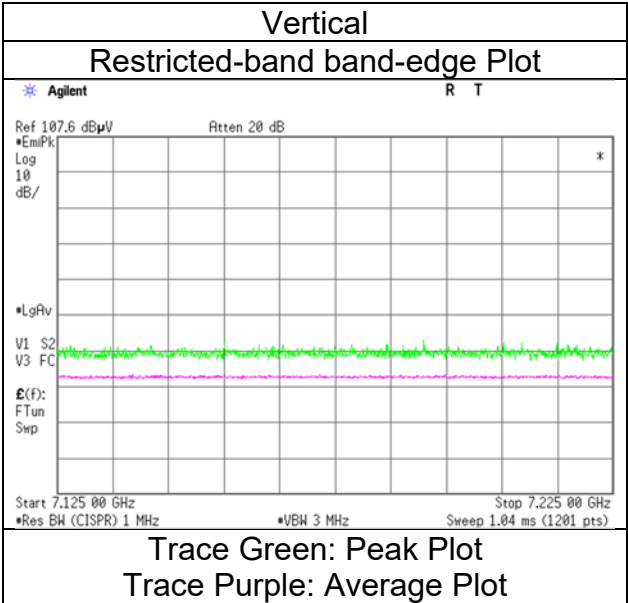
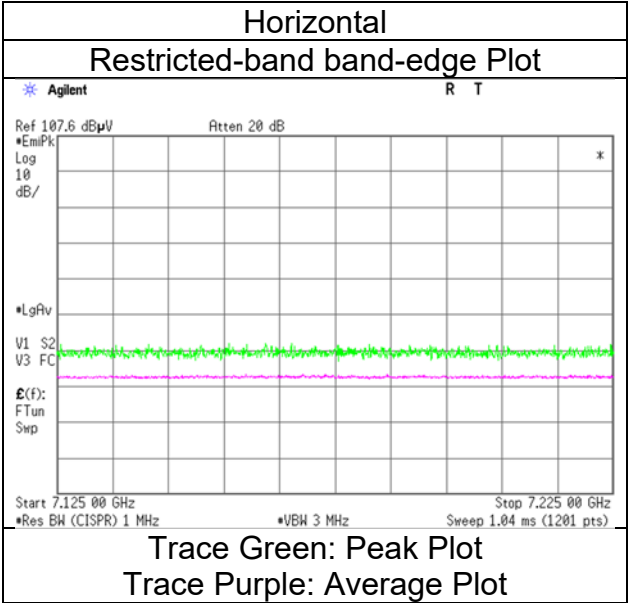


Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 4, 2024
23 deg. C / 42 % RH
Daiki Matsui
Tx 11be-80 [484-tone RU/Index 66] 7025 MHz



* 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.2
Date	February 4, 2024
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Daiki Matsui (1 GHz to 10 GHz)
Mode	Tx 11be-80 [996-tone RU/Index 67] 7025 MHz

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.	7125.0	44.8	33.8	35.5	6.0	34.0	-	52.4	41.3	88.2	68.2	35.8	26.9	Floor noise
Vert.	7125.0	43.9	33.8	35.5	6.0	34.0	-	51.4	41.4	88.2	68.2	36.8	26.8	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

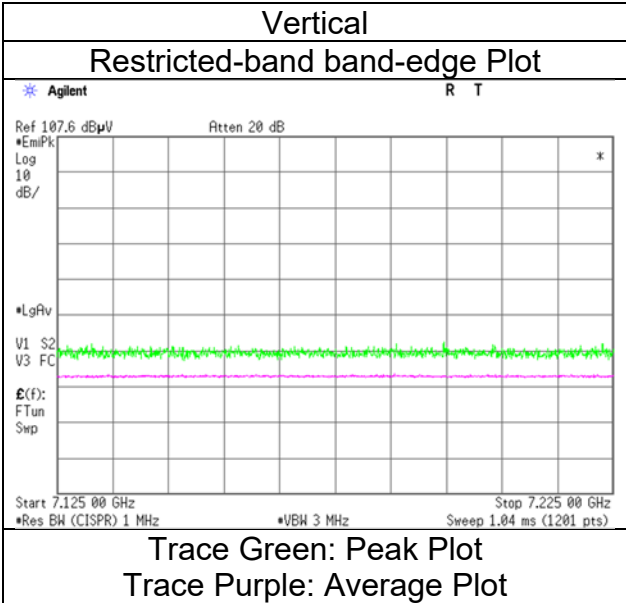
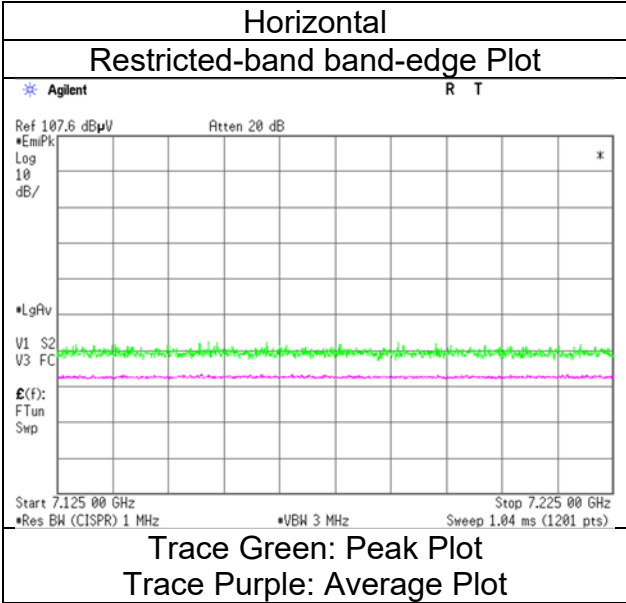
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1 GHz.

Distance factor:	1 GHz - 6 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 4, 2024
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-80 [996-tone RU/Index 67] 7025 MHz



* 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.2 No.2 No.2 No.2
Date February 4, 2024 February 11, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Daiki Matsui Daiki Matsui Ken Fujita Ken Fujita
(1 GHz to 10 GHz) (10 GHz to 18 GHz) (18 GHz to 26.5 GHz) (26.5 GHz to 40 GHz)
Mode Tx 11be-160 [OFDM] 6025 MHz

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.	5925.0	43.4	33.4	32.4	5.6	34.0	-	47.4	37.4	88.2	68.2	40.8	30.8	Floor noise
Hori.	12050.0	44.2	34.7	38.6	-3.5	33.8	-	45.4	35.9	73.9	53.9	28.5	18.0	Floor noise
Hori.	18075.0	44.6	36.5	39.9	-2.0	32.6	-	49.8	41.6	73.9	53.9	24.1	12.3	Floor noise
Vert.	5925.0	43.5	33.5	32.4	5.6	34.0	-	47.5	37.5	88.2	68.2	40.7	30.7	Floor noise
Vert.	12050.0	44.4	34.7	38.6	-3.5	33.8	-	45.7	35.9	73.9	53.9	28.3	18.0	Floor noise
Vert.	18075.0	45.6	36.7	39.9	-2.0	32.6	-	50.7	41.9	73.9	53.9	23.2	12.1	Floor noise

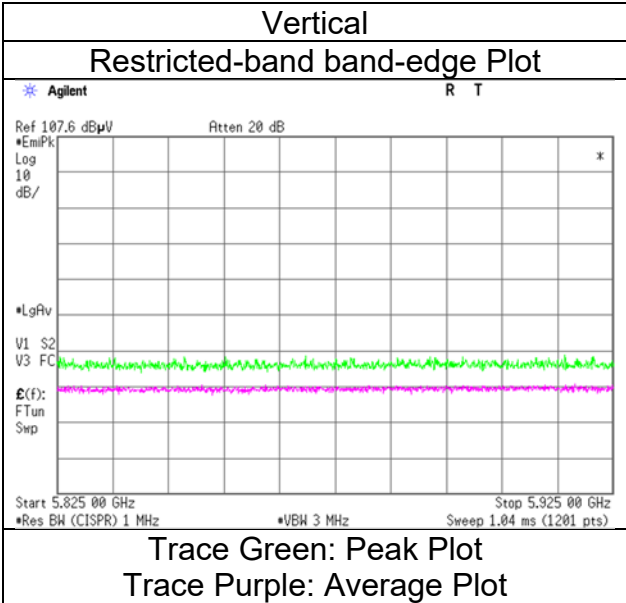
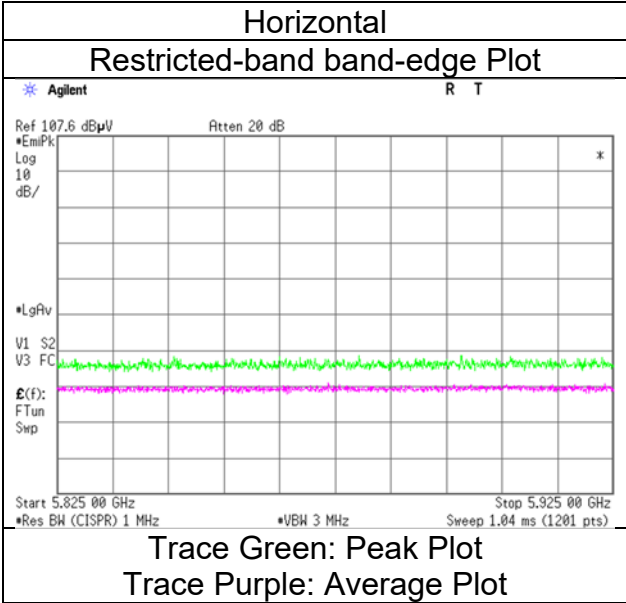
Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)
Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 6 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
6 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
10 GHz - 40 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 4, 2024
23 deg. C / 42 % RH
Daiki Matsui
Tx 11be-160 [OFDM] 6025 MHz



* 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.2 No.2 No.2 No.2
Date February 4, 2024 February 11, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Daiki Matsui Daiki Matsui Ken Fujita Ken Fujita
 (1 GHz to 10 GHz) (10 GHz to 18 GHz) (18 GHz to 26.5 GHz) (26.5 GHz to 40 GHz)
Mode Tx 11be-160 [OFDM] 6185 MHz

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.	12370.0	44.5	34.2	38.2	-3.5	33.5	-	45.6	35.3	73.9	53.9	28.3	18.6	Floor noise
Hori.	18555.0	43.0	35.3	40.1	-1.9	32.6	-	48.6	41.0	73.9	53.9	25.3	12.9	Floor noise
Vert.	12370.0	44.2	34.1	38.2	-3.5	33.5	-	45.4	35.3	73.9	53.9	28.5	18.6	Floor noise
Vert.	18555.0	42.6	34.8	40.1	-1.9	32.6	-	48.2	40.4	73.9	53.9	25.7	13.5	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 - 6 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
 6 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 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.2	No.2	No.2	No.2
Date	February 4, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-160 [OFDM] 6345 MHz			

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.	12690.0	45.1	34.2	38.4	-3.4	33.3	-	46.7	35.9	73.9	53.9	27.2	18.0	Floor noise
Hori.	19035.0	43.0	35.3	40.4	-1.8	32.5	-	49.1	41.5	73.9	53.9	24.8	12.4	Floor noise
Vert.	12690.0	45.2	34.1	38.4	-3.4	33.3	-	46.9	35.8	73.9	53.9	27.0	18.1	Floor noise
Vert.	19035.0	42.6	34.8	40.4	-1.8	32.5	-	48.7	40.9	73.9	53.9	25.2	13.0	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

Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 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.2	No.2	No.2	No.2
Date	February 4, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-160 [OFDM] 6505 MHz			

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.	13010.0	43.1	33.4	38.7	-3.3	33.1	-	45.4	35.7	88.2	68.2	42.8	32.5	Floor noise
Hori.	19515.0	43.6	35.1	40.5	-1.7	32.8	-	49.5	41.1	73.9	53.9	24.4	12.8	Floor noise
Vert.	13010.0	43.4	33.4	38.7	-3.3	33.1	-	45.7	35.7	88.2	68.2	42.5	32.5	Floor noise
Vert.	19515.0	42.7	35.5	40.5	-1.7	32.8	-	48.7	41.4	73.9	53.9	25.2	12.5	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 4, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-160 [OFDM] 6665 MHz			

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.	13330.0	44.3	33.7	38.8	-3.2	32.8	-	47.0	36.5	73.9	53.9	26.9	17.4	Floor noise
Hori.	19995.0	43.2	35.6	40.3	-1.7	33.1	-	48.7	41.1	73.9	53.9	25.2	12.8	Floor noise
Vert.	13330.0	44.1	33.7	38.8	-3.2	32.8	-	46.9	36.5	73.9	53.9	27.0	17.5	Floor noise
Vert.	19995.0	43.4	34.9	40.3	-1.7	33.1	-	48.9	40.4	73.9	53.9	25.1	13.5	Floor noise

$$\text{Result (QP / PK)} = \text{Reading} + \text{Ant Factor} + \text{Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz))} - \text{Gain(Amplifier)}$$
$$\text{Result (AV)} = \text{Reading} + \text{Ant Factor} + \text{Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz))} - \text{Gain(Amplifier)} + \text{Duty factor}$$

*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 - 6 GHz	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0 \text{ m} / 3.0 \text{ m}) = -9.5 \text{ dB}$

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 7, 2024	February 4, 2024	February 11, 2024	February 20, 2024
Temperature / Humidity	21 deg. C / 38 % RH	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui (Below 1 GHz)	Daiki Matsui (1 GHz to 10 GHz)	Daiki Matsui (10 GHz to 18 GHz)	Ken Fujita (18 GHz to 26.5 GHz)

Semi Anechoic Chamber	No.2
Date	February 19, 2024
Temperature / Humidity	23 deg. C / 61 % RH
Engineer	Ken Fujita (26.5 GHz to 40 GHz)
Mode	Tx 11be-160 [OFDM] 6825 MHz

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.	64.0	32.7	-	6.9	7.0	28.5	-	18.1	-	40.0	-	21.9	-	
Hori.	106.8	38.3	-	11.2	7.4	28.4	-	28.5	-	43.5	-	15.0	-	
Hori.	168.9	36.5	-	15.9	7.9	28.1	-	32.1	-	43.5	-	11.4	-	
Hori.	354.0	38.9	-	15.2	9.0	28.1	-	35.0	-	46.0	-	11.0	-	
Hori.	627.0	36.5	-	19.5	10.2	29.3	-	36.9	-	46.0	-	9.1	-	
Hori.	774.6	35.0	-	20.5	10.8	29.2	-	37.1	-	46.0	-	8.9	-	
Hori.	13650.0	45.3	34.7	38.6	-3.2	32.5	-	48.3	37.7	88.2	68.2	40.0	30.5	Floor noise
Hori.	20475.0	43.8	36.4	40.2	-1.6	33.3	-	49.2	41.7	73.9	53.9	24.7	12.2	Floor noise
Vert.	64.0	48.9	-	6.9	7.0	28.5	-	34.3	-	40.0	-	5.7	-	
Vert.	106.8	48.4	-	11.2	7.4	28.4	-	38.6	-	43.5	-	4.9	-	
Vert.	168.9	41.4	-	15.9	7.9	28.1	-	37.0	-	43.5	-	6.5	-	
Vert.	354.0	38.2	-	15.2	9.0	28.1	-	34.3	-	46.0	-	11.7	-	
Vert.	627.0	37.1	-	19.5	10.2	29.3	-	37.5	-	46.0	-	8.5	-	
Vert.	774.6	34.9	-	20.5	10.8	29.2	-	37.0	-	46.0	-	9.0	-	
Vert.	13650.0	45.2	34.7	38.6	-3.2	32.5	-	48.2	37.6	88.2	68.2	40.0	30.6	Floor noise
Vert.	20475.0	44.0	36.7	40.2	-1.6	33.3	-	49.4	42.1	73.9	53.9	24.5	11.8	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 - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 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.2 No.2 No.2 No.2
Date February 4, 2024 February 11, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Daiki Matsui Daiki Matsui Ken Fujita Ken Fujita
Mode (1 GHz to 10 GHz) (10 GHz to 18 GHz) (18 GHz to 26.5 GHz) (26.5 GHz to 40 GHz)
Tx 11be-160 [OFDM] 6985 MHz

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.	7125.0	44.3	34.0	35.5	6.0	34.0	-	51.9	41.6	88.2	68.2	36.4	26.6	Floor noise
Hori.	13970.0	45.5	34.9	38.9	-3.1	32.2	-	49.1	38.4	88.2	68.2	39.1	29.8	Floor noise
Hori.	20955.0	44.7	36.5	40.3	-1.5	33.4	-	50.0	41.9	73.9	53.9	23.9	12.1	Floor noise
Vert.	7125.0	44.6	34.0	35.5	6.0	34.0	-	52.1	41.6	88.2	68.2	36.1	26.7	Floor noise
Vert.	13970.0	45.1	34.7	38.9	-3.1	32.2	-	48.7	38.2	88.2	68.2	39.5	30.0	Floor noise
Vert.	20955.0	44.1	36.1	40.3	-1.5	33.4	-	49.4	41.4	73.9	53.9	24.5	12.5	Floor noise

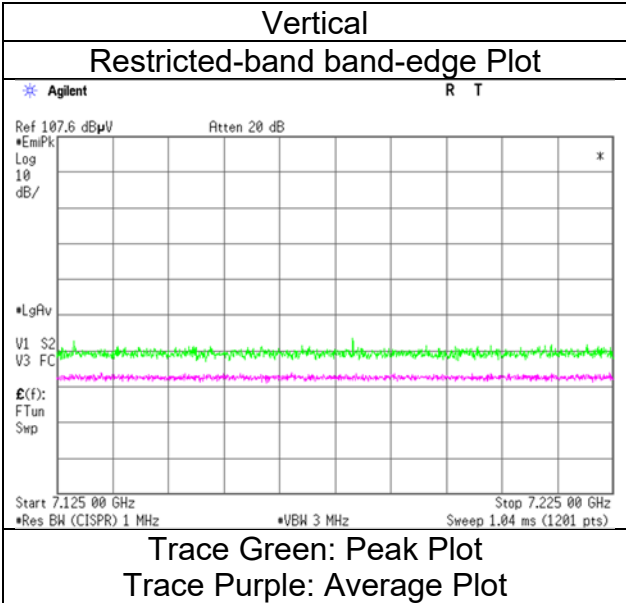
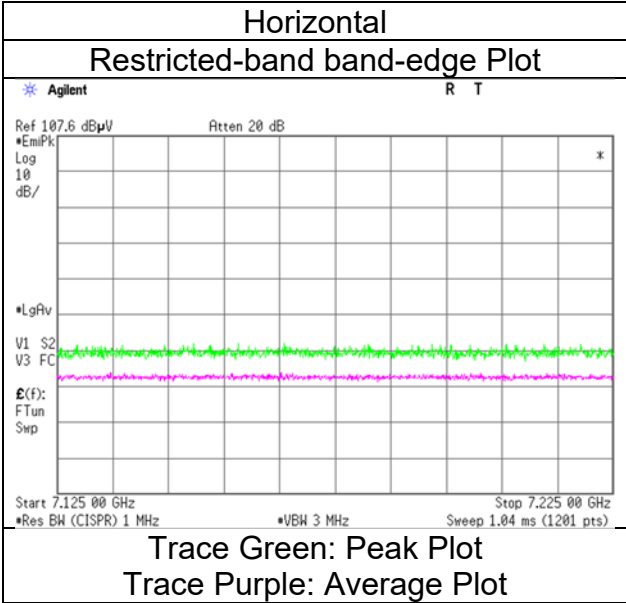
Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)
Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 6 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
6 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
10 GHz - 40 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 4, 2024
23 deg. C / 42 % RH
Daiki Matsui
Tx 11be-160 [OFDM] 6985 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [26-tone RU/Segment 0/Index 0] 6025 MHz

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.	5925.0	42.7	33.6	32.4	5.6	34.0	-	46.8	37.7	88.2	68.2	41.4	30.5	Floor noise
Vert.	5925.0	43.3	33.5	32.4	5.6	34.0	-	47.3	37.5	88.2	68.2	40.9	30.7	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).

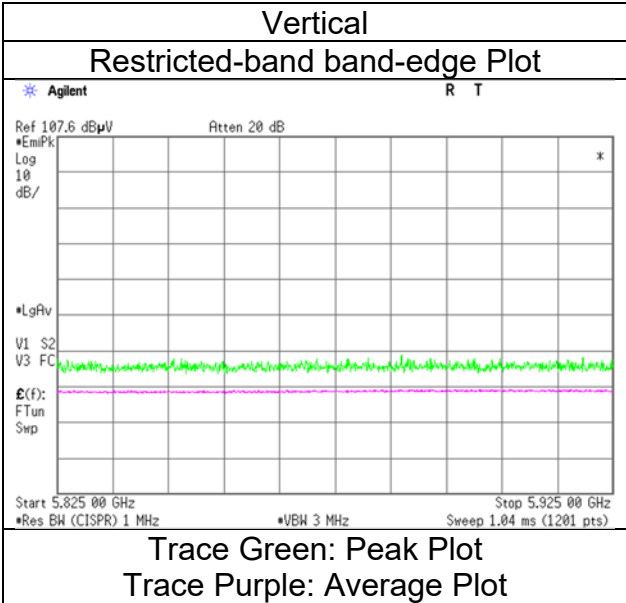
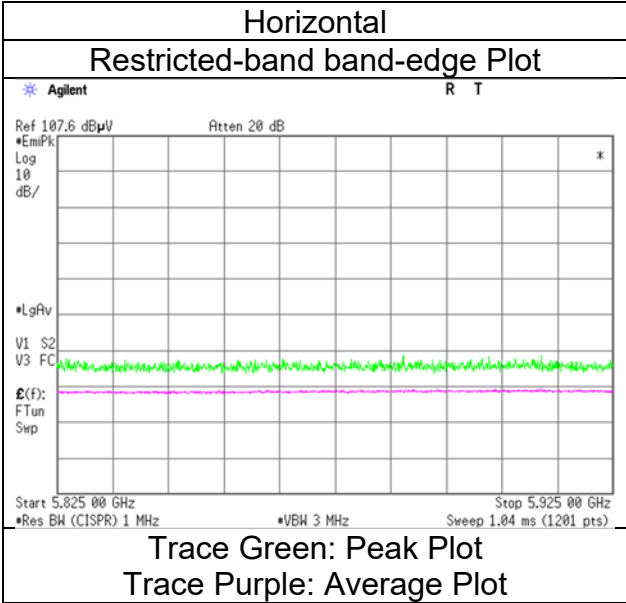
*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 5, 2024
21 deg. C / 41 % RH
Ken Fujita
Tx 11be-160 [26-tone RU/Segment 0/Index 0] 6025 MHz



* 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.2
February 5, 2024
21 deg. C / 41 % RH
Ken Fujita
(1 GHz to 10 GHz)
Tx 11be-160 [52-tone RU/Segment 0/Index 37] 6025 MHz

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.	5925.0	42.1	33.8	32.4	5.6	34.0	0.3	46.1	38.1	88.2	68.2	42.1	30.1	*1)
Vert.	5925.0	43.0	32.1	32.4	5.6	34.0	-	47.1	36.2	88.2	68.2	41.2	32.1	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)

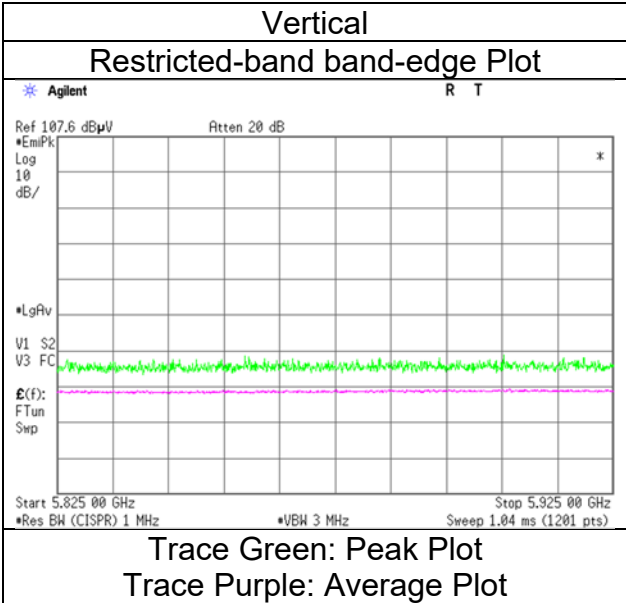
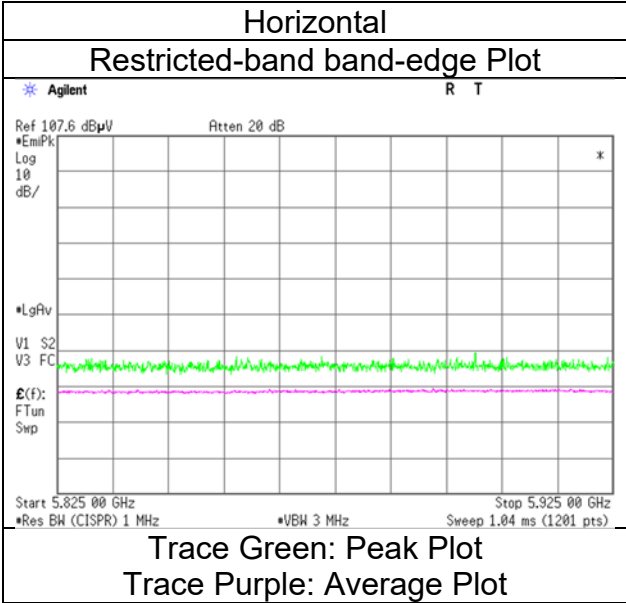
Distance factor:

1 GHz - 6 GHz
6 GHz - 10 GHz

20log (3.7 m / 3.0 m) = 1.83 dB
20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
Mode	Tx 11be-160 [52-tone RU/Segment 0/Index 37] 6025 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [106-tone RU/Segment 0/Index 53] 6025 MHz

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.	5925.0	43.5	31.5	32.4	5.6	34.0	-	47.6	35.5	88.2	68.2	40.6	32.7	Floor noise
Vert.	5925.0	42.9	32.3	32.4	5.6	34.0	0.3	46.9	36.7	88.2	68.2	41.3	31.5	**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).

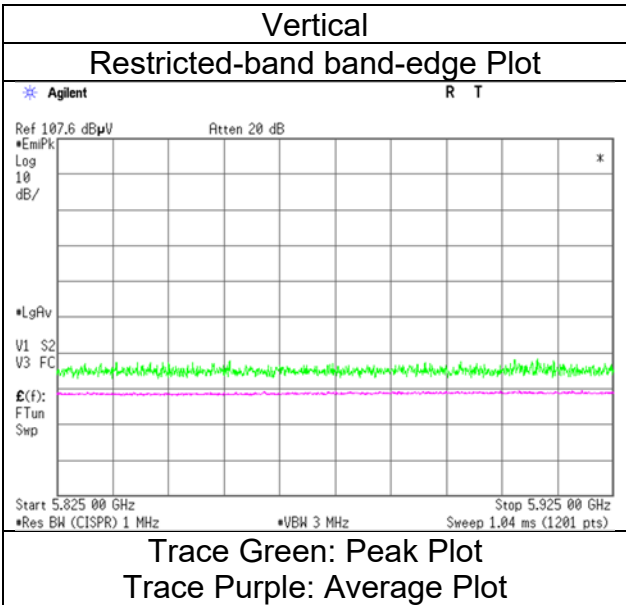
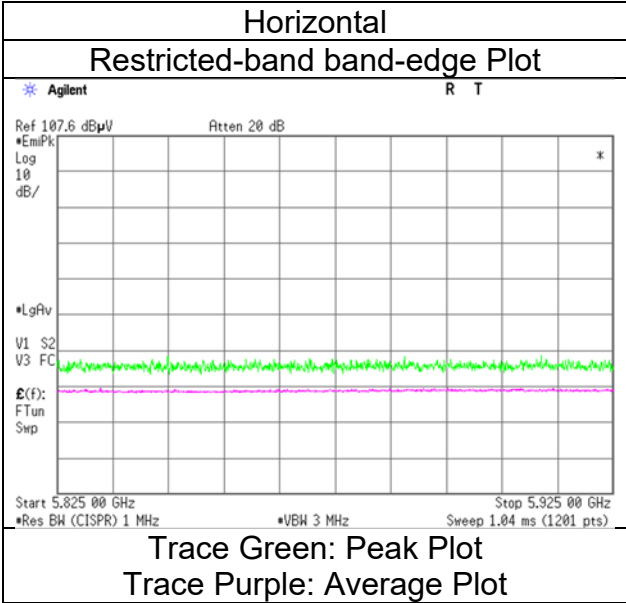
*QP detector was used up to 1 GHz.

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

Distance factor:	1 GHz - 6 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
Mode	Tx 11be-160 [106-tone RU/Segment 0/Index 53] 6025 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [242-tone RU/Segment 0/Index 61] 6025 MHz

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.	5925.0	42.5	33.9	32.4	5.6	34.0	-	46.6	37.9	88.2	68.2	41.6	30.3	Floor noise
Vert.	5925.0	43.4	34.0	32.4	5.6	34.0	-	47.4	38.1	88.2	68.2	40.8	30.2	Floor noise

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

$$\text{Result (AV)} = \text{Reading} + \text{Ant Factor} + \text{Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz))} - \text{Gain(Amplifier)} + \text{Duty factor}$$

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

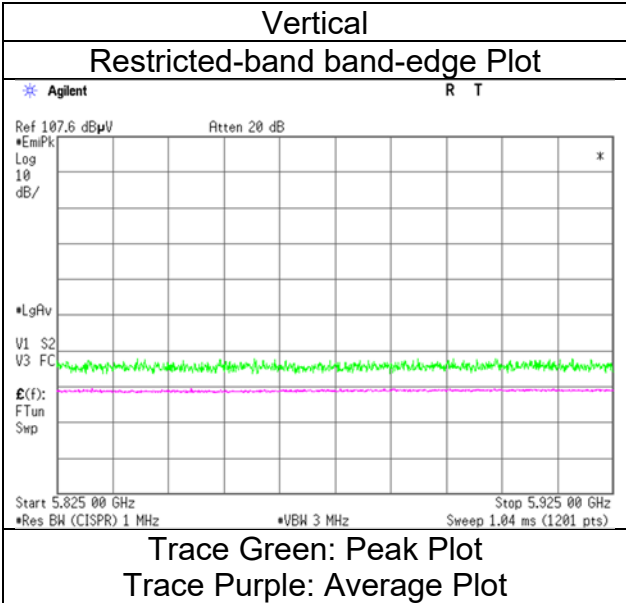
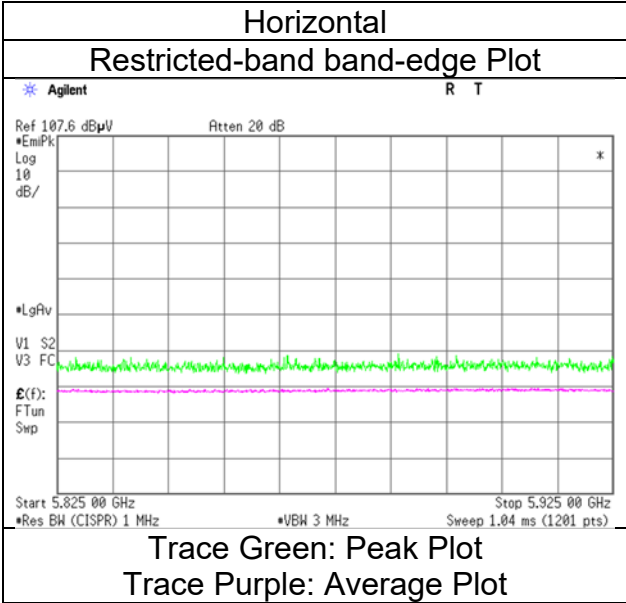
*QP detector was used up to 1 GHz.

Distance factor:	1 GHz - 6 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 5, 2024
21 deg. C / 41 % RH
Ken Fujita
Tx 11be-160 [242-tone RU/Segment 0/Index 61] 6025 MHz



* 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.2
February 5, 2024
21 deg. C / 41 % RH
Ken Fujita
(1 GHz to 10 GHz)
Tx 11be-160 [484-tone RU/Segment 0/Index 65] 6025 MHz

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.	5925.0	44.8	33.4	32.4	5.6	34.0	-	48.9	37.4	88.2	68.2	39.3	30.8	Floor noise
Vert.	5925.0	43.9	33.7	32.4	5.6	34.0	-	48.0	37.7	88.2	68.2	40.2	30.5	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:

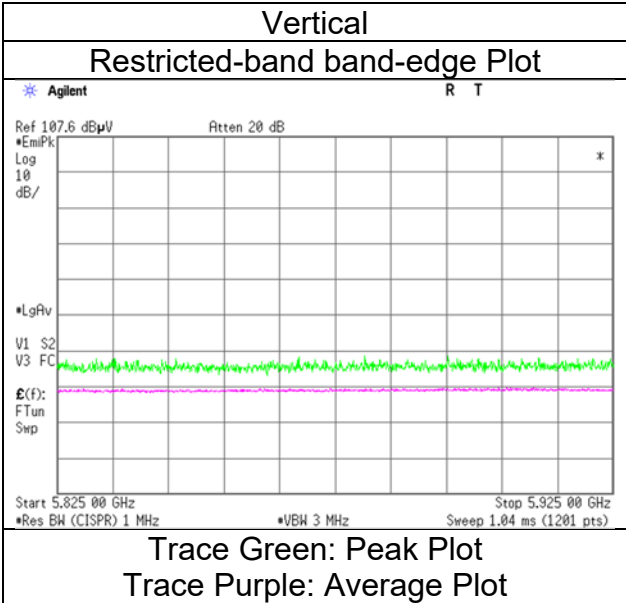
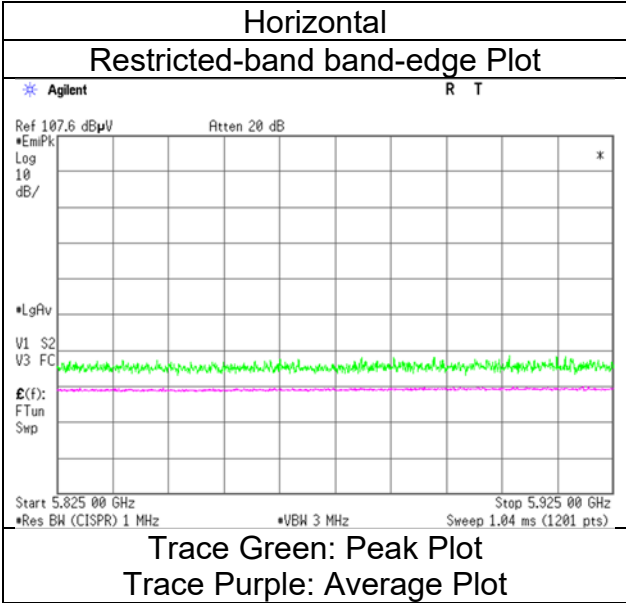
1 GHz - 6 GHz
6 GHz - 10 GHz

20log (3.7 m / 3.0 m) = 1.83 dB
20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 5, 2024
21 deg. C / 41 % RH
Ken Fujita
Tx 11be-160 [484-tone RU/Segment 0/Index 65] 6025 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [996-tone RU/Segment 0/Index 67] 6025 MHz

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.	5925.0	42.8	34.2	32.4	5.6	34.0	-	46.8	38.3	88.2	68.2	41.4	29.9	Floor noise
Vert.	5925.0	43.0	33.8	32.4	5.6	34.0	-	47.0	37.9	88.2	68.2	41.2	30.3	Floor noise

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

$$\text{Result (AV)} = \text{Reading} + \text{Ant Factor} + \text{Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz))} - \text{Gain(Amplifier)} + \text{Duty factor}$$

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

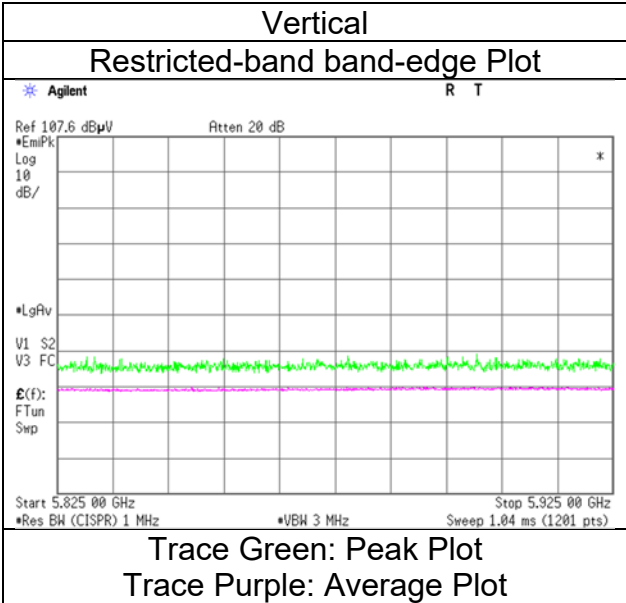
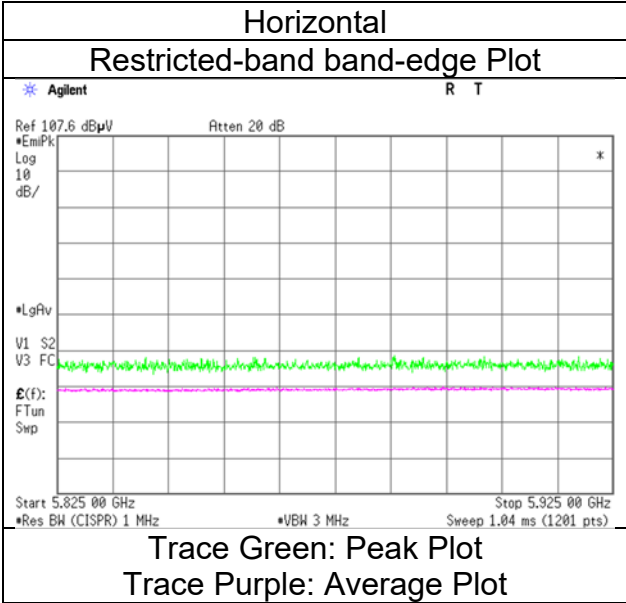
*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 6 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 5, 2024
21 deg. C / 41 % RH
Ken Fujita
Tx 11be-160 [996-tone RU/Segment 0/Index 67] 6025 MHz

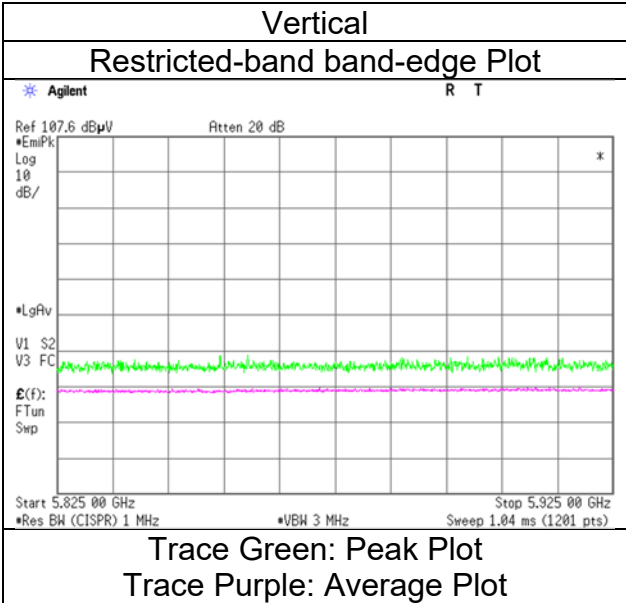
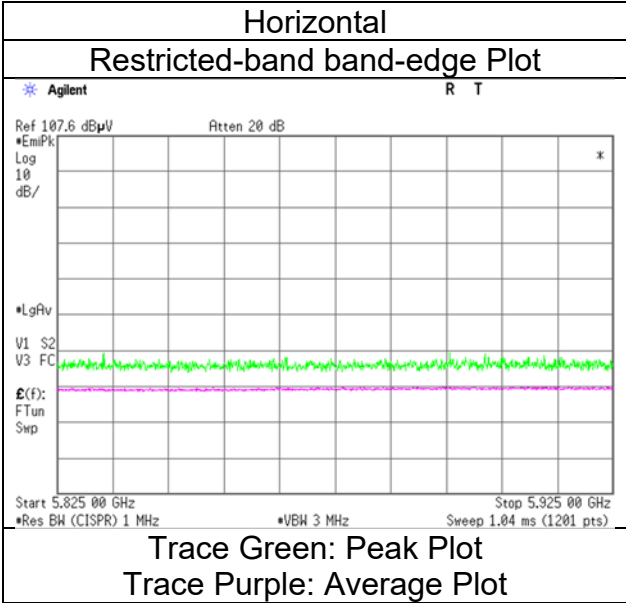


* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 5, 2024
21 deg. C / 41 % RH
Ken Fujita
Tx 11be-160 [2x996-tone RU/Index 68] 6025 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [26-tone RU/Segment 1/Index 36] 6985 MHz

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.	7125.0	43.6	33.6	35.5	6.0	34.0	-	51.2	41.1	88.2	68.2	37.0	27.1	Floor noise
Vert.	7125.0	43.9	33.6	35.5	6.0	34.0	-	51.5	41.2	88.2	68.2	36.7	27.1	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.

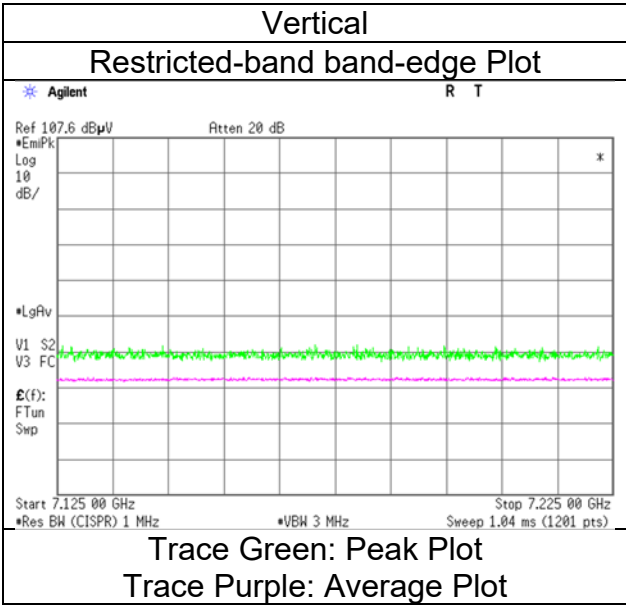
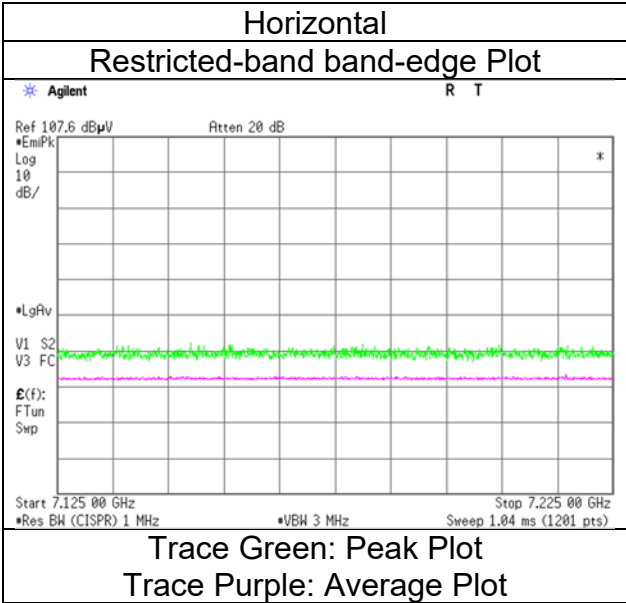
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.2
February 5, 2024
23 deg. C / 41 % RH
Daiki Matsui
(1 GHz to 10 GHz)
Tx 11be-160 [26-tone RU/Segment 1/Index 36] 6985 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [52-tone RU/Segment 1/Index 52] 6985 MHz

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.	7125.0	43.6	33.6	35.5	6.0	34.0	-	51.1	41.1	88.2	68.2	37.1	27.1	Floor noise
Vert.	7125.0	43.6	33.6	35.5	6.0	34.0	-	51.2	41.2	88.2	68.2	37.0	27.0	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

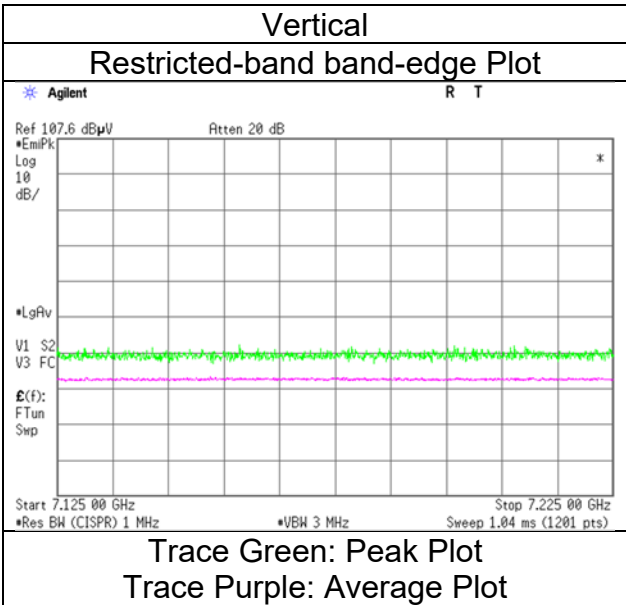
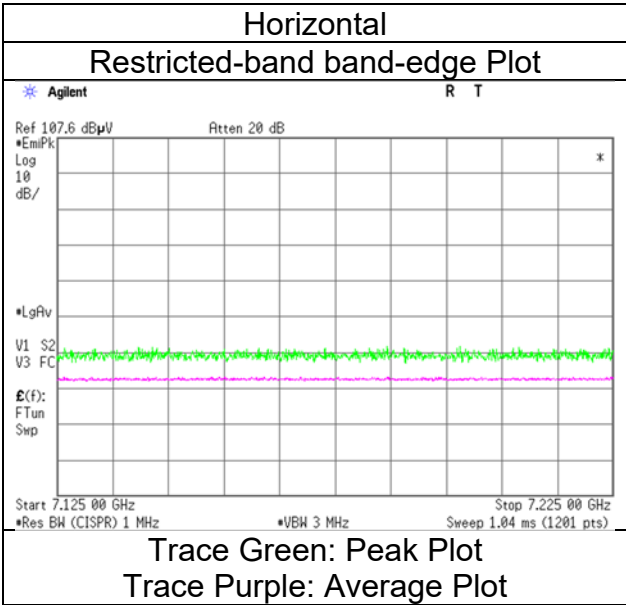
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-160 [52-tone RU/Segment 1/Index 52] 6985 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui (1 GHz to 10 GHz)
Mode	Tx 11be-160 [106-tone RU/Segment 1/Index 60] 6985 MHz

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.	7125.0	44.0	33.6	35.5	6.0	34.0	-	51.5	41.1	88.2	68.2	36.7	27.1	Floor noise
Vert.	7125.0	44.0	33.6	35.5	6.0	34.0	-	51.5	41.2	88.2	68.2	36.7	27.0	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

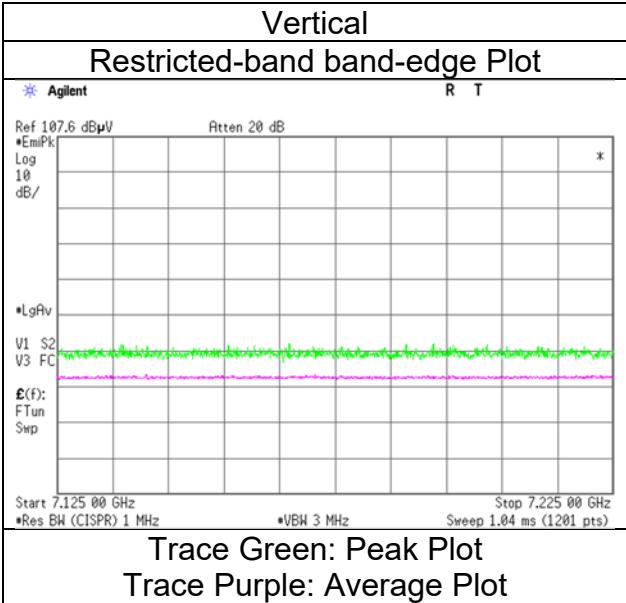
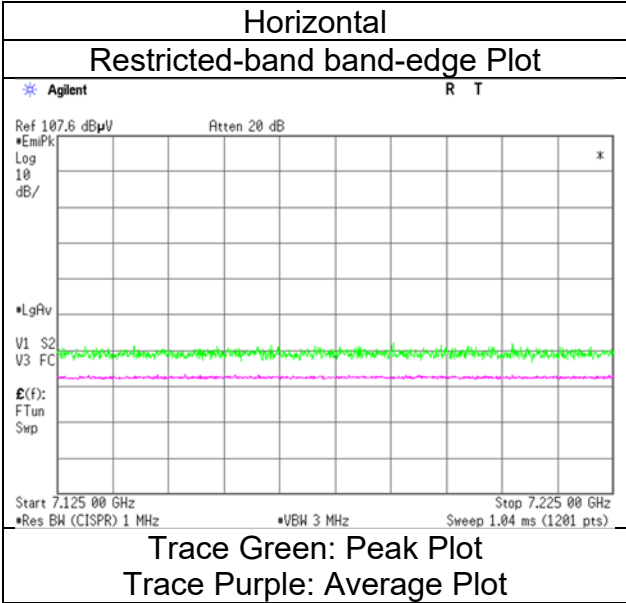
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1 GHz.

Distance factor:	1 GHz - 6 GHz	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-160 [106-tone RU/Segment 1/Index 60] 6985 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [242-tone RU/Segment 1/Index 64] 6985 MHz

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.	7125.0	44.0	33.6	35.5	6.0	34.0	-	51.5	41.2	88.2	68.2	36.7	27.0	Floor noise
Vert.	7125.0	43.7	33.6	35.5	6.0	34.0	-	51.2	41.2	88.2	68.2	37.0	27.0	Floor noise

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

$$\text{Result (AV)} = \text{Reading} + \text{Ant Factor} + \text{Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz))} - \text{Gain(Amplifier)} + \text{Duty factor}$$

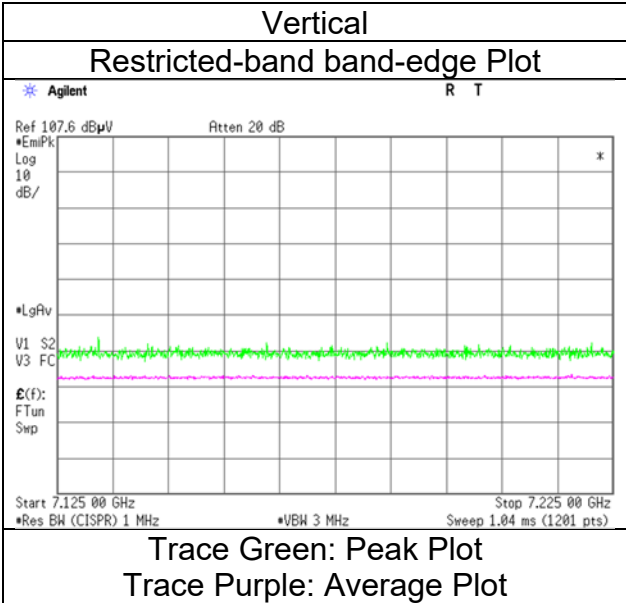
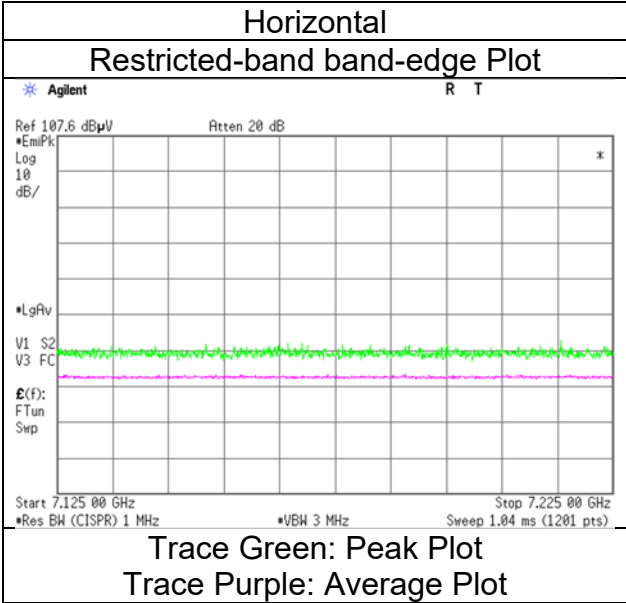
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1 GHz.

Distance factor:	1 GHz - 6 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-160 [242-tone RU/Segment 1/Index 64] 6985 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [484-tone RU/Segment 1/Index 66] 6985 MHz

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.	7125.0	44.4	33.6	35.5	6.0	34.0	-	52.0	41.2	88.2	68.2	36.2	27.0	Floor noise
Vert.	7125.0	43.7	33.7	35.5	6.0	34.0	-	51.2	41.2	88.2	68.2	37.0	27.0	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).

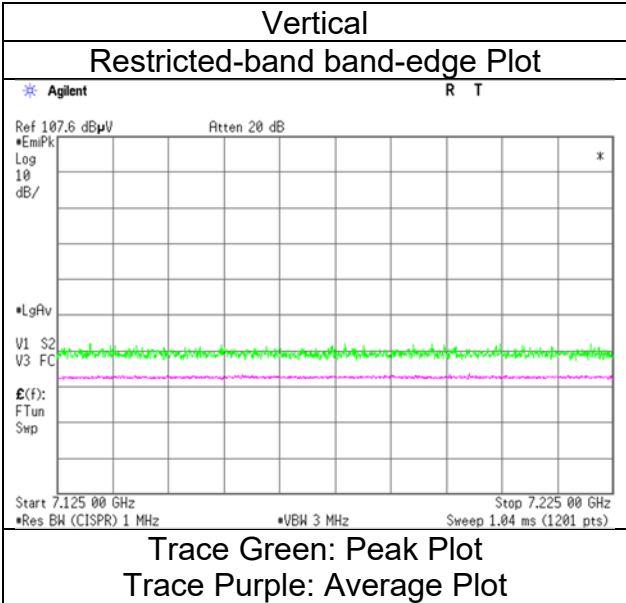
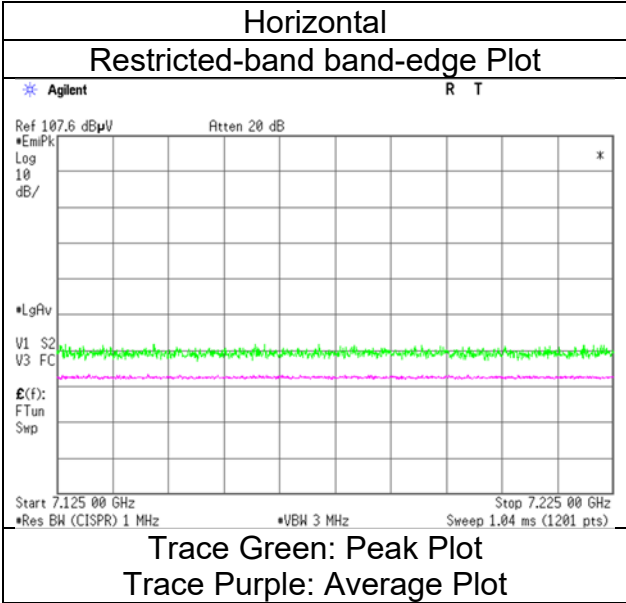
*QP detector was used up to 1GHz

Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 5, 2024
23 deg. C / 41 % RH
Daiki Matsui
Tx 11be-160 [484-tone RU/Segment 1/Index 66] 6985 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [996-tone RU/Segment 1/Index 67] 6985 MHz

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.	7125.0	43.9	33.7	35.5	6.0	34.0	-	51.4	41.2	88.2	68.2	36.8	27.0	Floor noise
Vert.	7125.0	43.6	33.7	35.5	6.0	34.0	-	51.1	41.2	88.2	68.2	37.1	27.0	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

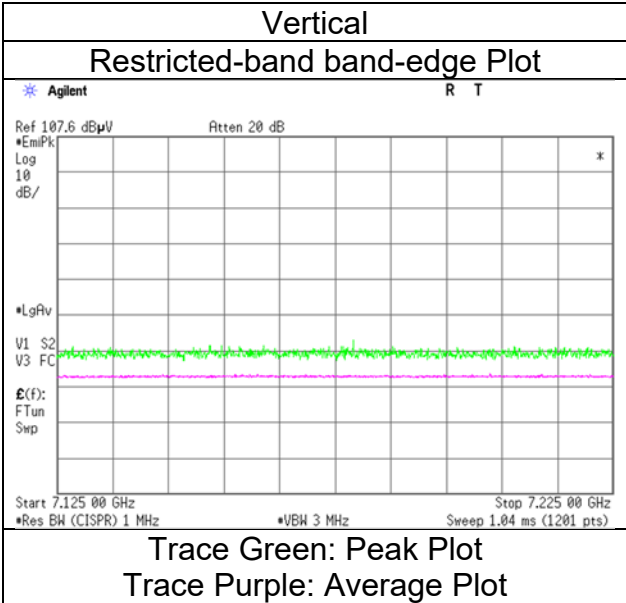
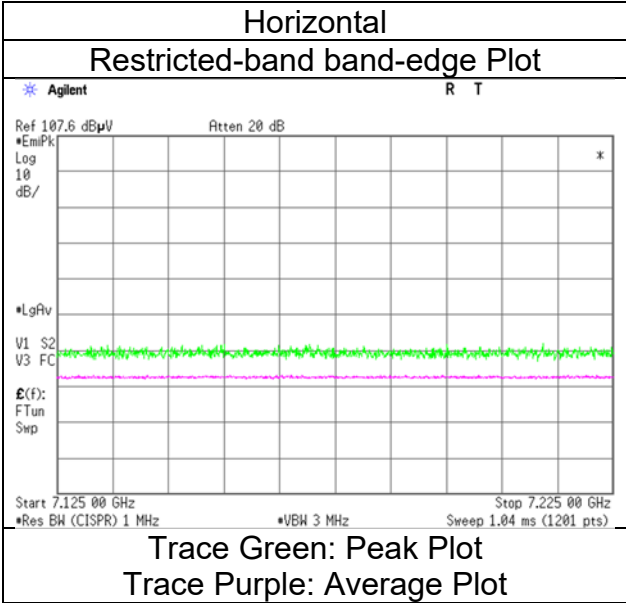
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-160 [996-tone RU/Segment 1/Index 67] 6985 MHz



* 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.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui (1 GHz to 10 GHz)
Mode	Tx 11be-160 [2x996-tone RU/Index 68] 6985 MHz

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.	7125.0	44.4	34.0	35.5	6.0	34.0	-	51.9	41.5	88.2	68.2	36.3	26.7	Floor noise
Vert.	7125.0	44.1	33.8	35.5	6.0	34.0	-	51.6	41.4	88.2	68.2	36.6	26.8	Floor noise

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

$$\text{Result (AV)} = \text{Reading} + \text{Ant Factor} + \text{Loss (Cable+Attenuator+Filter+Distance factor (above 1 GHz))} - \text{Gain (Amplifier)} + \text{Duty factor}$$

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

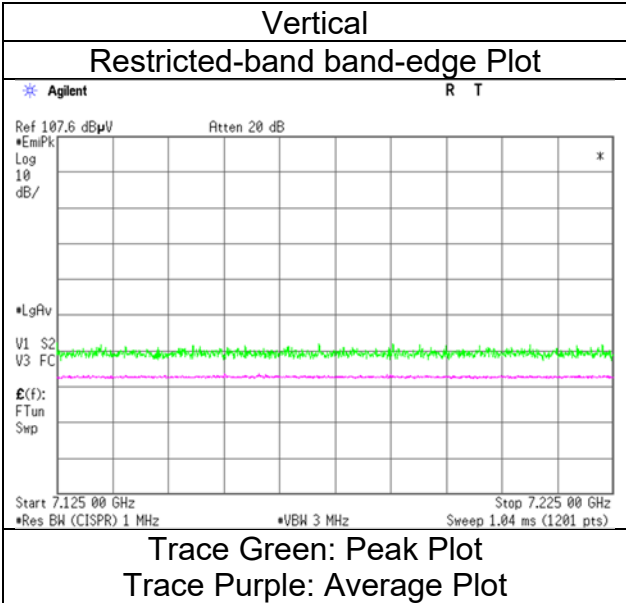
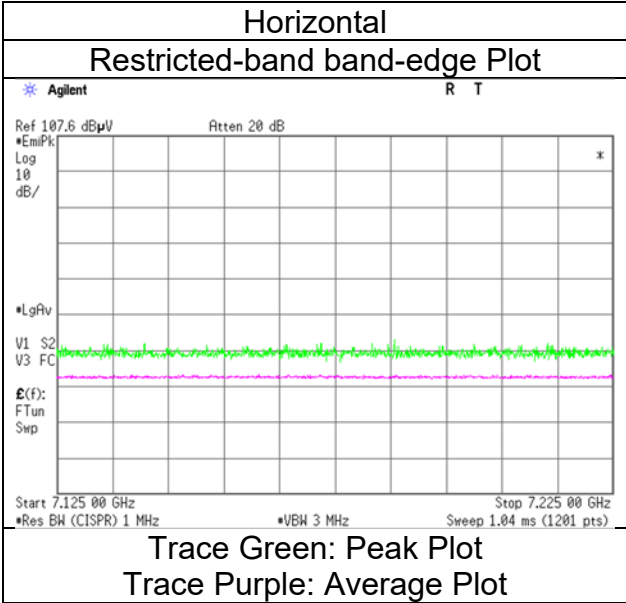
*QP detector was used up to 1 GHz.

Distance factor:	1 GHz - 6 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log (3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 5, 2024
23 deg. C / 41 % RH
Daiki Matsui
Tx 11be-160 [2x996-tone RU/Index 68] 6985 MHz



* 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.2	No.2	No.2
Date	February 7, 2024	February 16, 2024	February 20, 2024
Temperature / Humidity	21 deg. C / 38 % RH	21 deg. C / 48 % RH	23 deg. C / 58 % RH
Engineer	Daiki Matsui	Junki Nagatomi	Takafumi Noguchi
	(Below 1 GHz)	(26.5 GHz to 40 GHz)	(1 GHz to 26.5 GHz)
Mode	Tx 11be-40 [242-tone RU/Index 62] 7085 MHz + BT1 3DH5 Hopping		

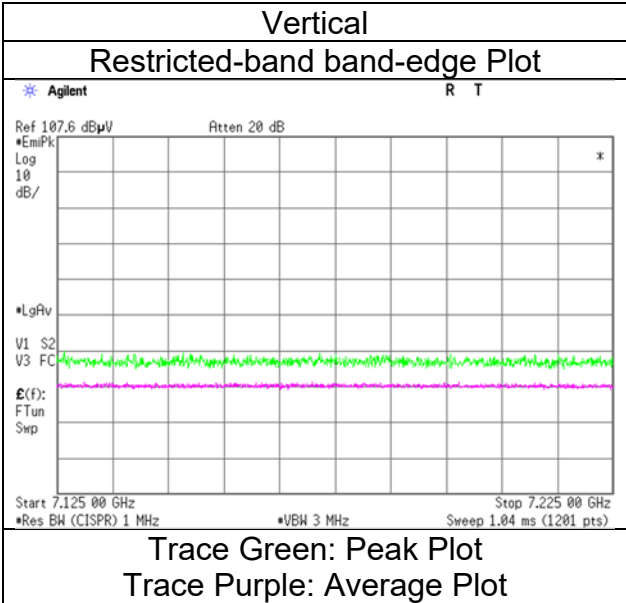
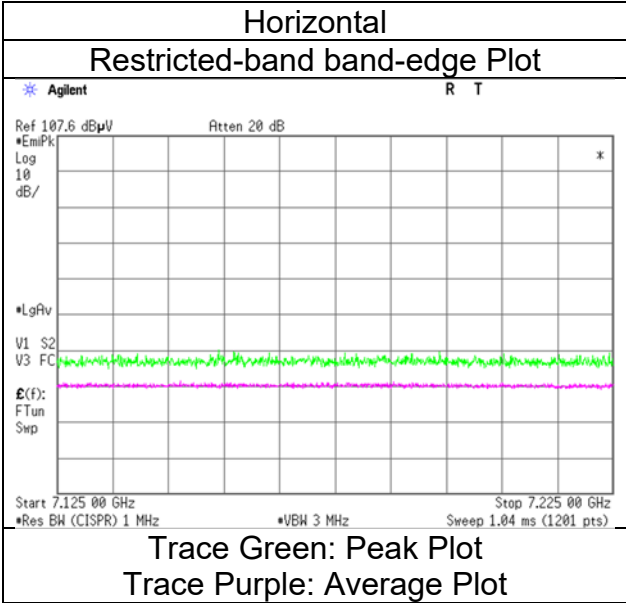
Polarity	Frequency	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
[Hori/Vert]	[MHz]													
Hori.	64.0	32.7	-	6.9	7.0	28.5	-	18.1	-	40.0	-	21.9	-	
Hori.	106.8	38.3	-	11.2	7.4	28.4	-	28.5	-	43.5	-	15.0	-	
Hori.	168.9	36.5	-	15.9	7.9	28.1	-	32.1	-	43.5	-	11.4	-	
Hori.	354.0	38.9	-	15.2	9.0	28.1	-	35.0	-	46.0	-	11.0	-	
Hori.	627.0	36.5	-	19.5	10.2	29.3	-	36.9	-	46.0	-	9.1	-	
Hori.	774.6	35.0	-	20.5	10.8	29.2	-	37.1	-	46.0	-	8.9	-	
Hori.	7125.0	42.8	32.5	35.5	6.0	34.0	-	50.3	40.1	88.2	68.2	37.9	28.1	Floor noise
Hori.	14170.0	41.3	34.5	39.2	-3.1	32.4	-	45.0	38.2	88.2	68.2	43.2	30.0	Floor noise
Hori.	21255.0	44.4	36.9	40.2	-1.4	33.3	-	49.9	42.4	73.9	53.9	24.0	11.5	Floor noise
Vert.	64.0	48.9	-	6.9	7.0	28.5	-	34.3	-	40.0	-	5.7	-	
Vert.	106.8	48.4	-	11.2	7.4	28.4	-	38.6	-	43.5	-	4.9	-	
Vert.	168.9	41.4	-	15.9	7.9	28.1	-	37.0	-	43.5	-	6.5	-	
Vert.	354.0	38.2	-	15.2	9.0	28.1	-	34.3	-	46.0	-	11.7	-	
Vert.	627.0	37.1	-	19.5	10.2	29.3	-	37.5	-	46.0	-	8.5	-	
Vert.	774.6	34.9	-	20.5	10.8	29.2	-	37.0	-	46.0	-	9.0	-	
Vert.	7125.0	43.3	32.4	35.5	6.0	34.0	-	50.9	40.0	88.2	68.2	37.4	28.2	Floor noise
Vert.	14170.0	41.3	34.5	39.2	-3.1	32.4	-	45.0	38.2	88.2	68.2	43.2	30.0	Floor noise
Vert.	21255.0	44.4	36.9	40.2	-1.4	33.3	-	49.9	42.4	73.9	53.9	24.0	11.5	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 - 6 GHz	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	6 GHz - 10 GHz	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	10 GHz - 40 GHz	$20\log(1.0 \text{ m} / 3.0 \text{ m}) = -9.5 \text{ dB}$

Radiated Spurious Emission

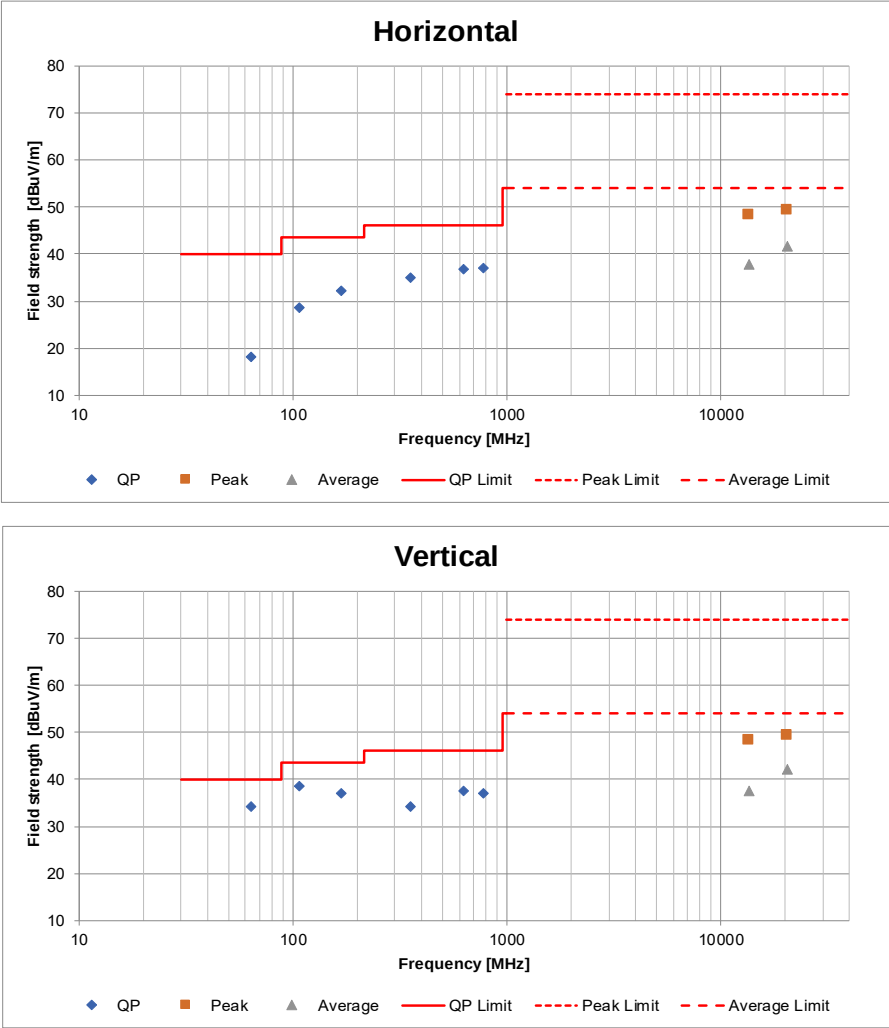
Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 20, 2024
Temperature / Humidity	23 deg. C / 58 % RH
Engineer	Takafumi Noguchi
Mode	Tx 11be-40 [242-tone RU/Index 62] 7085 MHz + BT1 3DH5 Hopping



* 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.	No.2	No.2	No.2
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 7, 2024	February 4, 2024	February 11, 2024	February 20, 2024
Temperature / Humidity	21 deg. C / 38 % RH	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui (Below 1 GHz)	Daiki Matsui (1 GHz to 10 GHz)	Daiki Matsui (10 GHz to 18 GHz)	Ken Fujita (18 GHz to 26.5 GHz)
Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2			
Date	February 19, 2024			
Temperature / Humidity	23 deg. C / 61 % RH			
Engineer	Ken Fujita (26.5 GHz to 40 GHz)			
Mode	Tx 11be-160 [OFDM] 6825 MHz			

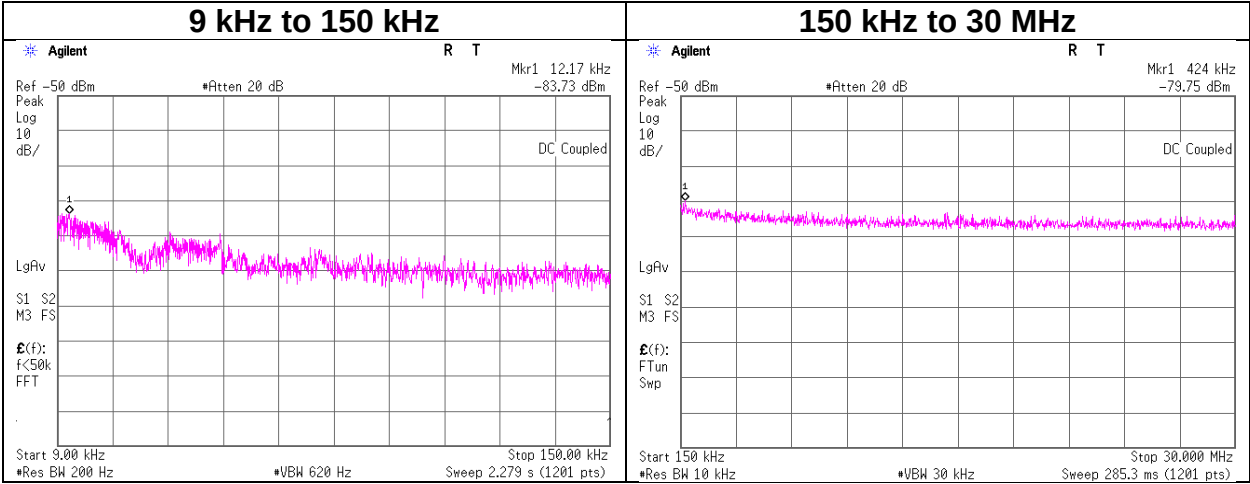


*These plots data contains sufficient number to show the trend of characteristic features for EUT.

Conducted Spurious Emission

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
February 2, 2024
22 deg. C / 40 % RH
Takumi Nishida
Tx 11be-160 [OFDM] 6825 MHz

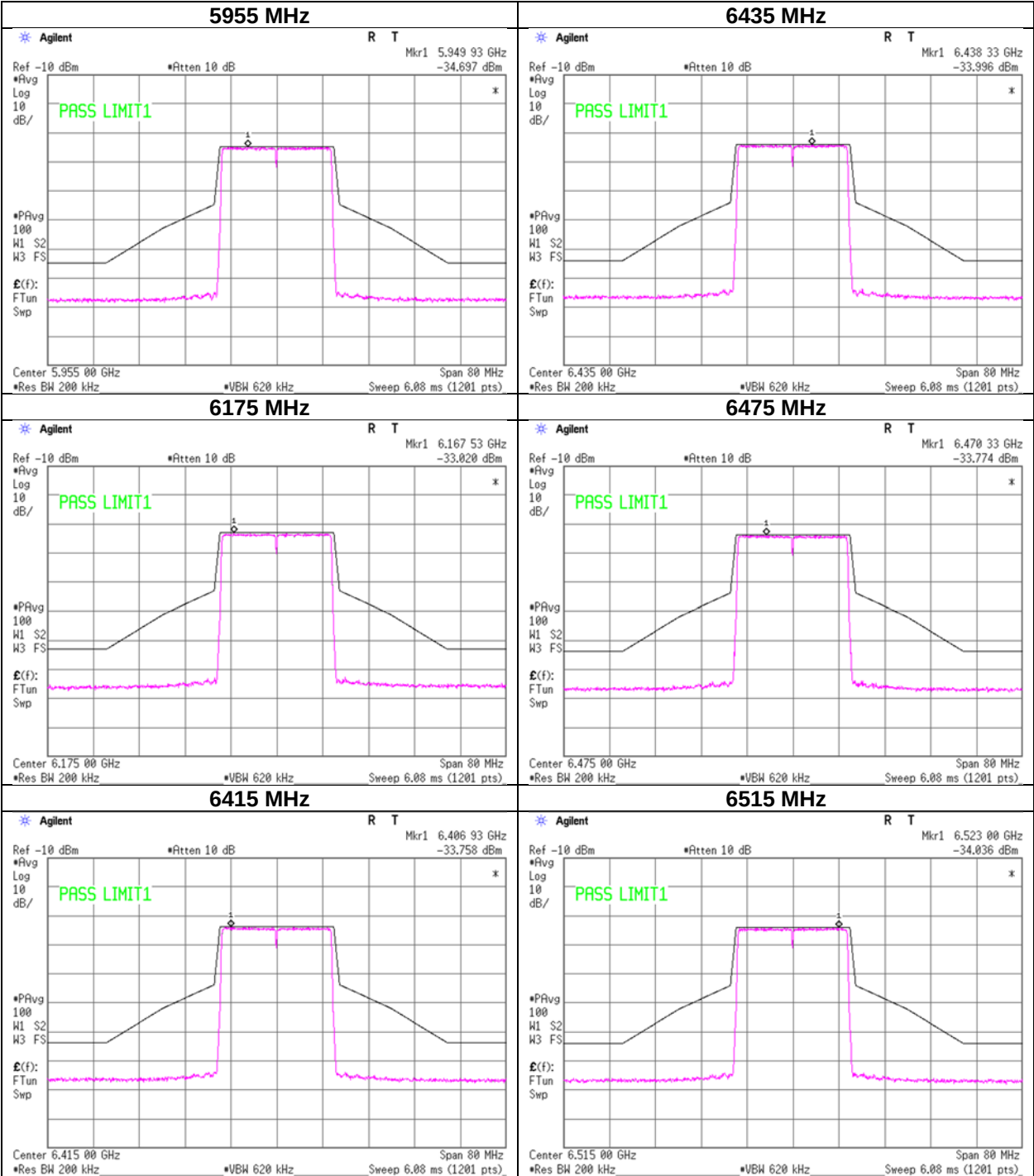


Frequency	Reading	Cable Loss	Attenuator	Antenna Gain	N	EIRP	Distance	Ground bounce	E	Limit	Margin
[kHz]	[dBm]	[dB]	[dB]	[dBi]	(Number of Output)	[dBm]	[m]	[dB]	(field strength) [dBuV/m]	[dBuV/m]	[dB]
12.17	-83.7	0.90	9.8	9.66	2	-60.3	300	6.0	0.9	45.8	44.9
424.00	-79.8	0.90	9.8	9.66	2	-56.3	300	6.0	4.9	15.0	10.1

E [dBuV/m] = EIRP [dBm] - 20 log (Distance [m]) + Ground bounce [dB] + 104.8 [dBuV/m]
EIRP[dBm] = Reading [dBm] + Cable loss [dB] + Attenuator Loss [dB] + Antenna gain [dBi] + 10 * log (N)
N: Number of output

In-Band Emissions

Test place	Ise EMC Lab. No.8 Measurement Room
Date	January 29, 2024
Temperature / Humidity	21 deg. C / 39 % RH
Engineer	Takafumi Noguchi
Mode	Tx 11be-20 [OFDM]

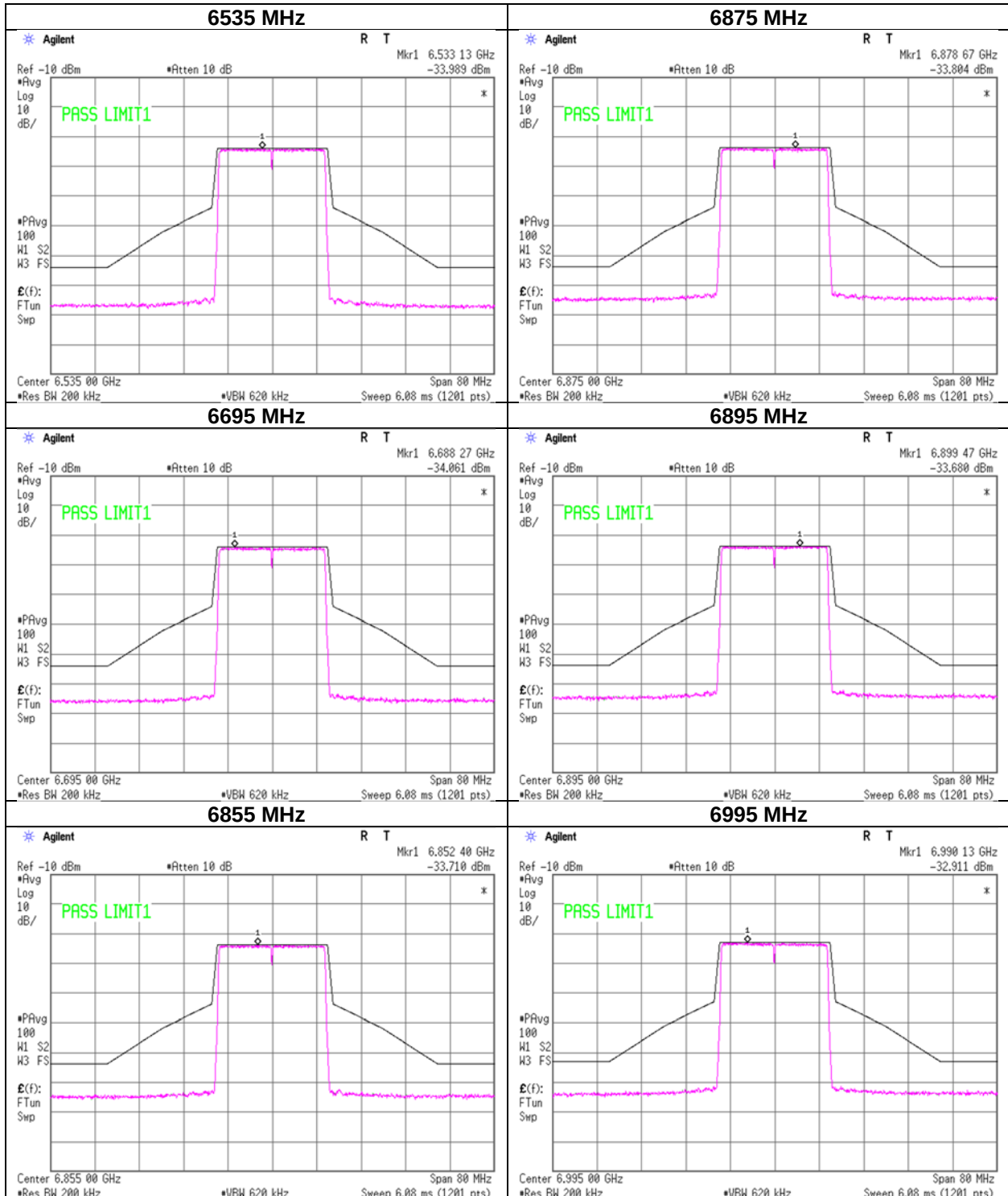


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 29, 2024
21 deg. C / 39 % RH
Takafumi Noguchi
Tx 11be-20 [OFDM]

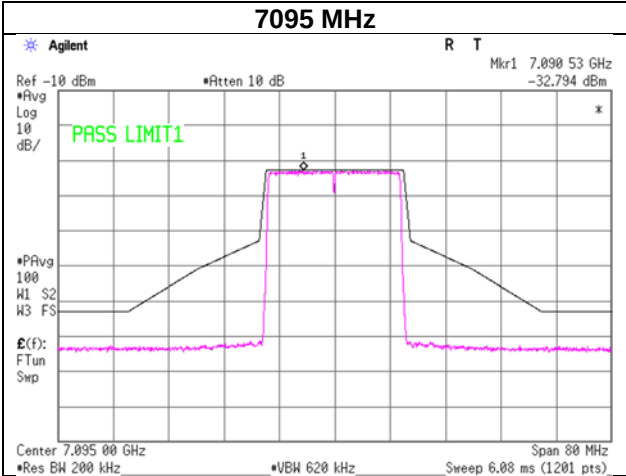


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

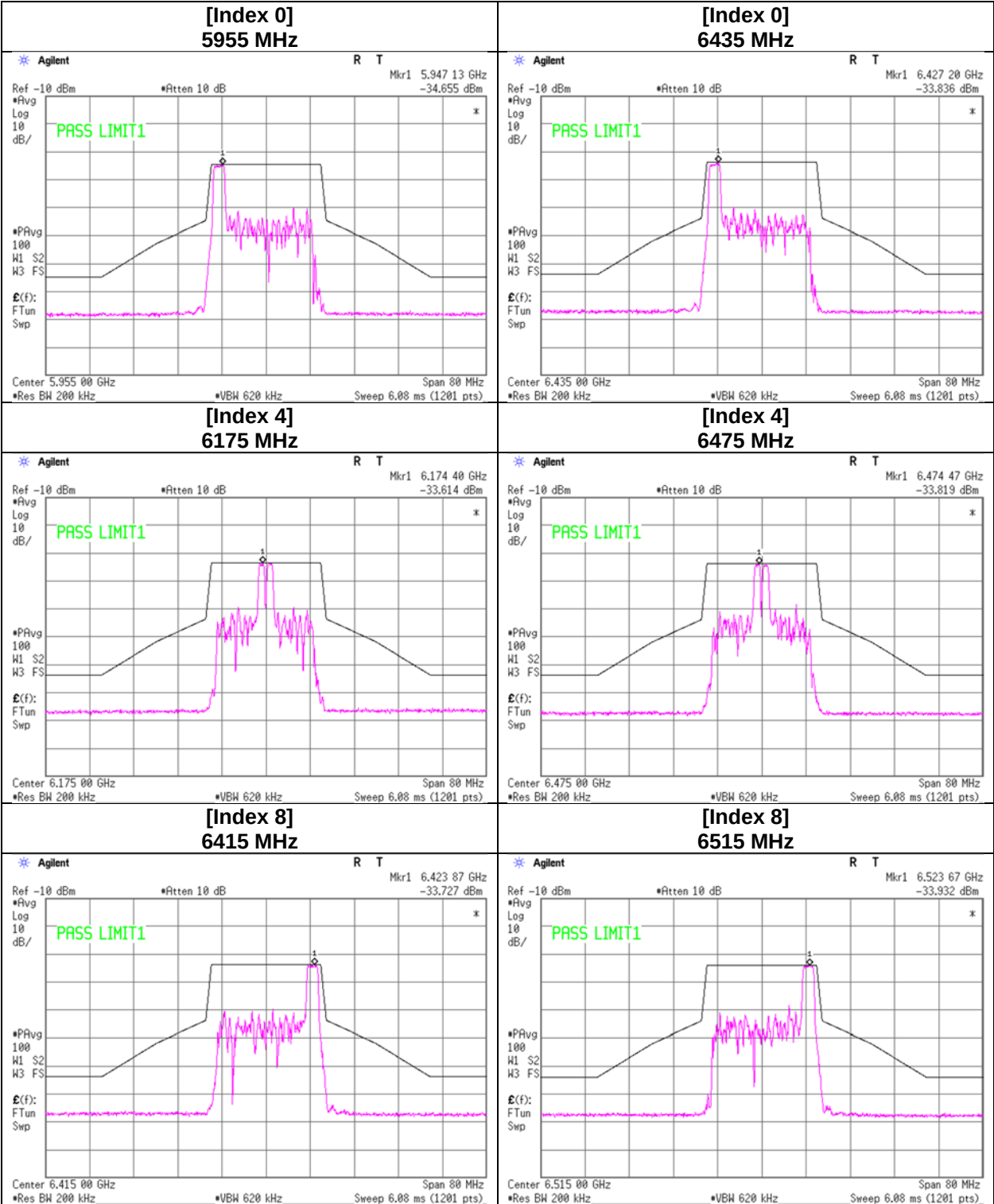
Ise EMC Lab. No.8 Measurement Room
January 29, 2024
21 deg. C / 39 % RH
Takafumi Noguchi
Tx 11be-20 [OFDM]



* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place	Ise EMC Lab. No.8 Measurement Room
Date	January 30, 2024
Temperature / Humidity	22 deg. C / 40 % RH
Engineer	Yuta Moriya
Mode	Tx 11be-20 [26-tone RU]

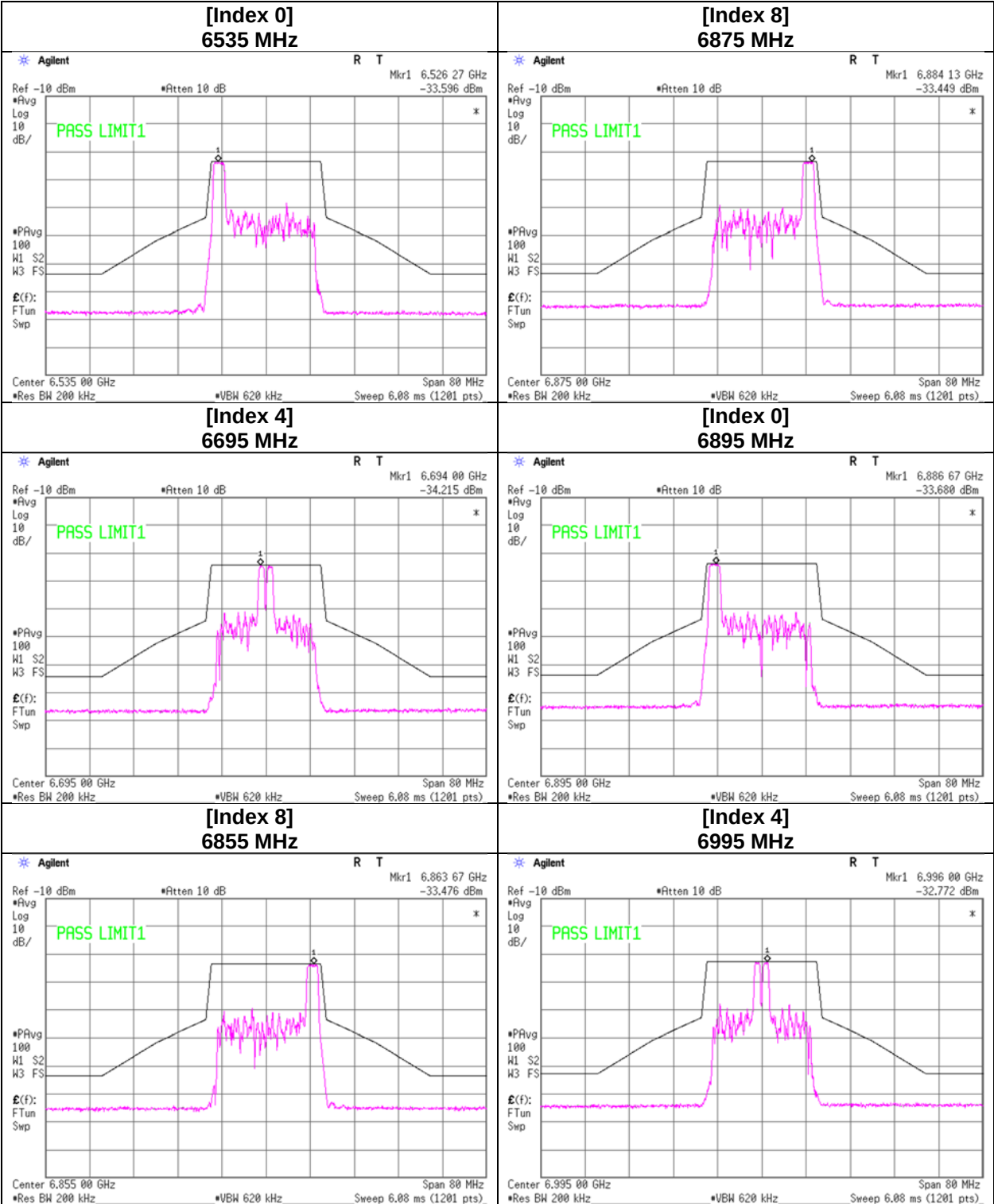


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 30, 2024
22 deg. C / 40 % RH
Yuta Moriya
Tx 11be-20 [26-tone RU]

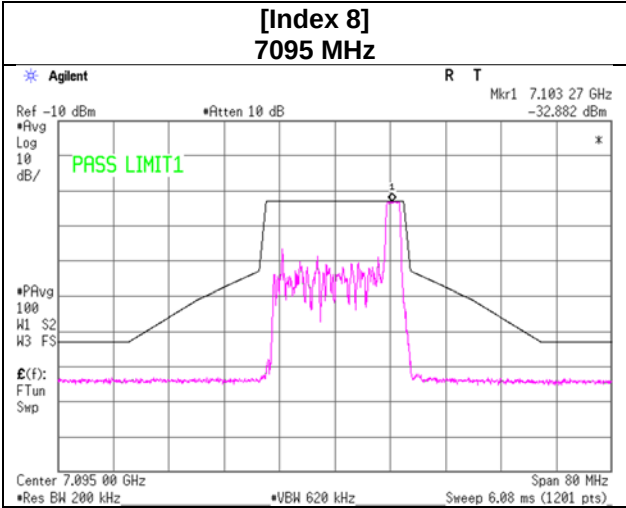


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 30, 2024
22 deg. C / 40 % RH
Yuta Moriya
Tx 11be-20 [26-tone RU]

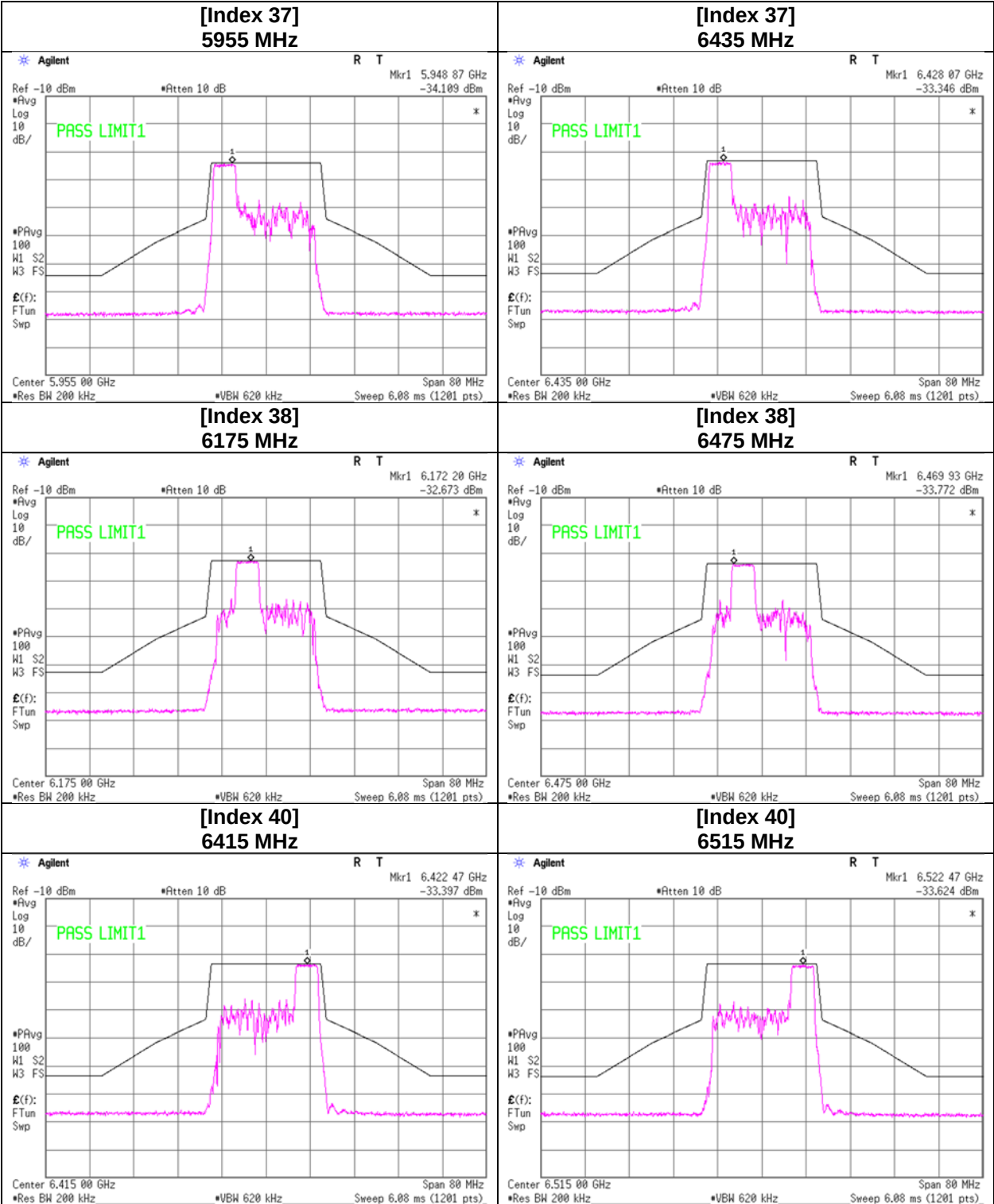


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 31, 2024
23 deg. C / 43 % RH
Takafumi Noguchi
Tx 11be-20 [52-tone RU]

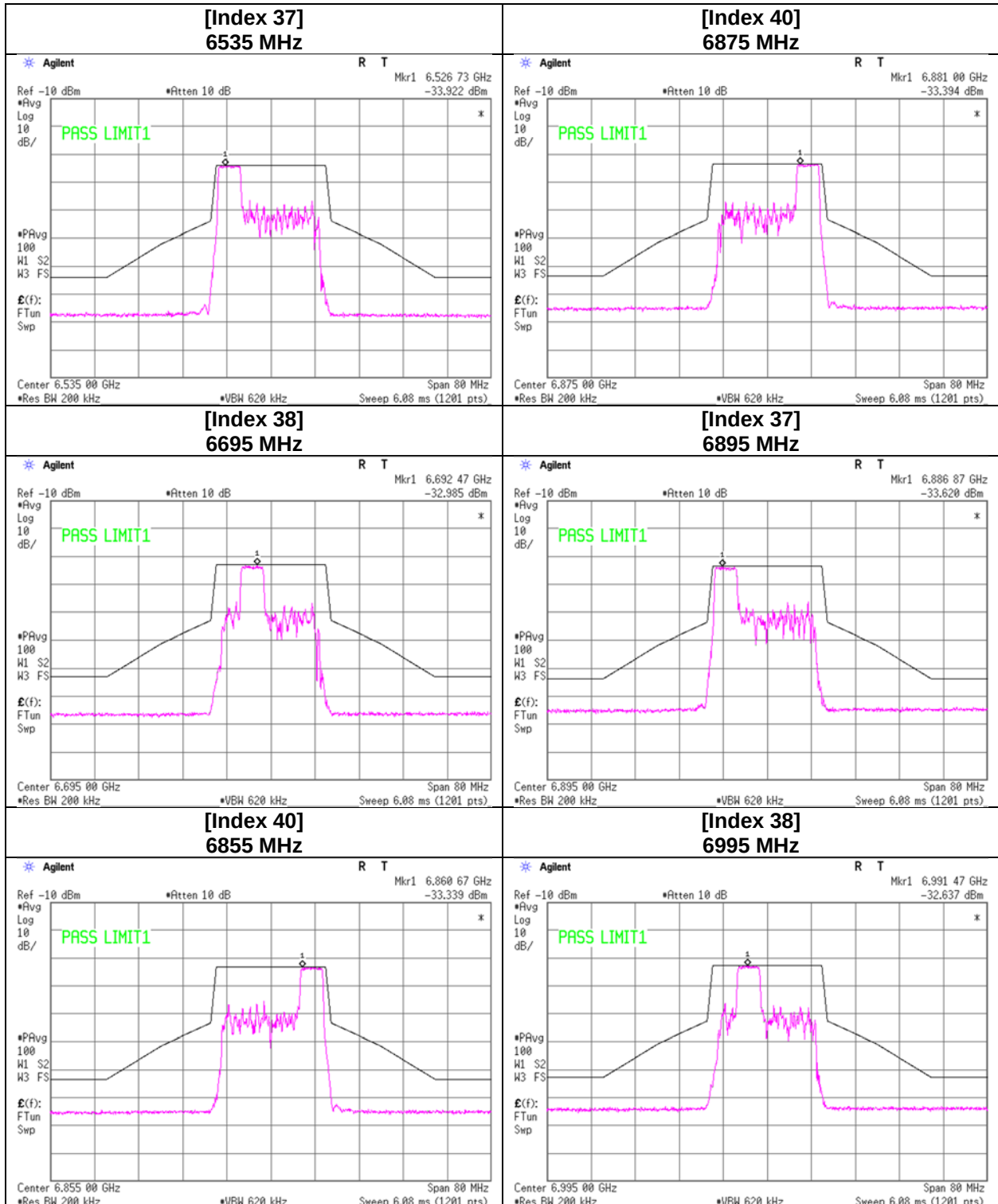


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 31, 2024
23 deg. C / 43 % RH
Takafumi Noguchi
Tx 11be-20 [52-tone RU]

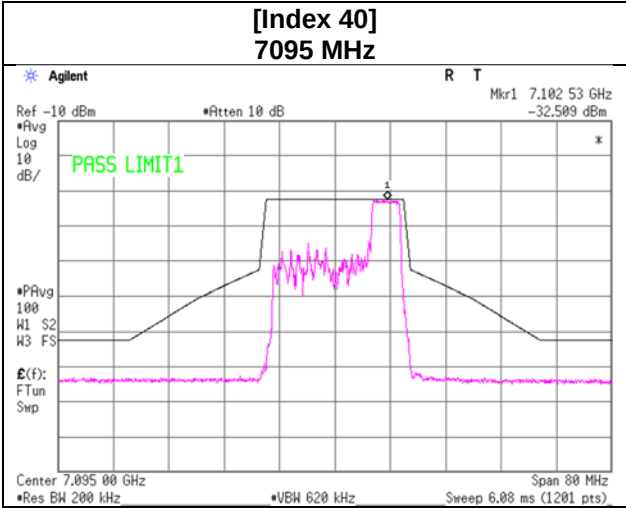


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 31, 2024
23 deg. C / 43 % RH
Takafumi Noguchi
Tx 11be-20 [52-tone RU]

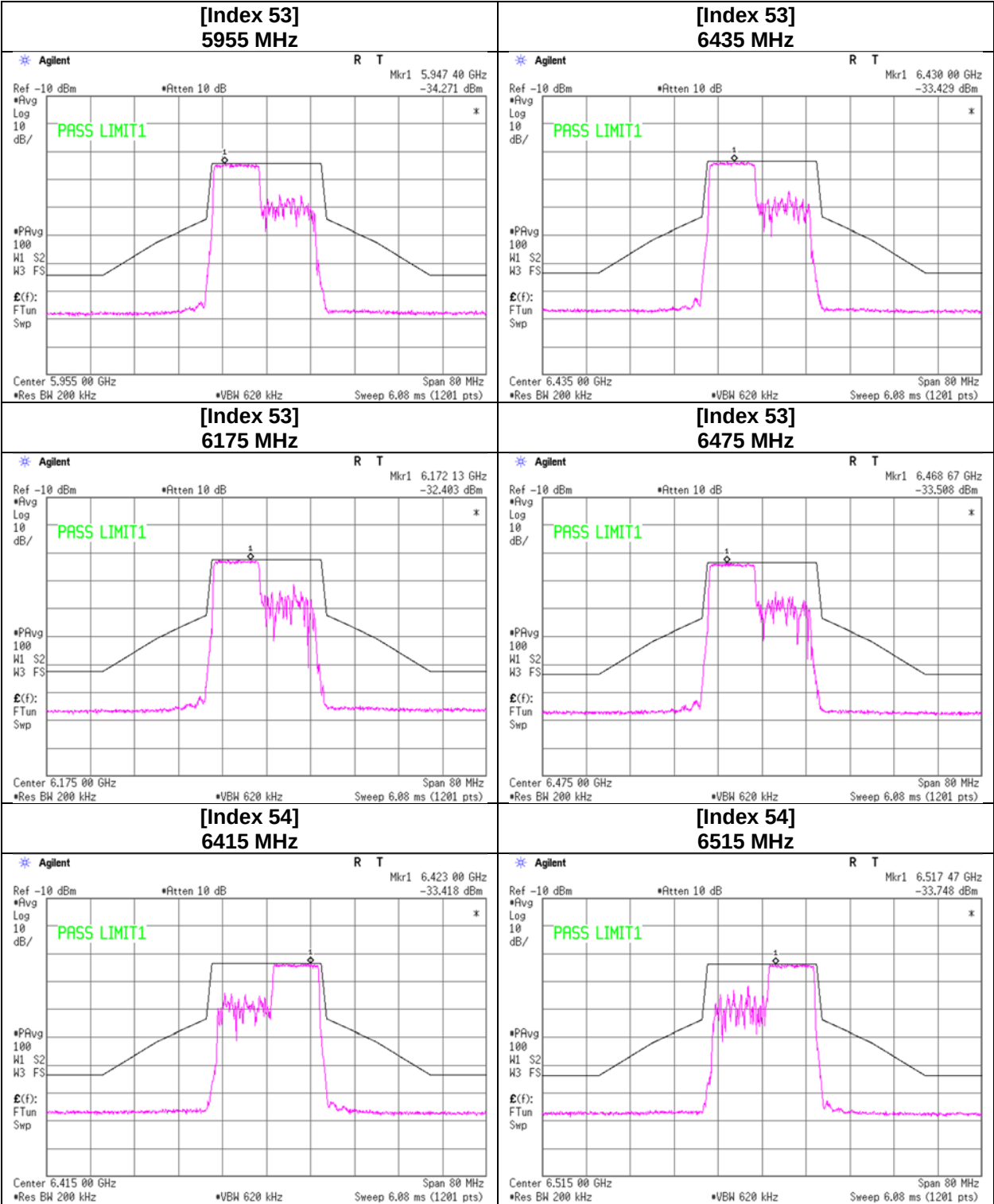


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
February 1, 2024
22 deg. C / 39 % RH
Takumi Nishida
Tx 11be-20 [106-tone RU]

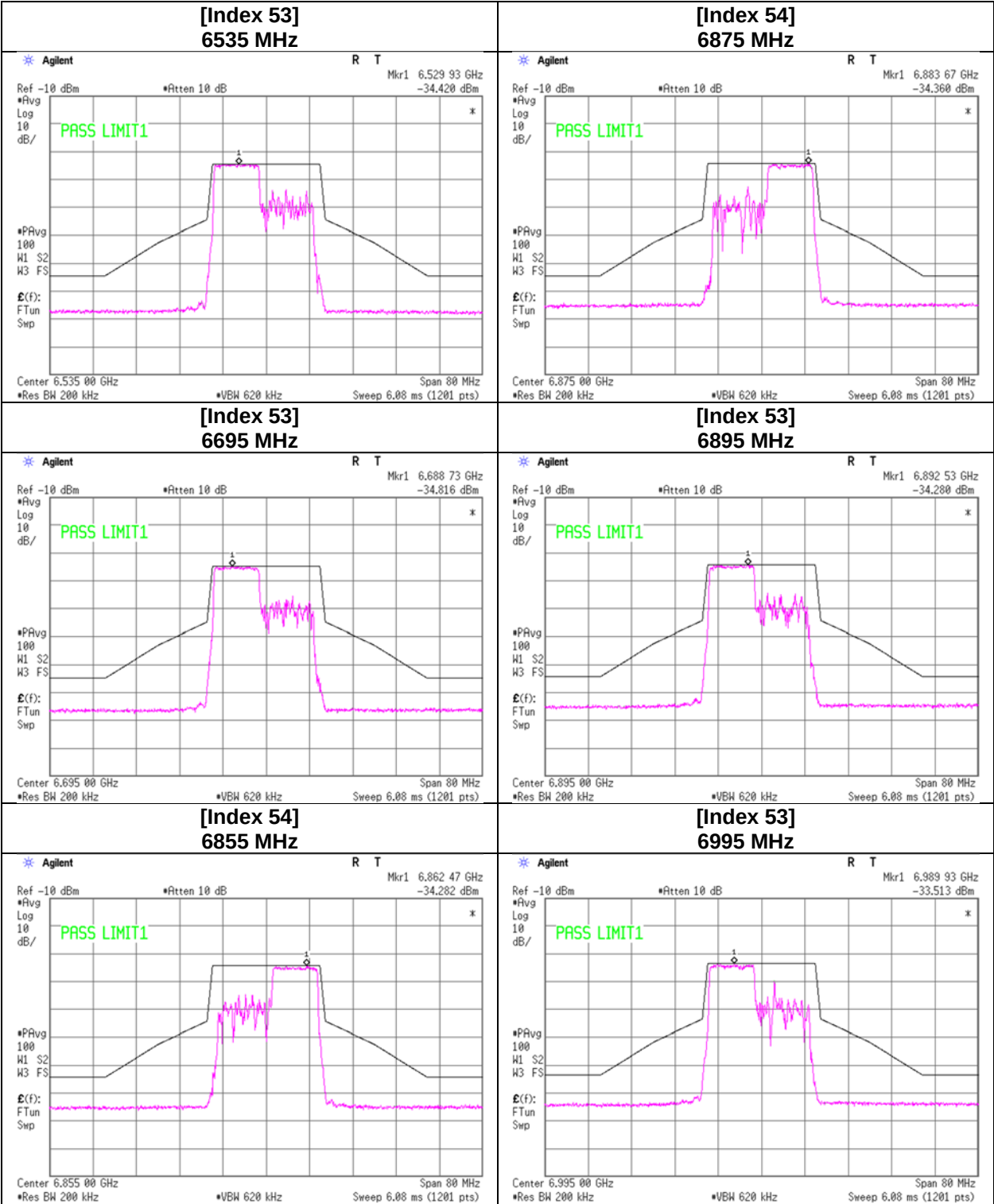


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
February 1, 2024
22 deg. C / 39 % RH
Takumi Nishida
Tx 11be-20 [106-tone RU]

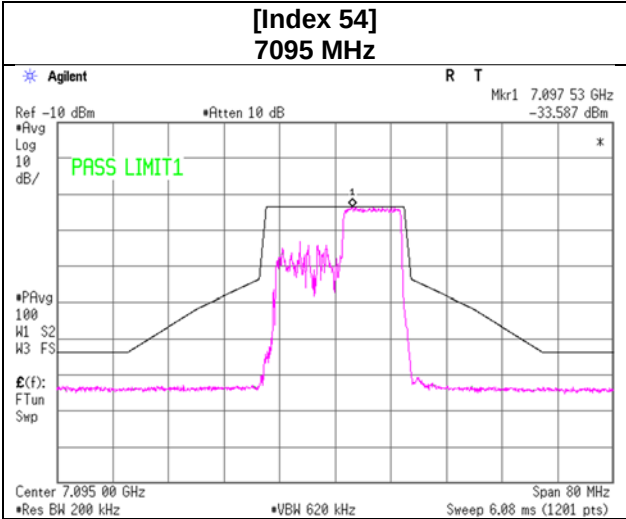


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

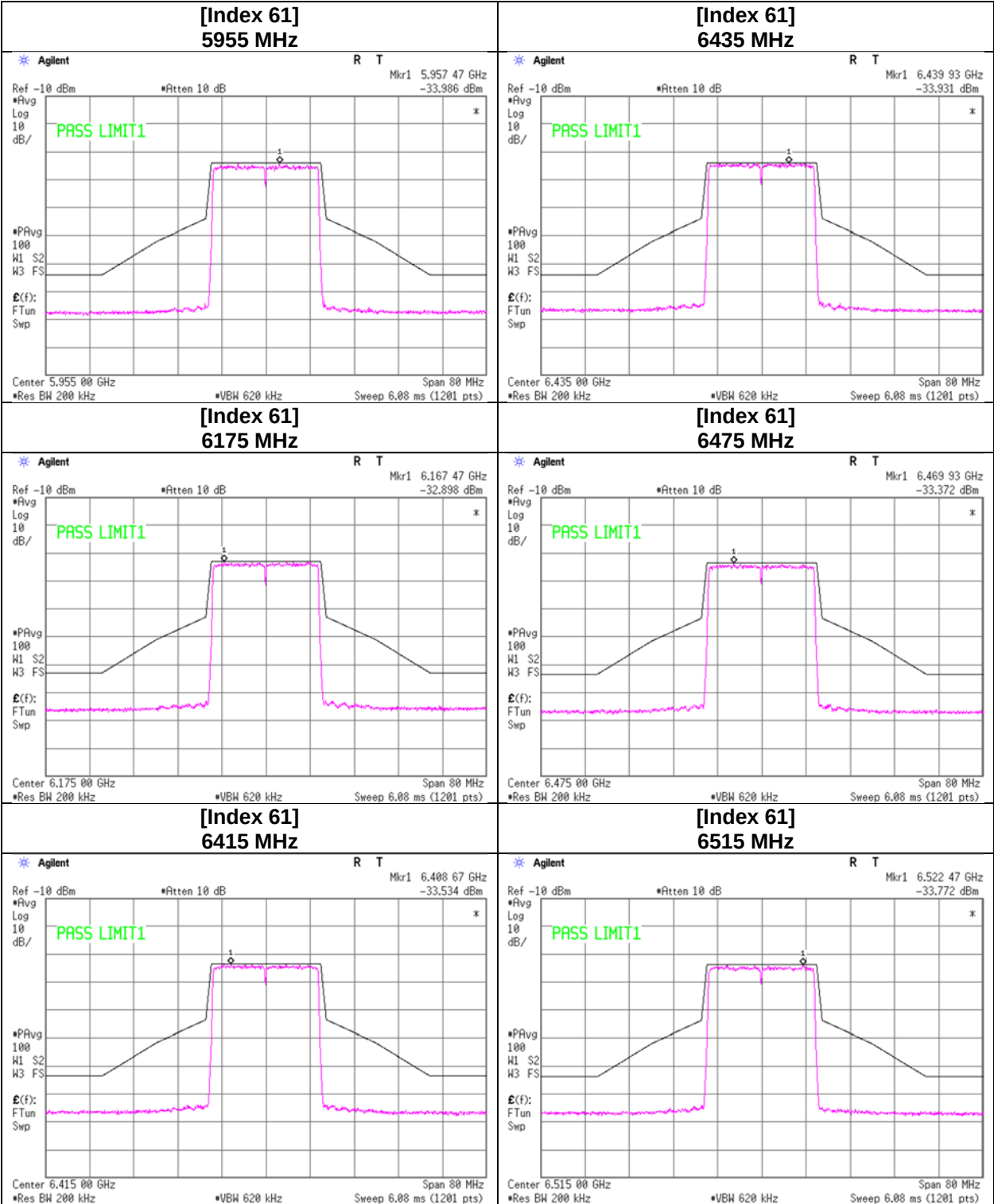
Ise EMC Lab. No.8 Measurement Room
February 1, 2024
22 deg. C / 39 % RH
Takumi Nishida
Tx 11be-20 [106-tone RU]



* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place	Ise EMC Lab. No.8 Measurement Room
Date	January 30, 2024
Temperature / Humidity	22 deg. C / 40 % RH
Engineer	Takafumi Noguchi
Mode	Tx 11be-20 [242-tone RU]

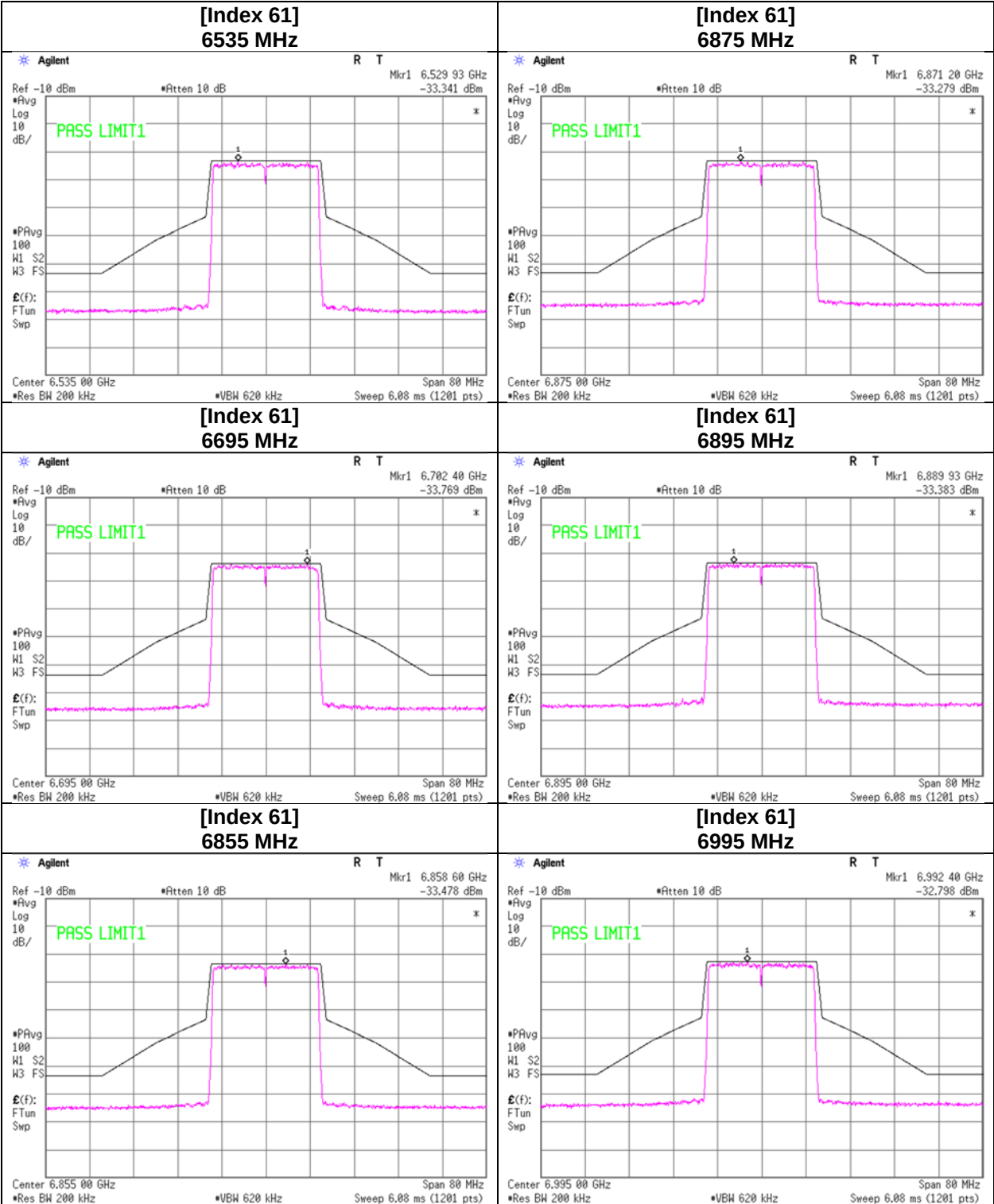


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 30, 2024
22 deg. C / 40 % RH
Takafumi Noguchi
Tx 11be-20 [242-tone RU]

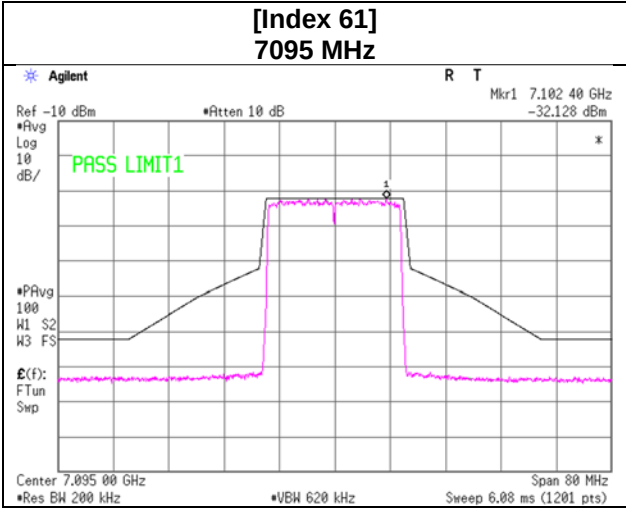


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 30, 2024
22 deg. C / 40 % RH
Takafumi Noguchi
Tx 11be-20 [242-tone RU]

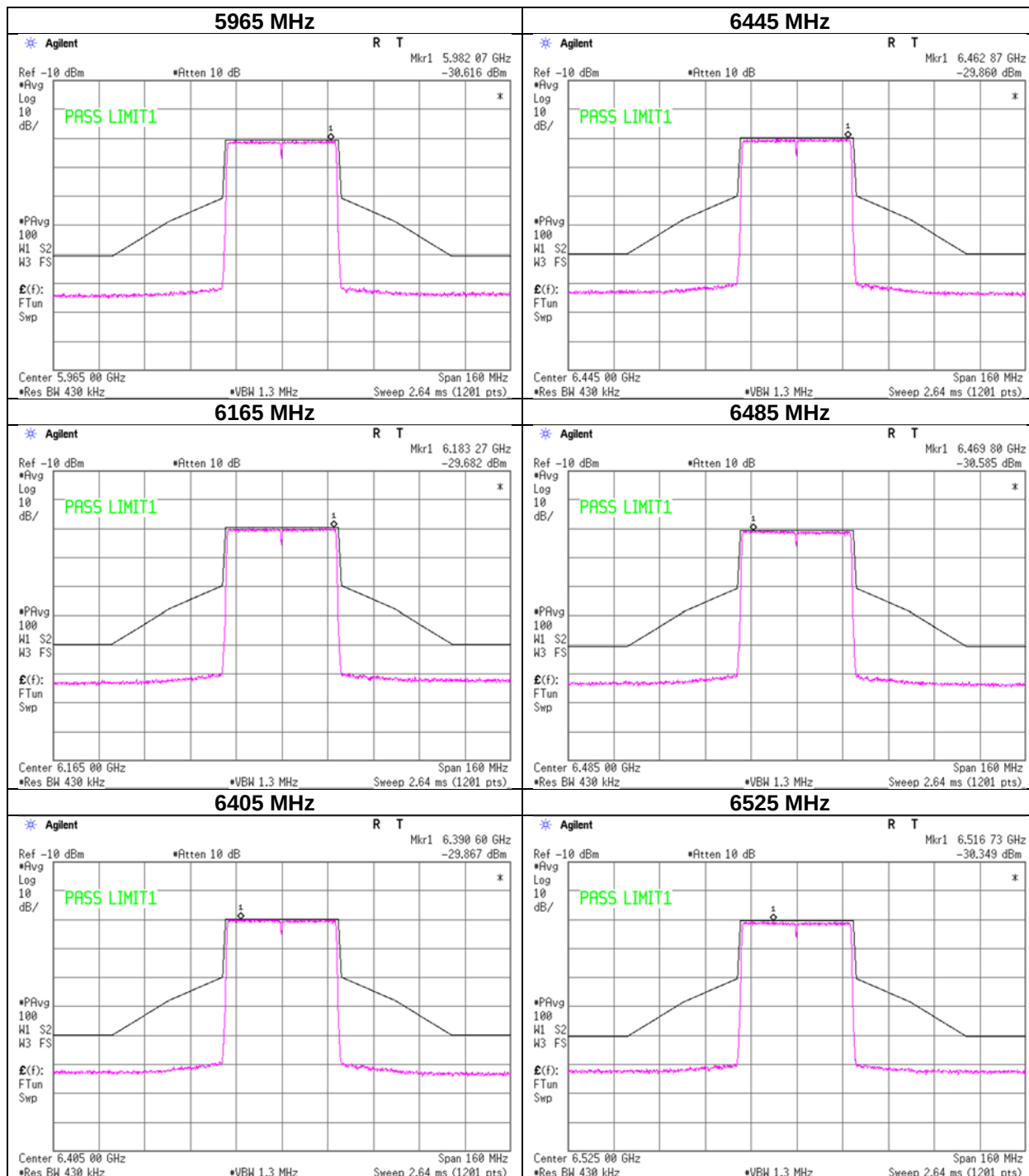


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 29, 2024
21 deg. C / 39 % RH
Takafumi Noguchi
Tx 11be-40 [OFDM]

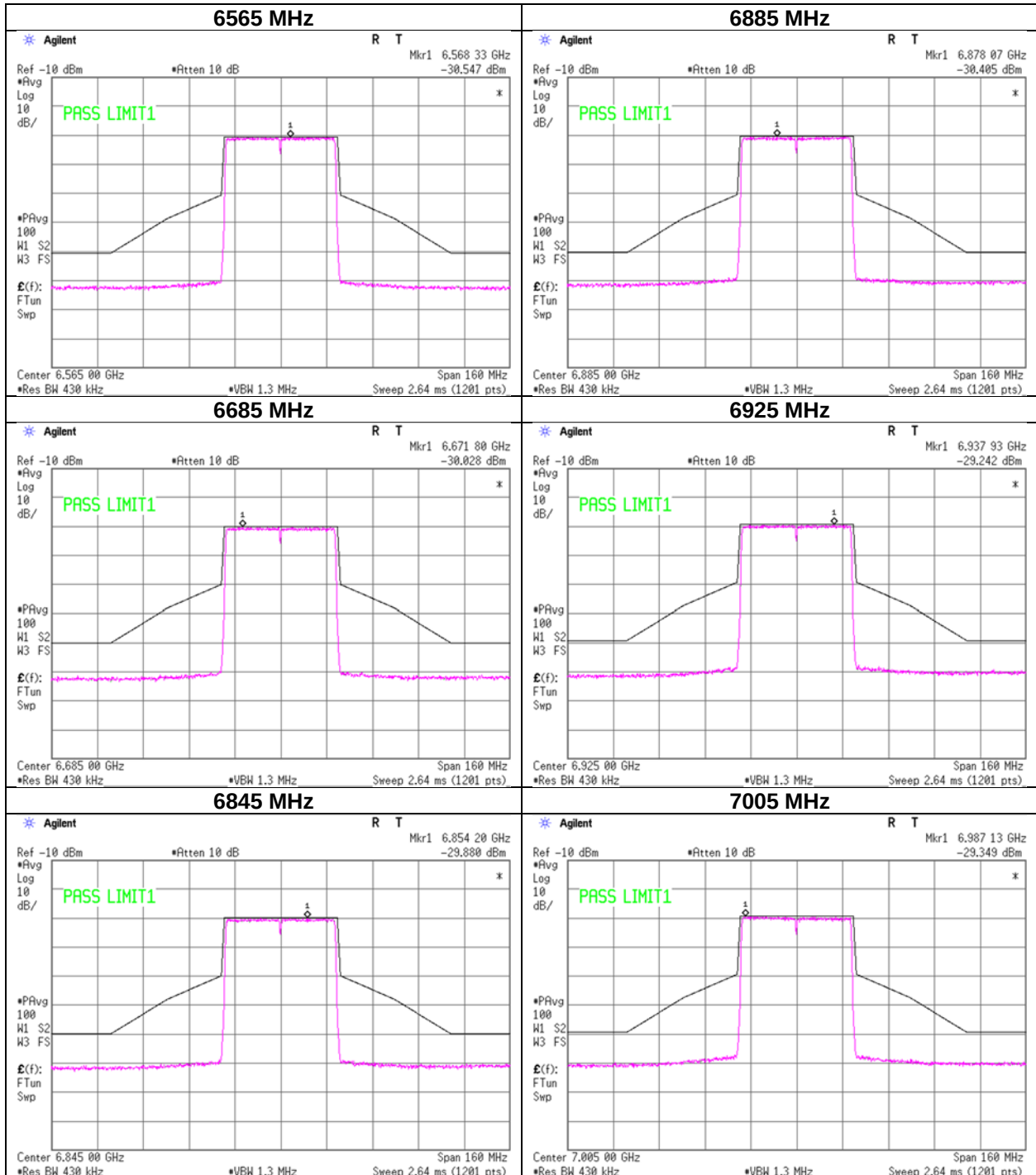


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 29, 2024
21 deg. C / 39 % RH
Takafumi Noguchi
Tx 11be-40 [OFDM]

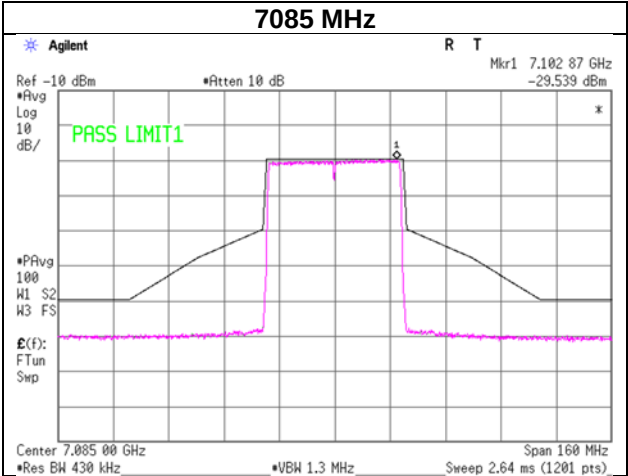


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 29, 2024
21 deg. C / 39 % RH
Takafumi Noguchi
Tx 11be-40 [OFDM]

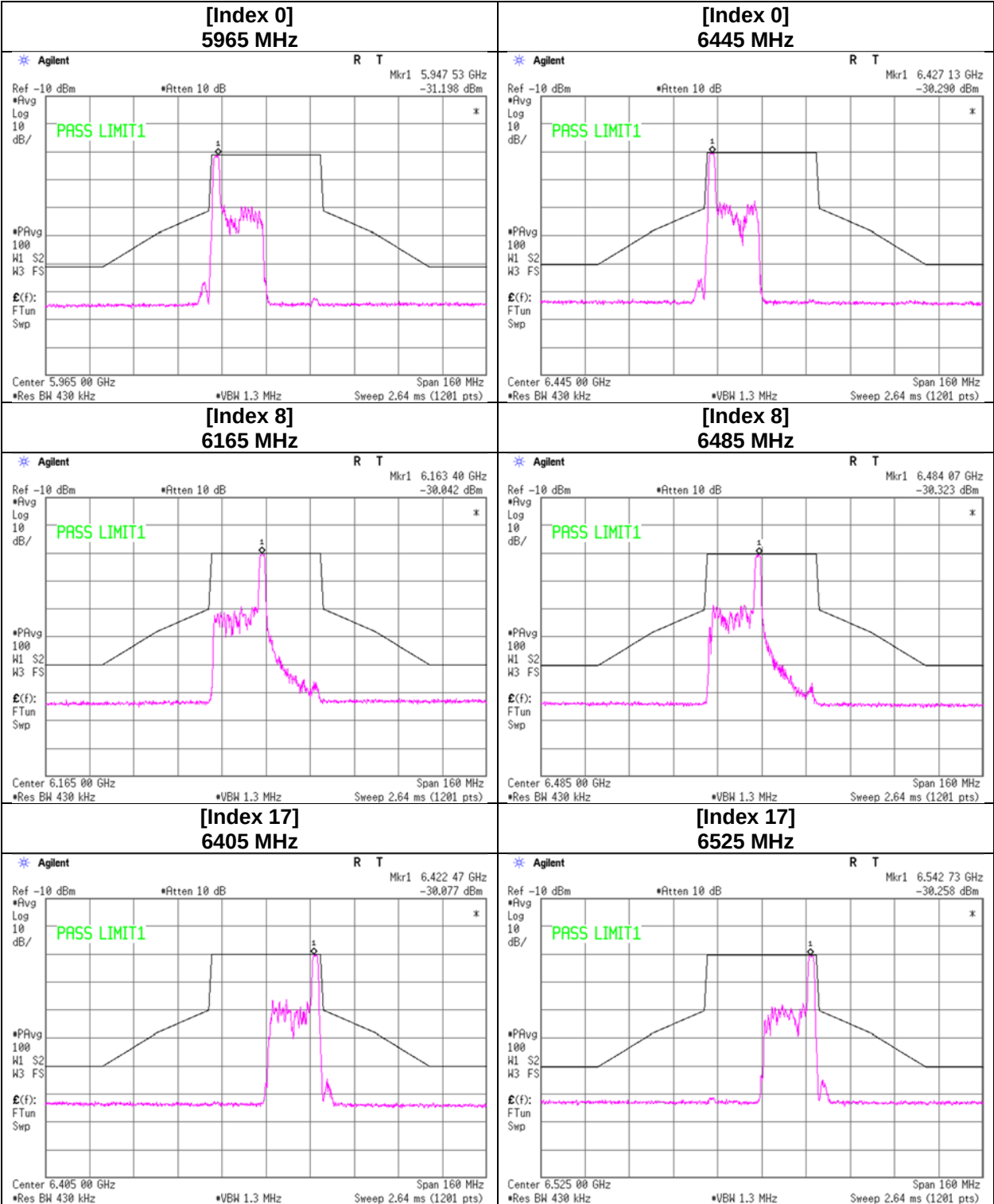


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 30, 2024
22 deg. C / 40 % RH
Takafumi Noguchi
Tx 11be-40 [26-tone RU]

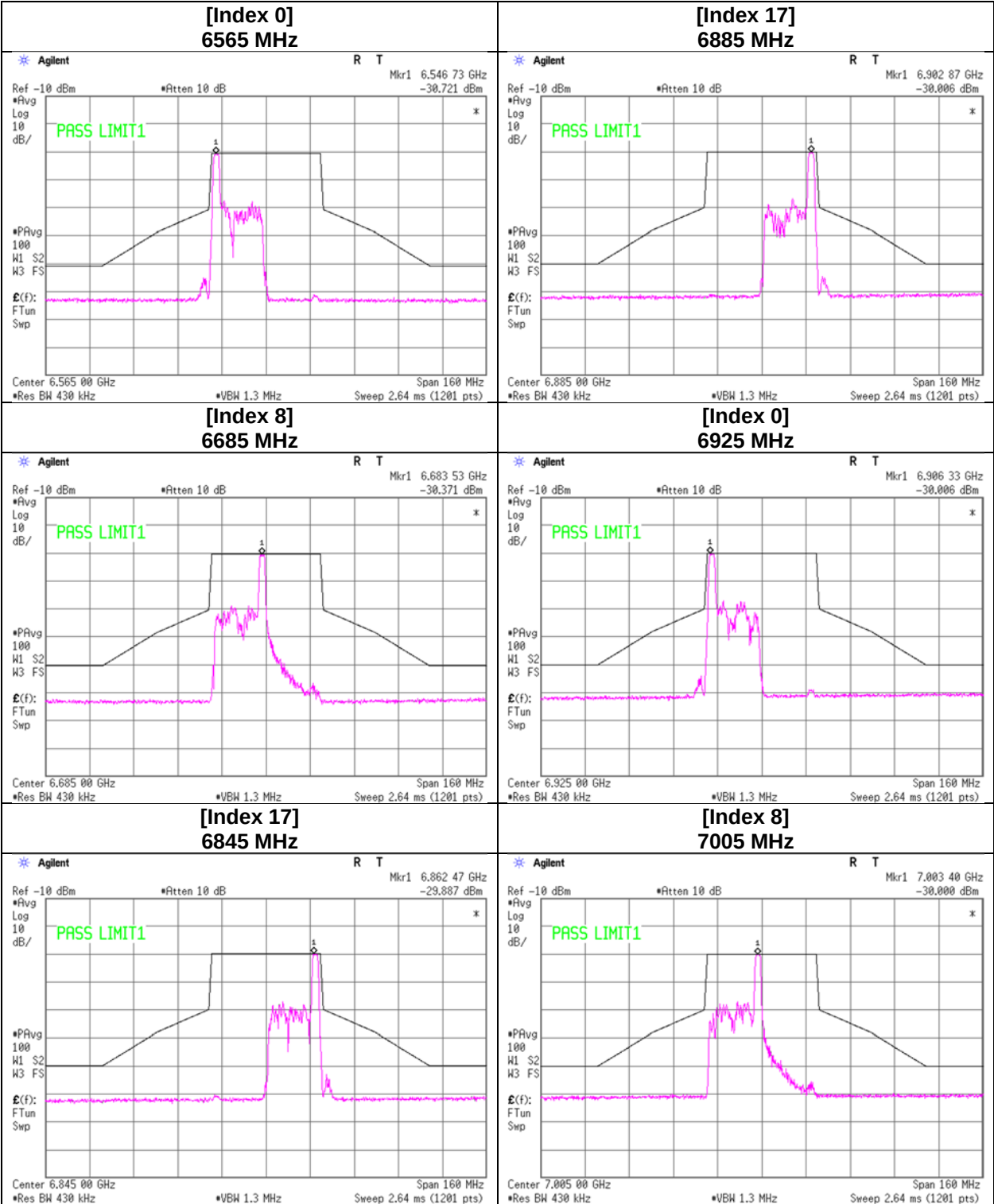


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 30, 2024
22 deg. C / 40 % RH
Takafumi Noguchi
Tx 11be-40 [26-tone RU]

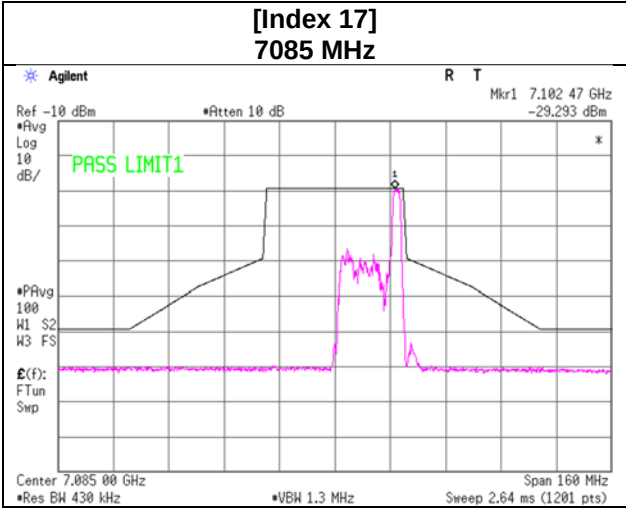


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 30, 2024
22 deg. C / 40 % RH
Takafumi Noguchi
Tx 11be-40 [26-tone RU]

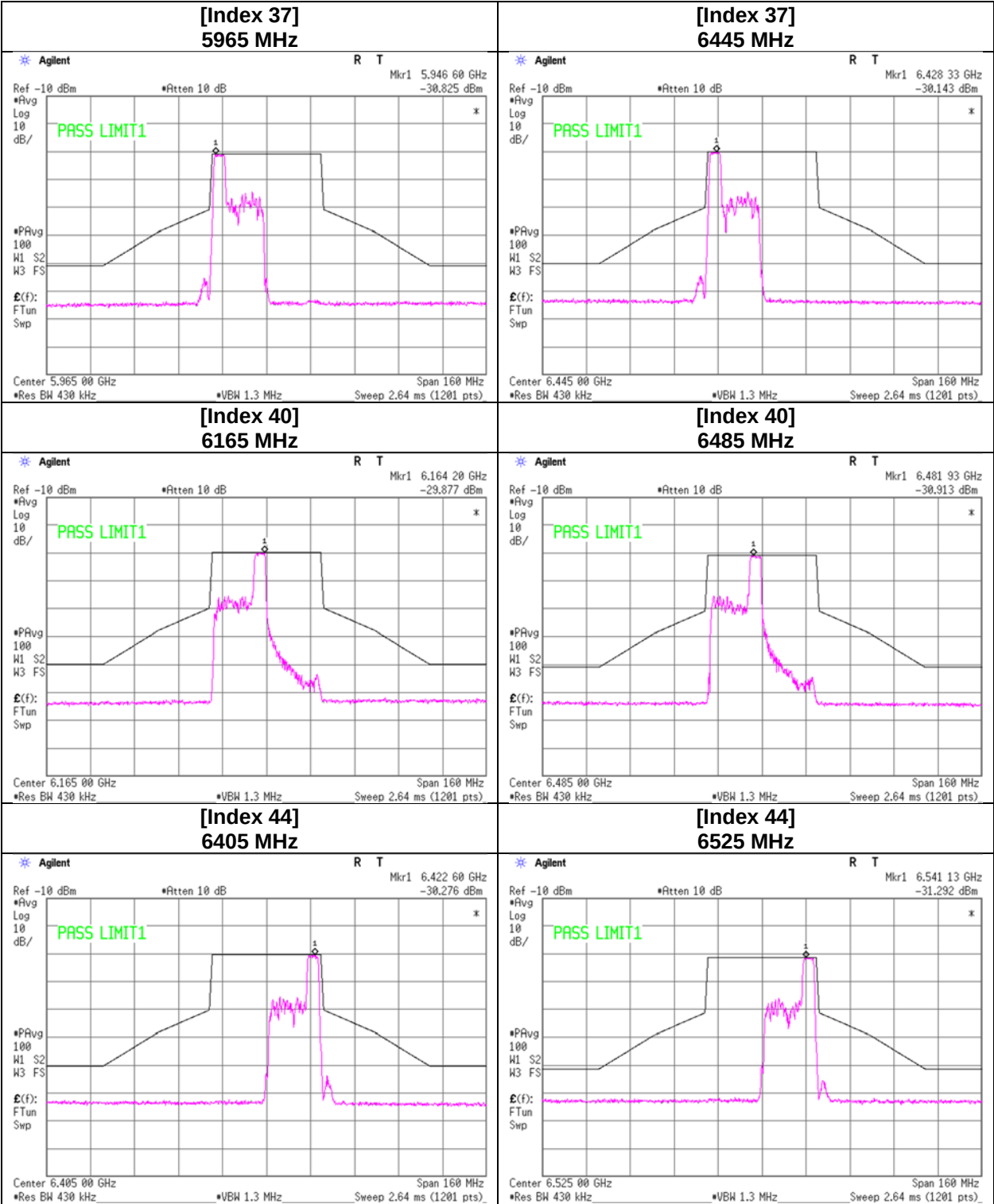


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 31, 2024
23 deg. C / 43 % RH
Takafumi Noguchi
Tx 11be-40 [52-tone RU]

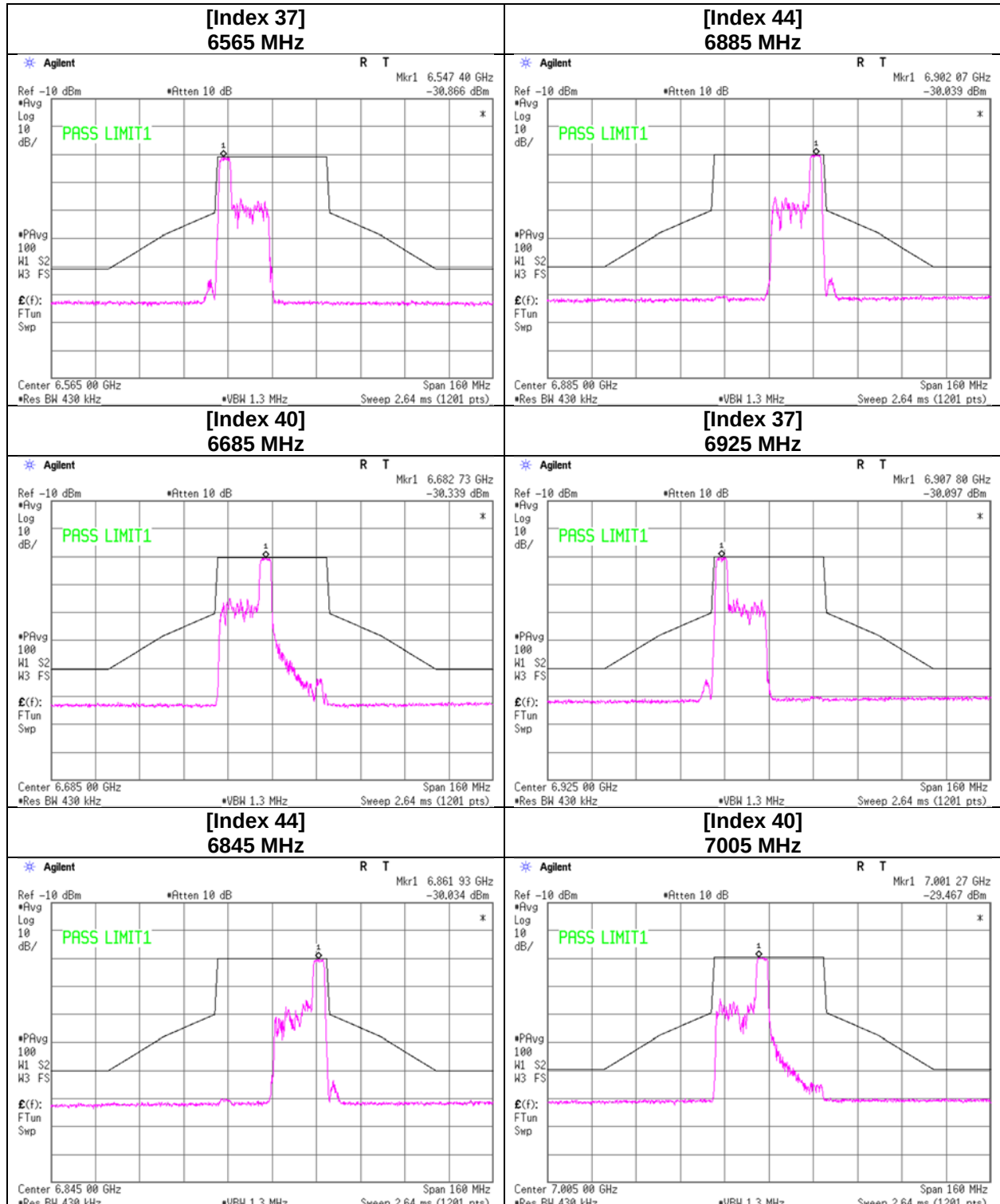


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

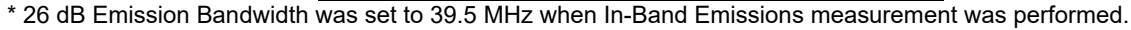
In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
January 31, 2024
23 deg. C / 43 % RH
Takafumi Noguchi
Tx 11be-40 [52-tone RU]



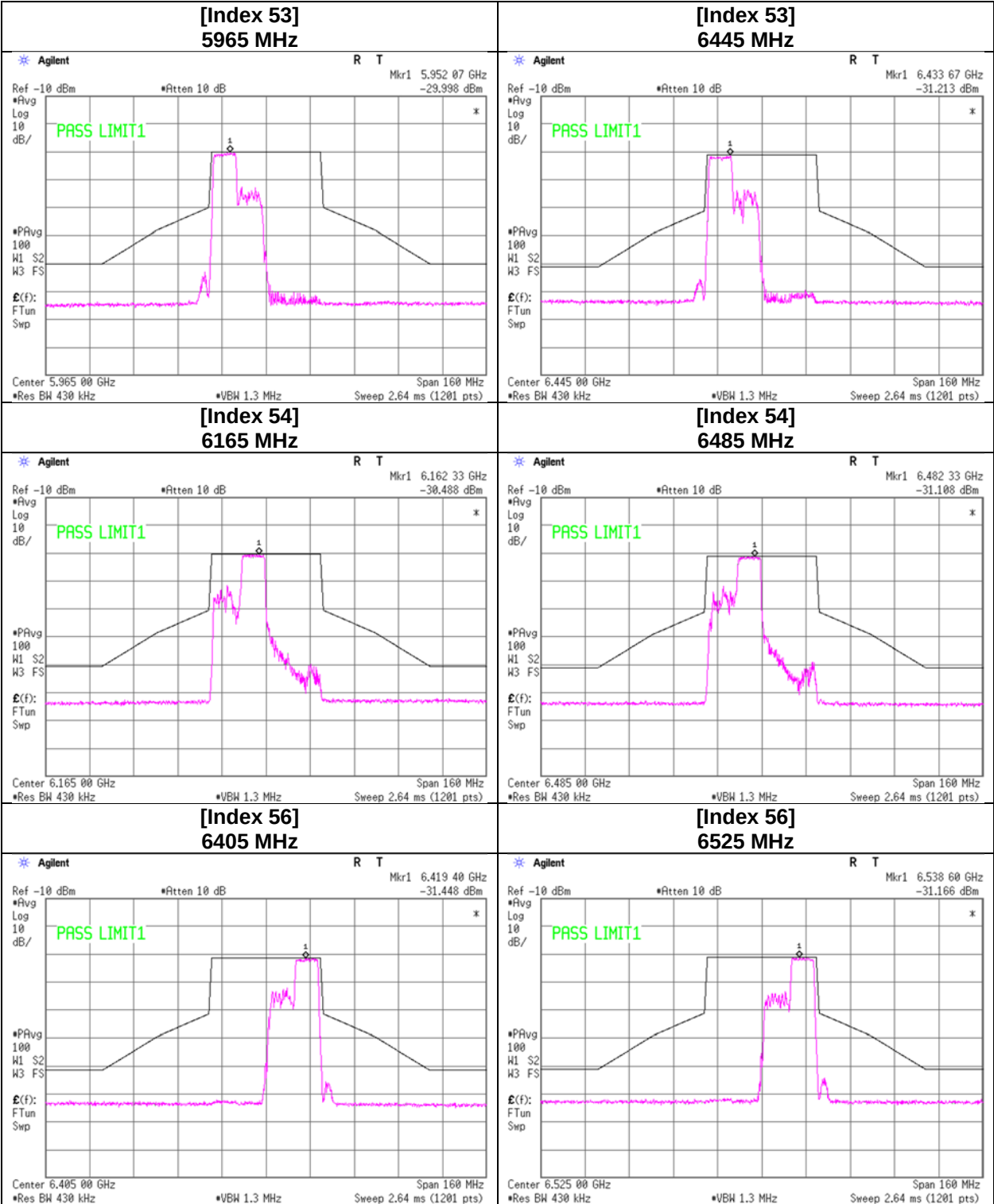
* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.



In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
February 1, 2024
22 deg. C / 39 % RH
Takumi Nishida
Tx 11be-40 [106-tone RU]

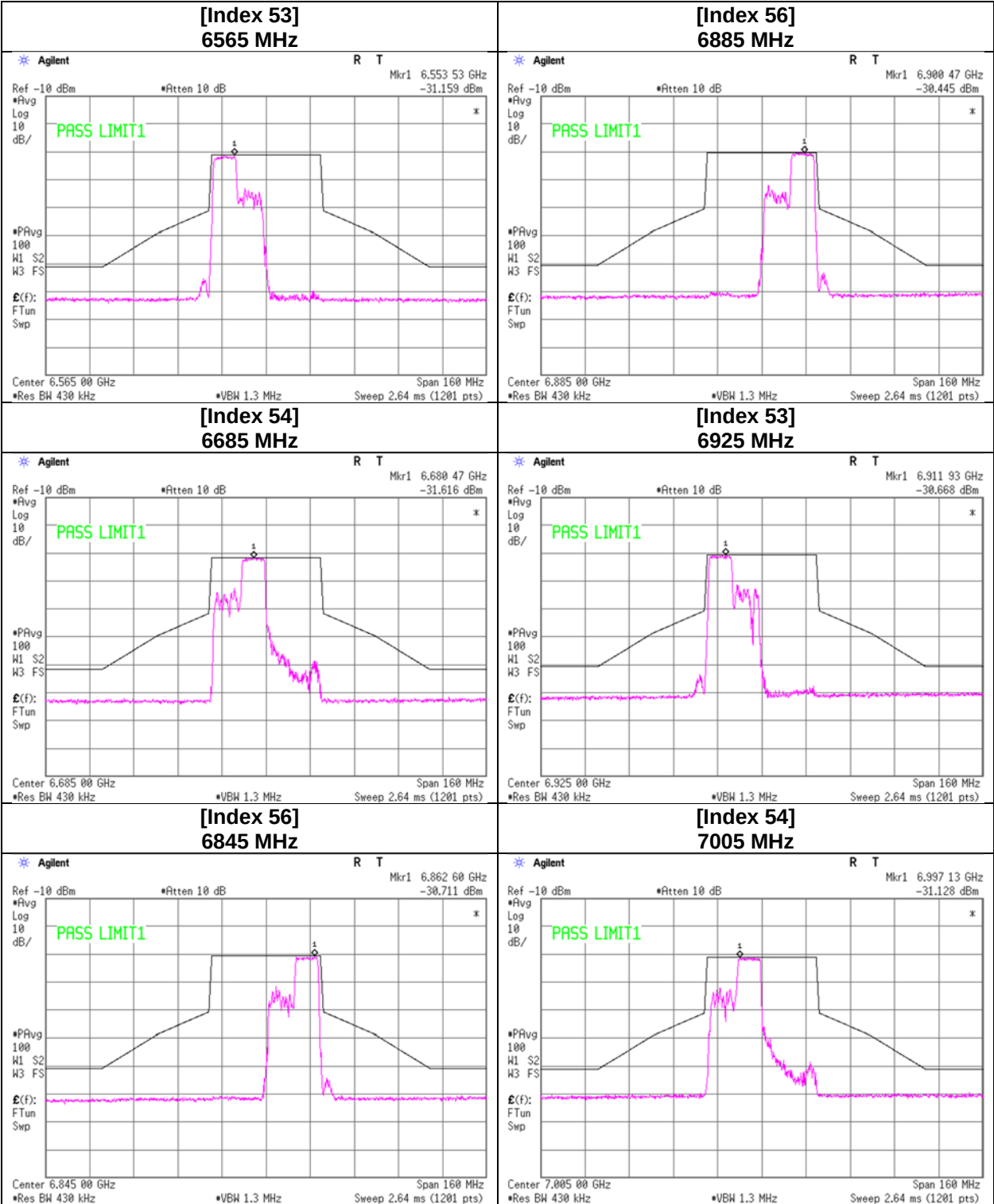


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
February 1, 2024
22 deg. C / 39 % RH
Takumi Nishida
Tx 11be-40 [106-tone RU]

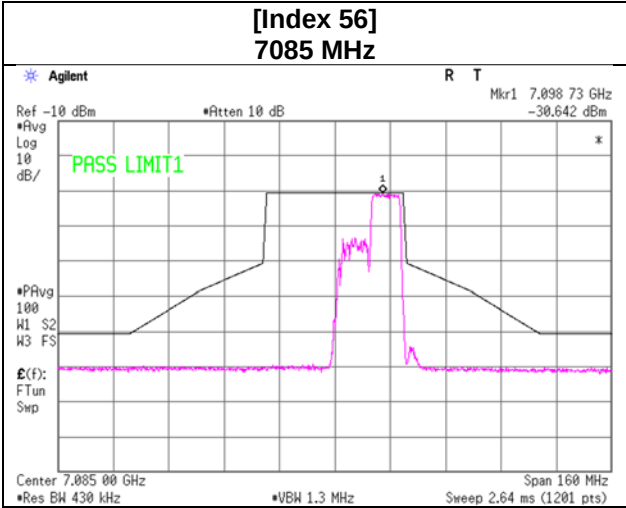


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

Test place
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab. No.8 Measurement Room
February 1, 2024
22 deg. C / 39 % RH
Takumi Nishida
Tx 11be-40 [106-tone RU]



* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.