31.9	6.2	31.7	-	55.6	45.9	68.2	53.9	12.6	8.0	
Vert.	5470.0	52.8	-	31.9	6.2	31.7	-	59.3	-	68.2	-	8.9	-	
Vert.	11020.0	43.8	35.6	40.2	-2.2	33.3	-	48.4	40.3	73.9	53.9	25.5	13.6	
Vert.	16530.0	43.2	-	40.0	0.2	32.3	-	51.1	-	68.2	-	17.1	-	Floor noise

Result = 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

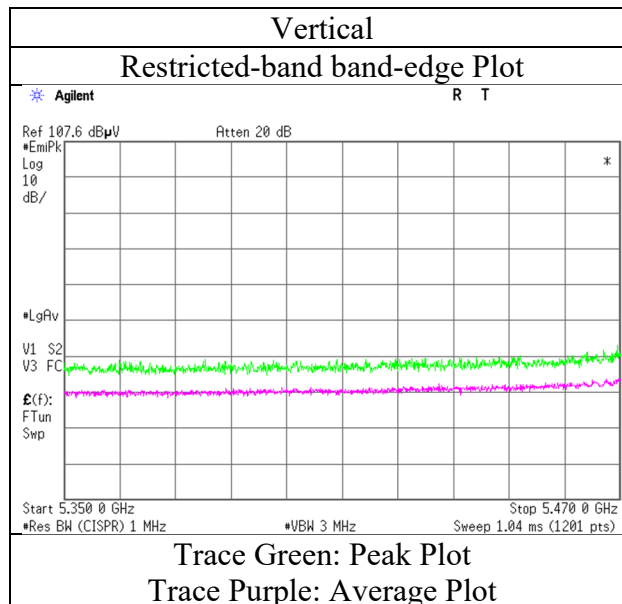
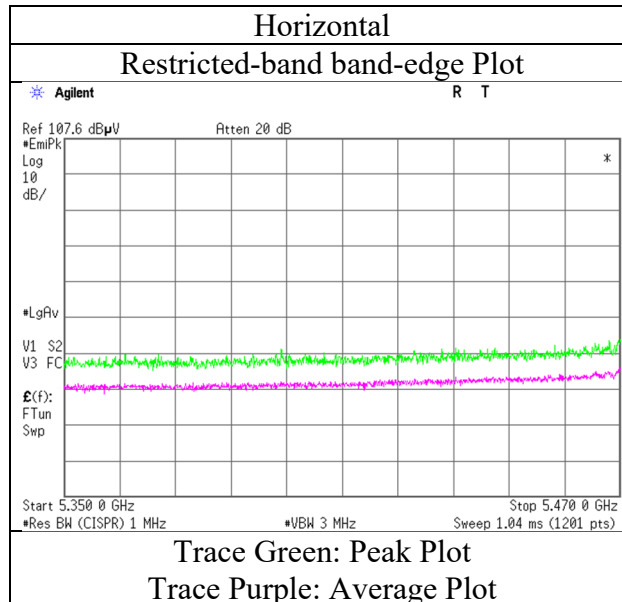
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 30, 2022
Temperature / Humidity	20 deg. C / 30 % RH
Engineer	Takafumi Noguchi (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-40 5550 MHz (OFDM)			

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.	11100.0	42.6	35.0	40.0	-2.1	33.3	-	47.1	39.6	73.9	53.9	26.8	14.4	
Hori.	16650.0	42.6	-	40.6	0.1	32.3	-	50.9	-	68.2	-	17.3	-	Floor noise
Vert.	11100.0	43.3	35.7	40.0	-2.1	33.3	-	47.9	40.2	73.9	53.9	26.1	13.7	
Vert.	16650.0	42.2	-	40.6	0.1	32.3	-	50.5	-	68.2	-	17.7	-	Floor noise

Result = 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	20log(3.9 m / 3.0 m) = 2.28 dB
	10 GHz - 40 GHz	20log(1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	21 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Hiroki Numata	Yuta Moriya	Hiroki Numata
Mode	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
	Tx 11ax-40 5670 MHz (OFDM)			

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.	5725.0	47.7	-	32.1	6.3	31.7	-	54.5	-	68.2	-	13.7	-	
Hori.	11340.0	42.8	34.7	40.1	-1.9	33.2	-	47.7	39.6	73.9	53.9	26.2	14.3	
Hori.	17010.0	43.5	-	41.6	-0.1	32.4	-	52.6	-	68.2	-	15.6	-	Floor noise
Vert.	5725.0	46.5	-	32.1	6.3	31.7	-	53.3	-	68.2	-	14.9	-	
Vert.	11340.0	43.7	35.2	40.1	-1.9	33.2	-	48.6	40.2	73.9	53.9	25.3	13.8	
Vert.	17010.0	43.2	-	41.6	-0.1	32.4	-	52.3	-	68.2	-	15.9	-	Floor noise

Result = 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

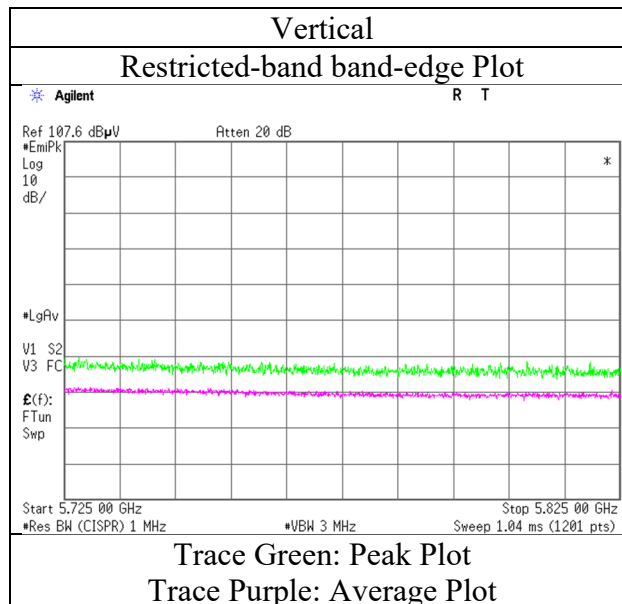
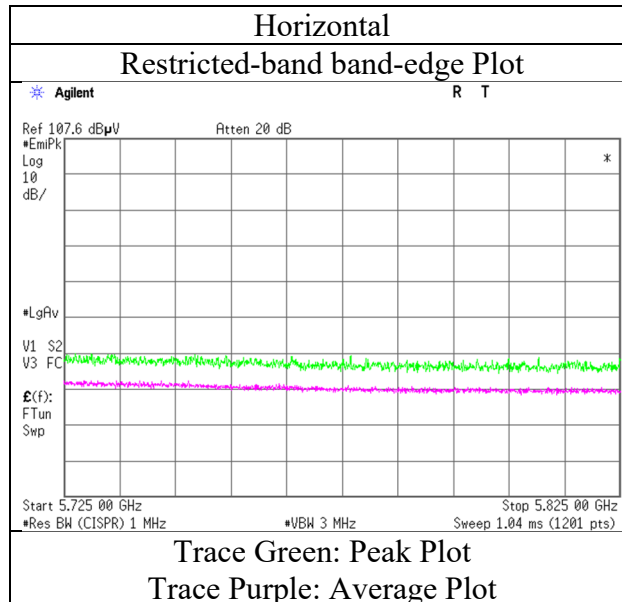
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 30, 2022
Temperature / Humidity	20 deg. C / 30 % RH
Engineer	Takafumi Noguchi (1 GHz - 10 GHz)
Mode	Tx 11ax-20 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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	20 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Yuta Moriya	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5755 MHz (OFDM)			

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.	5650.0	48.2	-	31.9	6.3	31.7	-	54.8	-	68.2	-	13.4	-	
Hori.	5700.0	49.9	-	32.1	6.3	31.7	-	56.6	-	105.2	-	48.6	-	
Hori.	5720.0	55.6	-	32.1	6.3	31.7	-	62.4	-	110.8	-	48.4	-	
Hori.	5725.0	57.2	-	32.1	6.3	31.7	-	64.0	-	122.2	-	58.2	-	
Hori.	11510.0	43.7	34.9	39.8	-1.8	33.2	-	48.6	39.7	73.9	53.9	25.3	14.2	
Hori.	17265.0	44.7	-	43.3	0.1	32.3	-	55.7	-	68.2	-	12.5	-	Floor noise
Vert.	5650.0	46.5	-	31.9	6.3	31.7	-	53.1	-	68.2	-	15.1	-	
Vert.	5700.0	48.3	-	32.1	6.3	31.7	-	55.0	-	105.2	-	50.2	-	
Vert.	5720.0	54.1	-	32.1	6.3	31.7	-	60.9	-	110.8	-	49.9	-	
Vert.	5725.0	55.7	-	32.1	6.3	31.7	-	62.5	-	122.2	-	59.7	-	
Vert.	11510.0	43.9	35.4	39.8	-1.8	33.2	-	48.8	40.3	73.9	53.9	25.1	13.6	
Vert.	17265.0	44.6	-	43.3	0.1	32.3	-	55.6	-	68.2	-	12.7	-	Floor noise

Result = 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

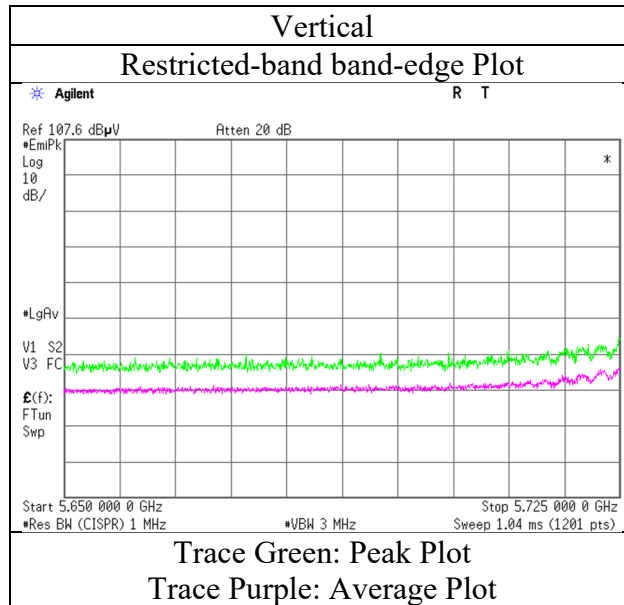
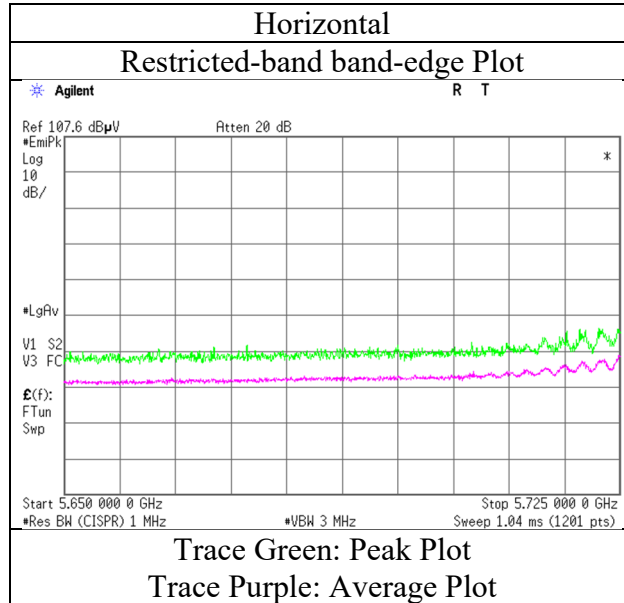
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 30, 2022
Temperature / Humidity	20 deg. C / 30 % RH
Engineer	Takafumi Noguchi (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 30 % RH	20 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Takafumi Noguchi	Yuta Moriya	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-40 5795 MHz (OFDM)			

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.	5850.0	49.3	-	32.5	6.4	31.7	-	56.4	-	122.2	-	65.8	-	
Hori.	5855.0	47.6	-	32.5	6.4	31.7	-	54.7	-	110.8	-	56.1	-	
Hori.	5875.0	47.1	-	32.5	6.4	31.7	-	54.3	-	105.2	-	50.9	-	
Hori.	5925.0	44.9	-	32.5	6.4	31.7	-	52.1	-	68.2	-	16.1	-	
Hori.	11590.0	43.0	34.9	39.5	-1.7	33.1	-	47.6	39.4	73.9	53.9	26.4	14.5	
Hori.	17385.0	43.1	-	44.3	0.1	32.3	-	55.2	-	68.2	-	13.0	-	Floor Noise
Vert.	5850.0	48.5	-	32.5	6.4	31.7	-	55.6	-	122.2	-	66.6	-	
Vert.	5855.0	47.0	-	32.5	6.4	31.7	-	54.1	-	110.8	-	56.7	-	
Vert.	5875.0	46.1	-	32.5	6.4	31.7	-	53.3	-	105.2	-	51.9	-	
Vert.	5925.0	44.2	-	32.5	6.4	31.7	-	51.4	-	68.2	-	16.8	-	
Vert.	11590.0	43.2	35.6	39.5	-1.7	33.1	-	47.8	40.2	73.9	53.9	26.1	13.7	
Vert.	17385.0	43.3	-	44.3	0.1	32.3	-	55.4	-	68.2	-	12.8	-	Floor Noise

Result = 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

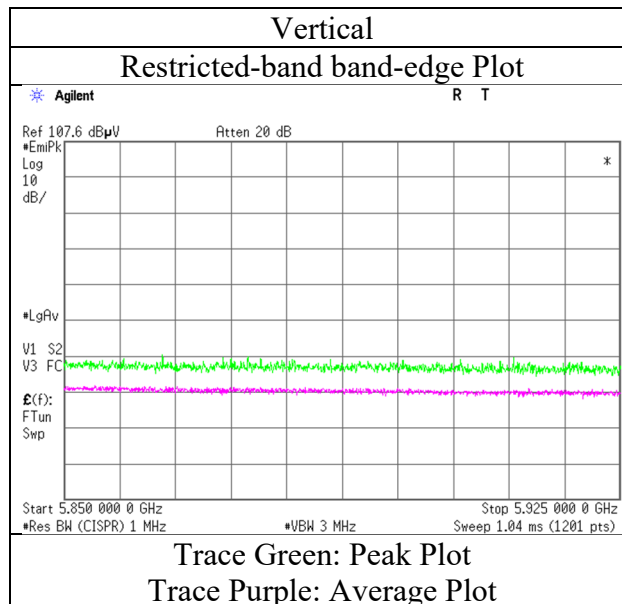
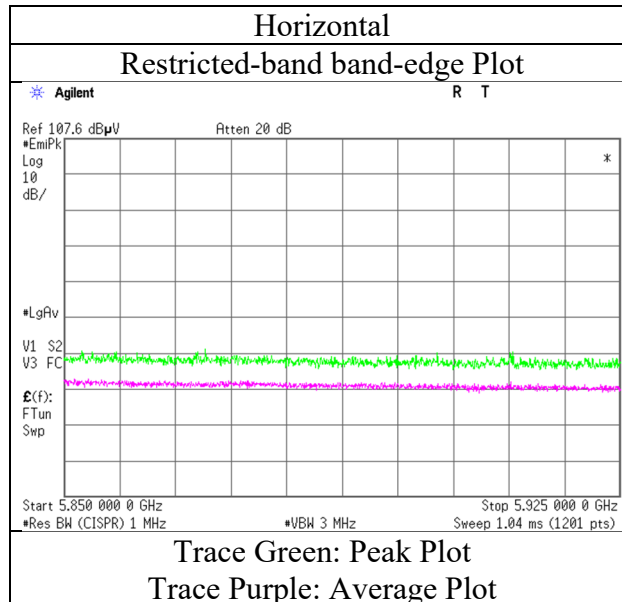
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 30, 2022
Temperature / Humidity	20 deg. C / 30 % RH
Engineer	Takafumi Noguchi (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 35 % RH	20 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Yuta Moriya	Yuta Moriya	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5210 MHz (OFDM)			

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.	5150.0	51.5	40.8	31.9	6.1	31.6	0.1	57.9	47.4	73.9	53.9	16.0	6.5	*1)
Hori.	10420.0	41.5	-	39.9	-2.3	33.3	-	45.8	-	68.2	-	22.4	-	Floor noise
Hori.	15630.0	44.2	36.0	37.6	0.2	32.2	-	49.8	41.6	73.9	53.9	24.1	12.3	Floor noise
Vert.	5150.0	50.3	39.6	31.9	6.1	31.6	0.1	56.7	46.2	73.9	53.9	17.3	7.7	*1)
Vert.	10420.0	41.0	-	39.9	-2.3	33.3	-	45.3	-	68.2	-	22.9	-	Floor noise
Vert.	15630.0	44.5	36.0	37.6	0.2	32.2	-	50.0	41.5	73.9	53.9	23.9	12.4	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).

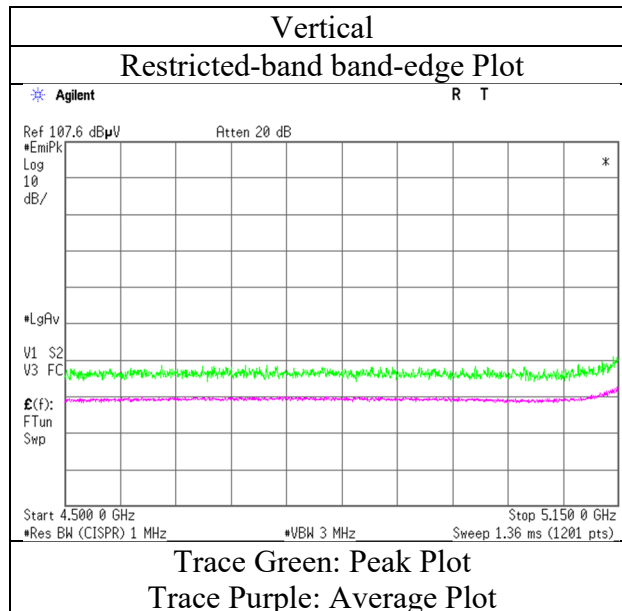
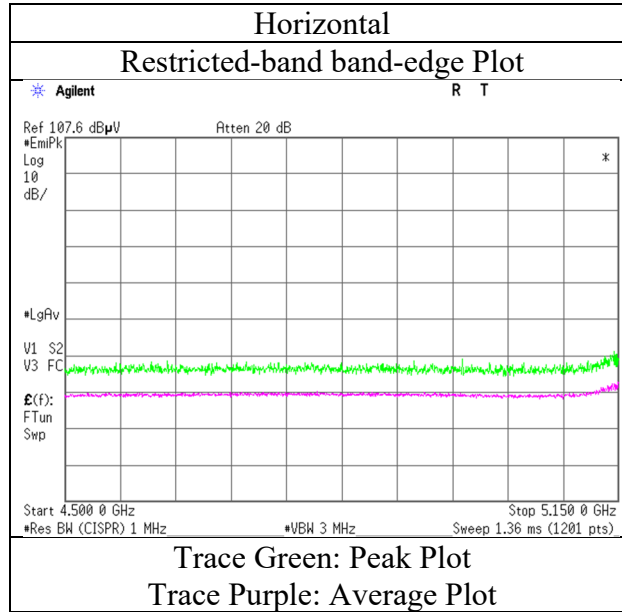
*QP detector was used up to 1GHz.

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

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

Radiated Spurious Emission

Test place Ise EMC Lab.
Semi Anechoic Chamber No.3
Date January 30, 2022
Temperature / Humidity 20 deg. C / 35 % RH
Engineer Yuta Moriya
(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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 35 % RH	20 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Yuta Moriya	Yuta Moriya	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5290 MHz (OFDM)			

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.	5350.0	51.5	42.8	31.7	6.2	31.6	0.1	57.7	49.2	73.9	53.9	16.2	4.7	*1)
Hori.	10580.0	41.8	-	39.8	-2.3	33.3	-	46.0	-	68.2	-	22.2	-	Floor noise
Hori.	15870.0	43.2	35.2	37.5	0.4	32.2	-	48.8	40.8	73.9	53.9	25.1	13.1	Floor noise
Vert.	5350.0	49.2	39.0	31.7	6.2	31.6	0.1	55.4	45.3	73.9	53.9	18.5	8.6	*1)
Vert.	10580.0	40.6	-	39.8	-2.3	33.3	-	44.8	-	68.2	-	23.4	-	Floor noise
Vert.	15870.0	43.6	35.9	37.5	0.4	32.2	-	49.2	41.5	73.9	53.9	24.7	12.4	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	20log(3.9 m / 3.0 m) = 2.28 dB
	10 GHz - 40 GHz	20log(1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 35 % RH	20 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Yuta Moriya	Yuta Moriya	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5530 MHz (OFDM)			

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	51.5	42.0	31.9	6.2	31.7	0.1	57.9	48.5	68.2	53.9	10.3	5.4	*1)
Hori.	5470.0	54.6	-	31.9	6.2	31.7	-	61.1	-	68.2	-	7.1	-	-
Hori.	11060.0	42.8	34.5	40.1	-2.2	33.3	-	47.4	39.1	73.9	53.9	26.5	14.8	Floor noise
Hori.	16590.0	43.7	-	40.2	0.1	32.3	-	51.7	-	68.2	-	16.5	-	Floor noise
Vert.	5460.0	51.0	40.2	31.9	6.2	31.7	0.1	57.4	46.7	68.2	53.9	10.8	7.2	*1)
Vert.	5470.0	54.1	-	31.9	6.2	31.7	-	60.6	-	68.2	-	7.6	-	-
Vert.	11060.0	42.9	34.5	40.1	-2.2	33.3	-	47.5	39.1	73.9	53.9	26.4	14.8	Floor noise
Vert.	16590.0	43.0	-	40.2	0.1	32.3	-	51.0	-	68.2	-	17.3	-	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).

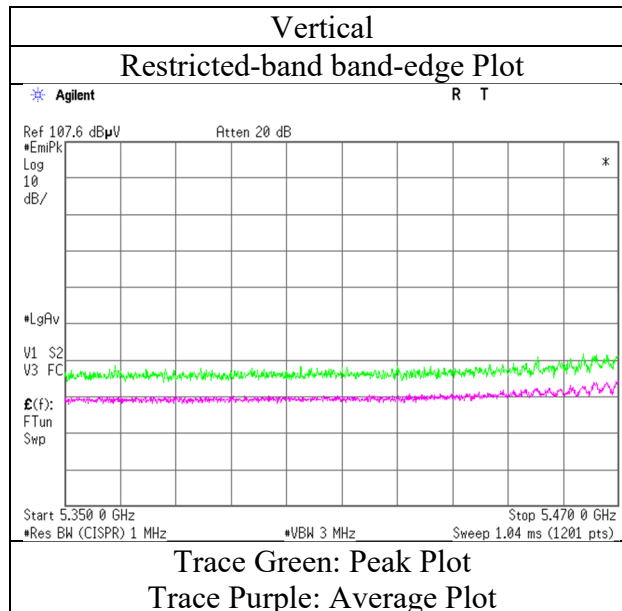
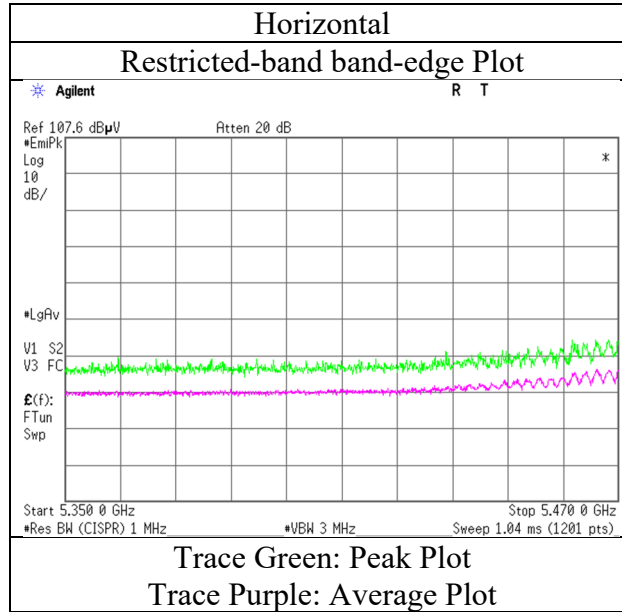
*QP detector was used up to 1GHz.

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.3
Date	January 30, 2022
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Yuta Moriya (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.

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 35 % RH	20 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Yuta Moriya	Yuta Moriya	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5610 MHz (OFDM)			

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.	5725.0	44.1	-	32.1	6.3	31.7	-	50.8	-	68.2	-	17.4	-	
Hori.	11220.0	41.5	34.0	39.9	-2.0	33.3	-	46.1	38.6	73.9	53.9	27.8	15.3	Floor noise
Hori.	16830.0	42.6	-	41.1	0.0	32.4	-	51.4	-	68.2	-	16.8	-	Floor noise
Vert.	5725.0	43.9	-	32.1	6.3	31.7	-	50.6	-	68.2	-	17.6	-	
Vert.	11220.0	41.6	34.3	39.9	-2.0	33.3	-	46.2	38.9	73.9	53.9	27.7	15.0	Floor noise
Vert.	16830.0	43.0	-	41.1	0.0	32.4	-	51.7	-	68.2	-	16.5	-	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.

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.3	No.3	No.3	No.3
Date	January 30, 2022	February 2, 2022	February 3, 2022	February 4, 2022
Temperature / Humidity	20 deg. C / 35 % RH	20 deg. C / 35 % RH	21 deg. C / 35 % RH	21 deg. C / 36 % RH
Engineer	Yuta Moriya	Yuta Moriya	Yuta Moriya	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)
Mode	Tx 11ax-80 5690 MHz (OFDM)			

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.	11380.0	41.7	34.2	40.1	-1.9	33.2	-	46.7	39.2	73.9	53.9	27.2	14.7	Floor noise
Hori.	17070.0	43.8	-	41.8	-0.1	32.4	-	53.2	-	68.2	-	15.0	-	Floor noise
Vert.	11380.0	42.3	34.3	40.1	-1.9	33.2	-	47.3	39.3	73.9	53.9	26.6	14.6	Floor noise
Vert.	17070.0	43.5	-	41.8	-0.1	32.4	-	52.9	-	68.2	-	15.3	-	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.

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

Radiated Spurious Emission

Test place Ise EMC Lab.
 Semi Anechoic Chamber No.3 No.3 No.3 No.3
 Date January 30, 2022 February 2, 2022 February 3, 2022 February 4, 2022
 Temperature / Humidity 20 deg. C / 35 % RH 20 deg. C / 35 % RH 21 deg. C / 35 % RH 21 deg. C / 36 % RH
 Engineer Yuta Moriya Yuta Moriya Yuta Moriya Hiroki Numata
 (1 GHz - 10 GHz) (10 GHz - 18 GHz) (18 GHz - 26.5 GHz) (26.5 GHz - 40 GHz)
 Mode Tx 11ax-80 5775 MHz (OFDM)

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.	5650.0	45.0	-	31.9	6.3	31.7	-	51.6	-	68.2	-	16.7	-	
Hori.	5700.0	51.9	-	32.1	6.3	31.7	-	58.6	-	105.2	-	46.6	-	
Hori.	5720.0	55.1	-	32.1	6.3	31.7	-	61.9	-	110.8	-	48.9	-	
Hori.	5725.0	58.1	-	32.1	6.3	31.7	-	64.8	-	122.2	-	57.4	-	
Hori.	5850.0	49.4	-	32.5	6.4	31.7	-	56.5	-	122.2	-	65.7	-	
Hori.	5855.0	48.3	-	32.5	6.4	31.7	-	55.4	-	110.8	-	55.4	-	
Hori.	5875.0	45.3	-	32.5	6.4	31.7	-	52.5	-	105.2	-	52.8	-	
Hori.	5925.0	42.5	-	32.5	6.4	31.7	-	49.7	-	68.2	-	18.5	-	
Hori.	11550.0	42.1	33.8	39.6	-1.8	33.1	-	46.8	38.6	73.9	53.9	27.1	15.4	Floor noise
Hori.	17325.0	43.8	-	43.8	0.1	32.3	-	55.3	-	68.2	-	12.9	-	Floor noise
Vert.	5650.0	44.3	-	31.9	6.3	31.7	-	50.9	-	68.2	-	17.3	-	
Vert.	5700.0	51.0	-	32.1	6.3	31.7	-	57.7	-	105.2	-	47.5	-	
Vert.	5720.0	53.6	-	32.1	6.3	31.7	-	60.4	-	110.8	-	50.4	-	
Vert.	5725.0	56.6	-	32.1	6.3	31.7	-	63.4	-	122.2	-	58.8	-	
Vert.	5850.0	47.6	-	32.5	6.4	31.7	-	54.7	-	122.2	-	67.5	-	
Vert.	5855.0	46.7	-	32.5	6.4	31.7	-	53.8	-	110.8	-	57.0	-	
Vert.	5875.0	43.9	-	32.5	6.4	31.7	-	51.1	-	105.2	-	54.1	-	
Vert.	5925.0	42.9	-	32.5	6.4	31.7	-	50.1	-	68.2	-	18.1	-	
Vert.	11550.0	41.0	33.8	39.6	-1.8	33.1	-	45.8	38.5	73.9	53.9	28.2	15.4	Floor noise
Vert.	17325.0	43.6	-	43.8	0.1	32.3	-	55.2	-	68.2	-	13.0	-	Floor noise

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

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