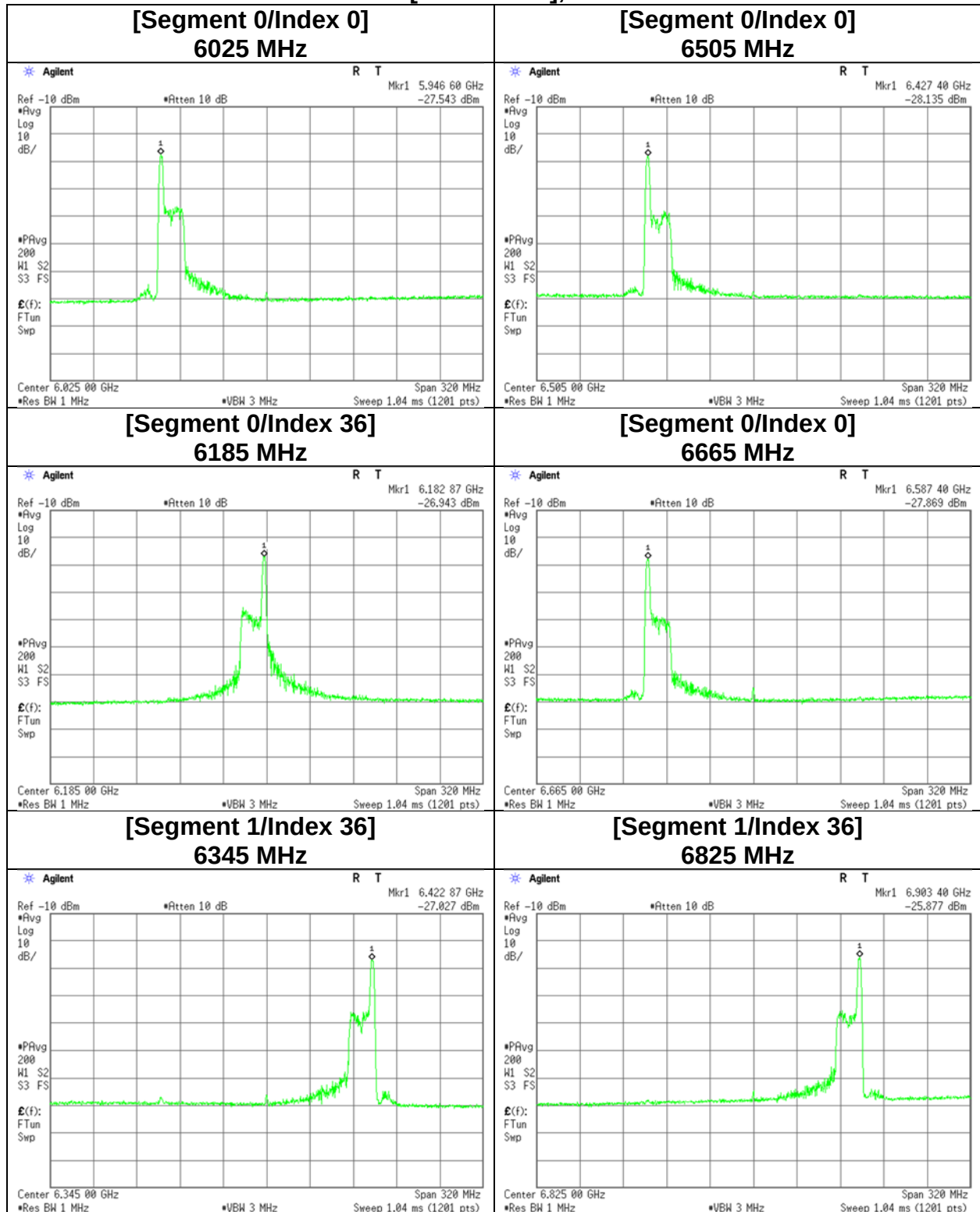


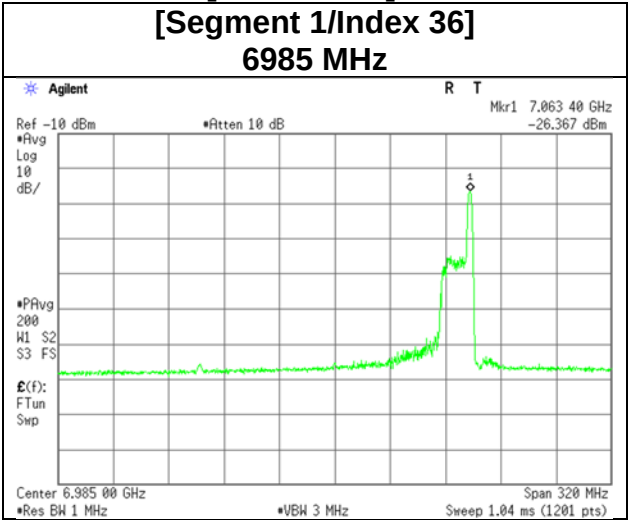
Maximum Power Spectral Density

11be-160 [26-tone RU], Antenna 3



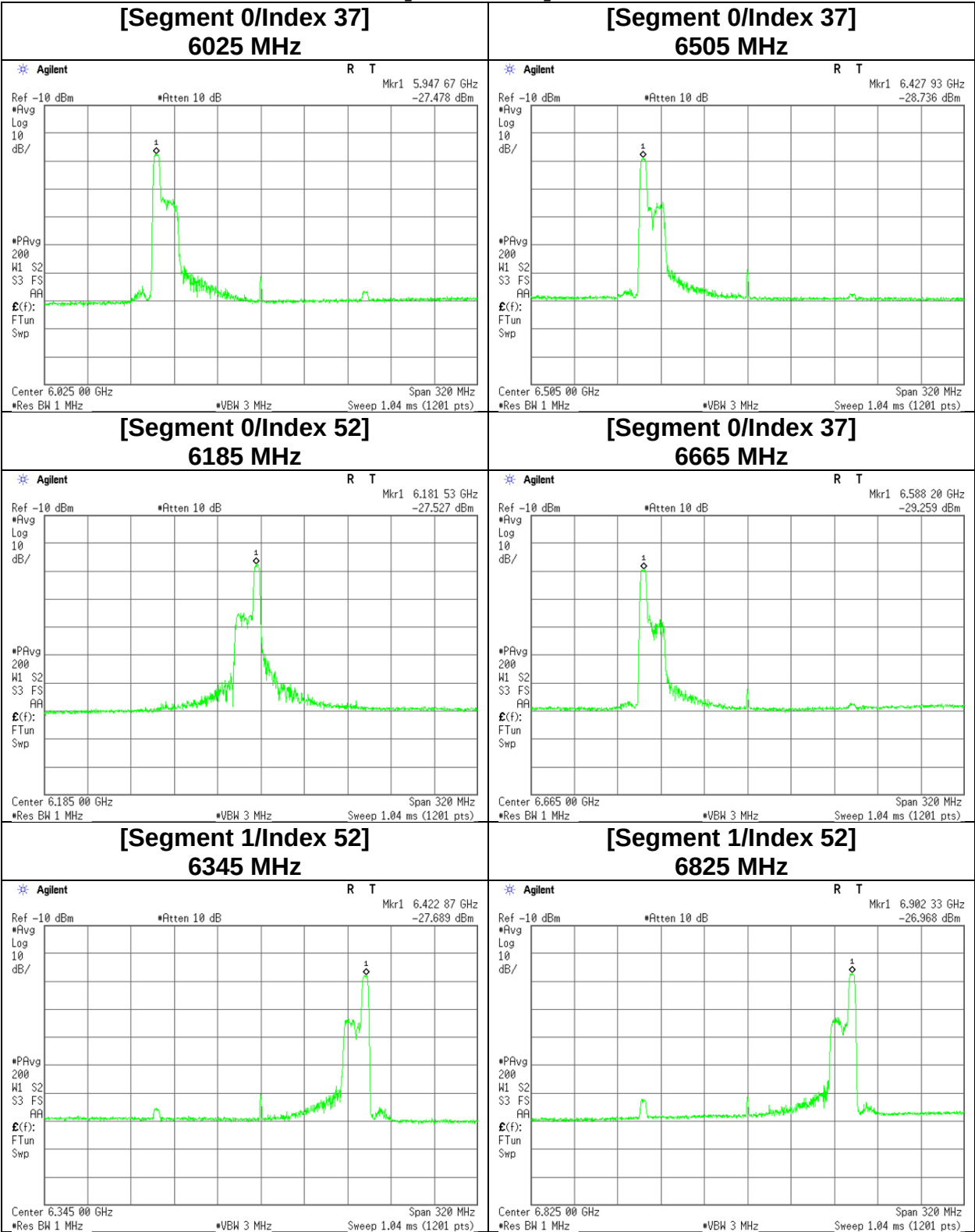
Maximum Power Spectral Density

11be-160 [26-tone RU], Antenna 3
[Segment 1/Index 36]
6985 MHz



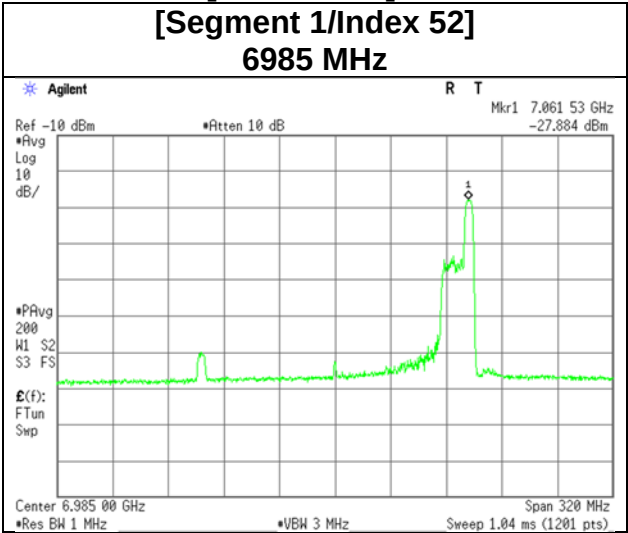
Maximum Power Spectral Density

11be-160 [52-tone RU], Antenna 1



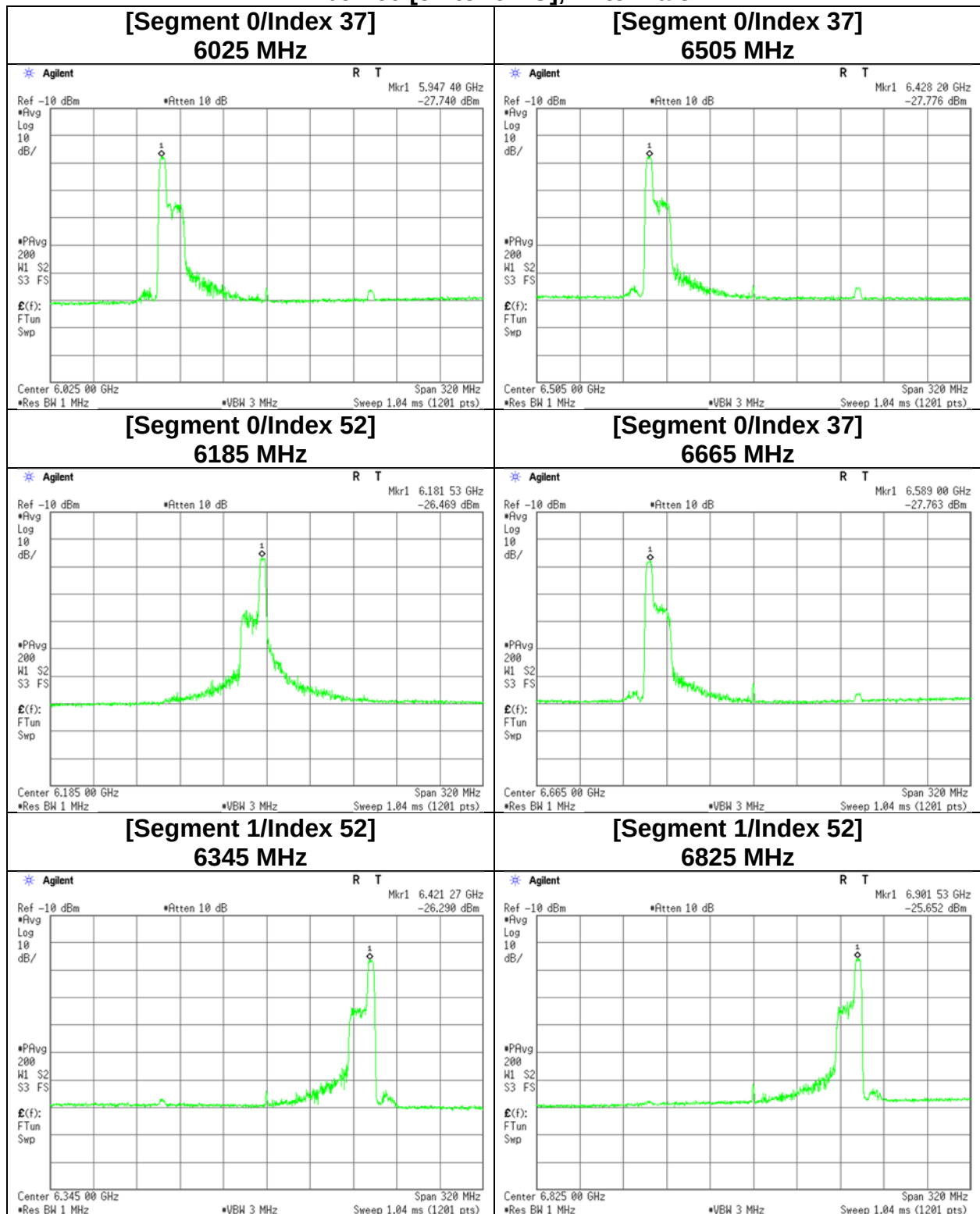
Maximum Power Spectral Density

11be-160 [52-tone RU], Antenna 1
[Segment 1/Index 52]
6985 MHz



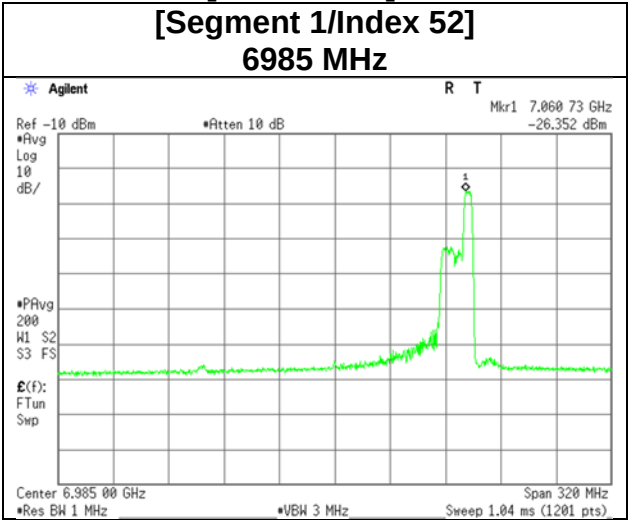
Maximum Power Spectral Density

11be-160 [52-tone RU], Antenna 3



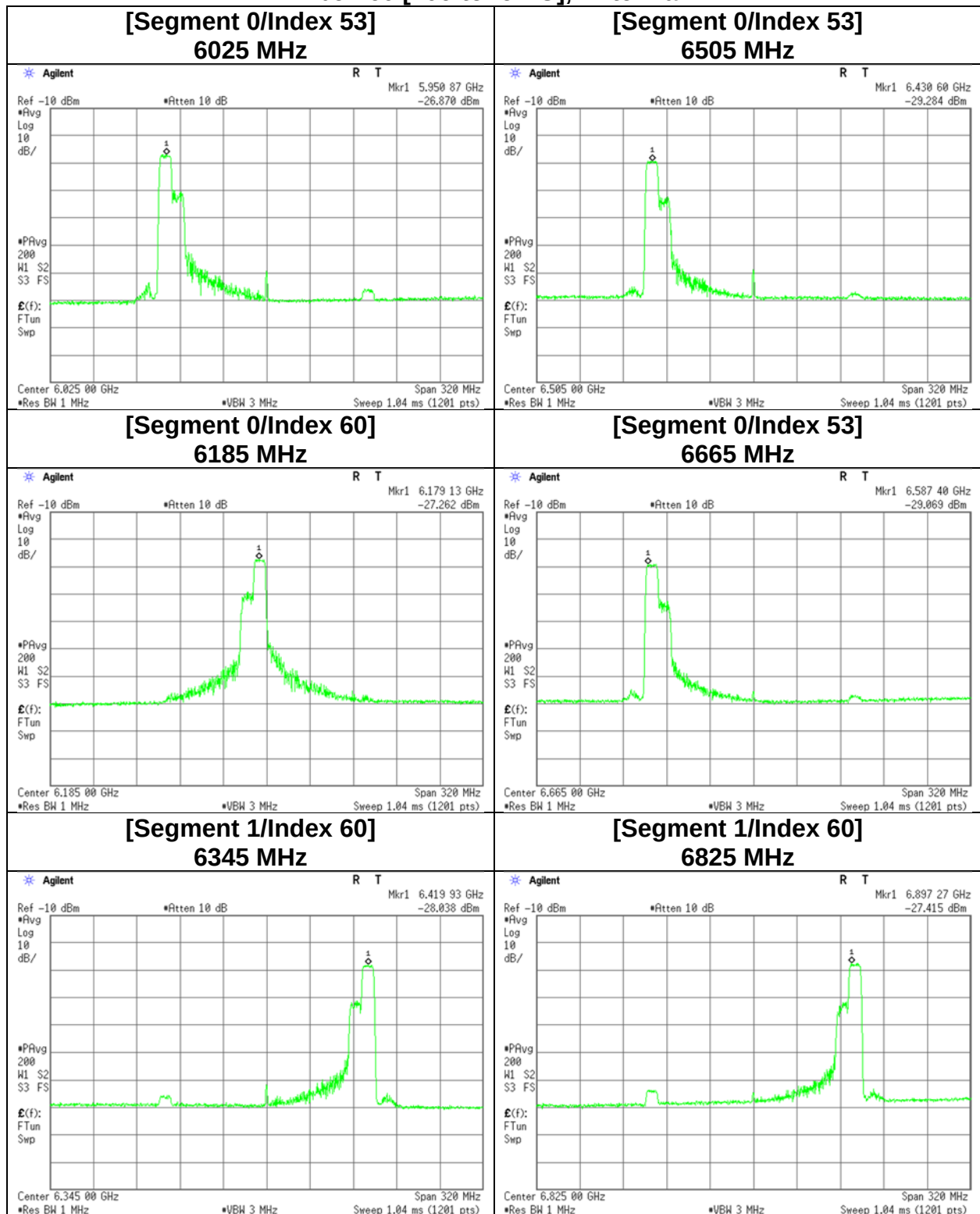
Maximum Power Spectral Density

11be-160 [52-tone RU], Antenna 3
[Segment 1/Index 52]
6985 MHz



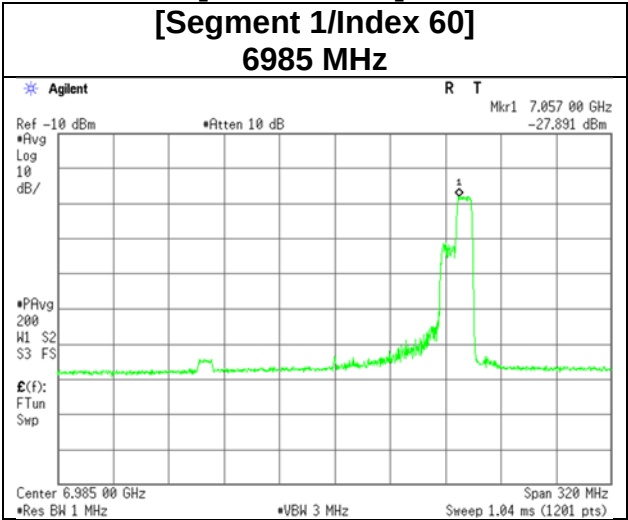
Maximum Power Spectral Density

11be-160 [106-tone RU], Antenna 1



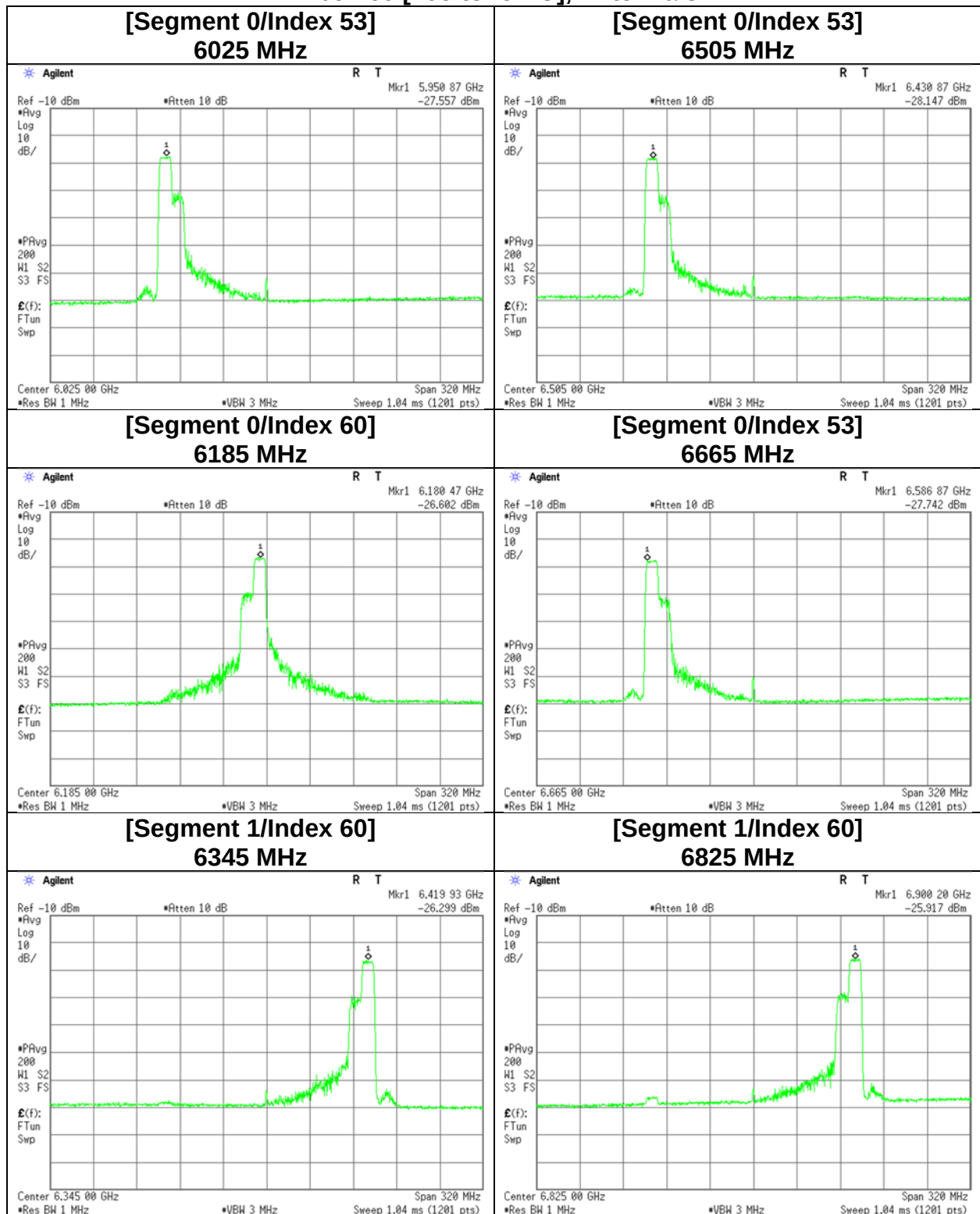
Maximum Power Spectral Density

11be-160 [106-tone RU], Antenna 1
[Segment 1/Index 60]
6985 MHz



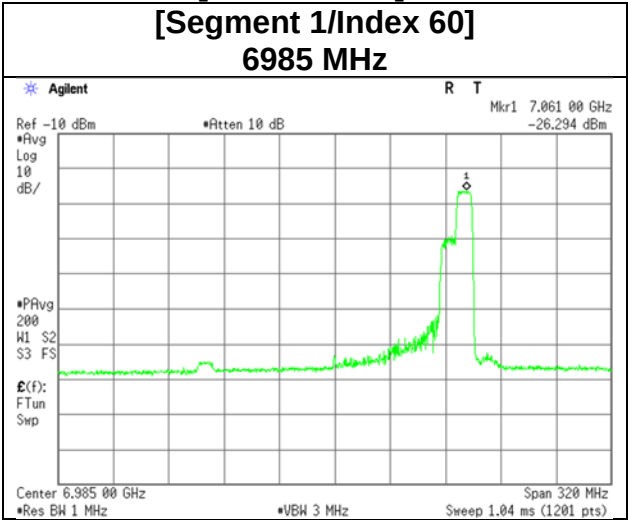
Maximum Power Spectral Density

11be-160 [106-tone RU], Antenna 3



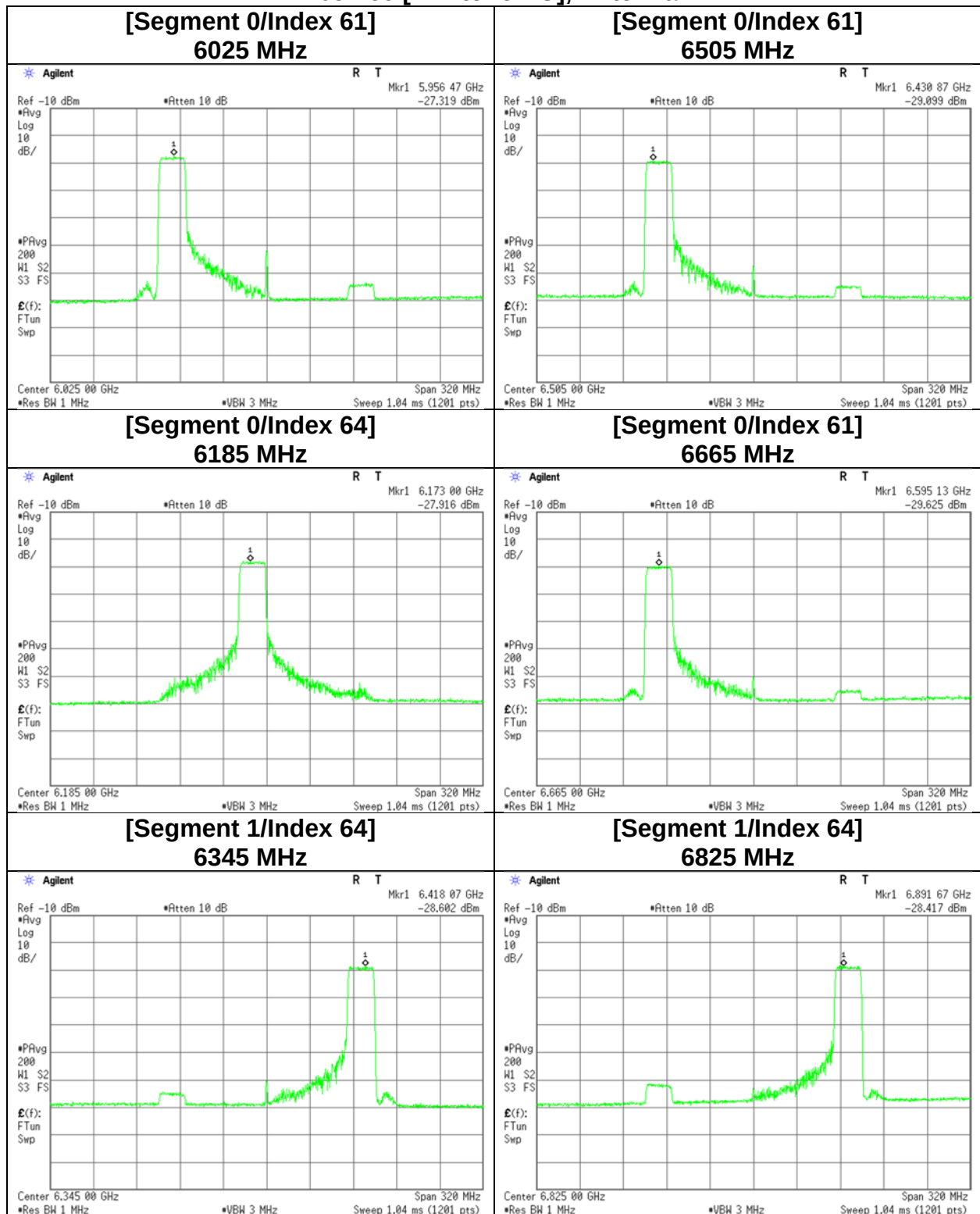
Maximum Power Spectral Density

11be-160 [106-tone RU], Antenna 3
[Segment 1/Index 60]
6985 MHz



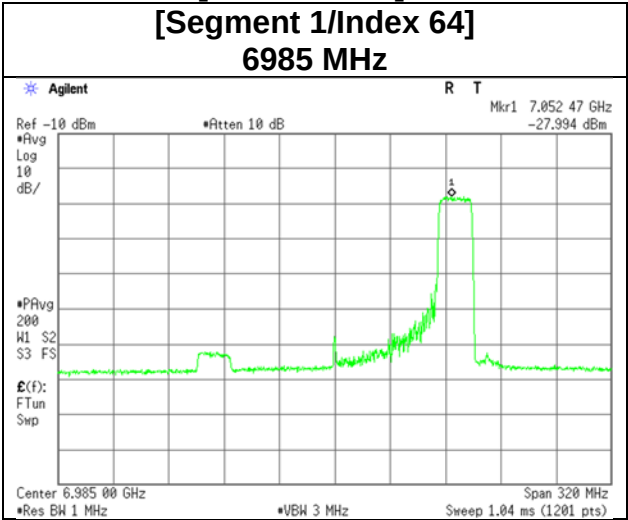
Maximum Power Spectral Density

11be-160 [242-tone RU], Antenna 1



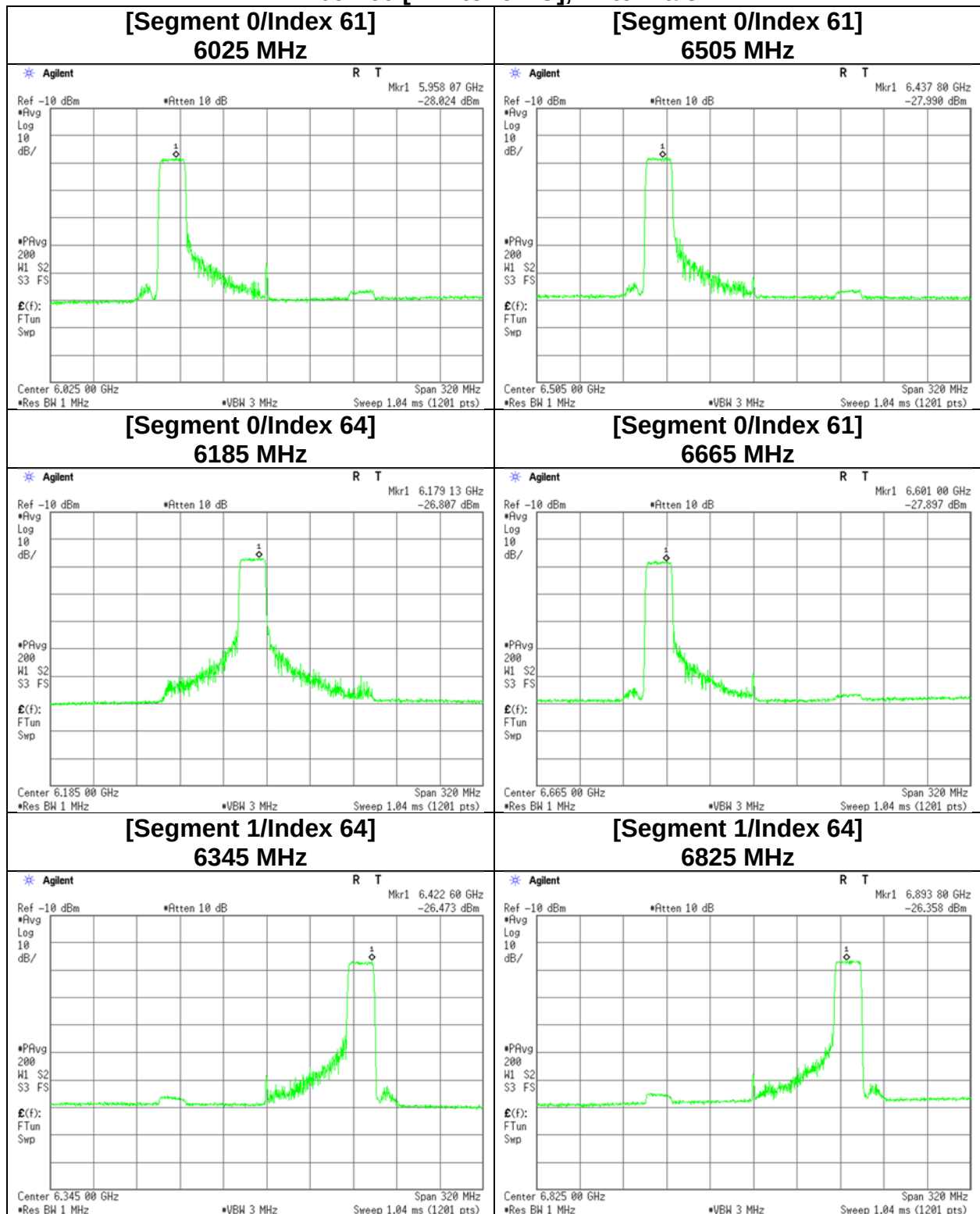
Maximum Power Spectral Density

11be-160 [242-tone RU], Antenna 1
[Segment 1/Index 64]
6985 MHz



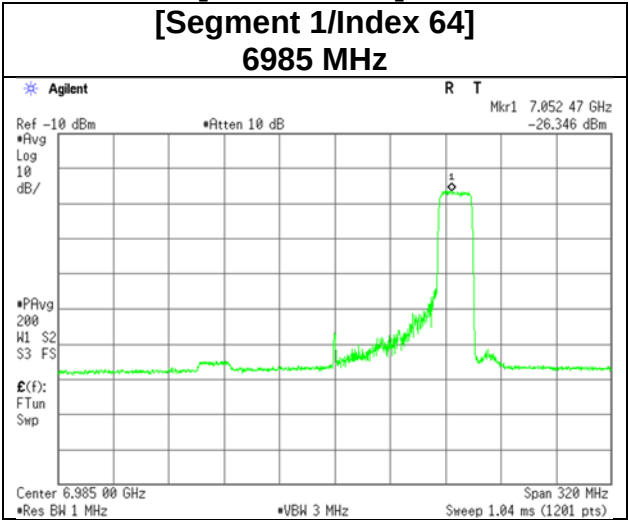
Maximum Power Spectral Density

11be-160 [242-tone RU], Antenna 3



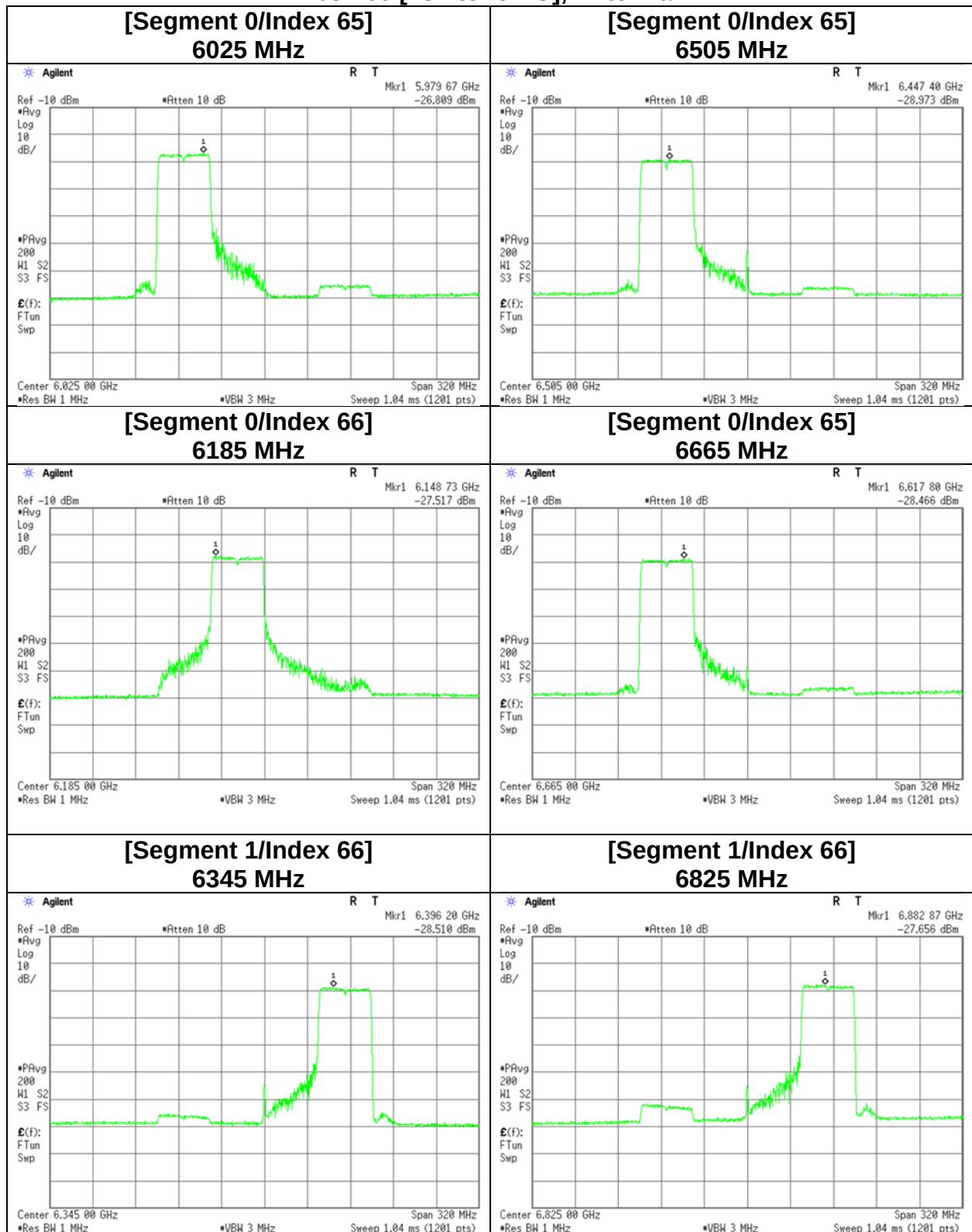
Maximum Power Spectral Density

11be-160 [242-tone RU], Antenna 3
[Segment 1/Index 64]
6985 MHz



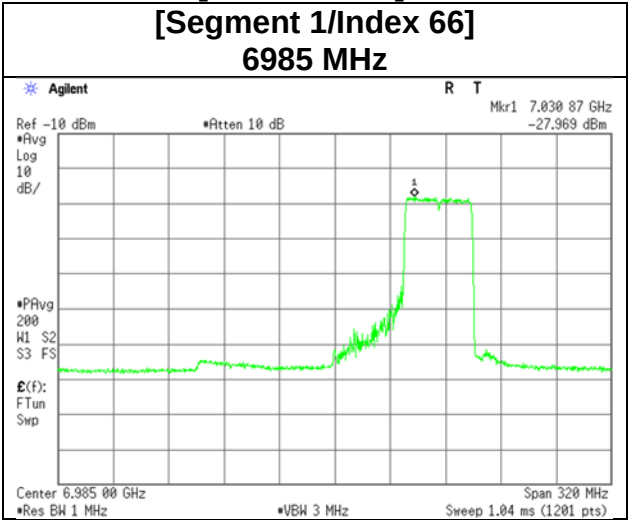
Maximum Power Spectral Density

11be-160 [484-tone RU], Antenna 1



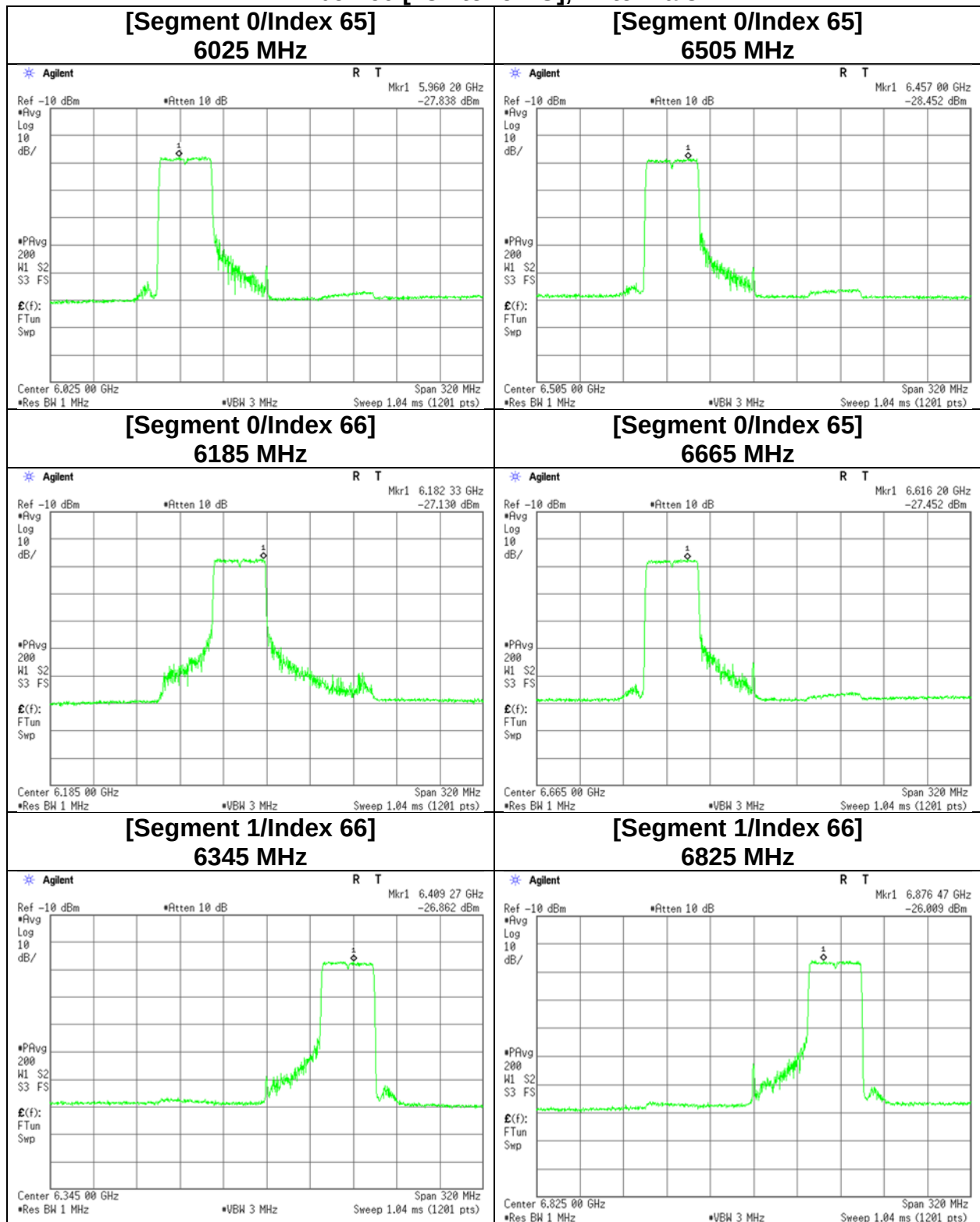
Maximum Power Spectral Density

11be-160 [484-tone RU], Antenna 1
[Segment 1/Index 66]
6985 MHz



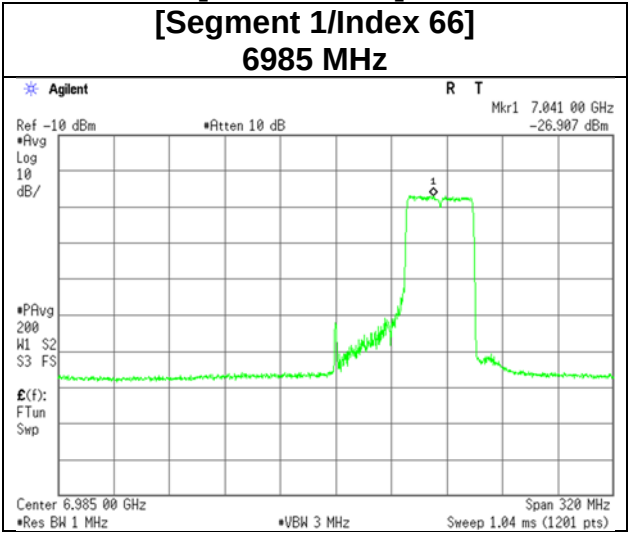
Maximum Power Spectral Density

11be-160 [484-tone RU], Antenna 3



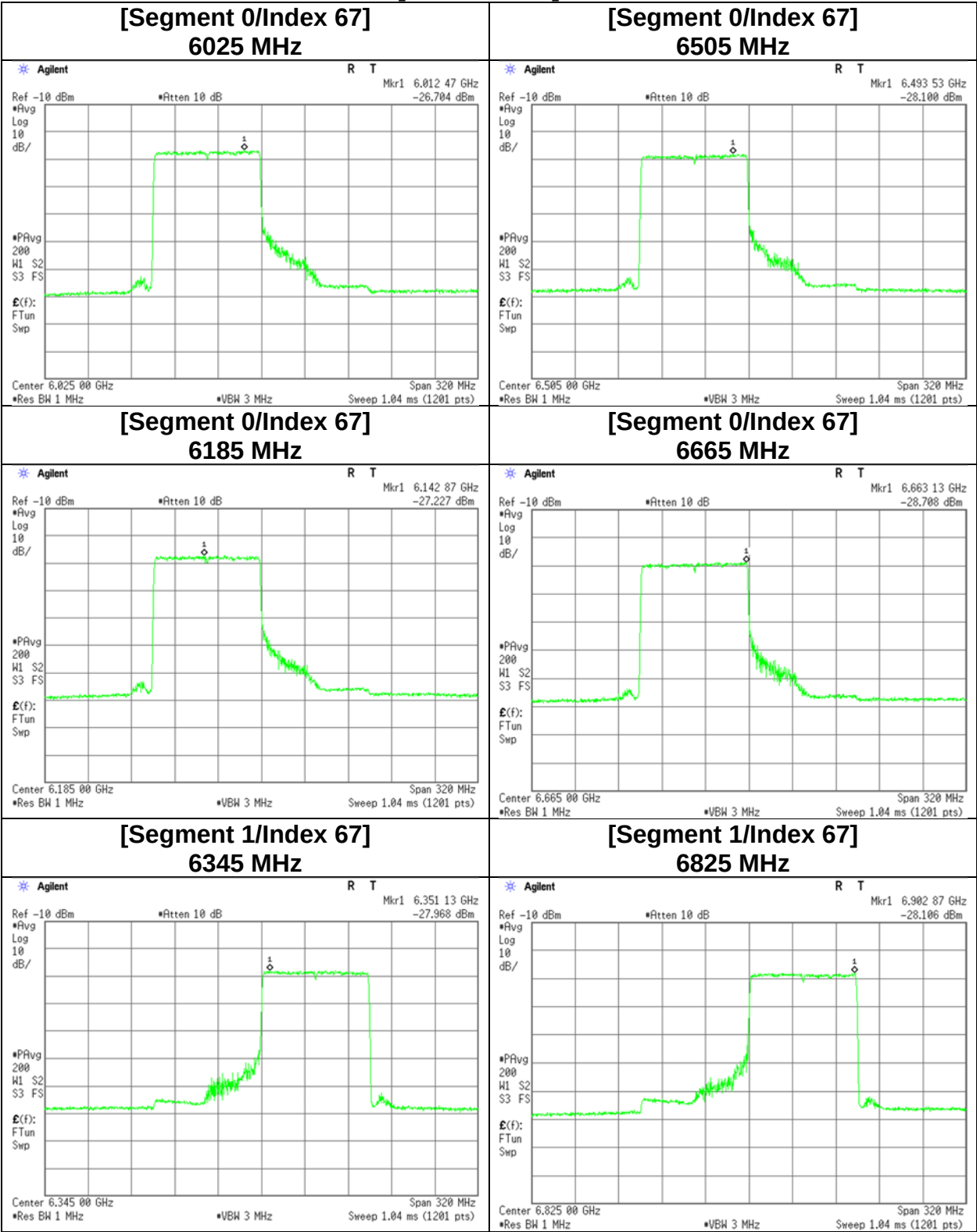
Maximum Power Spectral Density

11be-160 [484-tone RU], Antenna 3
[Segment 1/Index 66]
6985 MHz



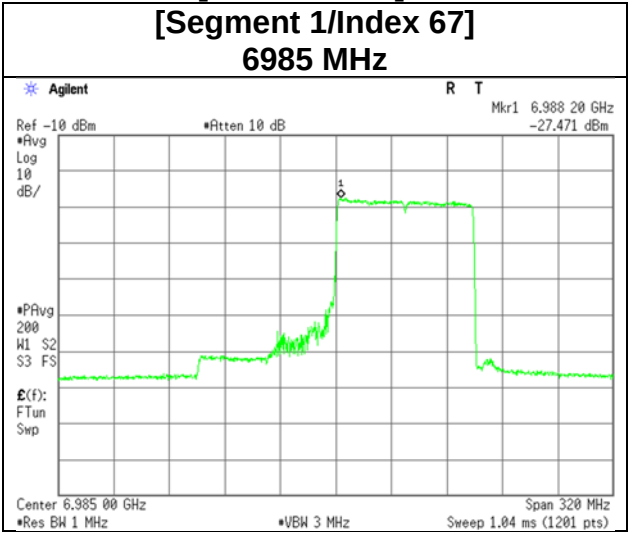
Maximum Power Spectral Density

11be-160 [996-tone RU], Antenna 1



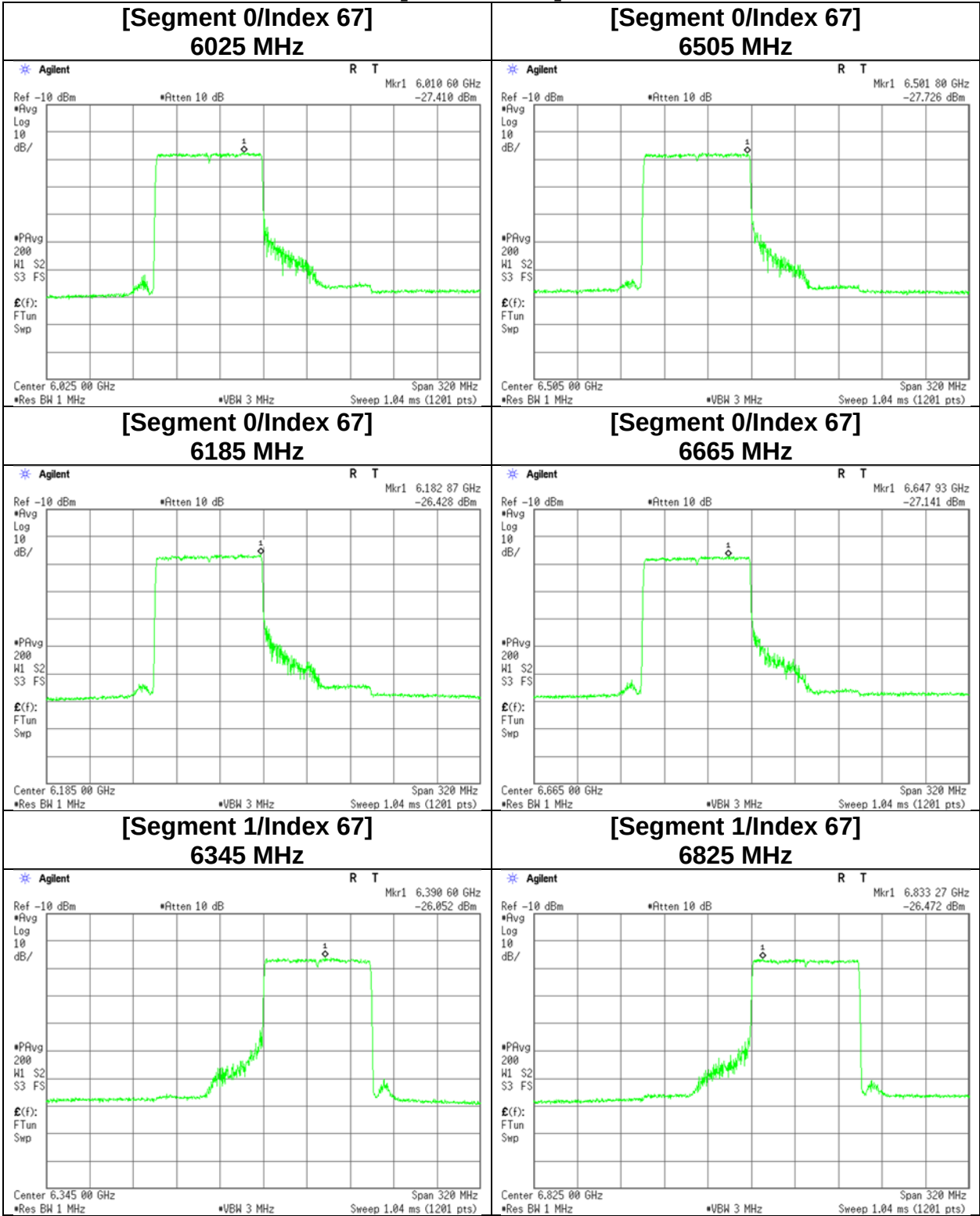
Maximum Power Spectral Density

11be-160 [996-tone RU], Antenna 1
[Segment 1/Index 67]
6985 MHz



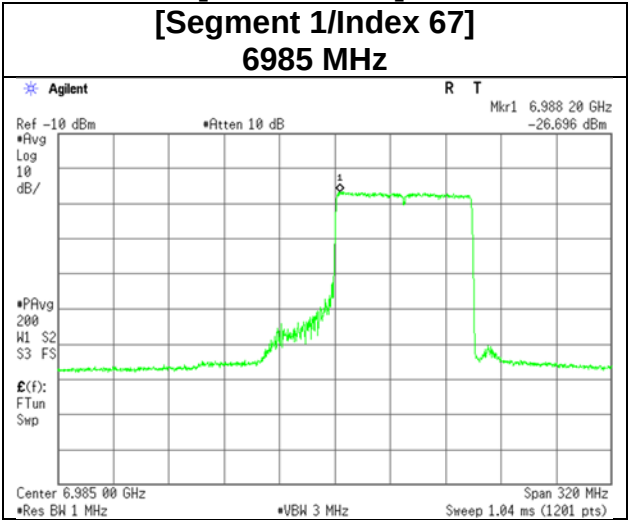
Maximum Power Spectral Density

11be-160 [996-tone RU], Antenna 3



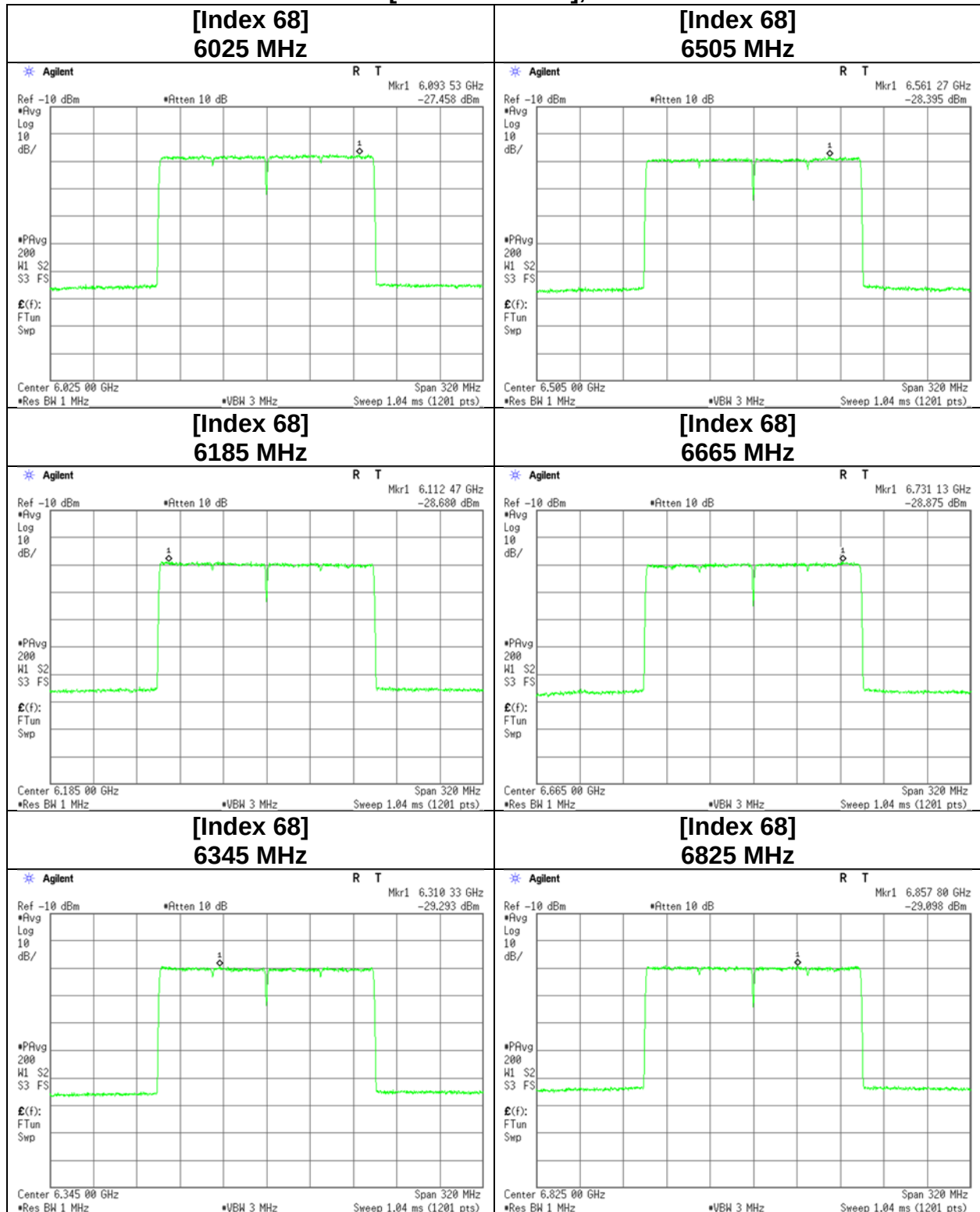
Maximum Power Spectral Density

11be-160 [996-tone RU], Antenna 3
[Segment 1/Index 67]
6985 MHz



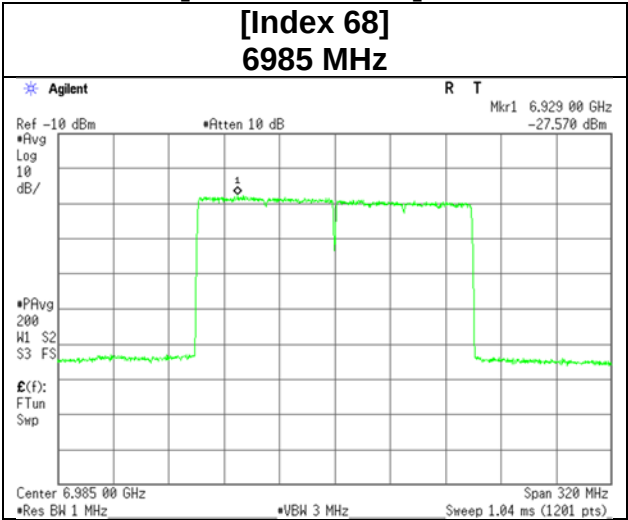
Maximum Power Spectral Density

11be-160 [2x996-tone RU], Antenna 1



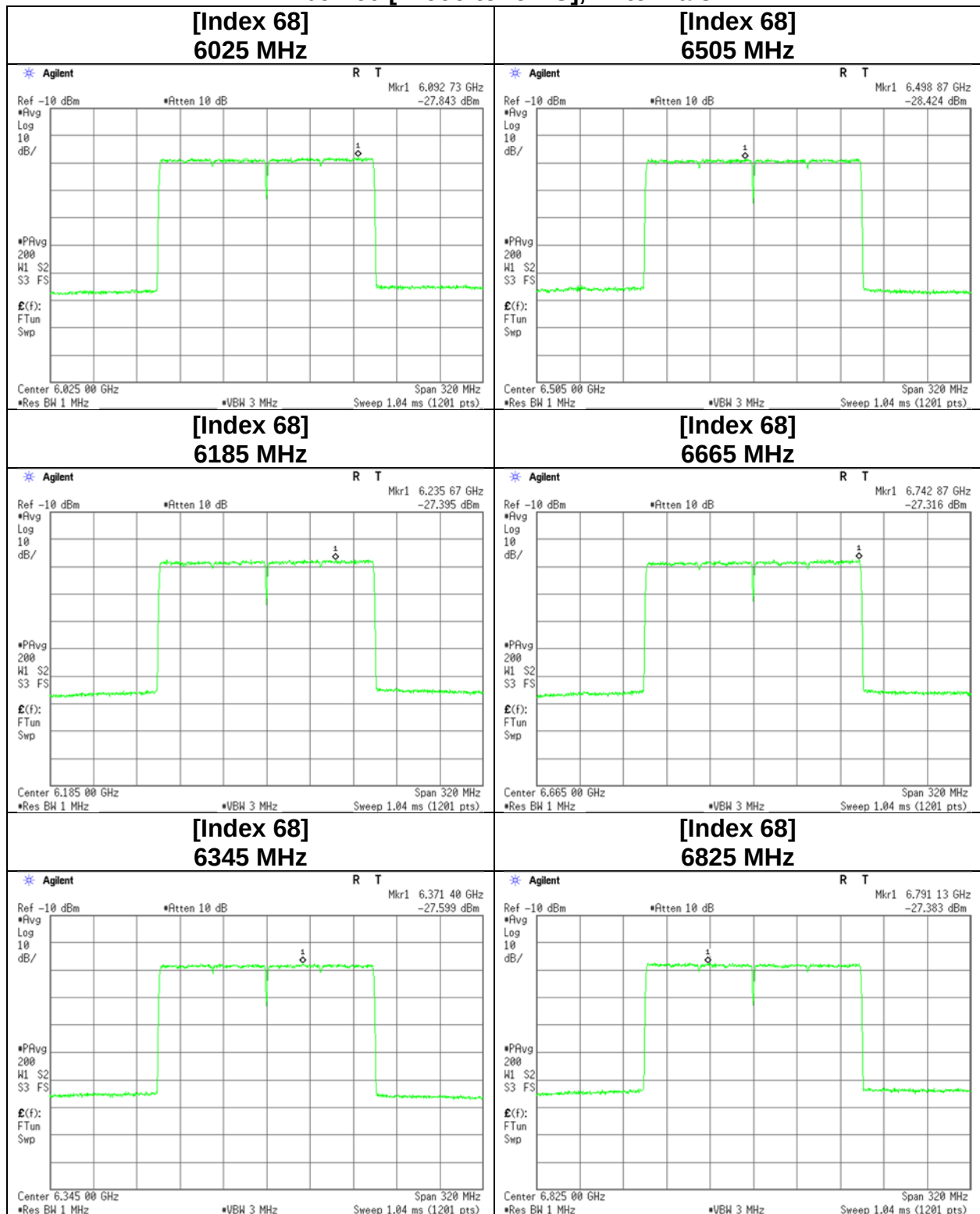
Maximum Power Spectral Density

11be-160 [2x996-tone RU], Antenna 1



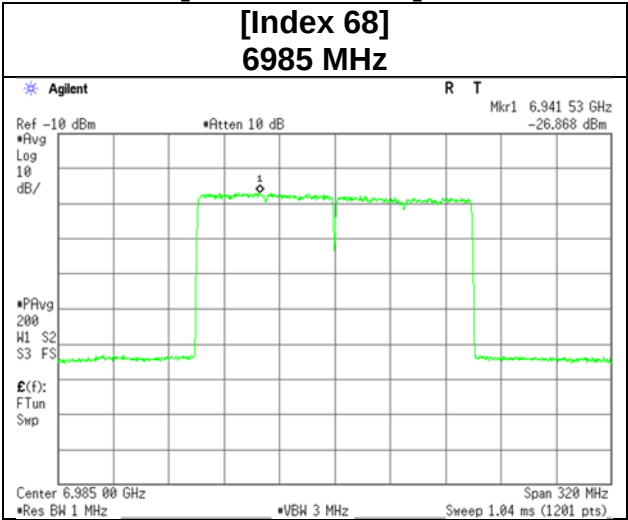
Maximum Power Spectral Density

11be-160 [2x996-tone RU], Antenna 3



Maximum Power Spectral Density

11be-160 [2x996-tone RU], Antenna 3



Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-20 [OFDM] 5955 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	41.2	31.2	32.4	5.6	34.0	-	45.2	35.2	88.2	68.2	43.0	33.0	Floor noise
Hori.	11910.0	44.9	34.8	39.0	-3.6	33.8	-	46.5	36.4	73.9	53.9	27.4	17.5	Floor noise
Hori.	17865.0	44.0	35.4	46.9	-2.1	32.7	-	56.1	47.5	73.9	53.9	17.8	6.4	Floor noise
Vert.	5925.0	41.4	33.4	32.4	5.6	34.0	-	45.5	37.5	88.2	68.2	42.7	30.7	
Vert.	11910.0	44.9	34.5	39.0	-3.6	33.8	-	46.6	36.1	73.9	53.9	27.3	17.8	Floor noise
Vert.	17865.0	43.9	34.9	46.9	-2.1	32.7	-	56.0	47.0	73.9	53.9	17.9	6.9	Floor noise

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

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

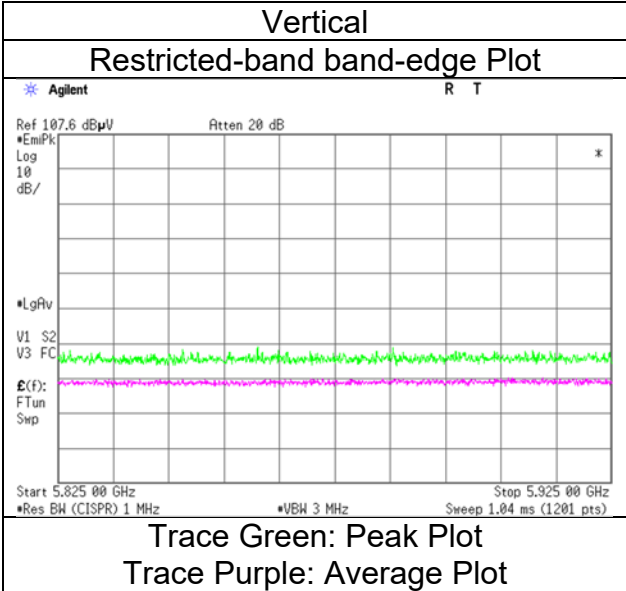
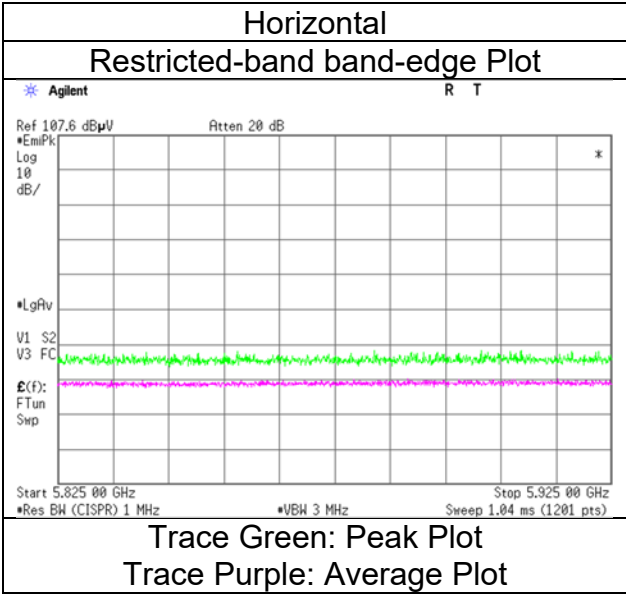
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-20 [OFDM] 5955 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 January 31, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 24 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Takeshi Hiyaji 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-20 [OFDM] 6175 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	12350.0	42.6	34.8	39.0	-3.5	33.6	-	44.6	36.7	73.9	53.9	29.3	17.2	Floor noise
Hori.	18525.0	42.9	35.1	40.1	-1.9	32.6	-	48.5	40.8	73.9	53.9	25.4	13.2	Floor noise
Vert.	12350.0	43.2	34.2	39.0	-3.5	33.6	-	45.1	36.2	73.9	53.9	28.8	17.8	Floor noise
Vert.	18525.0	42.9	35.0	40.1	-1.9	32.6	-	48.5	40.6	73.9	53.9	25.4	13.3	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 - 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 January 31, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 24 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Takeshi Hiyaji 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-20 [OFDM] 6415 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	12830.0	42.8	34.7	40.0	-3.4	33.2	-	46.3	38.1	88.2	68.2	41.9	30.1	Floor noise
Hori.	19245.0	43.2	35.1	40.5	-1.8	32.6	-	49.3	41.2	73.9	53.9	24.6	12.7	Floor noise
Vert.	12830.0	42.8	34.7	40.0	-3.4	33.2	-	46.2	38.2	88.2	68.2	42.0	30.1	Floor noise
Vert.	19245.0	43.0	35.2	40.5	-1.8	32.6	-	49.1	41.3	73.9	53.9	24.8	12.6	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	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)	Daiki Matsui (10 GHz to 18 GHz)	Ken Fujita (18 GHz to 26.5 GHz)	Ken Fujita (26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6435 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.	12870.0	43.2	34.5	40.0	-3.3	33.2	-	46.7	37.9	88.2	68.2	41.5	30.3	Floor noise
Hori.	19305.0	43.2	35.4	40.5	-1.8	32.7	-	49.3	41.5	73.9	53.9	23.6	12.4	Floor noise
Vert.	12870.0	43.3	34.7	40.0	-3.3	33.2	-	46.8	38.2	88.2	68.2	41.4	30.1	Floor noise
Vert.	19305.0	43.1	35.0	40.5	-1.8	32.7	-	49.2	41.1	73.9	53.9	24.7	12.9	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	$20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$
	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 January 31, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 24 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Takeshi Hiyaji 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-20 [OFDM] 6475 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	12950.0	42.9	34.1	40.0	-3.3	33.1	-	46.4	37.7	88.2	68.2	41.8	30.5	Floor noise
Hori.	19425.0	44.4	35.5	40.5	-1.8	32.8	-	50.4	41.5	73.9	53.9	23.5	12.4	Floor noise
Vert.	12950.0	42.6	34.5	40.0	-3.3	33.1	-	46.2	38.0	88.2	68.2	42.0	30.2	Floor noise
Vert.	19425.0	44.7	34.5	40.5	-1.8	32.8	-	50.8	40.6	73.9	53.9	23.1	13.3	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 - 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	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)	Daiki Matsui (10 GHz to 18 GHz)	Ken Fujita (18 GHz to 26.5 GHz)	Ken Fujita (26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6515 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.	13030.0	42.9	34.2	40.0	-3.3	33.1	-	46.6	37.9	88.2	68.2	41.7	30.3	Floor noise
Hori.	19545.0	42.8	35.7	40.5	-1.7	32.8	-	46.7	41.6	73.9	53.9	25.2	12.3	Floor noise
Vert.	13030.0	43.7	34.3	40.0	-3.3	33.1	-	47.3	37.9	88.2	68.2	40.9	30.3	Floor noise
Vert.	19545.0	43.6	34.6	40.5	-1.7	32.8	-	49.6	40.6	73.9	53.9	24.3	13.3	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	$20\log(3.7\text{ m} / 3.0\text{ m}) = 1.83\text{ dB}$
	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 January 31, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 24 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Takeshi Hiyaji 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-20 [OFDM] 6535 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	13070.0	42.2	33.9	40.1	-3.3	33.0	-	45.9	37.6	88.2	68.2	42.3	30.6	Floor noise
Hori.	19605.0	43.7	37.0	40.5	-1.7	32.9	-	49.6	42.9	73.9	53.9	24.3	11.0	Floor noise
Vert.	13070.0	42.5	34.1	40.1	-3.3	33.0	-	46.2	37.8	88.2	68.2	42.0	30.4	Floor noise
Vert.	19605.0	43.8	35.8	40.5	-1.7	32.9	-	49.7	41.7	73.9	53.9	24.2	12.2	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 January 31, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 24 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Takeshi Hiyaji 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-20 [OFDM] 6695 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.	13390.0	43.1	34.8	41.1	-3.2	32.8	-	48.1	39.9	73.9	53.9	25.8	14.1	Floor noise
Hori.	20085.0	43.6	37.5	40.3	-1.7	33.1	-	49.1	43.0	73.9	53.9	24.8	10.9	Floor noise
Vert.	13390.0	43.4	34.8	41.1	-3.2	32.8	-	48.4	39.9	73.9	53.9	25.5	14.0	Floor noise
Vert.	20085.0	44.4	35.6	40.3	-1.7	33.1	-	49.9	41.1	73.9	53.9	24.0	12.8	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	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)	Daiki Matsui (10 GHz to 18 GHz)	Ken Fujita (18 GHz to 26.5 GHz)	Ken Fujita (26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6855 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.	13710.0	43.0	34.9	41.5	-3.2	32.5	-	48.9	40.7	88.2	68.2	39.3	27.5	Floor noise
Hori.	20565.0	44.1	36.8	40.3	-1.6	33.3	-	49.5	42.2	73.9	53.9	24.4	11.8	Floor noise
Vert.	13710.0	43.5	35.2	41.5	-3.2	32.5	-	49.4	41.1	88.2	68.2	38.8	27.1	Floor noise
Vert.	20565.0	45.3	36.1	40.3	-1.6	33.3	-	50.7	41.5	73.9	53.9	23.2	12.4	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	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	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	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)	Daiki Matsui (10 GHz to 18 GHz)	Ken Fujita (18 GHz to 26.5 GHz)	Ken Fujita (26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6875 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.	13750.0	43.2	34.3	41.4	-3.2	32.4	-	49.0	40.1	88.2	68.2	39.2	28.1	Floor noise
Hori.	20625.0	43.8	37.5	40.3	-1.6	33.3	-	49.2	42.9	73.9	53.9	24.7	11.0	Floor noise
Vert.	13750.0	42.9	35.4	41.4	-3.2	32.4	-	48.7	41.2	88.2	68.2	39.5	27.0	Floor noise
Vert.	20625.0	45.3	37.1	40.3	-1.6	33.3	-	50.7	42.5	73.9	53.9	23.2	11.4	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	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	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 January 31, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 24 deg. C / 42 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Takeshi Hiyaji 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-20 [OFDM] 6895 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	13790.0	44.4	35.3	41.6	-3.1	32.4	-	50.4	41.3	88.2	68.2	37.8	26.9	Floor noise
Hori.	20685.0	43.8	37.5	40.3	-1.6	33.3	-	49.2	42.9	73.9	53.9	24.8	11.0	Floor noise
Vert.	13790.0	44.2	35.1	41.6	-3.1	32.4	-	50.3	41.2	88.2	68.2	37.9	27.0	Floor noise
Vert.	20685.0	45.3	37.1	40.3	-1.6	33.3	-	50.7	42.5	73.9	53.9	23.3	11.4	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.

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	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	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-20 [OFDM] 6995 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.	13990.0	44.4	35.3	41.6	-3.1	32.2	-	50.7	41.6	88.2	68.2	37.5	26.6	Floor noise
Hori.	20985.0	45.6	36.6	40.3	-1.5	33.4	-	50.9	41.9	73.9	53.9	23.1	12.1	Floor noise
Vert.	13990.0	44.8	35.4	41.6	-3.1	32.2	-	51.1	41.7	88.2	68.2	37.1	26.5	Floor noise
Vert.	20985.0	44.4	36.9	40.3	-1.5	33.4	-	49.7	42.2	73.9	53.9	24.2	11.7	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	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	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	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	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-20 [OFDM] 7095 MHz			

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor	[dB]	[dB]	Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]			[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	7125.0	43.6	34.7	35.5	6.0	34.0	-	51.1	42.2	88.2	68.2	37.1	26.0	Floor noise
Hori.	14190.0	45.1	35.7	41.2	-3.1	32.4	-	50.8	41.4	88.2	68.2	37.4	26.9	Floor noise
Hori.	21285.0	44.9	36.7	40.2	-1.4	33.2	-	50.5	42.3	73.9	53.9	23.4	11.7	Floor noise
Vert.	7125.0	43.0	34.7	35.5	6.0	34.0	-	50.6	42.2	88.2	68.2	37.7	26.0	Floor noise
Vert.	14190.0	44.7	35.6	41.2	-3.1	32.4	-	50.4	41.3	88.2	68.2	37.8	26.9	Floor noise
Vert.	21285.0	44.2	36.9	40.2	-1.4	33.2	-	49.8	42.5	73.9	53.9	24.1	11.4	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).

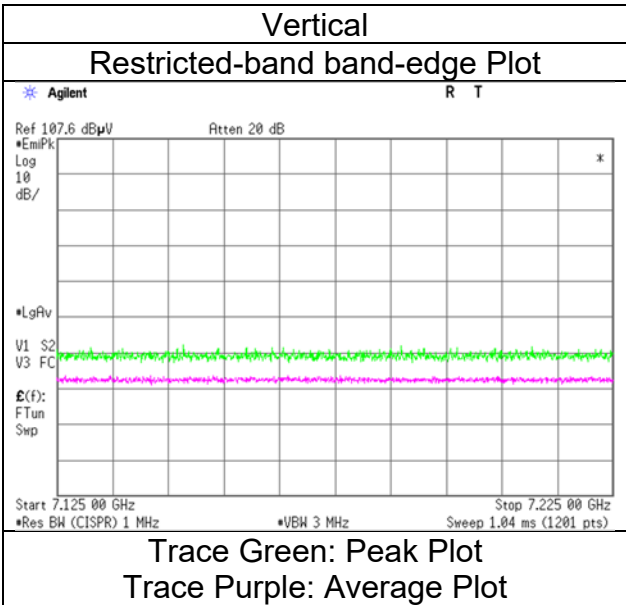
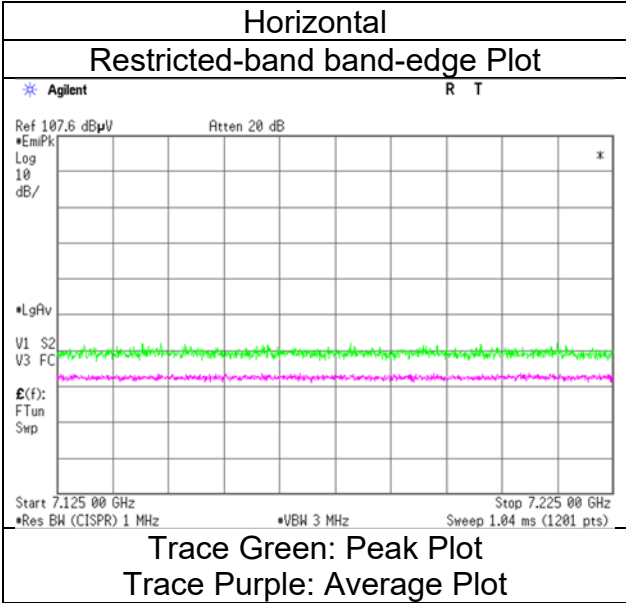
*QP detector was used up to 1GHz.

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
January 31, 2024
24 deg. C / 42 % RH
Takeshi Hiyaji
Tx 11be-20 [OFDM] 7095 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 January 31, 2024
Temperature / Humidity 24 deg. C / 42 % RH
Engineer Ken Fujita
Mode (1 GHz to 10 GHz)
Tx 11be-20 [26-tone RU/Index 0] 5955 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	41.6	33.3	32.4	5.6	34.0	0.2	45.6	37.6	88.2	68.2	42.6	30.6	*1)
Vert.	5925.0	42.2	31.6	32.4	5.6	34.0	-	46.2	35.6	88.2	68.2	42.0	32.6	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.

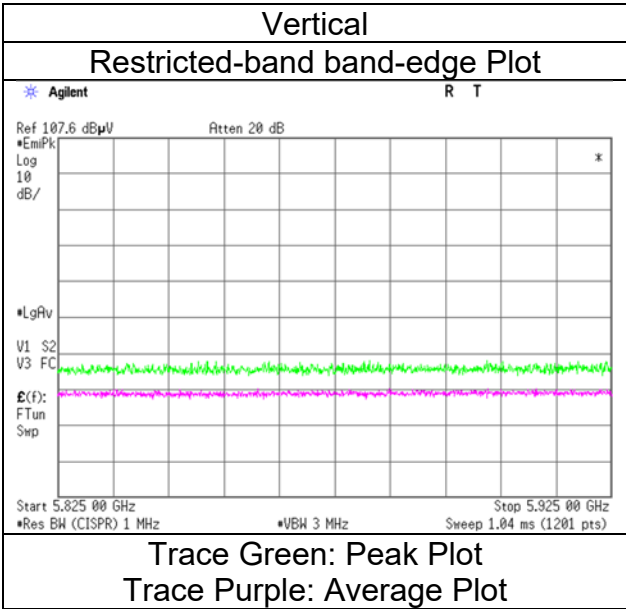
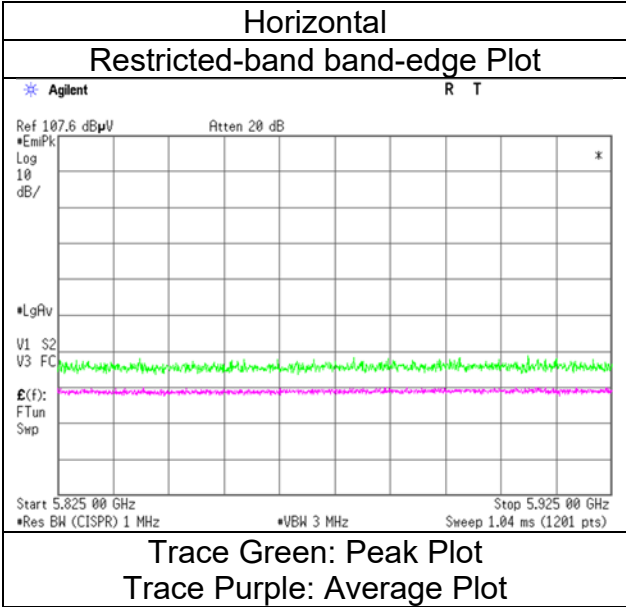
*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 6 GHz 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
January 31, 2024
24 deg. C / 42 % RH
Ken Fujita
Tx 11be-20 [26-tone RU/Index 0] 5955 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 January 31, 2024
Temperature / Humidity 24 deg. C / 42 % RH
Engineer Ken Fujita
 (1 GHz to 10 GHz)
Mode Tx 11be-20 [52-tone RU/Index 37] 5955 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	41.2	31.3	32.4	5.6	34.0	-	45.3	35.3	88.2	68.2	42.9	32.9	Floor noise
Vert.	5925.0	41.7	33.4	32.4	5.6	34.0	0.3	45.7	37.7	88.2	68.2	42.5	30.5	*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).

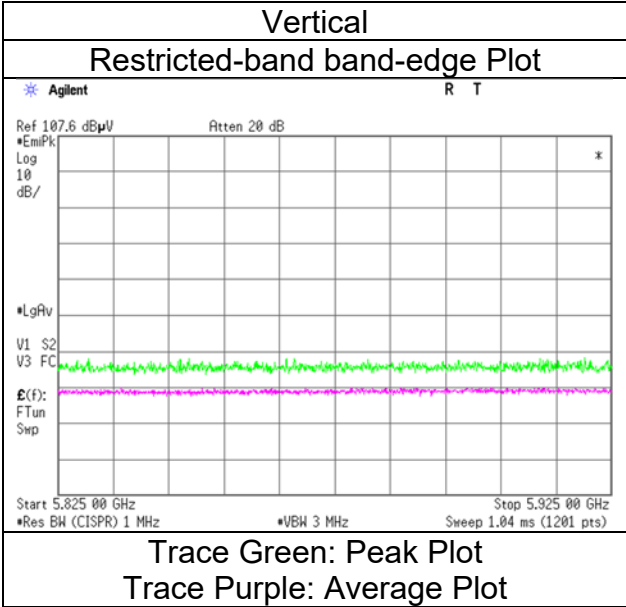
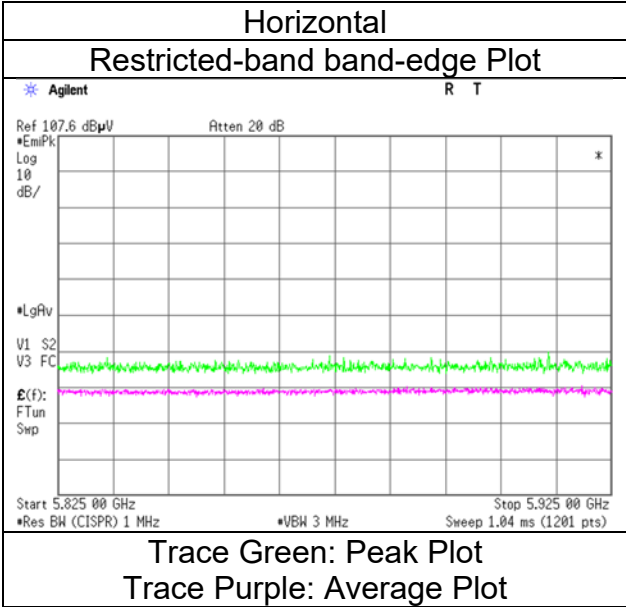
*QP detector was used up to 1GHz.

*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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
Mode	Tx 11be-20 [52-tone RU/Index 37] 5955 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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-20 [106-tone RU/Index 53] 5955 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	41.8	31.2	32.4	5.6	34.0	-	45.8	35.3	88.2	68.2	42.4	32.9	Floor noise
Vert.	5925.0	41.8	33.3	32.4	5.6	34.0	0.3	45.8	37.7	88.2	68.2	42.4	30.5	*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).

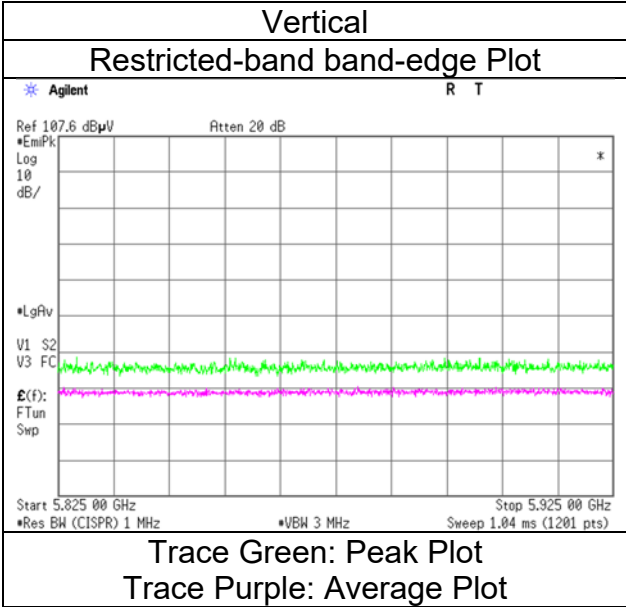
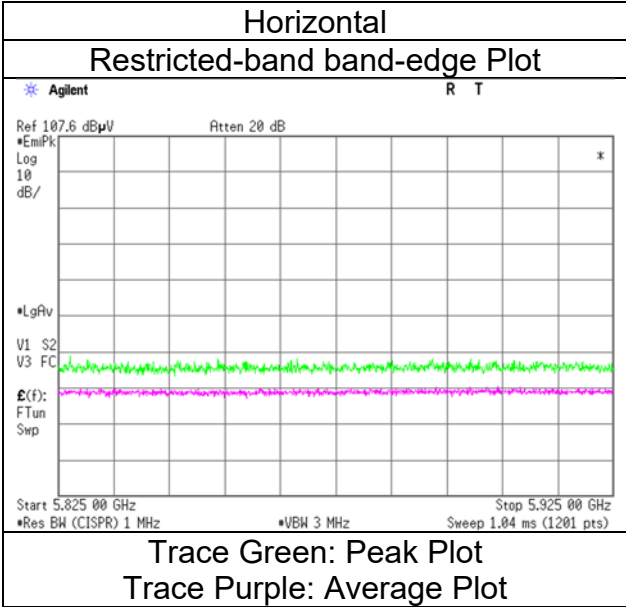
*QP detector was used up to 1GHz.

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

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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
Mode	Tx 11be-20 [106-tone RU/Index 53] 5955 MHz

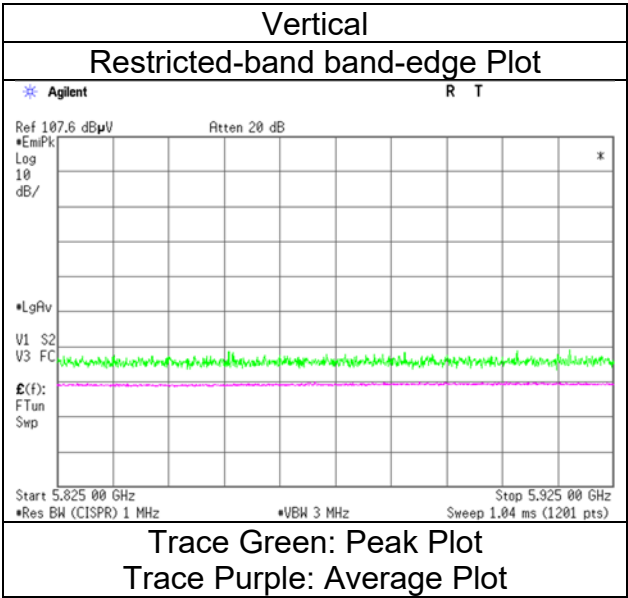
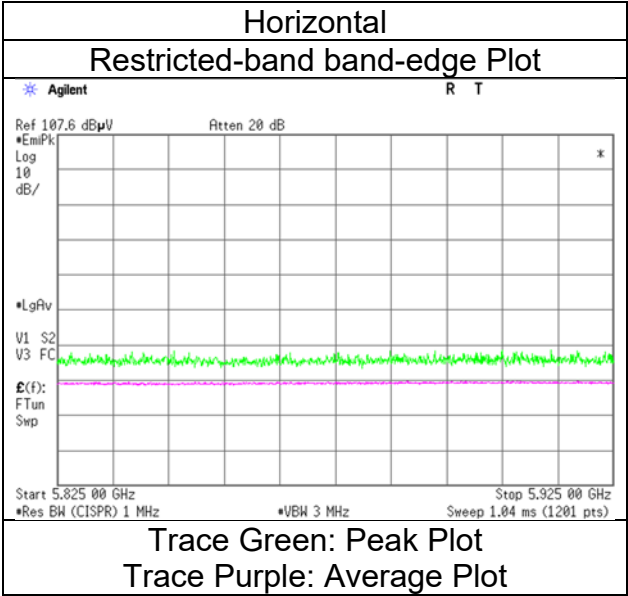


* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
January 31, 2024
24 deg. C / 42 % RH
Ken Fujita
Tx 11be-20 [242-tone RU/Index 61] 5955 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
January 31, 2024
24 deg. C / 42 % RH
Takeshi Hiyaji
(1 GHz to 10 GHz)
Tx 11be-20 [26-tone RU/Index 8] 7095 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	34.7	35.5	6.0	34.0	-	51.1	42.2	88.2	68.2	37.1	26.0	Floor noise
Vert.	7125.0	42.6	34.7	35.5	6.0	34.0	-	50.2	42.2	88.2	68.2	38.1	26.0	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:

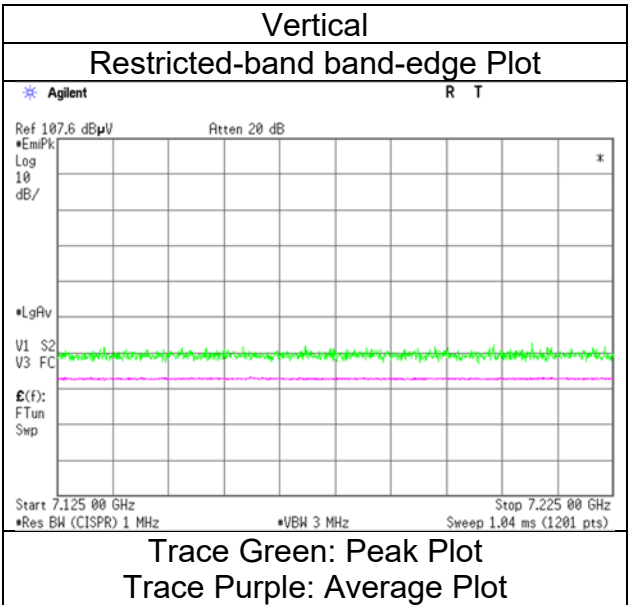
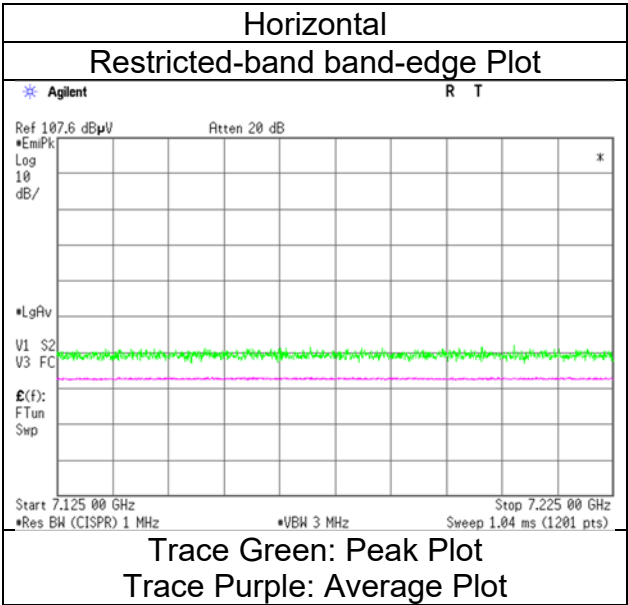
1 GHz - 6 GHz
6 GHz - 10 GHz

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
January 31, 2024
24 deg. C / 42 % RH
Takeshi Hiyaji
Tx 11be-20 [26-tone RU/Index 8] 7095 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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-20 [52-tone RU/Index 40] 7095 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	43.0	34.5	35.5	6.0	34.0	-	50.6	42.1	88.2	68.2	37.6	26.2	Floor noise
Vert.	7125.0	42.3	34.5	35.5	6.0	34.0	-	49.9	42.1	88.2	68.2	38.3	26.1	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).

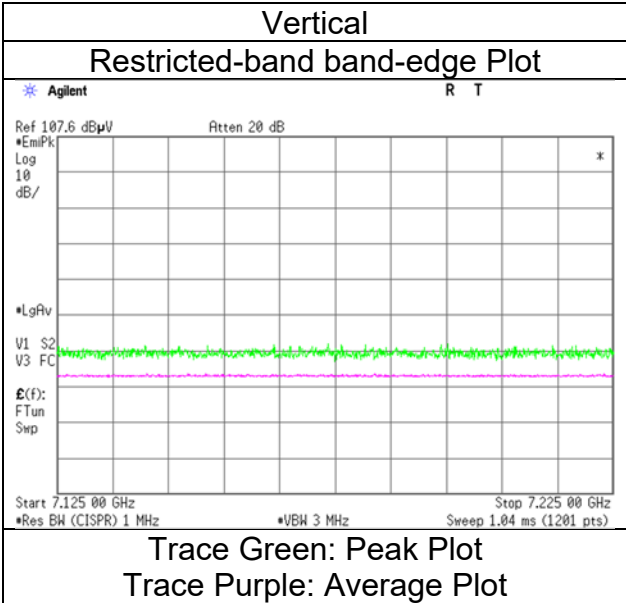
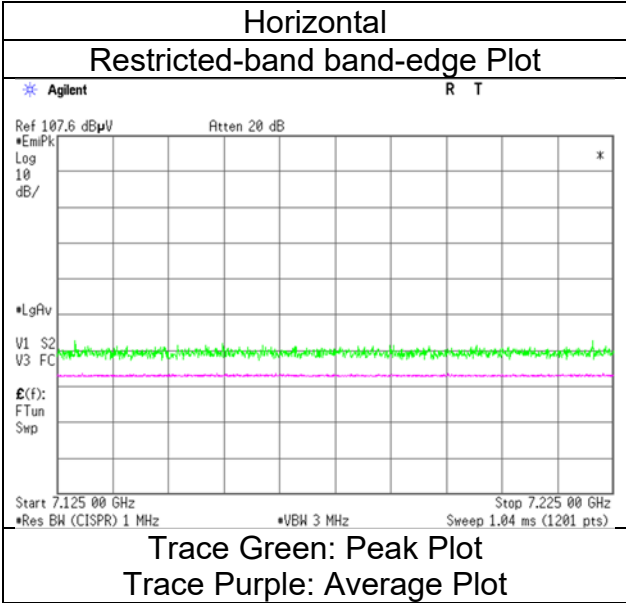
*QP detector was used up to 1 GHz.

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
January 31, 2024
24 deg. C / 42 % RH
Takeshi Hiyaji
Tx 11be-20 [52-tone RU/Index 40] 7095 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
January 31, 2024
24 deg. C / 42 % RH
Takeshi Hiyaji
(1 GHz to 10 GHz)
Tx 11be-20 [106-tone RU/Index 54] 7095 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	43.1	34.6	35.5	6.0	34.0	-	50.6	42.2	88.2	68.2	37.6	26.1	Floor noise
Vert.	7125.0	43.3	34.4	35.5	6.0	34.0	-	50.9	42.0	88.2	68.2	37.3	26.2	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.

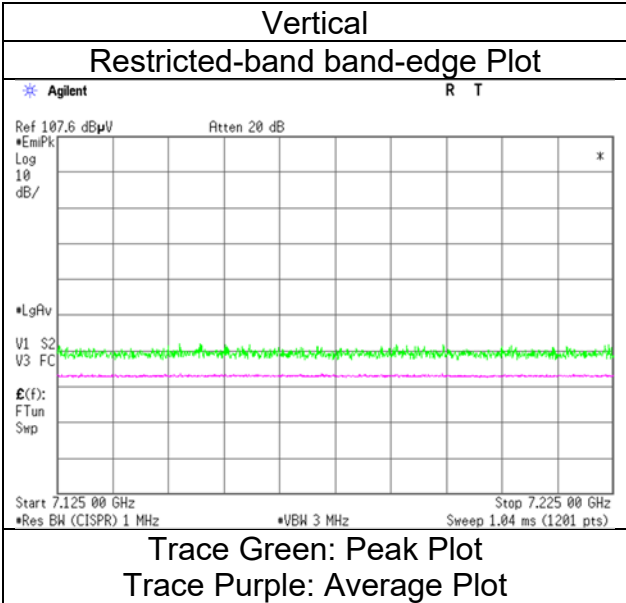
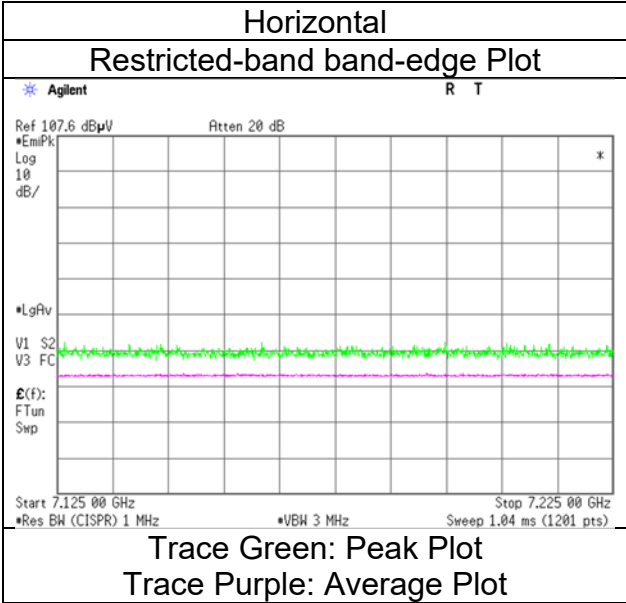
Distance factor:

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	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-20 [106-tone RU/Index 54] 7095 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 January 31, 2024
Temperature / Humidity 24 deg. C / 42 % RH
Engineer Takeshi Hiyaji
Mode (1 GHz to 10 GHz)
Tx 11be-20 [242-tone RU/Index 61] 7095 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	43.4	34.6	35.5	6.0	34.0	-	51.0	42.2	88.2	68.2	37.2	26.1	Floor noise
Vert.	7125.0	42.5	34.5	35.5	6.0	34.0	-	50.0	42.1	88.2	68.2	38.2	26.1	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).

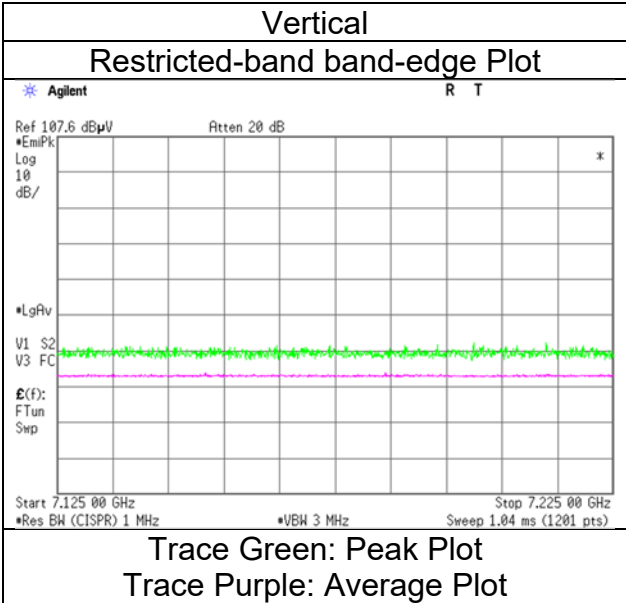
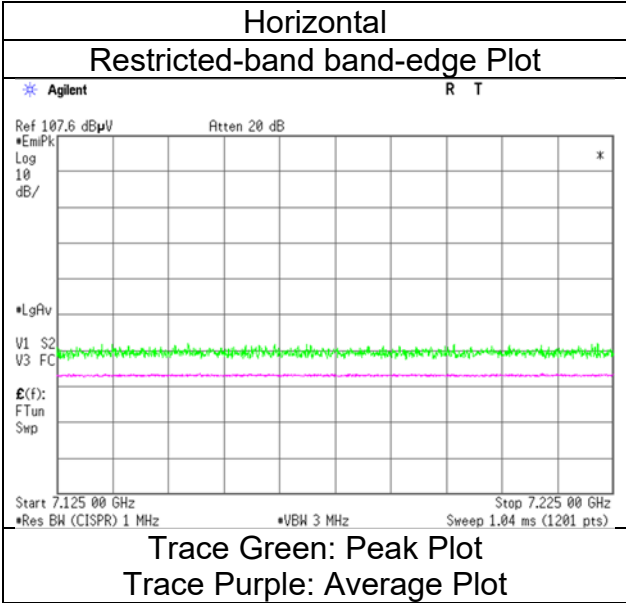
*QP detector was used up to 1GHz

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
January 31, 2024
24 deg. C / 42 % RH
Takeshi Hiyaji
Tx 11be-20 [242-tone RU/Index 61] 7095 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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-40 [OFDM] 5965 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	42.4	31.5	32.4	5.6	34.0	-	46.4	35.6	88.2	68.2	41.8	32.6	Floor noise
Hori.	11930.0	42.6	34.8	39.1	-3.6	33.8	-	44.3	36.5	73.9	53.9	29.6	17.4	Floor noise
Hori.	17895.0	42.5	34.9	47.3	-2.1	32.7	-	55.0	47.4	73.9	53.9	18.9	6.5	Floor noise
Vert.	5925.0	42.3	31.5	32.4	5.6	34.0	-	46.3	35.5	88.2	68.2	41.9	32.7	Floor noise
Vert.	11930.0	43.3	34.9	39.1	-3.6	33.8	-	45.0	36.6	73.9	53.9	28.9	17.3	Floor noise
Vert.	17895.0	42.6	34.6	47.3	-2.1	32.7	-	55.1	47.1	73.9	53.9	18.8	6.8	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).

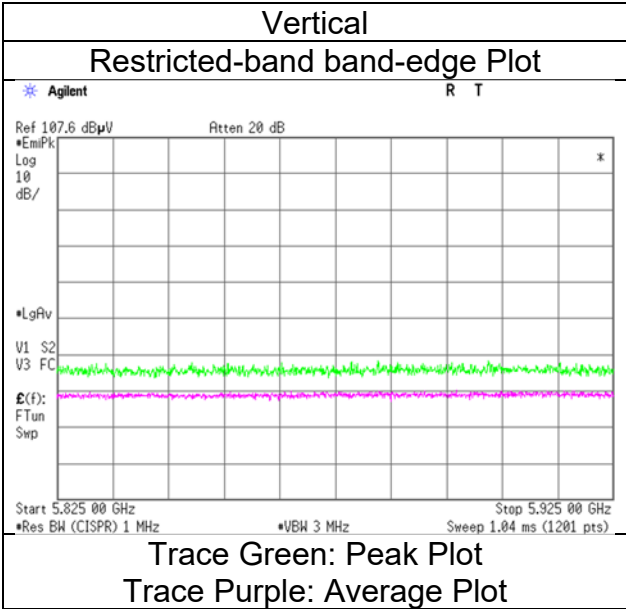
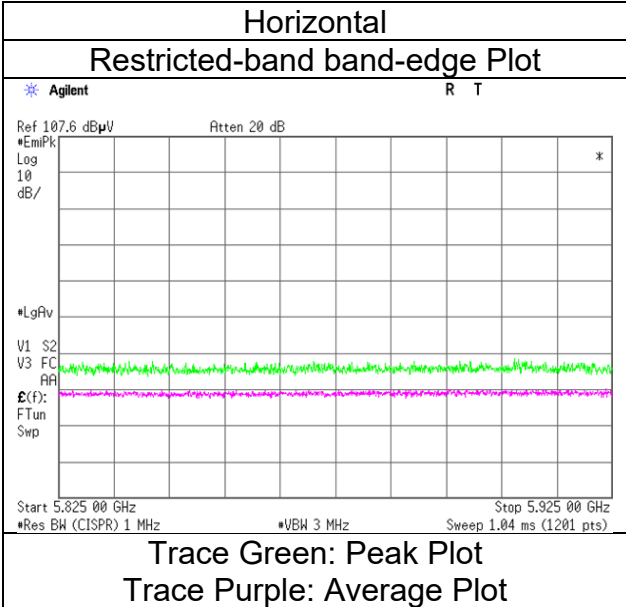
*QP detector was used up to 1GHz.

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
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 1, 2024
23 deg. C / 45 % RH
Ken Fujita
Tx 11be-40 [OFDM] 5965 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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-40 [OFDM] 6165 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.	12330.0	43.2	33.8	39.0	-3.5	33.6	-	45.1	35.7	73.9	53.9	28.8	18.2	Floor noise
Hori.	18495.0	42.5	35.1	40.1	-1.9	32.6	-	48.1	40.7	73.9	53.9	25.8	13.2	Floor noise
Vert.	12330.0	42.7	33.5	39.0	-3.5	33.6	-	44.6	35.5	73.9	53.9	29.3	18.4	Floor noise
Vert.	18495.0	42.5	34.5	40.1	-1.9	32.6	-	48.1	40.1	73.9	53.9	25.8	13.8	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 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 1, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 45 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-40 [OFDM] 6405 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	12810.0	43.2	34.8	40.0	-3.4	33.2	-	46.6	38.2	88.2	68.2	41.6	30.1	Floor noise
Hori.	19215.0	42.2	34.9	40.5	-1.8	32.6	-	48.3	41.0	73.9	53.9	25.6	12.9	Floor noise
Vert.	12810.0	43.4	34.9	40.0	-3.4	33.2	-	46.8	38.3	88.2	68.2	41.5	29.9	Floor noise
Vert.	19215.0	43.7	35.7	40.5	-1.8	32.6	-	49.7	41.8	73.9	53.9	24.2	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	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-40 [OFDM] 6445 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.	12890.0	43.2	34.8	40.0	-3.3	33.2	-	46.7	38.3	88.2	68.2	4.15	30.0	Floor noise
Hori.	19335.0	43.1	35.8	40.5	-1.8	32.7	-	49.2	41.8	73.9	53.9	24.7	12.1	Floor noise
Vert.	12890.0	42.8	34.5	40.0	-3.3	33.2	-	46.3	38.0	88.2	68.2	4.20	30.2	Floor noise
Vert.	19335.0	43.6	36.0	40.5	-1.8	32.7	-	49.6	42.1	73.9	53.9	24.3	11.8	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 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 1, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 45 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-40 [OFDM] 6485 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor	[dB]	[dB]	Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]			[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	12970.0	43.3	33.9	40.0	-3.3	33.1	-	46.8	37.4	88.2	68.2	41.4	30.8	Floor noise
Hori.	19455.0	43.0	35.3	40.5	-1.7	32.8	-	49.1	41.3	73.9	53.9	24.9	12.6	Floor noise
Vert.	12970.0	43.3	34.5	40.0	-3.3	33.1	-	46.9	38.0	88.2	68.2	41.4	30.2	Floor noise
Vert.	19455.0	42.5	34.6	40.5	-1.7	32.8	-	48.5	40.6	73.9	53.9	25.4	13.3	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 - 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 1, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 45 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-40 [OFDM] 6525 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor	[dB]	[dB]	Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]			[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	13050.0	44.4	34.5	40.0	-3.3	33.1	-	48.1	38.2	88.2	68.2	40.1	30.0	Floor noise
Hori.	19575.0	43.1	35.1	40.5	-1.7	32.8	-	49.0	41.0	73.9	53.9	24.9	12.9	Floor noise
Vert.	13050.0	43.5	34.1	40.0	-3.3	33.1	-	47.2	37.8	88.2	68.2	41.0	30.5	Floor noise
Vert.	19575.0	44.2	35.1	40.5	-1.7	32.8	-	50.1	41.0	73.9	53.9	23.8	12.9	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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-40 [OFDM] 6565 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.	13130.0	44.4	34.5	40.1	-3.3	33.0	-	48.3	38.4	88.2	68.2	39.9	29.8	Floor noise
Hori.	19695.0	42.9	35.7	40.4	-1.7	32.9	-	48.7	41.5	73.9	53.9	25.3	12.4	Floor noise
Vert.	13130.0	43.5	33.9	40.1	-3.3	33.0	-	47.4	37.8	88.2	68.2	40.8	30.4	Floor noise
Vert.	19695.0	43.0	35.1	40.4	-1.7	32.9	-	48.8	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)

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

*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 1, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 45 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-40 [OFDM] 6685 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	13370.0	43.2	34.0	41.0	-3.2	32.8	-	48.1	38.9	73.9	53.9	25.8	15.0	Floor noise
Hori.	20055.0	43.5	35.6	40.3	-1.7	33.1	-	49.1	41.2	73.9	53.9	24.9	12.8	Floor noise
Vert.	13370.0	43.2	34.3	41.0	-3.2	32.8	-	48.1	39.3	73.9	53.9	25.8	14.6	Floor noise
Vert.	20055.0	44.8	36.4	40.3	-1.7	33.1	-	50.3	41.9	73.9	53.9	23.6	12.0	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 1, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 45 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-40 [OFDM] 6845 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor			Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
		[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	13690.0	43.4	34.1	41.5	-3.2	32.5	-	49.2	39.9	88.2	68.2	39.0	28.3	Floor noise
Hori.	20535.0	43.9	36.6	40.3	-1.6	33.3	-	49.3	42.0	73.9	53.9	24.6	11.9	Floor noise
Vert.	13690.0	43.7	34.3	41.5	-3.2	32.5	-	49.5	40.2	88.2	68.2	38.7	28.1	Floor noise
Vert.	20535.0	45.0	35.7	40.3	-1.6	33.3	-	50.4	41.1	73.9	53.9	23.6	12.8	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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-40 [OFDM] 6885 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.	13770.0	43.7	35.6	41.5	-3.2	32.4	-	49.6	41.5	88.2	68.2	38.6	26.7	Floor noise
Hori.	20655.0	44.9	36.8	40.3	-1.6	33.3	-	50.3	42.2	73.9	53.9	23.6	11.7	Floor noise
Vert.	13770.0	43.9	35.5	41.5	-3.2	32.4	-	49.8	41.4	88.2	68.2	38.4	26.8	Floor noise
Vert.	20655.0	45.6	36.3	40.3	-1.6	33.3	-	50.9	41.7	73.9	53.9	23.0	12.2	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 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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-40 [OFDM] 6925 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.	13850.0	43.6	36.0	41.5	-3.1	32.3	-	49.6	42.0	88.2	68.2	38.6	26.3	Floor noise
Hori.	20775.0	44.4	36.4	40.3	-1.6	33.4	-	49.8	41.7	73.9	53.9	24.1	12.2	Floor noise
Vert.	13850.0	44.1	36.1	41.5	-3.1	32.3	-	50.1	42.1	88.2	68.2	38.1	26.1	Floor noise
Vert.	20775.0	44.5	36.9	40.3	-1.6	33.4	-	49.8	42.2	73.9	53.9	24.1	11.7	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	$20\log(3.7 \text{ m} / 3.0 \text{ m}) = 1.83 \text{ dB}$
	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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-40 [OFDM] 7005 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.	14010.0	44.9	36.6	41.6	-3.1	32.2	-	51.2	42.9	88.2	68.2	37.0	25.3	Floor noise
Hori.	20115.0	45.3	36.9	40.2	-1.5	33.4	-	50.5	42.2	73.9	53.9	23.4	11.7	Floor noise
Vert.	14010.0	44.8	36.7	41.6	-3.1	32.2	-	51.1	43.0	88.2	68.2	37.1	25.2	Floor noise
Vert.	20115.0	44.8	36.2	40.2	-1.5	33.4	-	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)

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

*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 1, 2024 February 6, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 45 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-40 [OFDM] 7085 MHz

Polarity	Frequency	Reading	Reading	Ant.	Loss	Gain	Duty	Result	Result	Limit	Limit	Margin	Margin	Remark
[Hori/Vert]	[MHz]	(QP / PK)	(AV)	Factor	[dB]	[dB]	Factor	(QP / PK)	(AV)	(QP / PK)	(AV)	(QP / PK)	(AV)	
Hori.	7125.0	43.0	32.6	35.5	6.0	34.0	-	50.5	40.2	88.2	68.2	37.7	28.1	Floor noise
Hori.	14170.0	44.9	35.6	41.2	-3.1	32.4	-	50.7	41.3	88.2	68.2	37.5	26.9	Floor noise
Hori.	21255.0	45.3	36.7	40.2	-1.4	33.3	-	50.8	42.2	73.9	53.9	23.1	11.7	Floor noise
Vert.	7125.0	42.8	32.7	35.5	6.0	34.0	-	50.4	40.2	88.2	68.2	37.9	28.0	Floor noise
Vert.	14170.0	44.3	35.9	41.2	-3.1	32.4	-	50.1	41.7	88.2	68.2	38.1	26.5	Floor noise
Vert.	21255.0	45.4	37.4	40.2	-1.4	33.3	-	50.9	42.9	73.9	53.9	23.0	11.0	Floor noise

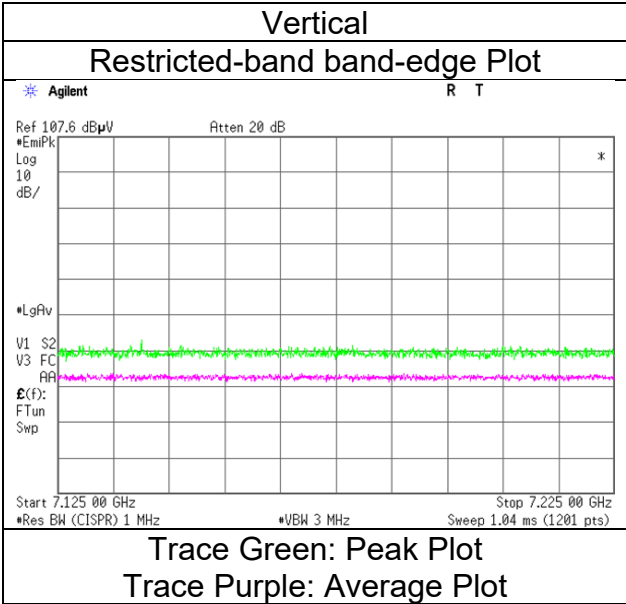
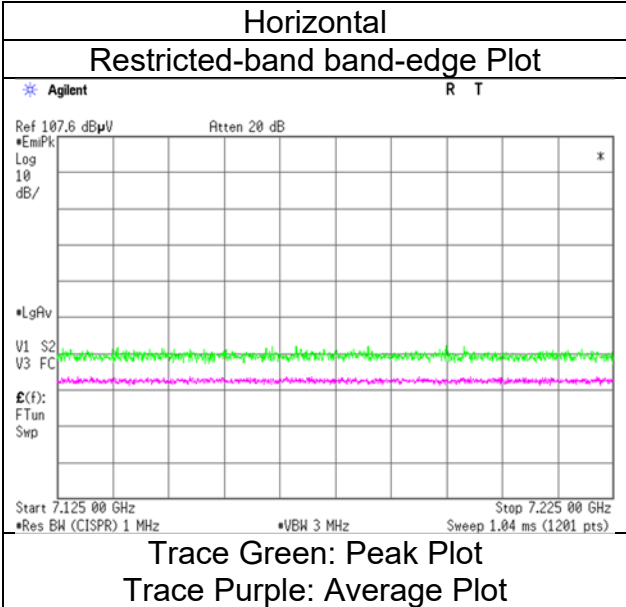
Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)
Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor
*Other frequency noises omitted in this report were not 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
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 1, 2024
23 deg. C / 45 % RH
Ken Fujita
Tx 11be-40 [OFDM] 7085 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 1, 2024
Temperature / Humidity 23 deg. C / 45 % RH
Engineer Ken Fujita
 (1 GHz to 10 GHz)
Mode Tx 11be-40 [26-tone RU/Index 0] 5965 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	31.3	32.4	5.6	34.0	-	46.6	35.3	88.2	68.2	41.6	32.9	Floor noise
Vert.	5925.0	42.4	31.3	32.4	5.6	34.0	-	46.5	35.3	88.2	68.2	41.7	32.9	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).

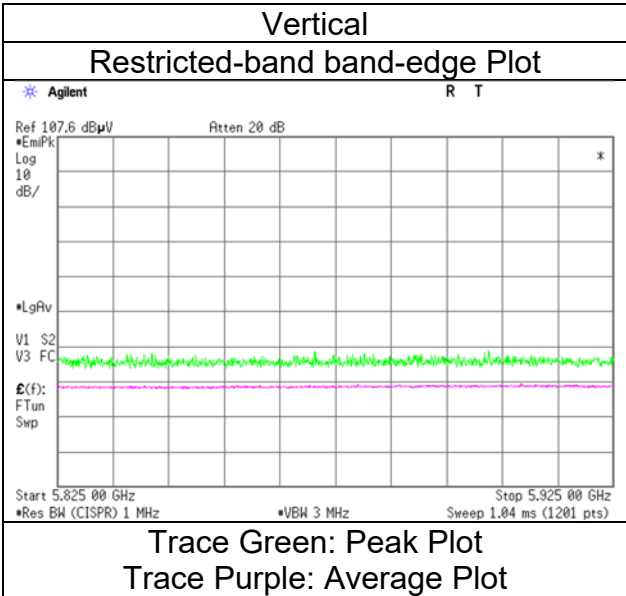
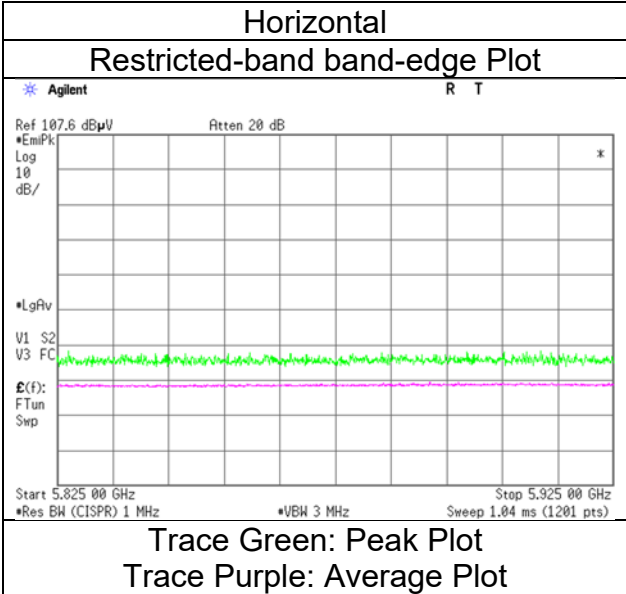
*QP detector was used up to 1GHz.

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

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 1, 2024
23 deg. C / 45 % RH
Ken Fujita
Tx 11be-40 [26-tone RU/Index 0] 5965 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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-40 [52-tone RU/Index 37] 5965 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	41.8	33.5	32.4	5.6	34.0	-	45.9	37.6	88.2	68.2	42.4	30.7	Floor noise
Vert.	5925.0	42.2	33.5	32.4	5.6	34.0	-	46.2	37.5	88.2	68.2	42.0	30.7	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).

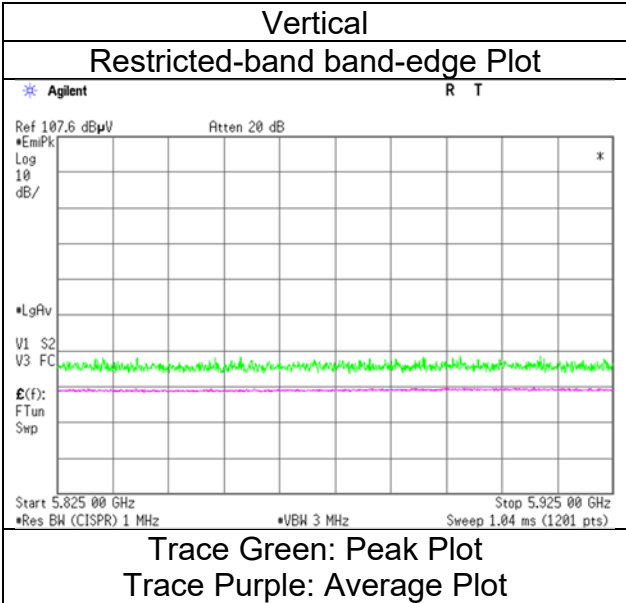
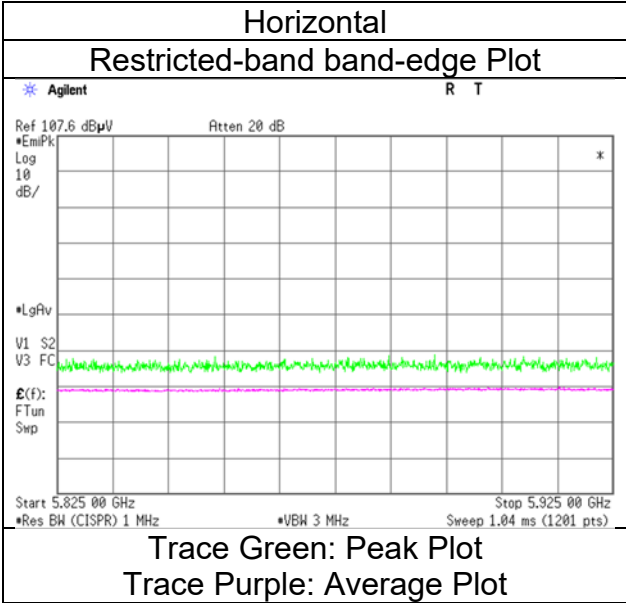
*QP detector was used up to 1 GHz.

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 1, 2024
23 deg. C / 45 % RH
Takeshi Hiyaji
Tx 11be-40 [52-tone RU/Index 37] 5965 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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [106-tone RU/Index 53] 5965 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	41.5	33.6	32.4	5.6	34.0	-	45.5	37.7	88.2	68.2	42.7	30.5	Floor noise
Vert.	5925.0	41.8	33.9	32.4	5.6	34.0	-	45.8	37.9	88.2	68.2	42.4	30.3	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).

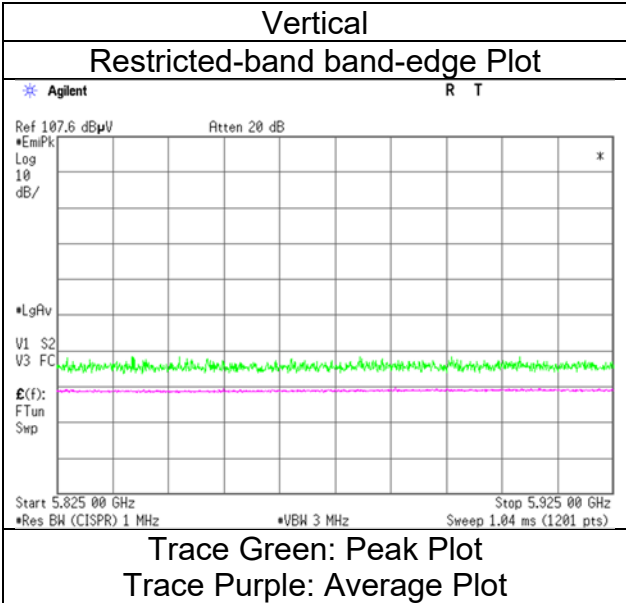
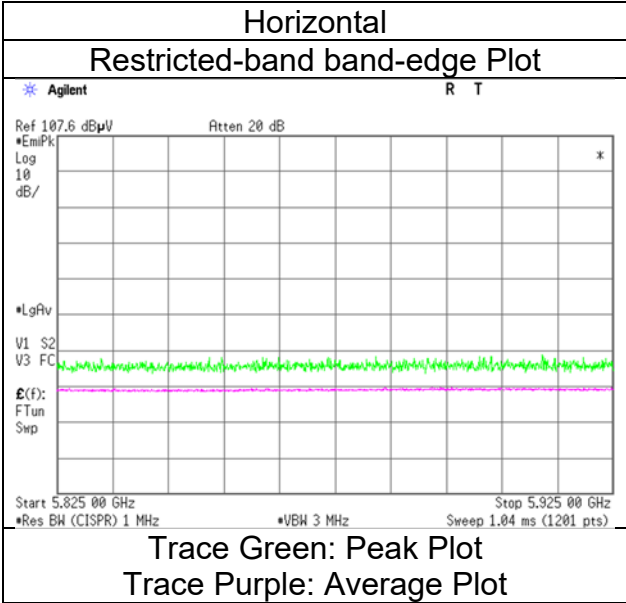
*QP detector was used up to 1GHz.

Distance factor:	1 GHz - 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 1, 2024
23 deg. C / 45 % RH
Takeshi Hiyaji
Tx 11be-40 [106-tone RU/Index 53] 5965 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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [242-tone RU/Index 61] 5965 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	41.9	33.9	32.4	5.6	34.0	-	46.0	37.9	88.2	68.2	42.2	30.3	Floor noise
Vert.	5925.0	41.3	33.6	32.4	5.6	34.0	-	45.3	37.6	88.2	68.2	42.9	30.6	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

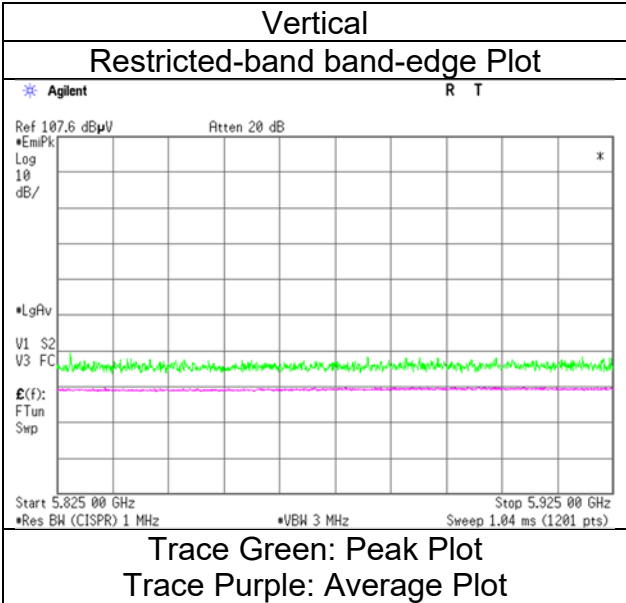
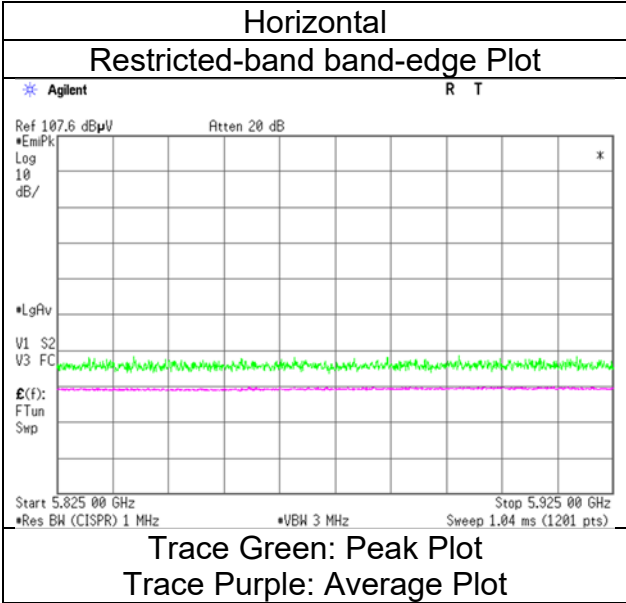
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [242-tone RU/Index 61] 5965 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 1, 2024
23 deg. C / 45 % RH
Takeshi Hiyaji
(1 GHz to 10 GHz)
Tx 11be-40 [484-tone RU/Index 65] 5965 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	42.2	34.3	32.4	5.6	34.0	-	46.3	38.4	88.2	68.2	42.0	29.8	Floor noise
Vert.	5925.0	45.4	34.3	32.4	5.6	34.0	-	49.4	38.3	88.2	68.2	38.8	29.9	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.

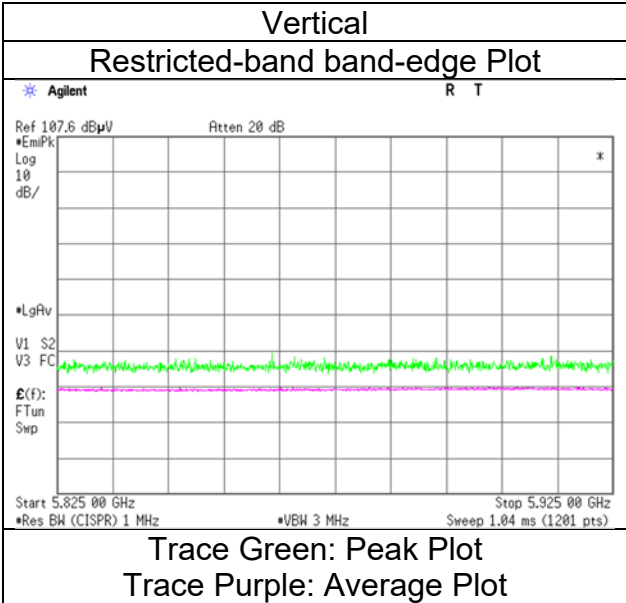
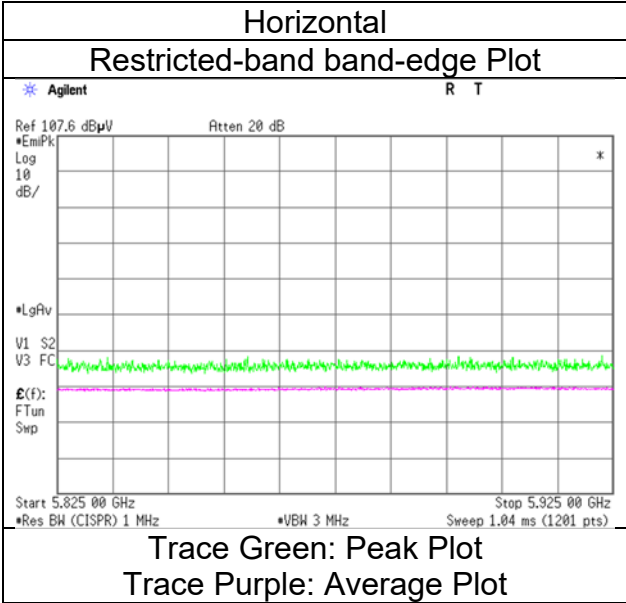
Distance factor:

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	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [484-tone RU/Index 65] 5965 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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Ken Fujita (1 GHz to 10 GHz)
Mode	Tx 11be-40 [26-tone RU/Index 17] 7085 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	42.9	32.6	35.5	6.0	34.0	-	50.4	40.2	88.2	68.2	37.8	28.1	Floor noise
Vert.	7125.0	43.4	32.5	35.5	6.0	34.0	-	50.9	40.1	88.2	68.2	37.3	28.2	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).

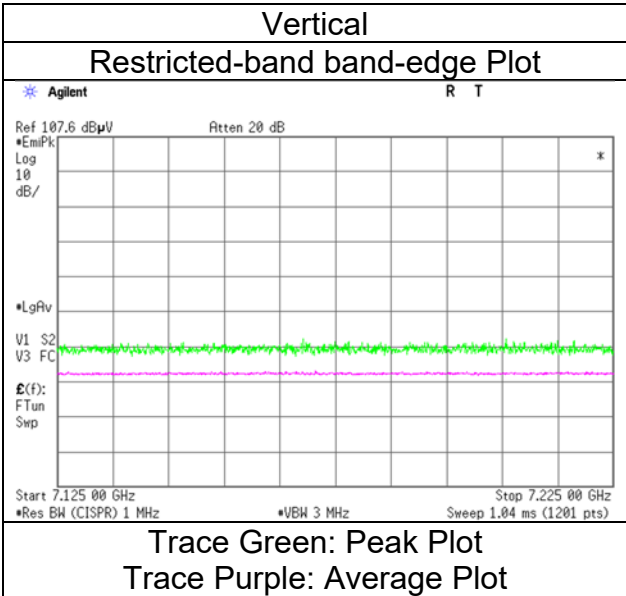
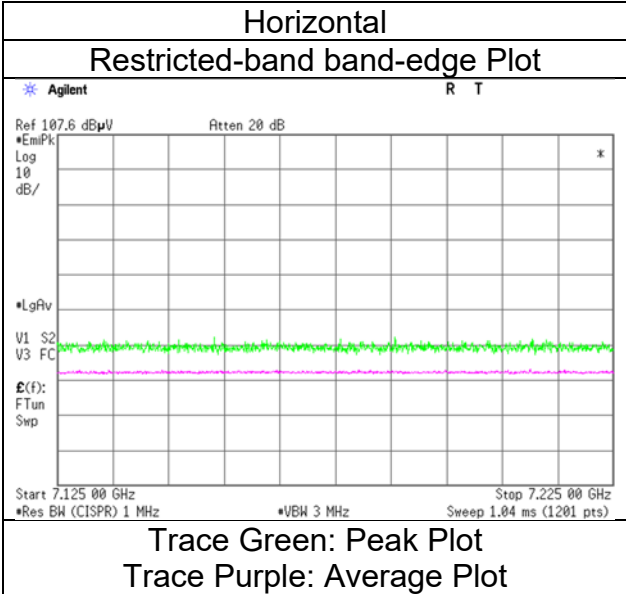
*QP detector was used up to 1 GHz.

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 1, 2024
23 deg. C / 45 % RH
Ken Fujita
Tx 11be-40 [26-tone RU/Index 17] 7085 MHz

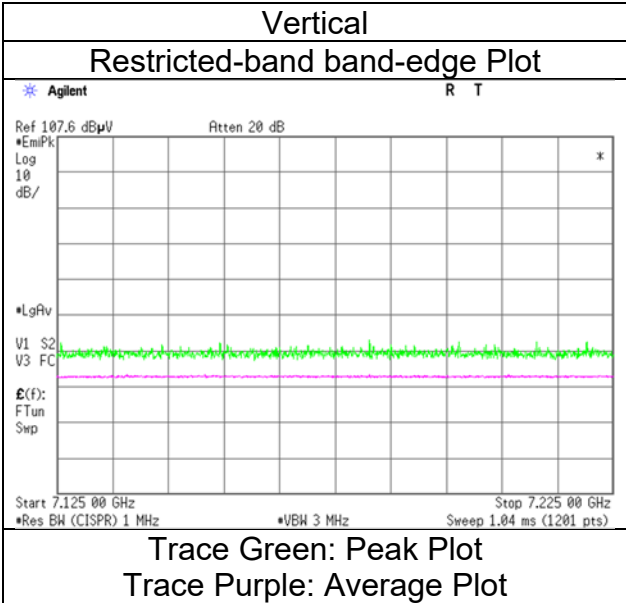
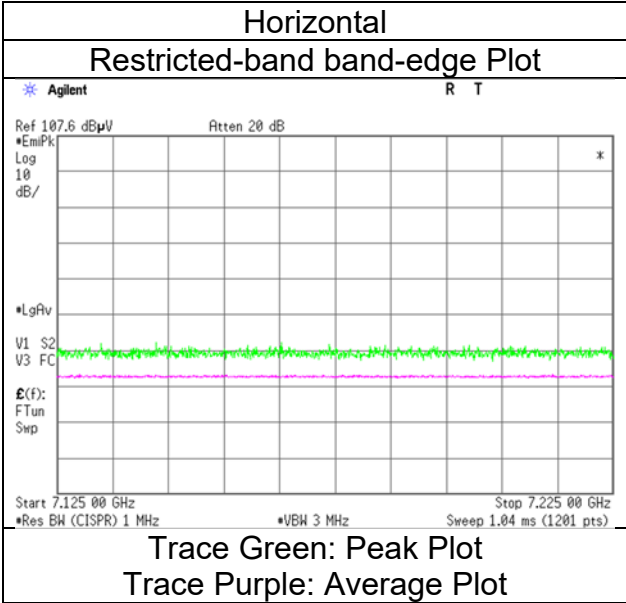


* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.2
February 1, 2024
23 deg. C / 45 % RH
Takeshi Hiyaji
Tx 11be-40 [52-tone RU/Index 44] 7085 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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [106-tone RU/Index 56] 7085 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	41.9	34.8	35.5	6.0	34.0	-	49.4	42.3	88.2	68.2	38.8	25.9	Floor noise
Vert.	7125.0	43.0	34.8	35.5	6.0	34.0	-	50.5	42.3	88.2	68.2	37.7	25.9	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

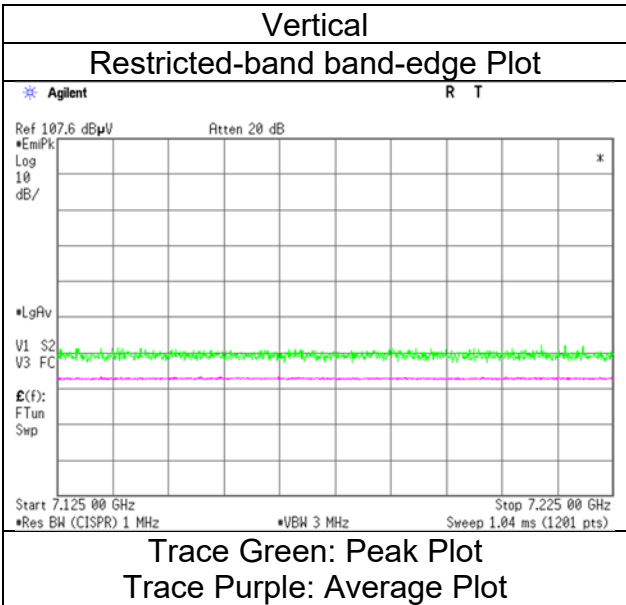
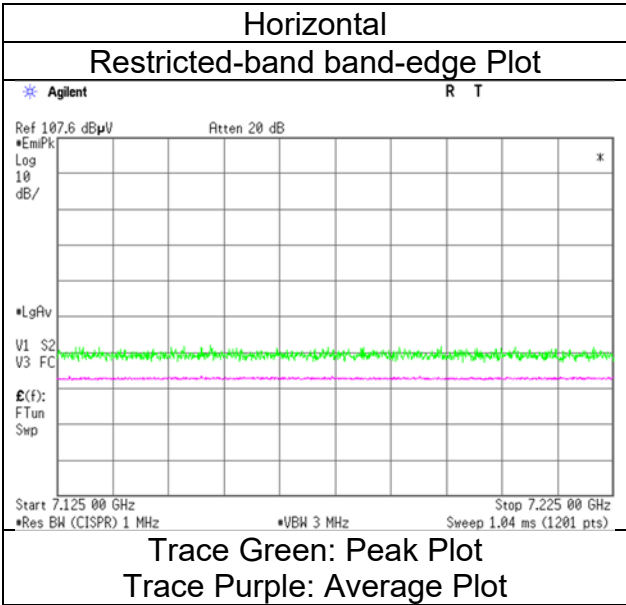
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [106-tone RU/Index 56] 7085 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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-40 [242-tone RU/Index 62] 7085 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	42.0	35.0	35.5	6.0	34.0	0.4	49.6	42.9	88.2	68.2	38.6	25.3	*1)
Vert.	7125.0	42.3	34.7	35.5	6.0	34.0	-	49.9	42.3	88.2	68.2	38.3	26.0	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).

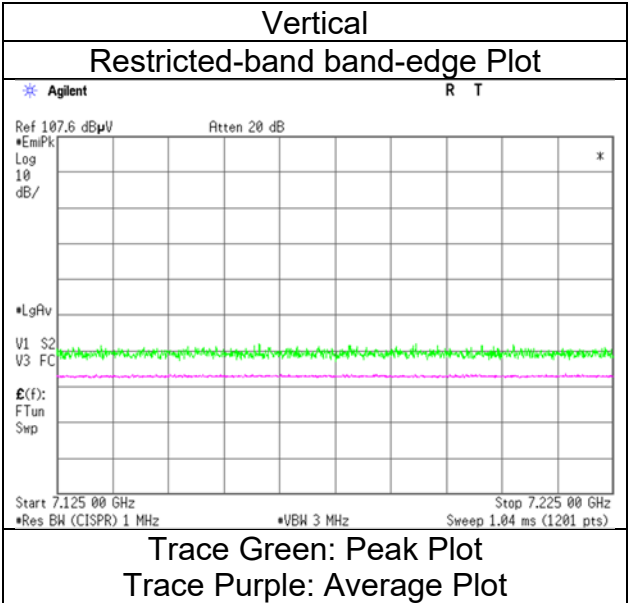
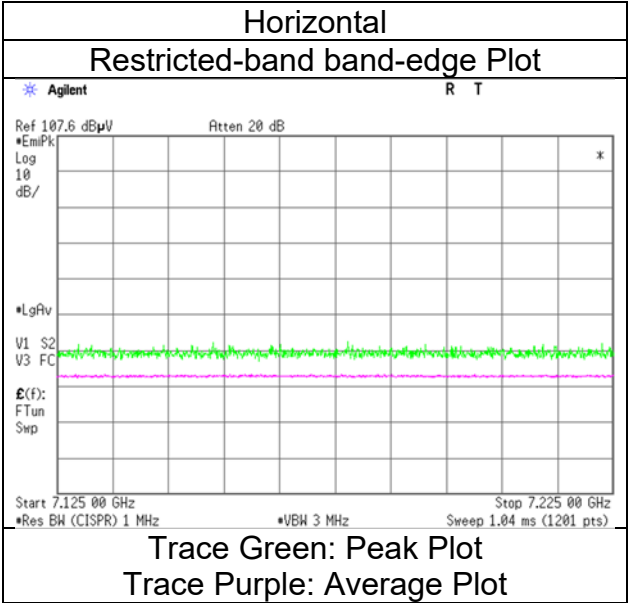
*QP detector was used up to 1 GHz.

*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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [242-tone RU/Index 62] 7085 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 1, 2024
23 deg. C / 45 % RH
Takeshi Hiyaji
(1 GHz to 10 GHz)
Tx 11be-40 [484-tone RU/Index 65] 7085 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	43.4	34.8	35.5	6.0	34.0	-	50.9	42.3	88.2	68.2	37.3	25.9	Floor noise
Vert.	7125.0	42.6	34.8	35.5	6.0	34.0	-	50.2	42.4	88.2	68.2	38.0	25.8	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.

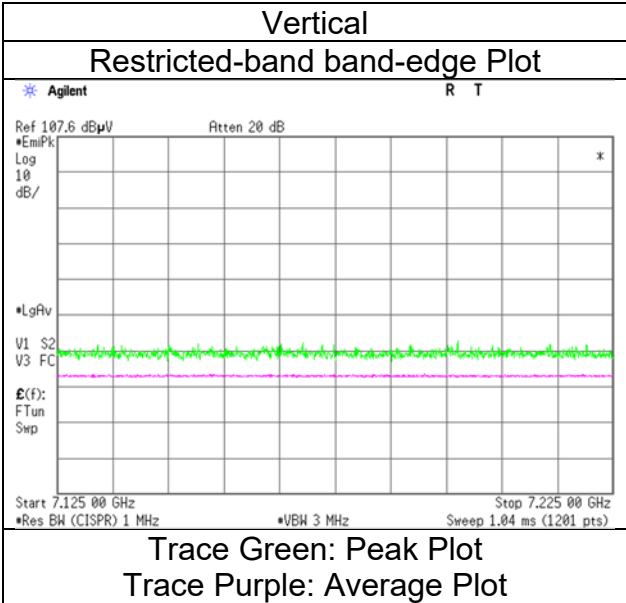
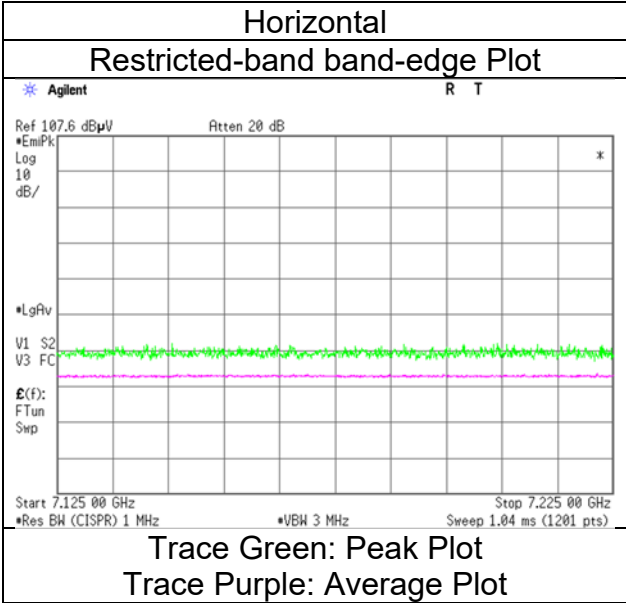
Distance factor:

1 GHz - 6 GHz
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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [484-tone RU/Index 65] 7085 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 2, 2024 February 11, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 43 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-80 [OFDM] 5985 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	32.0	32.4	5.6	34.0	-	46.5	36.0	88.2	68.2	41.7	32.2	Floor noise
Hori.	11970.0	44.3	33.8	38.4	-3.6	33.8	-	45.3	34.8	73.9	53.9	28.6	19.1	Floor noise
Hori.	17955.0	45.6	35.4	40.1	-2.1	32.7	-	50.9	40.7	73.9	53.9	23.0	13.2	Floor noise
Vert.	5925.0	42.1	31.4	32.4	5.6	34.0	-	46.1	35.5	88.2	68.2	42.1	32.7	Floor noise
Vert.	11970.0	44.3	33.9	38.4	-3.6	33.8	-	45.3	34.9	73.9	53.9	28.6	19.0	Floor noise
Vert.	17955.0	45.2	35.4	40.1	-2.1	32.7	-	50.6	40.8	73.9	53.9	23.3	13.1	Floor noise

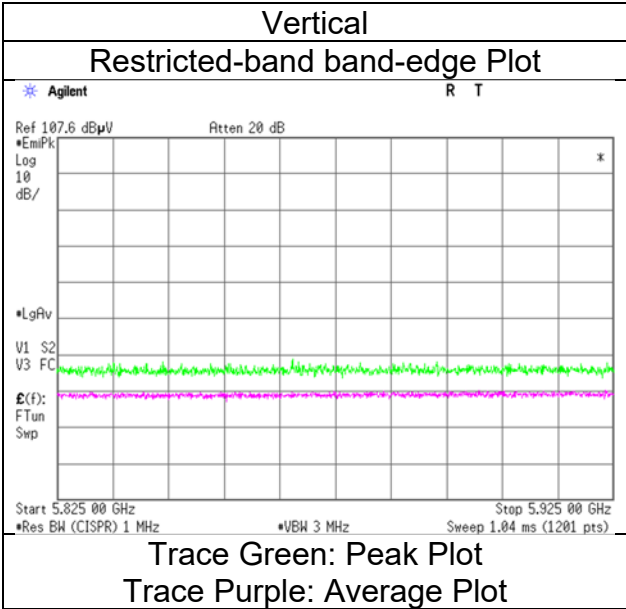
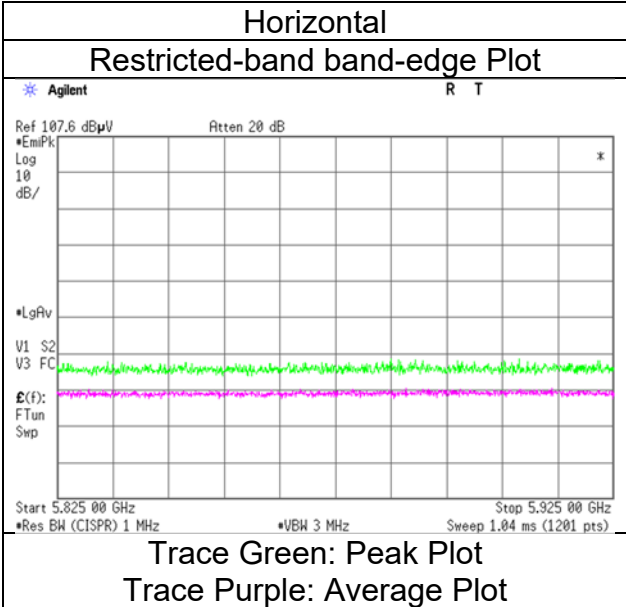
Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)
Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor
*Other frequency noises omitted in this report were not 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 2, 2024
23 deg. C / 43 % RH
Ken Fujita
Tx 11be-80 [OFDM] 5985 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 2, 2024 February 11, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 43 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-80 [OFDM] 6145 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.	12290.0	44.9	34.4	38.3	-3.5	33.6	-	46.1	35.6	73.9	53.9	27.8	18.3	Floor noise
Hori.	18435.0	42.9	34.9	40.1	-1.9	32.6	-	48.4	40.5	73.9	53.9	25.5	13.4	Floor noise
Vert.	12290.0	44.8	34.2	38.3	-3.5	33.6	-	46.0	35.4	73.9	53.9	27.9	18.5	Floor noise
Vert.	18435.0	43.1	34.4	40.1	-1.9	32.6	-	48.7	39.9	73.9	53.9	25.3	14.0	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 2, 2024 February 11, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 43 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-80 [OFDM] 6385 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.	12770.0	44.3	33.9	38.5	-3.4	33.3	-	46.2	35.8	88.2	68.2	42.0	32.5	Floor noise
Hori.	19155.0	42.4	34.9	40.5	-1.8	32.6	-	48.5	41.0	73.9	53.9	25.4	12.9	Floor noise
Vert.	12770.0	44.1	33.8	38.5	-3.4	33.3	-	46.0	35.6	88.2	68.2	42.2	32.6	Floor noise
Vert.	19155.0	42.3	34.0	40.5	-1.8	32.6	-	48.4	40.1	73.9	53.9	25.5	13.8	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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-80 [OFDM] 6465 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.	12930.0	44.3	33.5	38.7	-3.3	33.1	-	46.5	35.7	88.2	68.2	41.7	32.5	Floor noise
Hori.	19395.0	42.7	34.6	40.5	-1.8	32.7	-	48.7	40.7	73.9	53.9	25.2	13.3	Floor noise
Vert.	12930.0	44.1	33.4	38.7	-3.3	33.1	-	46.3	35.6	88.2	68.2	41.9	32.6	Floor noise
Vert.	19395.0	42.3	34.7	40.5	-1.8	32.7	-	48.4	40.7	73.9	53.9	25.5	13.2	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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-80 [OFDM] 6545 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.	13090.0	43.8	33.6	38.7	-3.3	33.0	-	46.3	36.0	88.2	68.2	41.9	32.2	Floor noise
Hori.	19635.0	43.2	34.9	40.5	-1.7	32.9	-	49.1	40.7	73.9	53.9	24.8	13.2	Floor noise
Vert.	13090.0	43.9	33.4	38.7	-3.3	33.0	-	46.3	35.9	88.2	68.2	41.9	32.3	Floor noise
Vert.	19635.0	43.2	34.6	40.5	-1.7	32.9	-	49.1	40.5	73.9	53.9	24.8	13.5	Floor noise

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

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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-80 [OFDM] 6625 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.	13250.0	44.0	33.8	38.8	-3.3	32.9	-	46.7	36.5	73.9	53.9	27.2	17.5	Floor noise
Hori.	19875.0	44.1	35.8	40.3	-1.7	33.0	-	49.7	41.4	73.9	53.9	24.3	12.5	Floor noise
Vert.	13250.0	43.9	33.7	38.8	-3.3	32.9	-	46.6	36.4	73.9	53.9	27.3	17.5	Floor noise
Vert.	19875.0	43.4	35.4	40.3	-1.7	33.0	-	49.0	41.0	73.9	53.9	24.9	12.9	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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-80 [OFDM] 6705 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.	13410.0	43.9	33.7	38.8	-3.2	32.7	-	46.7	36.5	88.2	68.2	41.5	31.7	Floor noise
Hori.	20115.0	43.7	35.9	40.3	-1.7	33.1	-	49.2	41.4	73.9	53.9	24.7	12.5	Floor noise
Vert.	13410.0	43.6	33.5	38.8	-3.2	32.7	-	46.4	36.3	88.2	68.2	41.8	31.9	Floor noise
Vert.	20115.0	43.8	35.6	40.3	-1.7	33.1	-	49.3	41.0	73.9	53.9	24.7	12.9	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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-80 [OFDM] 6785 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.	13570.0	44.0	33.7	38.7	-3.2	32.6	-	46.9	36.6	88.2	68.2	41.3	31.6	Floor noise
Hori.	20355.0	44.9	35.8	40.2	-1.6	33.2	-	50.3	41.2	73.9	53.9	23.6	12.7	Floor noise
Vert.	13570.0	43.9	33.7	38.7	-3.2	32.6	-	46.8	36.6	88.2	68.2	41.4	31.7	Floor noise
Vert.	20355.0	44.7	35.8	40.2	-1.6	33.2	-	50.1	41.1	73.9	53.9	23.8	12.8	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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-80 [OFDM] 6865 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.	13730.0	45.3	34.9	38.7	-3.2	32.5	-	48.4	38.0	88.2	68.2	39.9	30.2	Floor noise
Hori.	20595.0	43.7	36.0	40.3	-1.6	33.3	-	49.1	41.4	73.9	53.9	24.8	12.6	Floor noise
Vert.	13730.0	45.5	34.9	38.7	-3.2	32.5	-	48.5	37.9	88.2	68.2	39.7	30.3	Floor noise
Vert.	20595.0	44.9	35.8	40.3	-1.6	33.3	-	50.3	41.2	73.9	53.9	23.6	12.7	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
	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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	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-80 [OFDM] 6945 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.	13890.0	45.8	34.7	38.8	-3.1	32.3	-	49.1	38.1	88.2	68.2	39.1	30.2	Floor noise
Hori.	20835.0	44.6	36.4	40.3	-1.5	33.4	-	49.9	41.8	73.9	53.9	24.0	12.1	Floor noise
Vert.	13890.0	45.4	34.5	38.8	-3.1	32.3	-	48.7	37.9	88.2	68.2	39.5	30.3	Floor noise
Vert.	20835.0	44.1	36.8	40.3	-1.5	33.4	-	49.5	42.1	73.9	53.9	24.4	11.8	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 2, 2024 February 11, 2024 February 20, 2024 February 19, 2024
Temperature / Humidity 23 deg. C / 43 % RH 23 deg. C / 40 % RH 23 deg. C / 61 % RH 23 deg. C / 61 % RH
Engineer Ken Fujita 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-80 [OFDM] 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	42.9	32.6	35.5	6.0	34.0	-	50.4	40.1	88.2	68.2	37.8	28.1	Floor noise
Hori.	14050.0	45.1	34.6	39.0	-3.1	32.3	-	48.7	38.3	88.2	68.2	39.5	29.9	Floor noise
Hori.	21075.0	44.3	36.0	40.2	-1.5	33.4	-	49.7	41.4	73.9	53.9	24.2	12.5	Floor noise
Vert.	7125.0	43.6	32.7	35.5	6.0	34.0	-	51.2	40.2	88.2	68.2	37.0	28.0	Floor noise
Vert.	14050.0	44.6	34.6	39.0	-3.1	32.3	-	48.3	38.2	88.2	68.2	40.0	30.0	Floor noise
Vert.	21075.0	43.3	36.7	40.2	-1.5	33.4	-	48.6	42.1	73.9	53.9	25.3	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.

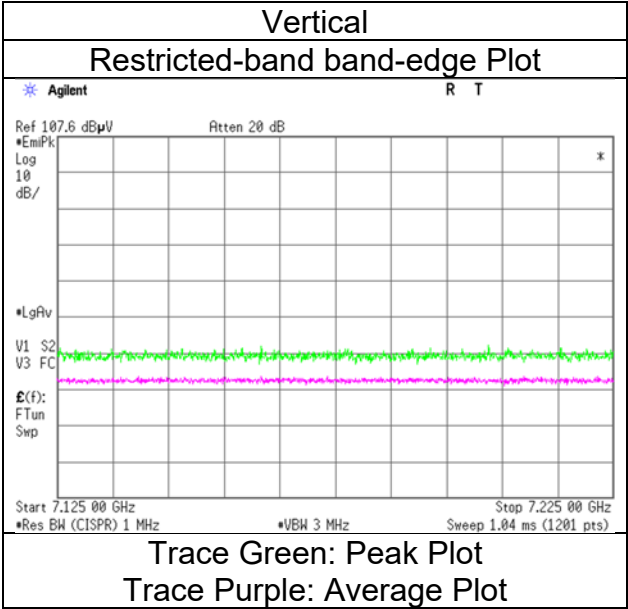
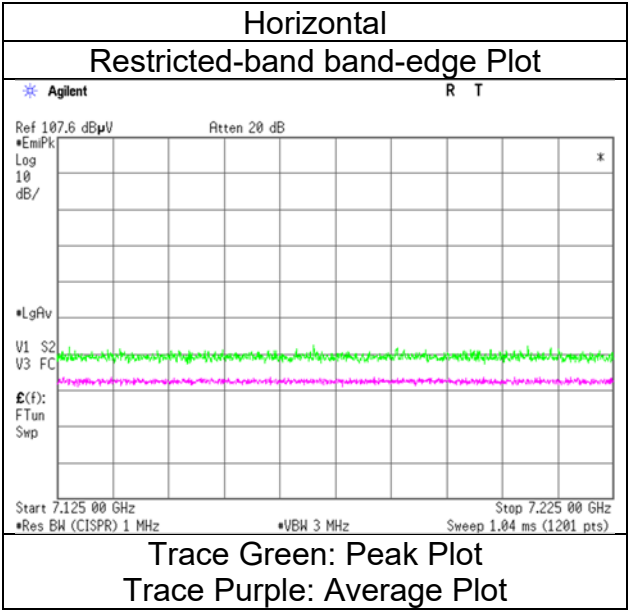
Distance factor: 1 GHz - 6 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
 6 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
 10 GHz - 40 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.2
February 2, 2024
23 deg. C / 43 % RH
Ken Fujita
(1 GHz to 10 GHz)
Tx 11be-80 [OFDM] 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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [26-tone RU/Index 0] 5985 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	33.5	32.4	5.6	34.0	0.2	46.1	37.8	88.2	68.2	42.1	30.4	*1)
Vert.	5925.0	42.2	31.3	32.4	5.6	34.0	-	46.2	35.4	88.2	68.2	42.0	32.9	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

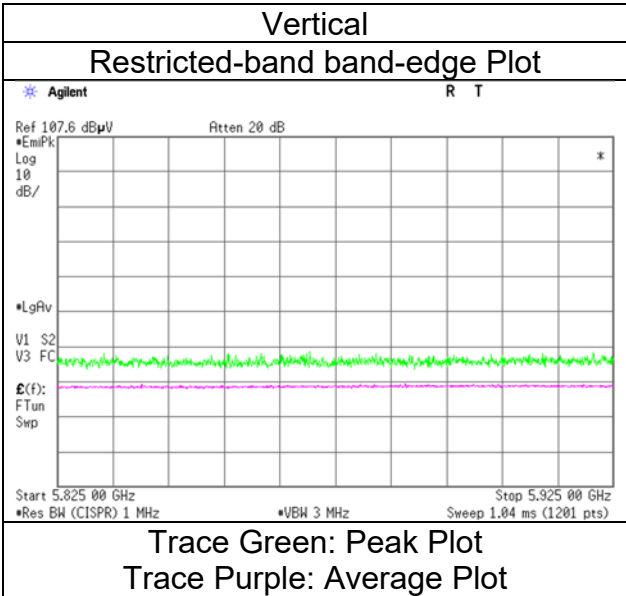
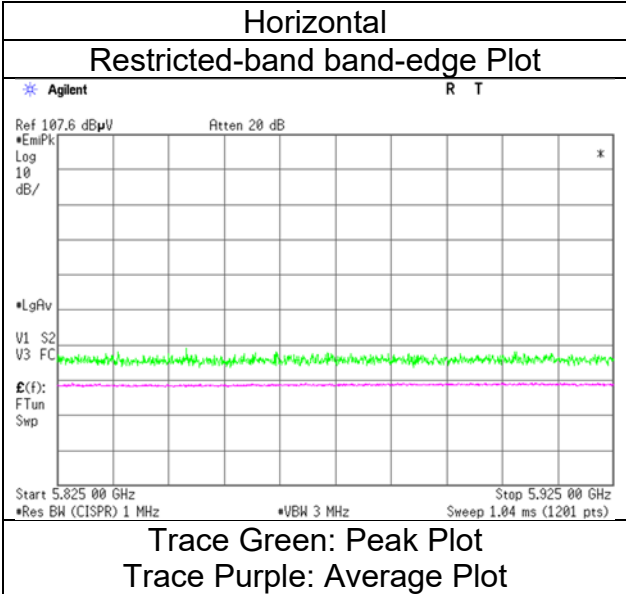
*1) Not Out of Band emission(Leakage Power)

Distance factor:	1 GHz - 6 GHz	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 2, 2024
23 deg. C / 43 % RH
Ken Fujita
Tx 11be-80 [26-tone RU/Index 0] 5985 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 2, 2024
Temperature / Humidity 23 deg. C / 43 % RH
Engineer Ken Fujita
Mode (1 GHz to 10 GHz)
Tx 11be-80 [52-tone RU/Index 37] 5985 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	31.4	32.4	5.6	34.0	-	46.8	35.4	88.2	68.2	41.4	32.8	Floor noise
Vert.	5925.0	42.8	31.5	32.4	5.6	34.0	-	46.8	35.5	88.2	68.2	41.4	32.7	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).

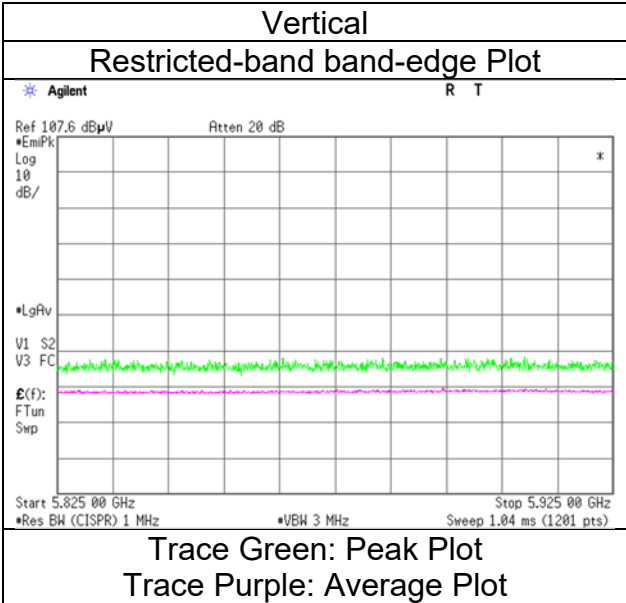
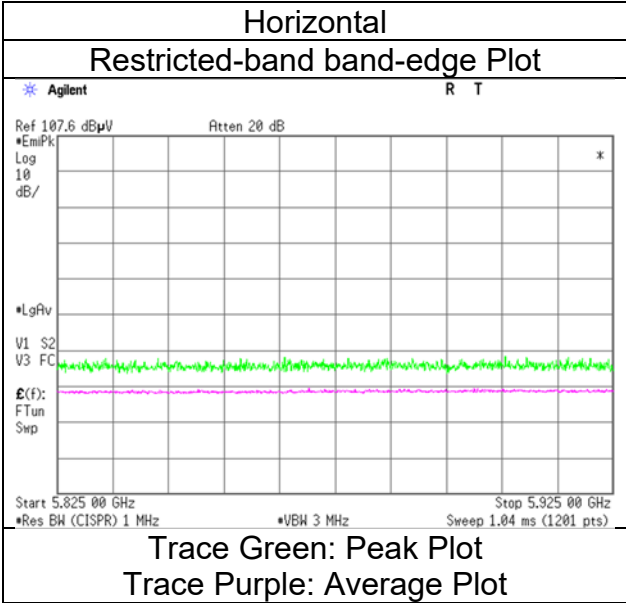
*QP detector was used up to 1GHz.

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 2, 2024
23 deg. C / 43 % RH
Ken Fujita
Tx 11be-80 [52-tone RU/Index 37] 5985 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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [106-tone RU/Index 53] 5985 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	42.2	31.6	32.4	5.6	34.0	-	46.2	35.7	88.2	68.2	42.0	32.5	Floor noise
Vert.	5925.0	42.2	31.3	32.4	5.6	34.0	-	46.2	35.4	88.2	68.2	42.0	32.9	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

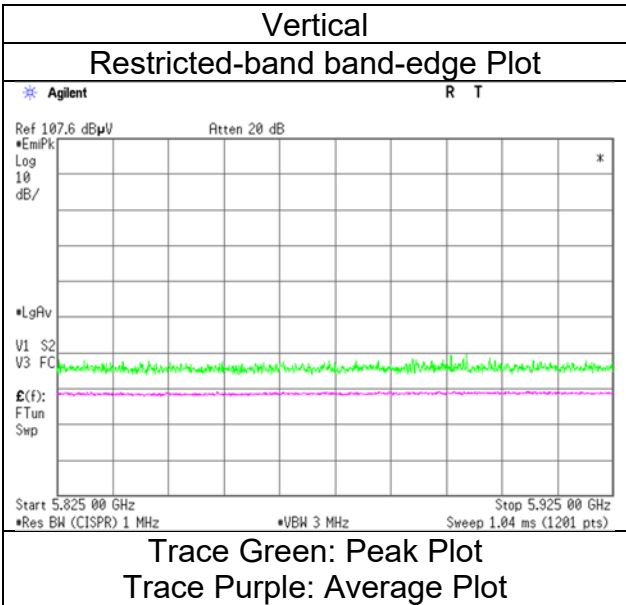
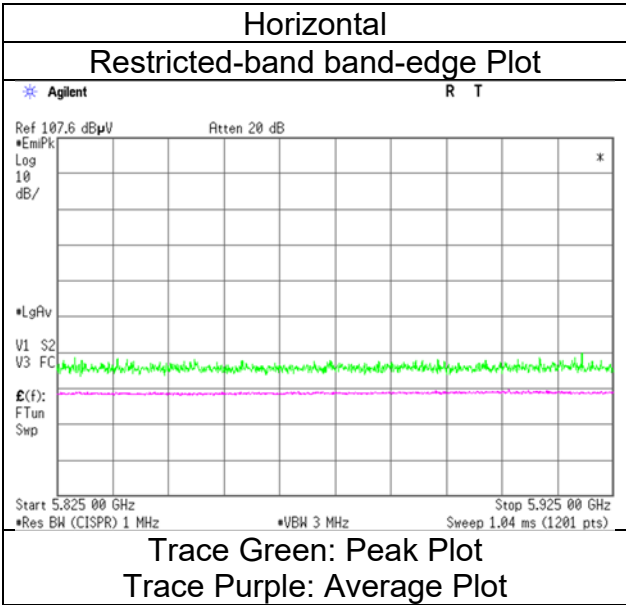
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [106-tone RU/Index 53] 5985 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 2, 2024
23 deg. C / 43 % RH
Ken Fujita
(1 GHz to 10 GHz)
Tx 11be-80 [242-tone RU/Index 61] 5985 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	31.6	32.4	5.6	34.0	-	46.1	35.6	88.2	68.2	42.1	32.6	Floor noise
Vert.	5925.0	41.9	31.6	32.4	5.6	34.0	-	45.9	35.6	88.2	68.2	42.3	32.6	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.

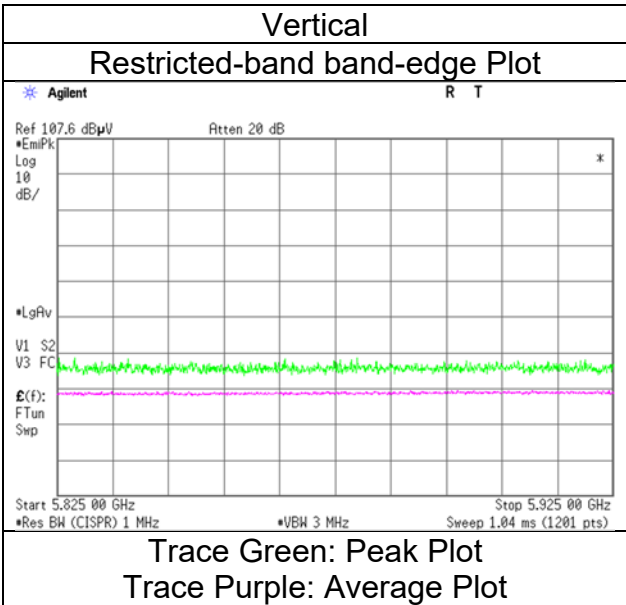
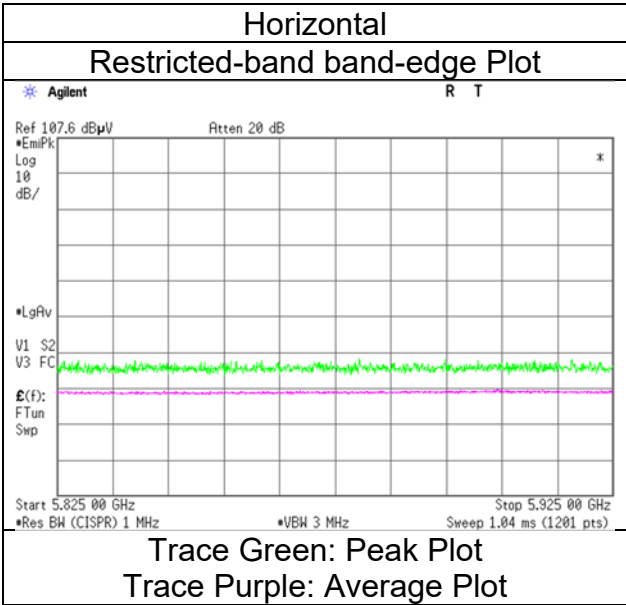
Distance factor:

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	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [242-tone RU/Index 61] 5985 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 2, 2024
23 deg. C / 43 % RH
Ken Fujita
(1 GHz to 10 GHz)
Tx 11be-80 [484-tone RU/Index 65] 5985 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	31.5	32.4	5.6	34.0	-	46.7	35.6	88.2	68.2	41.5	32.6	Floor noise
Vert.	5925.0	42.2	31.3	32.4	5.6	34.0	-	46.2	35.3	88.2	68.2	42.0	32.9	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.

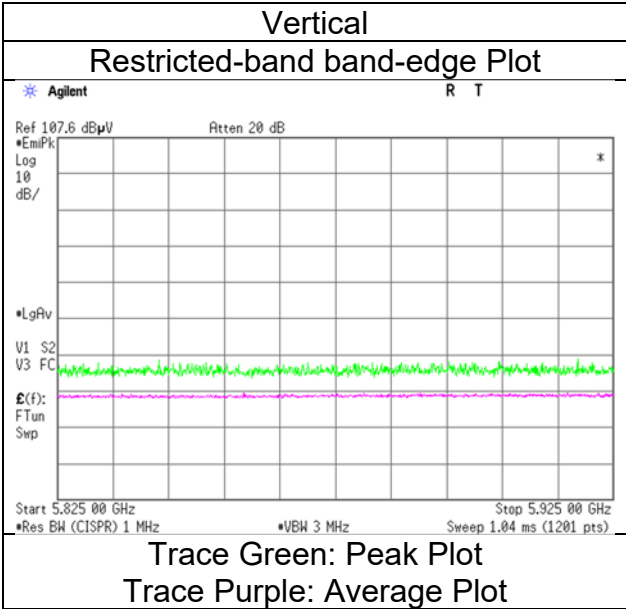
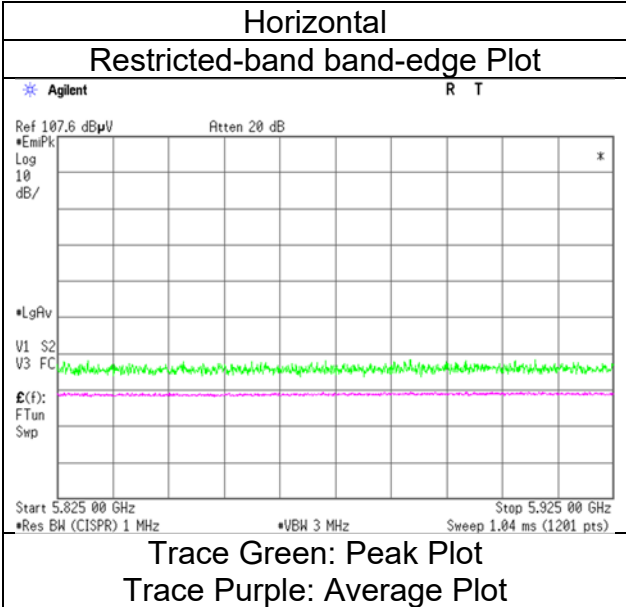
Distance factor:

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	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [484-tone RU/Index 65] 5985 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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [996-tone RU/Index 67] 5985 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	43.7	31.9	32.4	5.6	34.0	-	47.7	36.0	88.2	68.2	40.5	32.2	Floor noise
Vert.	5925.0	43.3	31.8	32.4	5.6	34.0	-	47.4	35.8	88.2	68.2	40.9	32.4	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

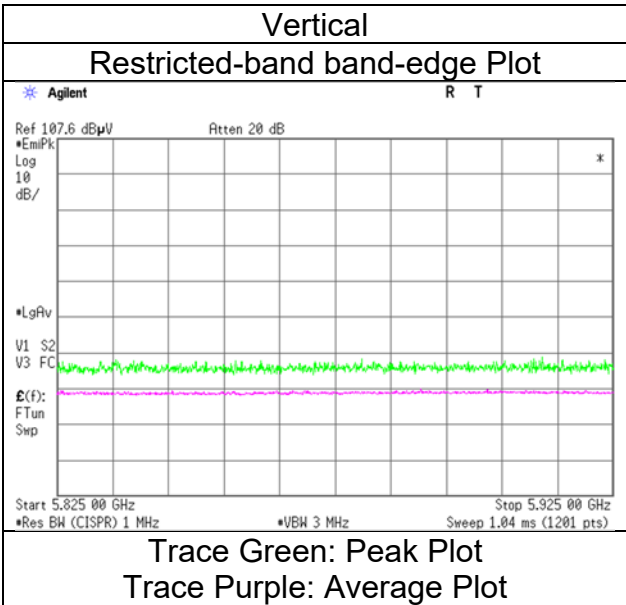
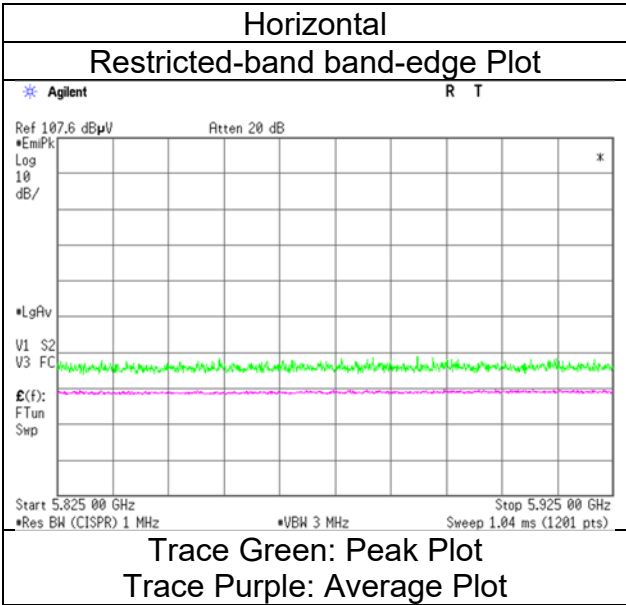
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [996-tone RU/Index 67] 5985 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 [26-tone RU/Index 36] 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	44.2	33.7	35.5	6.0	34.0	-	51.8	41.2	88.2	68.2	36.4	27.0	Floor noise
Vert.	7125.0	44.4	33.8	35.5	6.0	34.0	-	52.0	41.3	88.2	68.2	36.2	26.9	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.

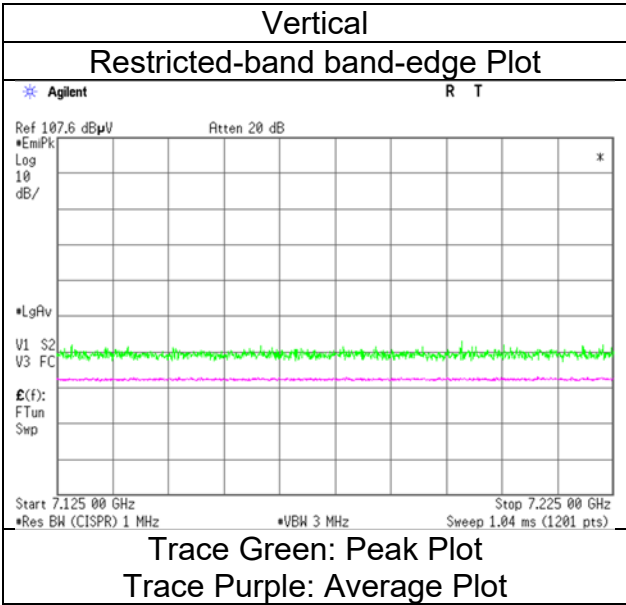
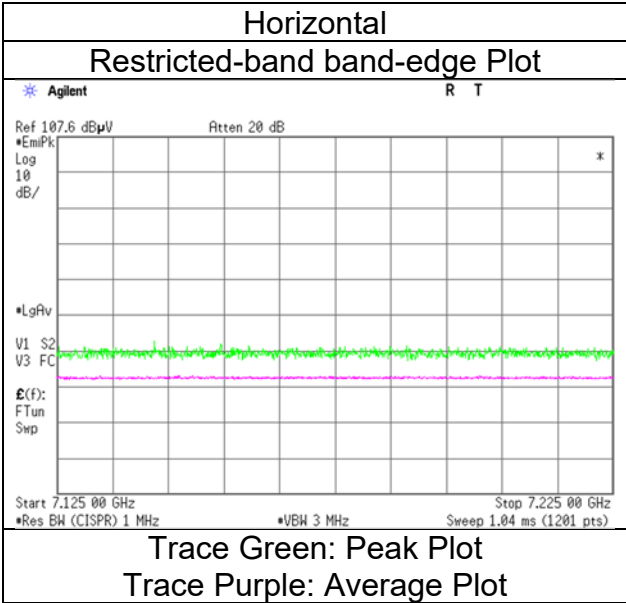
Distance factor: 1 GHz - 6 GHz 20log (3.7 m / 3.0 m) = 1.83 dB
6 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.2
February 4, 2024
23 deg. C / 42 % RH
Daiki Matsui
(1 GHz to 10 GHz)
Tx 11be-80 [26-tone RU/Index 36] 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 [52-tone RU/Index 52] 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	44.5	33.7	35.5	6.0	34.0	-	52.1	41.3	88.2	68.2	36.2	26.9	Floor noise
Vert.	7125.0	44.2	33.6	35.5	6.0	34.0	-	51.8	41.2	88.2	68.2	36.5	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).

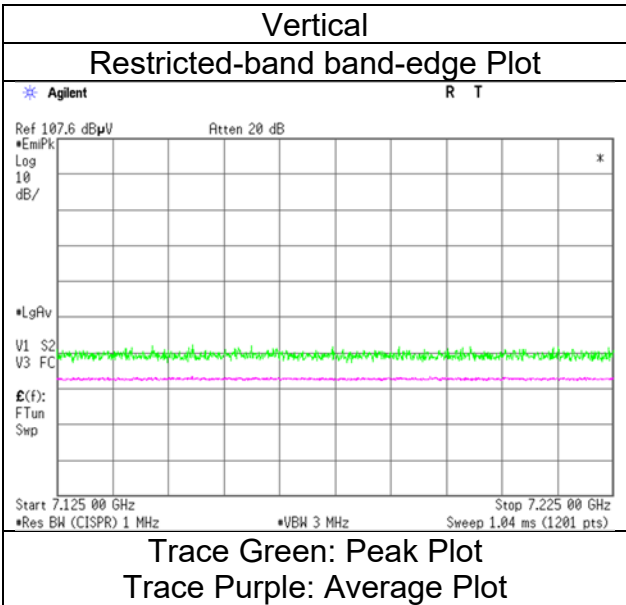
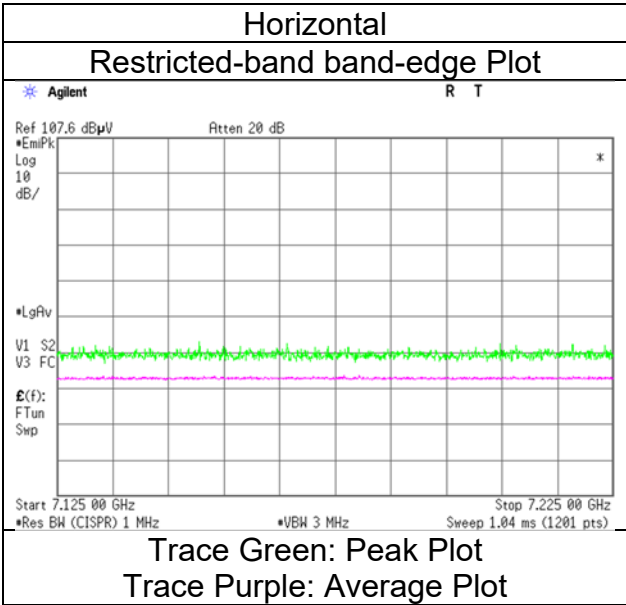
*QP detector was used up to 1 GHz.

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
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 [52-tone RU/Index 52] 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 [106-tone RU/Index 60] 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	43.9	33.7	35.5	6.0	34.0	-	51.5	41.2	88.2	68.2	36.8	27.0	Floor noise
Vert.	7125.0	44.7	33.7	35.5	6.0	34.0	-	52.3	41.2	88.2	68.2	35.9	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

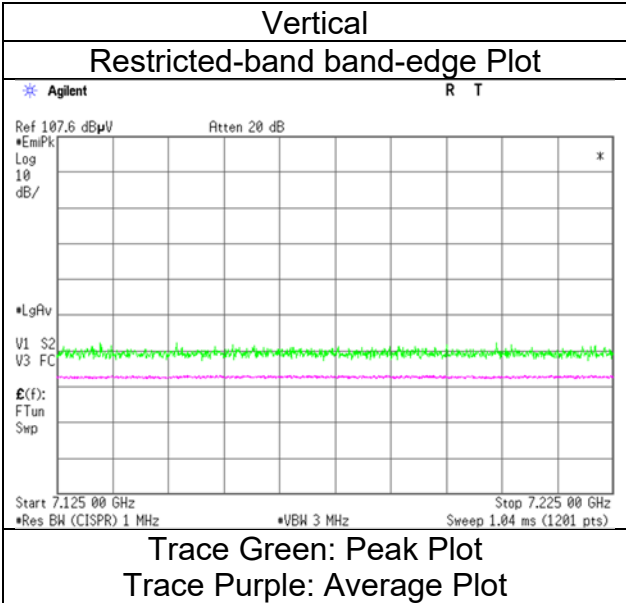
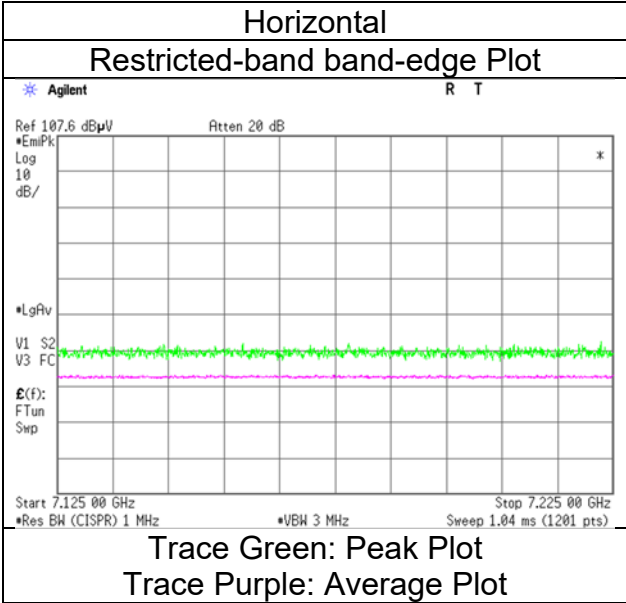
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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 4, 2024
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-80 [106-tone RU/Index 60] 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
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.2
February 4, 2024
23 deg. C / 42 % RH
Daiki Matsui
(1 GHz to 10 GHz)
Tx 11be-80 [242-tone RU/Index 64] 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	45.0	33.7	35.5	6.0	34.0	-	52.6	41.3	88.2	68.2	35.6	27.0	Floor noise
Vert.	7125.0	44.1	33.7	35.5	6.0	34.0	-	51.6	41.3	88.2	68.2	36.6	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:

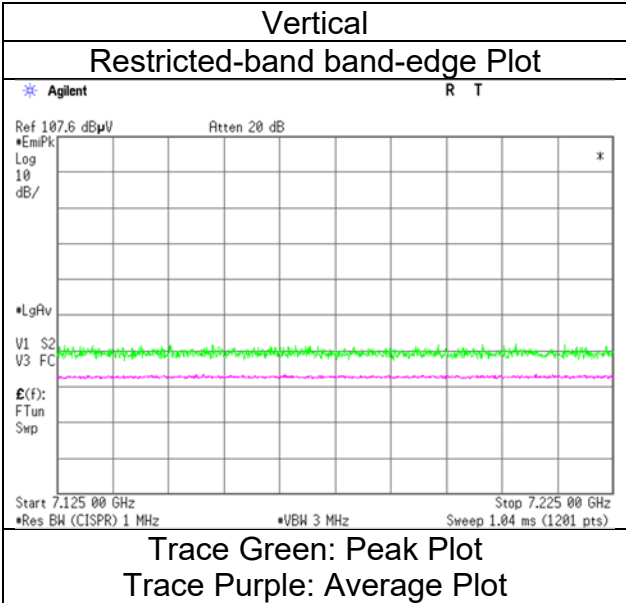
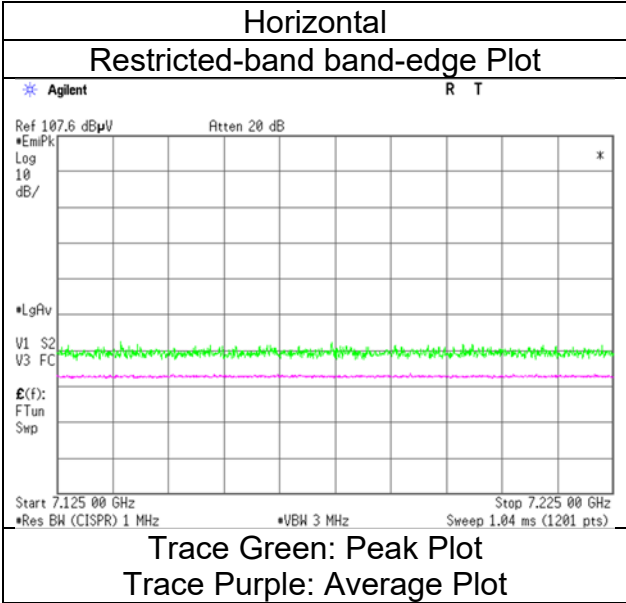
1 GHz - 6 GHz
6 GHz - 10 GHz

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 4, 2024
23 deg. C / 42 % RH
Daiki Matsui
Tx 11be-80 [242-tone RU/Index 64] 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
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.2
February 4, 2024
23 deg. C / 42 % RH
Daiki Matsui
(1 GHz to 10 GHz)
Tx 11be-80 [484-tone RU/Index 66] 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	43.8	33.7	35.5	6.0	34.0	-	51.3	41.3	88.2	68.2	36.9	26.9	Floor noise
Vert.	7125.0	44.0	33.7	35.5	6.0	34.0	-	51.6	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 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