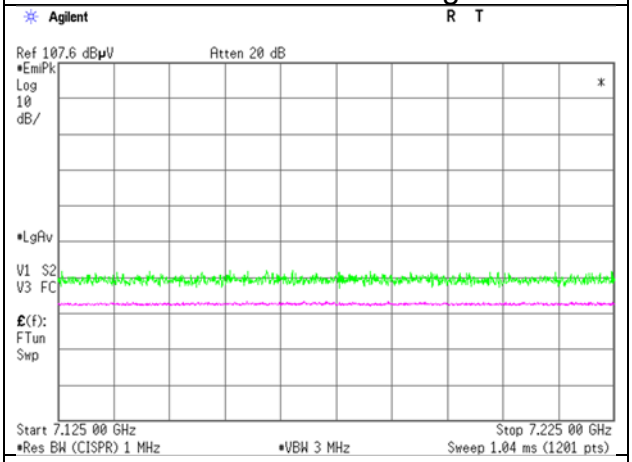
Radiated Spurious Emission

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 [484-tone RU/Index 66] 7025 MHz

Horizontal

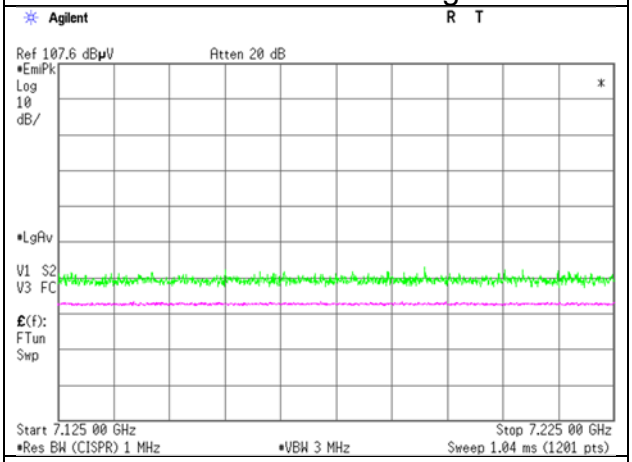
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 4, 2024
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [996-tone RU/Index 67] 7025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	44.8	33.8	35.5	6.0	34.0	-	52.4	41.3	88.2	68.2	35.8	26.9	Floor noise
Vert.	7125.0	43.9	33.8	35.5	6.0	34.0	-	51.4	41.4	88.2	68.2	36.8	26.8	Floor noise

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

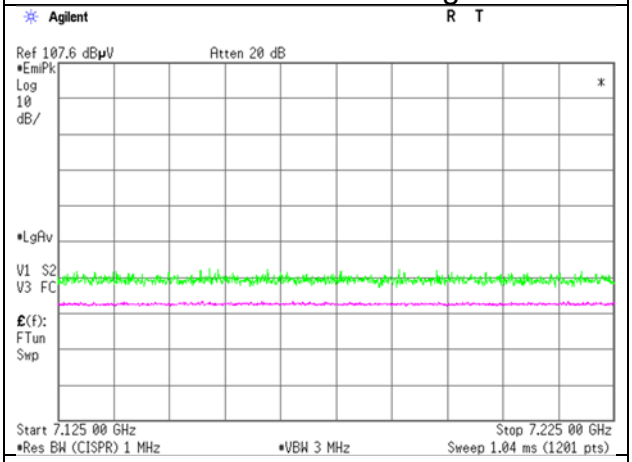
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

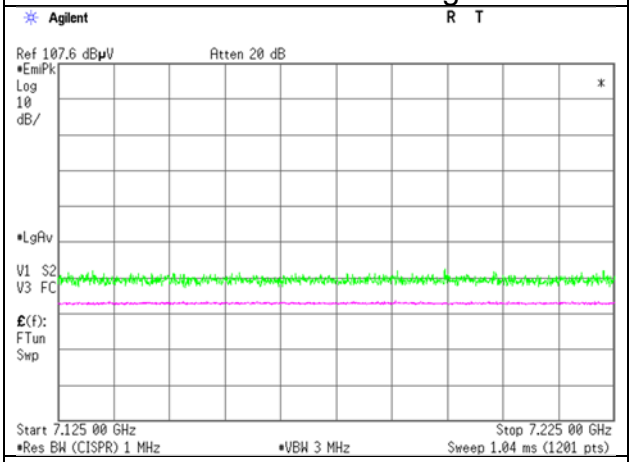
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

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

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	43.4	33.4	32.4	5.6	34.0	-	47.4	37.4	88.2	68.2	40.8	30.8	Floor noise
Hori.	12050.0	44.2	34.7	38.6	-3.5	33.8	-	45.4	35.9	73.9	53.9	28.5	18.0	Floor noise
Hori.	18075.0	44.6	36.5	39.9	-2.0	32.6	-	49.8	41.6	73.9	53.9	24.1	12.3	Floor noise
Vert.	5925.0	43.5	33.5	32.4	5.6	34.0	-	47.5	37.5	88.2	68.2	40.7	30.7	Floor noise
Vert.	12050.0	44.4	34.7	38.6	-3.5	33.8	-	45.7	35.9	73.9	53.9	28.3	18.0	Floor noise
Vert.	18075.0	45.6	36.7	39.9	-2.0	32.6	-	50.7	41.9	73.9	53.9	23.2	12.1	Floor noise

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

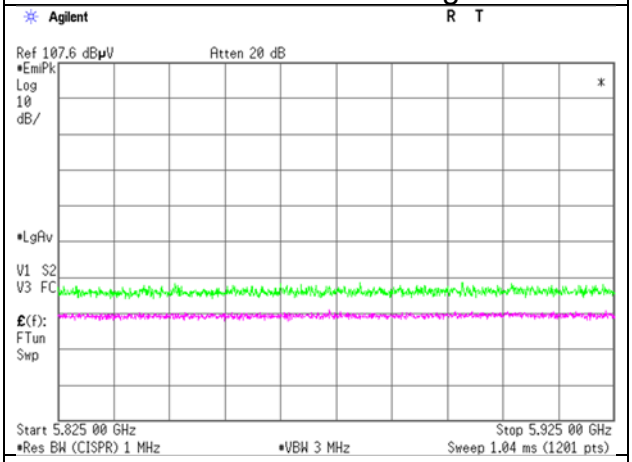
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	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-160 [OFDM] 6025 MHz

Horizontal

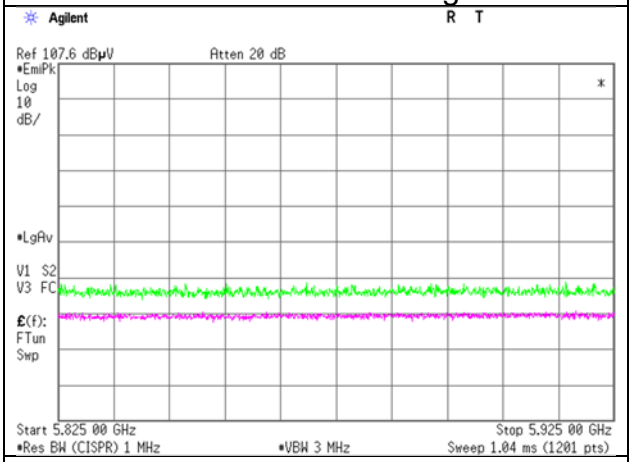
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

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

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	12370.0	44.5	34.2	38.2	-3.5	33.5	-	45.6	35.3	73.9	53.9	28.3	18.6	Floor noise
Hori.	18555.0	43.0	35.3	40.1	-1.9	32.6	-	48.6	41.0	73.9	53.9	25.3	12.9	Floor noise
Vert.	12370.0	44.2	34.1	38.2	-3.5	33.5	-	45.4	35.3	73.9	53.9	28.5	18.6	Floor noise
Vert.	18555.0	42.6	34.8	40.1	-1.9	32.6	-	48.2	40.4	73.9	53.9	25.7	13.5	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 4, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-160 [OFDM] 6345 MHz			

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	12690.0	45.1	34.2	38.4	-3.4	33.3	-	46.7	35.9	73.9	53.9	27.2	18.0	Floor noise
Hori.	19035.0	43.0	35.3	40.4	-1.8	32.5	-	49.1	41.5	73.9	53.9	24.8	12.4	Floor noise
Vert.	12690.0	45.2	34.1	38.4	-3.4	33.3	-	46.9	35.8	73.9	53.9	27.0	18.1	Floor noise
Vert.	19035.0	42.6	34.8	40.4	-1.8	32.5	-	48.7	40.9	73.9	53.9	25.2	13.0	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 4, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-160 [OFDM] 6505 MHz			

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	13010.0	43.1	33.4	38.7	-3.3	33.1	-	45.4	35.7	88.2	68.2	42.8	32.5	Floor noise
Hori.	19515.0	43.6	35.1	40.5	-1.7	32.8	-	49.5	41.1	73.9	53.9	24.4	12.8	Floor noise
Vert.	13010.0	43.4	33.4	38.7	-3.3	33.1	-	45.7	35.7	88.2	68.2	42.5	32.5	Floor noise
Vert.	19515.0	42.7	35.5	40.5	-1.7	32.8	-	48.7	41.4	73.9	53.9	25.2	12.5	Floor noise

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

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

Radiated Spurious Emission

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

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	13330.0	44.3	33.7	38.8	-3.2	32.8	-	47.0	36.5	73.9	53.9	26.9	17.4	Floor noise
Hori.	19995.0	43.2	35.6	40.3	-1.7	33.1	-	48.7	41.1	73.9	53.9	25.2	12.8	Floor noise
Vert.	13330.0	44.1	33.7	38.8	-3.2	32.8	-	46.9	36.5	73.9	53.9	27.0	17.5	Floor noise
Vert.	19995.0	43.4	34.9	40.3	-1.7	33.1	-	48.9	40.4	73.9	53.9	25.1	13.5	Floor noise

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 7, 2024	February 4, 2024	February 11, 2024	February 20, 2024
Temperature / Humidity	21 deg. C / 38 % RH	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui	Daiki Matsui	Daiki Matsui	Ken Fujita
	(Below 1 GHz)	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)

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

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	64.0	32.7	-	6.9	7.0	28.5	-	18.1	-	40.0	-	21.9	-	
Hori.	106.8	38.3	-	11.2	7.4	28.4	-	28.5	-	43.5	-	15.0	-	
Hori.	168.9	36.5	-	15.9	7.9	28.1	-	32.1	-	43.5	-	11.4	-	
Hori.	354.0	38.9	-	15.2	9.0	28.1	-	35.0	-	46.0	-	11.0	-	
Hori.	627.0	36.5	-	19.5	10.2	29.3	-	36.9	-	46.0	-	9.1	-	
Hori.	774.6	35.0	-	20.5	10.8	29.2	-	37.1	-	46.0	-	8.9	-	
Hori.	13650.0	45.3	34.7	38.6	-3.2	32.5	-	48.3	37.7	88.2	68.2	40.0	30.5	Floor noise
Hori.	20475.0	43.8	36.4	40.2	-1.6	33.3	-	49.2	41.7	73.9	53.9	24.7	12.2	Floor noise
Vert.	64.0	48.9	-	6.9	7.0	28.5	-	34.3	-	40.0	-	5.7	-	
Vert.	106.8	48.4	-	11.2	7.4	28.4	-	38.6	-	43.5	-	4.9	-	
Vert.	168.9	41.4	-	15.9	7.9	28.1	-	37.0	-	43.5	-	6.5	-	
Vert.	354.0	38.2	-	15.2	9.0	28.1	-	34.3	-	46.0	-	11.7	-	
Vert.	627.0	37.1	-	19.5	10.2	29.3	-	37.5	-	46.0	-	8.5	-	
Vert.	774.6	34.9	-	20.5	10.8	29.2	-	37.0	-	46.0	-	9.0	-	
Vert.	13650.0	45.2	34.7	38.6	-3.2	32.5	-	48.2	37.6	88.2	68.2	40.0	30.6	Floor noise
Vert.	20475.0	44.0	36.7	40.2	-1.6	33.3	-	49.4	42.1	73.9	53.9	24.5	11.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 4, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Daiki Matsui	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-160 [OFDM] 6985 MHz			

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	44.3	34.0	35.5	6.0	34.0	-	51.9	41.6	88.2	68.2	36.4	26.6	Floor noise
Hori.	13970.0	45.5	34.9	38.9	-3.1	32.2	-	49.1	38.4	88.2	68.2	39.1	29.8	Floor noise
Hori.	20955.0	44.7	36.5	40.3	-1.5	33.4	-	50.0	41.9	73.9	53.9	23.9	12.1	Floor noise
Vert.	7125.0	44.6	34.0	35.5	6.0	34.0	-	52.1	41.6	88.2	68.2	36.1	26.7	Floor noise
Vert.	13970.0	45.1	34.7	38.9	-3.1	32.2	-	48.7	38.2	88.2	68.2	39.5	30.0	Floor noise
Vert.	20955.0	44.1	36.1	40.3	-1.5	33.4	-	49.4	41.4	73.9	53.9	24.5	12.5	Floor noise

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

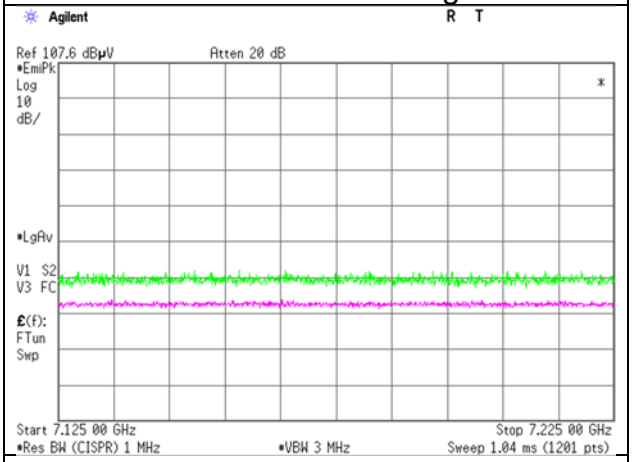
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	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-160 [OFDM] 6985 MHz

Horizontal

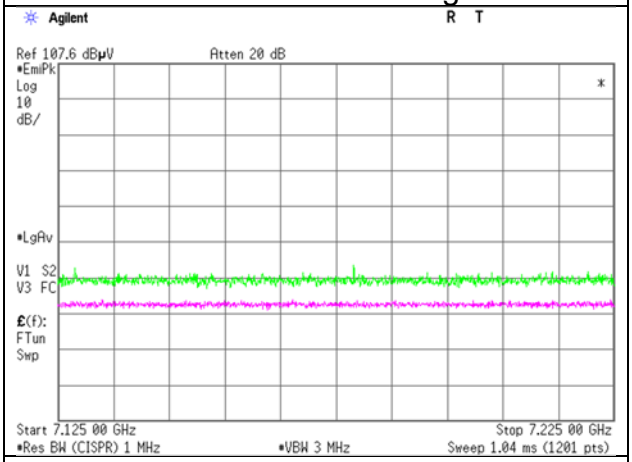
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [26-tone RU/Segment 0/Index 0] 6025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	42.7	33.6	32.4	5.6	34.0	-	46.8	37.7	88.2	68.2	41.4	30.5	Floor noise
Vert.	5925.0	43.3	33.5	32.4	5.6	34.0	-	47.3	37.5	88.2	68.2	40.9	30.7	Floor noise

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

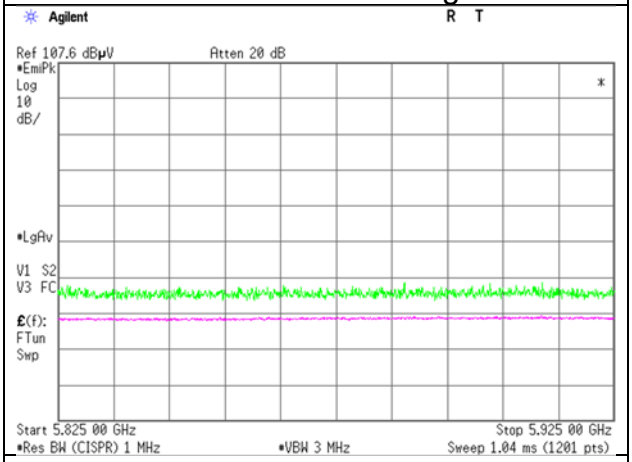
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
Mode	Tx 11be-160 [26-tone RU/Segment 0/Index 0] 6025 MHz

Horizontal

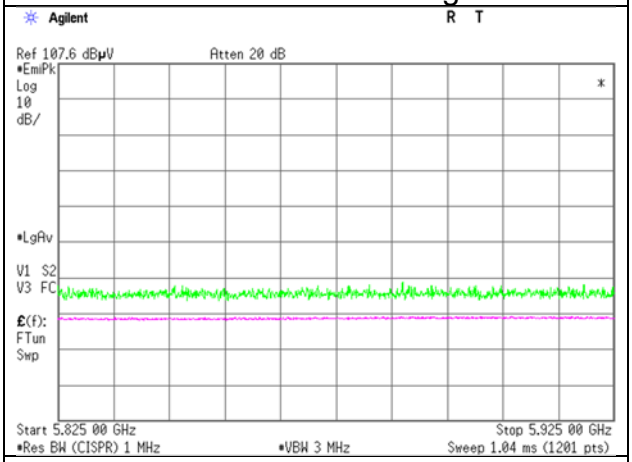
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [52-tone RU/Segment 0/Index 37] 6025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	42.1	33.8	32.4	5.6	34.0	0.3	46.1	38.1	88.2	68.2	42.1	30.1	*1)
Vert.	5925.0	43.0	32.1	32.4	5.6	34.0	-	47.1	36.2	88.2	68.2	41.2	32.1	Floor noise

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

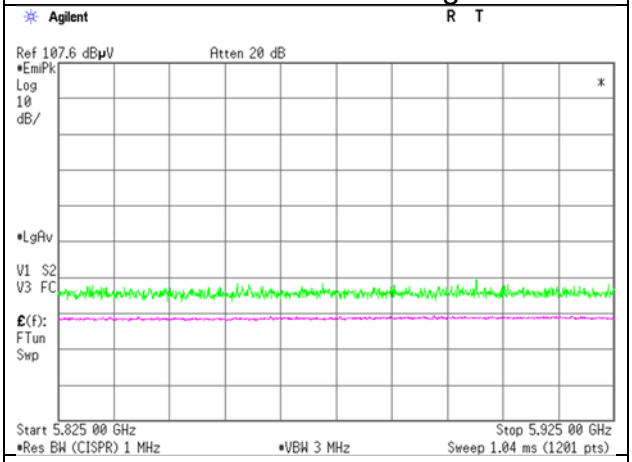
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

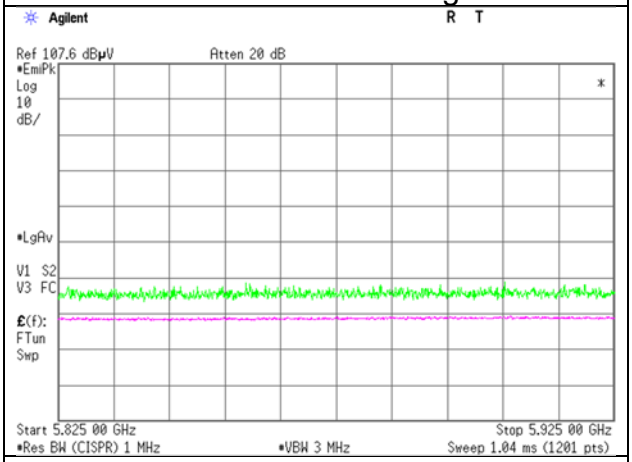
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [106-tone RU/Segment 0/Index 53] 6025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	43.5	31.5	32.4	5.6	34.0	-	47.6	35.5	88.2	68.2	40.6	32.7	Floor noise
Vert.	5925.0	42.9	32.3	32.4	5.6	34.0	0.3	46.9	36.7	88.2	68.2	41.3	31.5	*1)

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

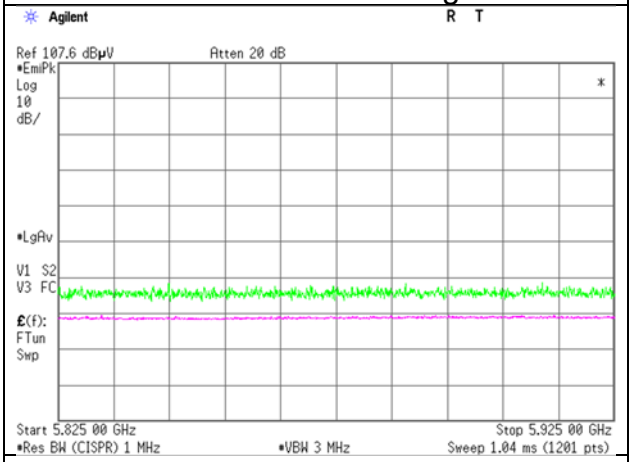
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

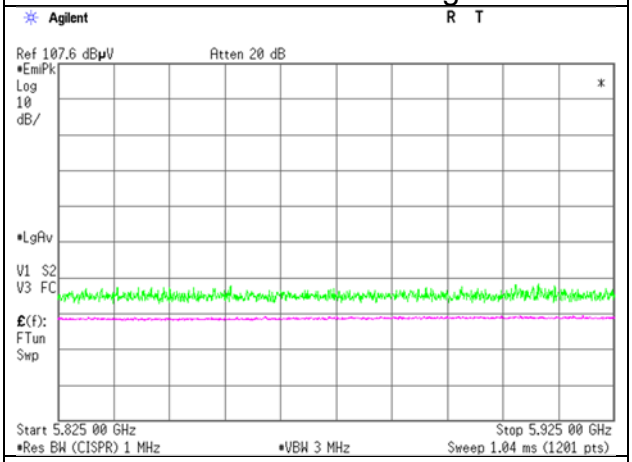
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [242-tone RU/Segment 0/Index 61] 6025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	42.5	33.9	32.4	5.6	34.0	-	46.6	37.9	88.2	68.2	41.6	30.3	Floor noise
Vert.	5925.0	43.4	34.0	32.4	5.6	34.0	-	47.4	38.1	88.2	68.2	40.8	30.2	Floor noise

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

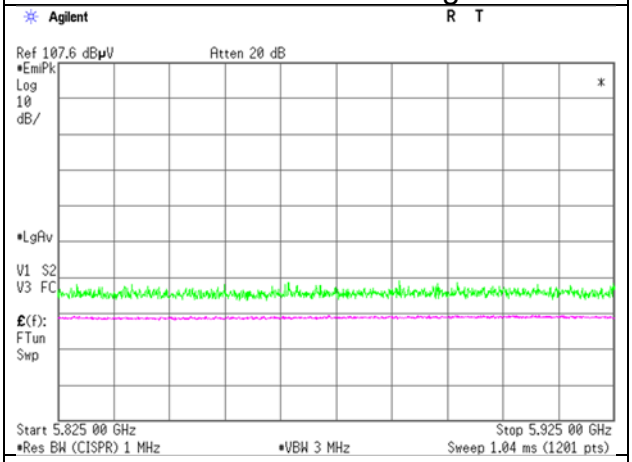
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
Mode	Tx 11be-160 [242-tone RU/Segment 0/Index 61] 6025 MHz

Horizontal

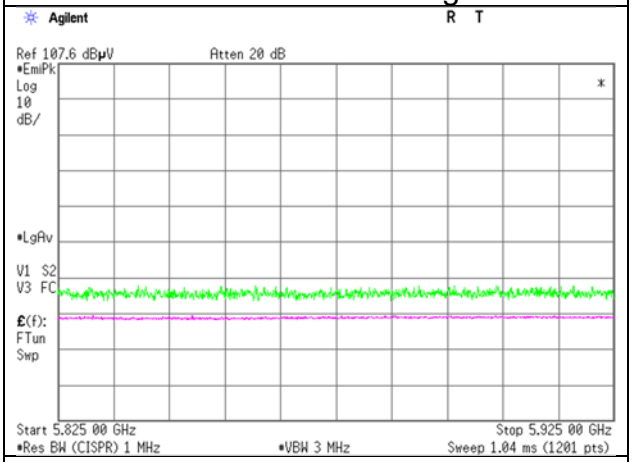
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [484-tone RU/Segment 0/Index 65] 6025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	44.8	33.4	32.4	5.6	34.0	-	48.9	37.4	88.2	68.2	39.3	30.8	Floor noise
Vert.	5925.0	43.9	33.7	32.4	5.6	34.0	-	48.0	37.7	88.2	68.2	40.2	30.5	Floor noise

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

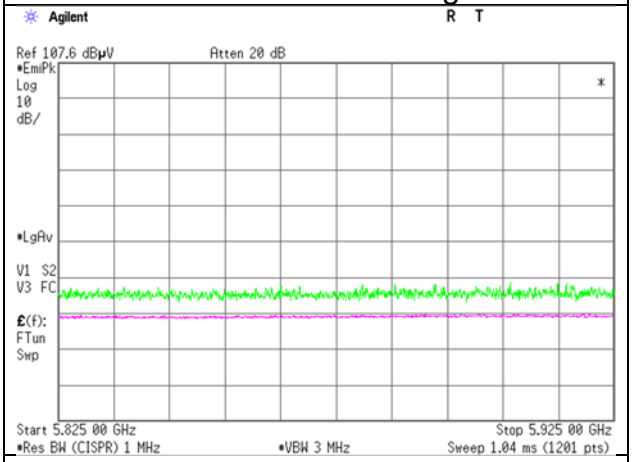
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
Mode	Tx 11be-160 [484-tone RU/Segment 0/Index 65] 6025 MHz

Horizontal

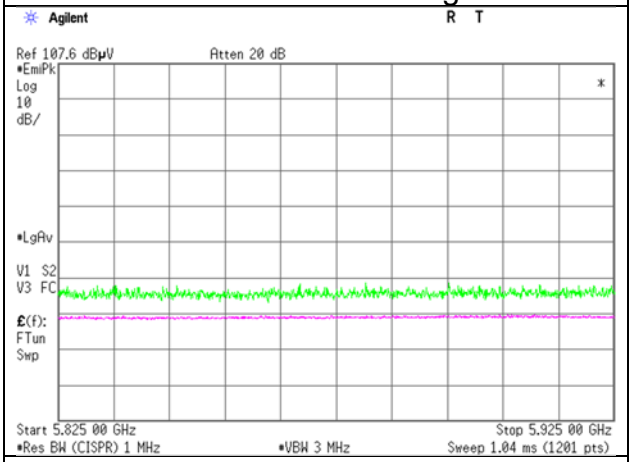
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [996-tone RU/Segment 0/Index 67] 6025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	42.8	34.2	32.4	5.6	34.0	-	46.8	38.3	88.2	68.2	41.4	29.9	Floor noise
Vert.	5925.0	43.0	33.8	32.4	5.6	34.0	-	47.0	37.9	88.2	68.2	41.2	30.3	Floor noise

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

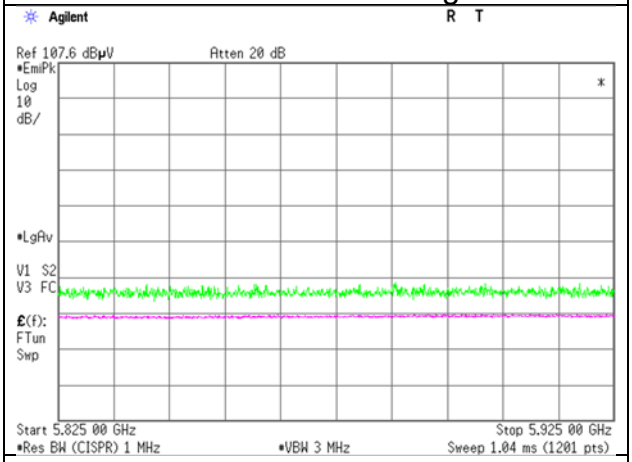
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
Mode	Tx 11be-160 [996-tone RU/Segment 0/Index 67] 6025 MHz

Horizontal

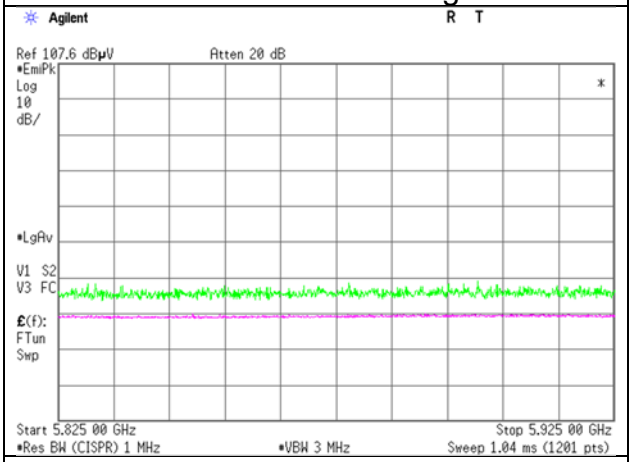
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [2x996-tone RU/Index 68] 6025 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5925.0	43.3	34.4	32.4	5.6	34.0	-	47.4	38.4	88.2	68.2	40.8	29.8	Floor noise
Vert.	5925.0	42.8	34.8	32.4	5.6	34.0	-	46.8	38.9	88.2	68.2	41.4	29.3	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.

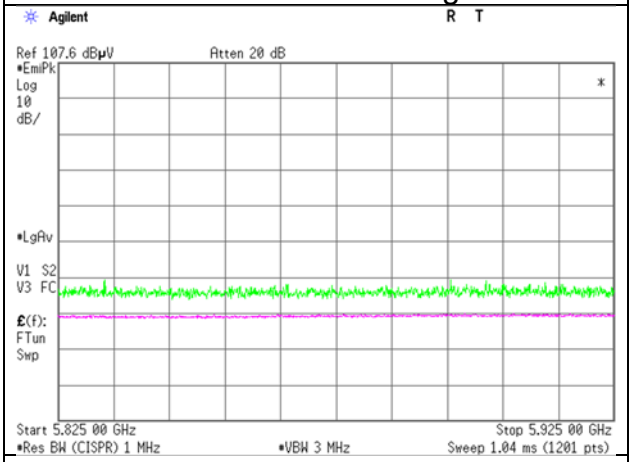
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	21 deg. C / 41 % RH
Engineer	Ken Fujita
Mode	Tx 11be-160 [2x996-tone RU/Index 68] 6025 MHz

Horizontal

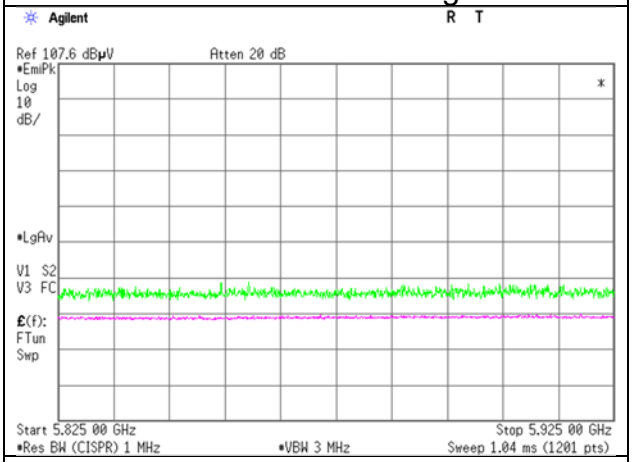
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

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

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	43.6	33.6	35.5	6.0	34.0	-	51.2	41.1	88.2	68.2	37.0	27.1	Floor noise
Vert.	7125.0	43.9	33.6	35.5	6.0	34.0	-	51.5	41.2	88.2	68.2	36.7	27.1	Floor noise

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

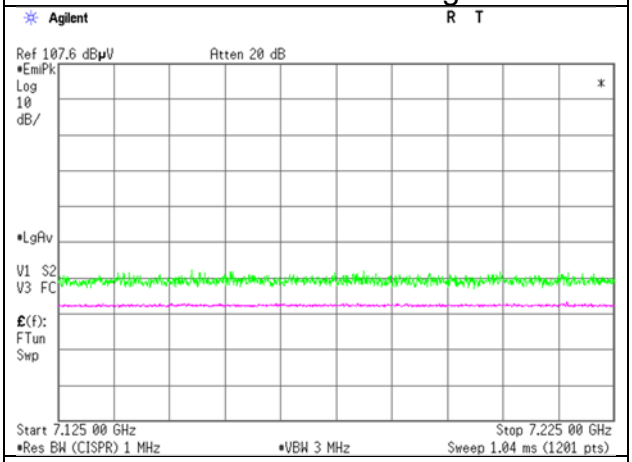
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

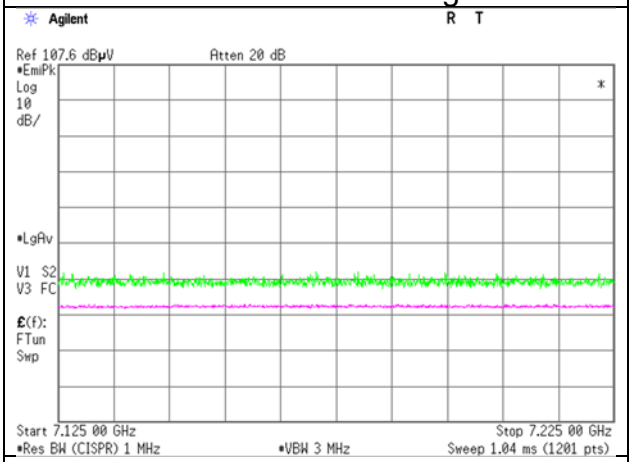
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [52-tone RU/Segment 1/Index 52] 6985 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	43.6	33.6	35.5	6.0	34.0	-	51.1	41.1	88.2	68.2	37.1	27.1	Floor noise
Vert.	7125.0	43.6	33.6	35.5	6.0	34.0	-	51.2	41.2	88.2	68.2	37.0	27.0	Floor noise

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

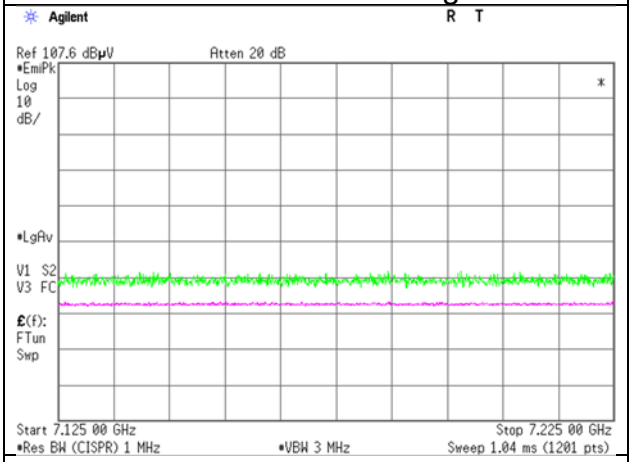
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

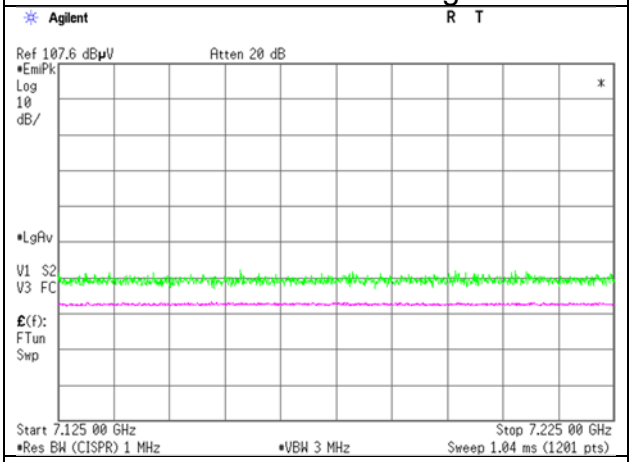
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [106-tone RU/Segment 1/Index 60] 6985 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	44.0	33.6	35.5	6.0	34.0	-	51.5	41.1	88.2	68.2	36.7	27.1	Floor noise
Vert.	7125.0	44.0	33.6	35.5	6.0	34.0	-	51.5	41.2	88.2	68.2	36.7	27.0	Floor noise

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

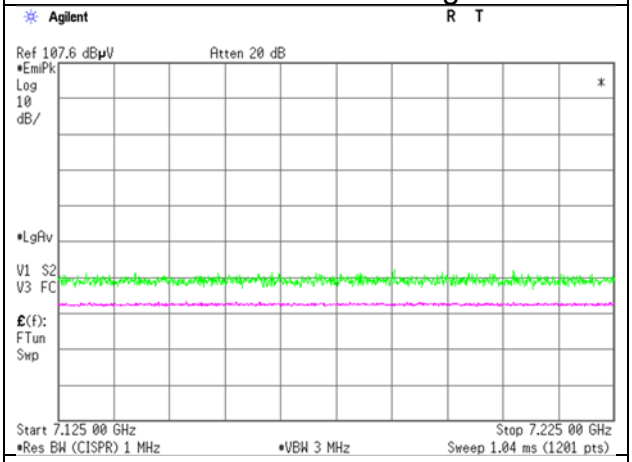
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

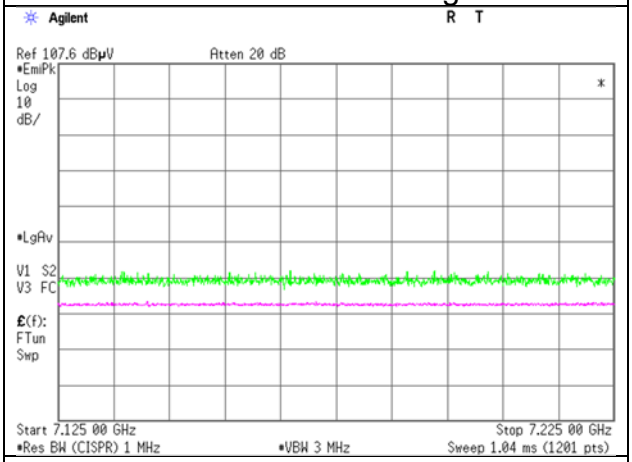
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [242-tone RU/Segment 1/Index 64] 6985 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	44.0	33.6	35.5	6.0	34.0	-	51.5	41.2	88.2	68.2	36.7	27.0	Floor noise
Vert.	7125.0	43.7	33.6	35.5	6.0	34.0	-	51.2	41.2	88.2	68.2	37.0	27.0	Floor noise

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

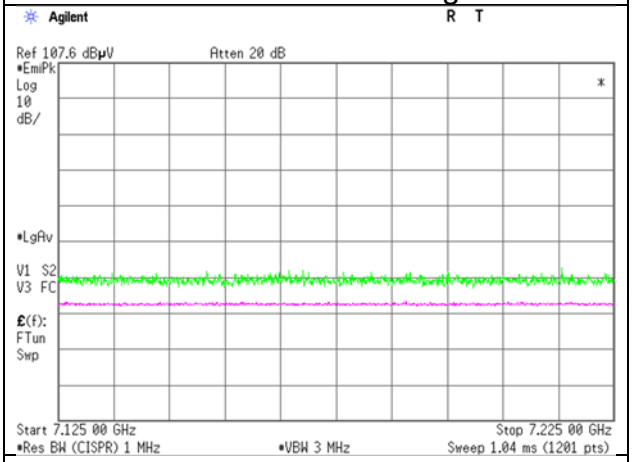
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

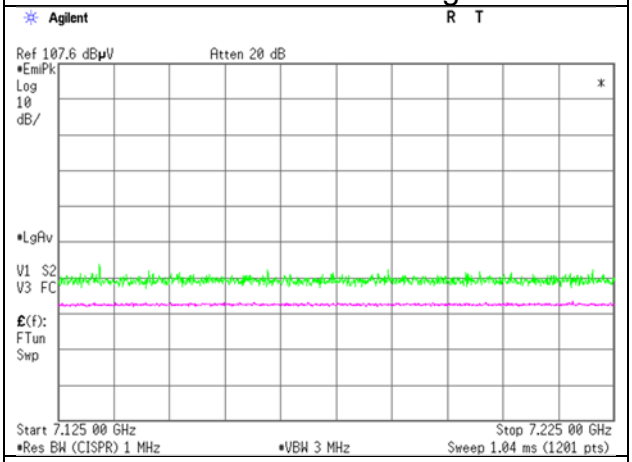
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [484-tone RU/Segment 1/Index 66] 6985 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	44.4	33.6	35.5	6.0	34.0	-	52.0	41.2	88.2	68.2	36.2	27.0	Floor noise
Vert.	7125.0	43.7	33.7	35.5	6.0	34.0	-	51.2	41.2	88.2	68.2	37.0	27.0	Floor noise

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

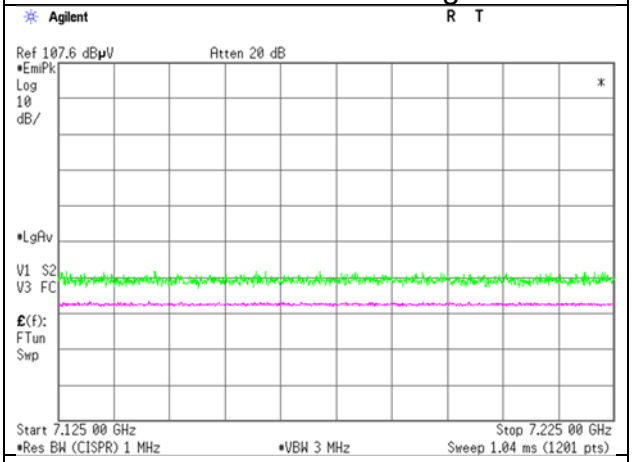
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-160 [484-tone RU/Segment 1/Index 66] 6985 MHz

Horizontal

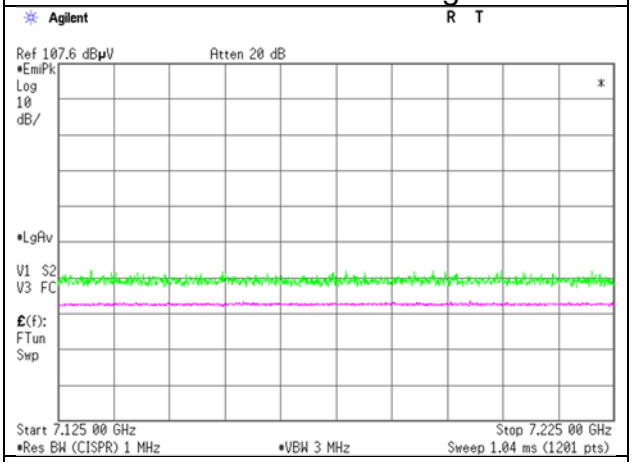
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [996-tone RU/Segment 1/Index 67] 6985 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	43.9	33.7	35.5	6.0	34.0	-	51.4	41.2	88.2	68.2	36.8	27.0	Floor noise
Vert.	7125.0	43.6	33.7	35.5	6.0	34.0	-	51.1	41.2	88.2	68.2	37.1	27.0	Floor noise

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

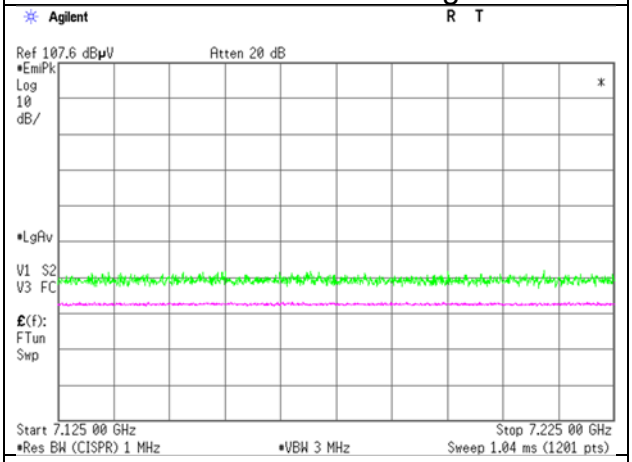
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

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

Horizontal

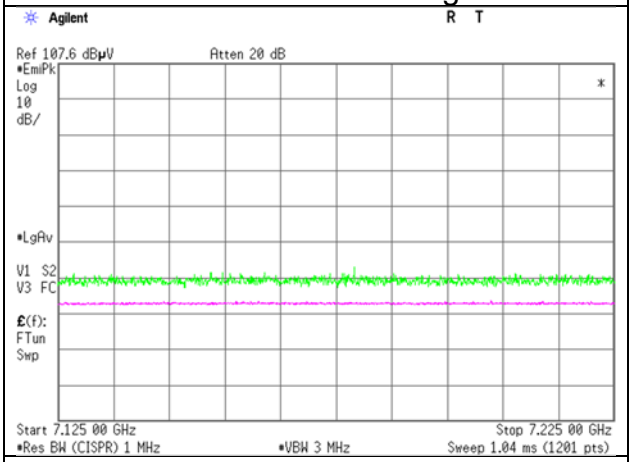
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-160 [2x996-tone RU/Index 68] 6985 MHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	7125.0	44.4	34.0	35.5	6.0	34.0	-	51.9	41.5	88.2	68.2	36.3	26.7	Floor noise
Vert.	7125.0	44.1	33.8	35.5	6.0	34.0	-	51.6	41.4	88.2	68.2	36.6	26.8	Floor noise

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

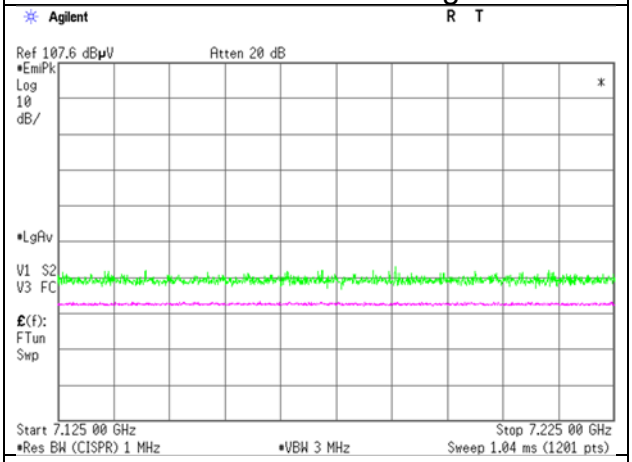
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 5, 2024
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Daiki Matsui
Mode	Tx 11be-160 [2x996-tone RU/Index 68] 6985 MHz

Horizontal

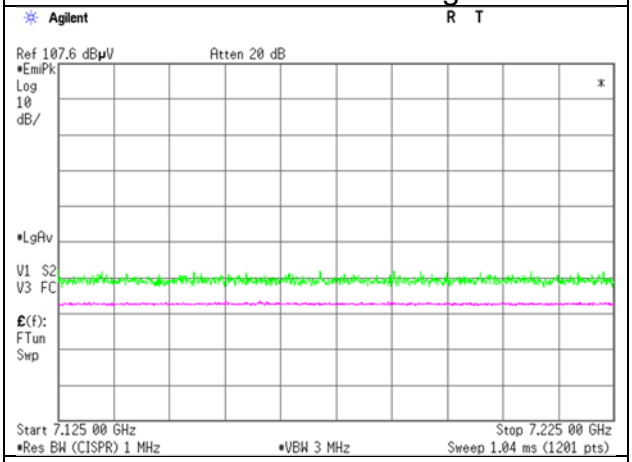
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

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

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

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

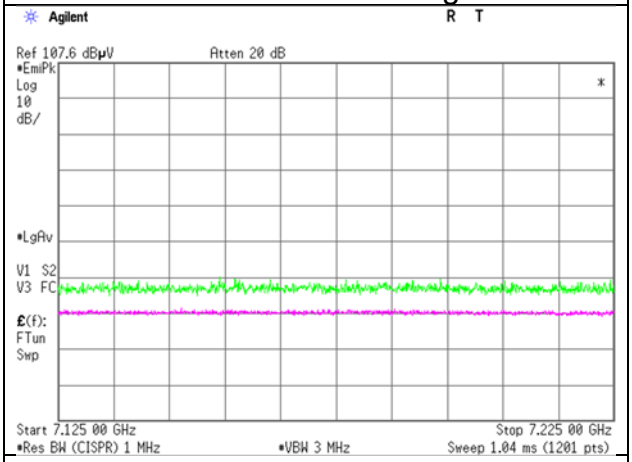
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

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

Horizontal

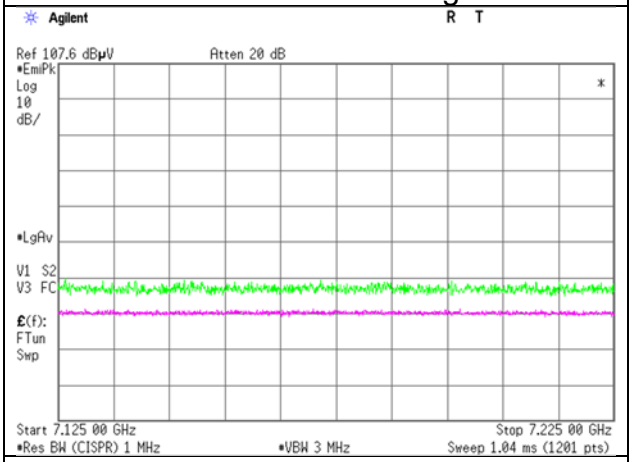
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



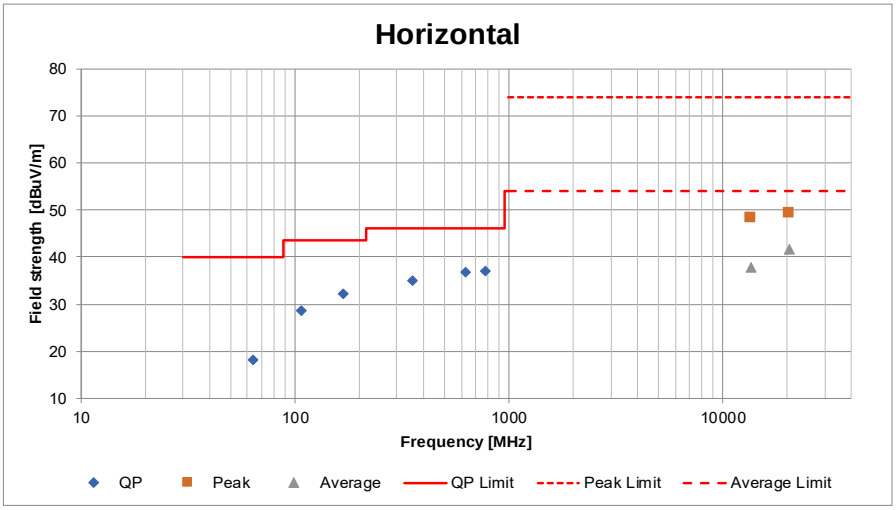
Trace Green: Peak Plot
Trace Purple: Average Plot

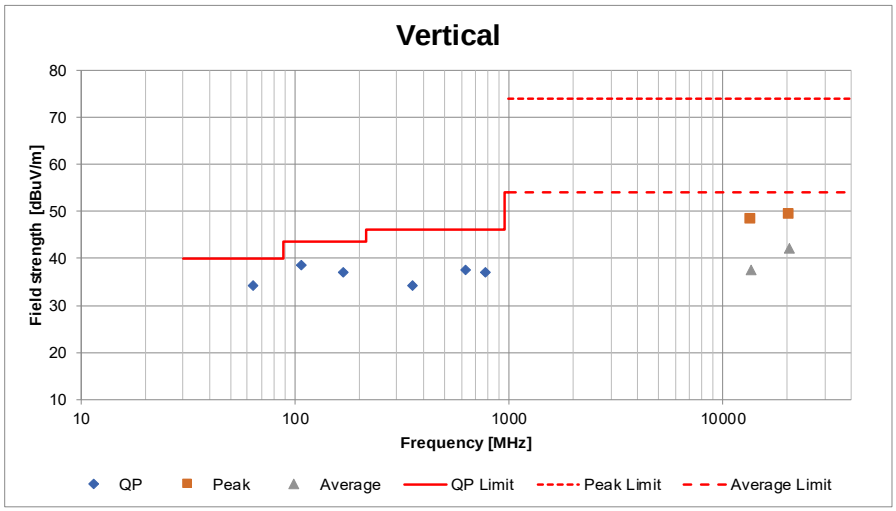
* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

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

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

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



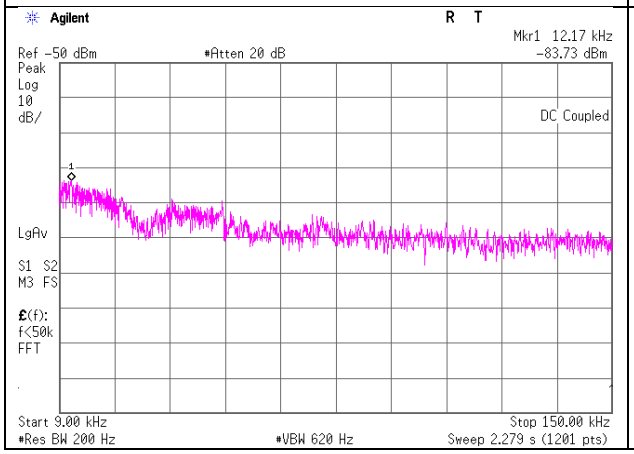


*These plots data contains sufficient number to show the trend of characteristic features for EUT.

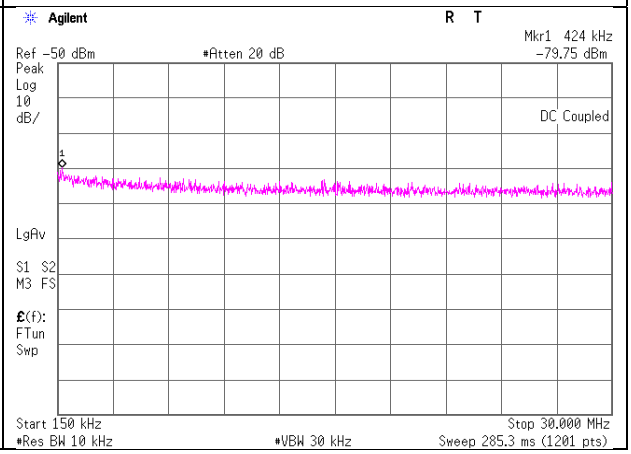
Conducted Spurious Emission

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

9 kHz to 150 kHz



150 kHz to 30 MHz



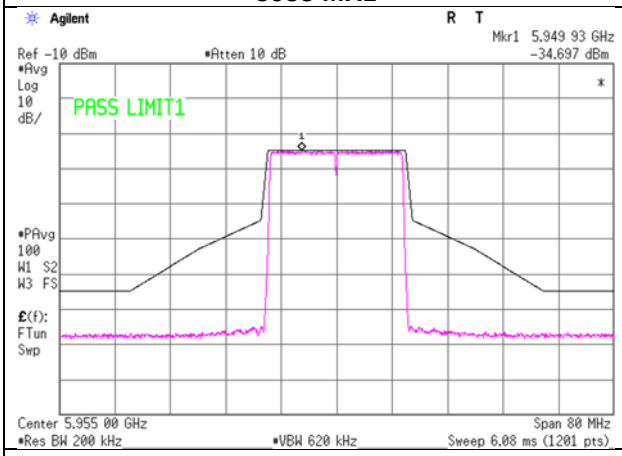
Frequency [kHz]	Reading [dBm]	Cable Loss [dB]	Attenuator [dB]	Antenna Gain [dBi]	N (Number of Output)	EIRP [dBm]	Distance [m]	Ground bounce [dB]	E (field strength) [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12.17	-83.7	0.90	9.8	9.66	2	-60.3	300	6.0	0.9	45.8	44.9
424.00	-79.8	0.90	9.8	9.66	2	-56.3	300	6.0	4.9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

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

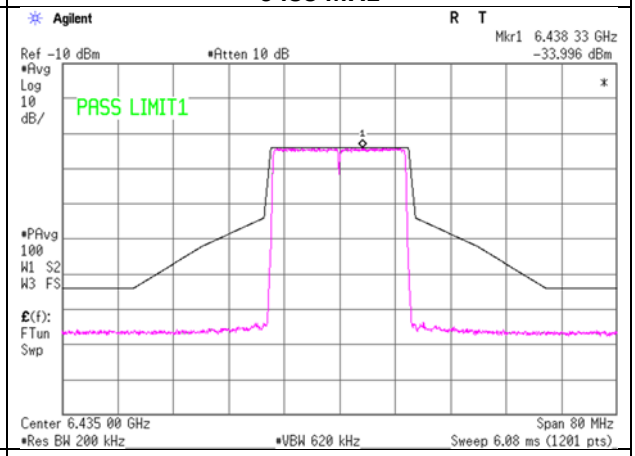
In-Band Emissions

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

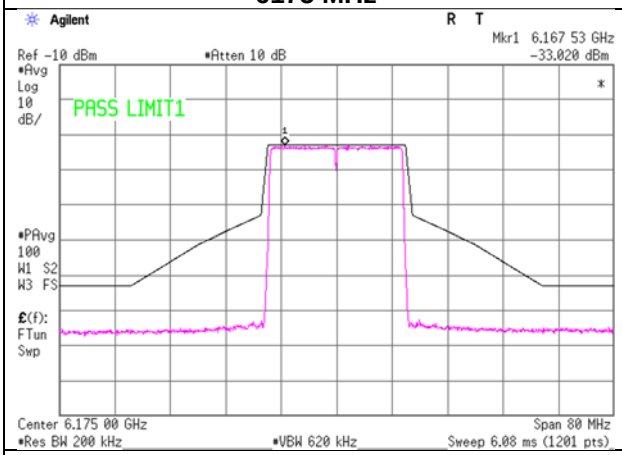
5955 MHz



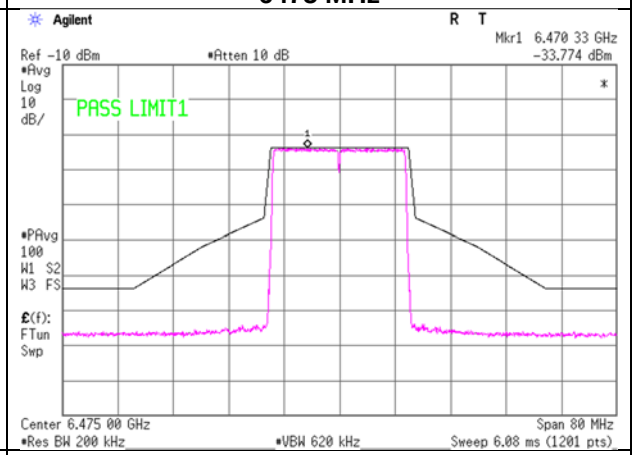
6435 MHz



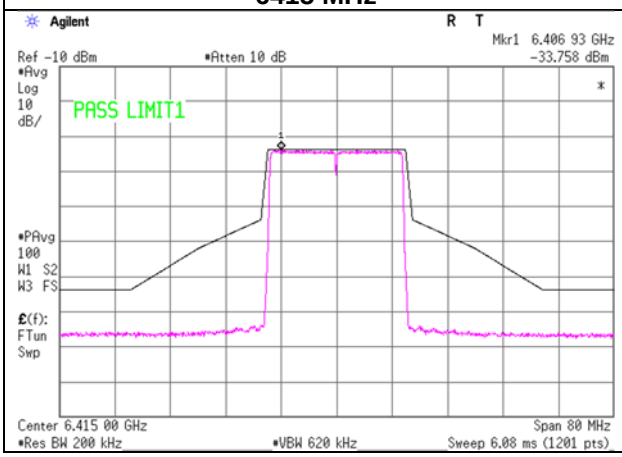
6175 MHz



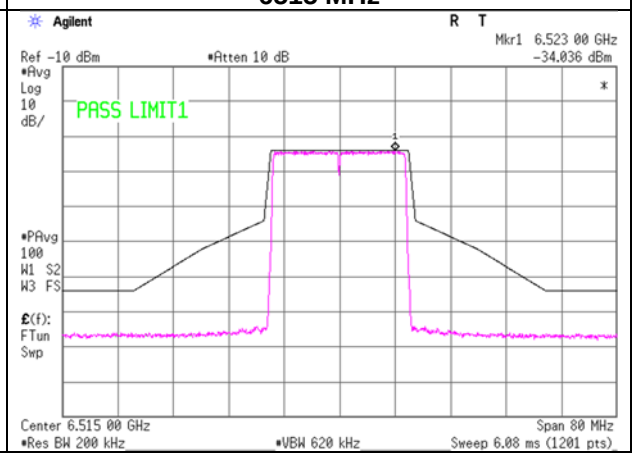
6475 MHz



6415 MHz



6515 MHz

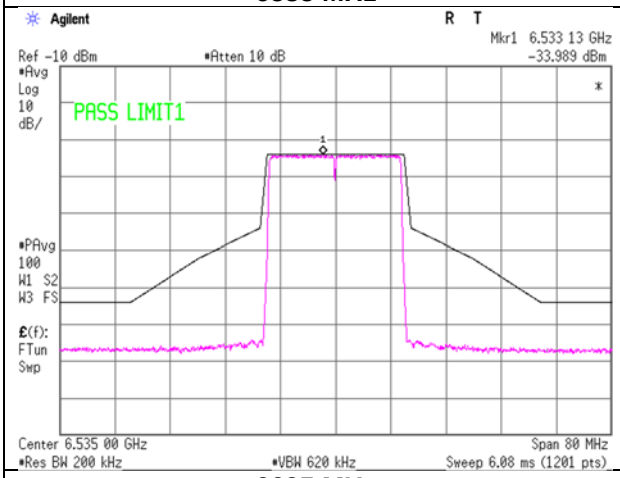


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

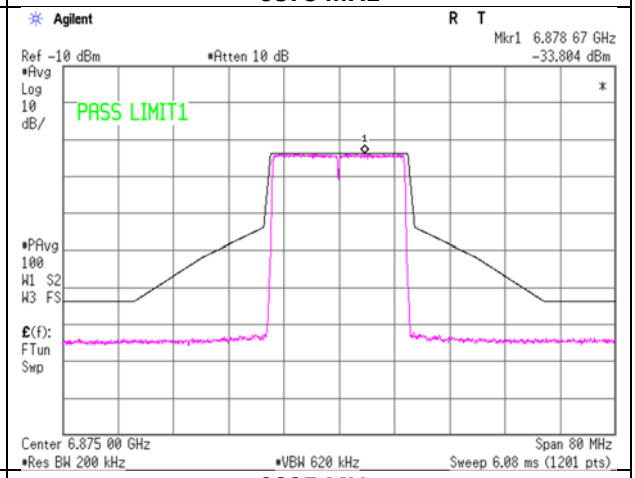
In-Band Emissions

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

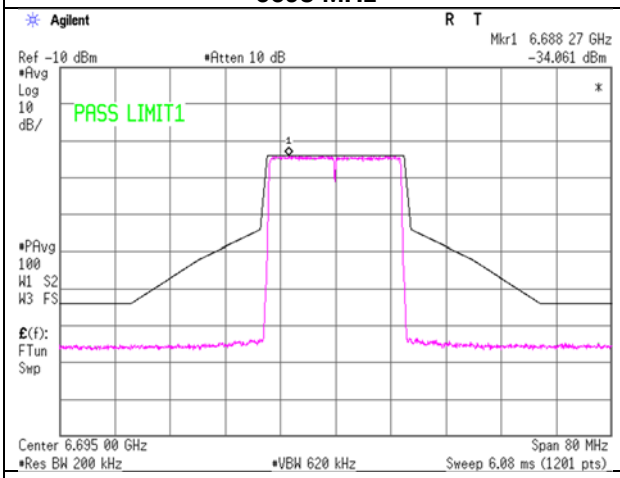
6535 MHz



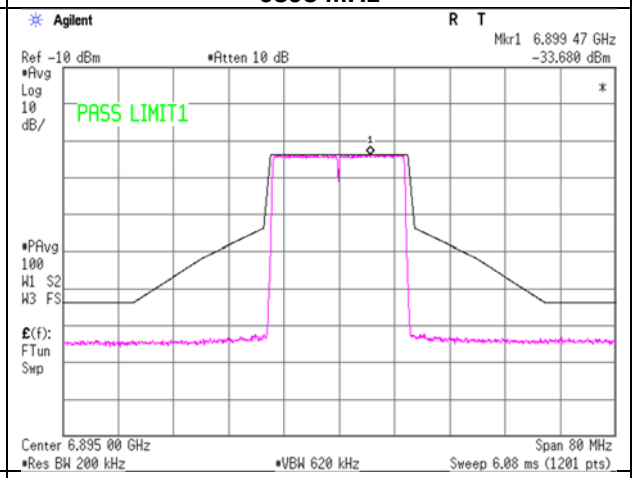
6875 MHz



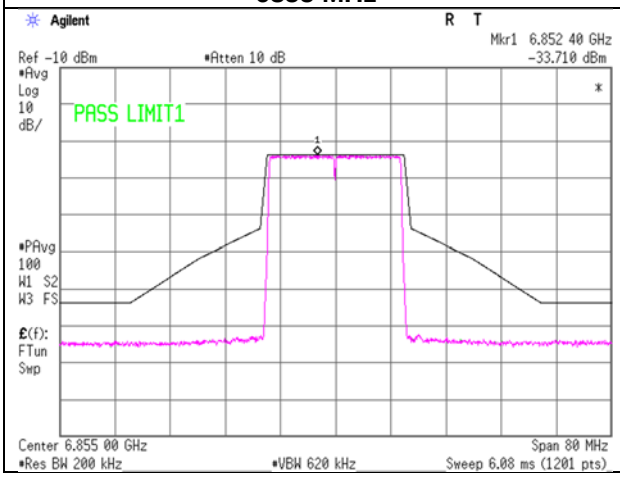
6695 MHz



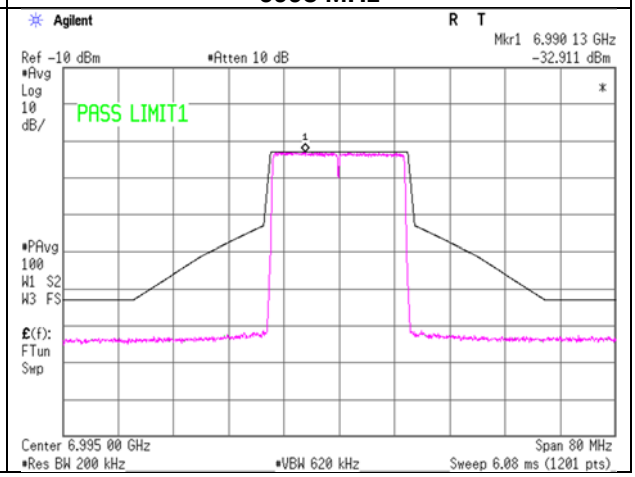
6895 MHz



6855 MHz



6995 MHz

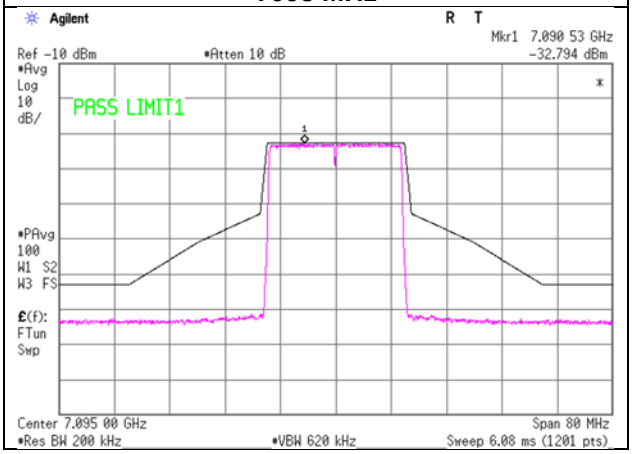


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

7095 MHz

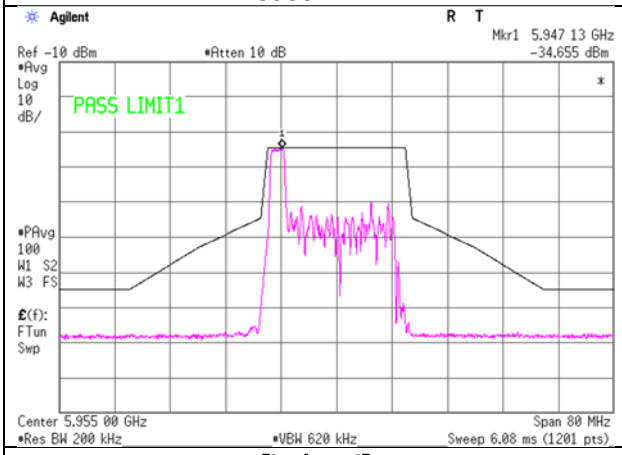


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

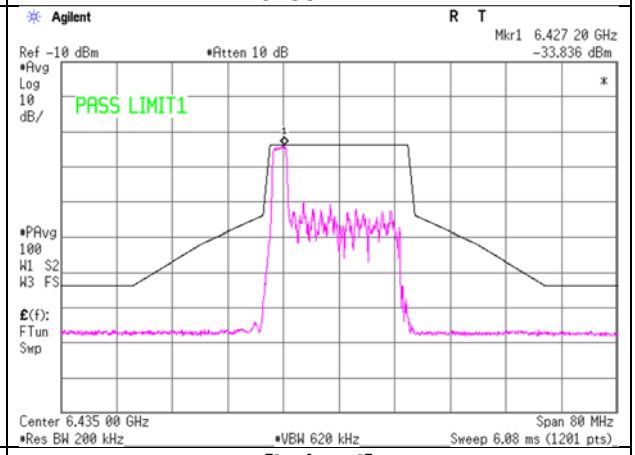
In-Band Emissions

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

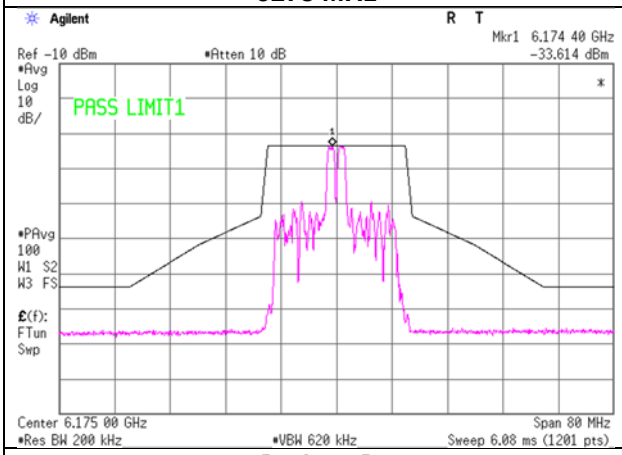
[Index 0]
5955 MHz



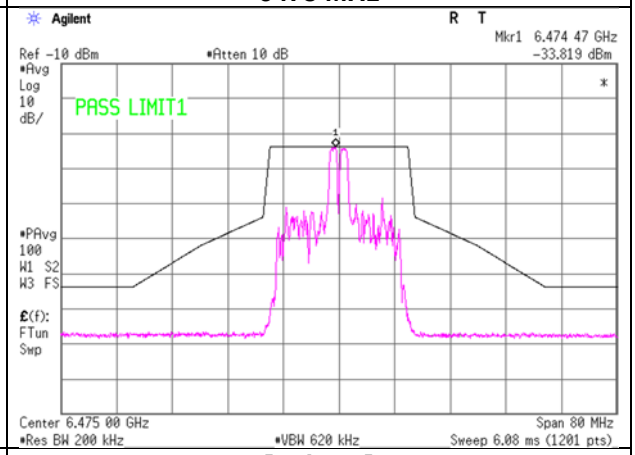
[Index 0]
6435 MHz



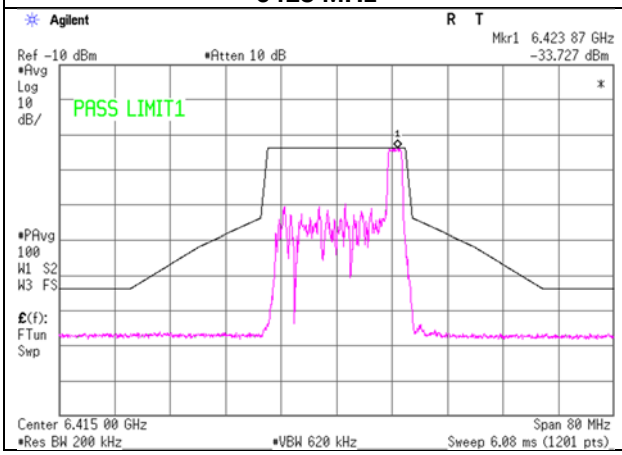
[Index 4]
6175 MHz



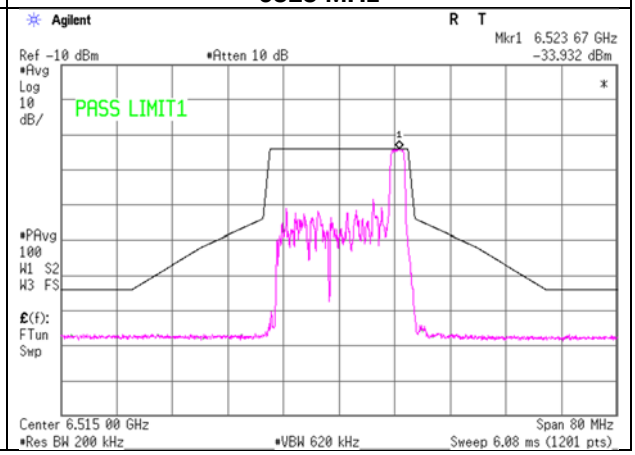
[Index 4]
6475 MHz



[Index 8]
6415 MHz



[Index 8]
6515 MHz

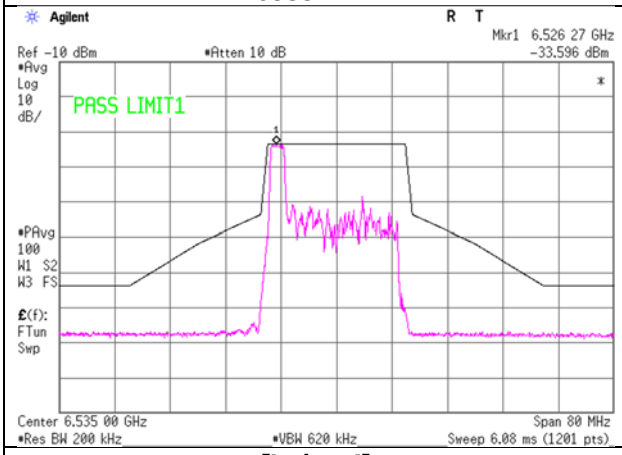


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

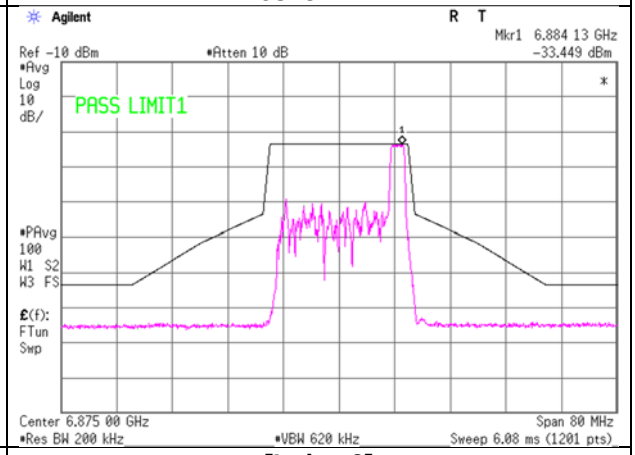
In-Band Emissions

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

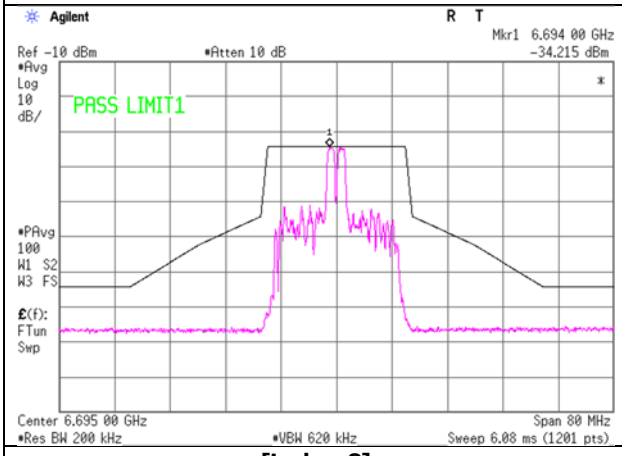
[Index 0]
6535 MHz



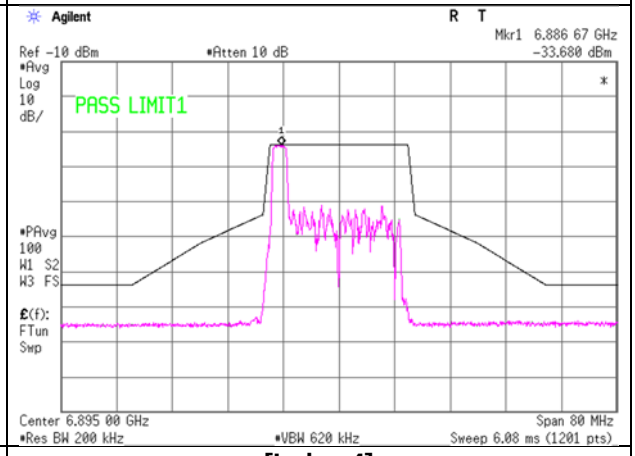
[Index 8]
6875 MHz



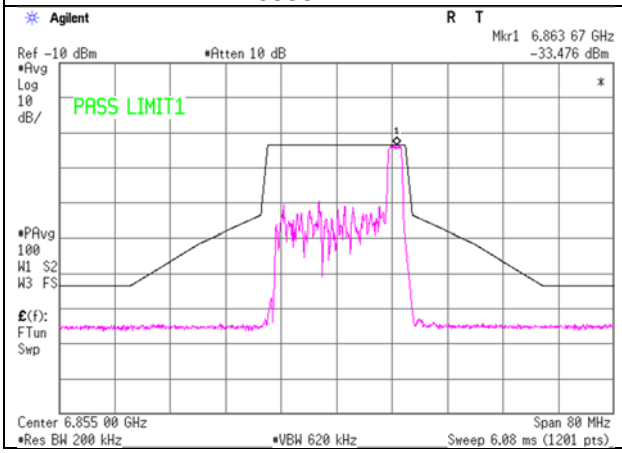
[Index 4]
6695 MHz



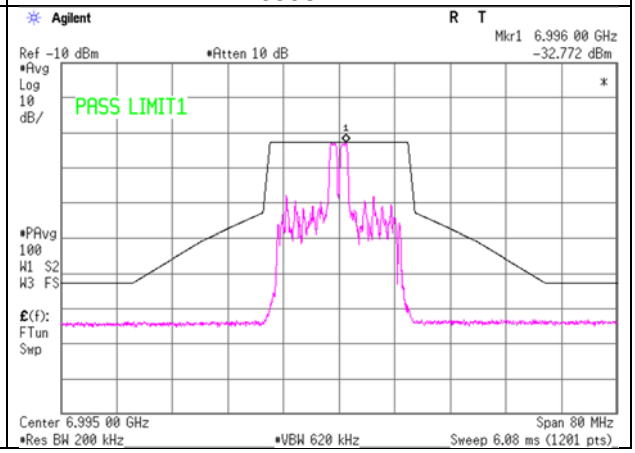
[Index 0]
6895 MHz



[Index 8]
6855 MHz



[Index 4]
6995 MHz

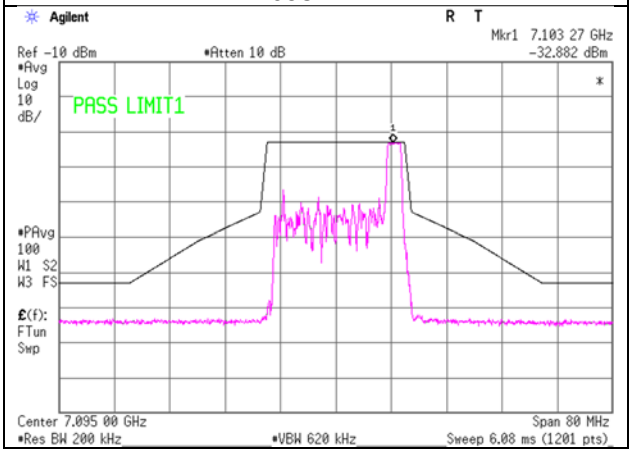


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

[Index 8]
7095 MHz

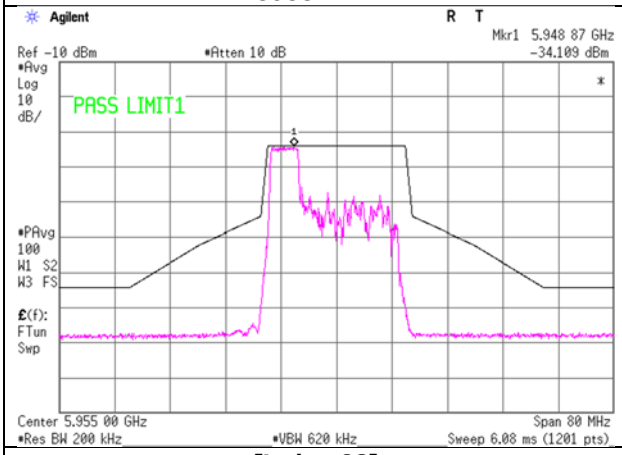


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

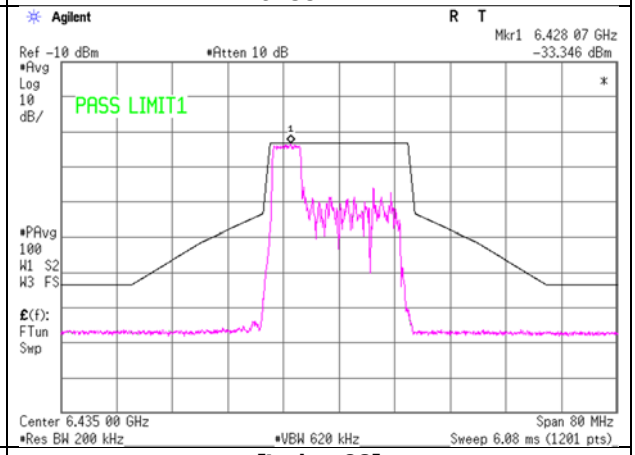
In-Band Emissions

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

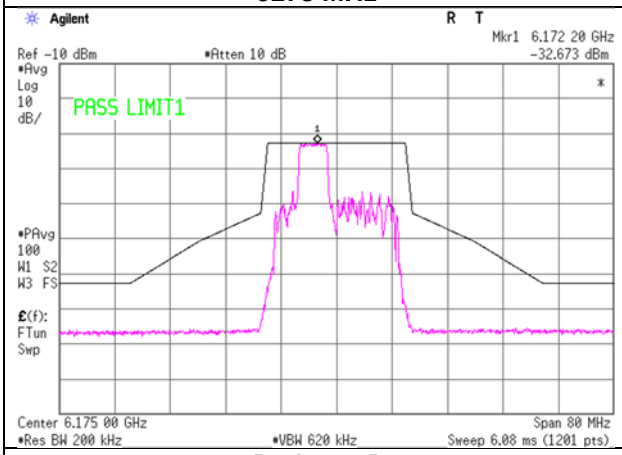
[Index 37]
5955 MHz



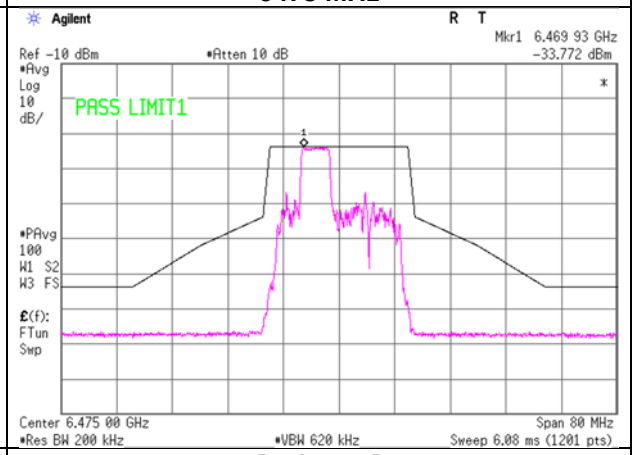
[Index 37]
6435 MHz



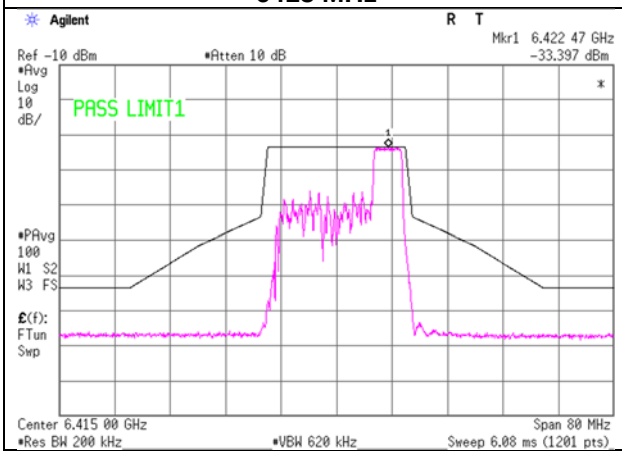
[Index 38]
6175 MHz



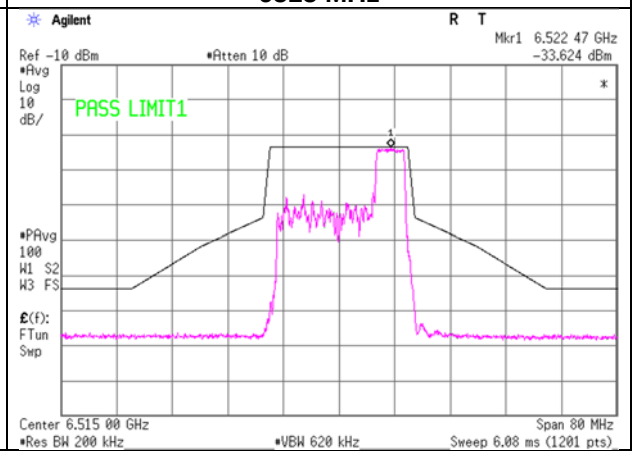
[Index 38]
6475 MHz



[Index 40]
6415 MHz



[Index 40]
6515 MHz

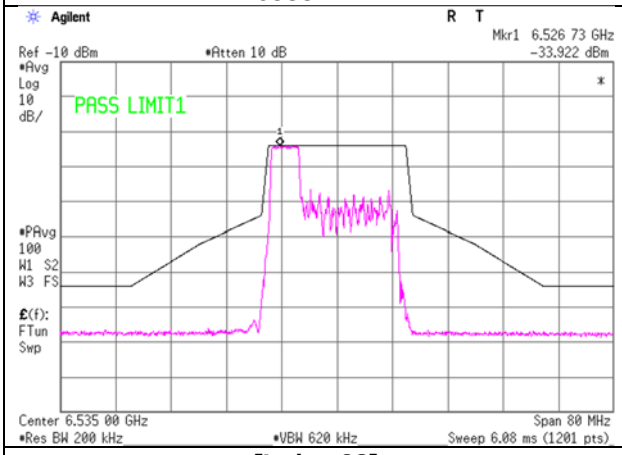


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

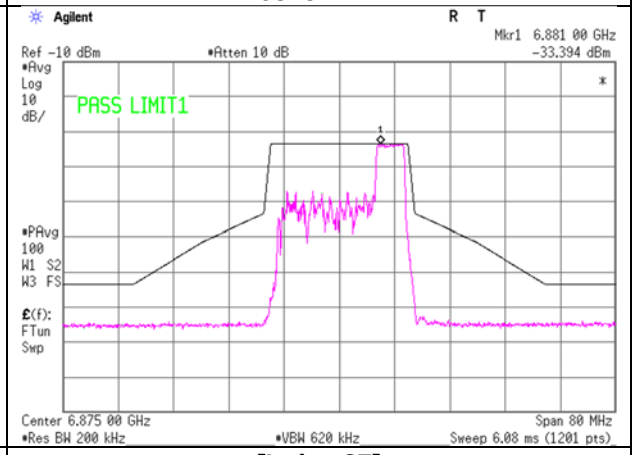
In-Band Emissions

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

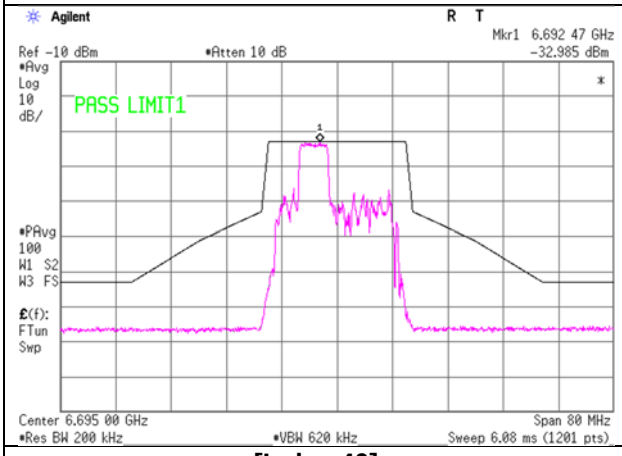
[Index 37]
6535 MHz



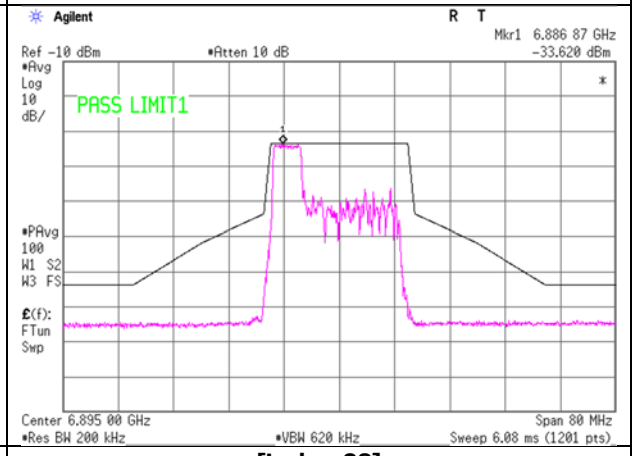
[Index 40]
6875 MHz



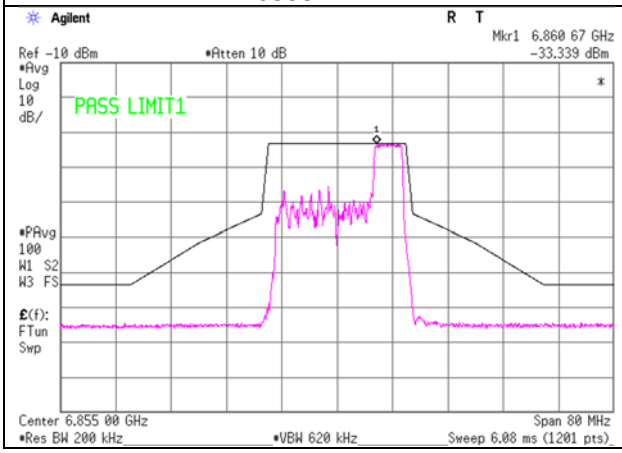
[Index 38]
6695 MHz



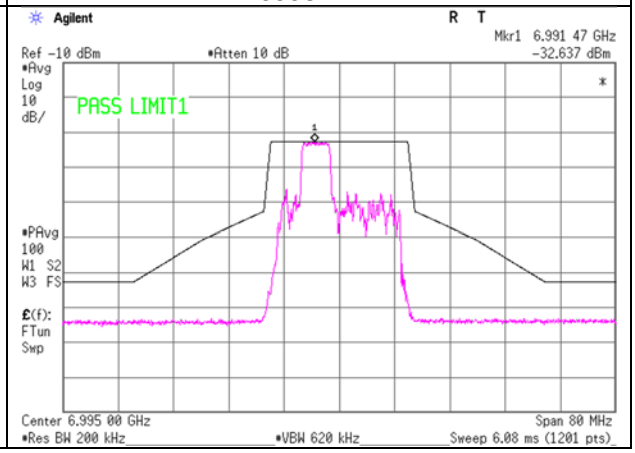
[Index 37]
6895 MHz



[Index 40]
6855 MHz



[Index 38]
6995 MHz

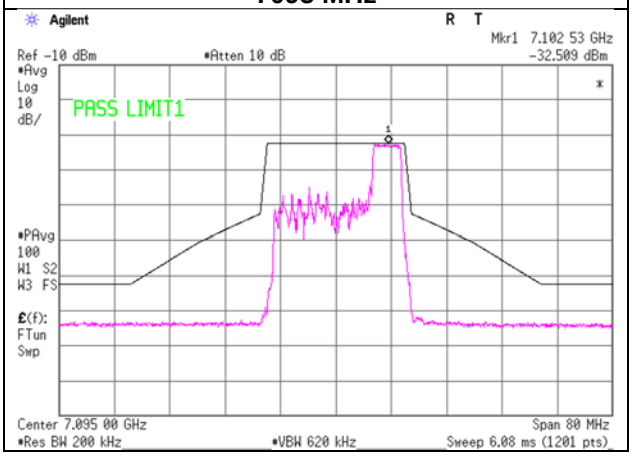


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

[Index 40]
7095 MHz

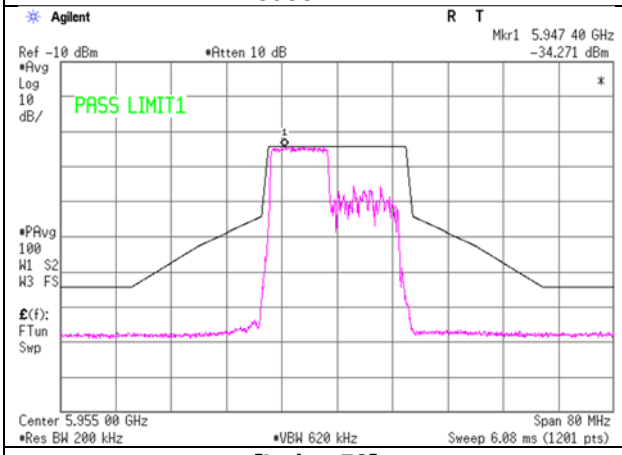


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

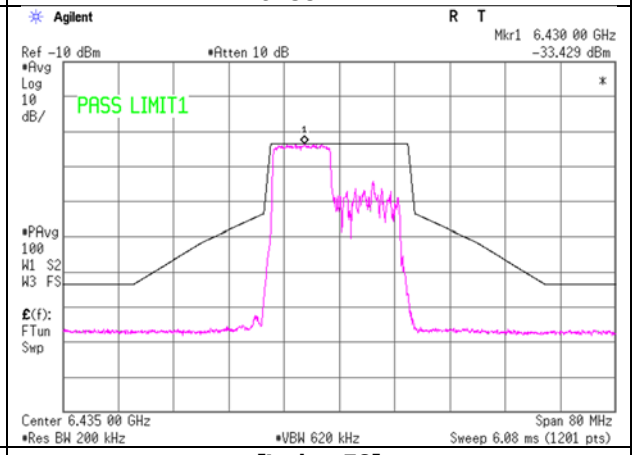
In-Band Emissions

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

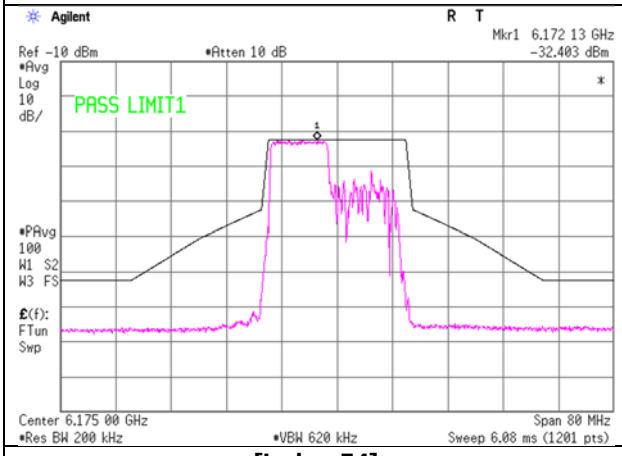
[Index 53]
5955 MHz



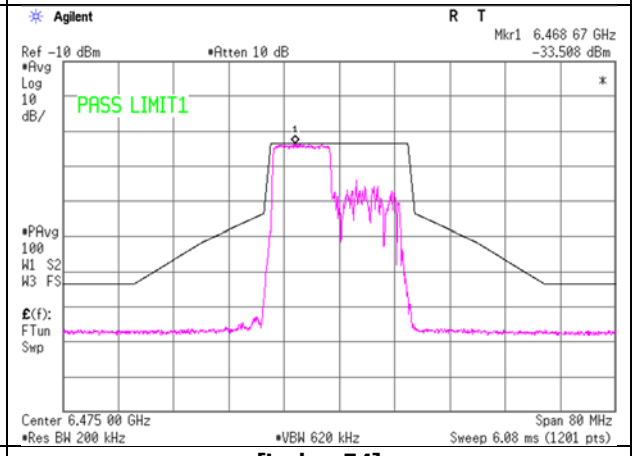
[Index 53]
6435 MHz



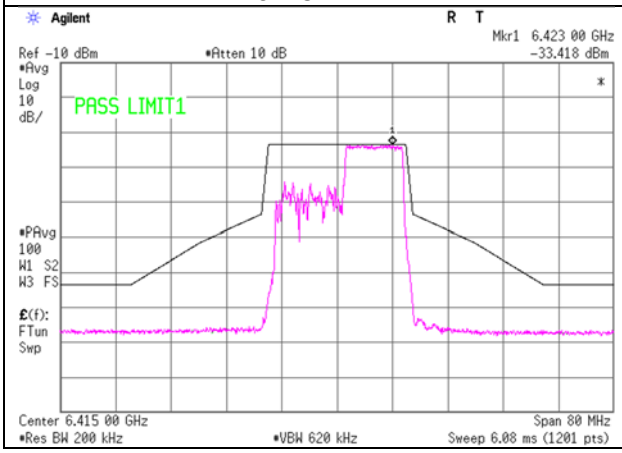
[Index 53]
6175 MHz



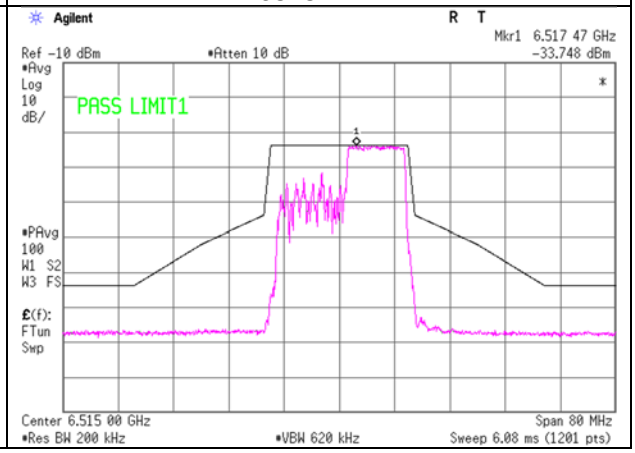
[Index 53]
6475 MHz



[Index 54]
6415 MHz



[Index 54]
6515 MHz

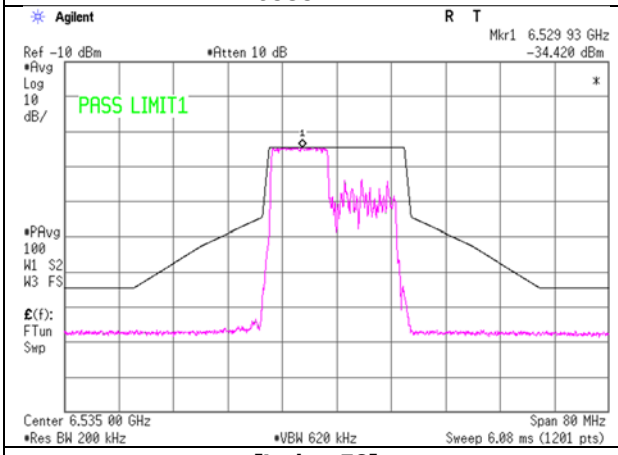


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

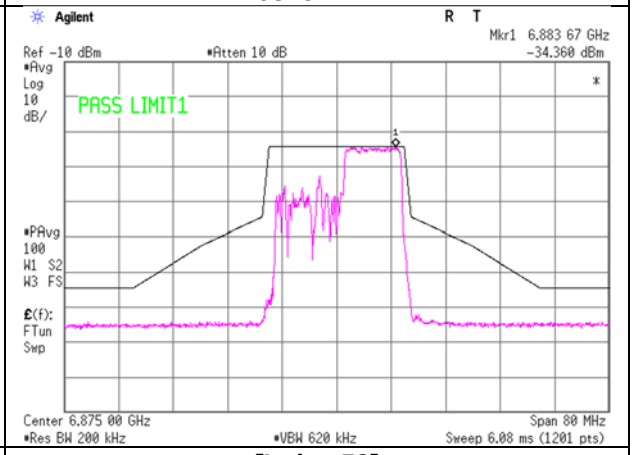
In-Band Emissions

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

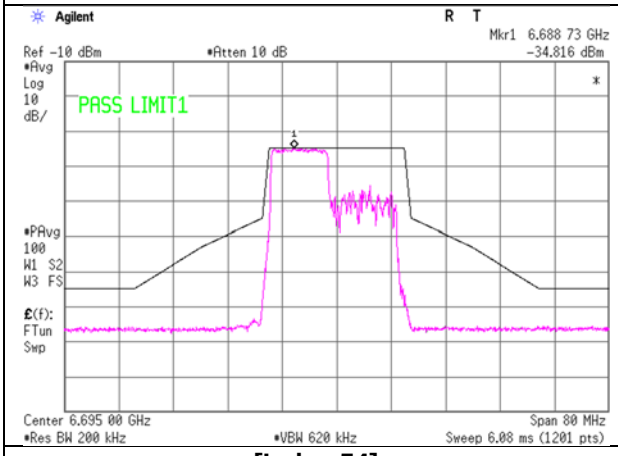
[Index 53]
6535 MHz



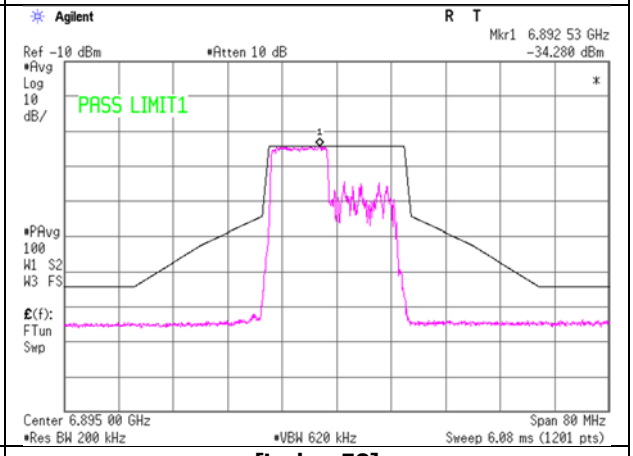
[Index 54]
6875 MHz



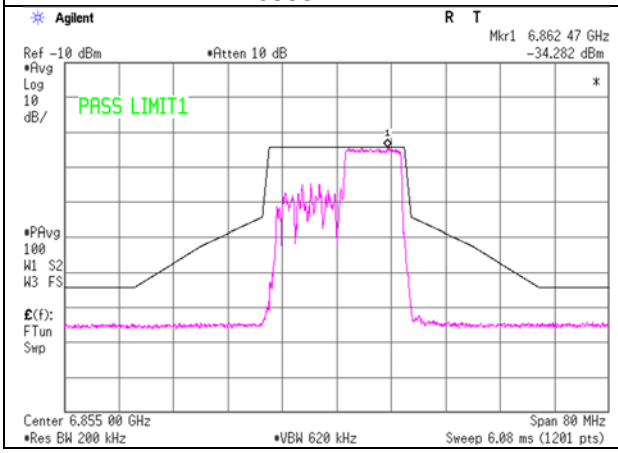
[Index 53]
6695 MHz



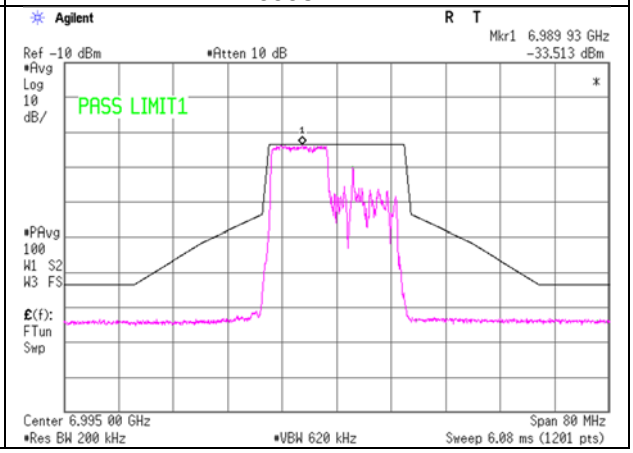
[Index 53]
6895 MHz



[Index 54]
6855 MHz



[Index 53]
6995 MHz

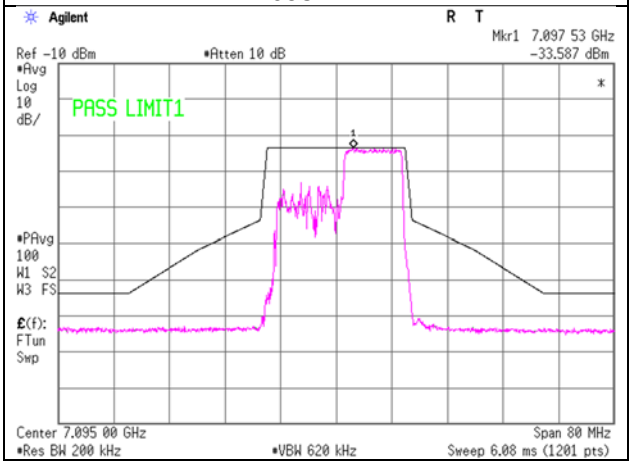


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

[Index 54]
7095 MHz

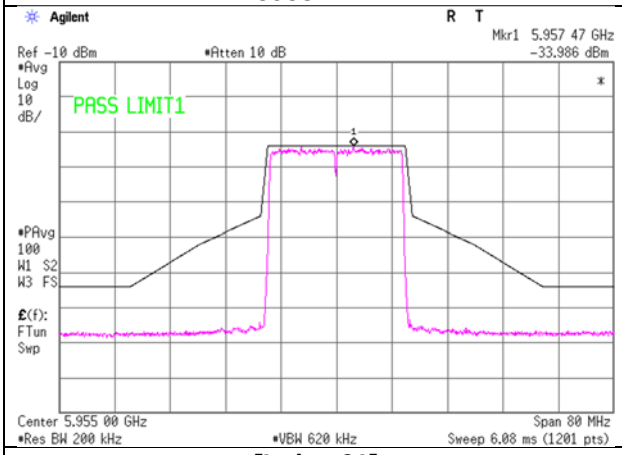


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

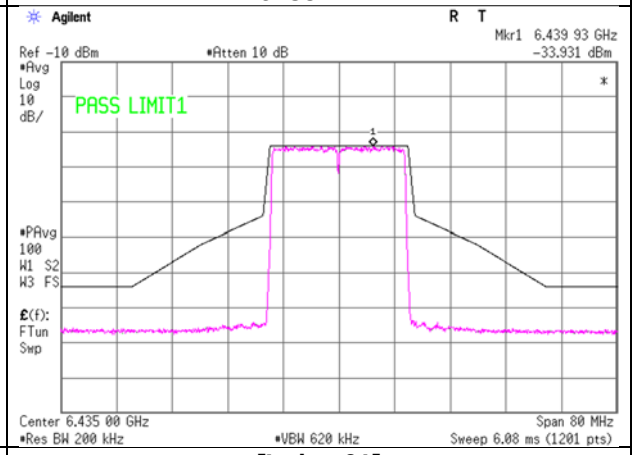
In-Band Emissions

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

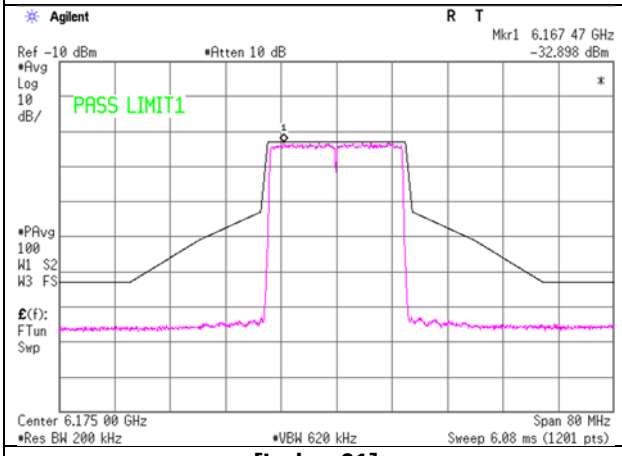
[Index 61]
5955 MHz



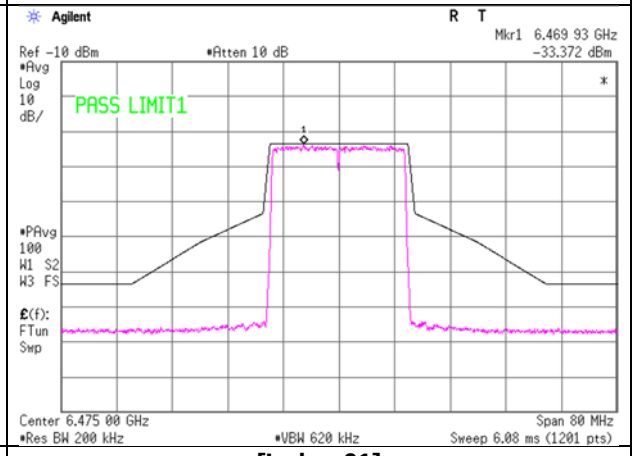
[Index 61]
6435 MHz



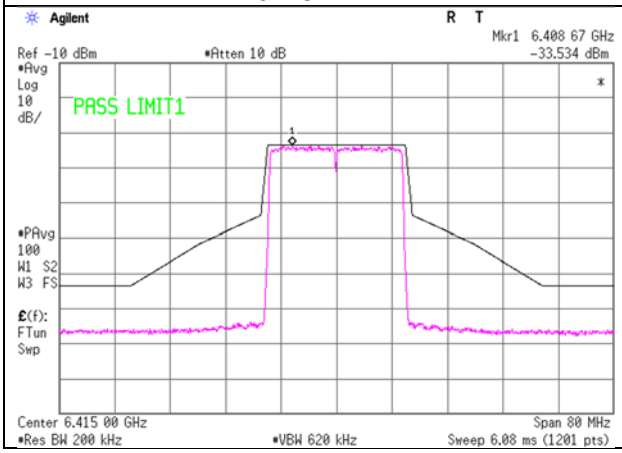
[Index 61]
6175 MHz



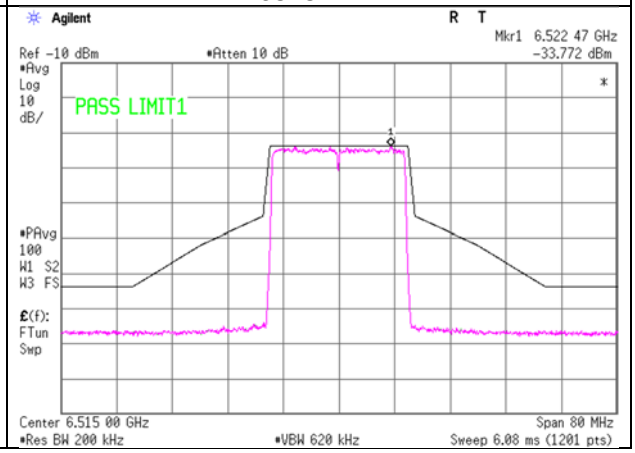
[Index 61]
6475 MHz



[Index 61]
6415 MHz



[Index 61]
6515 MHz

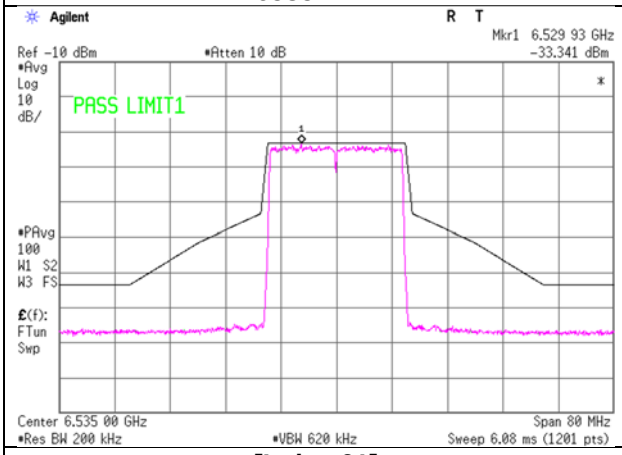


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

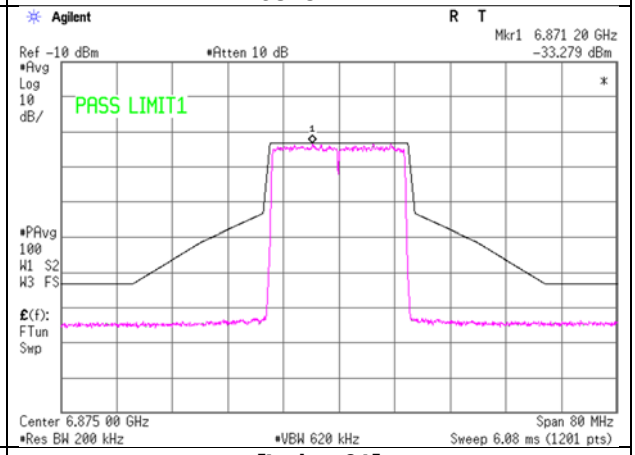
In-Band Emissions

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

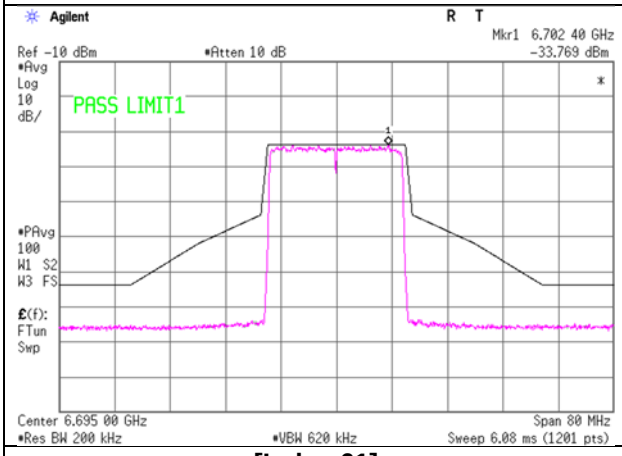
[Index 61]
6535 MHz



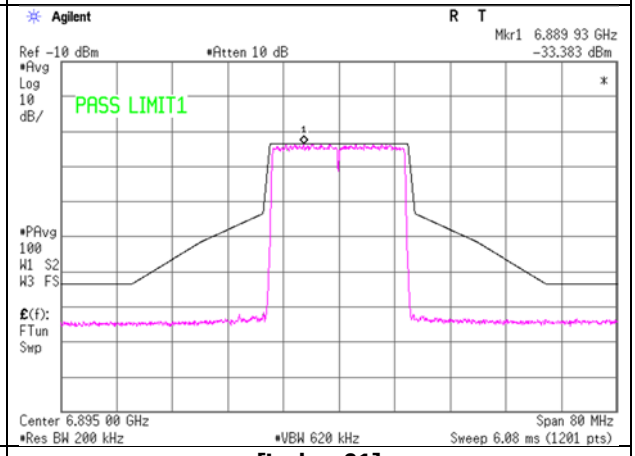
[Index 61]
6875 MHz



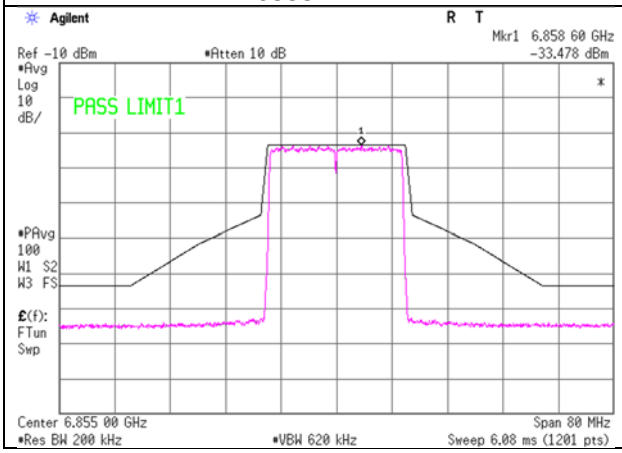
[Index 61]
6695 MHz



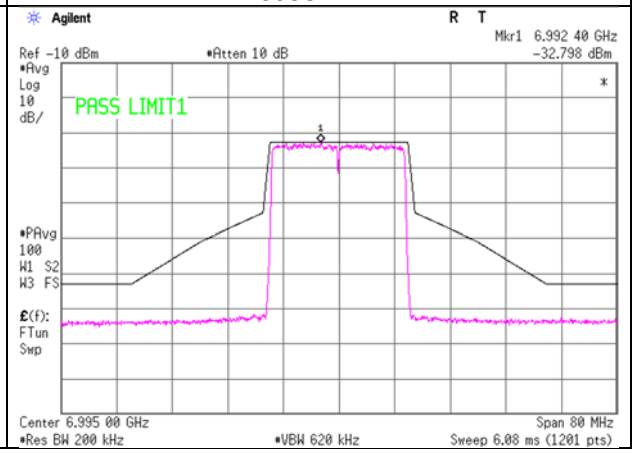
[Index 61]
6895 MHz



[Index 61]
6855 MHz



[Index 61]
6995 MHz

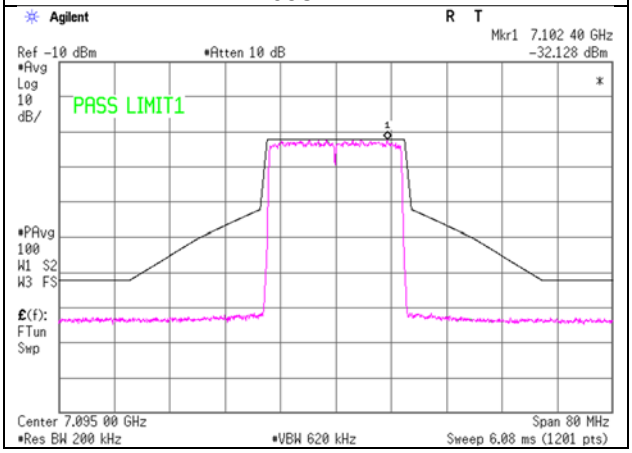


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

[Index 61]
7095 MHz

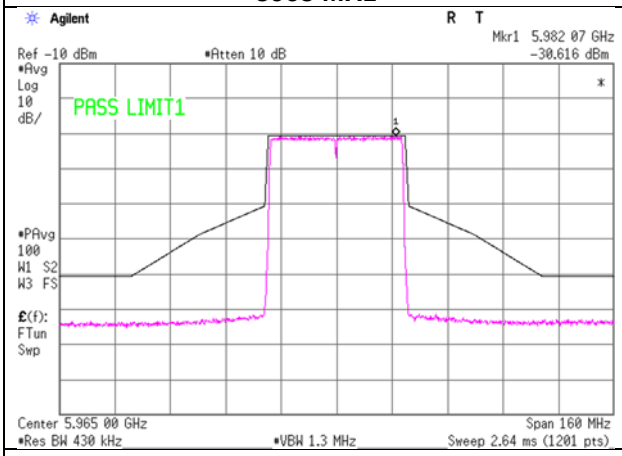


* 26 dB Emission Bandwidth was set to 19.8 MHz when In-Band Emissions measurement was performed.

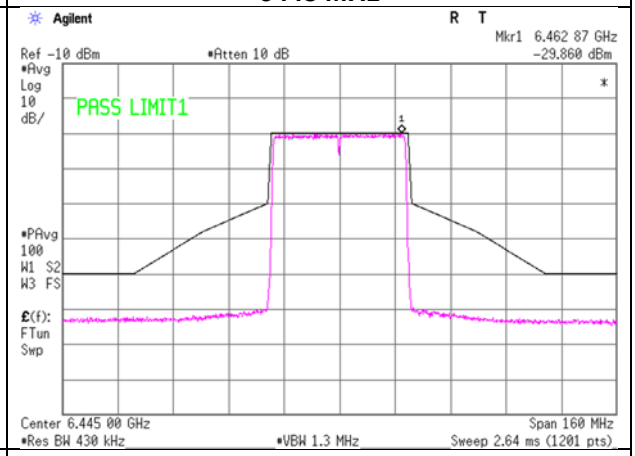
In-Band Emissions

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

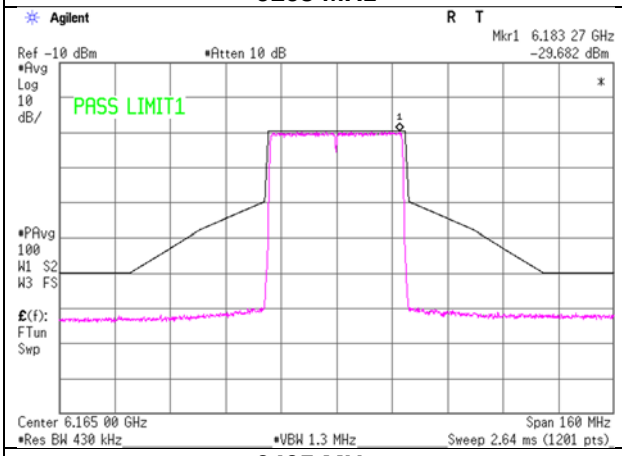
5965 MHz



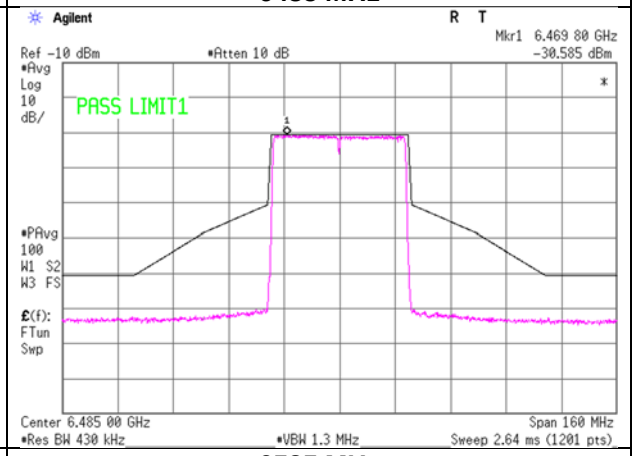
6445 MHz



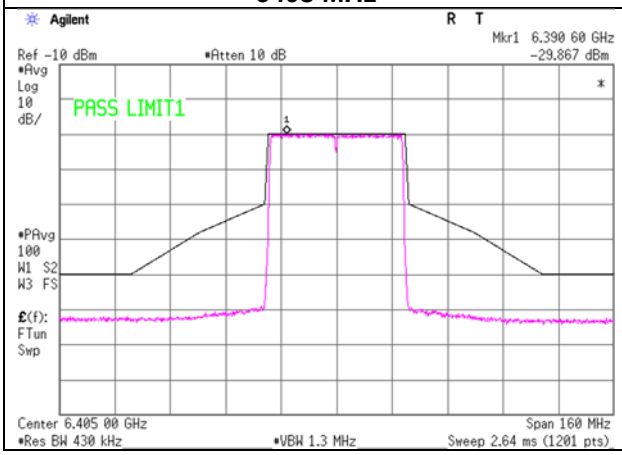
6165 MHz



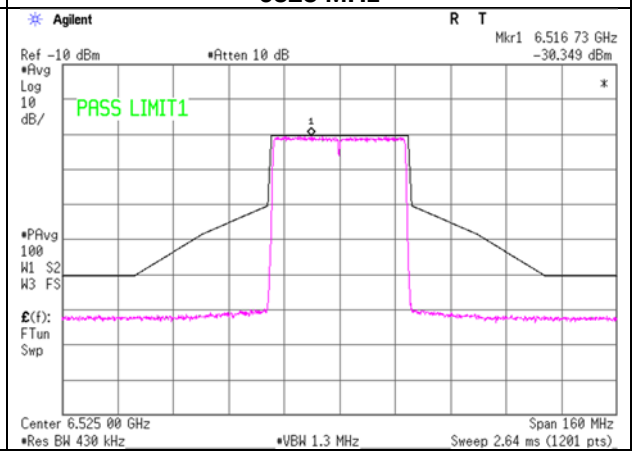
6485 MHz



6405 MHz



6525 MHz

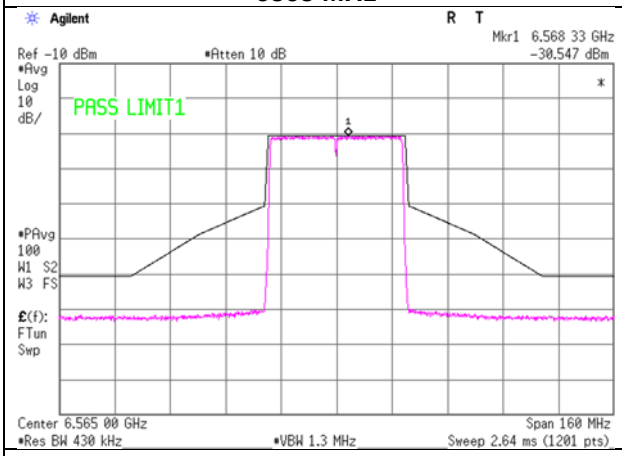


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

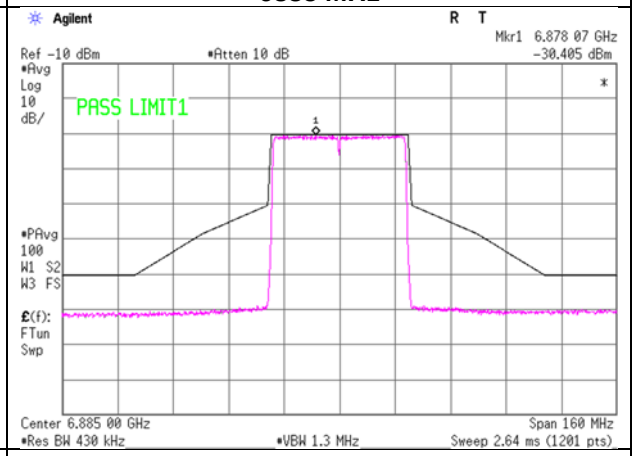
In-Band Emissions

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

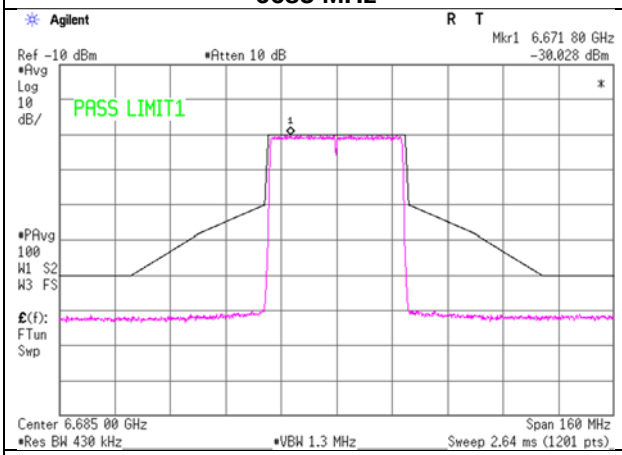
6565 MHz



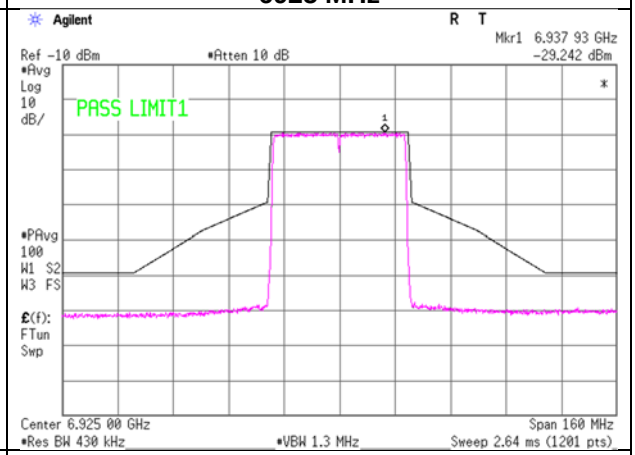
6885 MHz



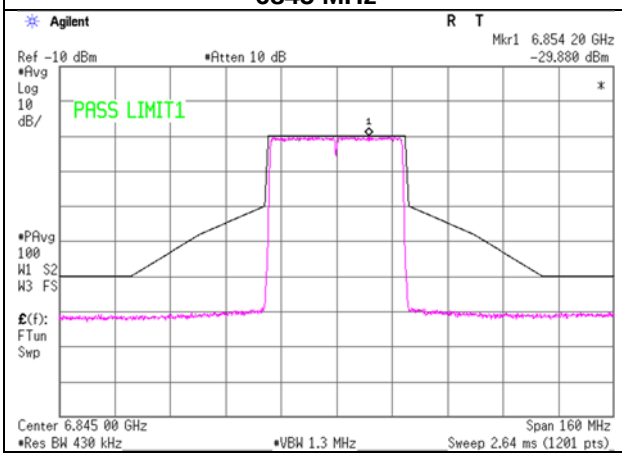
6685 MHz



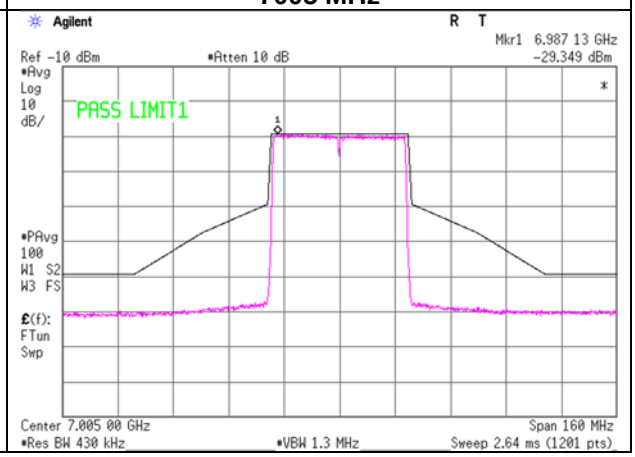
6925 MHz



6845 MHz



7005 MHz

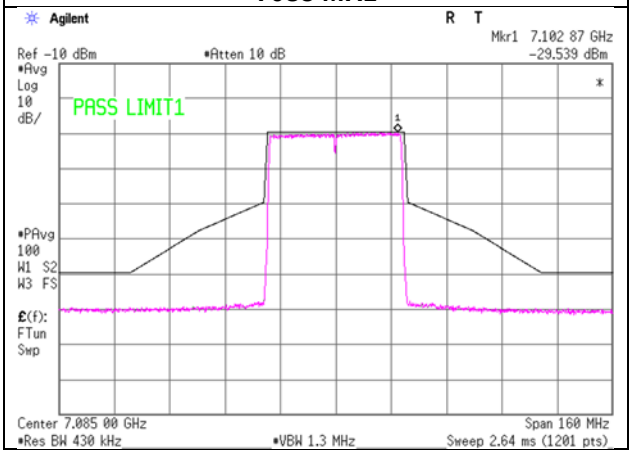


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

7085 MHz

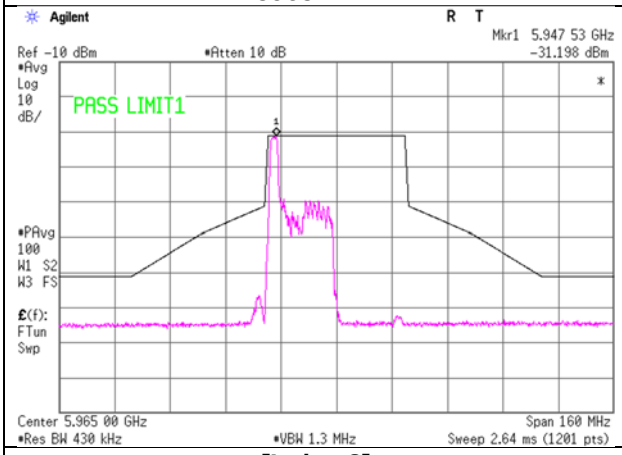


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

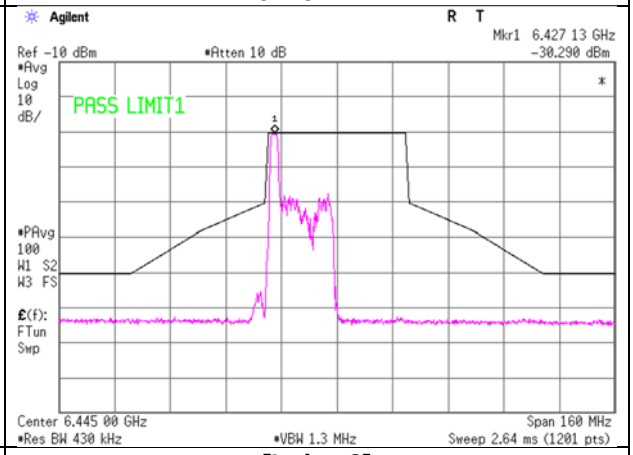
In-Band Emissions

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

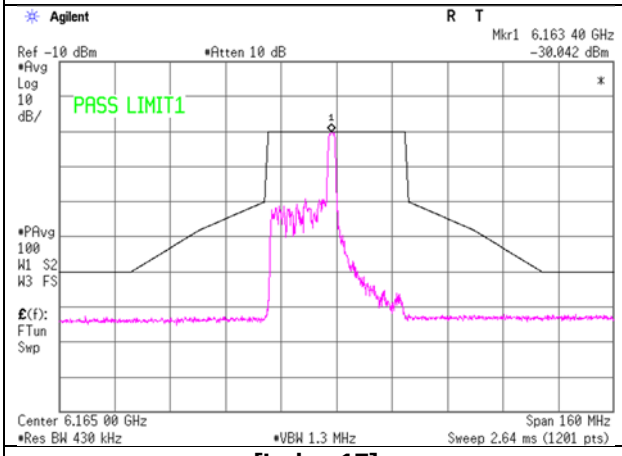
[Index 0]
5965 MHz



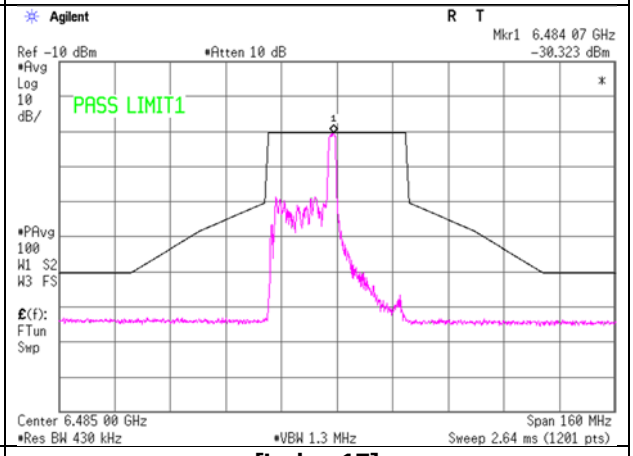
[Index 0]
6445 MHz



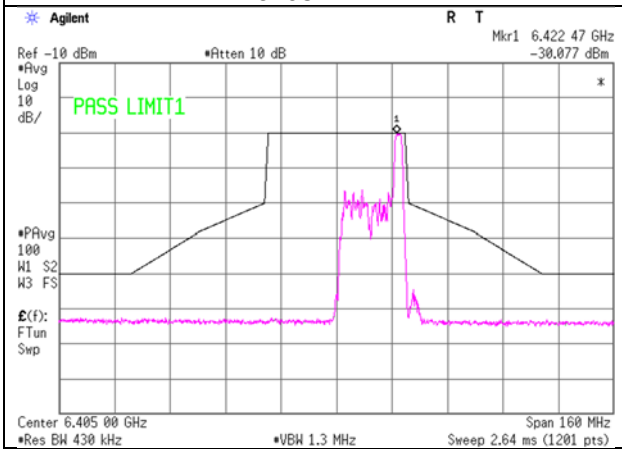
[Index 8]
6165 MHz



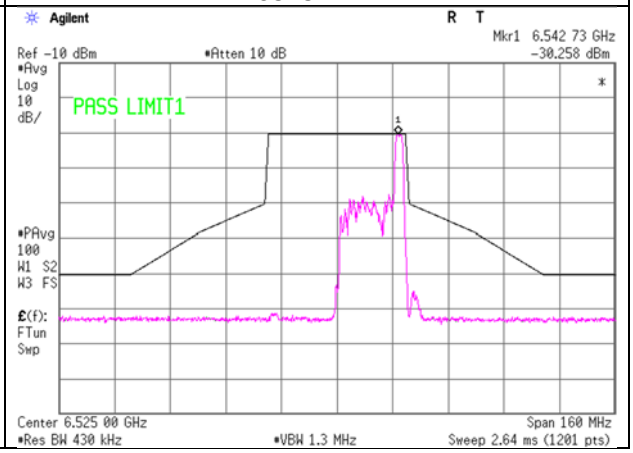
[Index 8]
6485 MHz



[Index 17]
6405 MHz



[Index 17]
6525 MHz

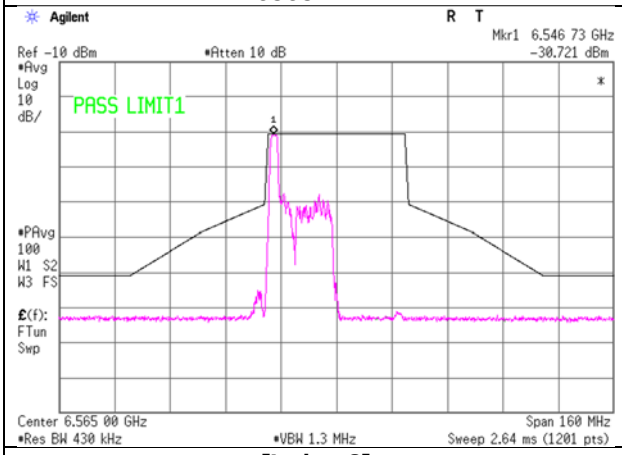


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

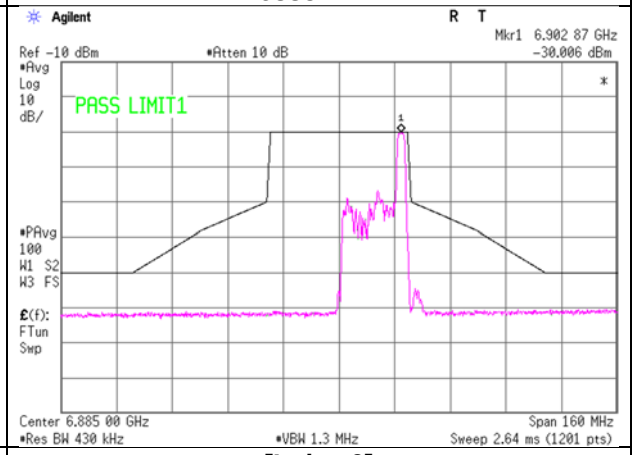
In-Band Emissions

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

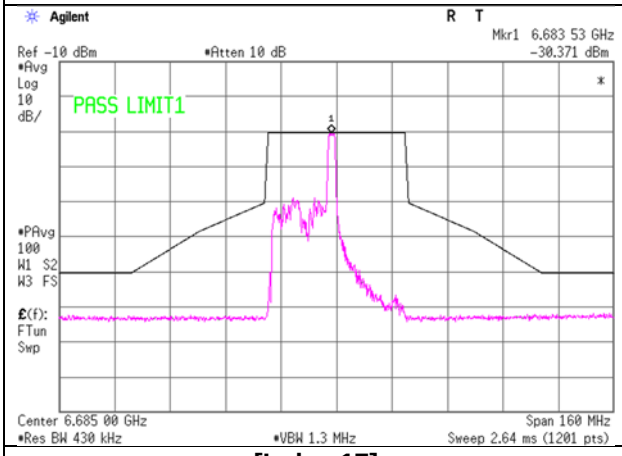
[Index 0]
6565 MHz



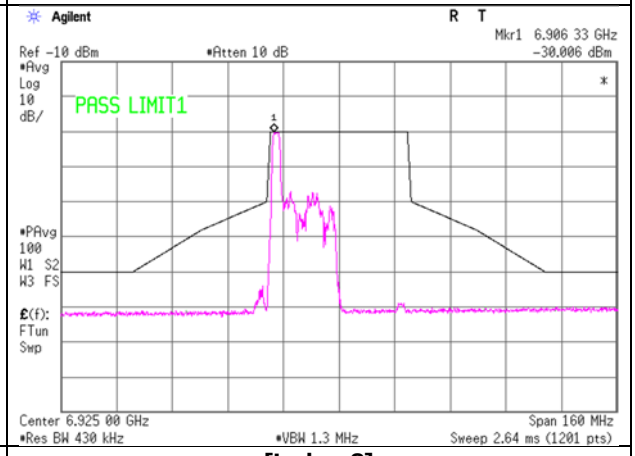
[Index 17]
6885 MHz



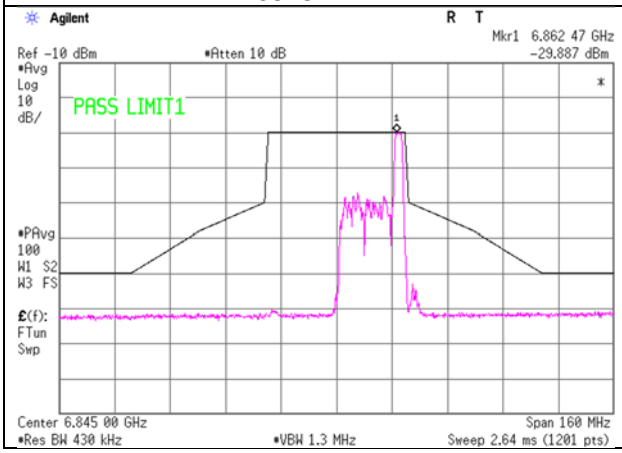
[Index 8]
6685 MHz



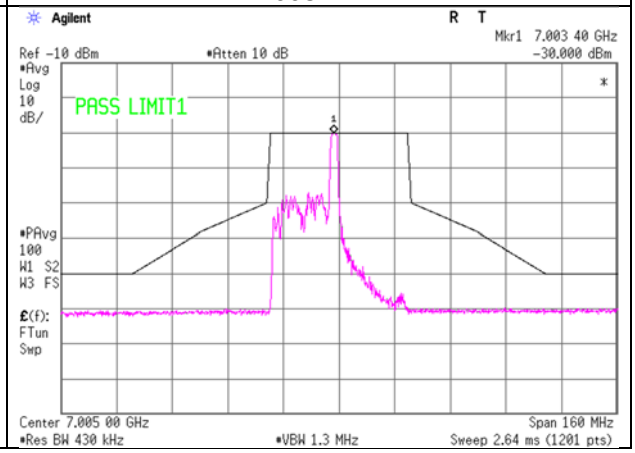
[Index 0]
6925 MHz



[Index 17]
6845 MHz



[Index 8]
7005 MHz

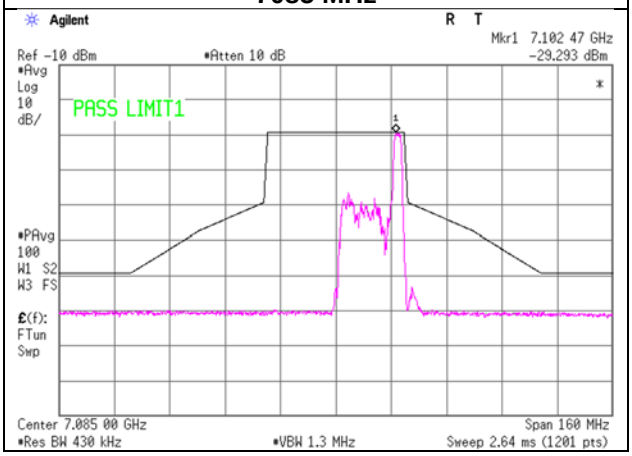


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

[Index 17]
7085 MHz

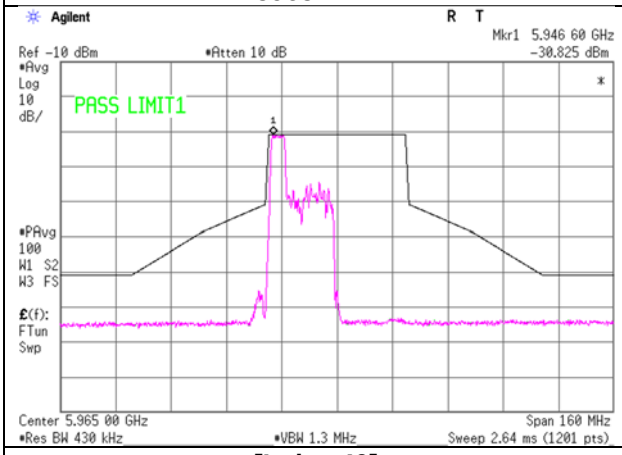


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

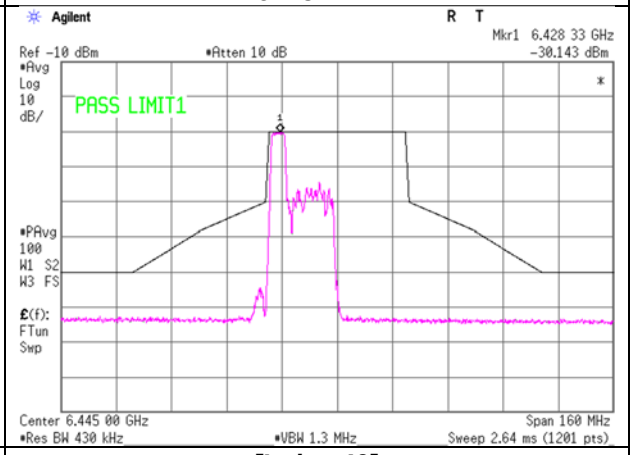
In-Band Emissions

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

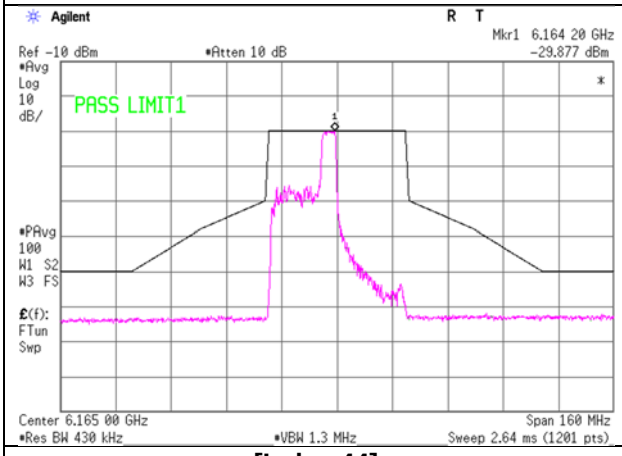
[Index 37]
5965 MHz



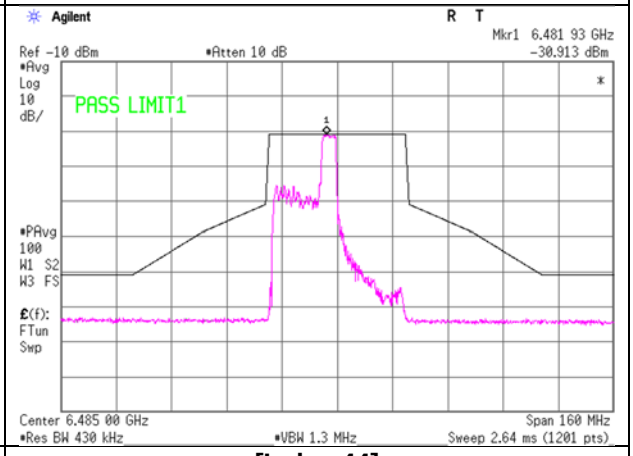
[Index 37]
6445 MHz



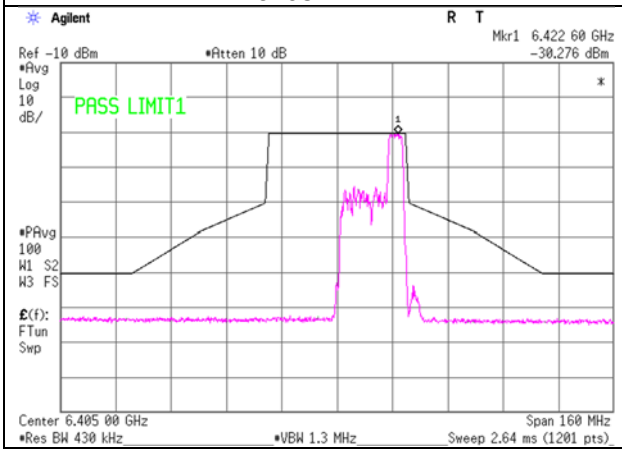
[Index 40]
6165 MHz



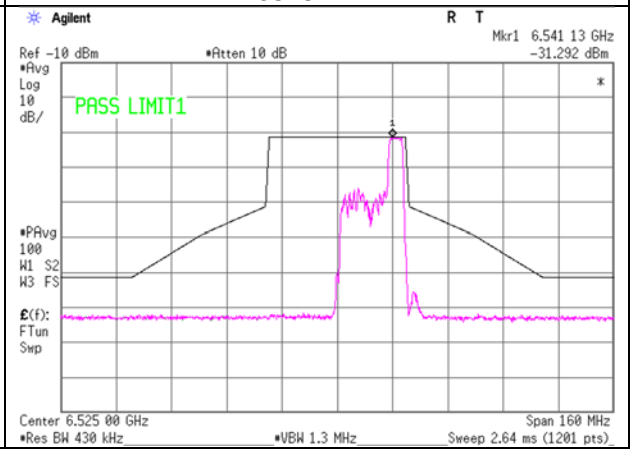
[Index 40]
6485 MHz



[Index 44]
6405 MHz



[Index 44]
6525 MHz

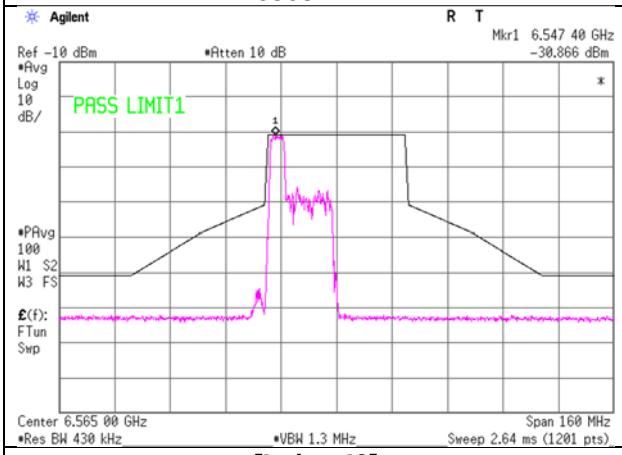


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

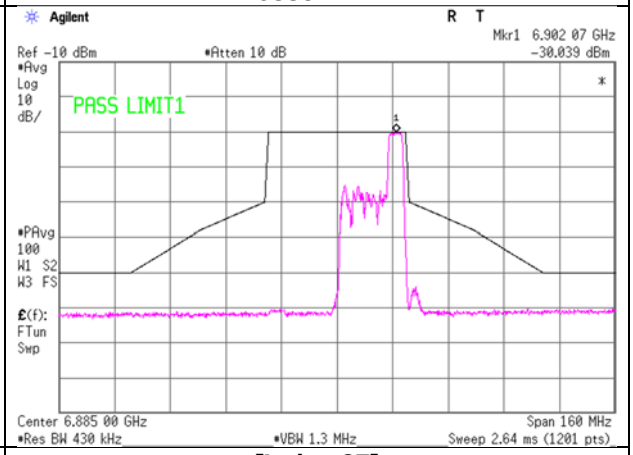
In-Band Emissions

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

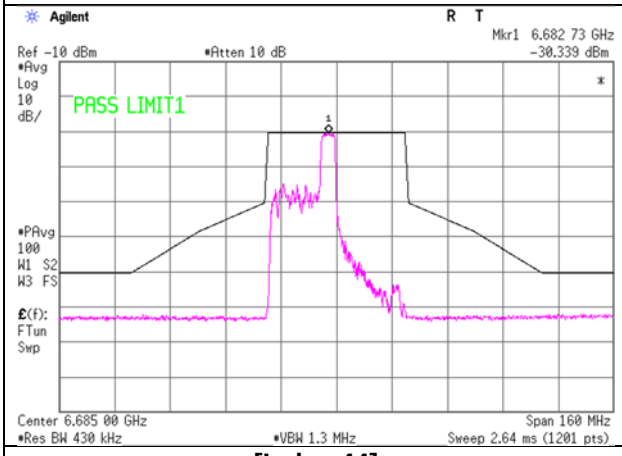
[Index 37]
6565 MHz



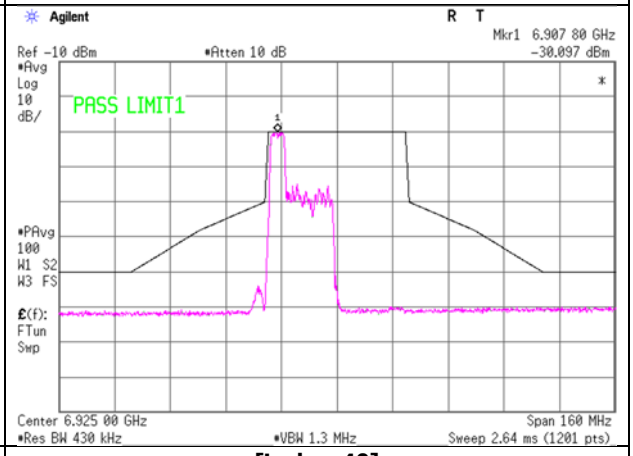
[Index 44]
6885 MHz



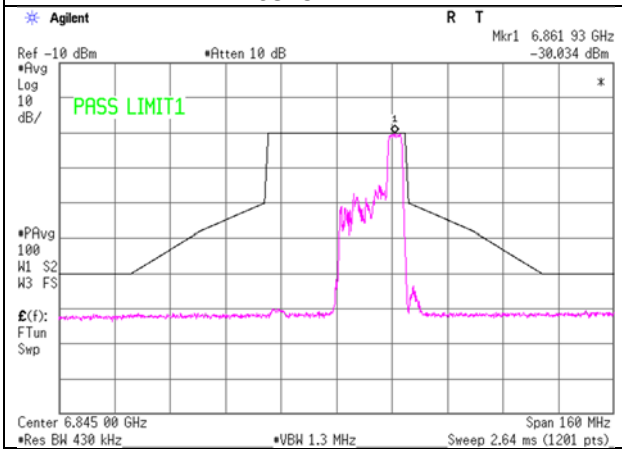
[Index 40]
6685 MHz



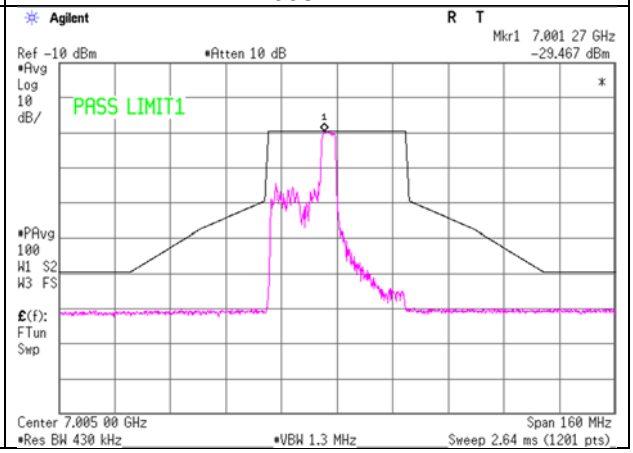
[Index 37]
6925 MHz



[Index 44]
6845 MHz



[Index 40]
7005 MHz

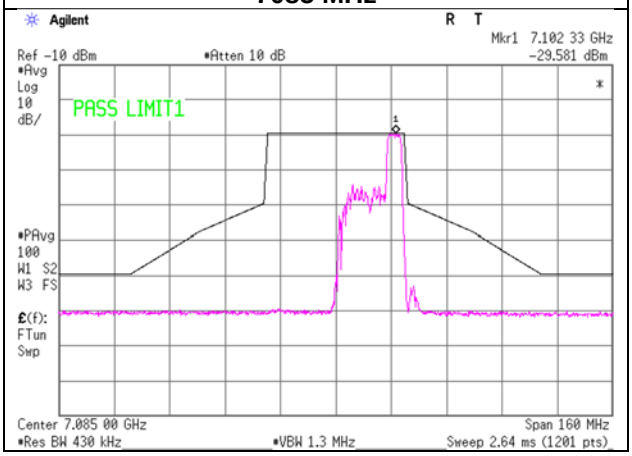


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

[Index 44]
7085 MHz

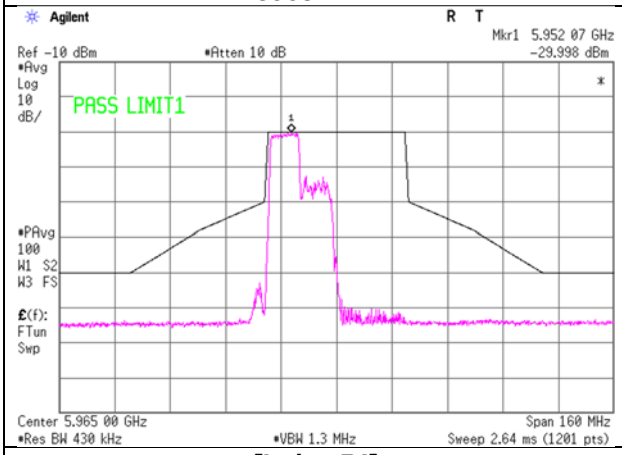


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

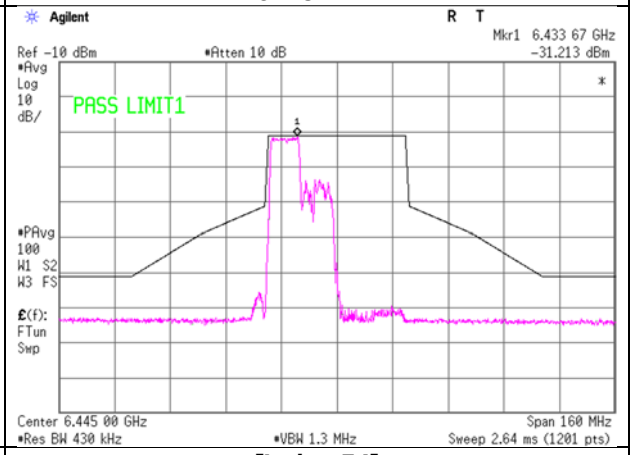
In-Band Emissions

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

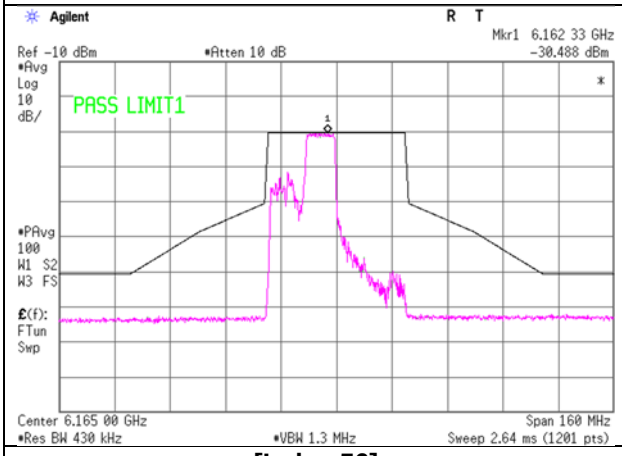
[Index 53]
5965 MHz



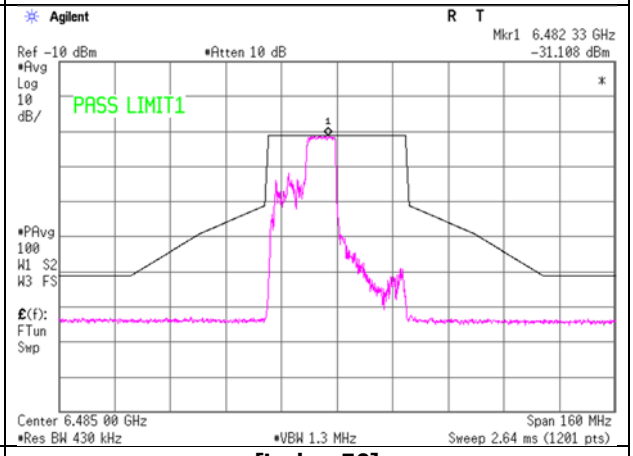
[Index 53]
6445 MHz



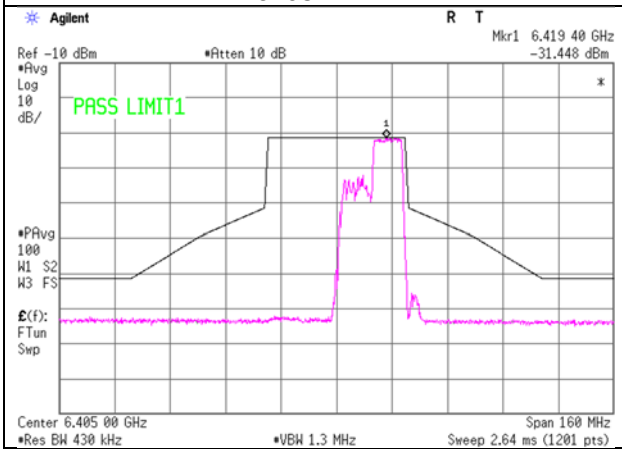
[Index 54]
6165 MHz



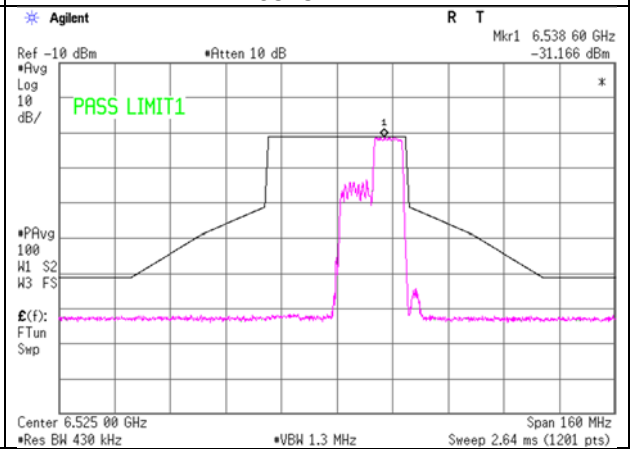
[Index 54]
6485 MHz



[Index 56]
6405 MHz



[Index 56]
6525 MHz

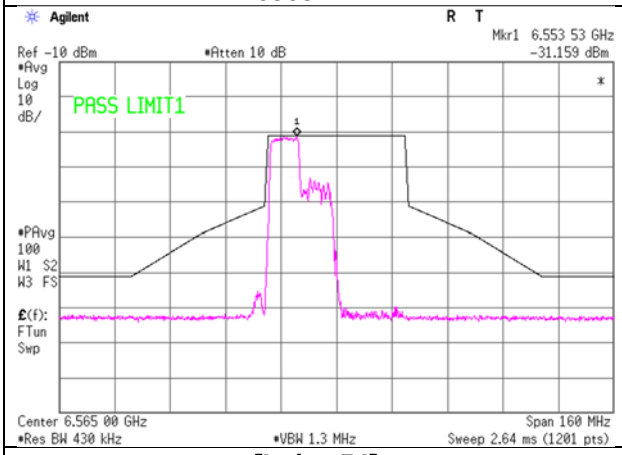


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

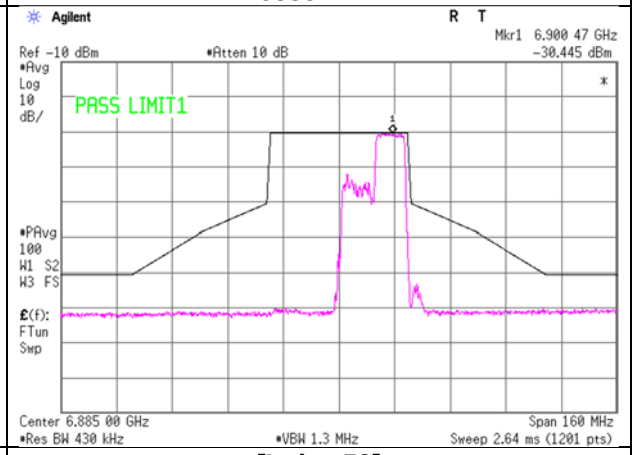
In-Band Emissions

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

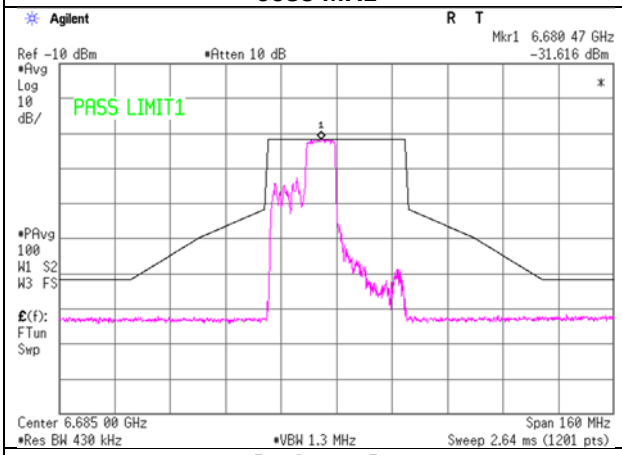
[Index 53]
6565 MHz



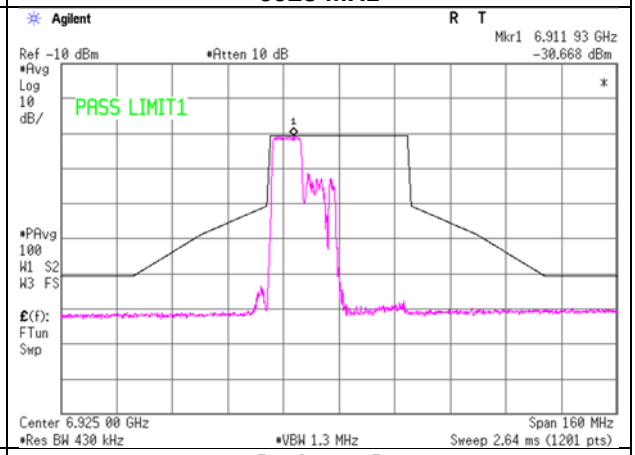
[Index 56]
6885 MHz



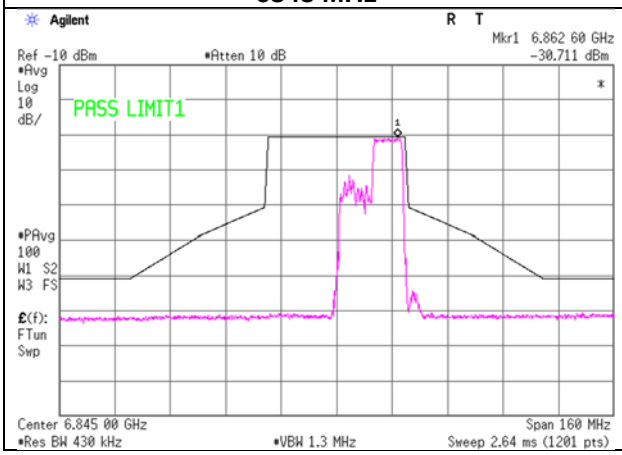
[Index 54]
6685 MHz



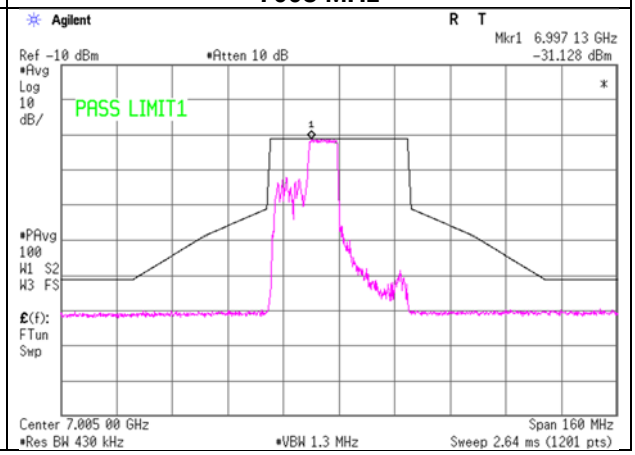
[Index 53]
6925 MHz



[Index 56]
6845 MHz



[Index 54]
7005 MHz

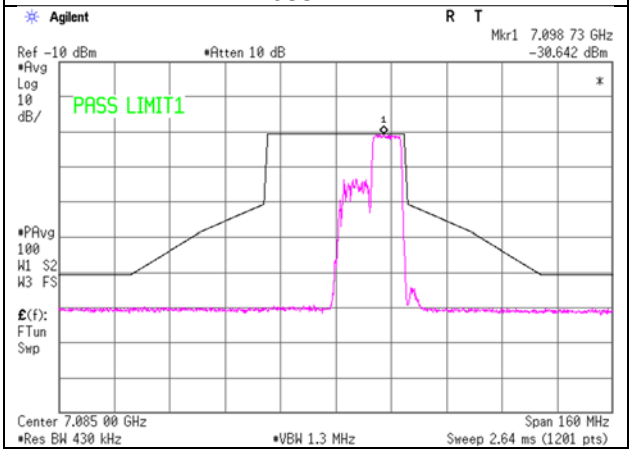


* 26 dB Emission Bandwidth was set to 39.5 MHz when In-Band Emissions measurement was performed.

In-Band Emissions

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

[Index 56]
7085 MHz



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