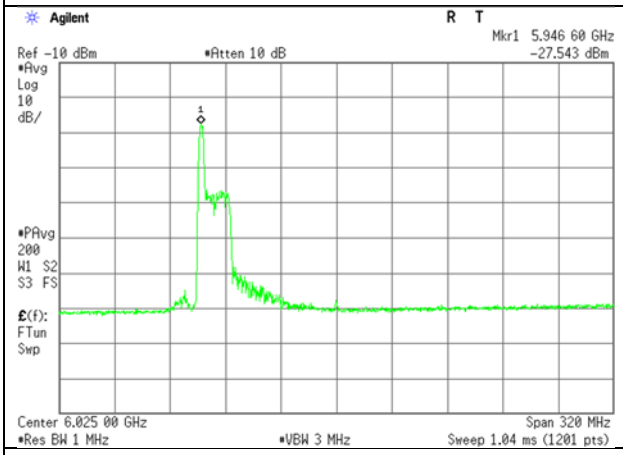
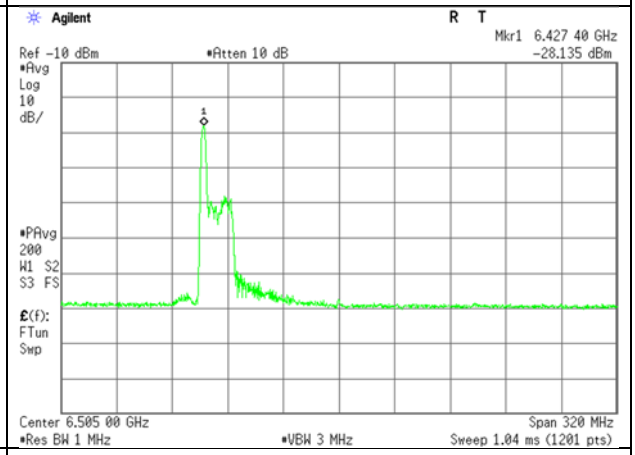
Maximum Power Spectral Density

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

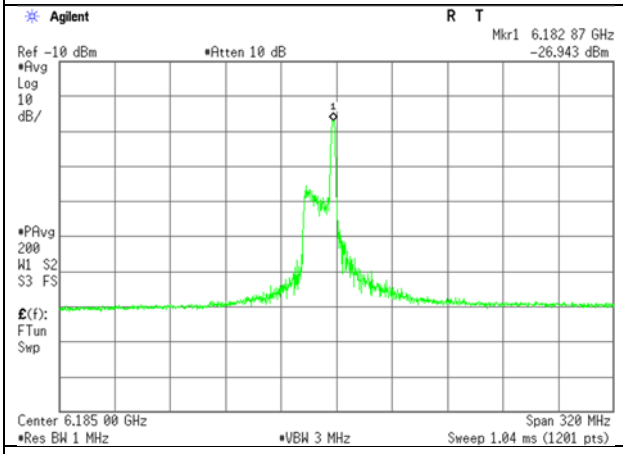
[Segment 0/Index 0]
6025 MHz



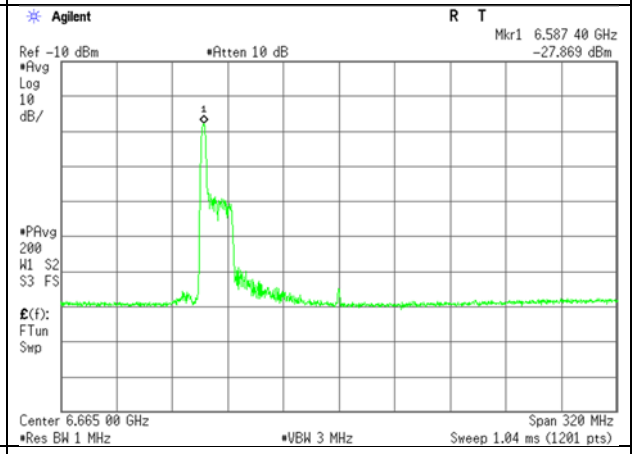
[Segment 0/Index 0]
6505 MHz



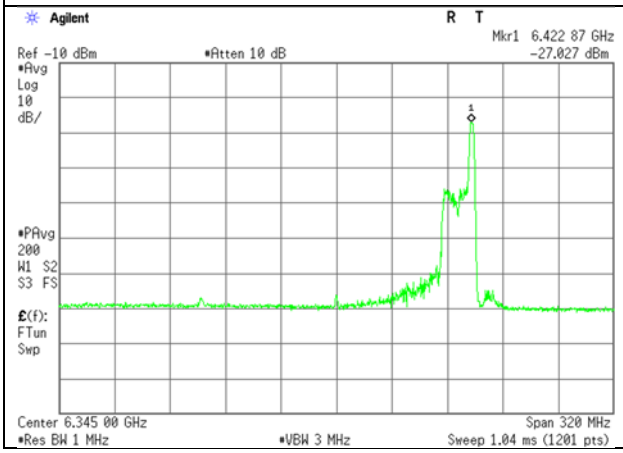
[Segment 0/Index 36]
6185 MHz



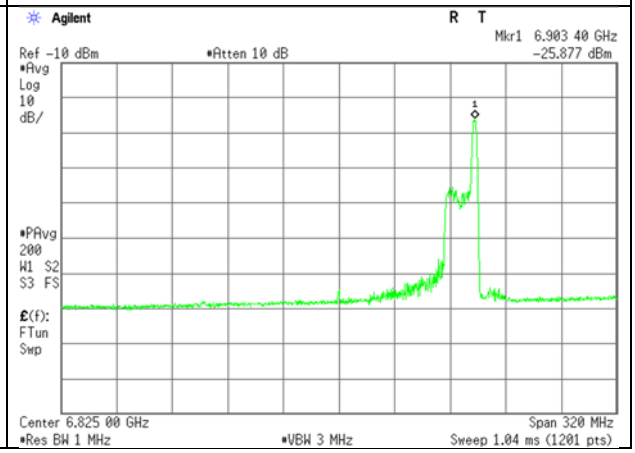
[Segment 0/Index 0]
6665 MHz



[Segment 1/Index 36]
6345 MHz



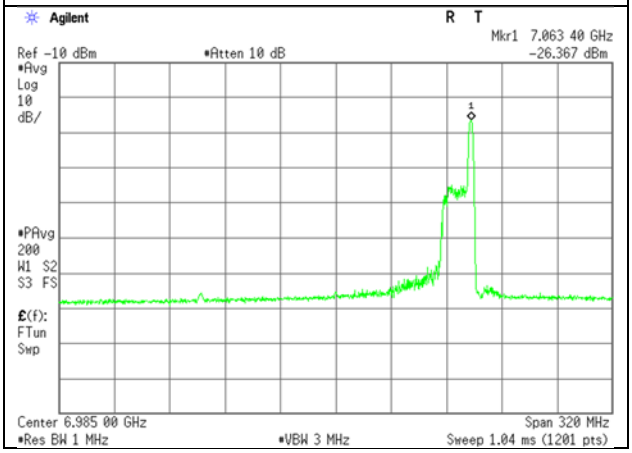
[Segment 1/Index 36]
6825 MHz



Maximum Power Spectral Density

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

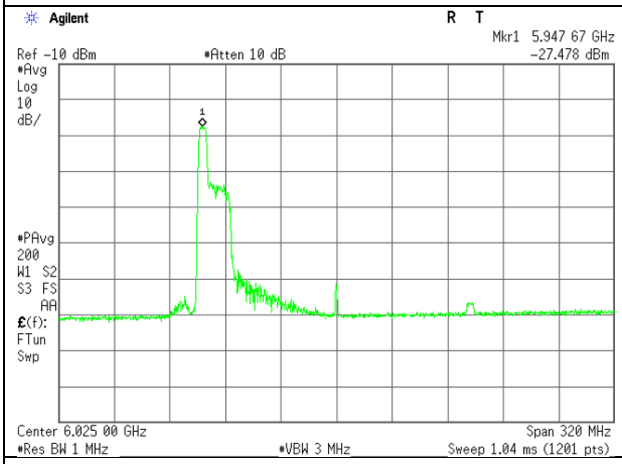
[Segment 1/Index 36]
6985 MHz



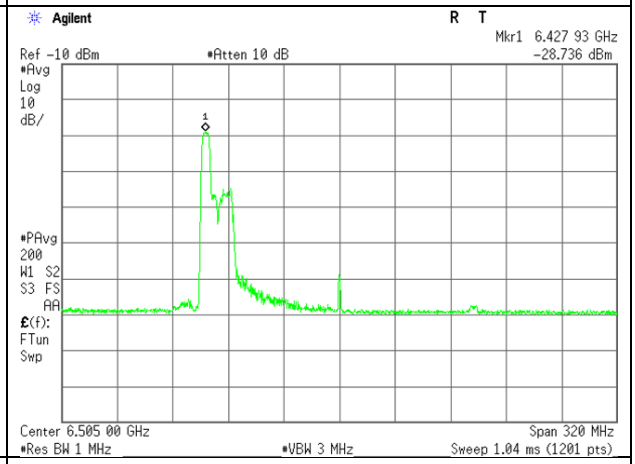
Maximum Power Spectral Density

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

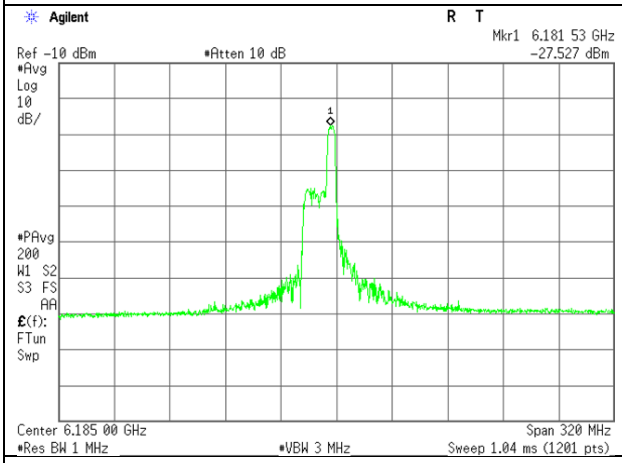
[Segment 0/Index 37] 6025 MHz



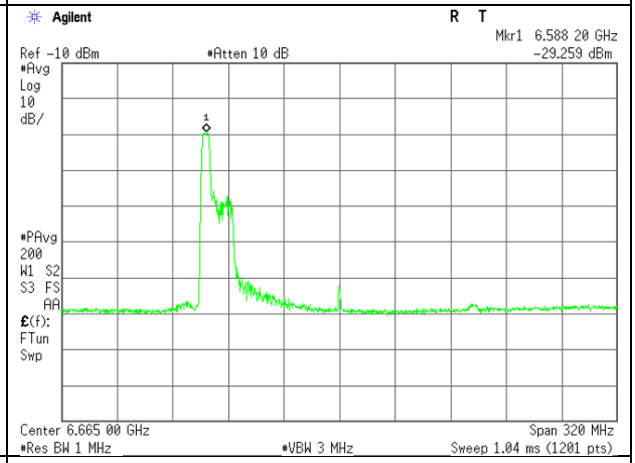
[Segment 0/Index 37] 6505 MHz



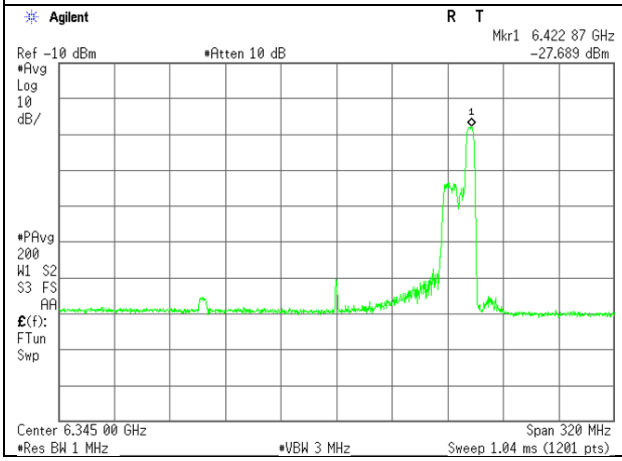
[Segment 0/Index 52] 6185 MHz



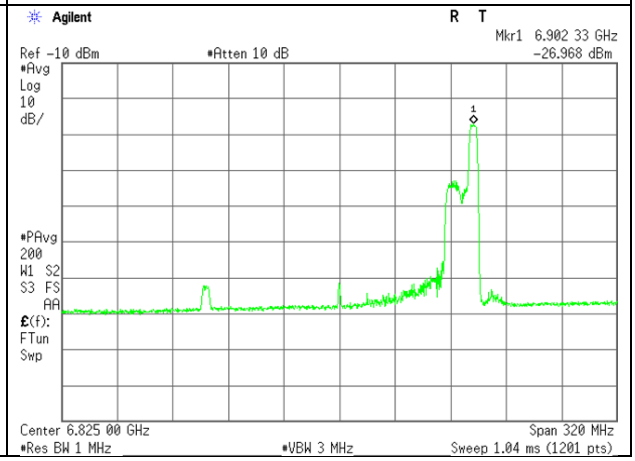
[Segment 0/Index 37] 6665 MHz



[Segment 1/Index 52] 6345 MHz



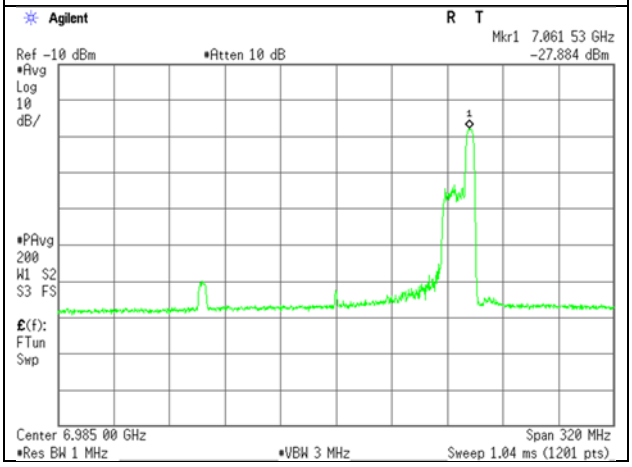
[Segment 1/Index 52] 6825 MHz



Maximum Power Spectral Density

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

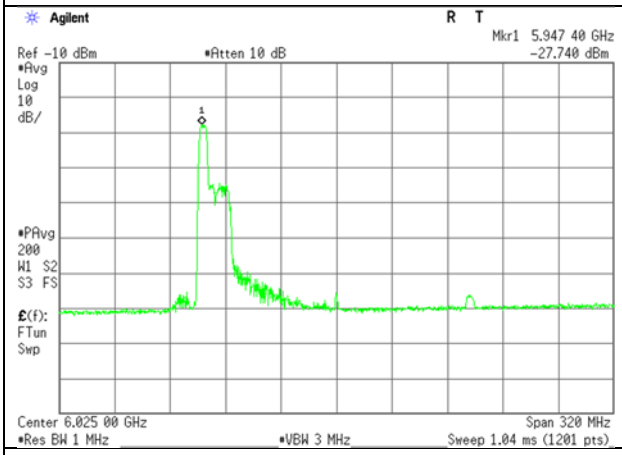
[Segment 1/Index 52]
6985 MHz



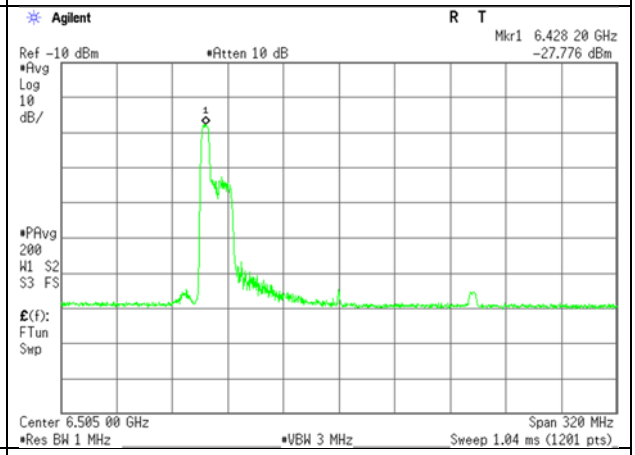
Maximum Power Spectral Density

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

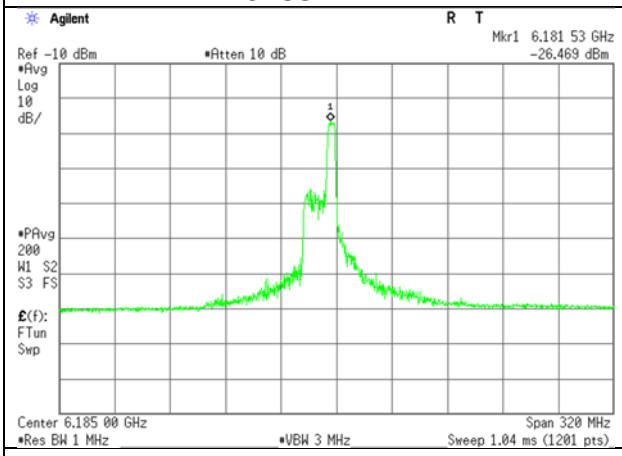
[Segment 0/Index 37]
6025 MHz



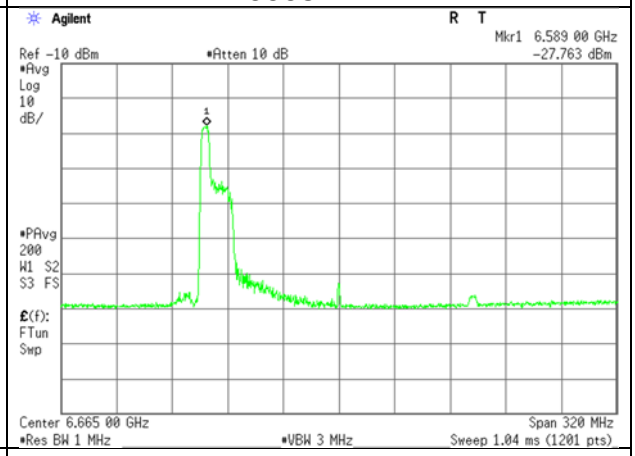
[Segment 0/Index 37]
6505 MHz



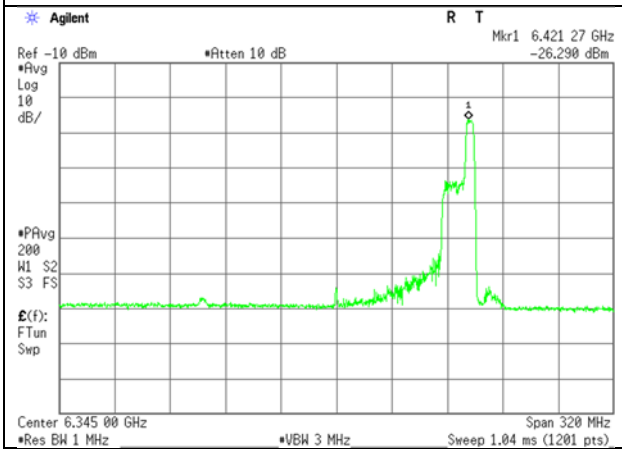
[Segment 0/Index 52]
6185 MHz



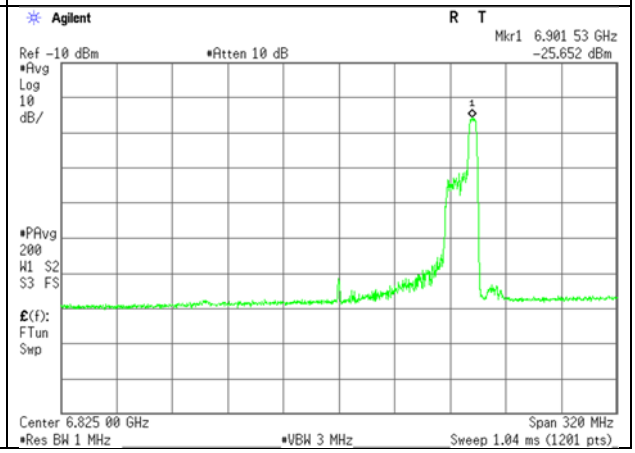
[Segment 0/Index 37]
6665 MHz



[Segment 1/Index 52]
6345 MHz



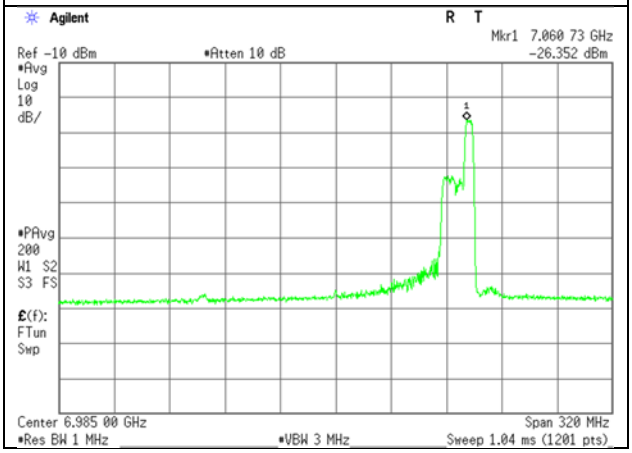
[Segment 1/Index 52]
6825 MHz



Maximum Power Spectral Density

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

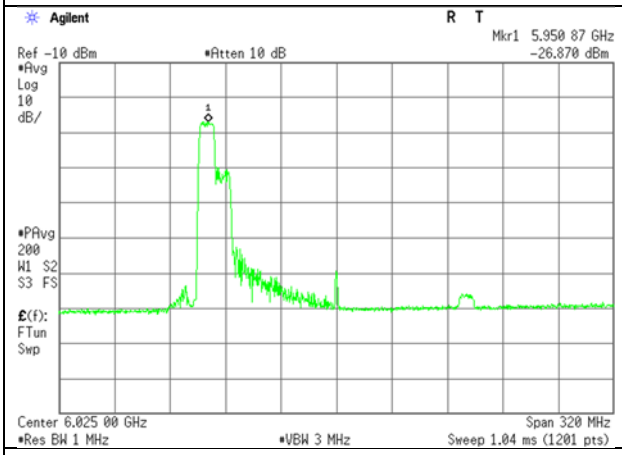
[Segment 1/Index 52]
6985 MHz



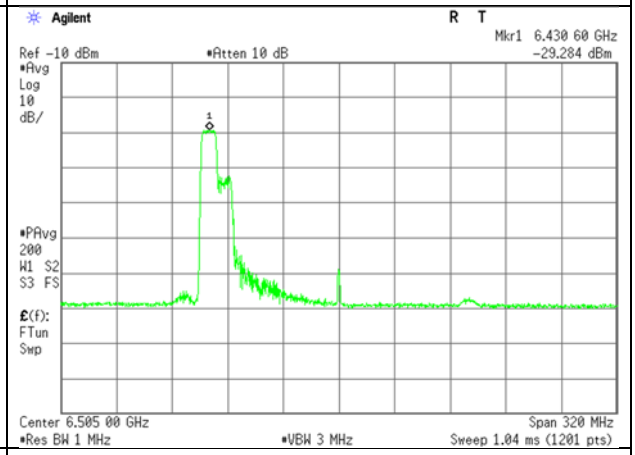
Maximum Power Spectral Density

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

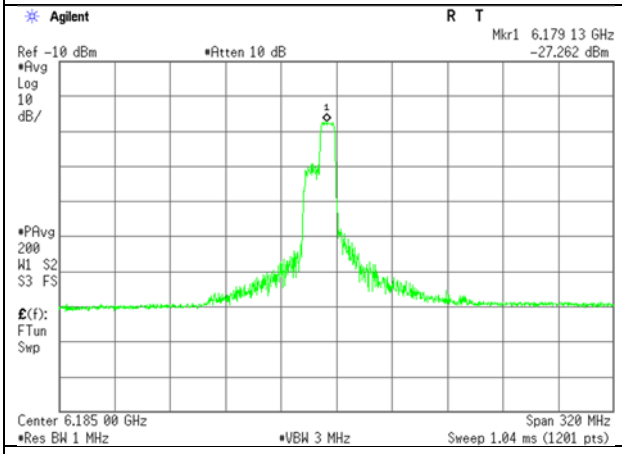
[Segment 0/Index 53] 6025 MHz



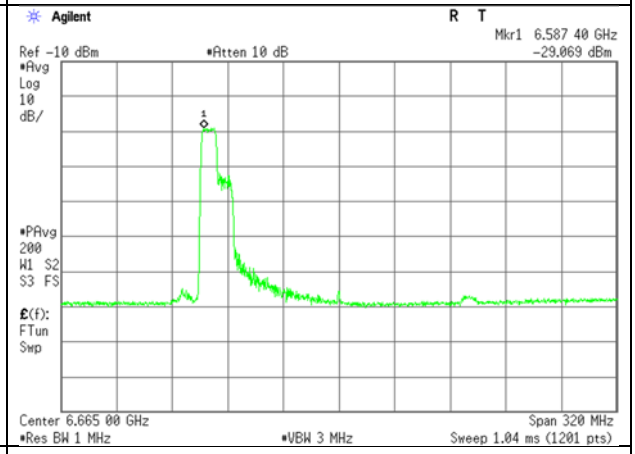
[Segment 0/Index 53] 6505 MHz



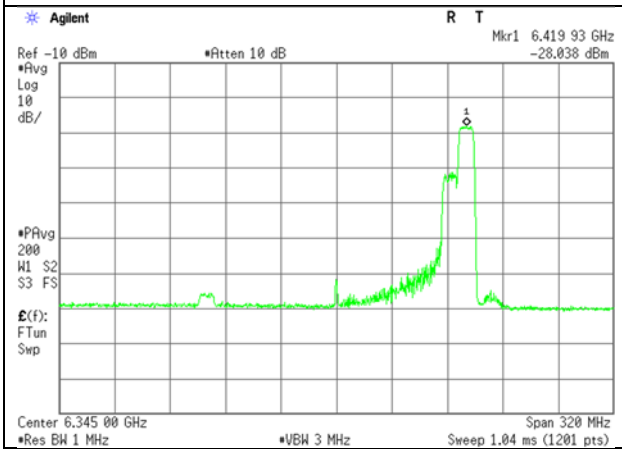
[Segment 0/Index 60] 6185 MHz



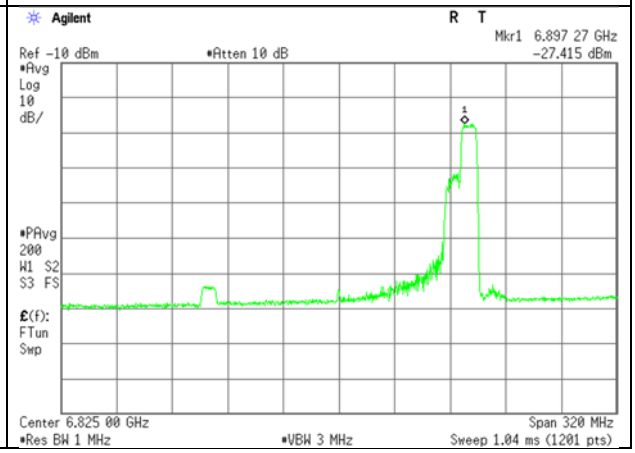
[Segment 0/Index 53] 6665 MHz



[Segment 1/Index 60] 6345 MHz



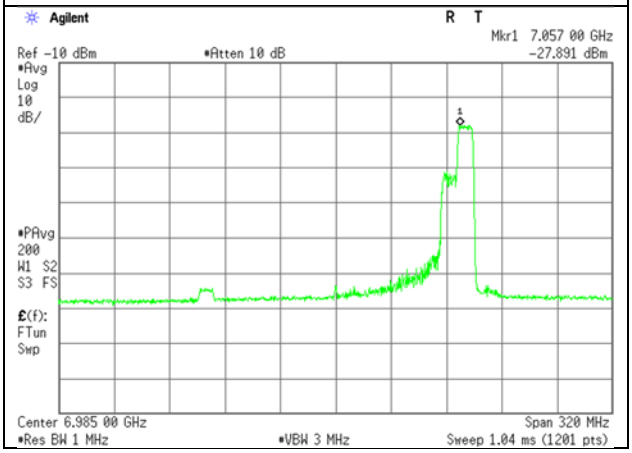
[Segment 1/Index 60] 6825 MHz



Maximum Power Spectral Density

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

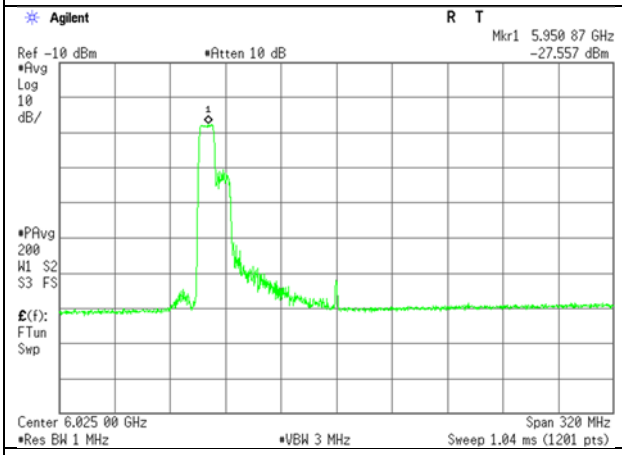
[Segment 1/Index 60]
6985 MHz



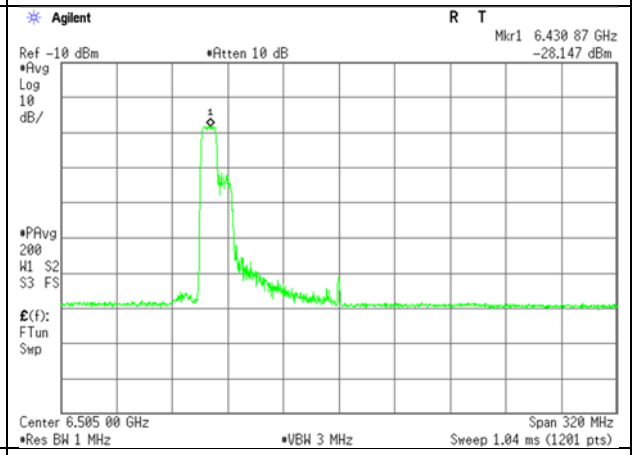
Maximum Power Spectral Density

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

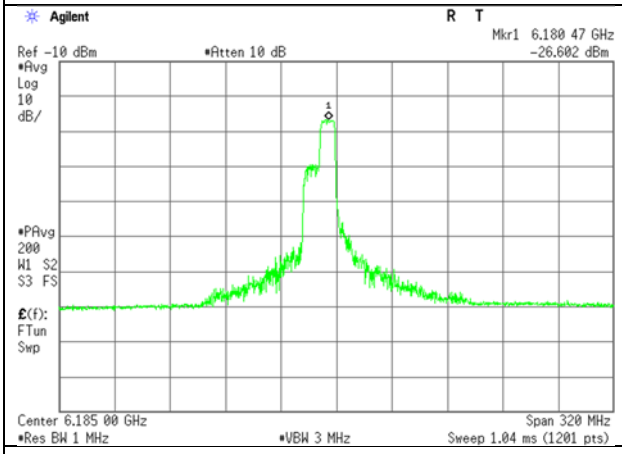
[Segment 0/Index 53] 6025 MHz



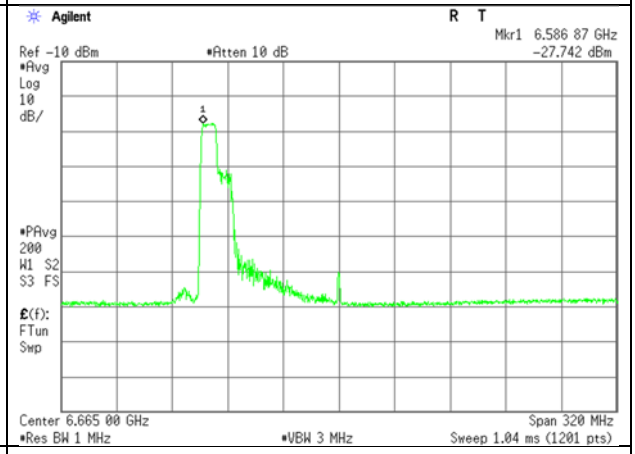
[Segment 0/Index 53] 6505 MHz



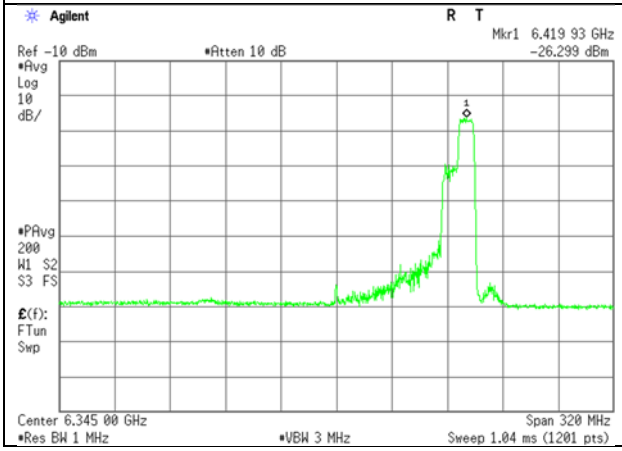
[Segment 0/Index 60] 6185 MHz



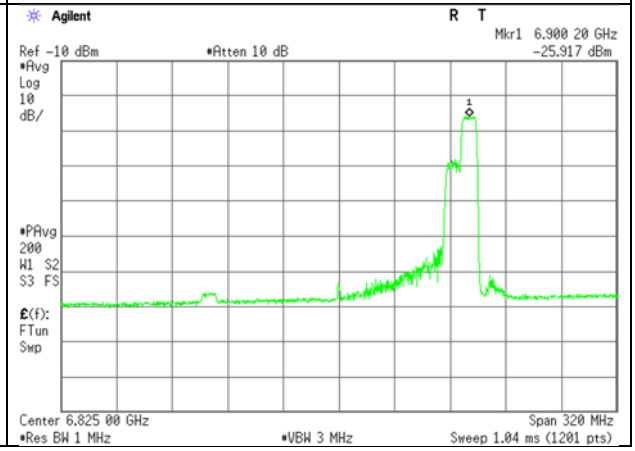
[Segment 0/Index 53] 6665 MHz



[Segment 1/Index 60] 6345 MHz



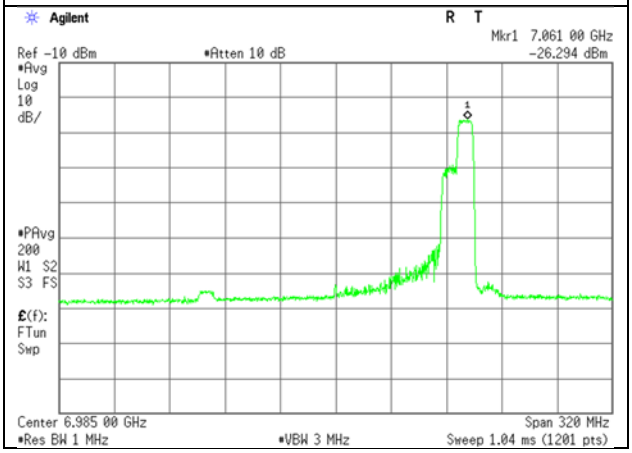
[Segment 1/Index 60] 6825 MHz



Maximum Power Spectral Density

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

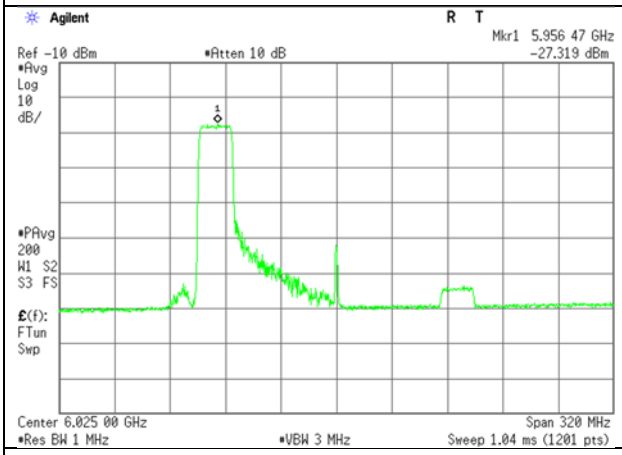
[Segment 1/Index 60]
6985 MHz



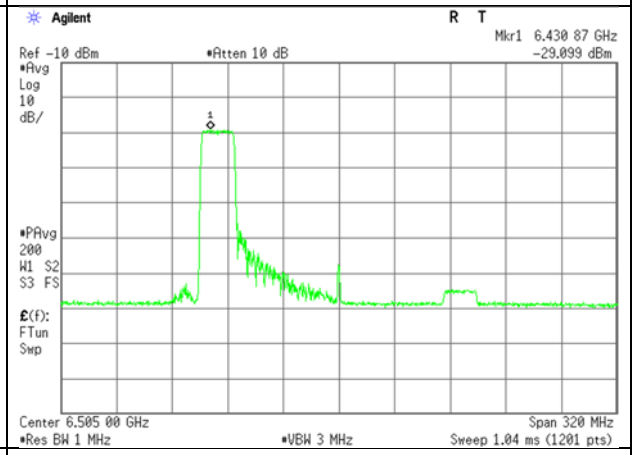
Maximum Power Spectral Density

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

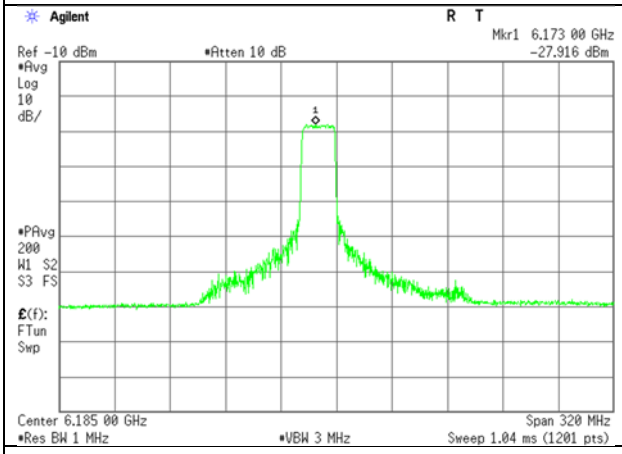
[Segment 0/Index 61]
6025 MHz



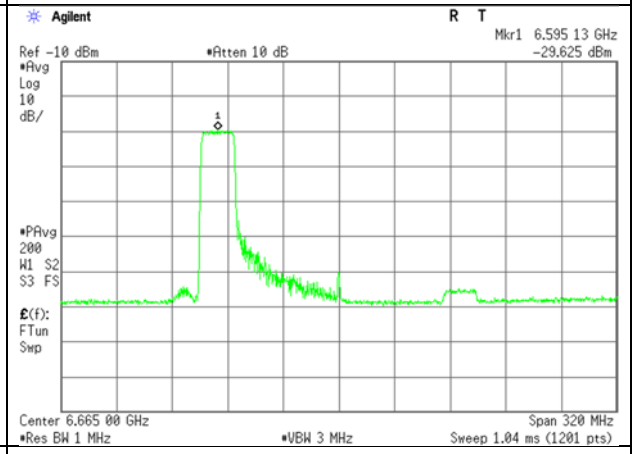
[Segment 0/Index 61]
6505 MHz



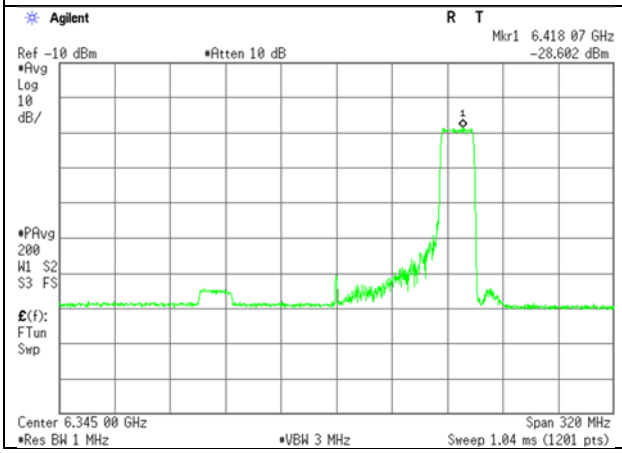
[Segment 0/Index 64]
6185 MHz



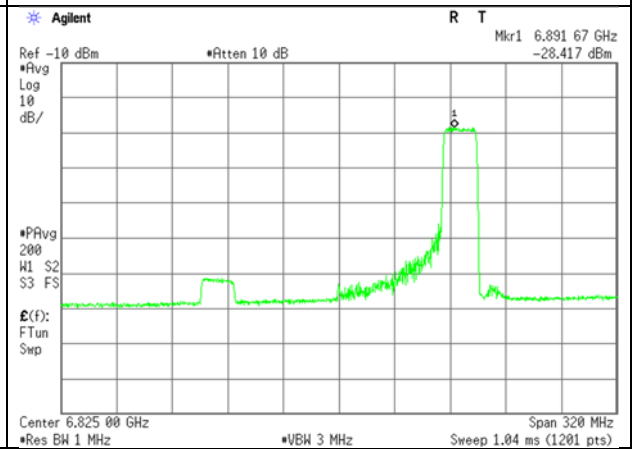
[Segment 0/Index 61]
6665 MHz



[Segment 1/Index 64]
6345 MHz



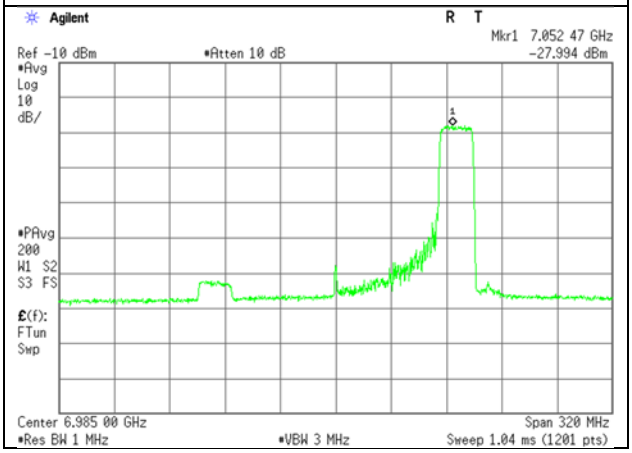
[Segment 1/Index 64]
6825 MHz



Maximum Power Spectral Density

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

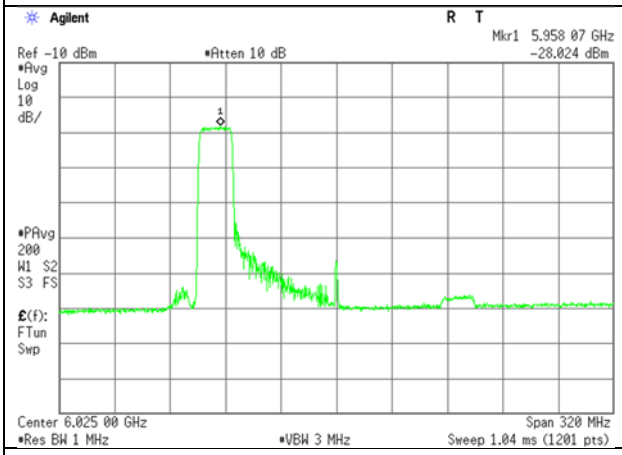
[Segment 1/Index 64]
6985 MHz



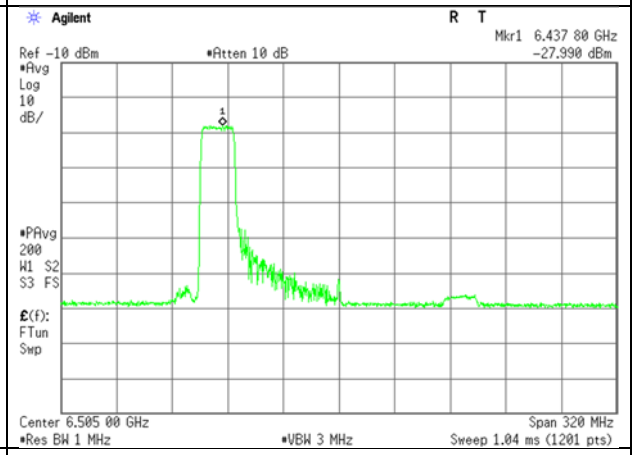
Maximum Power Spectral Density

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

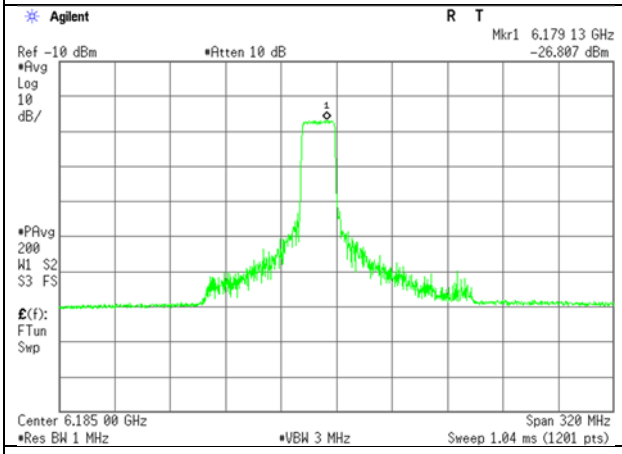
[Segment 0/Index 61]
6025 MHz



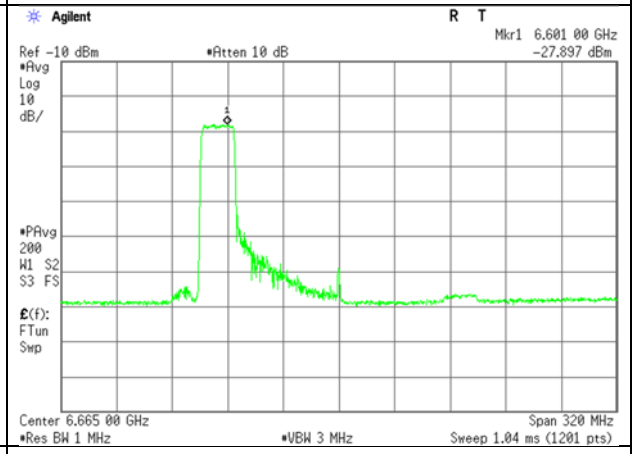
[Segment 0/Index 61]
6505 MHz



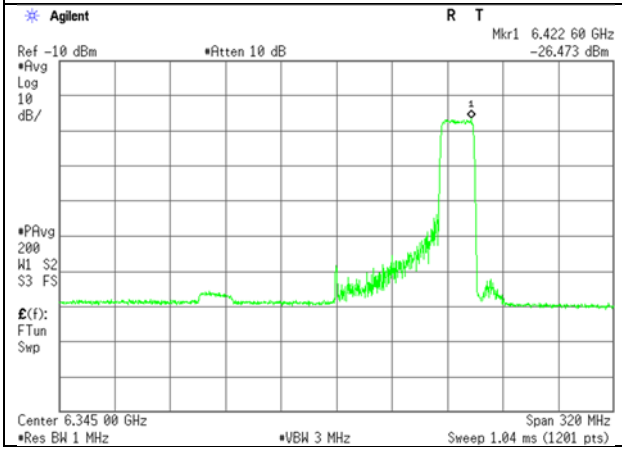
[Segment 0/Index 64]
6185 MHz



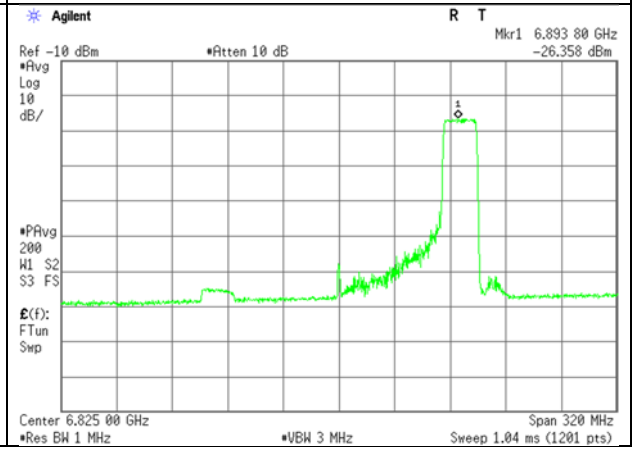
[Segment 0/Index 61]
6665 MHz



[Segment 1/Index 64]
6345 MHz



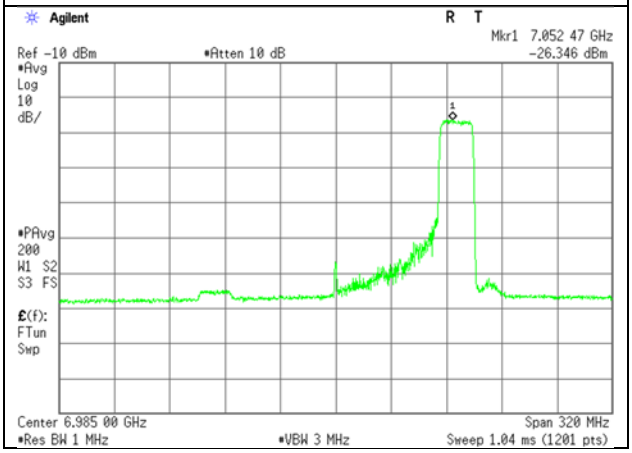
[Segment 1/Index 64]
6825 MHz



Maximum Power Spectral Density

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

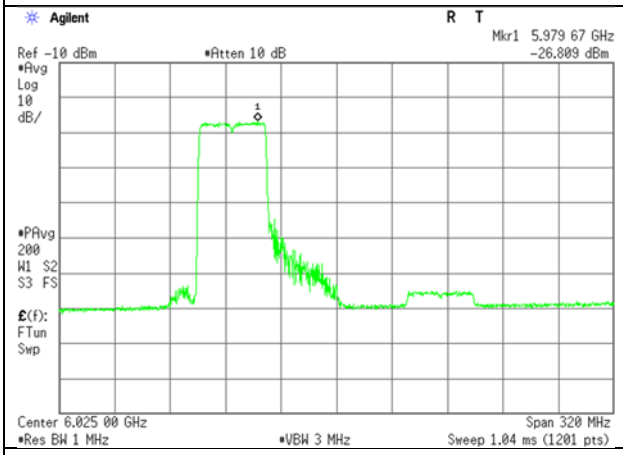
[Segment 1/Index 64]
6985 MHz



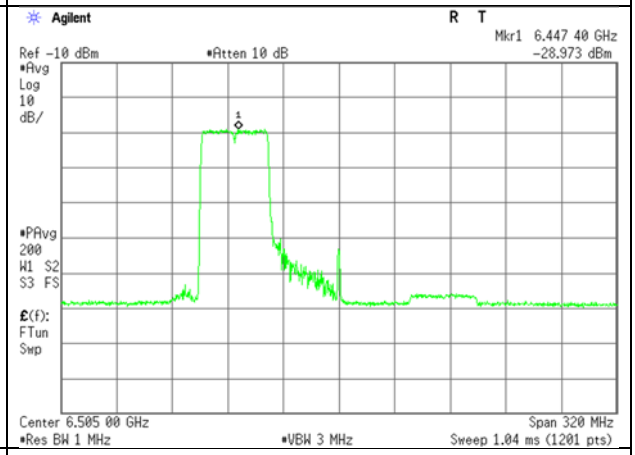
Maximum Power Spectral Density

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

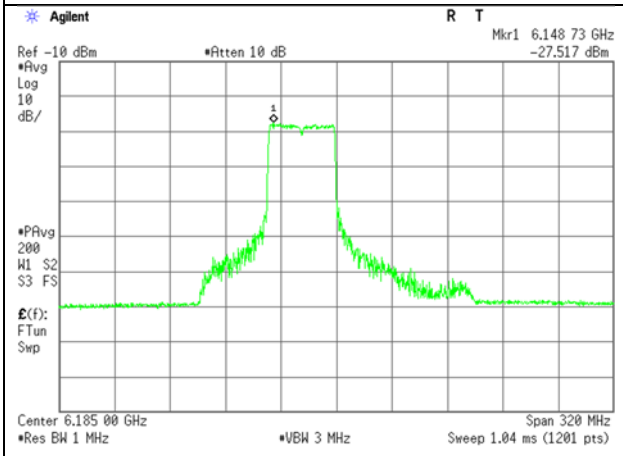
[Segment 0/Index 65]
6025 MHz



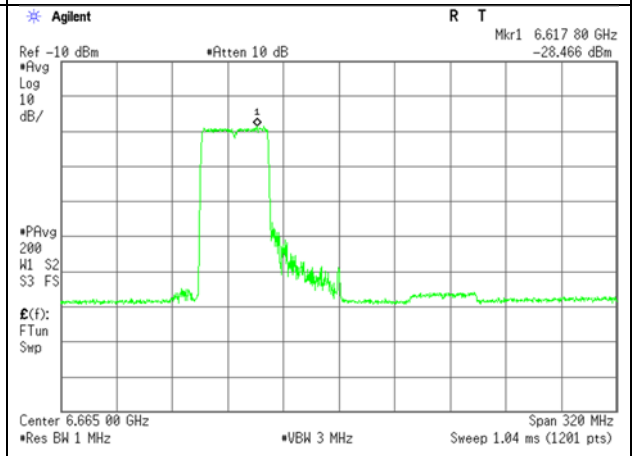
[Segment 0/Index 65]
6505 MHz



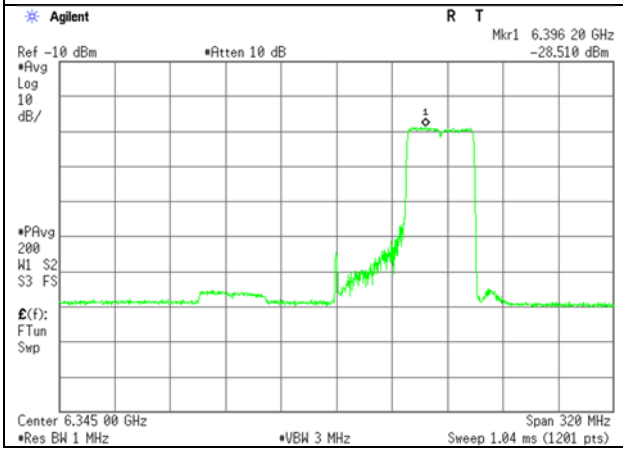
[Segment 0/Index 66]
6185 MHz



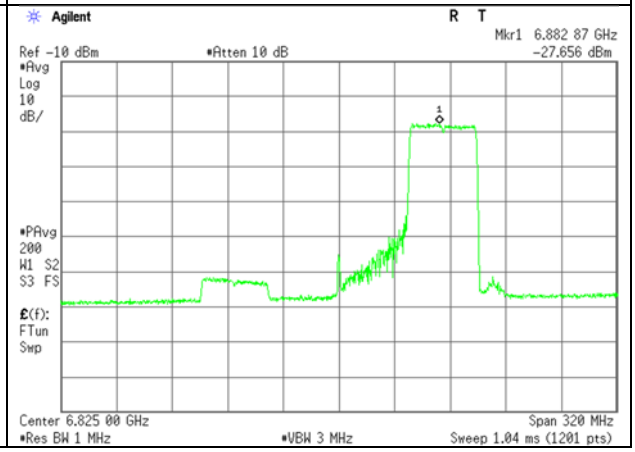
[Segment 0/Index 65]
6665 MHz



[Segment 1/Index 66]
6345 MHz



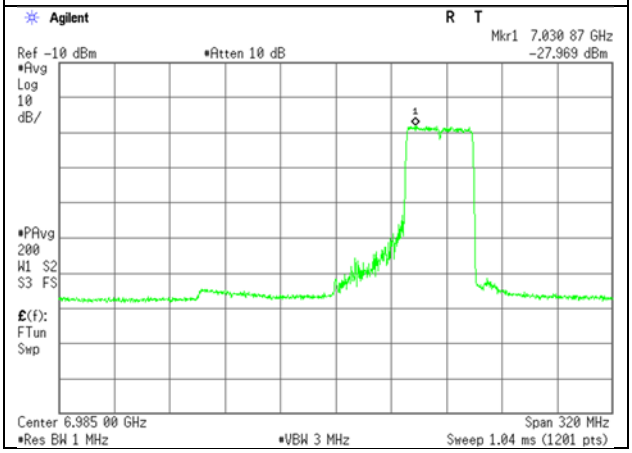
[Segment 1/Index 66]
6825 MHz



Maximum Power Spectral Density

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

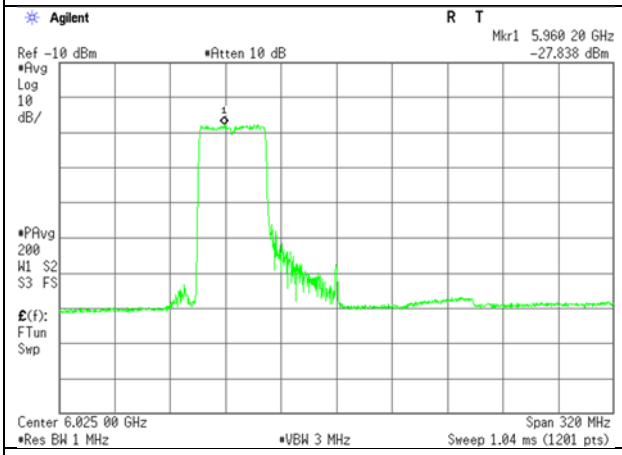
[Segment 1/Index 66]
6985 MHz



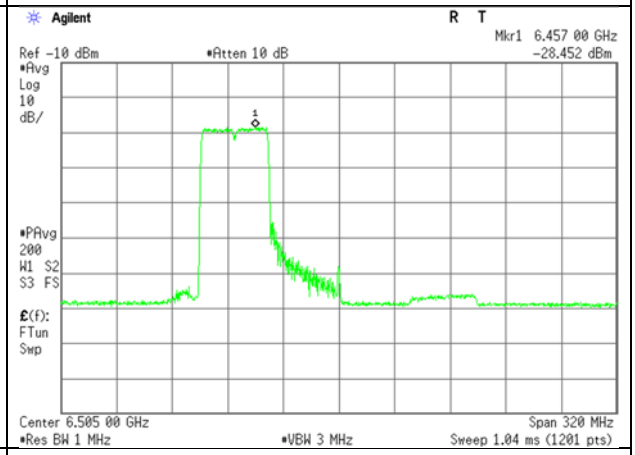
Maximum Power Spectral Density

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

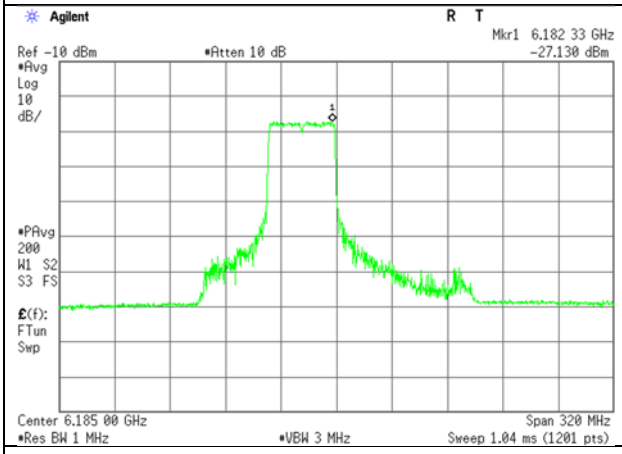
[Segment 0/Index 65]
6025 MHz



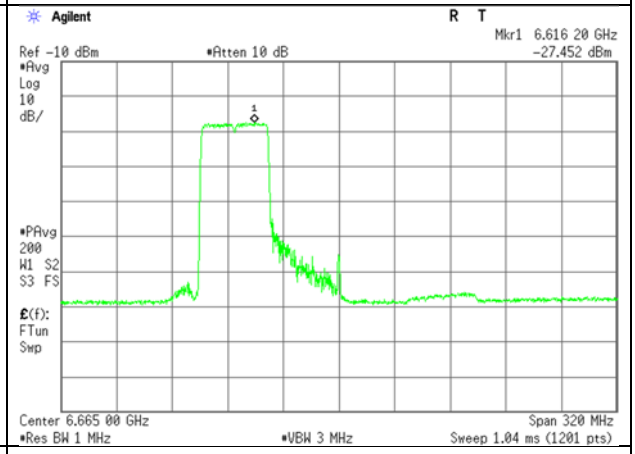
[Segment 0/Index 65]
6505 MHz



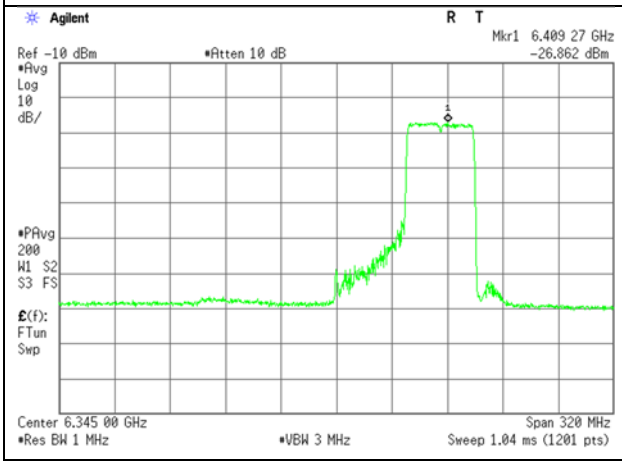
[Segment 0/Index 66]
6185 MHz



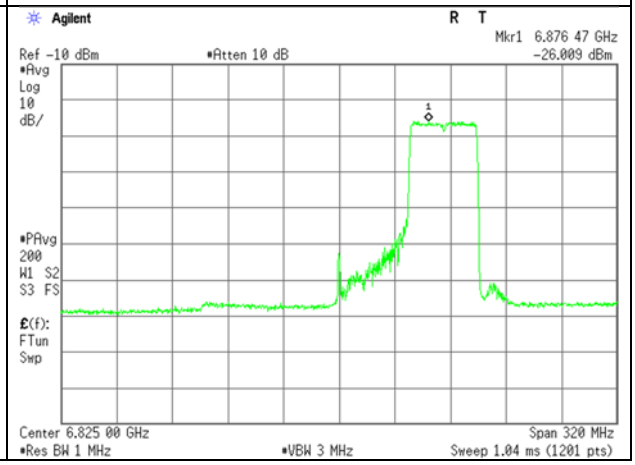
[Segment 0/Index 65]
6665 MHz



[Segment 1/Index 66]
6345 MHz



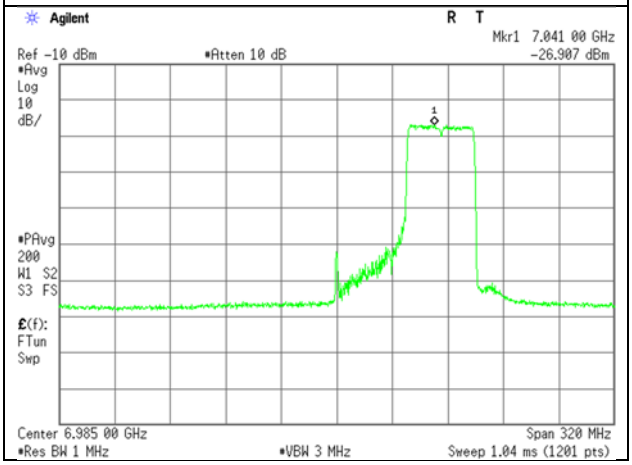
[Segment 1/Index 66]
6825 MHz



Maximum Power Spectral Density

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

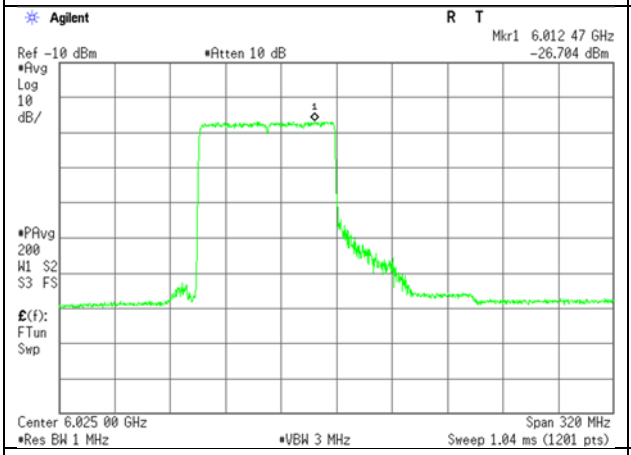
[Segment 1/Index 66]
6985 MHz



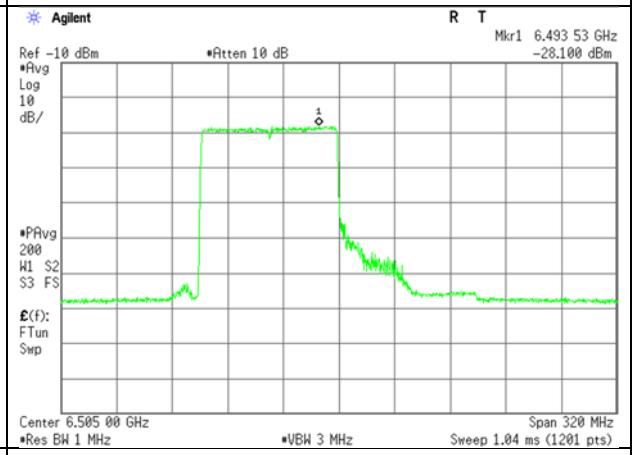
Maximum Power Spectral Density

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

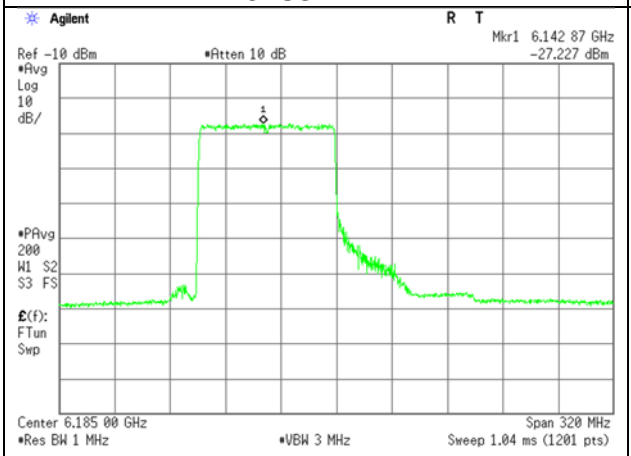
[Segment 0/Index 67]
6025 MHz



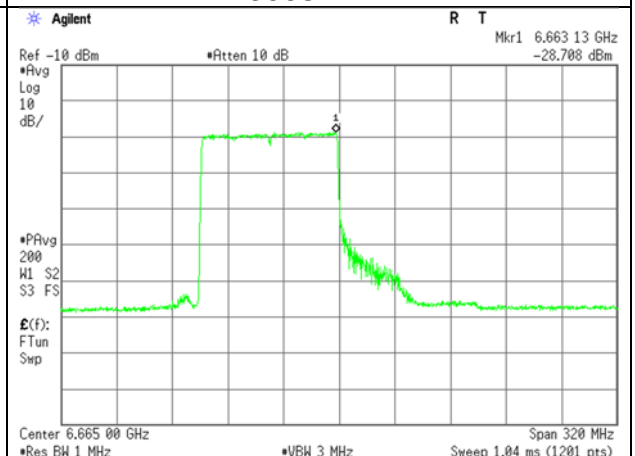
[Segment 0/Index 67]
6505 MHz



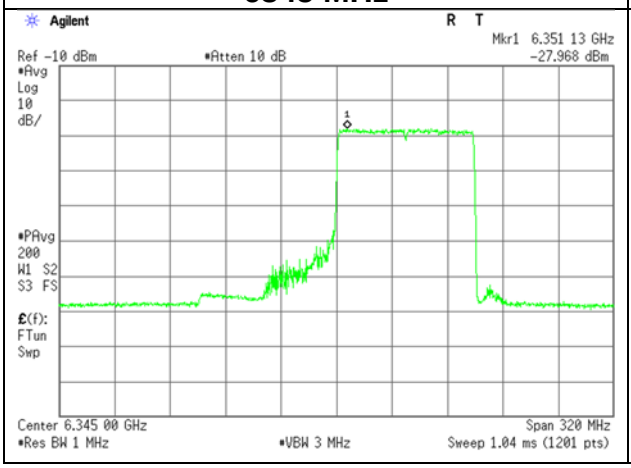
[Segment 0/Index 67]
6185 MHz



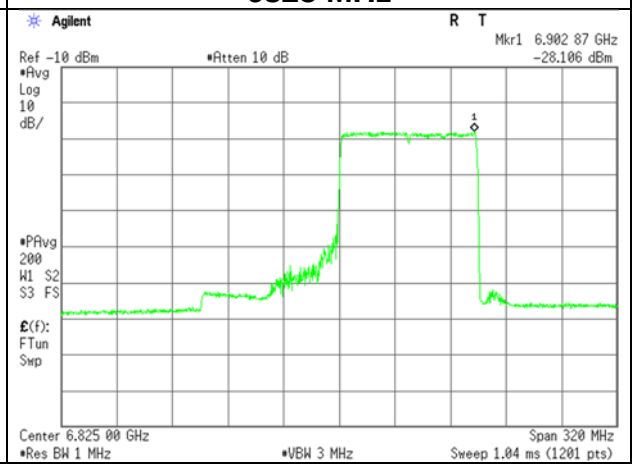
[Segment 0/Index 67]
6665 MHz



[Segment 1/Index 67]
6345 MHz



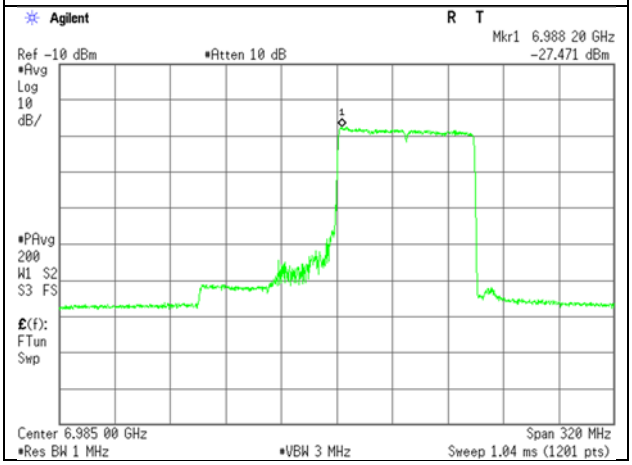
[Segment 1/Index 67]
6825 MHz



Maximum Power Spectral Density

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

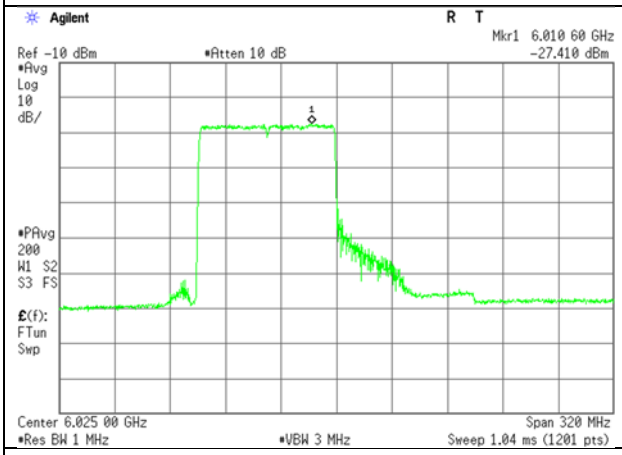
[Segment 1/Index 67]
6985 MHz



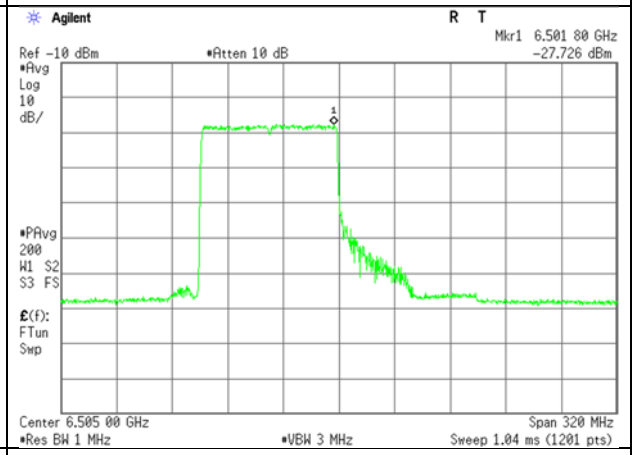
Maximum Power Spectral Density

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

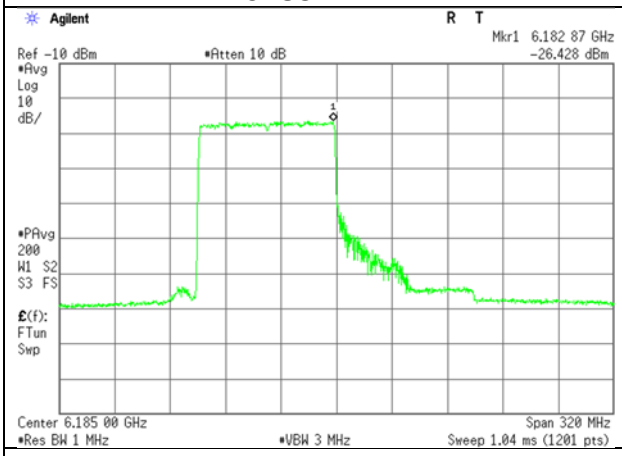
[Segment 0/Index 67]
6025 MHz



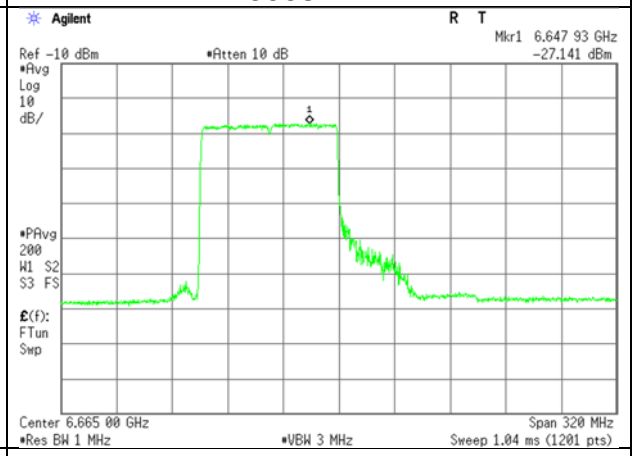
[Segment 0/Index 67]
6505 MHz



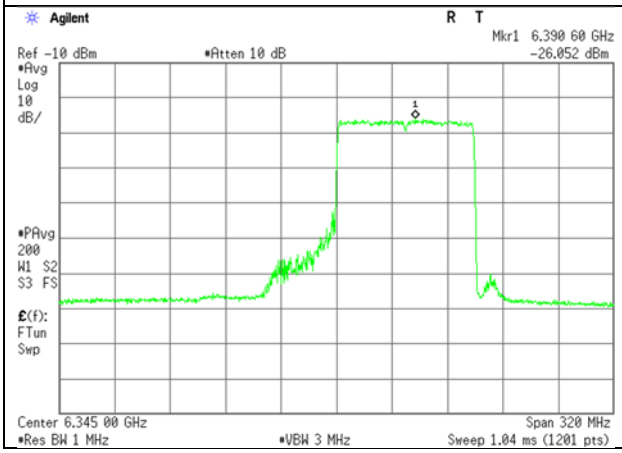
[Segment 0/Index 67]
6185 MHz



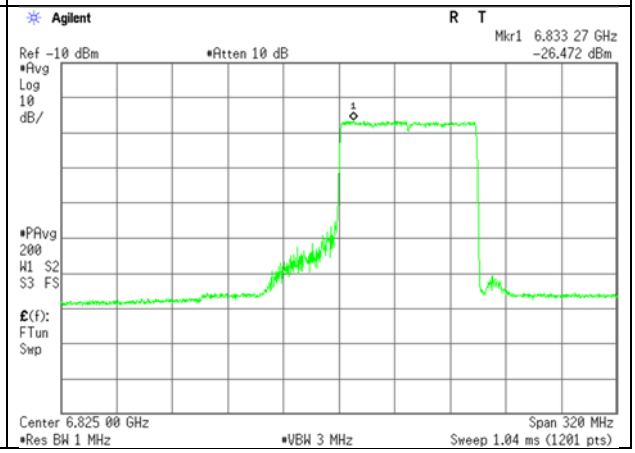
[Segment 0/Index 67]
6665 MHz



[Segment 1/Index 67]
6345 MHz



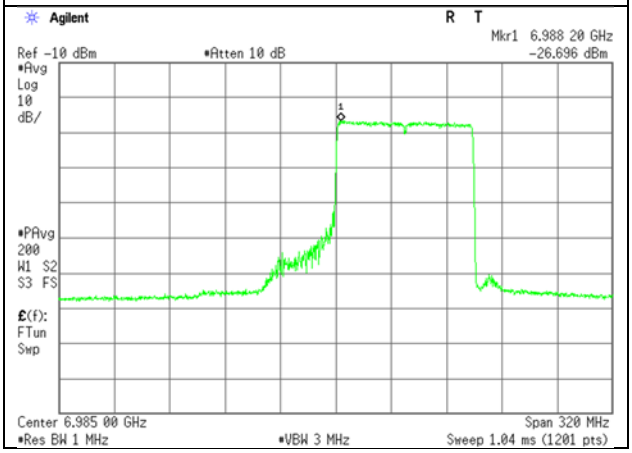
[Segment 1/Index 67]
6825 MHz



Maximum Power Spectral Density

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

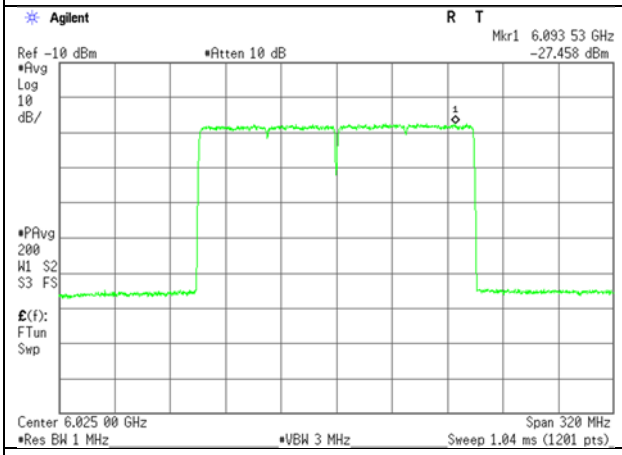
[Segment 1/Index 67]
6985 MHz



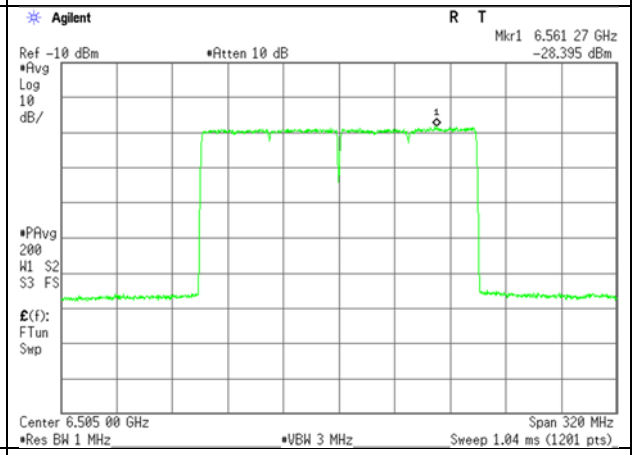
Maximum Power Spectral Density

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

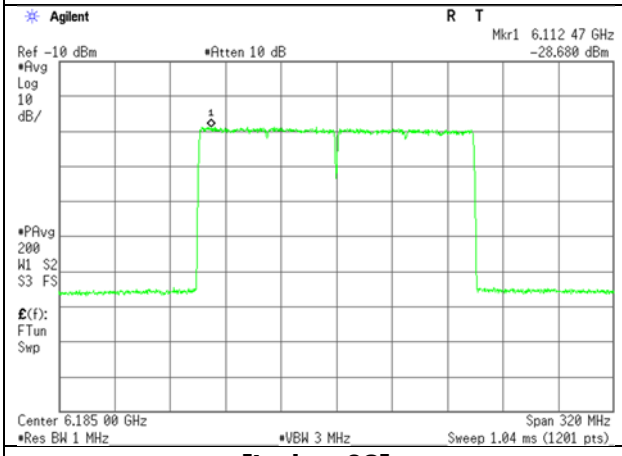
[Index 68]
6025 MHz



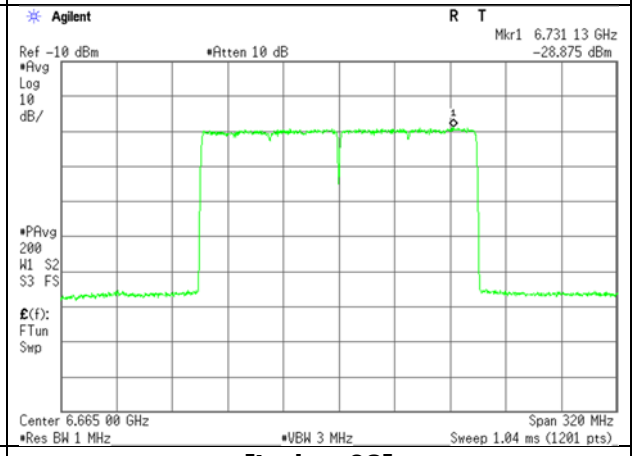
[Index 68]
6505 MHz



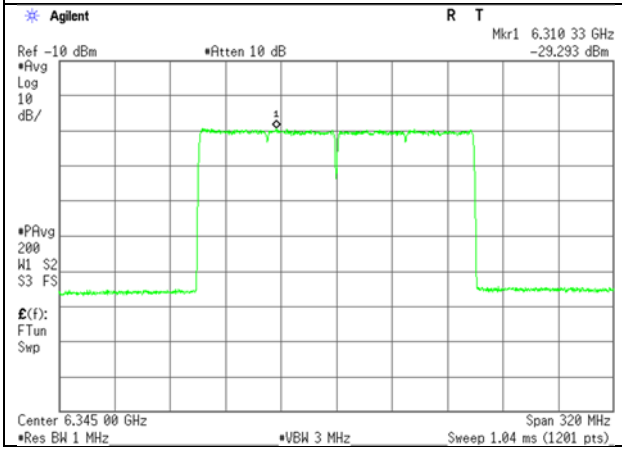
[Index 68]
6185 MHz



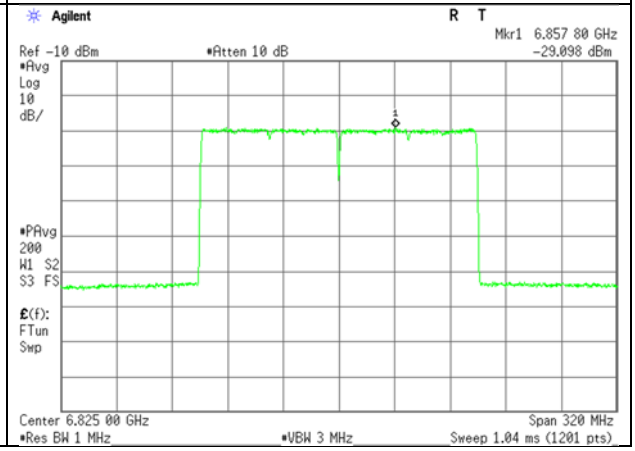
[Index 68]
6665 MHz



[Index 68]
6345 MHz



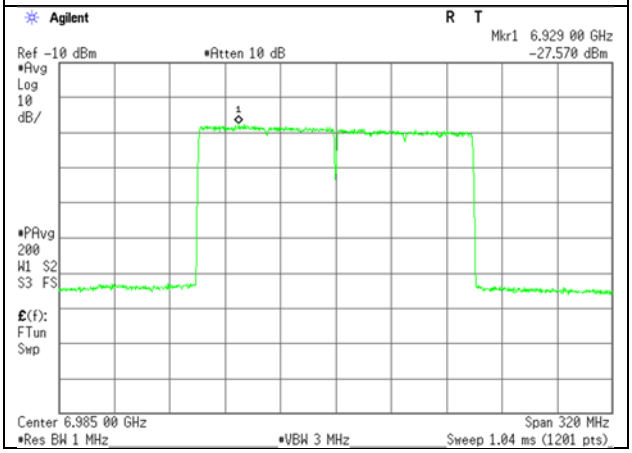
[Index 68]
6825 MHz



Maximum Power Spectral Density

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

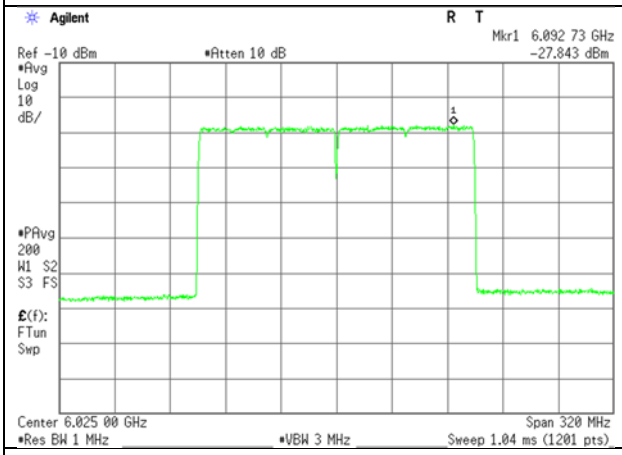
[Index 68]
6985 MHz



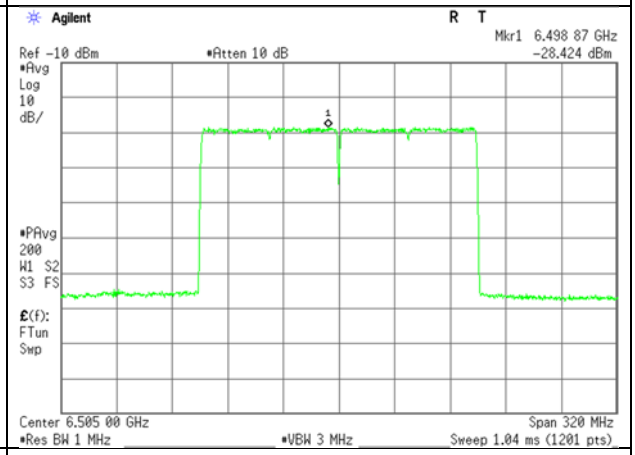
Maximum Power Spectral Density

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

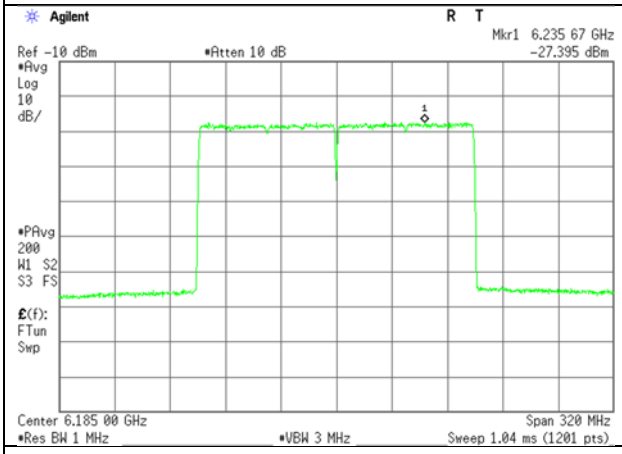
[Index 68]
6025 MHz



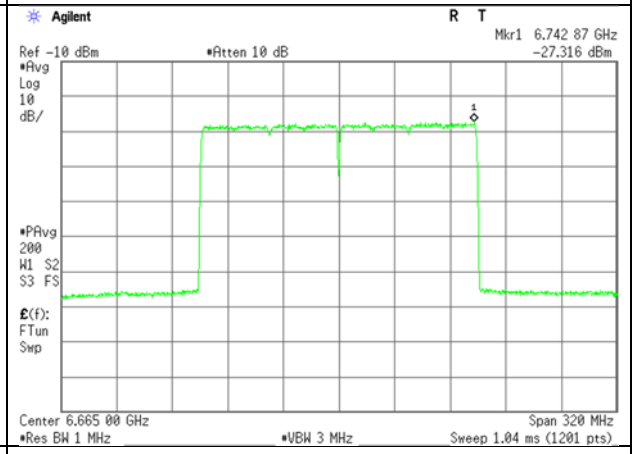
[Index 68]
6505 MHz



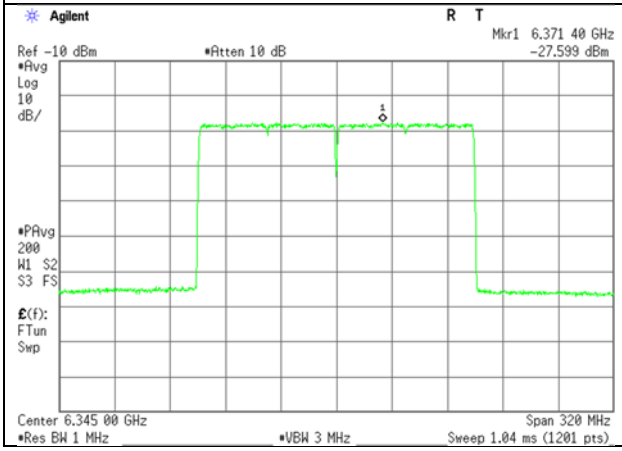
[Index 68]
6185 MHz



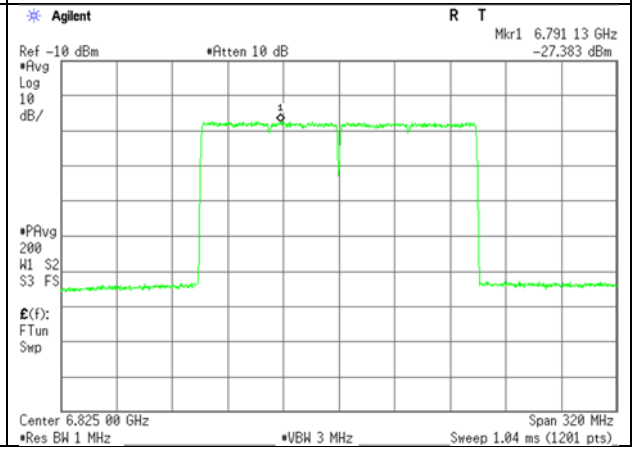
[Index 68]
6665 MHz



[Index 68]
6345 MHz



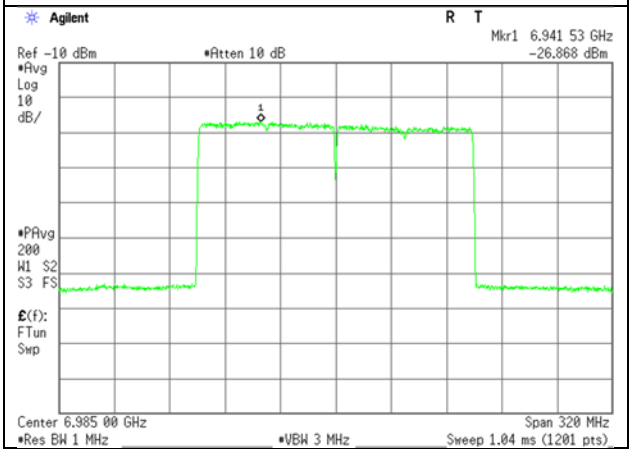
[Index 68]
6825 MHz



Maximum Power Spectral Density

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

[Index 68]
6985 MHz



Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 5955 MHz			

Polarity [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	41.2	31.2	32.4	5.6	34.0	-	45.2	35.2	88.2	68.2	43.0	33.0	Floor noise
Hori.	11910.0	44.9	34.8	39.0	-3.6	33.8	-	46.5	36.4	73.9	53.9	27.4	17.5	Floor noise
Hori.	17865.0	44.0	35.4	46.9	-2.1	32.7	-	56.1	47.5	73.9	53.9	17.8	6.4	Floor noise
Vert.	5925.0	41.4	33.4	32.4	5.6	34.0	-	45.5	37.5	88.2	68.2	42.7	30.7	
Vert.	11910.0	44.9	34.5	39.0	-3.6	33.8	-	46.6	36.1	73.9	53.9	27.3	17.8	Floor noise
Vert.	17865.0	43.9	34.9	46.9	-2.1	32.7	-	56.0	47.0	73.9	53.9	17.9	6.9	Floor noise

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

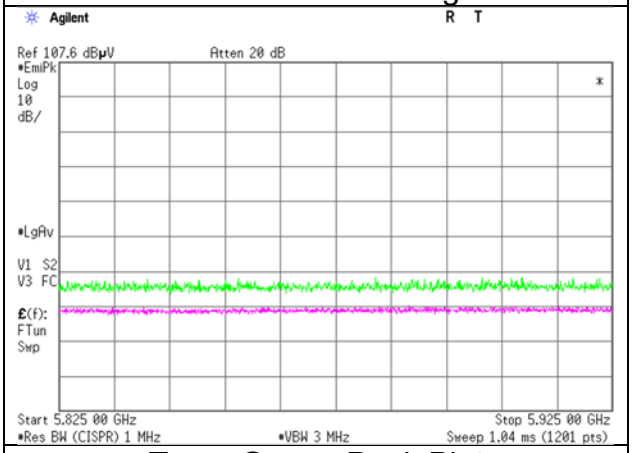
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-20 [OFDM] 5955 MHz

Horizontal

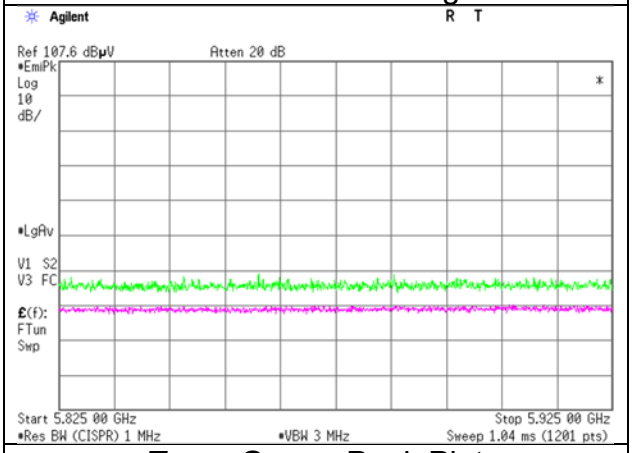
Restricted-band band-edge Plot



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	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6175 MHz			

Polarity [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.	12350.0	42.6	34.8	39.0	-3.5	33.6	-	44.6	36.7	73.9	53.9	29.3	17.2	Floor noise
Hori.	18525.0	42.9	35.1	40.1	-1.9	32.6	-	48.5	40.8	73.9	53.9	25.4	13.2	Floor noise
Vert.	12350.0	43.2	34.2	39.0	-3.5	33.6	-	45.1	36.2	73.9	53.9	28.8	17.8	Floor noise
Vert.	18525.0	42.9	35.0	40.1	-1.9	32.6	-	48.5	40.6	73.9	53.9	25.4	13.3	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6415 MHz			

Polarity [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.	12830.0	42.8	34.7	40.0	-3.4	33.2	-	46.3	38.1	88.2	68.2	41.9	30.1	Floor noise
Hori.	19245.0	43.2	35.1	40.5	-1.8	32.6	-	49.3	41.2	73.9	53.9	24.6	12.7	Floor noise
Vert.	12830.0	42.8	34.7	40.0	-3.4	33.2	-	46.2	38.2	88.2	68.2	42.0	30.1	Floor noise
Vert.	19245.0	43.0	35.2	40.5	-1.8	32.6	-	49.1	41.3	73.9	53.9	24.8	12.6	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6435 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.	12870.0	43.2	34.5	40.0	-3.3	33.2	-	46.7	37.9	88.2	68.2	41.5	30.3	Floor noise
Hori.	19305.0	43.2	35.4	40.5	-1.8	32.7	-	49.3	41.5	73.9	53.9	24.6	12.4	Floor noise
Vert.	12870.0	43.3	34.7	40.0	-3.3	33.2	-	46.8	38.2	88.2	68.2	41.4	30.1	Floor noise
Vert.	19305.0	43.1	35.0	40.5	-1.8	32.7	-	49.2	41.1	73.9	53.9	24.7	12.9	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6475 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.	12950.0	42.9	34.1	40.0	-3.3	33.1	-	46.4	37.7	88.2	68.2	41.8	30.5	Floor noise
Hori.	19425.0	44.4	35.5	40.5	-1.8	32.8	-	50.4	41.5	73.9	53.9	23.5	12.4	Floor noise
Vert.	12950.0	42.6	34.5	40.0	-3.3	33.1	-	46.2	38.0	88.2	68.2	42.0	30.2	Floor noise
Vert.	19425.0	44.7	34.5	40.5	-1.8	32.8	-	50.8	40.6	73.9	53.9	23.1	13.3	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6515 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.	13030.0	42.9	34.2	40.0	-3.3	33.1	-	46.6	37.9	88.2	68.2	41.7	30.3	Floor noise
Hori.	19545.0	42.8	35.7	40.5	-1.7	32.8	-	48.7	41.6	73.9	53.9	25.2	12.3	Floor noise
Vert.	13030.0	43.7	34.3	40.0	-3.3	33.1	-	47.3	37.9	88.2	68.2	40.9	30.3	Floor noise
Vert.	19545.0	43.6	34.6	40.5	-1.7	32.8	-	49.6	40.6	73.9	53.9	24.3	13.3	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6535 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.	13070.0	42.2	33.9	40.1	-3.3	33.0	-	45.9	37.6	88.2	68.2	42.3	30.6	Floor noise
Hori.	19605.0	43.7	37.0	40.5	-1.7	32.9	-	49.6	42.9	73.9	53.9	24.3	11.0	Floor noise
Vert.	13070.0	42.5	34.1	40.1	-3.3	33.0	-	46.2	37.8	88.2	68.2	42.0	30.4	Floor noise
Vert.	19605.0	43.8	35.8	40.5	-1.7	32.9	-	49.7	41.7	73.9	53.9	24.2	12.2	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6695 MHz			

Polarity [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.	13390.0	43.1	34.8	41.1	-3.2	32.8	-	48.1	39.9	73.9	53.9	25.8	14.1	Floor noise
Hori.	20085.0	43.6	37.5	40.3	-1.7	33.1	-	49.1	43.0	73.9	53.9	24.8	10.9	Floor noise
Vert.	13390.0	43.4	34.8	41.1	-3.2	32.8	-	48.4	39.9	73.9	53.9	25.5	14.0	Floor noise
Vert.	20085.0	44.4	35.6	40.3	-1.7	33.1	-	49.9	41.1	73.9	53.9	24.0	12.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6855 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.	13710.0	43.0	34.9	41.5	-3.2	32.5	-	48.9	40.7	88.2	68.2	39.3	27.5	Floor noise
Hori.	20565.0	44.1	36.8	40.3	-1.6	33.3	-	49.5	42.2	73.9	53.9	24.4	11.8	Floor noise
Vert.	13710.0	43.5	35.2	41.5	-3.2	32.5	-	49.4	41.1	88.2	68.2	38.8	27.1	Floor noise
Vert.	20565.0	45.3	36.1	40.3	-1.6	33.3	-	50.7	41.5	73.9	53.9	23.2	12.4	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6875 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.	13750.0	43.2	34.3	41.4	-3.2	32.4	-	49.0	40.1	88.2	68.2	39.2	28.1	Floor noise
Hori.	20625.0	43.8	37.5	40.3	-1.6	33.3	-	49.2	42.9	73.9	53.9	24.7	11.0	Floor noise
Vert.	13750.0	42.9	35.4	41.4	-3.2	32.4	-	48.7	41.2	88.2	68.2	39.5	27.0	Floor noise
Vert.	20625.0	45.3	37.1	40.3	-1.6	33.3	-	50.7	42.5	73.9	53.9	23.2	11.4	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6895 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.	13790.0	44.4	35.3	41.6	-3.1	32.4	-	50.4	41.3	88.2	68.2	37.8	26.9	Floor noise
Hori.	20685.0	43.8	37.5	40.3	-1.6	33.3	-	49.2	42.9	73.9	53.9	24.8	11.0	Floor noise
Vert.	13790.0	44.2	35.1	41.6	-3.1	32.4	-	50.3	41.2	88.2	68.2	37.9	27.0	Floor noise
Vert.	20685.0	45.3	37.1	40.3	-1.6	33.3	-	50.7	42.5	73.9	53.9	23.3	11.4	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 6995 MHz			

Polarity [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.	13990.0	44.4	35.3	41.6	-3.1	32.2	-	50.7	41.6	88.2	68.2	37.5	26.6	Floor noise
Hori.	20985.0	45.6	36.6	40.3	-1.5	33.4	-	50.9	41.9	73.9	53.9	23.1	12.1	Floor noise
Vert.	13990.0	44.8	35.4	41.6	-3.1	32.2	-	51.1	41.7	88.2	68.2	37.1	26.5	Floor noise
Vert.	20985.0	44.4	36.9	40.3	-1.5	33.4	-	49.7	42.2	73.9	53.9	24.2	11.7	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	January 31, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	24 deg. C / 42 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Takeshi Hiyaji	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-20 [OFDM] 7095 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	34.7	35.5	6.0	34.0	-	51.1	42.2	88.2	68.2	37.1	26.0	Floor noise
Hori.	14190.0	45.1	35.7	41.2	-3.1	32.4	-	50.8	41.4	88.2	68.2	37.4	26.9	Floor noise
Hori.	21285.0	44.9	36.7	40.2	-1.4	33.2	-	50.5	42.3	73.9	53.9	23.4	11.7	Floor noise
Vert.	7125.0	43.0	34.7	35.5	6.0	34.0	-	50.6	42.2	88.2	68.2	37.7	26.0	Floor noise
Vert.	14190.0	44.7	35.6	41.2	-3.1	32.4	-	50.4	41.3	88.2	68.2	37.8	26.9	Floor noise
Vert.	21285.0	44.2	36.9	40.2	-1.4	33.2	-	49.8	42.5	73.9	53.9	24.1	11.4	Floor noise

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

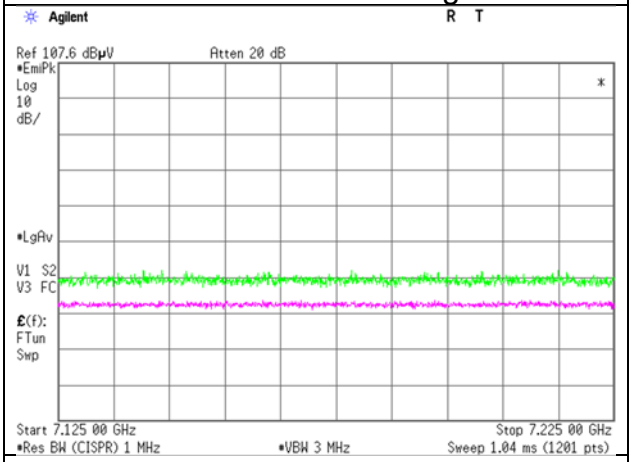
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-20 [OFDM] 7095 MHz

Horizontal

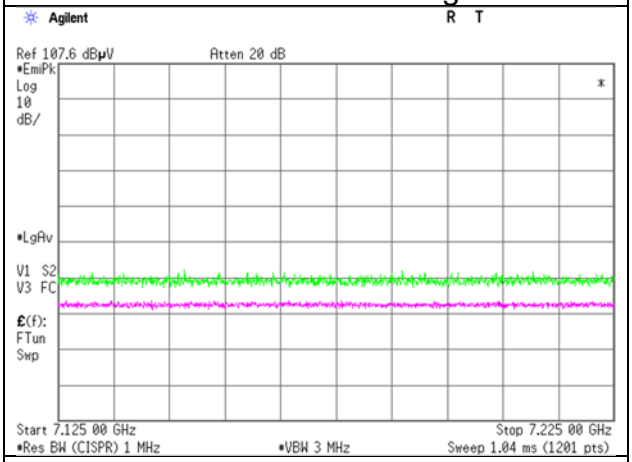
Restricted-band band-edge Plot



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

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

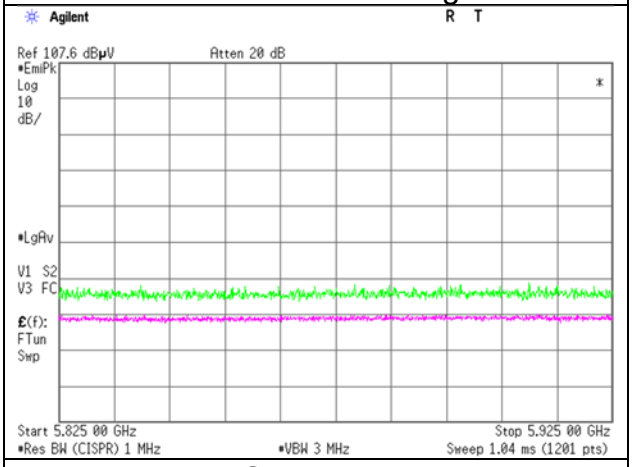
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
Mode	Tx 11be-20 [26-tone RU/Index 0] 5955 MHz

Horizontal

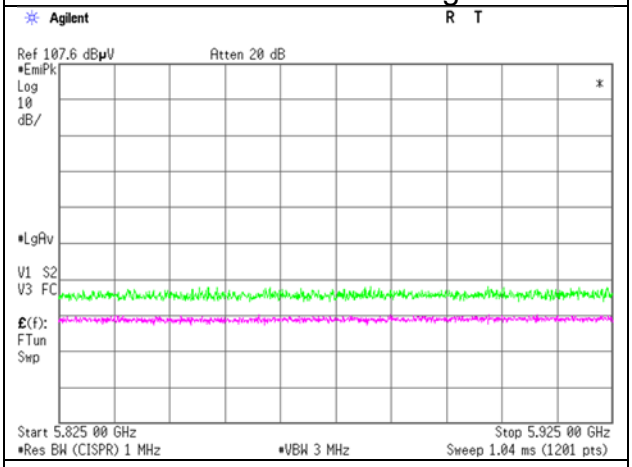
Restricted-band band-edge Plot



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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-20 [52-tone RU/Index 37] 5955 MHz

Polarity [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	41.2	31.3	32.4	5.6	34.0	-	45.3	35.3	88.2	68.2	42.9	32.9	Floor noise
Vert.	5925.0	41.7	33.4	32.4	5.6	34.0	0.3	45.7	37.7	88.2	68.2	42.5	30.5	*1)

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

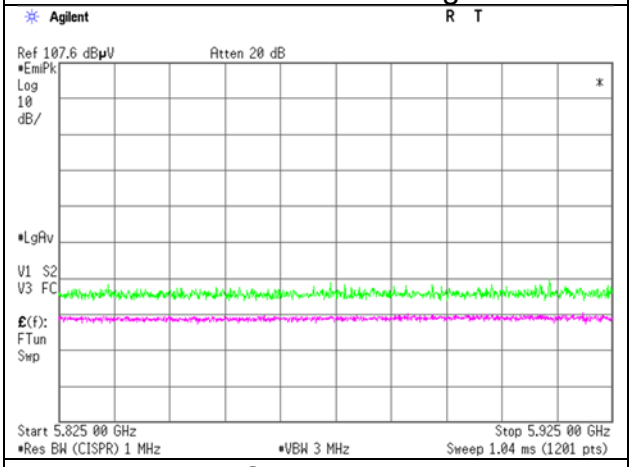
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
Mode	Tx 11be-20 [52-tone RU/Index 37] 5955 MHz

Horizontal

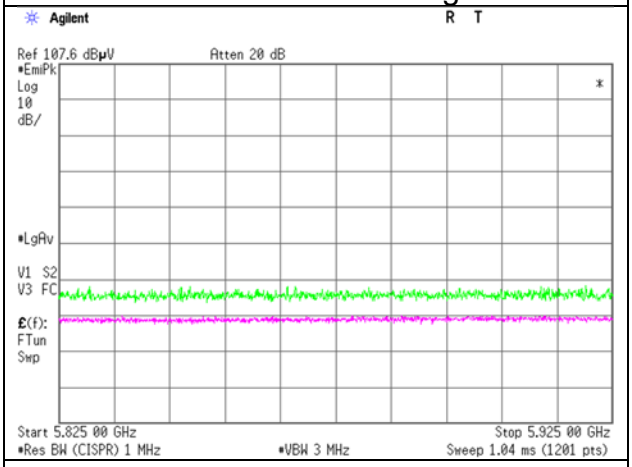
Restricted-band band-edge Plot



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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-20 [106-tone RU/Index 53] 5955 MHz

Polarity [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	41.8	31.2	32.4	5.6	34.0	-	45.8	35.3	88.2	68.2	42.4	32.9	Floor noise
Vert.	5925.0	41.8	33.3	32.4	5.6	34.0	0.3	45.8	37.7	88.2	68.2	42.4	30.5	*1)

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

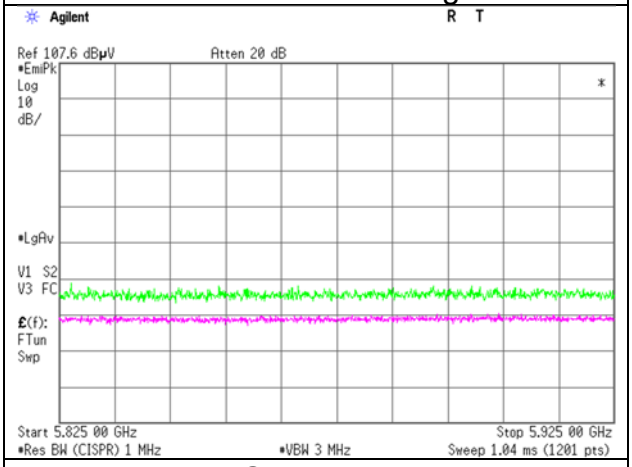
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
Mode	Tx 11be-20 [106-tone RU/Index 53] 5955 MHz

Horizontal

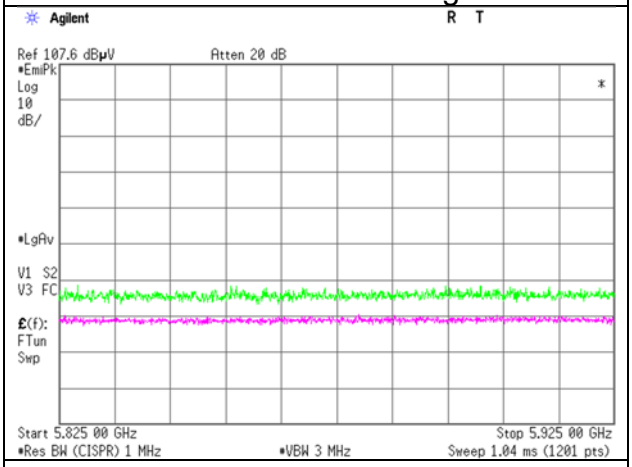
Restricted-band band-edge Plot



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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-20 [242-tone RU/Index 61] 5955 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	41.5	33.2	32.4	5.6	34.0	-	45.5	37.3	88.2	68.2	42.7	30.9	Floor noise
Vert.	5925.0	41.8	33.6	32.4	5.6	34.0	-	45.8	37.6	88.2	68.2	42.4	30.6	Floor noise

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

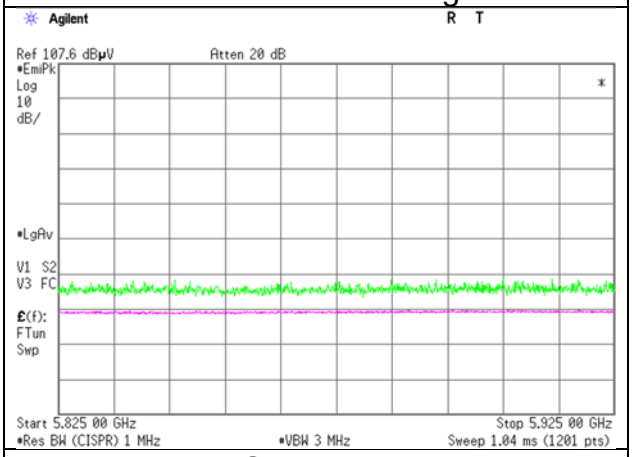
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Ken Fujita
Mode	Tx 11be-20 [242-tone RU/Index 61] 5955 MHz

Horizontal

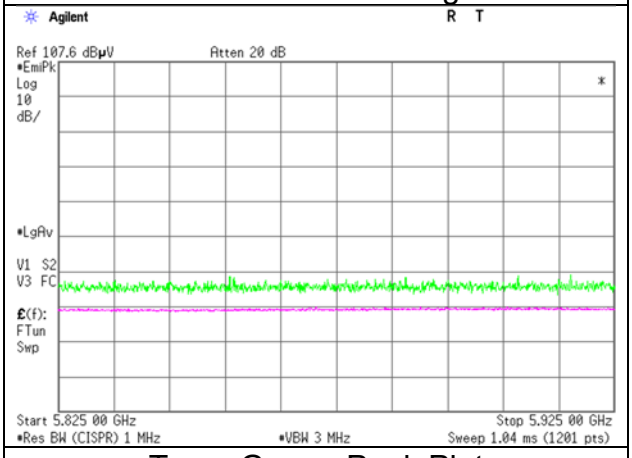
Restricted-band band-edge Plot



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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
	(1 GHz to 10 GHz)
Mode	Tx 11be-20 [26-tone RU/Index 8] 7095 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	34.7	35.5	6.0	34.0	-	51.1	42.2	88.2	68.2	37.1	26.0	Floor noise
Vert.	7125.0	42.6	34.7	35.5	6.0	34.0	-	50.2	42.2	88.2	68.2	38.1	26.0	Floor noise

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

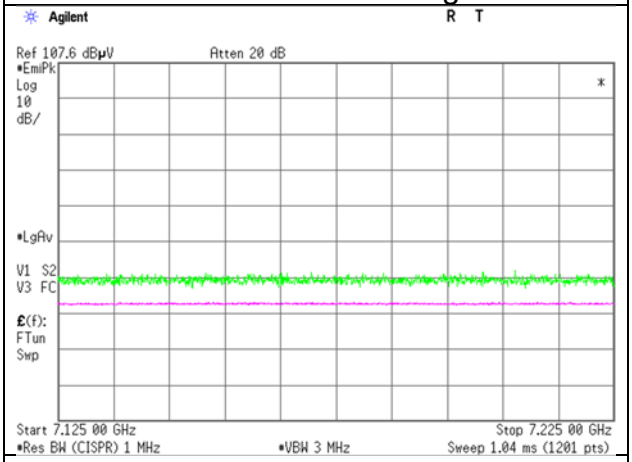
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-20 [26-tone RU/Index 8] 7095 MHz

Horizontal

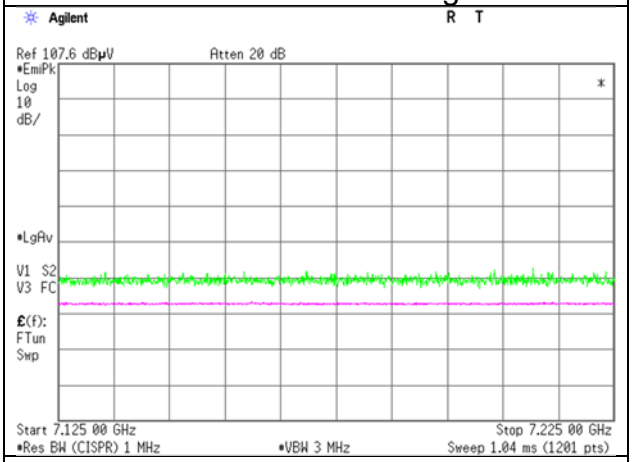
Restricted-band band-edge Plot



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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-20 [52-tone RU/Index 40] 7095 MHz

Polarity [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	43.0	34.5	35.5	6.0	34.0	-	50.6	42.1	88.2	68.2	37.6	26.2	Floor noise
Vert.	7125.0	42.3	34.5	35.5	6.0	34.0	-	49.9	42.1	88.2	68.2	38.3	26.1	Floor noise

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

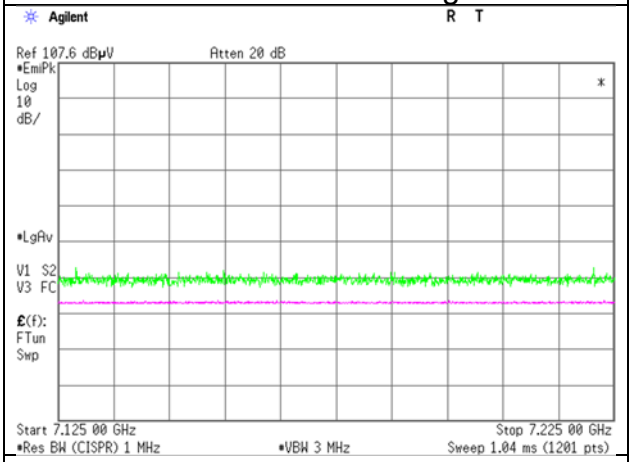
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-20 [52-tone RU/Index 40] 7095 MHz

Horizontal

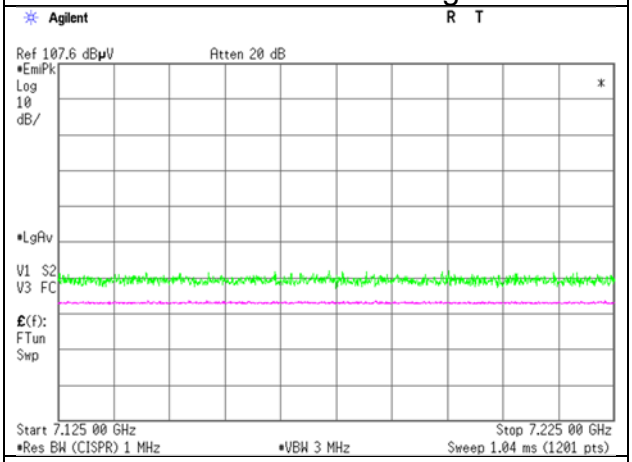
Restricted-band band-edge Plot



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

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

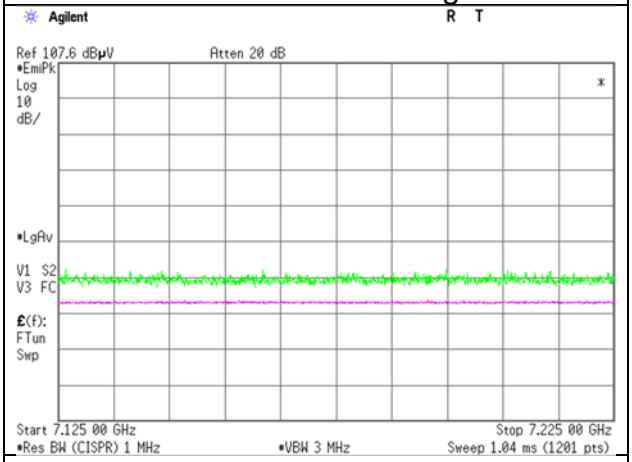
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-20 [106-tone RU/Index 54] 7095 MHz

Horizontal

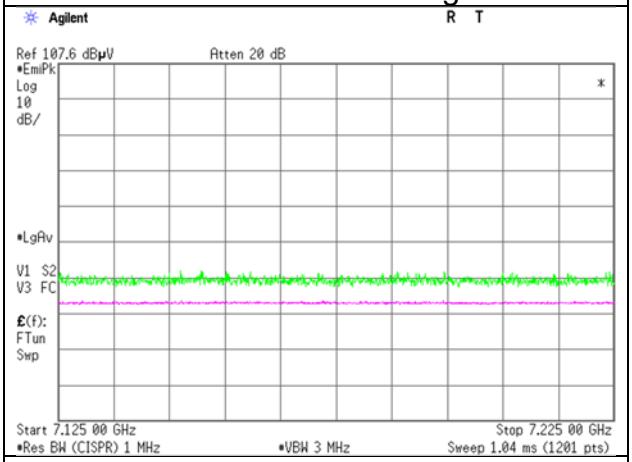
Restricted-band band-edge Plot



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	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-20 [242-tone RU/Index 61] 7095 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	43.4	34.6	35.5	6.0	34.0	-	51.0	42.2	88.2	68.2	37.2	26.1	Floor noise
Vert.	7125.0	42.5	34.5	35.5	6.0	34.0	-	50.0	42.1	88.2	68.2	38.2	26.1	Floor noise

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

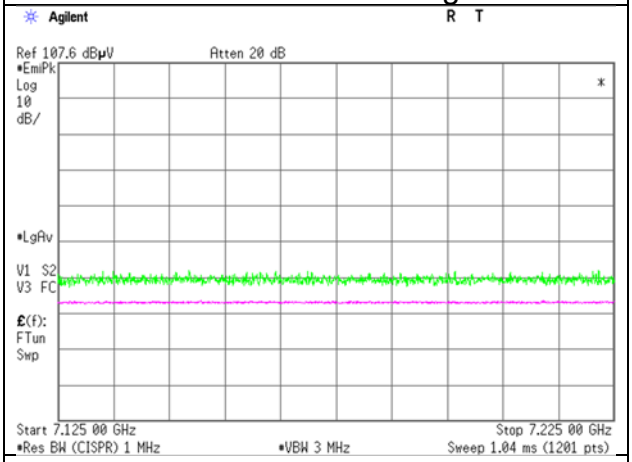
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 31, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-20 [242-tone RU/Index 61] 7095 MHz

Horizontal

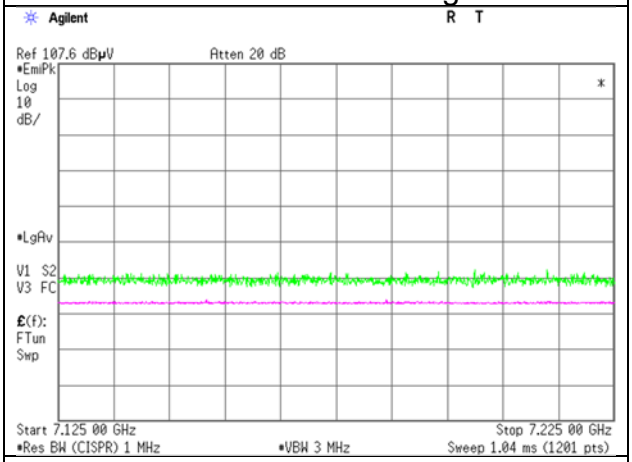
Restricted-band band-edge Plot



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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 5965 MHz			

Polarity [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	42.4	31.5	32.4	5.6	34.0	-	46.4	35.6	88.2	68.2	41.8	32.6	Floor noise
Hori.	11930.0	42.6	34.8	39.1	-3.6	33.8	-	44.3	36.5	73.9	53.9	29.6	17.4	Floor noise
Hori.	17895.0	42.5	34.9	47.3	-2.1	32.7	-	55.0	47.4	73.9	53.9	18.9	6.5	Floor noise
Vert.	5925.0	42.3	31.5	32.4	5.6	34.0	-	46.3	35.5	88.2	68.2	41.9	32.7	Floor noise
Vert.	11930.0	43.3	34.9	39.1	-3.6	33.8	-	45.0	36.6	73.9	53.9	28.9	17.3	Floor noise
Vert.	17895.0	42.6	34.6	47.3	-2.1	32.7	-	55.1	47.1	73.9	53.9	18.8	6.8	Floor noise

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

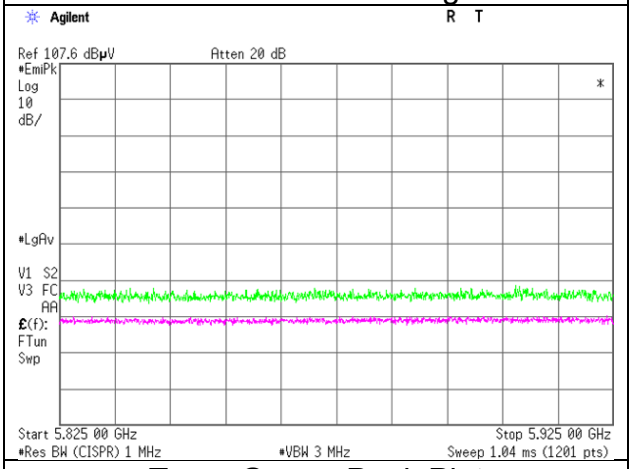
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Ken Fujita
Mode	Tx 11be-40 [OFDM] 5965 MHz

Horizontal

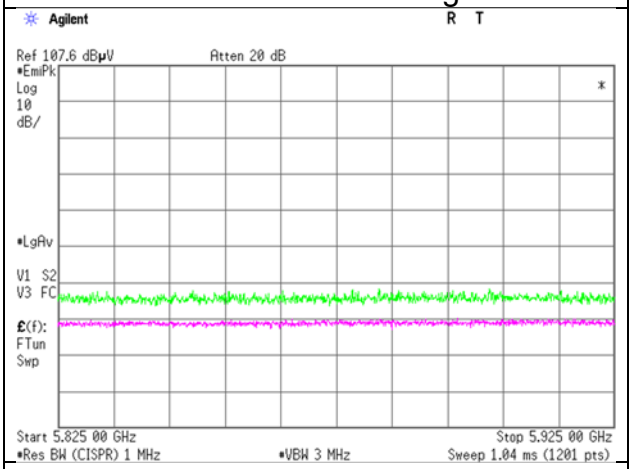
Restricted-band band-edge Plot



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 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6165 MHz			

Polarity [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.	12330.0	43.2	33.8	39.0	-3.5	33.6	-	45.1	35.7	73.9	53.9	28.8	18.2	Floor noise
Hori.	18495.0	42.5	35.1	40.1	-1.9	32.6	-	48.1	40.7	73.9	53.9	25.8	13.2	Floor noise
Vert.	12330.0	42.7	33.5	39.0	-3.5	33.6	-	44.6	35.5	73.9	53.9	29.3	18.4	Floor noise
Vert.	18495.0	42.5	34.5	40.1	-1.9	32.6	-	48.1	40.1	73.9	53.9	25.8	13.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6405 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.	12810.0	43.2	34.8	40.0	-3.4	33.2	-	46.6	38.2	88.2	68.2	41.6	30.1	Floor noise
Hori.	19215.0	42.2	34.9	40.5	-1.8	32.6	-	48.3	41.0	73.9	53.9	25.6	12.9	Floor noise
Vert.	12810.0	43.4	34.9	40.0	-3.4	33.2	-	46.8	38.3	88.2	68.2	41.5	29.9	Floor noise
Vert.	19215.0	43.7	35.7	40.5	-1.8	32.6	-	49.7	41.8	73.9	53.9	24.2	12.1	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6445 MHz			

Polarity [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.	12890.0	43.2	34.8	40.0	-3.3	33.2	-	46.7	38.3	88.2	68.2	41.5	30.0	Floor noise
Hori.	19335.0	43.1	35.8	40.5	-1.8	32.7	-	49.2	41.8	73.9	53.9	24.7	12.1	Floor noise
Vert.	12890.0	42.8	34.5	40.0	-3.3	33.2	-	46.3	38.0	88.2	68.2	42.0	30.2	Floor noise
Vert.	19335.0	43.6	36.0	40.5	-1.8	32.7	-	49.6	42.1	73.9	53.9	24.3	11.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6485 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.	12970.0	43.3	33.9	40.0	-3.3	33.1	-	46.8	37.4	88.2	68.2	41.4	30.8	Floor noise
Hori.	19455.0	43.0	35.3	40.5	-1.7	32.8	-	49.1	41.3	73.9	53.9	24.9	12.6	Floor noise
Vert.	12970.0	43.3	34.5	40.0	-3.3	33.1	-	46.9	38.0	88.2	68.2	41.4	30.2	Floor noise
Vert.	19455.0	42.5	34.6	40.5	-1.7	32.8	-	48.5	40.6	73.9	53.9	25.4	13.3	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6525 MHz			

Polarity [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.	13050.0	44.4	34.5	40.0	-3.3	33.1	-	48.1	38.2	88.2	68.2	40.1	30.0	Floor noise
Hori.	19575.0	43.1	35.1	40.5	-1.7	32.8	-	49.0	41.0	73.9	53.9	24.9	12.9	Floor noise
Vert.	13050.0	43.5	34.1	40.0	-3.3	33.1	-	47.2	37.8	88.2	68.2	41.0	30.5	Floor noise
Vert.	19575.0	44.2	35.1	40.5	-1.7	32.8	-	50.1	41.0	73.9	53.9	23.8	12.9	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6565 MHz			

Polarity [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.	13130.0	44.4	34.5	40.1	-3.3	33.0	-	48.3	38.4	88.2	68.2	39.9	29.8	Floor noise
Hori.	19695.0	42.9	35.7	40.4	-1.7	32.9	-	48.7	41.5	73.9	53.9	25.3	12.4	Floor noise
Vert.	13130.0	43.5	33.9	40.1	-3.3	33.0	-	47.4	37.8	88.2	68.2	40.8	30.4	Floor noise
Vert.	19695.0	43.0	35.1	40.4	-1.7	32.9	-	48.8	40.9	73.9	53.9	25.2	13.0	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6685 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.	13370.0	43.2	34.0	41.0	-3.2	32.8	-	48.1	38.9	73.9	53.9	25.8	15.0	Floor noise
Hori.	20055.0	43.5	35.6	40.3	-1.7	33.1	-	49.1	41.2	73.9	53.9	24.9	12.8	Floor noise
Vert.	13370.0	43.2	34.3	41.0	-3.2	32.8	-	48.1	39.3	73.9	53.9	25.8	14.6	Floor noise
Vert.	20055.0	44.8	36.4	40.3	-1.7	33.1	-	50.3	41.9	73.9	53.9	23.6	12.0	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6845 MHz			

Polarity [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.	13690.0	43.4	34.1	41.5	-3.2	32.5	-	49.2	39.9	88.2	68.2	39.0	28.3	Floor noise
Hori.	20535.0	43.9	36.6	40.3	-1.6	33.3	-	49.3	42.0	73.9	53.9	24.6	11.9	Floor noise
Vert.	13690.0	43.7	34.3	41.5	-3.2	32.5	-	49.5	40.2	88.2	68.2	38.7	28.1	Floor noise
Vert.	20535.0	45.0	35.7	40.3	-1.6	33.3	-	50.4	41.1	73.9	53.9	23.6	12.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6885 MHz			

Polarity [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.	13770.0	43.7	35.6	41.5	-3.2	32.4	-	49.6	41.5	88.2	68.2	38.6	26.7	Floor noise
Hori.	20655.0	44.9	36.8	40.3	-1.6	33.3	-	50.3	42.2	73.9	53.9	23.6	11.7	Floor noise
Vert.	13770.0	43.9	35.5	41.5	-3.2	32.4	-	49.8	41.4	88.2	68.2	38.4	26.8	Floor noise
Vert.	20655.0	45.6	36.3	40.3	-1.6	33.3	-	50.9	41.7	73.9	53.9	23.0	12.2	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 6925 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.	13850.0	43.6	36.0	41.5	-3.1	32.3	-	49.6	42.0	88.2	68.2	38.6	26.3	Floor noise
Hori.	20775.0	44.4	36.4	40.3	-1.6	33.4	-	49.8	41.7	73.9	53.9	24.1	12.2	Floor noise
Vert.	13850.0	44.1	36.1	41.5	-3.1	32.3	-	50.1	42.1	88.2	68.2	38.1	26.1	Floor noise
Vert.	20775.0	44.5	36.9	40.3	-1.6	33.4	-	49.8	42.2	73.9	53.9	24.1	11.7	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 7005 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.	14010.0	44.9	36.6	41.6	-3.1	32.2	-	51.2	42.9	88.2	68.2	37.0	25.3	Floor noise
Hori.	21015.0	45.3	36.9	40.2	-1.5	33.4	-	50.5	42.2	73.9	53.9	23.4	11.7	Floor noise
Vert.	14010.0	44.8	36.7	41.6	-3.1	32.2	-	51.1	43.0	88.2	68.2	37.1	25.2	Floor noise
Vert.	21015.0	44.8	36.2	40.2	-1.5	33.4	-	50.0	41.5	73.9	53.9	23.9	12.4	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 1, 2024	February 6, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 45 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-40 [OFDM] 7085 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	43.0	32.6	35.5	6.0	34.0	-	50.5	40.2	88.2	68.2	37.7	28.1	Floor noise
Hori.	14170.0	44.9	35.6	41.2	-3.1	32.4	-	50.7	41.3	88.2	68.2	37.5	26.9	Floor noise
Hori.	21255.0	45.3	36.7	40.2	-1.4	33.3	-	50.8	42.2	73.9	53.9	23.1	11.7	Floor noise
Vert.	7125.0	42.8	32.7	35.5	6.0	34.0	-	50.4	40.2	88.2	68.2	37.9	28.0	Floor noise
Vert.	14170.0	44.3	35.9	41.2	-3.1	32.4	-	50.1	41.7	88.2	68.2	38.1	26.5	Floor noise
Vert.	21255.0	45.4	37.4	40.2	-1.4	33.3	-	50.9	42.9	73.9	53.9	23.0	11.0	Floor noise

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

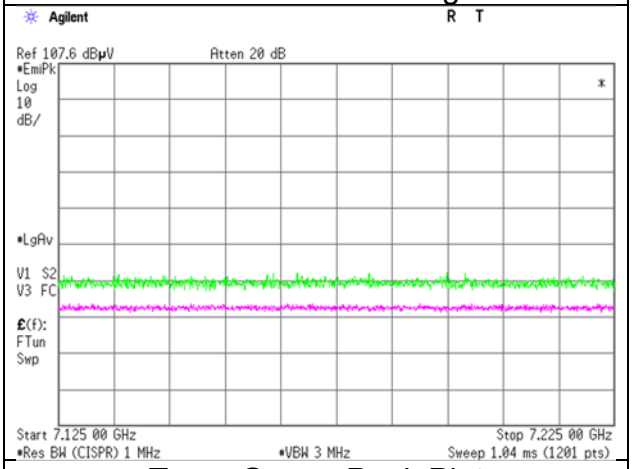
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Ken Fujita
Mode	Tx 11be-40 [OFDM] 7085 MHz

Horizontal

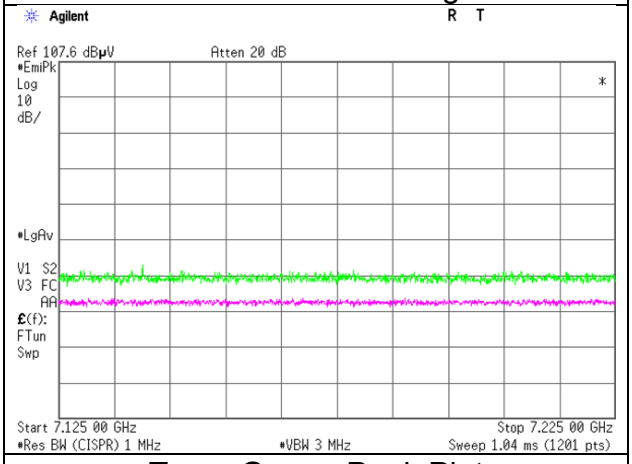
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [26-tone RU/Index 0] 5965 MHz

Polarity [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	31.3	32.4	5.6	34.0	-	46.6	35.3	88.2	68.2	41.6	32.9	Floor noise
Vert.	5925.0	42.4	31.3	32.4	5.6	34.0	-	46.5	35.3	88.2	68.2	41.7	32.9	Floor noise

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

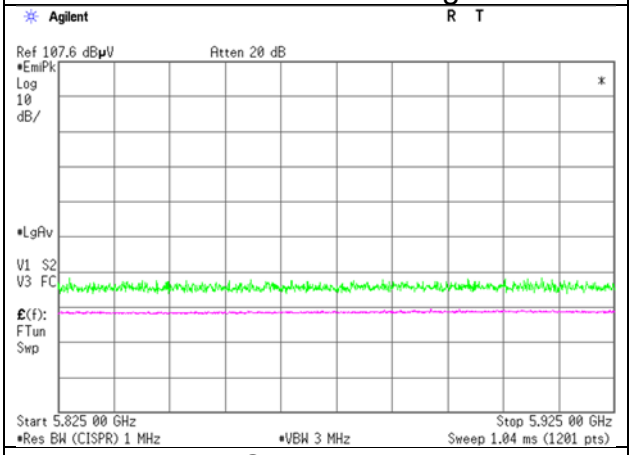
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Ken Fujita
Mode	Tx 11be-40 [26-tone RU/Index 0] 5965 MHz

Horizontal

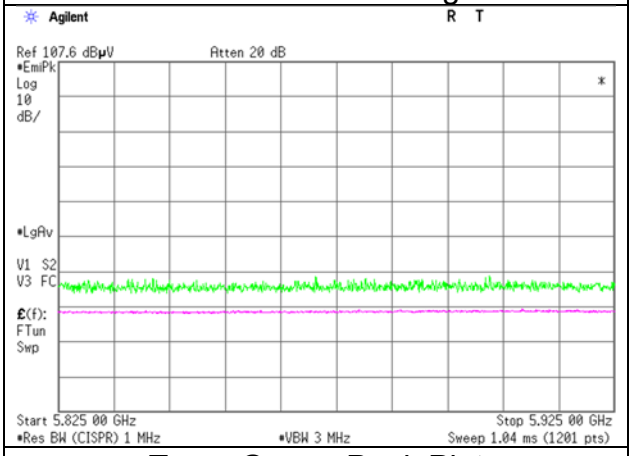
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-40 [52-tone RU/Index 37] 5965 MHz

Polarity [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	41.8	33.5	32.4	5.6	34.0	-	45.9	37.6	88.2	68.2	42.4	30.7	Floor noise
Vert.	5925.0	42.2	33.5	32.4	5.6	34.0	-	46.2	37.5	88.2	68.2	42.0	30.7	Floor noise

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

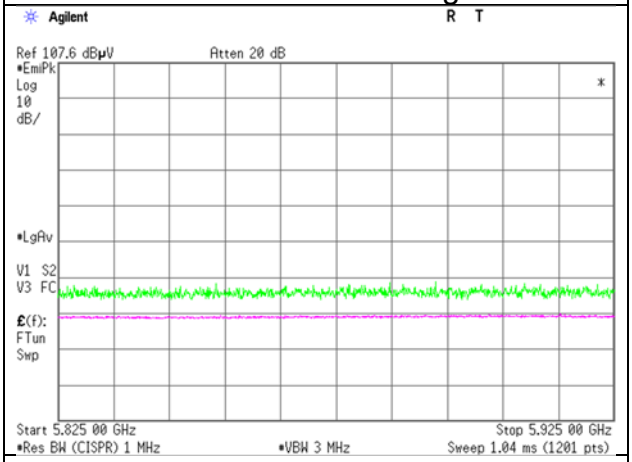
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [52-tone RU/Index 37] 5965 MHz

Horizontal

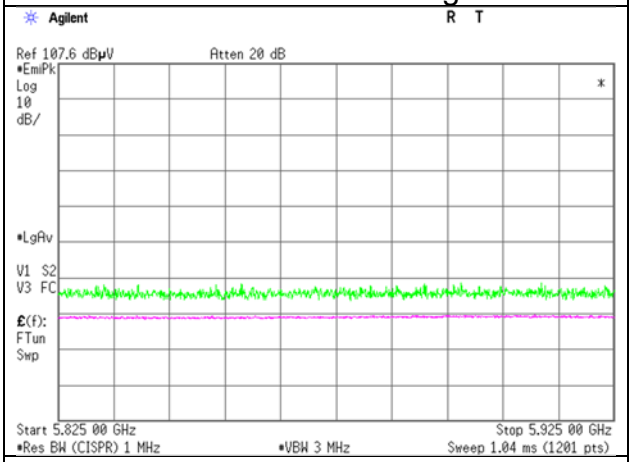
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-40 [106-tone RU/Index 53] 5965 MHz

Polarity [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	41.5	33.6	32.4	5.6	34.0	-	45.5	37.7	88.2	68.2	42.7	30.5	Floor noise
Vert.	5925.0	41.8	33.9	32.4	5.6	34.0	-	45.8	37.9	88.2	68.2	42.4	30.3	Floor noise

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

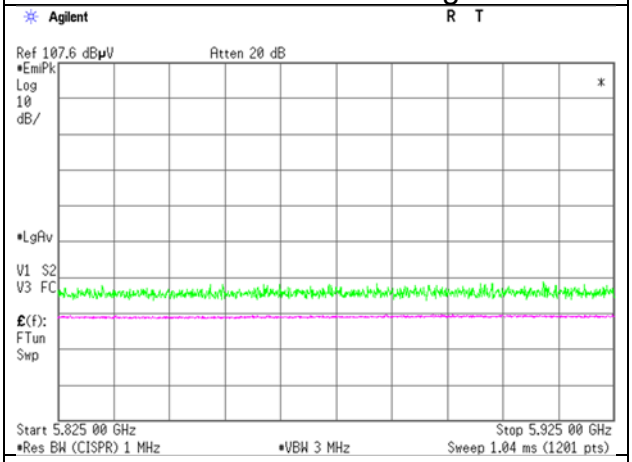
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [106-tone RU/Index 53] 5965 MHz

Horizontal

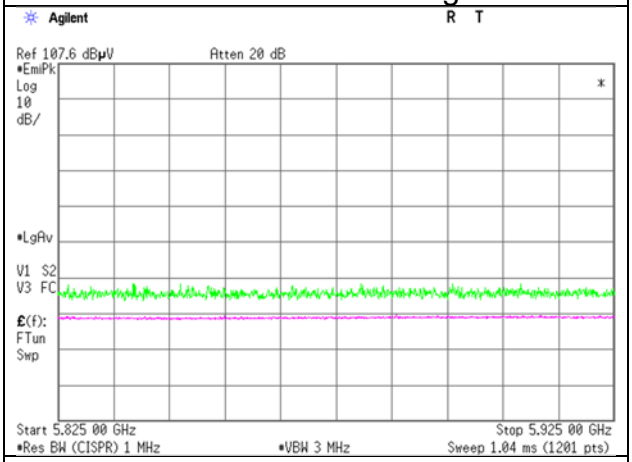
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji (1 GHz to 10 GHz)
Mode	Tx 11be-40 [242-tone RU/Index 61] 5965 MHz

Polarity [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	41.9	33.9	32.4	5.6	34.0	-	46.0	37.9	88.2	68.2	42.2	30.3	Floor noise
Vert.	5925.0	41.3	33.6	32.4	5.6	34.0	-	45.3	37.6	88.2	68.2	42.9	30.6	Floor noise

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

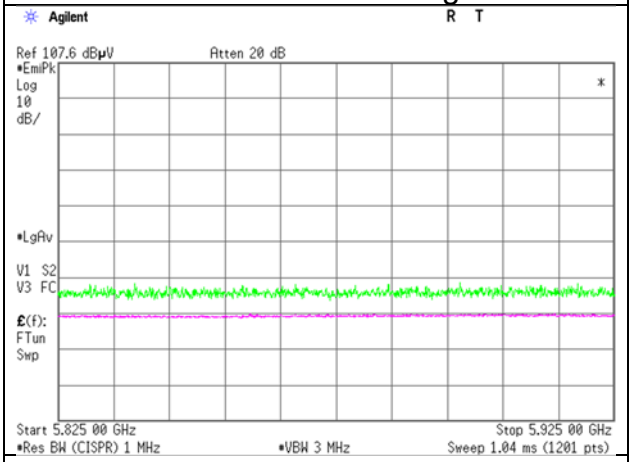
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [242-tone RU/Index 61] 5965 MHz

Horizontal

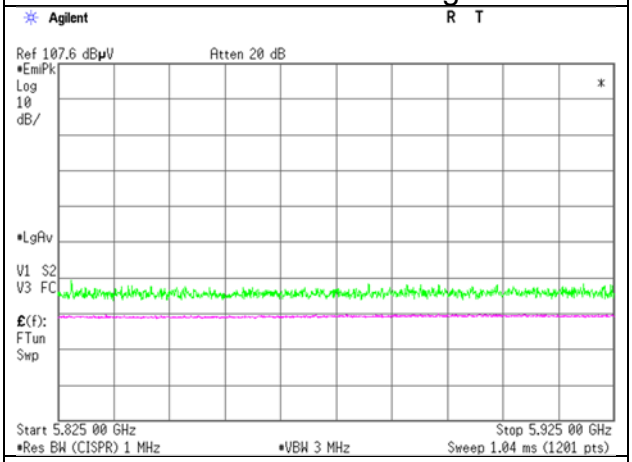
Restricted-band band-edge Plot



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

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

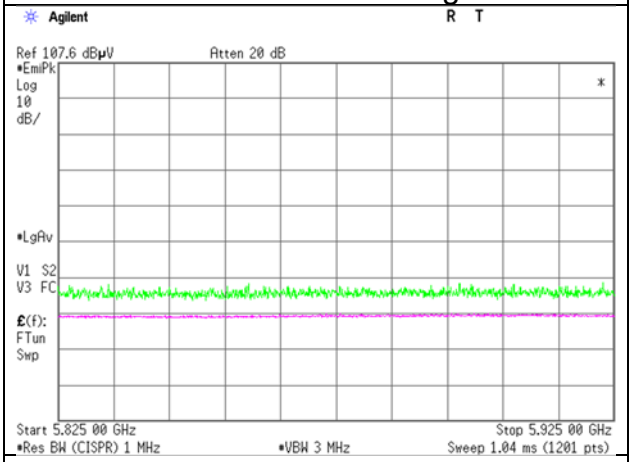
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [484-tone RU/Index 65] 5965 MHz

Horizontal

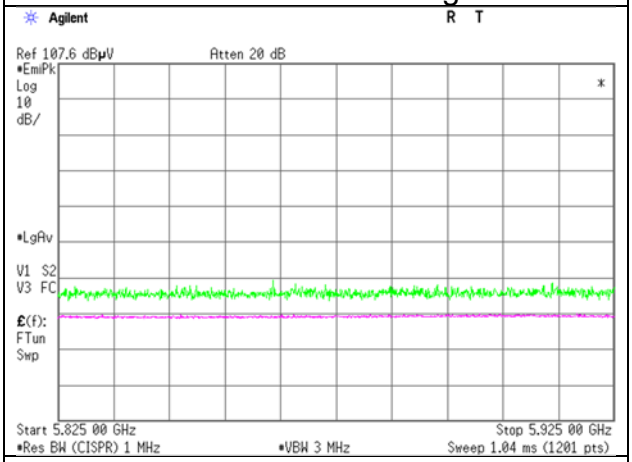
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [26-tone RU/Index 17] 7085 MHz

Polarity [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	42.9	32.6	35.5	6.0	34.0	-	50.4	40.2	88.2	68.2	37.8	28.1	Floor noise
Vert.	7125.0	43.4	32.5	35.5	6.0	34.0	-	50.9	40.1	88.2	68.2	37.3	28.2	Floor noise

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

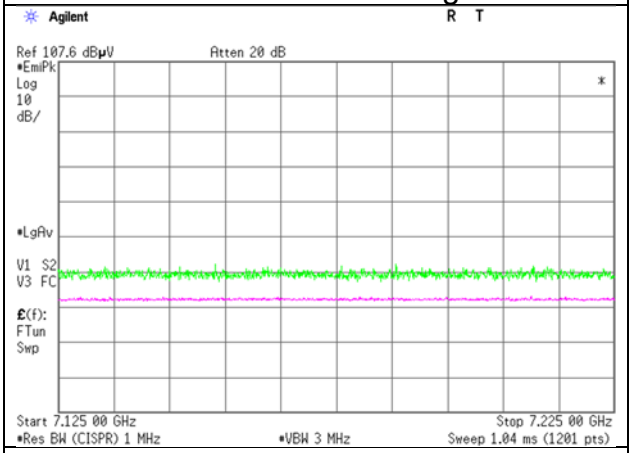
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Ken Fujita
Mode	Tx 11be-40 [26-tone RU/Index 17] 7085 MHz

Horizontal

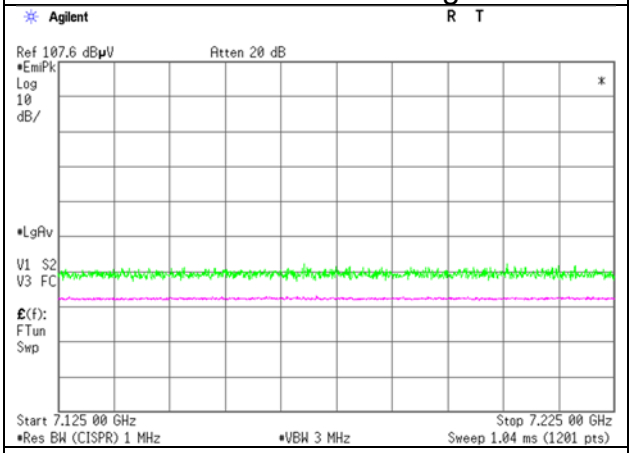
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [52-tone RU/Index 44] 7085 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	42.4	34.9	35.5	6.0	34.0	-	50.0	42.4	88.2	68.2	38.2	25.8	Floor noise
Vert.	7125.0	42.4	34.9	35.5	6.0	34.0	-	50.0	42.4	88.2	68.2	38.2	25.8	Floor noise

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

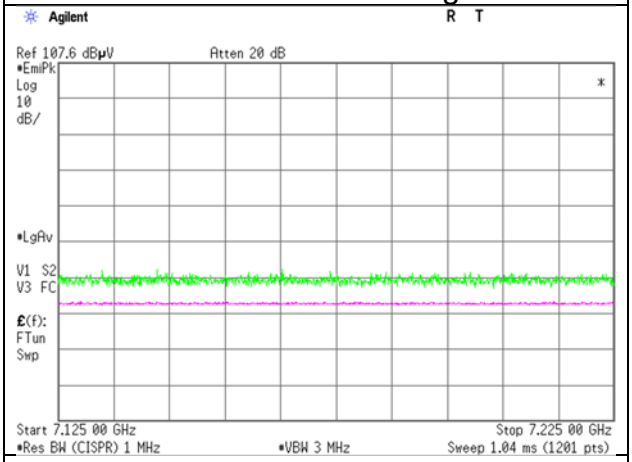
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [52-tone RU/Index 44] 7085 MHz

Horizontal

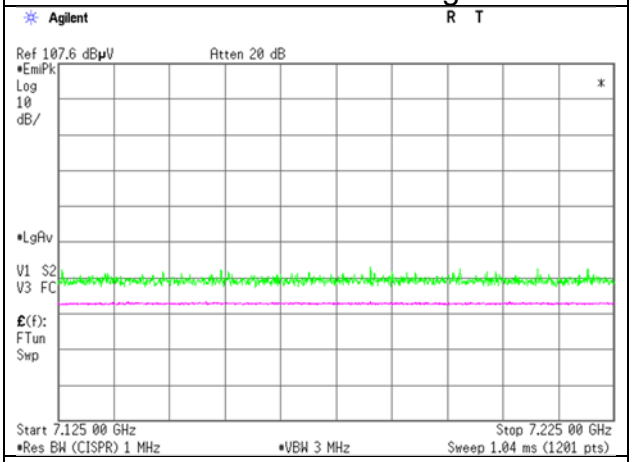
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [106-tone RU/Index 56] 7085 MHz

Polarity [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	41.9	34.8	35.5	6.0	34.0	-	49.4	42.3	88.2	68.2	38.8	25.9	Floor noise
Vert.	7125.0	43.0	34.8	35.5	6.0	34.0	-	50.5	42.3	88.2	68.2	37.7	25.9	Floor noise

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

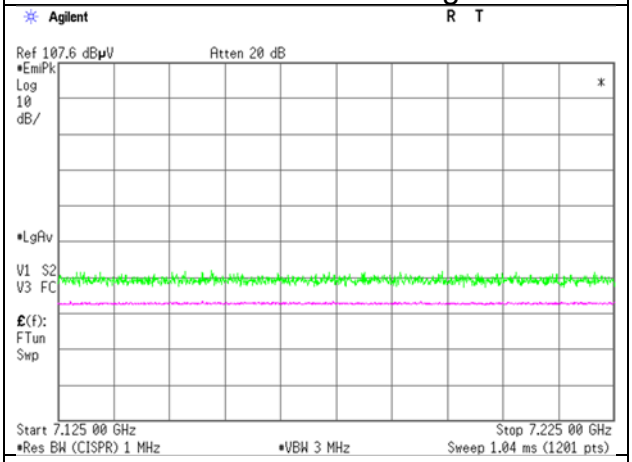
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [106-tone RU/Index 56] 7085 MHz

Horizontal

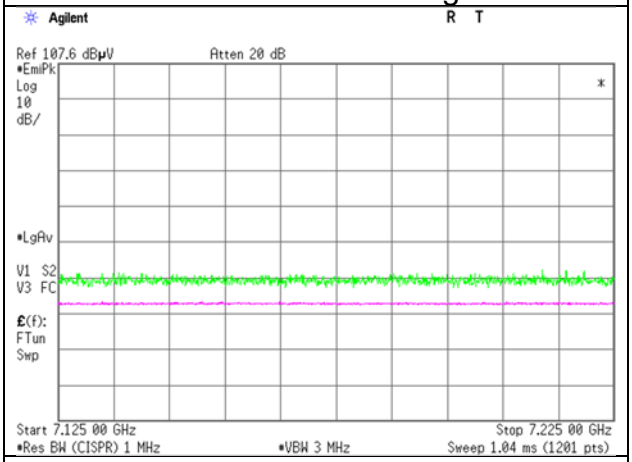
Restricted-band band-edge Plot



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 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
	(1 GHz to 10 GHz)
Mode	Tx 11be-40 [242-tone RU/Index 62] 7085 MHz

Polarity [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	42.0	35.0	35.5	6.0	34.0	0.4	49.6	42.9	88.2	68.2	38.6	25.3	*1)
Vert.	7125.0	42.3	34.7	35.5	6.0	34.0	-	49.9	42.3	88.2	68.2	38.3	26.0	Floor noise

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

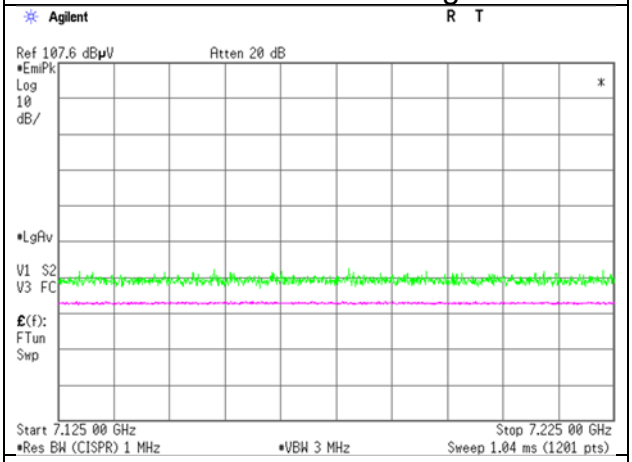
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [242-tone RU/Index 62] 7085 MHz

Horizontal

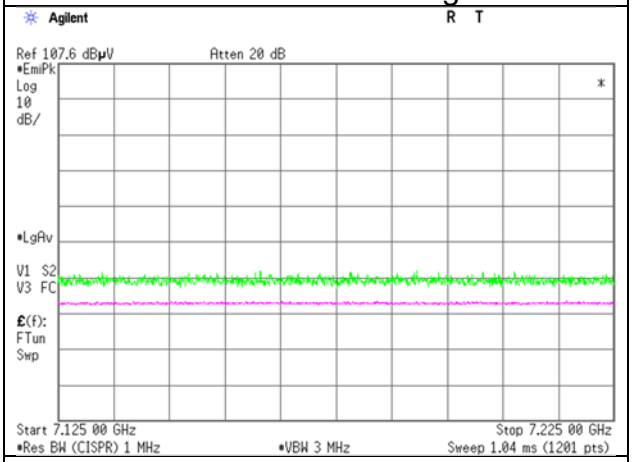
Restricted-band band-edge Plot



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

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

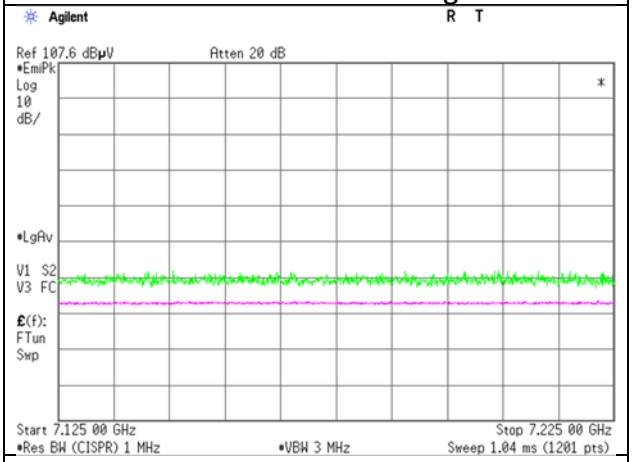
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 45 % RH
Engineer	Takeshi Hiyaji
Mode	Tx 11be-40 [484-tone RU/Index 65] 7085 MHz

Horizontal

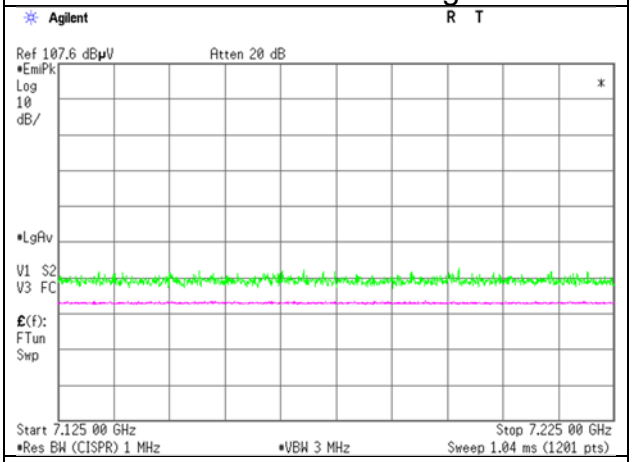
Restricted-band band-edge Plot



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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 5985 MHz			

Polarity [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	32.0	32.4	5.6	34.0	-	46.5	36.0	88.2	68.2	41.7	32.2	Floor noise
Hori.	11970.0	44.3	33.8	38.4	-3.6	33.8	-	45.3	34.8	73.9	53.9	28.6	19.1	Floor noise
Hori.	17955.0	45.6	35.4	40.1	-2.1	32.7	-	50.9	40.7	73.9	53.9	23.0	13.2	Floor noise
Vert.	5925.0	42.1	31.4	32.4	5.6	34.0	-	46.1	35.5	88.2	68.2	42.1	32.7	Floor noise
Vert.	11970.0	44.3	33.9	38.4	-3.6	33.8	-	45.3	34.9	73.9	53.9	28.6	19.0	Floor noise
Vert.	17955.0	45.2	35.4	40.1	-2.1	32.7	-	50.6	40.8	73.9	53.9	23.3	13.1	Floor noise

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

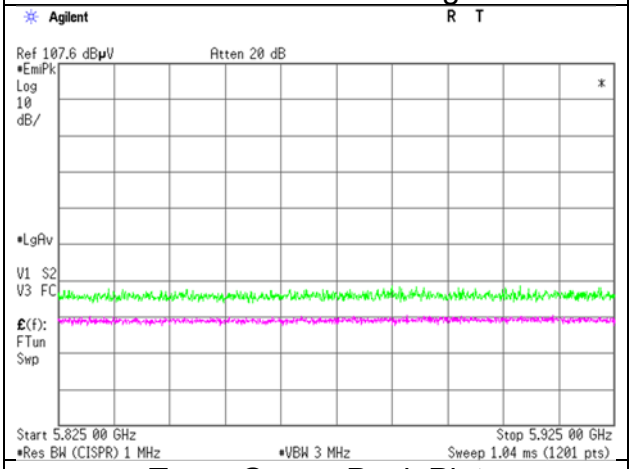
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [OFDM] 5985 MHz

Horizontal

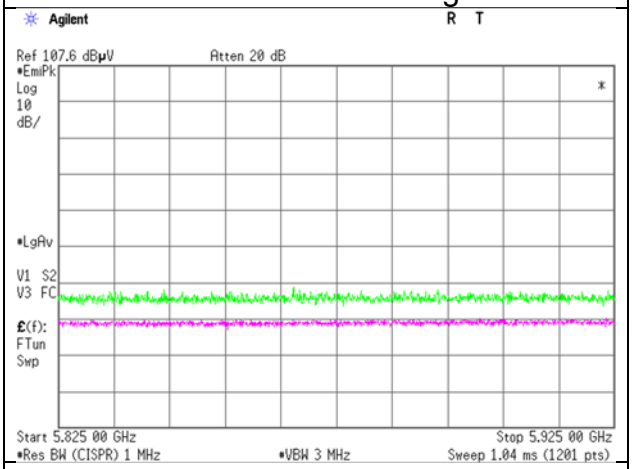
Restricted-band band-edge Plot



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 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6145 MHz			

Polarity [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.	12290.0	44.9	34.4	38.3	-3.5	33.6	-	46.1	35.6	73.9	53.9	27.8	18.3	Floor noise
Hori.	18435.0	42.9	34.9	40.1	-1.9	32.6	-	48.4	40.5	73.9	53.9	25.5	13.4	Floor noise
Vert.	12290.0	44.8	34.2	38.3	-3.5	33.6	-	46.0	35.4	73.9	53.9	27.9	18.5	Floor noise
Vert.	18435.0	43.1	34.4	40.1	-1.9	32.6	-	48.7	39.9	73.9	53.9	25.3	14.0	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6385 MHz			

Polarity [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.	12770.0	44.3	33.9	38.5	-3.4	33.3	-	46.2	35.8	88.2	68.2	42.0	32.5	Floor noise
Hori.	19155.0	42.4	34.9	40.5	-1.8	32.6	-	48.5	41.0	73.9	53.9	25.4	12.9	Floor noise
Vert.	12770.0	44.1	33.8	38.5	-3.4	33.3	-	46.0	35.6	88.2	68.2	42.2	32.6	Floor noise
Vert.	19155.0	42.3	34.0	40.5	-1.8	32.6	-	48.4	40.1	73.9	53.9	25.5	13.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6465 MHz			

Polarity [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.	12930.0	44.3	33.5	38.7	-3.3	33.1	-	46.5	35.7	88.2	68.2	41.7	32.5	Floor noise
Hori.	19395.0	42.7	34.6	40.5	-1.8	32.7	-	48.7	40.7	73.9	53.9	25.2	13.3	Floor noise
Vert.	12930.0	44.1	33.4	38.7	-3.3	33.1	-	46.3	35.6	88.2	68.2	41.9	32.6	Floor noise
Vert.	19395.0	42.3	34.7	40.5	-1.8	32.7	-	48.4	40.7	73.9	53.9	25.5	13.2	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6545 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.	13090.0	43.8	33.6	38.7	-3.3	33.0	-	46.3	36.0	88.2	68.2	41.9	32.2	Floor noise
Hori.	19635.0	43.2	34.9	40.5	-1.7	32.9	-	49.1	40.7	73.9	53.9	24.8	13.2	Floor noise
Vert.	13090.0	43.9	33.4	38.7	-3.3	33.0	-	46.3	35.9	88.2	68.2	41.9	32.3	Floor noise
Vert.	19635.0	43.2	34.6	40.5	-1.7	32.9	-	49.1	40.5	73.9	53.9	24.8	13.5	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6625 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.	13250.0	44.0	33.8	38.8	-3.3	32.9	-	46.7	36.5	73.9	53.9	27.2	17.5	Floor noise
Hori.	19875.0	44.1	35.8	40.3	-1.7	33.0	-	49.7	41.4	73.9	53.9	24.3	12.5	Floor noise
Vert.	13250.0	43.9	33.7	38.8	-3.3	32.9	-	46.6	36.4	73.9	53.9	27.3	17.5	Floor noise
Vert.	19875.0	43.4	35.4	40.3	-1.7	33.0	-	49.0	41.0	73.9	53.9	24.9	12.9	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6705 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.	13410.0	43.9	33.7	38.8	-3.2	32.7	-	46.7	36.5	88.2	68.2	41.5	31.7	Floor noise
Hori.	20115.0	43.7	35.9	40.3	-1.7	33.1	-	49.2	41.4	73.9	53.9	24.7	12.5	Floor noise
Vert.	13410.0	43.6	33.5	38.8	-3.2	32.7	-	46.4	36.3	88.2	68.2	41.8	31.9	Floor noise
Vert.	20115.0	43.8	35.6	40.3	-1.7	33.1	-	49.3	41.0	73.9	53.9	24.7	12.9	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6785 MHz			

Polarity [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.	13570.0	44.0	33.7	38.7	-3.2	32.6	-	46.9	36.6	88.2	68.2	41.3	31.6	Floor noise
Hori.	20355.0	44.9	35.8	40.2	-1.6	33.2	-	50.3	41.2	73.9	53.9	23.6	12.7	Floor noise
Vert.	13570.0	43.9	33.7	38.7	-3.2	32.6	-	46.8	36.6	88.2	68.2	41.4	31.7	Floor noise
Vert.	20355.0	44.7	35.8	40.2	-1.6	33.2	-	50.1	41.1	73.9	53.9	23.8	12.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6865 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.	13730.0	45.3	34.9	38.7	-3.2	32.5	-	48.4	38.0	88.2	68.2	39.9	30.2	Floor noise
Hori.	20595.0	43.7	36.0	40.3	-1.6	33.3	-	49.1	41.4	73.9	53.9	24.8	12.6	Floor noise
Vert.	13730.0	45.5	34.9	38.7	-3.2	32.5	-	48.5	37.9	88.2	68.2	39.7	30.3	Floor noise
Vert.	20595.0	44.9	35.8	40.3	-1.6	33.3	-	50.3	41.2	73.9	53.9	23.6	12.7	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 6945 MHz			

Polarity [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.	13890.0	45.8	34.7	38.8	-3.1	32.3	-	49.1	38.1	88.2	68.2	39.1	30.2	Floor noise
Hori.	20835.0	44.6	36.4	40.3	-1.5	33.4	-	49.9	41.8	73.9	53.9	24.0	12.1	Floor noise
Vert.	13890.0	45.4	34.5	38.8	-3.1	32.3	-	48.7	37.9	88.2	68.2	39.5	30.3	Floor noise
Vert.	20835.0	44.1	36.8	40.3	-1.5	33.4	-	49.5	42.1	73.9	53.9	24.4	11.8	Floor noise

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

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

Radiated Spurious Emission

Test place	Ise EMC Lab.			
Semi Anechoic Chamber	No.2	No.2	No.2	No.2
Date	February 2, 2024	February 11, 2024	February 20, 2024	February 19, 2024
Temperature / Humidity	23 deg. C / 43 % RH	23 deg. C / 40 % RH	23 deg. C / 61 % RH	23 deg. C / 61 % RH
Engineer	Ken Fujita	Daiki Matsui	Ken Fujita	Ken Fujita
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11be-80 [OFDM] 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	42.9	32.6	35.5	6.0	34.0	-	50.4	40.1	88.2	68.2	37.8	28.1	Floor noise
Hori.	14050.0	45.1	34.6	39.0	-3.1	32.3	-	48.7	38.3	88.2	68.2	39.5	29.9	Floor noise
Hori.	21075.0	44.3	36.0	40.2	-1.5	33.4	-	49.7	41.4	73.9	53.9	24.2	12.5	Floor noise
Vert.	7125.0	43.6	32.7	35.5	6.0	34.0	-	51.2	40.2	88.2	68.2	37.0	28.0	Floor noise
Vert.	14050.0	44.6	34.6	39.0	-3.1	32.3	-	48.3	38.2	88.2	68.2	40.0	30.0	Floor noise
Vert.	21075.0	43.3	36.7	40.2	-1.5	33.4	-	48.6	42.1	73.9	53.9	25.3	11.8	Floor noise

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

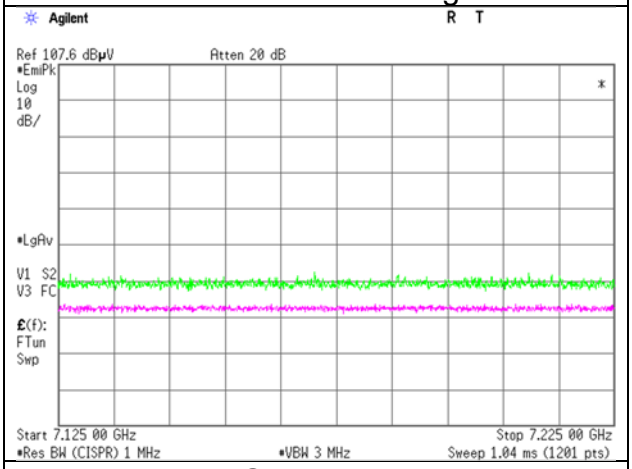
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [OFDM] 7025 MHz

Horizontal

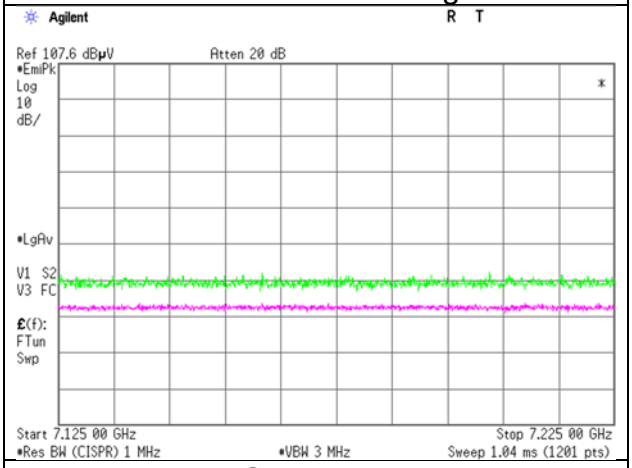
Restricted-band band-edge Plot



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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [26-tone RU/Index 0] 5985 MHz

Polarity [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	33.5	32.4	5.6	34.0	0.2	46.1	37.8	88.2	68.2	42.1	30.4	*1)
Vert.	5925.0	42.2	31.3	32.4	5.6	34.0	-	46.2	35.4	88.2	68.2	42.0	32.9	Floor noise

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

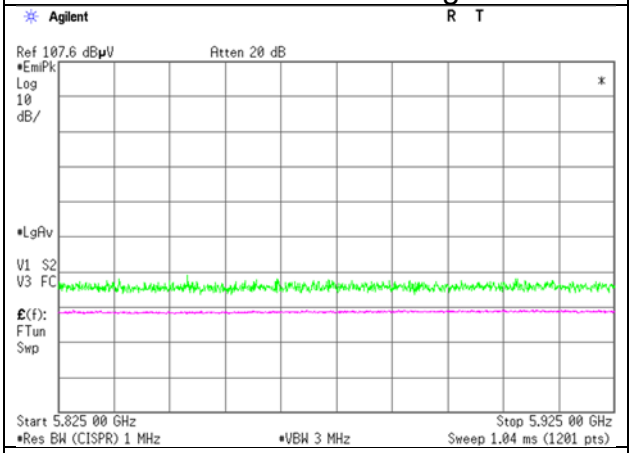
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [26-tone RU/Index 0] 5985 MHz

Horizontal

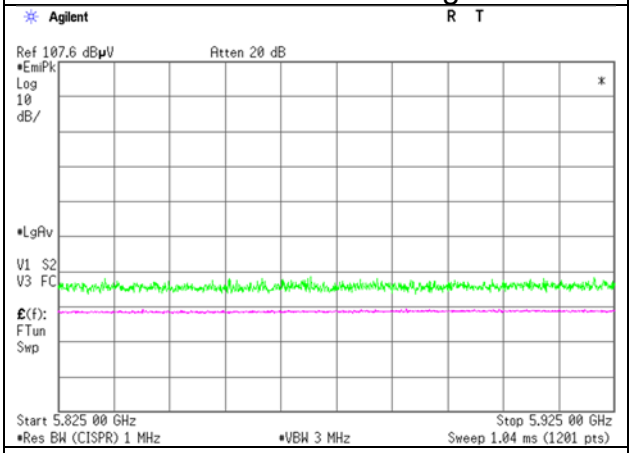
Restricted-band band-edge Plot



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

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

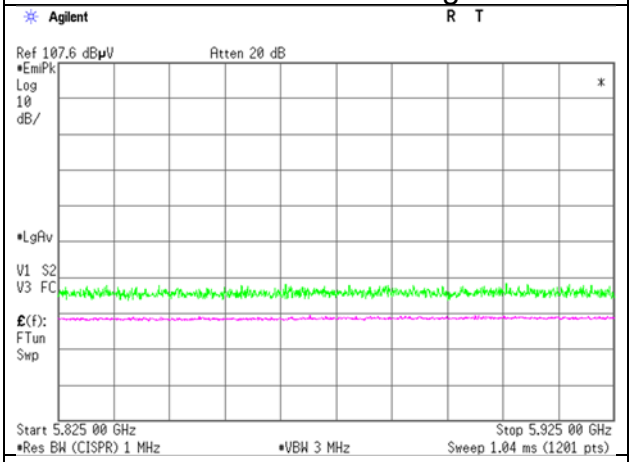
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [52-tone RU/Index 37] 5985 MHz

Horizontal

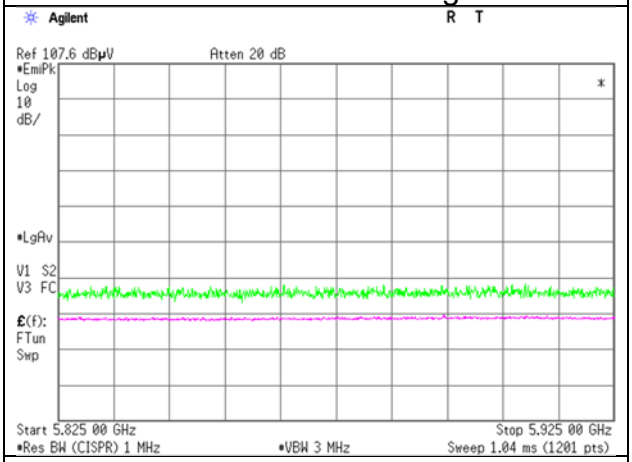
Restricted-band band-edge Plot



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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [106-tone RU/Index 53] 5985 MHz

Polarity [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	42.2	31.6	32.4	5.6	34.0	-	46.2	35.7	88.2	68.2	42.0	32.5	Floor noise
Vert.	5925.0	42.2	31.3	32.4	5.6	34.0	-	46.2	35.4	88.2	68.2	42.0	32.9	Floor noise

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

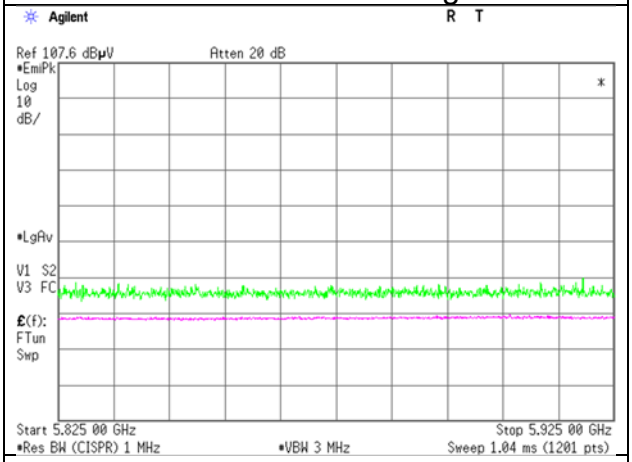
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [106-tone RU/Index 53] 5985 MHz

Horizontal

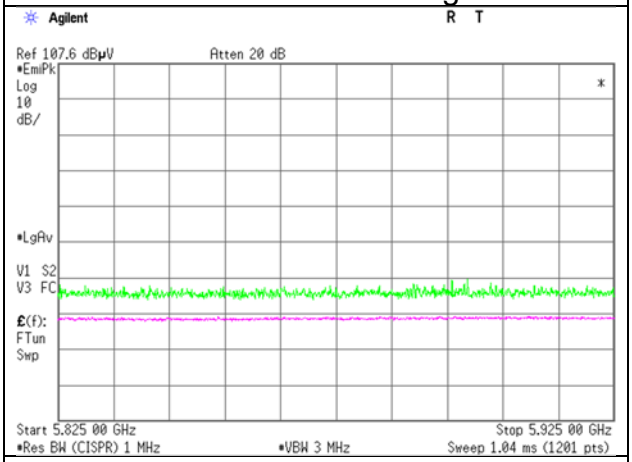
Restricted-band band-edge Plot



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

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

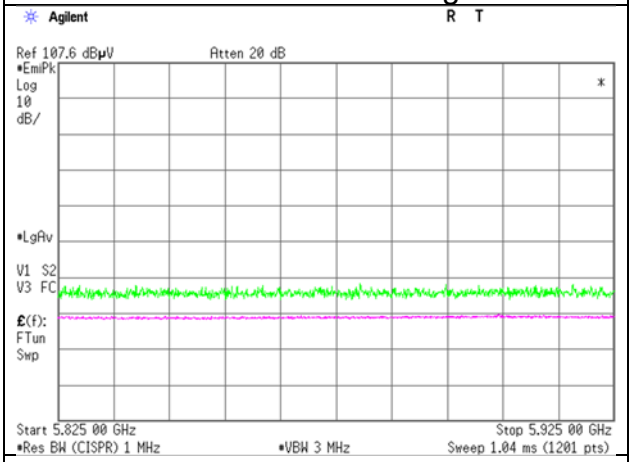
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [242-tone RU/Index 61] 5985 MHz

Horizontal

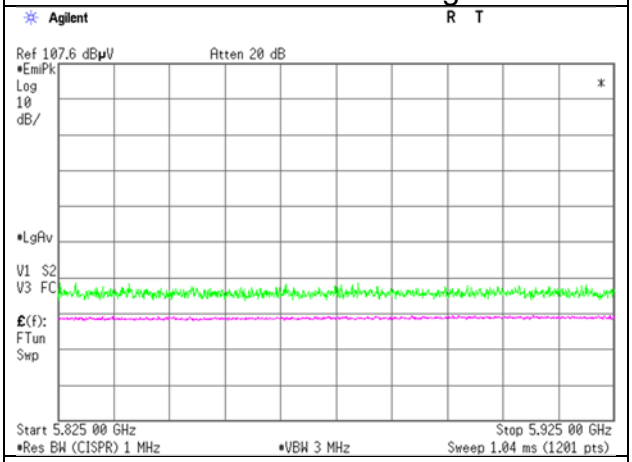
Restricted-band band-edge Plot



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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [484-tone RU/Index 65] 5985 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	31.5	32.4	5.6	34.0	-	46.7	35.6	88.2	68.2	41.5	32.6	Floor noise
Vert.	5925.0	42.2	31.3	32.4	5.6	34.0	-	46.2	35.3	88.2	68.2	42.0	32.9	Floor noise

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

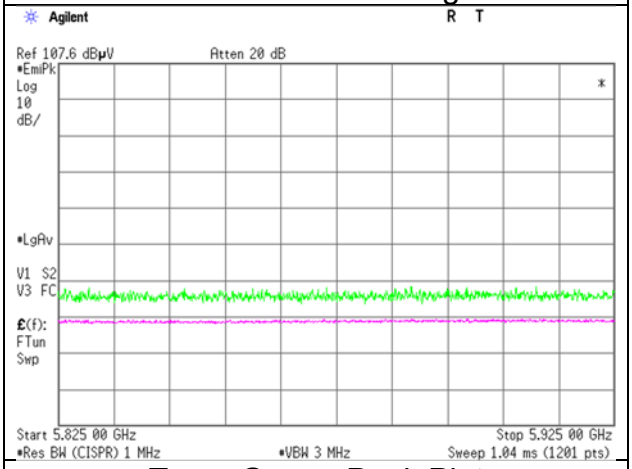
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [484-tone RU/Index 65] 5985 MHz

Horizontal

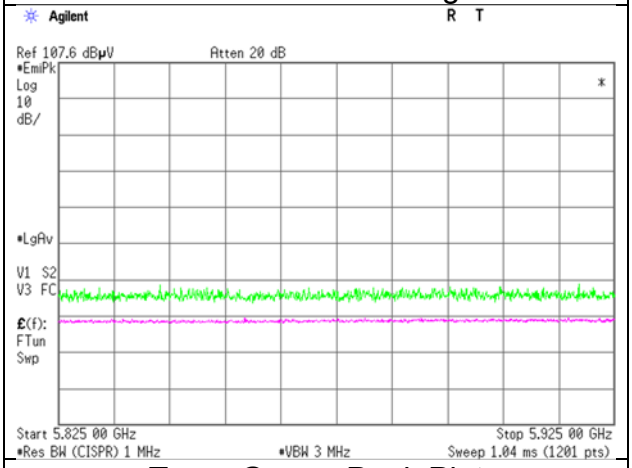
Restricted-band band-edge Plot



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 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [996-tone RU/Index 67] 5985 MHz

Polarity [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	43.7	31.9	32.4	5.6	34.0	-	47.7	36.0	88.2	68.2	40.5	32.2	Floor noise
Vert.	5925.0	43.3	31.8	32.4	5.6	34.0	-	47.4	35.8	88.2	68.2	40.9	32.4	Floor noise

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

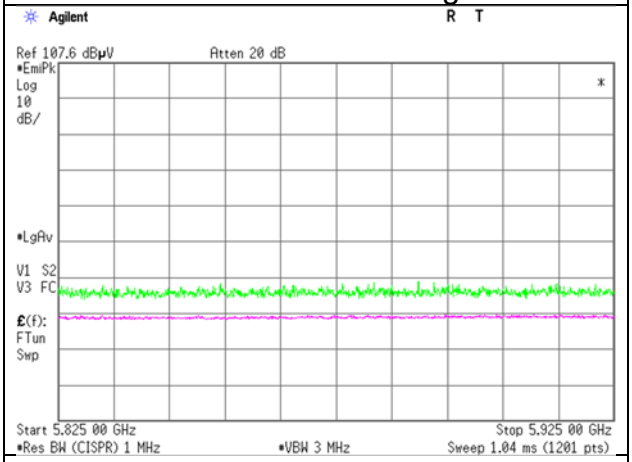
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 2, 2024
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Ken Fujita
Mode	Tx 11be-80 [996-tone RU/Index 67] 5985 MHz

Horizontal

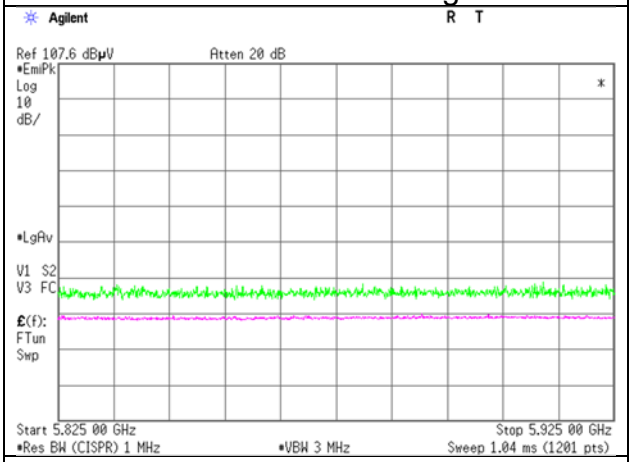
Restricted-band band-edge Plot



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 [26-tone RU/Index 36] 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	44.2	33.7	35.5	6.0	34.0	-	51.8	41.2	88.2	68.2	36.4	27.0	Floor noise
Vert.	7125.0	44.4	33.8	35.5	6.0	34.0	-	52.0	41.3	88.2	68.2	36.2	26.9	Floor noise

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

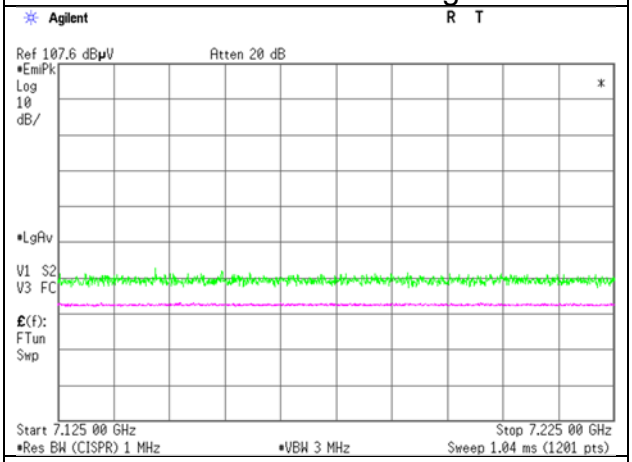
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	February 4, 2024
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Daiki Matsui
	(1 GHz to 10 GHz)
Mode	Tx 11be-80 [26-tone RU/Index 36] 7025 MHz

Horizontal

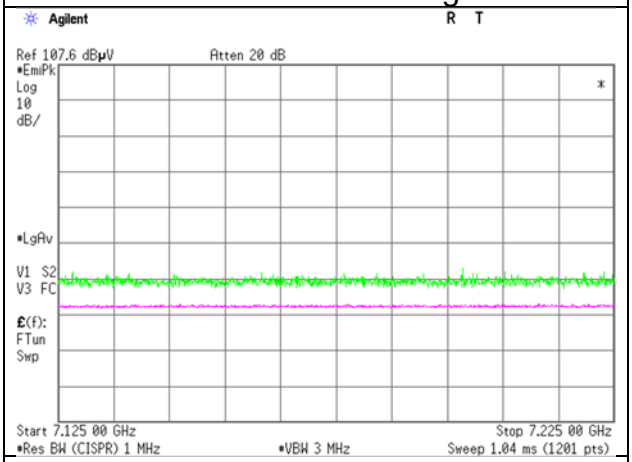
Restricted-band band-edge Plot



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 [52-tone RU/Index 52] 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	44.5	33.7	35.5	6.0	34.0	-	52.1	41.3	88.2	68.2	36.2	26.9	Floor noise
Vert.	7125.0	44.2	33.6	35.5	6.0	34.0	-	51.8	41.2	88.2	68.2	36.5	27.0	Floor noise

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

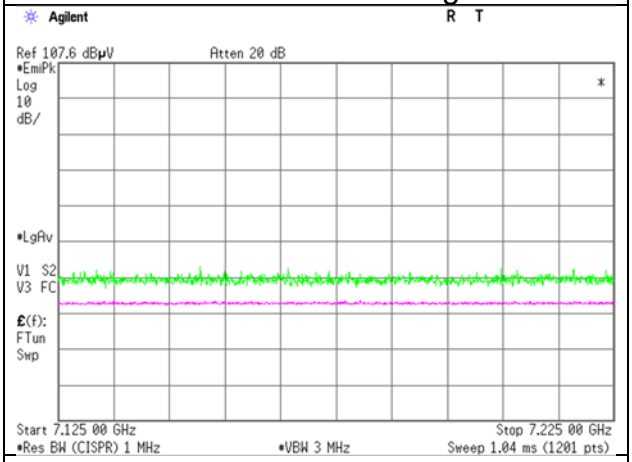
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

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 [52-tone RU/Index 52] 7025 MHz

Horizontal

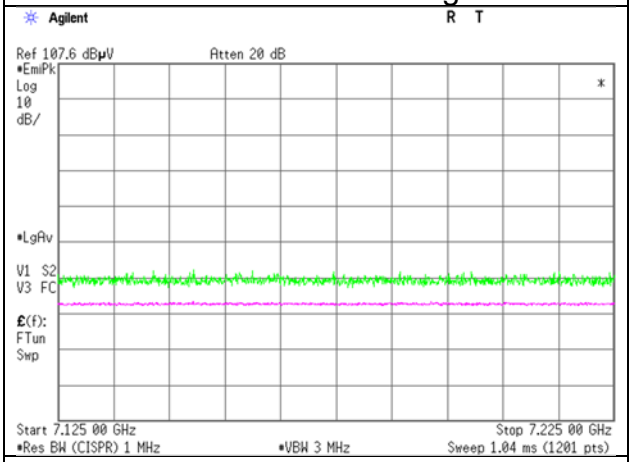
Restricted-band band-edge Plot



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

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

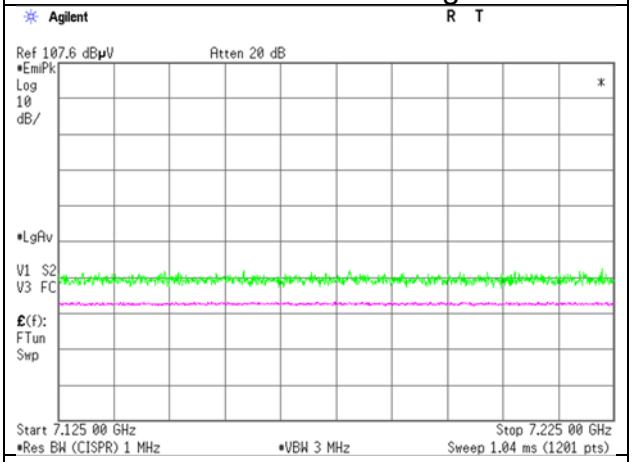
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

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 [106-tone RU/Index 60] 7025 MHz

Horizontal

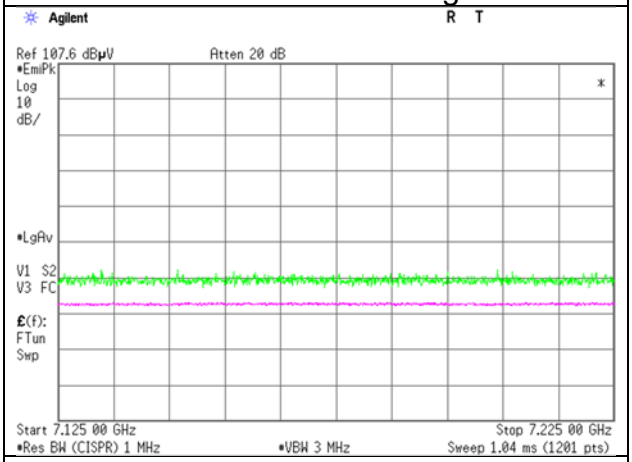
Restricted-band band-edge Plot



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 [242-tone RU/Index 64] 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	45.0	33.7	35.5	6.0	34.0	-	52.6	41.3	88.2	68.2	35.6	27.0	Floor noise
Vert.	7125.0	44.1	33.7	35.5	6.0	34.0	-	51.6	41.3	88.2	68.2	36.6	27.0	Floor noise

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

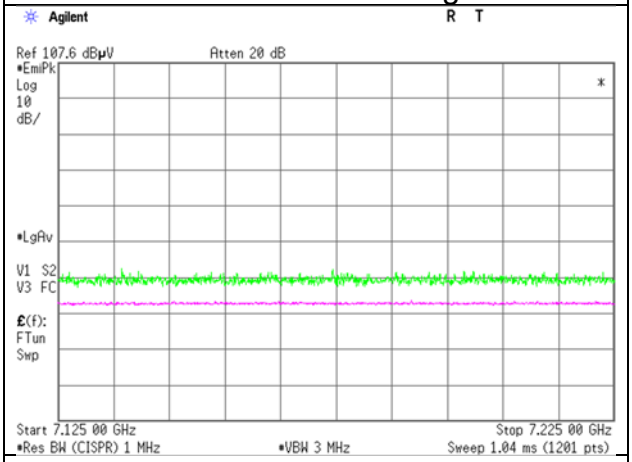
Distance factor:	1 GHz - 6 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	6 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB

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 [242-tone RU/Index 64] 7025 MHz

Horizontal

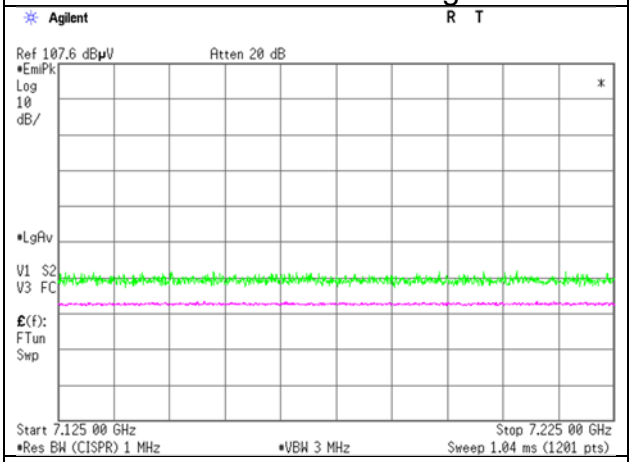
Restricted-band band-edge Plot



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 [484-tone RU/Index 66] 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	43.8	33.7	35.5	6.0	34.0	-	51.3	41.3	88.2	68.2	36.9	26.9	Floor noise
Vert.	7125.0	44.0	33.7	35.5	6.0	34.0	-	51.6	41.2	88.2	68.2	36.7	27.0	Floor noise

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

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