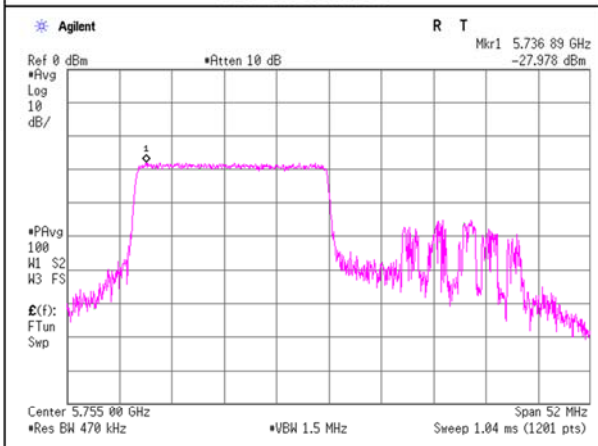
Maximum Power Spectral Density

11ax-40(OFDMA) CDD, 242-tone RU

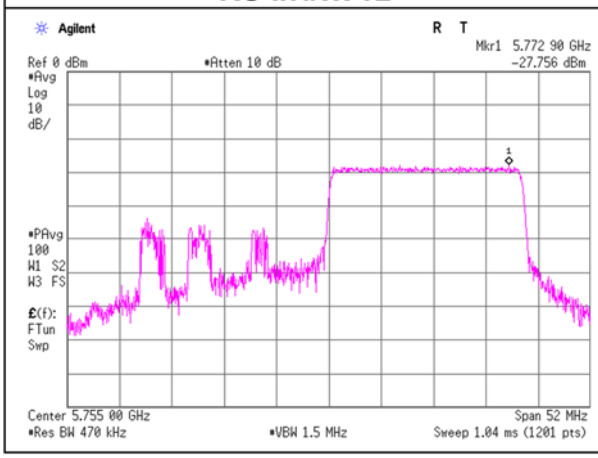
5755 MHz

1st

RU Index 61

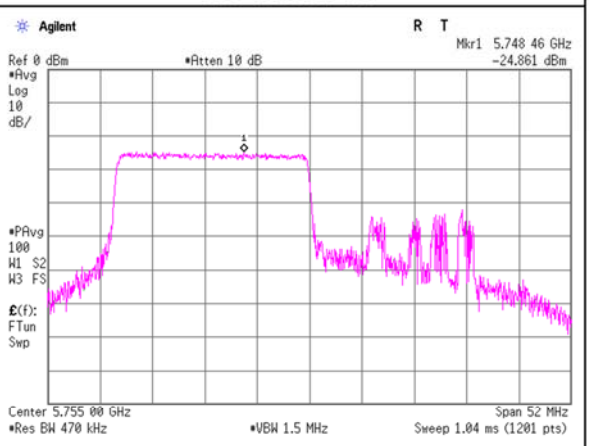


RU Index 62

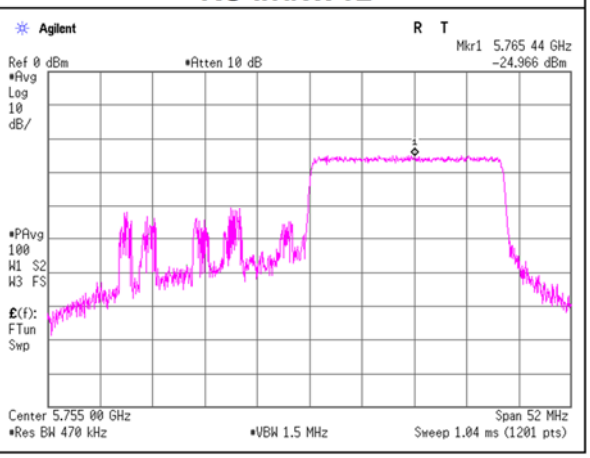


2nd

RU Index 61

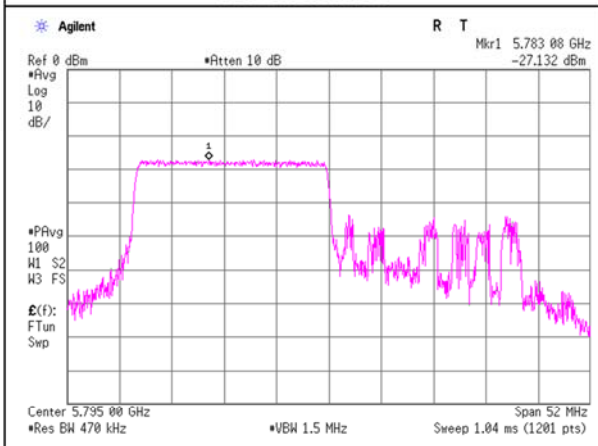
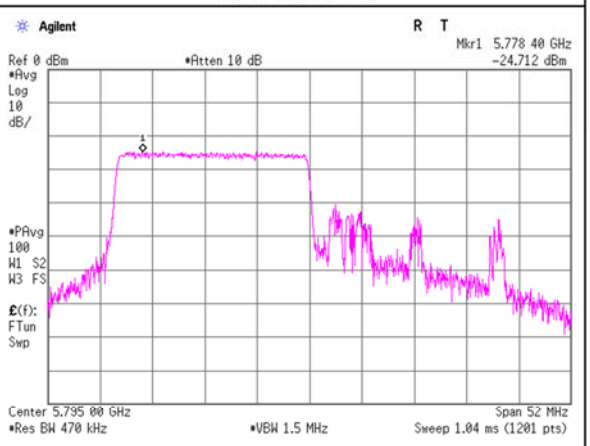
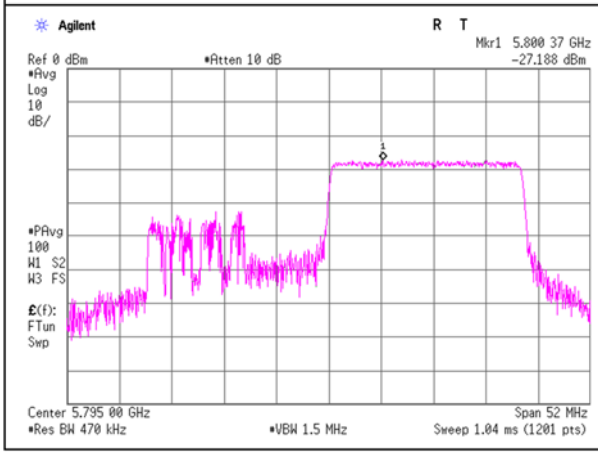
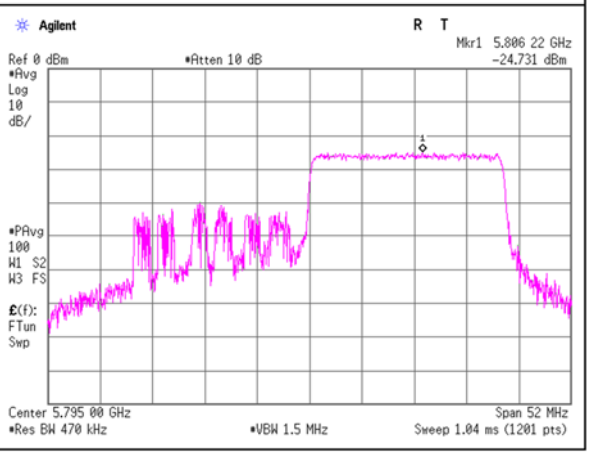


RU Index 62



Maximum Power Spectral Density

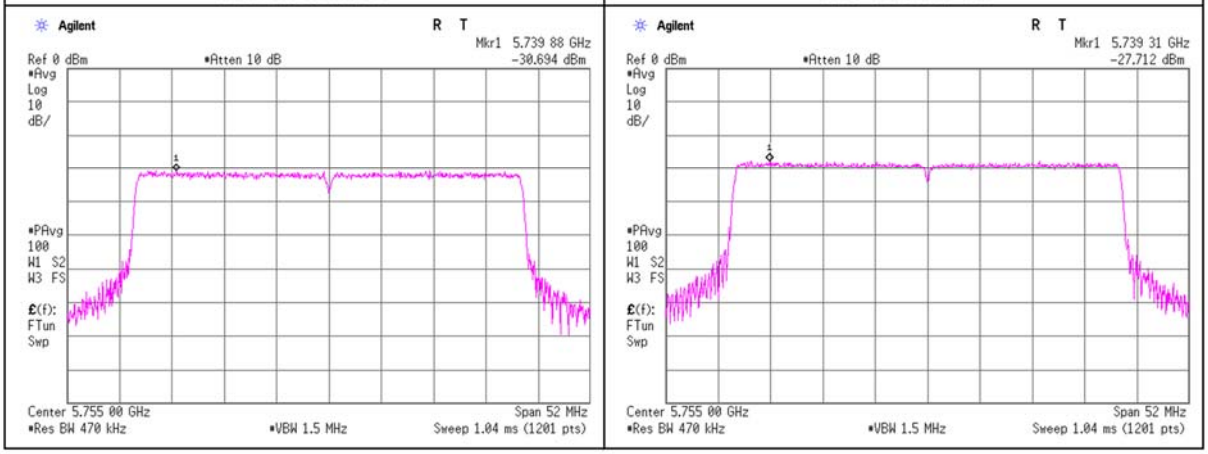
11ax-40(OFDMA) CDD, 242-tone RU

5795 MHz	
1st	2nd
RU Index 61	RU Index 61
	
RU Index 62	RU Index 62
	

Maximum Power Spectral Density

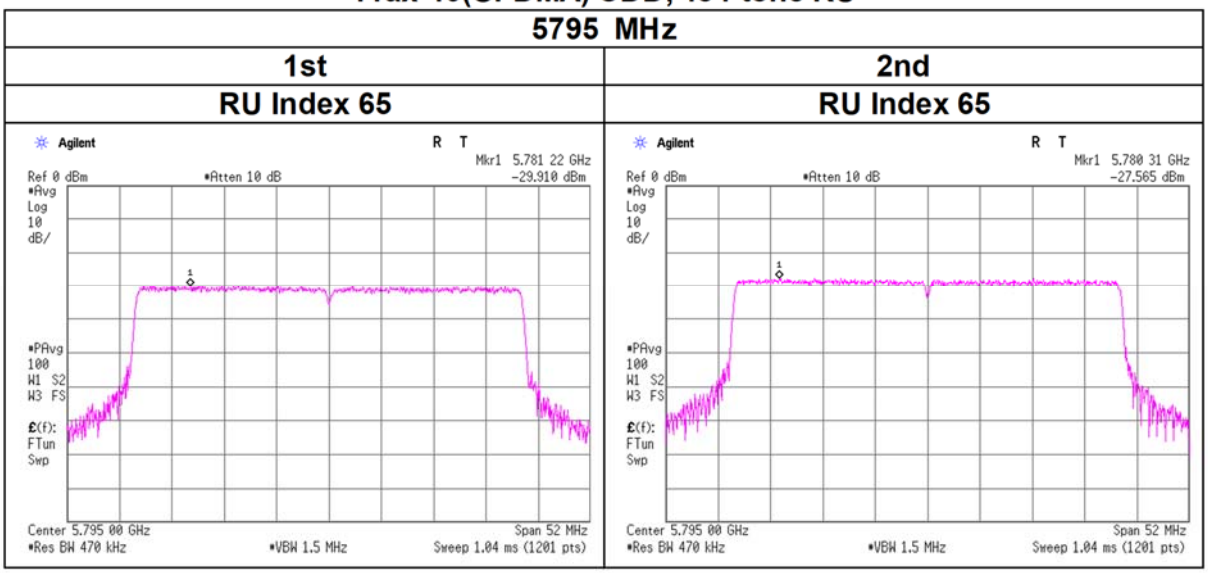
11ax-40(OFDMA) CDD, 484-tone RU

5755 MHz	
1st	2nd
RU Index 65	RU Index 65



11ax-40(OFDMA) CDD, 484-tone RU

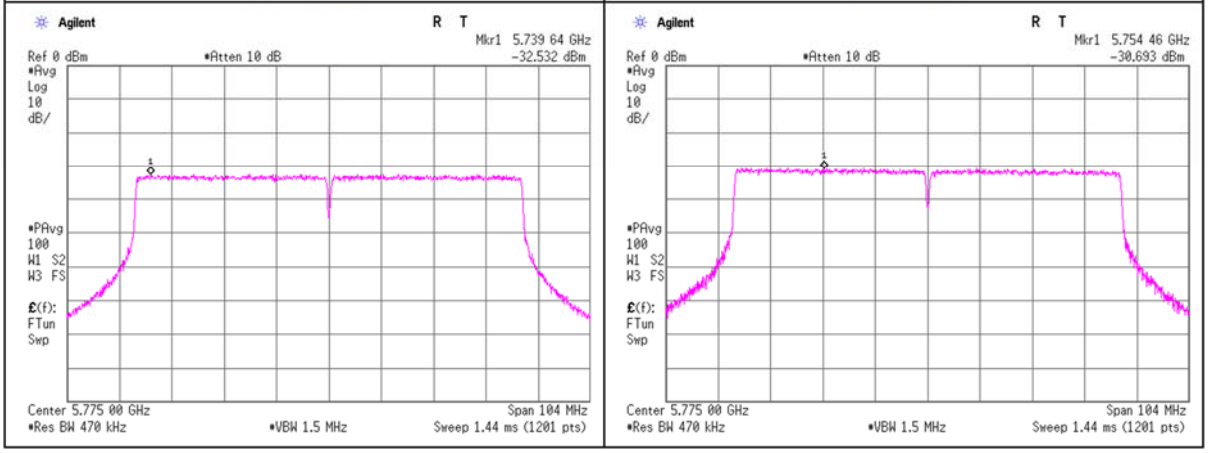
5795 MHz	
1st	2nd
RU Index 65	RU Index 65



Maximum Power Spectral Density

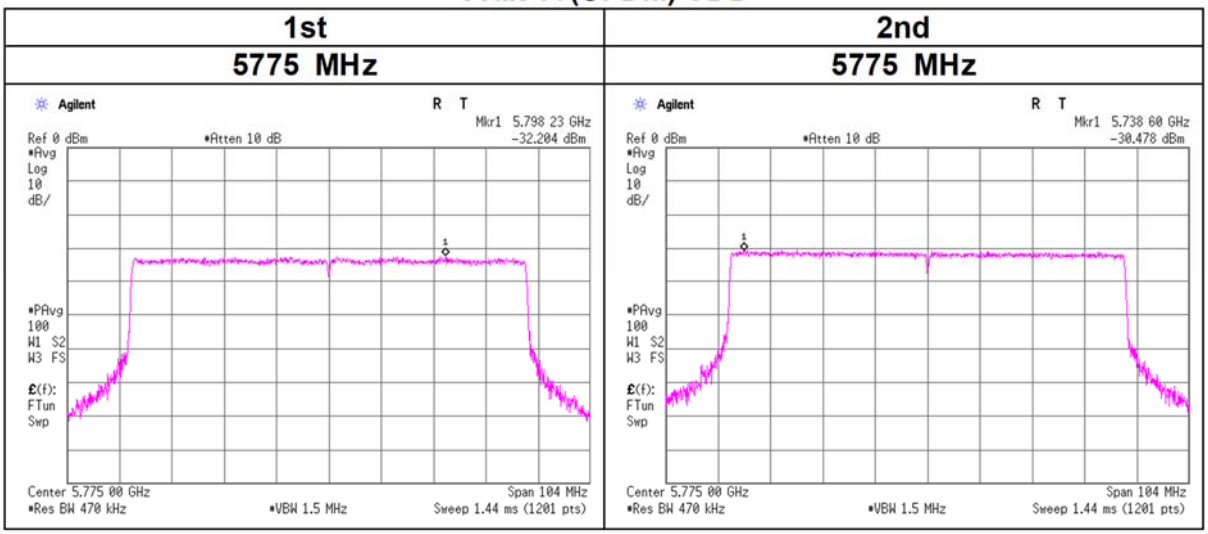
11ac-80 CDD

1st	2nd
5775 MHz	5775 MHz



11ax-80(OFDM) CDD

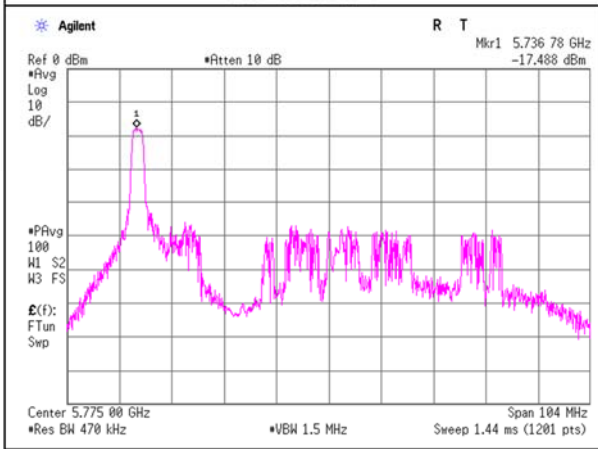
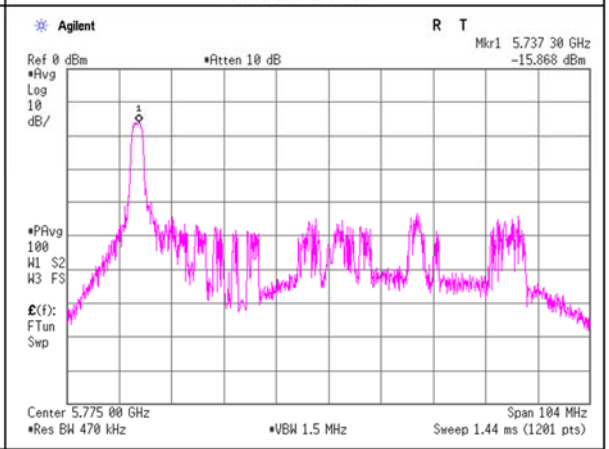
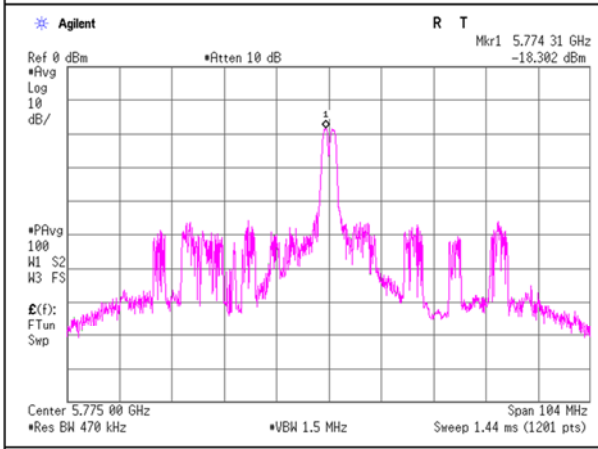
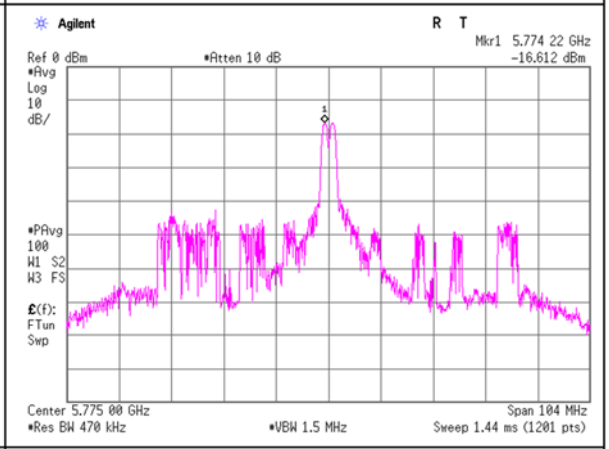
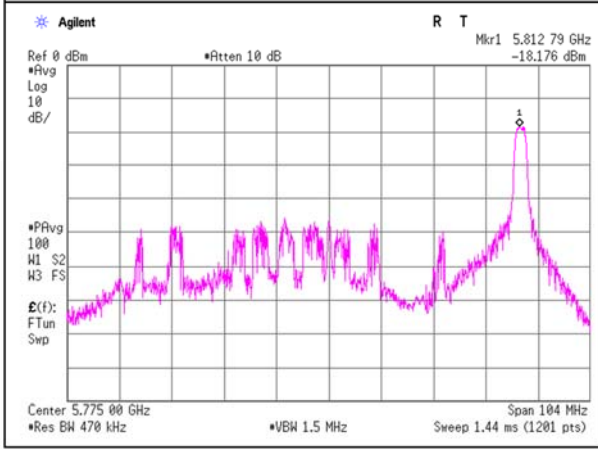
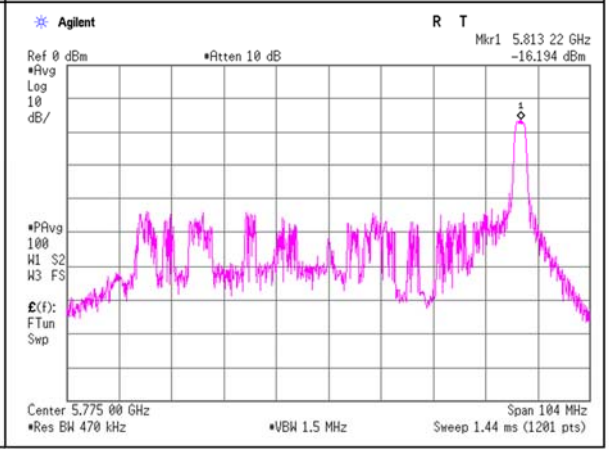
1st	2nd
5775 MHz	5775 MHz



Maximum Power Spectral Density

11ax-80(OFDMA) CDD, 26-tone RU

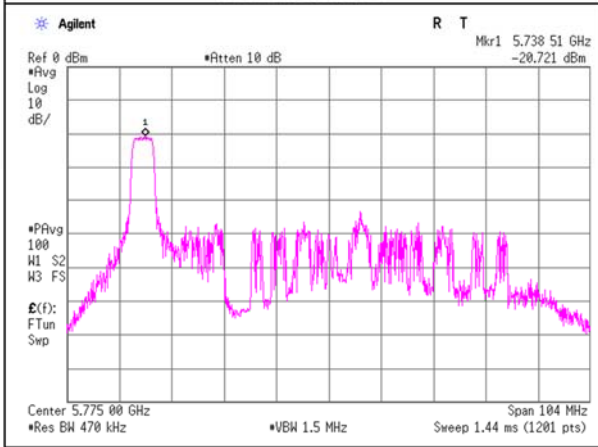
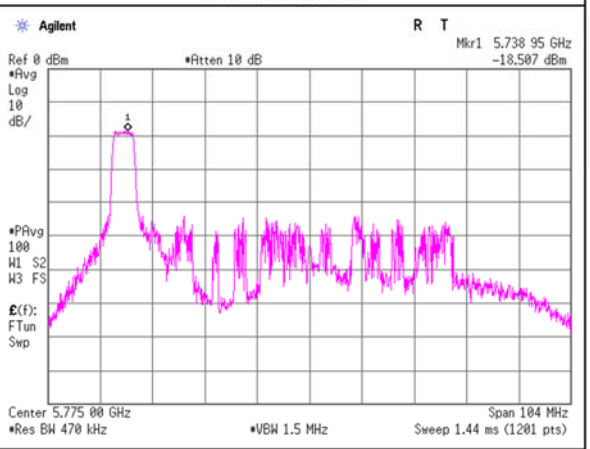
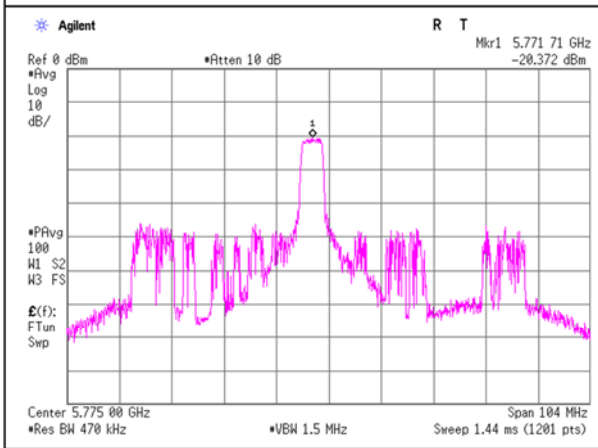
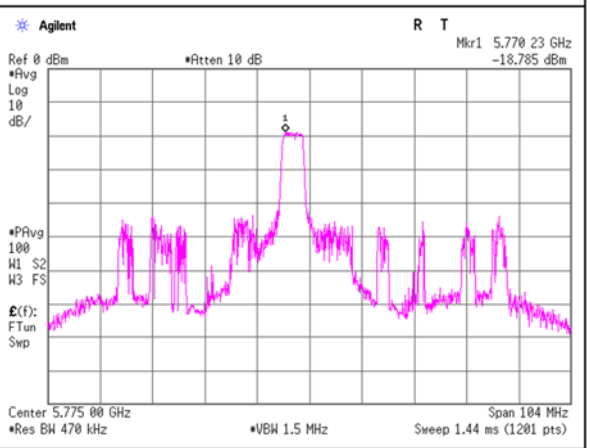
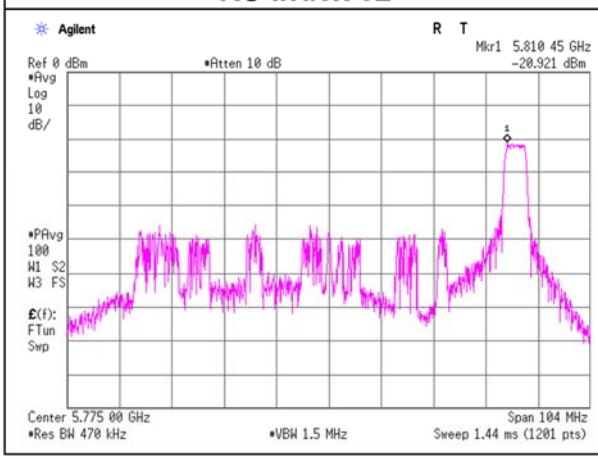
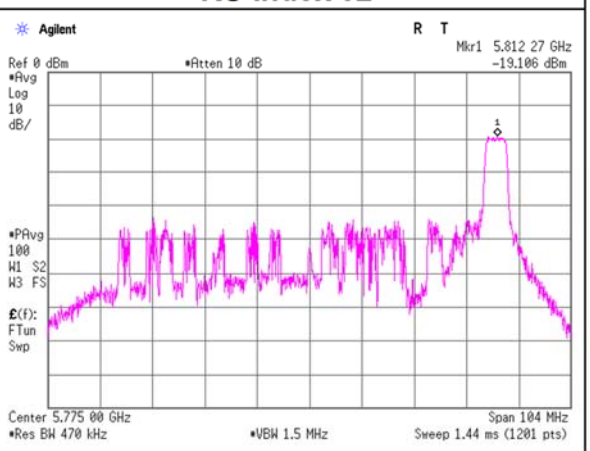
5775 MHz

1st	2nd
RU Index 0	RU Index 0
	
RU Index 18	RU Index 18
	
RU Index 36	RU Index 36
	

Maximum Power Spectral Density

11ax-80(OFDMA) CDD, 52-tone RU

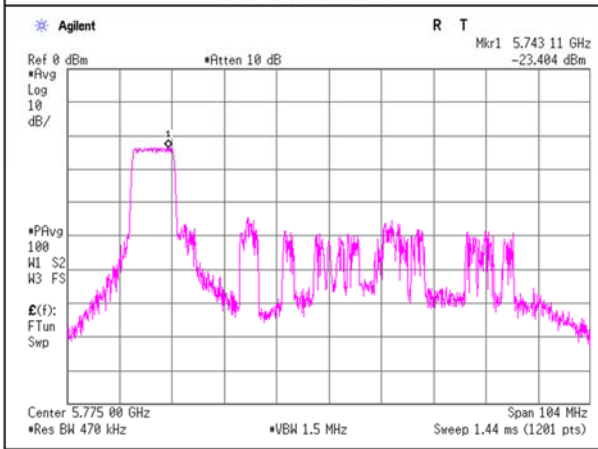
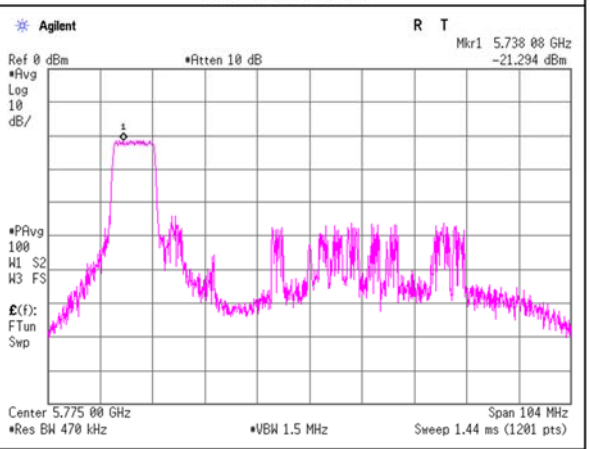
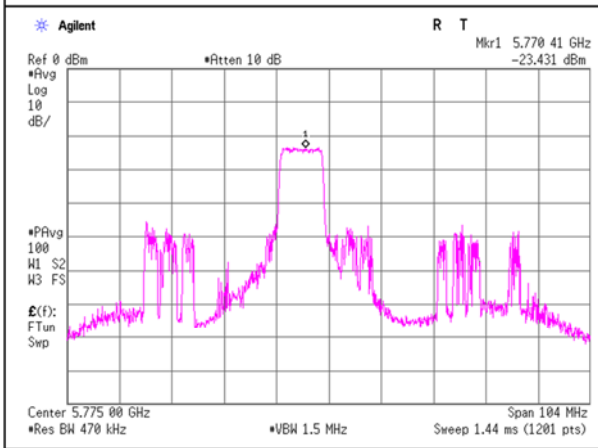
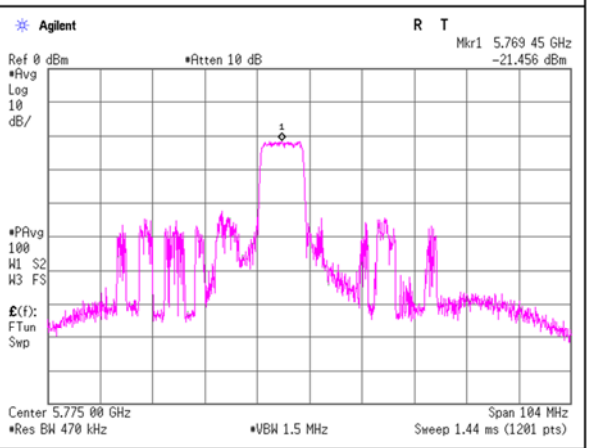
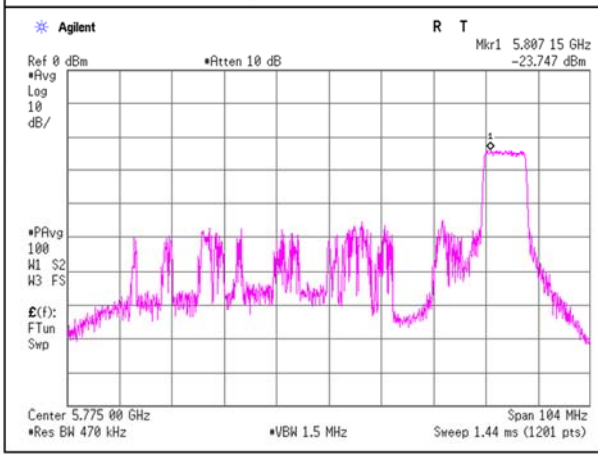
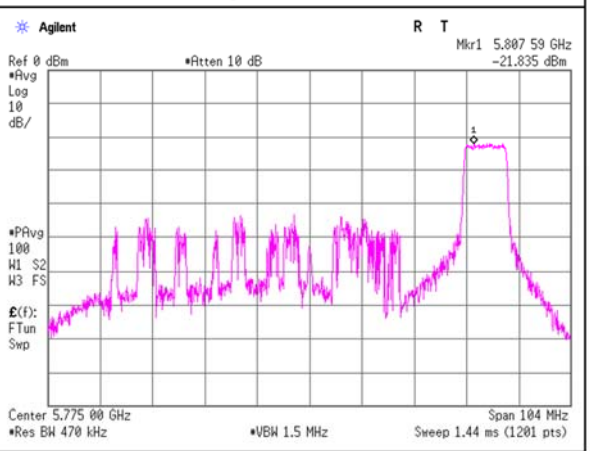
5775 MHz

1st	2nd
RU Index 37	RU Index 37
	
RU Index 44	RU Index 44
	
RU Index 52	RU Index 52
	

Maximum Power Spectral Density

11ax-80(OFDMA) CDD, 106-tone RU

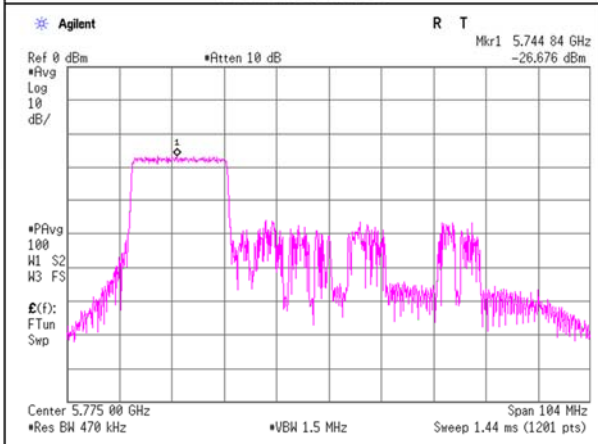
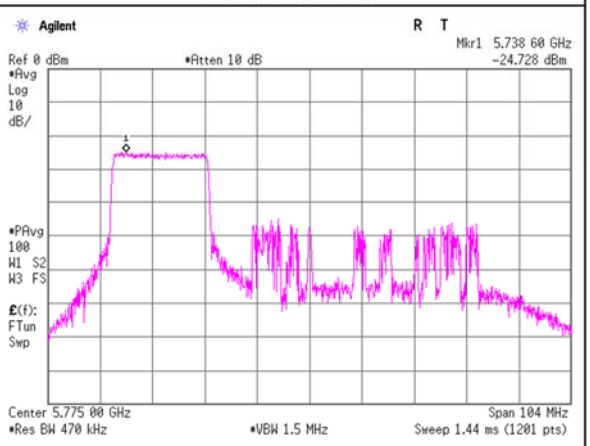
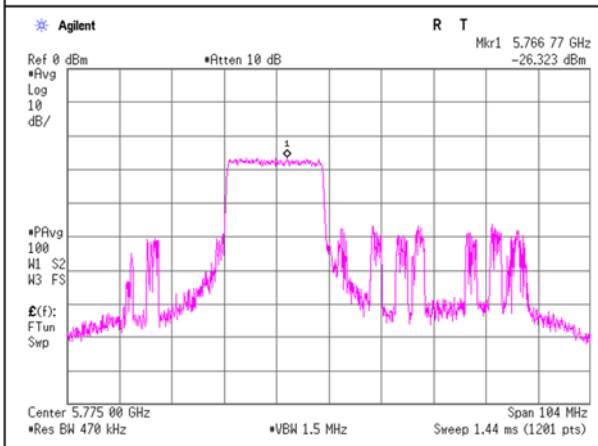
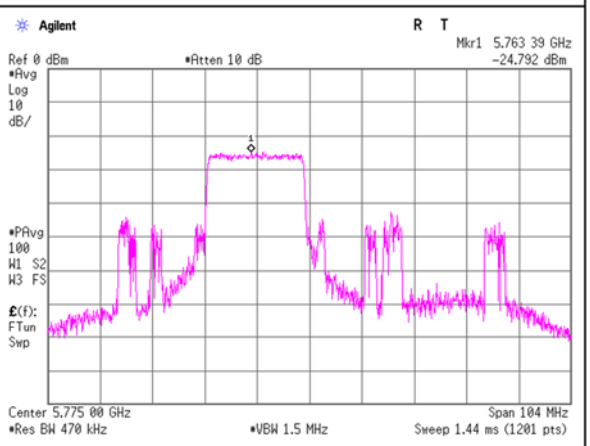
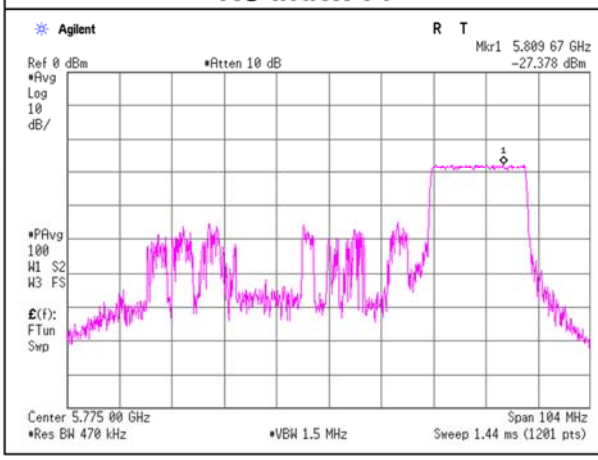
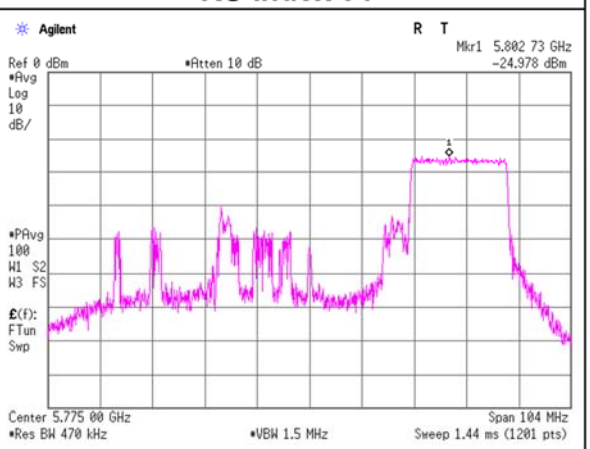
5775 MHz

1st	2nd
RU Index 53	RU Index 53
	
RU Index 56	RU Index 56
	
RU Index 60	RU Index 60
	

Maximum Power Spectral Density

11ax-80(OFDMA) CDD, 242-tone RU

5775 MHz

1st	2nd
RU Index 61	RU Index 61
	
RU Index 62	RU Index 62
	
RU Index 64	RU Index 64
	

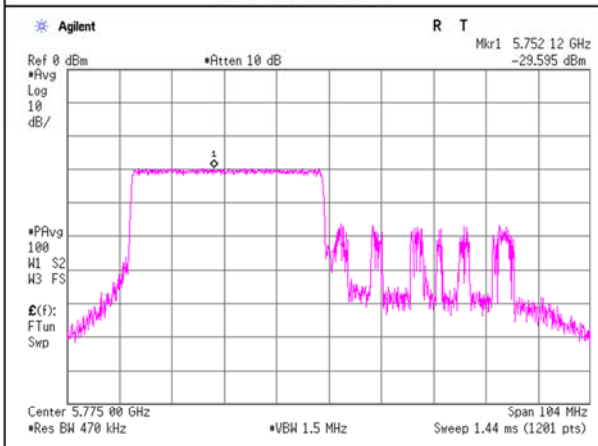
Maximum Power Spectral Density

11ax-80(OFDMA) CDD, 484-tone RU

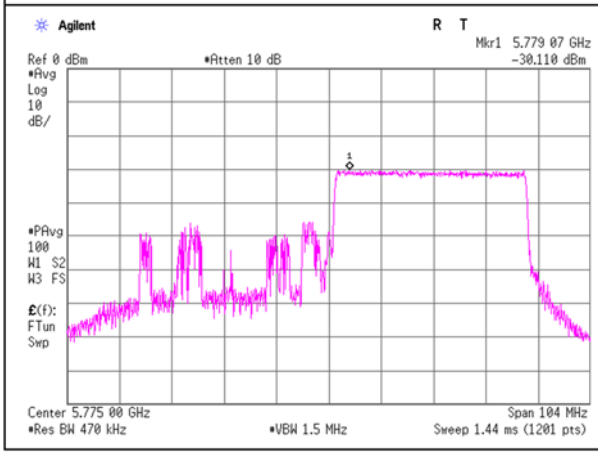
5775 MHz

1st

RU Index 65

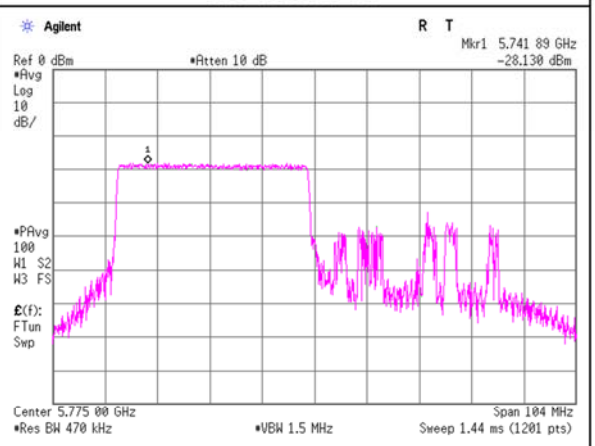


RU Index 66

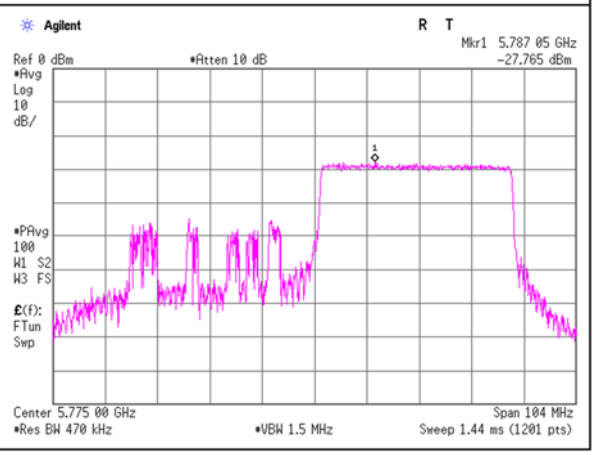


2nd

RU Index 65



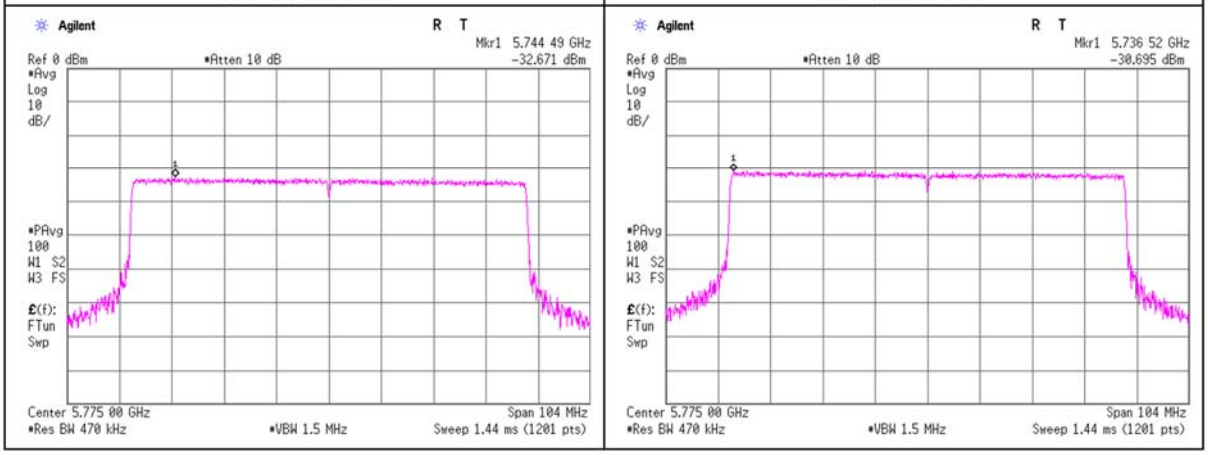
RU Index 66



Maximum Power Spectral Density

11ax-80(OFDMA) CDD, 996-tone RU

5775 MHz	
1st	2nd
RU Index 67	RU Index 67



Radiated Spurious Emission

Test place	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC 1	WAC1	WAC1	WAC1
Date	August 9, 2024	August 16, 2024	August 20, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 55 % RH	24 deg. C / 54 % RH	25 deg. C / 66 % RH	26 deg. C / 55 % RH
Engineer	Yosuke Murakami	Akihiro Oda	Shiro Kobayashi	Yosuke Murakami
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5745 MHz			

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	11490.000	PK	47.19	38.08	-32.09	-	-9.54	43.64	73.9	30.2	150	0	-
Hori.	11490.000	AV	32.82	38.08	-32.09	-	-9.54	29.27	53.9	24.6	150	0	VBW: 10 Hz, floor noise
Vert.	11490.000	PK	46.80	38.08	-32.09	-	-9.54	43.25	73.9	30.6	150	0	-
Vert.	11490.000	AV	33.11	38.08	-32.09	-	-9.54	29.56	53.9	24.3	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

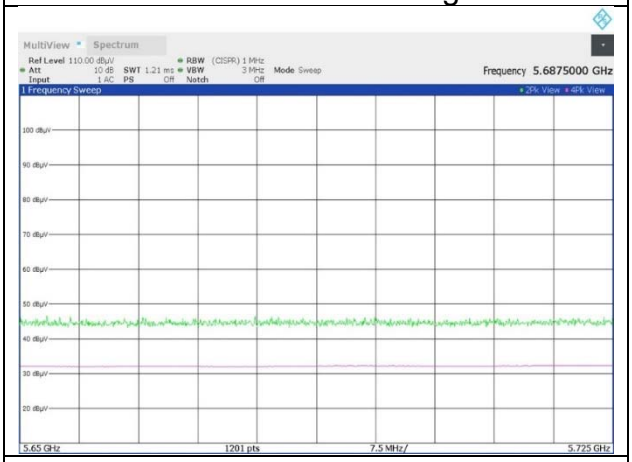
(* PK: Peak, AV: Average, QP: Quasi-Peak)

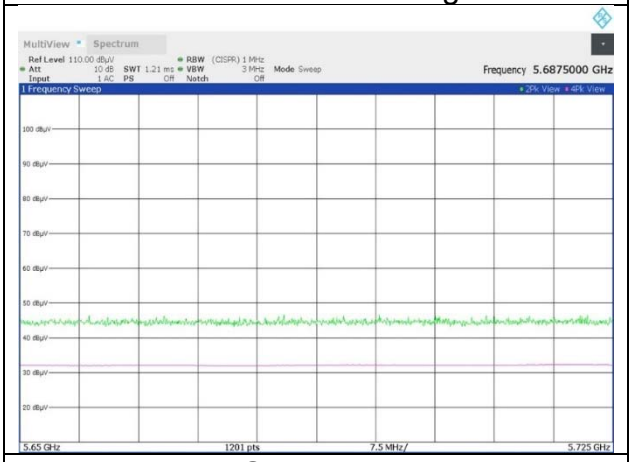
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.52	33.45	-26.24	-	2.26	55.99	-39.24	-27.0	**12.2**	110	339	-
Hori.	5700.000	PK	46.86	33.37	-26.23	-	2.26	56.26	-38.97	10.0	48.9	110	339	-
Hori.	5720.000	PK	46.79	33.37	-26.22	-	2.26	56.20	-39.03	15.6	54.6	110	339	-
Hori.	5725.000	PK	46.98	33.37	-26.23	-	2.26	56.38	-38.85	27.0	65.8	110	339	-
Hori.	17235.000	PK	47.28	40.19	-29.52	-	-9.54	48.41	-46.82	-27.0	19.8	150	0	-
Vert.	5650.000	PK	46.35	33.45	-26.24	-	2.26	55.82	-39.41	-27.0	12.4	218	7	-
Vert.	5700.000	PK	46.66	33.37	-26.23	-	2.26	56.06	-39.17	10.0	49.1	218	7	-
Vert.	5720.000	PK	46.64	33.37	-26.22	-	2.26	56.05	-39.18	15.6	54.7	218	7	-
Vert.	5725.000	PK	46.75	33.37	-26.23	-	2.26	56.15	-39.08	27.0	66.0	218	7	-
Vert.	17235.000	PK	47.39	40.19	-29.52	-	-9.54	48.52	-46.71	-27.0	19.7	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDM) 5745 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	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC 1	WAC1	WAC1	WAC1
Date	August 9, 2024	August 16, 2024	August 20, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 55 % RH	24 deg. C / 54 % RH	25 deg. C / 66 % RH	26 deg. C / 55 % RH
Engineer	Yosuke Murakami	Akihiro Oda	Shiro Kobayashi	Yosuke Murakami
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5785 MHz			

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	11570.000	PK	46.86	38.16	-32.12	-	-9.54	43.36	73.9	30.5	150	0	-
Hori.	11570.000	AV	32.58	38.16	-32.12	-	-9.54	29.08	53.9	24.8	150	0	VBW: 10 Hz, floor noise
Vert.	11570.000	PK	47.29	38.16	-32.12	-	-9.54	43.79	73.9	30.1	150	0	-
Vert.	11570.000	AV	32.19	38.16	-32.12	-	-9.54	28.69	53.9	25.2	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	17355.000	PK	47.16	40.37	-29.45	-	-9.54	48.54	-46.69	-27.0	**19.6**	150	0	-
Vert.	17355.000	PK	46.93	40.37	-29.45	-	-9.54	48.31	-46.92	-27.0	19.9	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.				
Semi Anechoic Chamber	WAC1	WAC 1	WAC1	WAC1	WAC1
Date	September 2, 2024	August 9, 2024	August 16, 2024	August 20, 2024	August 21, 2024
Temperature / Humidity	23 deg. C / 51 % RH	24 deg. C / 55 % RH	24 deg. C / 54 % RH	25 deg. C / 66 % RH	26 deg. C / 55 % RH
Engineer	Yuta Shiba	Yosuke Murakami	Akihiro Oda	Shiro Kobayashi	Yosuke Murakami
	(Below 1 GHz)	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz				

(below 1 GHz and above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	57.099	QP	44.90	9.63	6.43	33.12	0.00	27.84	40.0	12.1	399	343	-
Hori.	193.146	QP	43.00	14.14	7.19	33.07	0.00	31.26	43.5	12.2	171	19	-
Hori.	206.839	QP	42.00	11.40	7.25	33.04	0.00	27.61	43.5	15.8	163	10	-
Hori.	213.765	QP	41.80	11.26	7.27	33.02	0.00	27.31	43.5	16.1	160	11	-
Hori.	253.615	QP	47.00	11.98	7.40	32.91	0.00	33.47	46.0	12.5	113	24	-
Hori.	265.037	QP	44.30	12.58	7.44	32.89	0.00	31.43	46.0	14.5	120	17	-
Hori.	408.783	QP	43.80	16.03	7.86	32.50	0.00	35.19	46.0	10.8	100	352	-
Hori.	793.218	QP	36.80	20.81	8.74	30.98	0.00	35.37	46.0	**10.6**	124	291	-
Hori.	825.712	QP	31.20	20.99	8.79	30.83	0.00	30.15	46.0	15.8	112	328	-
Hori.	11650.000	PK	47.29	38.25	-32.16	-	-9.54	43.84	73.9	30.0	150	0	-
Hori.	11650.000	AV	32.90	38.25	-32.16	-	-9.54	29.45	53.9	24.4	150	0	VBW: 10 Hz, floor noise
Vert.	405.863	QP	36.90	15.98	7.85	32.50	0.00	28.23	46.0	17.7	123	159	-
Vert.	793.295	QP	32.20	20.82	8.74	30.98	0.00	30.78	46.0	15.2	243	178	-
Vert.	11650.000	PK	47.13	38.25	-32.16	-	-9.54	43.68	73.9	30.2	150	0	-
Vert.	11650.000	AV	32.78	38.25	-32.16	-	-9.54	29.33	53.9	24.5	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

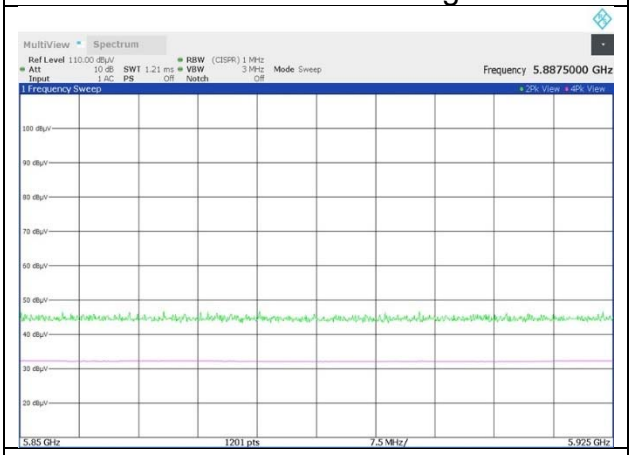
(* PK: Peak, AV: Average, QP: Quasi-Peak)

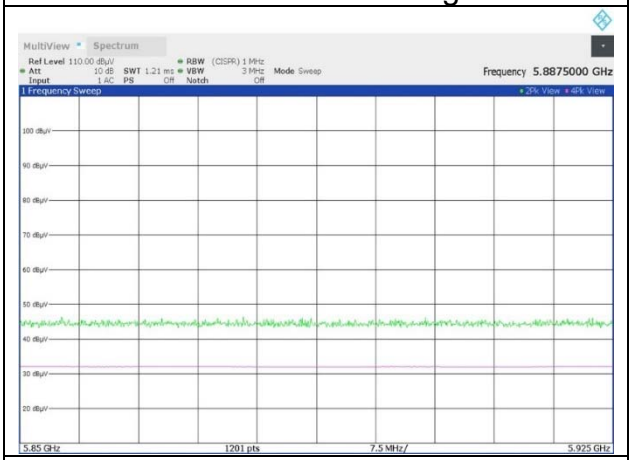
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.96	33.35	-26.19	-	2.26	56.38	-38.85	27.0	65.8	100	325	-
Hori.	5855.000	PK	46.75	33.36	-26.19	-	2.26	56.18	-39.05	15.6	54.6	100	325	-
Hori.	5875.000	PK	46.74	33.38	-26.19	-	2.26	56.19	-39.04	10.0	49.0	100	325	-
Hori.	5925.000	PK	46.90	33.53	-26.19	-	2.26	56.50	-38.73	-27.0	11.7	100	325	-
Hori.	17475.000	PK	46.65	40.44	-29.40	-	-9.54	48.15	-47.08	-27.0	20.0	150	0	-
Vert.	5850.000	PK	46.80	33.35	-26.19	-	2.26	56.22	-39.01	27.0	66.0	206	5	-
Vert.	5855.000	PK	46.40	33.36	-26.19	-	2.26	55.83	-39.40	15.6	55.0	206	5	-
Vert.	5875.000	PK	46.67	33.38	-26.19	-	2.26	56.12	-39.11	10.0	49.1	206	5	-
Vert.	5925.000	PK	46.61	33.53	-26.19	-	2.26	56.21	-39.02	-27.0	12.0	206	5	-
Vert.	17475.000	PK	47.01	40.44	-29.40	-	-9.54	48.51	-46.72	-27.0	19.7	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 26 tone RU Index 0

(Calculation) (above 1 GHz Outside of the restricted band)

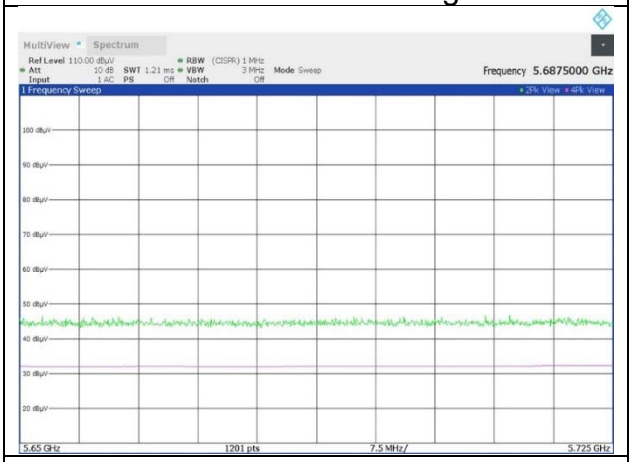
(* PK: Peak, AV: Average, QP: Quasi-Peak)

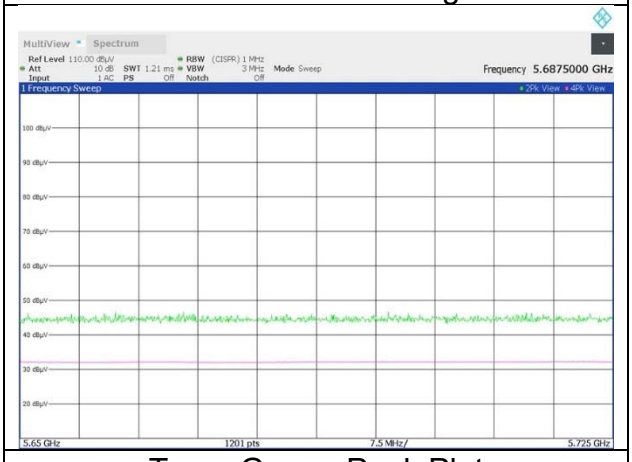
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.42	33.45	-26.24	-	2.26	55.89	-39.34	-27.0	12.3	100	314	-
Hori.	5700.000	PK	46.65	33.37	-26.23	-	2.26	56.05	-39.18	10.0	49.1	100	314	-
Hori.	5720.000	PK	46.96	33.37	-26.22	-	2.26	56.37	-38.86	15.6	54.4	100	314	-
Hori.	5725.000	PK	46.83	33.37	-26.23	-	2.26	56.23	-39.00	27.0	66.0	100	314	-
Vert.	5650.000	PK	47.03	33.45	-26.24	-	2.26	56.50	-38.73	-27.0	**11.7**	145	317	-
Vert.	5700.000	PK	47.17	33.37	-26.23	-	2.26	56.57	-38.66	10.0	48.6	145	317	-
Vert.	5720.000	PK	47.01	33.37	-26.22	-	2.26	56.42	-38.81	15.6	54.4	145	317	-
Vert.	5725.000	PK	47.20	33.37	-26.23	-	2.26	56.60	-38.63	27.0	65.6	145	317	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 26 tone RU Index 0

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 26 tone RU Index 8

(Calculation) (above 1 GHz Outside of the restricted band)

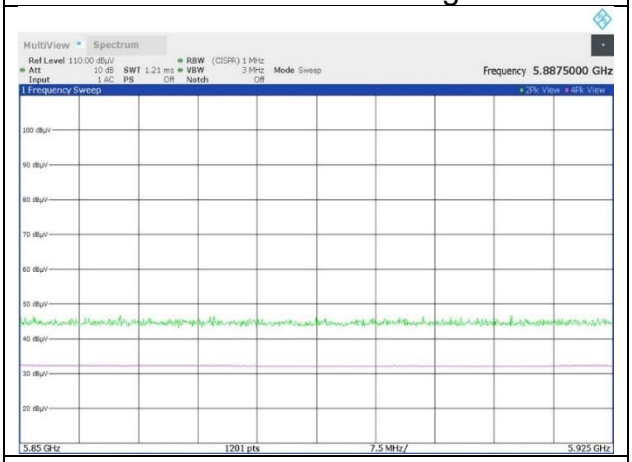
(* PK: Peak, AV: Average, QP: Quasi-Peak)

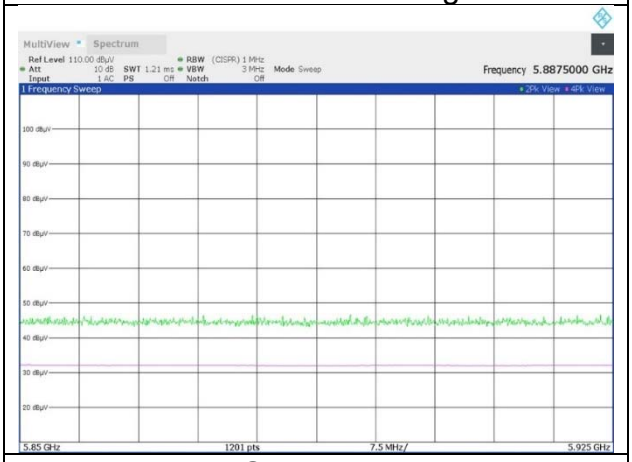
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.01	33.35	-26.19	-	2.26	56.43	-38.80	27.0	65.8	100	319	-
Hori.	5855.000	PK	47.03	33.36	-26.19	-	2.26	56.46	-38.77	15.6	54.3	100	319	-
Hori.	5875.000	PK	46.93	33.38	-26.19	-	2.26	56.38	-38.85	10.0	48.8	100	319	-
Hori.	5925.000	PK	47.01	33.53	-26.19	-	2.26	56.61	-38.62	-27.0	11.6	100	319	-
Vert.	5850.000	PK	47.22	33.35	-26.19	-	2.26	56.64	-38.59	27.0	65.5	119	61	-
Vert.	5855.000	PK	46.94	33.36	-26.19	-	2.26	56.37	-38.86	15.6	54.4	119	61	-
Vert.	5875.000	PK	47.01	33.38	-26.19	-	2.26	56.46	-38.77	10.0	48.7	119	61	-
Vert.	5925.000	PK	47.16	33.53	-26.19	-	2.26	56.76	-38.47	-27.0	**11.4**	119	61	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 26 tone RU Index 8

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 52 tone RU Index 37

(Calculation) (above 1 GHz Outside of the restricted band)

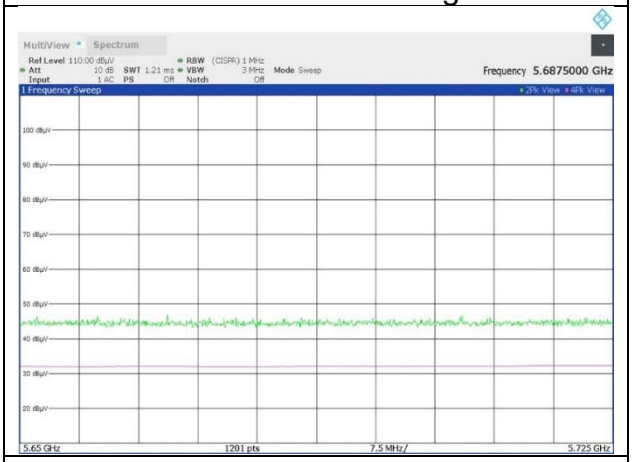
(* PK: Peak, AV: Average, QP: Quasi-Peak)

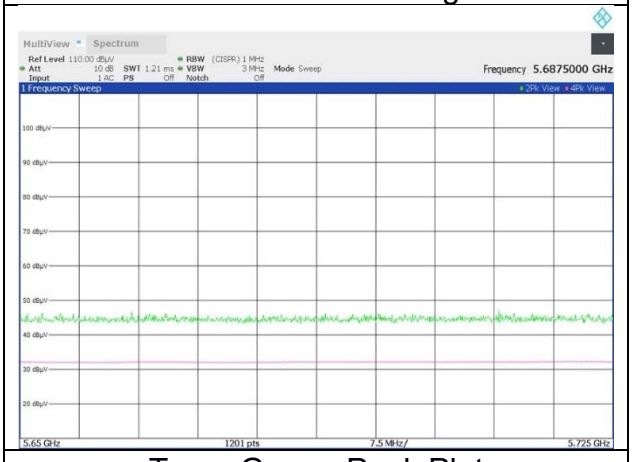
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.75	33.45	-26.24	-	2.26	56.22	-39.01	-27.0	**12.0**	100	307	-
Hori.	5700.000	PK	46.68	33.37	-26.23	-	2.26	56.08	-39.15	10.0	49.1	100	307	-
Hori.	5720.000	PK	46.66	33.37	-26.22	-	2.26	56.07	-39.16	15.6	54.7	100	307	-
Hori.	5725.000	PK	46.92	33.37	-26.23	-	2.26	56.32	-38.91	27.0	65.9	100	307	-
Vert.	5650.000	PK	46.75	33.45	-26.24	-	2.26	56.22	-39.01	-27.0	**12.0**	151	316	-
Vert.	5700.000	PK	46.82	33.37	-26.23	-	2.26	56.22	-39.01	10.0	49.0	151	316	-
Vert.	5720.000	PK	46.79	33.37	-26.22	-	2.26	56.20	-39.03	15.6	54.6	151	316	-
Vert.	5725.000	PK	46.93	33.37	-26.23	-	2.26	56.33	-38.90	27.0	65.9	151	316	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 52 tone RU Index 37

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 6.4 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 52 tone RU Index 40

(Calculation) (above 1 GHz Outside of the restricted band)

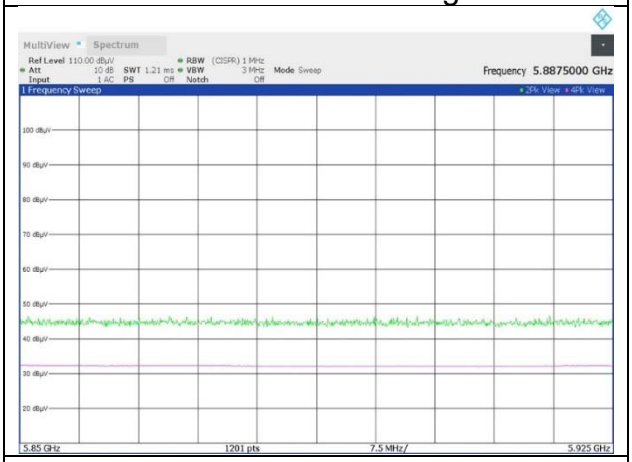
(* PK: Peak, AV: Average, QP: Quasi-Peak)

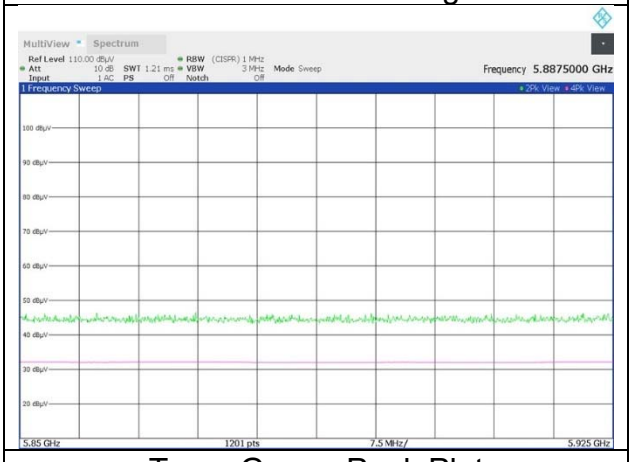
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.80	33.35	-26.19	-	2.26	56.22	-39.01	27.0	66.0	102	320	-
Hori.	5855.000	PK	46.70	33.36	-26.19	-	2.26	56.13	-39.10	15.6	54.7	102	320	-
Hori.	5875.000	PK	47.11	33.38	-26.19	-	2.26	56.56	-38.67	10.0	48.6	102	320	-
Hori.	5925.000	PK	46.92	33.53	-26.19	-	2.26	56.52	-38.71	-27.0	**11.7**	102	320	-
Vert.	5850.000	PK	47.13	33.35	-26.19	-	2.26	56.55	-38.68	27.0	65.6	122	60	-
Vert.	5855.000	PK	47.10	33.36	-26.19	-	2.26	56.53	-38.70	15.6	54.3	122	60	-
Vert.	5875.000	PK	46.90	33.38	-26.19	-	2.26	56.35	-38.88	10.0	48.8	122	60	-
Vert.	5925.000	PK	46.58	33.53	-26.19	-	2.26	56.18	-39.05	-27.0	12.0	122	60	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 6.4 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 52 tone RU Index 40

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 106 tone RU Index 53

(Calculation) (above 1 GHz Outside of the restricted band)

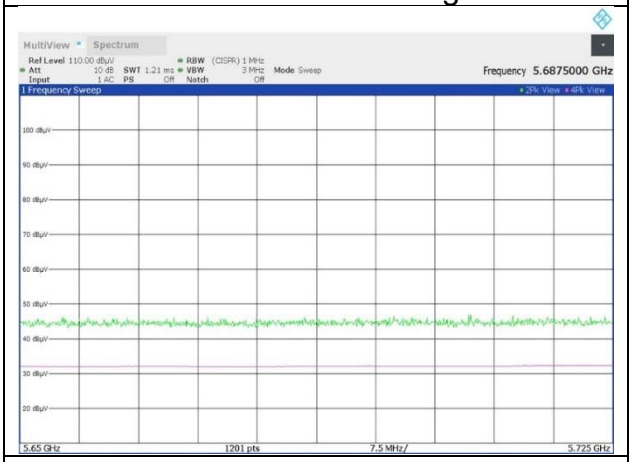
(* PK: Peak, AV: Average, QP: Quasi-Peak)

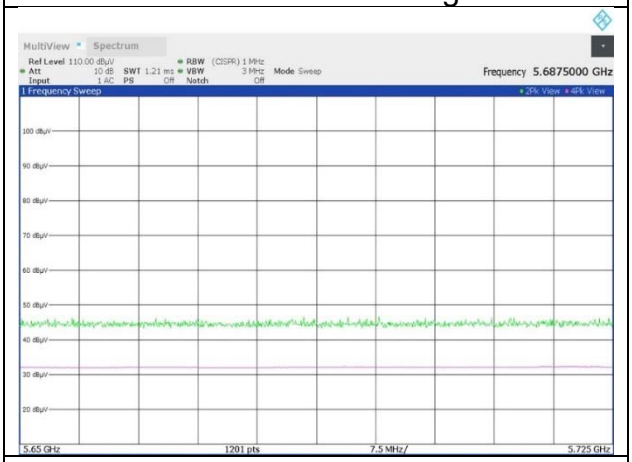
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.68	33.45	-26.24	-	2.26	56.15	-39.08	-27.0	12.0	100	313	-
Hori.	5700.000	PK	46.60	33.37	-26.23	-	2.26	56.00	-39.23	10.0	49.2	100	313	-
Hori.	5720.000	PK	46.89	33.37	-26.22	-	2.26	56.30	-38.93	15.6	54.5	100	313	-
Hori.	5725.000	PK	47.10	33.37	-26.23	-	2.26	56.50	-38.73	27.0	65.7	100	313	-
Vert.	5650.000	PK	46.80	33.45	-26.24	-	2.26	56.27	-38.96	-27.0	**11.9**	149	318	-
Vert.	5700.000	PK	46.64	33.37	-26.23	-	2.26	56.04	-39.19	10.0	49.1	149	318	-
Vert.	5720.000	PK	46.55	33.37	-26.22	-	2.26	55.96	-39.27	15.6	54.8	149	318	-
Vert.	5725.000	PK	46.61	33.37	-26.23	-	2.26	56.01	-39.22	27.0	66.2	149	318	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 106 tone RU Index 53

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 106 tone RU Index 54

(Calculation) (above 1 GHz Outside of the restricted band)

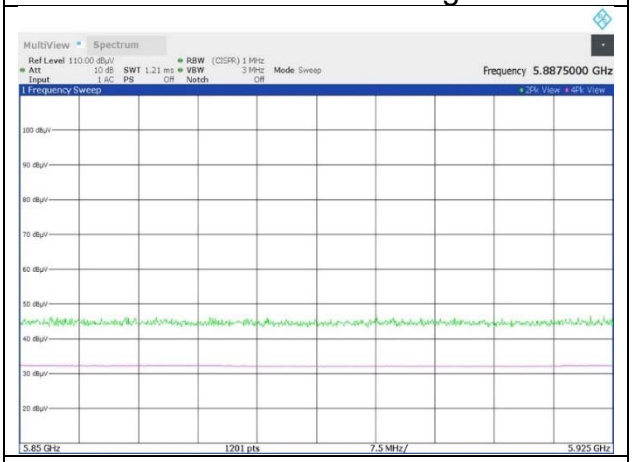
(* PK: Peak, AV: Average, QP: Quasi-Peak)

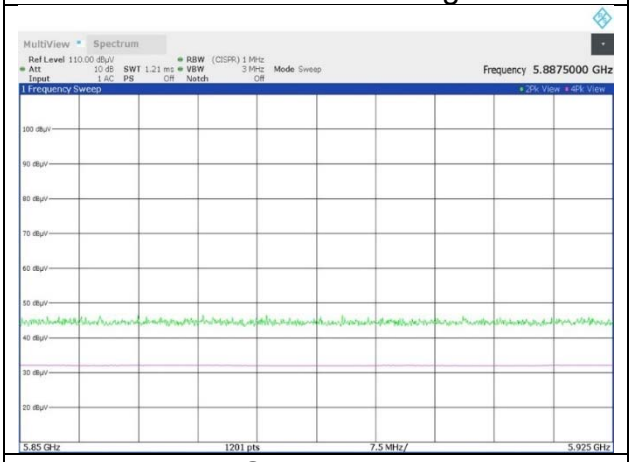
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.46	33.35	-26.19	-	2.26	55.88	-39.35	27.0	66.3	101	322	-
Hori.	5855.000	PK	46.49	33.36	-26.19	-	2.26	55.92	-39.31	15.6	54.9	101	322	-
Hori.	5875.000	PK	46.64	33.38	-26.19	-	2.26	56.09	-39.14	10.0	49.1	101	322	-
Hori.	5925.000	PK	46.72	33.53	-26.19	-	2.26	56.32	-38.91	-27.0	**11.9**	101	322	-
Vert.	5850.000	PK	46.81	33.35	-26.19	-	2.26	56.23	-39.00	27.0	66.0	119	60	-
Vert.	5855.000	PK	46.53	33.36	-26.19	-	2.26	55.96	-39.27	15.6	54.8	119	60	-
Vert.	5875.000	PK	46.67	33.38	-26.19	-	2.26	56.12	-39.11	10.0	49.1	119	60	-
Vert.	5925.000	PK	46.53	33.53	-26.19	-	2.26	56.13	-39.10	-27.0	12.1	119	60	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 106 tone RU Index 54

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 242 tone RU Index 61

(Calculation) (above 1 GHz Outside of the restricted band)

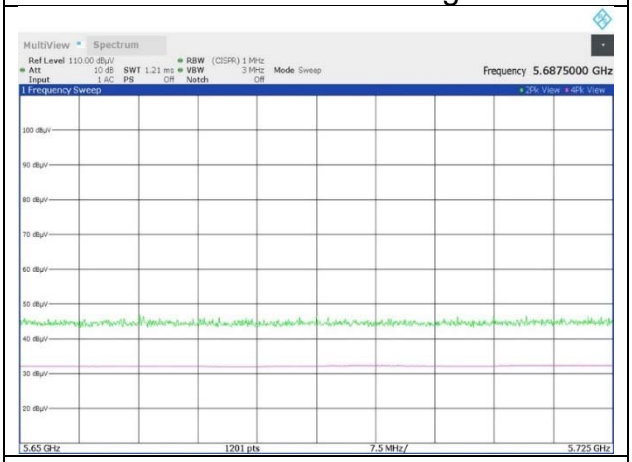
(* PK: Peak, AV: Average, QP: Quasi-Peak)

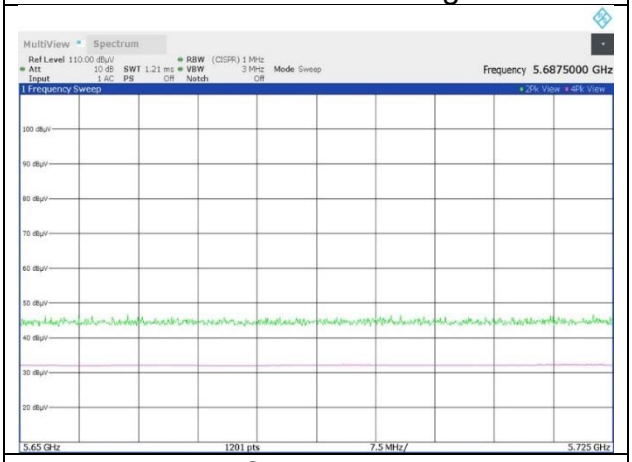
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	36.68	33.45	-26.24	-	2.26	46.15	-49.08	-27.0	22.0	100	314	-
Hori.	5700.000	PK	46.74	33.37	-26.23	-	2.26	56.14	-39.09	10.0	49.0	100	314	-
Hori.	5720.000	PK	47.12	33.37	-26.22	-	2.26	56.53	-38.70	15.6	54.3	100	314	-
Hori.	5725.000	PK	47.45	33.37	-26.23	-	2.26	56.85	-38.38	27.0	65.3	100	314	-
Vert.	5650.000	PK	46.35	33.45	-26.24	-	2.26	55.82	-39.41	-27.0	**12.4**	146	319	-
Vert.	5700.000	PK	46.59	33.37	-26.23	-	2.26	55.99	-39.24	10.0	49.2	146	319	-
Vert.	5720.000	PK	46.66	33.37	-26.22	-	2.26	56.07	-39.16	15.6	54.7	146	319	-
Vert.	5725.000	PK	46.86	33.37	-26.23	-	2.26	56.26	-38.97	27.0	65.9	146	319	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5745 MHz, 242 tone RU Index 61

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 242 tone RU Index 61

(Calculation) (above 1 GHz Outside of the restricted band)

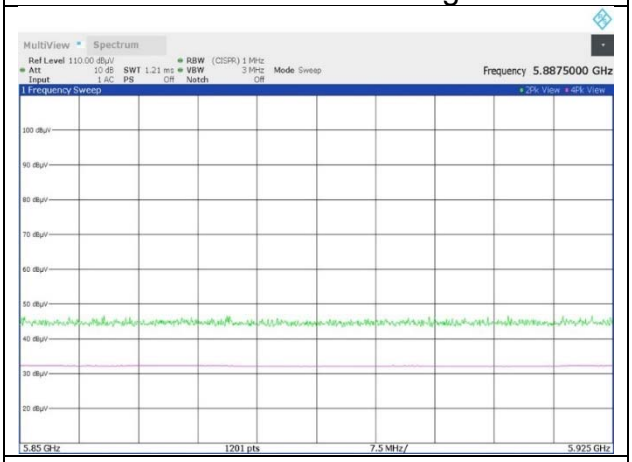
(* PK: Peak, AV: Average, QP: Quasi-Peak)

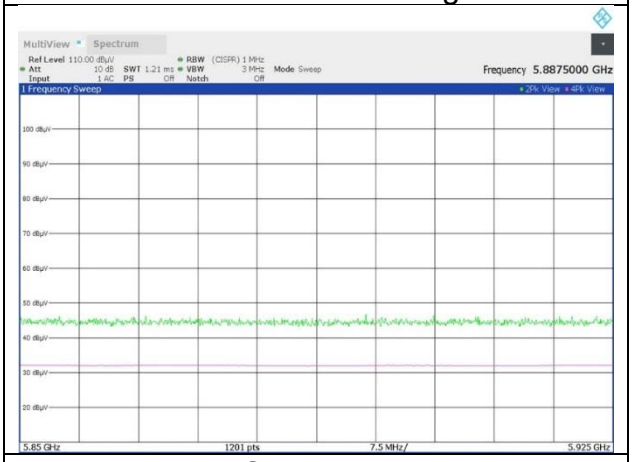
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.33	33.35	-26.19	-	2.26	56.75	-38.48	27.0	65.4	102	319	-
Hori.	5855.000	PK	47.38	33.36	-26.19	-	2.26	56.81	-38.42	15.6	54.0	102	319	-
Hori.	5875.000	PK	47.12	33.38	-26.19	-	2.26	56.57	-38.66	10.0	48.6	102	319	-
Hori.	5925.000	PK	46.98	33.53	-26.19	-	2.26	56.58	-38.65	-27.0	**11.6**	102	319	-
Vert.	5850.000	PK	46.84	33.35	-26.19	-	2.26	56.26	-38.97	27.0	65.9	119	60	-
Vert.	5855.000	PK	46.57	33.36	-26.19	-	2.26	56.00	-39.23	15.6	54.8	119	60	-
Vert.	5875.000	PK	46.49	33.38	-26.19	-	2.26	55.94	-39.29	10.0	49.2	119	60	-
Vert.	5925.000	PK	46.61	33.53	-26.19	-	2.26	56.21	-39.02	-27.0	12.0	119	60	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDMA) 5825 MHz, 242 tone RU Index 61

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	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC 1	WAC1	WAC1	WAC1
Date	August 9, 2024	August 16, 2024	August 20, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 55 % RH	24 deg. C / 54 % RH	25 deg. C / 66 % RH	26 deg. C / 55 % RH
Engineer	Yosuke Murakami	Akihiro Oda	Shiro Kobayashi	Yosuke Murakami
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-40 (OFDM) 5755 MHz			

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	11510.000	PK	47.21	38.12	-32.09	-	-9.54	43.70	73.9	30.2	150	0	-
Hori.	11510.000	AV	32.90	38.12	-32.09	-	-9.54	29.39	53.9	24.5	150	0	VBW: 10 Hz, floor noise
Vert.	11510.000	PK	46.87	38.12	-32.09	-	-9.54	43.36	73.9	30.5	150	0	-
Vert.	11510.000	AV	32.87	38.12	-32.09	-	-9.54	29.36	53.9	24.5	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

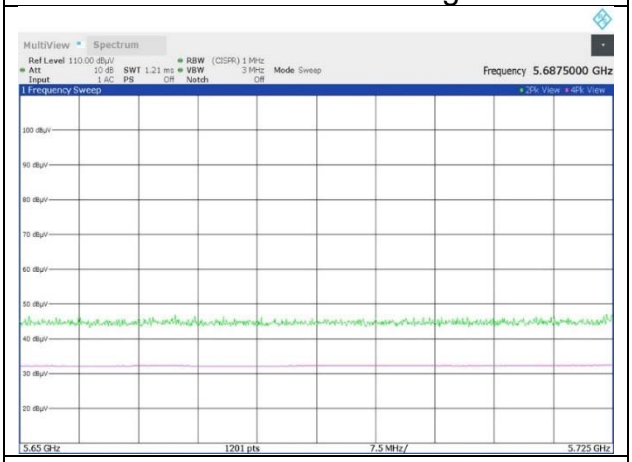
(* PK: Peak, AV: Average, QP: Quasi-Peak)

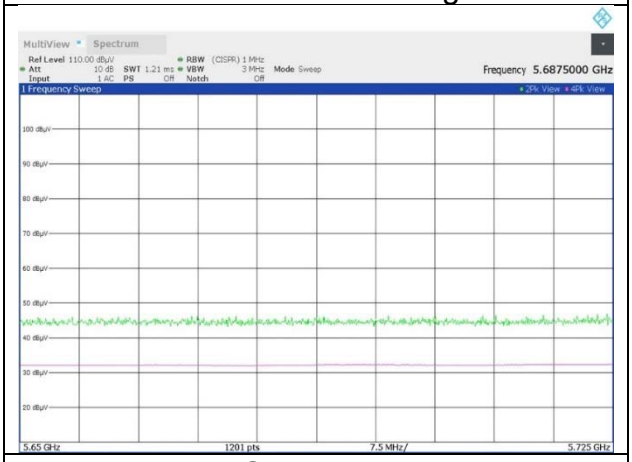
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.90	33.45	-26.24	-	2.26	56.37	-38.86	-27.0	**11.8**	100	325	-
Hori.	5700.000	PK	47.01	33.37	-26.23	-	2.26	56.41	-38.82	10.0	48.8	100	325	-
Hori.	5720.000	PK	46.95	33.37	-26.22	-	2.26	56.36	-38.87	15.6	54.4	100	325	-
Hori.	5725.000	PK	49.42	33.37	-26.23	-	2.26	58.82	-36.41	27.0	63.4	100	325	-
Hori.	17265.000	PK	46.86	40.25	-29.51	-	-9.54	48.06	-47.17	-27.0	20.1	150	0	-
Vert.	5650.000	PK	46.53	33.45	-26.24	-	2.26	56.00	-39.23	-27.0	12.2	221	8	-
Vert.	5700.000	PK	46.62	33.37	-26.23	-	2.26	56.02	-39.21	10.0	49.2	221	8	-
Vert.	5720.000	PK	47.11	33.37	-26.22	-	2.26	56.52	-38.71	15.6	54.3	221	8	-
Vert.	5725.000	PK	47.30	33.37	-26.23	-	2.26	56.70	-38.53	27.0	65.5	221	8	-
Vert.	17265.000	PK	46.57	40.25	-29.51	-	-9.54	47.77	-47.46	-27.0	20.4	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDM) 5755 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	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC 1	WAC1	WAC1	WAC1
Date	August 9, 2024	August 16, 2024	August 20, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 55 % RH	24 deg. C / 54 % RH	25 deg. C / 66 % RH	26 deg. C / 55 % RH
Engineer	Yosuke Murakami	Akihiro Oda	Shiro Kobayashi	Yosuke Murakami
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-40 (OFDM) 5795 MHz			

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	11590.000	PK	47.70	38.19	-32.13	-	-9.54	44.22	73.9	29.6	150	0	-
Hori.	11590.000	AV	33.27	38.19	-32.13	-	-9.54	29.79	53.9	24.1	150	0	VBW: 10 Hz, floor noise
Vert.	11590.000	PK	46.99	38.19	-32.13	-	-9.54	43.51	73.9	30.3	150	0	-
Vert.	11590.000	AV	33.29	38.19	-32.13	-	-9.54	29.81	53.9	24.0	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

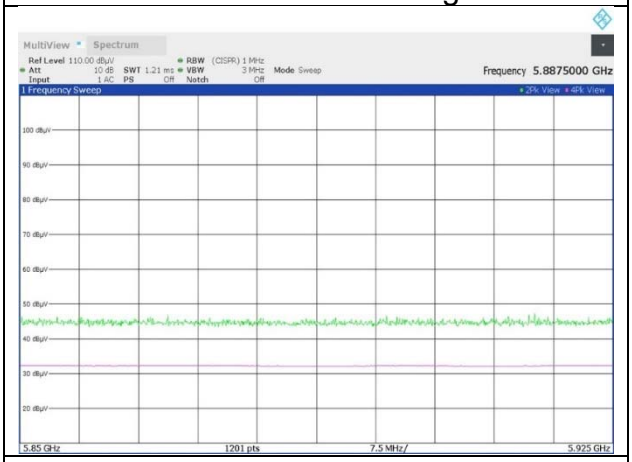
(* PK: Peak, AV: Average, QP: Quasi-Peak)

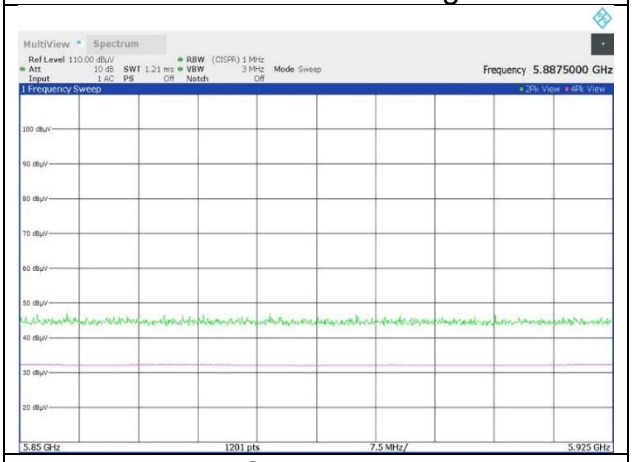
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.63	33.35	-26.19	-	2.26	57.05	-38.18	27.0	65.1	100	322	-
Hori.	5855.000	PK	47.01	33.36	-26.19	-	2.26	56.44	-38.79	15.6	54.3	100	322	-
Hori.	5875.000	PK	46.45	33.38	-26.19	-	2.26	55.90	-39.33	10.0	49.3	100	322	-
Hori.	5925.000	PK	46.88	33.53	-26.19	-	2.26	56.48	-38.75	-27.0	**11.7**	100	322	-
Hori.	17385.000	PK	47.53	40.41	-29.45	-	-9.54	48.95	-46.28	-27.0	19.2	150	0	-
Vert.	5850.000	PK	46.73	33.35	-26.19	-	2.26	56.15	-39.08	27.0	66.0	229	5	-
Vert.	5855.000	PK	46.37	33.36	-26.19	-	2.26	55.80	-39.43	15.6	55.0	229	5	-
Vert.	5875.000	PK	46.46	33.38	-26.19	-	2.26	55.91	-39.32	10.0	49.3	229	5	-
Vert.	5925.000	PK	46.38	33.53	-26.19	-	2.26	55.98	-39.25	-27.0	12.2	229	5	-
Vert.	17385.000	PK	47.00	40.41	-29.45	-	-9.54	48.42	-46.81	-27.0	19.8	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDM) 5795 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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 26 tone RU Index 0

(Calculation) (above 1 GHz Outside of the restricted band)

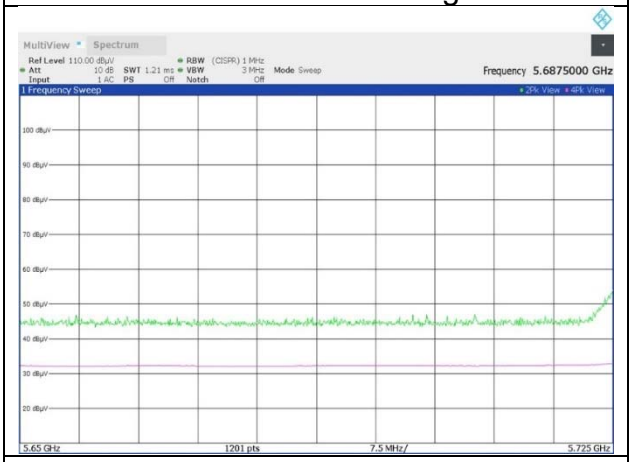
(* PK: Peak, AV: Average, QP: Quasi-Peak)

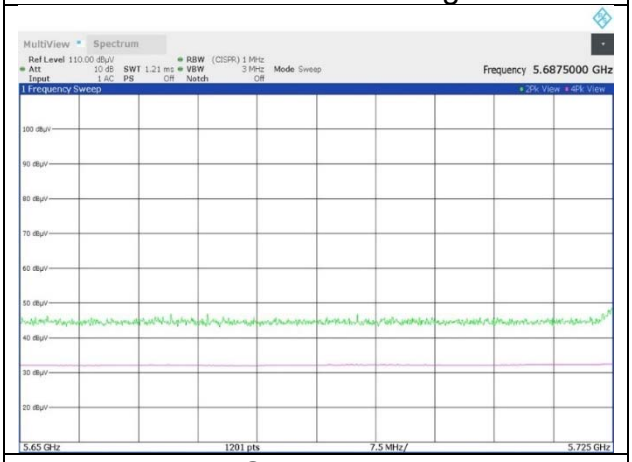
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.71	33.45	-26.24	-	2.26	56.18	-39.05	-27.0	**12.0**	100	311	-
Hori.	5700.000	PK	46.85	33.37	-26.23	-	2.26	56.25	-38.98	10.0	48.9	100	311	-
Hori.	5720.000	PK	47.14	33.37	-26.22	-	2.26	56.55	-38.68	15.6	54.2	100	311	-
Hori.	5725.000	PK	55.19	33.37	-26.23	-	2.26	64.59	-30.64	27.0	57.6	100	311	-
Vert.	5650.000	PK	46.63	33.45	-26.24	-	2.26	56.10	-39.13	-27.0	12.1	112	323	-
Vert.	5700.000	PK	46.84	33.37	-26.23	-	2.26	56.24	-38.99	10.0	48.9	112	323	-
Vert.	5720.000	PK	47.65	33.37	-26.22	-	2.26	57.06	-38.17	15.6	53.7	112	323	-
Vert.	5725.000	PK	51.17	33.37	-26.23	-	2.26	60.57	-34.66	27.0	61.6	112	323	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 26 tone RU Index 0

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 26 tone RU Index 17

(Calculation) (above 1 GHz Outside of the restricted band)

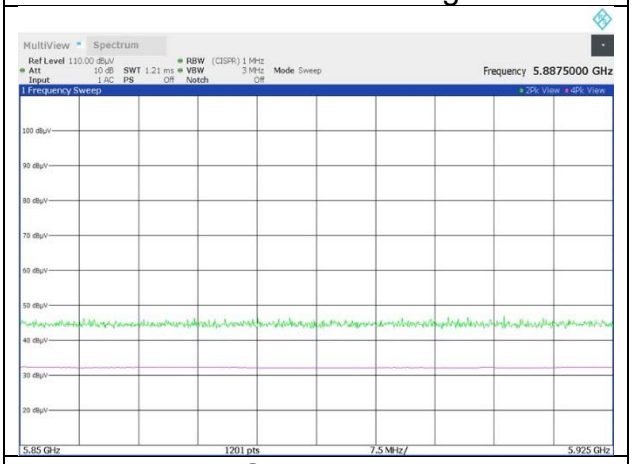
(* PK: Peak, AV: Average, QP: Quasi-Peak)

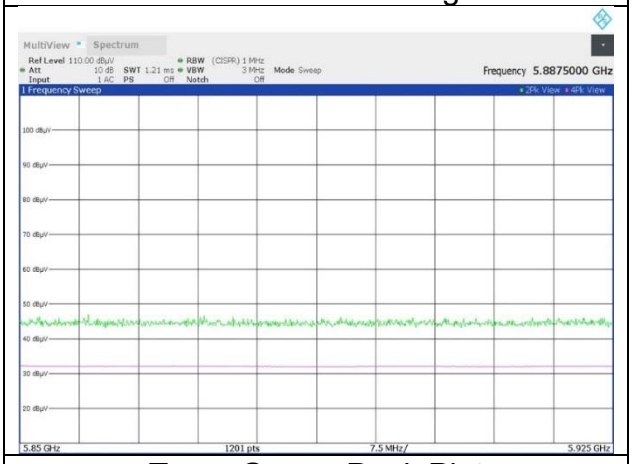
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.10	33.35	-26.19	0.00	2.26	56.52	-38.71	27.0	65.7	100	319	-
Hori.	5855.000	PK	46.91	33.36	-26.19	0.00	2.26	56.34	-38.89	15.6	54.4	100	319	-
Hori.	5875.000	PK	46.54	33.38	-26.19	0.00	2.26	55.99	-39.24	10.0	49.2	100	319	-
Hori.	5925.000	PK	46.44	33.53	-26.19	0.00	2.26	56.04	-39.19	-27.0	**12.1**	100	319	-
Vert.	5850.000	PK	46.99	33.35	-26.19	0.00	2.26	56.41	-38.82	27.0	65.8	117	63	-
Vert.	5855.000	PK	46.52	33.36	-26.19	0.00	2.26	55.95	-39.28	15.6	54.8	117	63	-
Vert.	5875.000	PK	46.44	33.38	-26.19	0.00	2.26	55.89	-39.34	10.0	49.3	117	63	-
Vert.	5925.000	PK	46.49	33.53	-26.19	0.00	2.26	56.09	-39.14	-27.0	**12.1**	117	63	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 26 tone RU Index 17

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 52 tone RU Index 37

(Calculation) (above 1 GHz Outside of the restricted band)

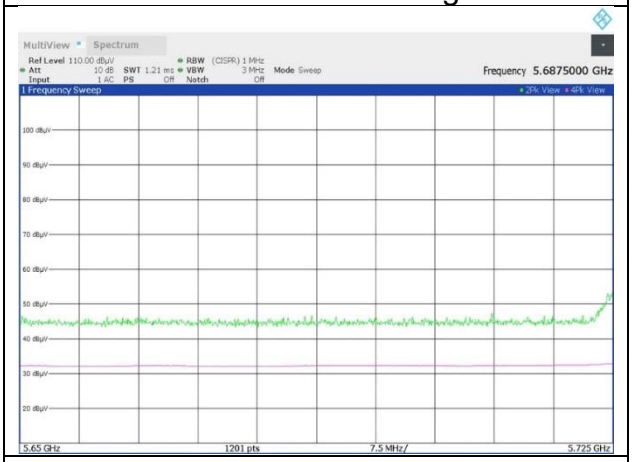
(* PK: Peak, AV: Average, QP: Quasi-Peak)

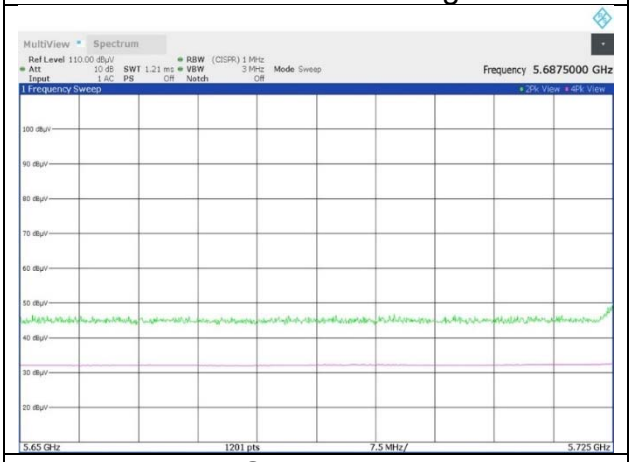
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.80	33.45	-26.24	-	2.26	56.27	-38.96	-27.0	**11.9**	100	309	-
Hori.	5700.000	PK	46.70	33.37	-26.23	-	2.26	56.10	-39.13	10.0	49.1	100	309	-
Hori.	5720.000	PK	47.24	33.37	-26.22	-	2.26	56.65	-38.58	15.6	54.1	100	309	-
Hori.	5725.000	PK	54.97	33.37	-26.23	-	2.26	64.37	-30.86	27.0	57.8	100	309	-
Vert.	5650.000	PK	46.46	33.45	-26.24	-	2.26	55.93	-39.30	-27.0	12.3	112	321	-
Vert.	5700.000	PK	46.90	33.37	-26.23	-	2.26	56.30	-38.93	10.0	48.9	112	321	-
Vert.	5720.000	PK	47.53	33.37	-26.22	-	2.26	56.94	-38.29	15.6	53.8	112	321	-
Vert.	5725.000	PK	51.11	33.37	-26.23	-	2.26	60.51	-34.72	27.0	61.7	112	321	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 52 tone RU Index 37

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 52 tone RU Index 44

(Calculation) (above 1 GHz Outside of the restricted band)

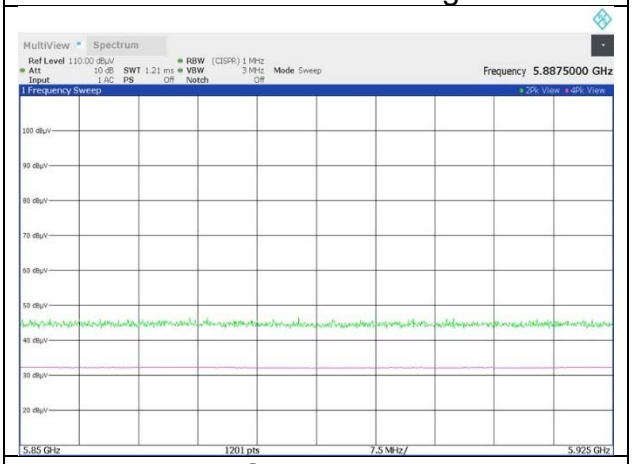
(* PK: Peak, AV: Average, QP: Quasi-Peak)

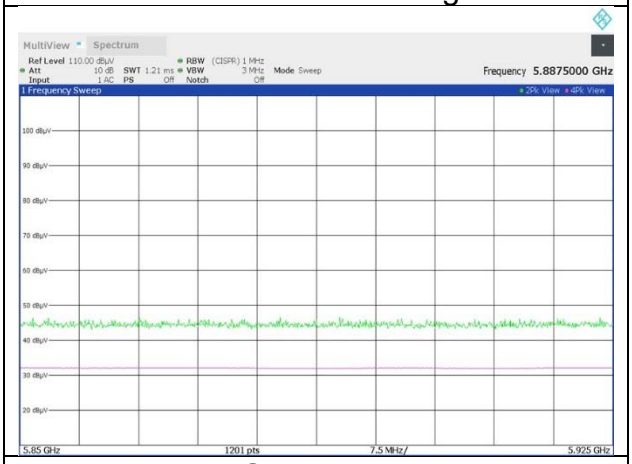
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.11	33.35	-26.19	-	2.26	56.53	-38.70	27.0	65.7	100	323	-
Hori.	5855.000	PK	46.95	33.36	-26.19	-	2.26	56.38	-38.85	15.6	54.4	100	323	-
Hori.	5875.000	PK	46.44	33.38	-26.19	-	2.26	55.89	-39.34	10.0	49.3	100	323	-
Hori.	5925.000	PK	46.39	33.53	-26.19	-	2.26	55.99	-39.24	-27.0	12.2	100	323	-
Vert.	5850.000	PK	46.77	33.35	-26.19	-	2.26	56.19	-39.04	27.0	66.0	117	61	-
Vert.	5855.000	PK	46.48	33.36	-26.19	-	2.26	55.91	-39.32	15.6	54.9	117	61	-
Vert.	5875.000	PK	46.45	33.38	-26.19	-	2.26	55.90	-39.33	10.0	49.3	117	61	-
Vert.	5925.000	PK	46.49	33.53	-26.19	-	2.26	56.09	-39.14	-27.0	**12.1**	117	61	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 52 tone RU Index 44

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 106 tone RU Index 53

(Calculation) (above 1 GHz Outside of the restricted band)

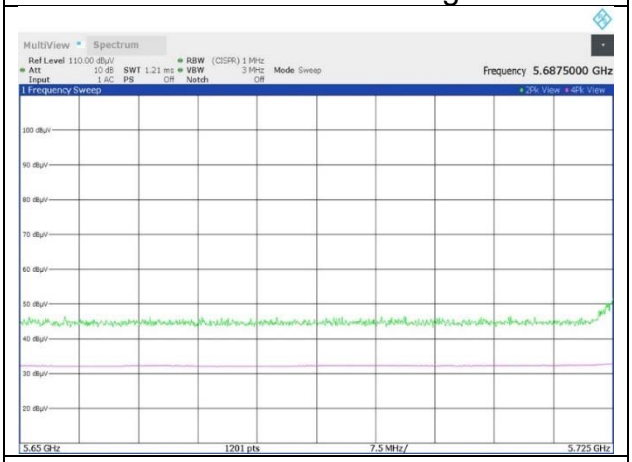
(* PK: Peak, AV: Average, QP: Quasi-Peak)

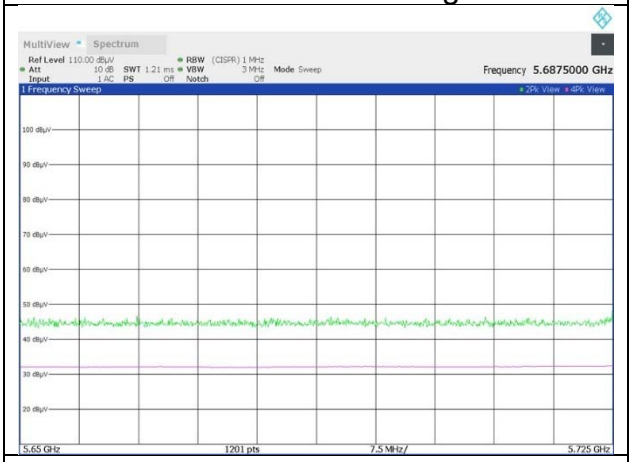
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.32	33.45	-26.24	-	2.26	55.79	-39.44	-27.0	12.4	100	315	-
Hori.	5700.000	PK	46.47	33.37	-26.23	-	2.26	55.87	-39.36	10.0	49.3	100	315	-
Hori.	5720.000	PK	47.03	33.37	-26.22	-	2.26	56.44	-38.79	15.6	54.3	100	315	-
Hori.	5725.000	PK	53.31	33.37	-26.23	-	2.26	62.71	-32.52	27.0	59.5	100	315	-
Vert.	5650.000	PK	46.52	33.45	-26.24	-	2.26	55.99	-39.24	-27.0	**12.2**	113	322	-
Vert.	5700.000	PK	47.03	33.37	-26.23	-	2.26	56.43	-38.80	10.0	48.8	113	322	-
Vert.	5720.000	PK	47.90	33.37	-26.22	-	2.26	57.31	-37.92	15.6	53.5	113	322	-
Vert.	5725.000	PK	49.73	33.37	-26.23	-	2.26	59.13	-36.10	27.0	63.1	113	322	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 106 tone RU Index 53

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 106 tone RU Index 57

(Calculation) (above 1 GHz Outside of the restricted band)

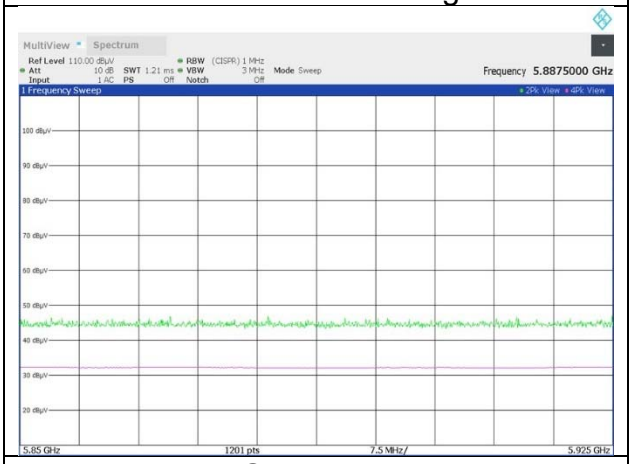
(* PK: Peak, AV: Average, QP: Quasi-Peak)

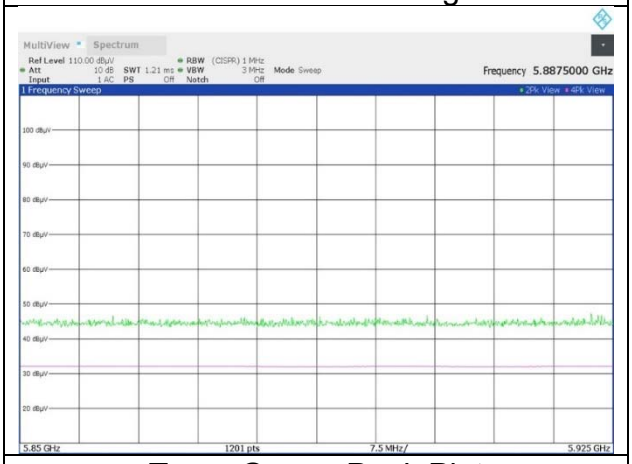
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.24	33.35	-26.19	-	2.26	56.66	-38.57	27.0	65.5	100	323	-
Hori.	5855.000	PK	46.93	33.36	-26.19	-	2.26	56.36	-38.87	15.6	54.4	100	323	-
Hori.	5875.000	PK	46.40	33.38	-26.19	-	2.26	55.85	-39.38	10.0	49.3	100	323	-
Hori.	5925.000	PK	46.46	33.53	-26.19	-	2.26	56.06	-39.17	-27.0	**12.1**	100	323	-
Vert.	5850.000	PK	46.69	33.35	-26.19	-	2.26	56.11	-39.12	27.0	66.1	115	59	-
Vert.	5855.000	PK	46.56	33.36	-26.19	-	2.26	55.99	-39.24	15.6	54.8	115	59	-
Vert.	5875.000	PK	46.37	33.38	-26.19	-	2.26	55.82	-39.41	10.0	49.4	115	59	-
Vert.	5925.000	PK	46.44	33.53	-26.19	-	2.26	56.04	-39.19	-27.0	**12.1**	115	59	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 106 tone RU Index 57

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 242 tone RU Index 61

(Calculation) (above 1 GHz Outside of the restricted band)

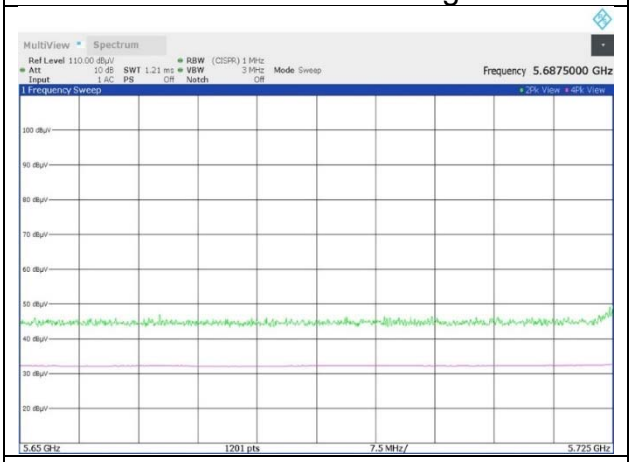
(* PK: Peak, AV: Average, QP: Quasi-Peak)

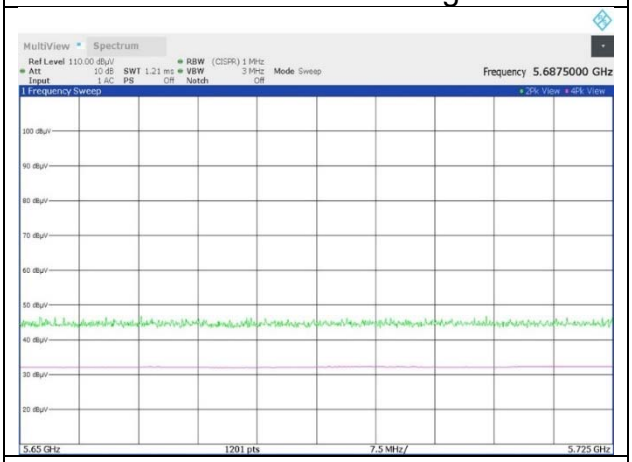
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.84	33.45	-26.24	-	2.26	56.31	-38.92	-27.0	**11.9**	100	310	-
Hori.	5700.000	PK	46.94	33.37	-26.23	-	2.26	56.34	-38.89	10.0	48.8	100	310	-
Hori.	5720.000	PK	46.97	33.37	-26.22	-	2.26	56.38	-38.85	15.6	54.4	100	310	-
Hori.	5725.000	PK	50.62	33.37	-26.23	-	2.26	60.02	-35.21	27.0	62.2	100	310	-
Vert.	5650.000	PK	46.50	33.45	-26.24	-	2.26	55.97	-39.26	-27.0	12.2	110	316	-
Vert.	5700.000	PK	46.67	33.37	-26.23	-	2.26	56.07	-39.16	10.0	49.1	110	316	-
Vert.	5720.000	PK	47.25	33.37	-26.22	-	2.26	56.66	-38.57	15.6	54.1	110	316	-
Vert.	5725.000	PK	47.42	33.37	-26.23	-	2.26	56.82	-38.41	27.0	65.4	110	316	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 242 tone RU Index 61

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 242 tone RU Index 62

(Calculation) (above 1 GHz Outside of the restricted band)

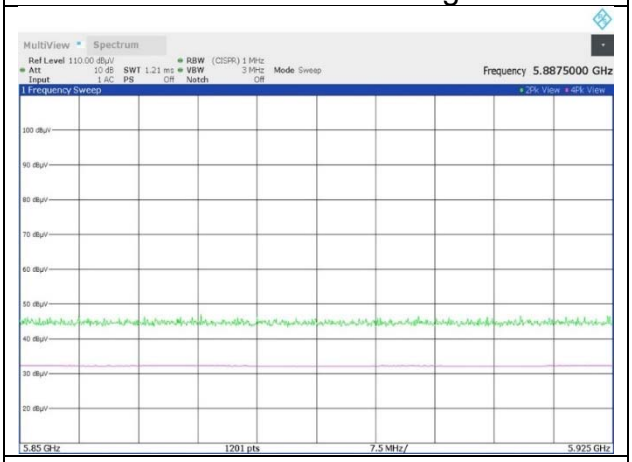
(* PK: Peak, AV: Average, QP: Quasi-Peak)

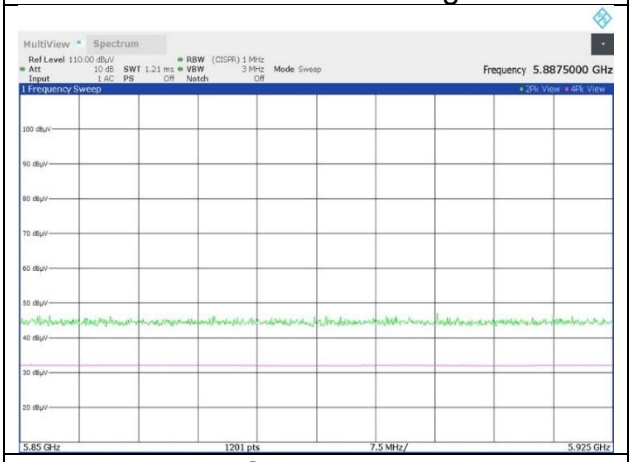
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.99	33.35	-26.19	-	2.26	56.41	-38.82	27.0	65.8	100	325	-
Hori.	5855.000	PK	46.74	33.36	-26.19	-	2.26	56.17	-39.06	15.6	54.6	100	325	-
Hori.	5875.000	PK	46.50	33.38	-26.19	-	2.26	55.95	-39.28	10.0	49.2	100	325	-
Hori.	5925.000	PK	46.43	33.53	-26.19	-	2.26	56.03	-39.20	-27.0	12.2	100	325	-
Vert.	5850.000	PK	46.69	33.35	-26.19	-	2.26	56.11	-39.12	27.0	66.1	117	64	-
Vert.	5855.000	PK	46.63	33.36	-26.19	-	2.26	56.06	-39.17	15.6	54.7	117	64	-
Vert.	5875.000	PK	46.51	33.38	-26.19	-	2.26	55.96	-39.27	10.0	49.2	117	64	-
Vert.	5925.000	PK	46.46	33.53	-26.19	-	2.26	56.06	-39.17	-27.0	**12.1**	117	64	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 242 tone RU Index 62

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 484 tone RU Index 65

(Calculation) (above 1 GHz Outside of the restricted band)

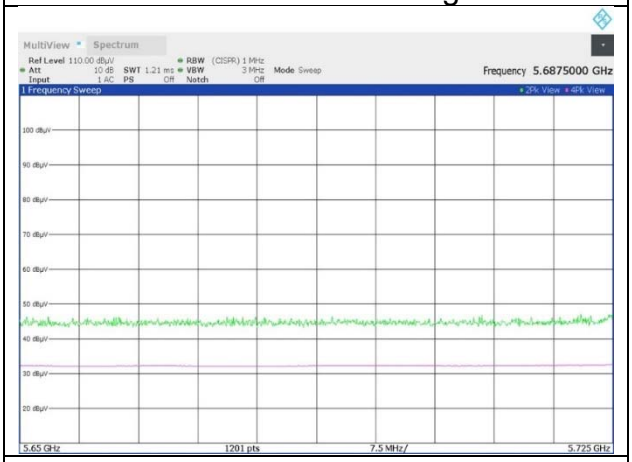
(* PK: Peak, AV: Average, QP: Quasi-Peak)

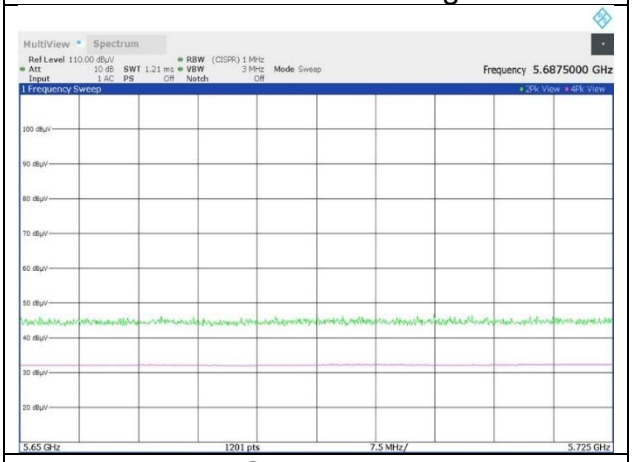
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.33	33.45	-26.24	-	2.26	55.80	-39.43	-27.0	12.4	100	0	-
Hori.	5700.000	PK	46.58	33.37	-26.23	-	2.26	55.98	-39.25	10.0	49.2	100	309	-
Hori.	5720.000	PK	46.99	33.37	-26.22	-	2.26	56.40	-38.83	15.6	54.4	100	309	-
Hori.	5725.000	PK	49.77	33.37	-26.23	-	2.26	59.17	-36.06	27.0	63.0	100	309	-
Vert.	5650.000	PK	46.53	33.45	-26.24	-	2.26	56.00	-39.23	-27.0	**12.2**	109	320	-
Vert.	5700.000	PK	47.02	33.37	-26.23	-	2.26	56.42	-38.81	10.0	48.8	109	320	-
Vert.	5720.000	PK	46.92	33.37	-26.22	-	2.26	56.33	-38.90	15.6	54.5	109	320	-
Vert.	5725.000	PK	47.09	33.37	-26.23	-	2.26	56.49	-38.74	27.0	65.7	109	320	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5755 MHz, 484 tone RU Index 65

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 484 tone RU Index 65

(Calculation) (above 1 GHz Outside of the restricted band)

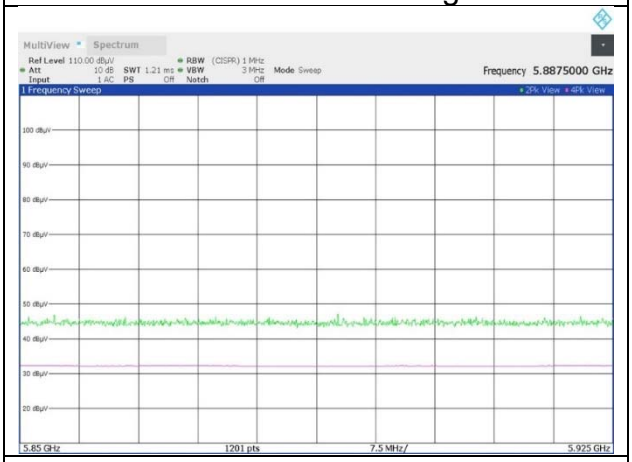
(* PK: Peak, AV: Average, QP: Quasi-Peak)

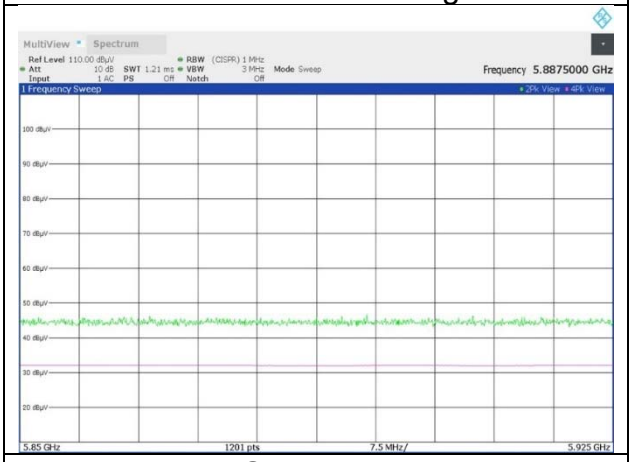
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.79	33.35	-26.19	-	2.26	56.21	-39.02	27.0	66.0	100	322	-
Hori.	5855.000	PK	46.74	33.36	-26.19	-	2.26	56.17	-39.06	15.6	54.6	100	322	-
Hori.	5875.000	PK	46.34	33.38	-26.19	-	2.26	55.79	-39.44	10.0	49.4	100	322	-
Hori.	5925.000	PK	46.45	33.53	-26.19	-	2.26	56.05	-39.18	-27.0	**12.1**	100	322	-
Vert.	5850.000	PK	46.78	33.35	-26.19	-	2.26	56.20	-39.03	27.0	66.0	116	61	-
Vert.	5855.000	PK	46.46	33.36	-26.19	-	2.26	55.89	-39.34	15.6	54.9	116	61	-
Vert.	5875.000	PK	46.43	33.38	-26.19	-	2.26	55.88	-39.35	10.0	49.3	116	61	-
Vert.	5925.000	PK	46.31	33.53	-26.19	-	2.26	55.91	-39.32	-27.0	12.3	116	61	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 9, 2024
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Yosuke Murakami
	(1 GHz to 10 GHz)
Mode	Tx 11ax-40 (OFDMA) 5795 MHz, 484 tone RU Index 65

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	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC1	WAC1	WAC1	WAC1
Date	August 12, 2024	August 16, 2024	August 20, 2024	August 21, 2024
Temperature / Humidity	22 deg. C / 53 % RH	24 deg. C / 54 % RH	25 deg. C / 66 % RH	26 deg. C / 55 % RH
Engineer	Takahiro Suzuki	Akihiro Oda	Shiro Kobayashi	Yosuke Murakami
	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-80 (OFDM) 5775 MHz			

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	11550.000	PK	47.00	38.15	-32.11	-	-9.54	43.50	73.9	30.4	150	0	-
Hori.	11550.000	AV	32.60	38.15	-32.11	-	-9.54	29.10	53.9	24.8	150	0	VBW: 10 Hz, floor noise
Vert.	11550.000	PK	47.36	38.15	-32.11	-	-9.54	43.86	73.9	30.0	150	0	-
Vert.	11550.000	AV	32.61	38.15	-32.11	-	-9.54	29.11	53.9	24.7	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	47.99	33.45	-26.24	-	2.26	57.46	-37.77	-27.0	10.7	100	325	-
Hori.	5700.000	PK	48.17	33.37	-26.23	-	2.26	57.57	-37.66	10.0	47.6	100	325	-
Hori.	5720.000	PK	49.17	33.37	-26.22	-	2.26	58.58	-36.65	15.6	52.2	100	325	-
Hori.	5725.000	PK	53.11	33.37	-26.23	-	2.26	62.51	-32.72	27.0	59.7	100	325	-
Hori.	5850.000	PK	47.47	33.35	-26.19	-	2.26	56.89	-38.34	27.0	65.3	100	325	-
Hori.	5855.000	PK	48.49	33.36	-26.19	-	2.26	57.92	-37.31	15.6	52.9	100	325	-
Hori.	5875.000	PK	47.55	33.38	-26.19	-	2.26	57.00	-38.23	10.0	48.2	100	325	-
Hori.	5925.000	PK	48.29	33.53	-26.19	-	2.26	57.89	-37.34	-27.0	**10.3**	100	325	-
Hori.	17325.000	PK	46.81	40.31	-29.47	-	-9.54	48.11	-47.12	-27.0	20.1	150	0	-
Vert.	5650.000	PK	47.95	33.45	-26.24	-	2.26	57.42	-37.81	-27.0	10.8	189	8	-
Vert.	5700.000	PK	47.52	33.37	-26.23	-	2.26	56.92	-38.31	10.0	48.3	189	8	-
Vert.	5720.000	PK	49.08	33.37	-26.22	-	2.26	58.49	-36.74	15.6	52.3	189	8	-
Vert.	5725.000	PK	52.17	33.37	-26.23	-	2.26	61.57	-33.66	27.0	60.6	189	8	-
Vert.	5850.000	PK	48.04	33.35	-26.19	-	2.26	57.46	-37.77	27.0	64.7	189	8	-
Vert.	5855.000	PK	47.97	33.36	-26.19	-	2.26	57.40	-37.83	15.6	53.4	189	8	-
Vert.	5875.000	PK	47.85	33.38	-26.19	-	2.26	57.30	-37.93	10.0	47.9	189	8	-
Vert.	5925.000	PK	48.06	33.53	-26.19	-	2.26	57.66	-37.57	-27.0	10.5	189	8	-
Vert.	17325.000	PK	46.34	40.31	-29.47	-	-9.54	47.64	-47.59	-27.0	20.5	150	0	-

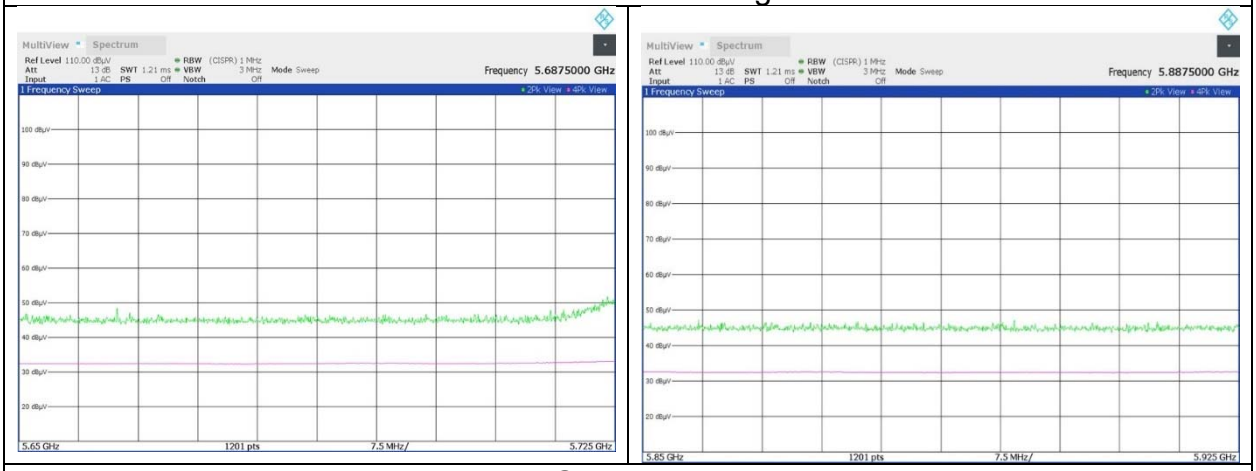
1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 12, 2024
Temperature / Humidity	22 deg. C / 53 % RH
Engineer	Takahiro Suzuki
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDM) 5775 MHz

Horizontal

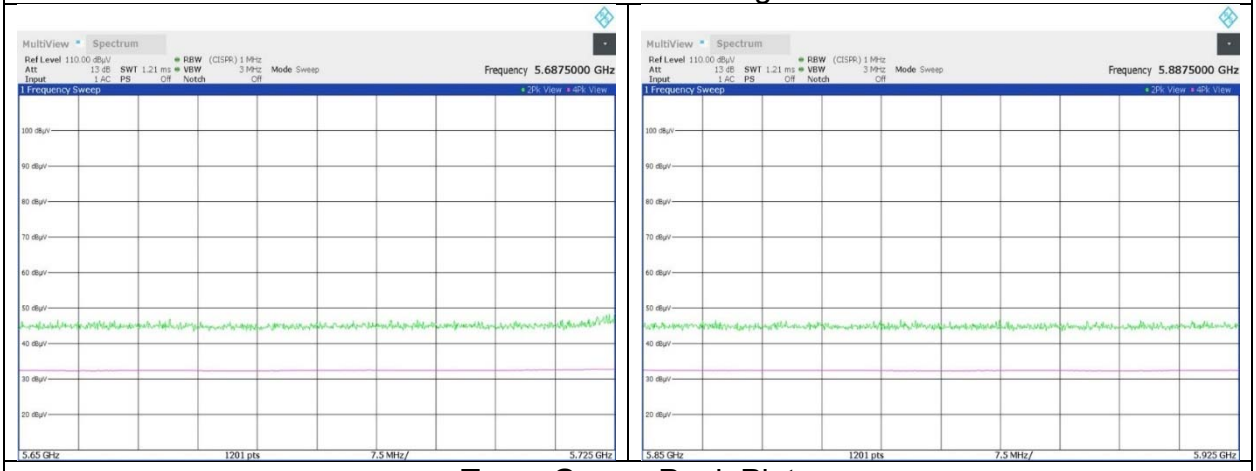
Restricted-band band-edge Plot



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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 12, 2024
Temperature / Humidity	22 deg. C / 53 % RH
Engineer	Takahiro Suzuki
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 26 tone RU Index 0

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	48.13	33.45	-26.24	0.00	2.26	57.60	-37.63	-27.0	10.6	100	336	-
Hori.	5700.000	PK	48.20	33.37	-26.23	0.00	2.26	57.60	-37.63	10.0	47.6	100	336	-
Hori.	5720.000	PK	51.77	33.37	-26.22	0.00	2.26	61.18	-34.05	15.6	49.6	100	336	-
Hori.	5725.000	PK	61.00	33.37	-26.23	0.00	2.26	70.40	-24.83	27.0	51.8	100	336	-
Hori.	5850.000	PK	48.68	33.35	-26.19	0.00	2.26	58.10	-37.13	27.0	64.1	100	336	-
Hori.	5855.000	PK	47.56	33.36	-26.19	0.00	2.26	56.99	-38.24	15.6	53.8	100	336	-
Hori.	5875.000	PK	48.70	33.38	-26.19	0.00	2.26	58.15	-37.08	10.0	47.0	100	336	-
Hori.	5925.000	PK	48.36	33.53	-26.19	0.00	2.26	57.96	-37.27	-27.0	**10.2**	100	336	-
Vert.	5650.000	PK	47.88	33.45	-26.24	0.00	2.26	57.35	-37.88	-27.0	10.8	100	317	-
Vert.	5700.000	PK	47.91	33.37	-26.23	0.00	2.26	57.31	-37.92	10.0	47.9	100	317	-
Vert.	5720.000	PK	48.05	33.37	-26.22	0.00	2.26	57.46	-37.77	15.6	53.3	100	317	-
Vert.	5725.000	PK	54.40	33.37	-26.23	0.00	2.26	63.80	-31.43	27.0	58.4	100	317	-
Vert.	5850.000	PK	47.98	33.35	-26.19	0.00	2.26	57.40	-37.83	27.0	64.8	100	317	-
Vert.	5855.000	PK	47.64	33.36	-26.19	0.00	2.26	57.07	-38.16	15.6	53.7	100	317	-
Vert.	5875.000	PK	47.79	33.38	-26.19	0.00	2.26	57.24	-37.99	10.0	47.9	100	317	-
Vert.	5925.000	PK	47.84	33.53	-26.19	0.00	2.26	57.44	-37.79	-27.0	10.7	100	317	-

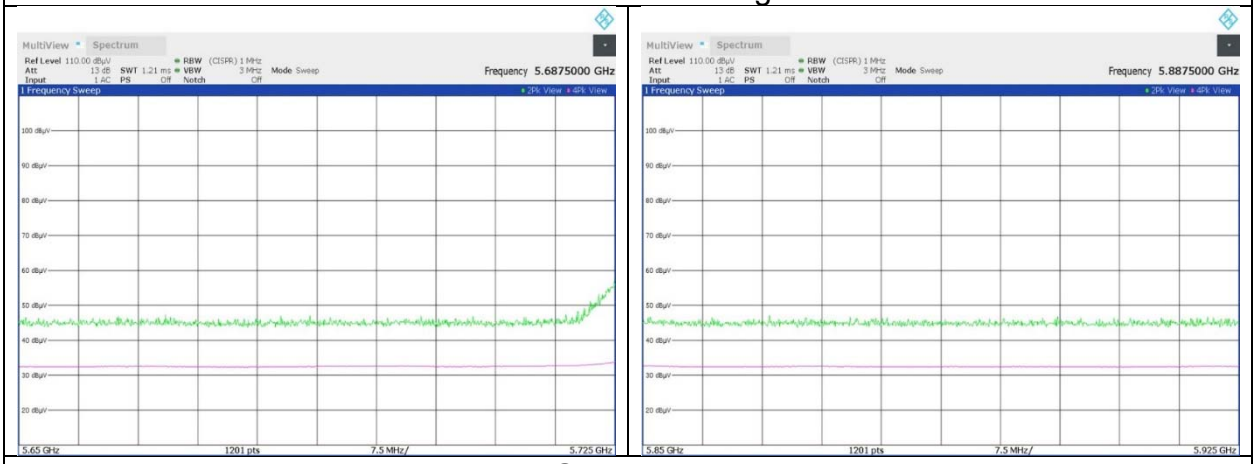
1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 12, 2024
Temperature / Humidity	22 deg. C / 53 % RH
Engineer	Takahiro Suzuki
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 26 tone RU Index 0

Horizontal

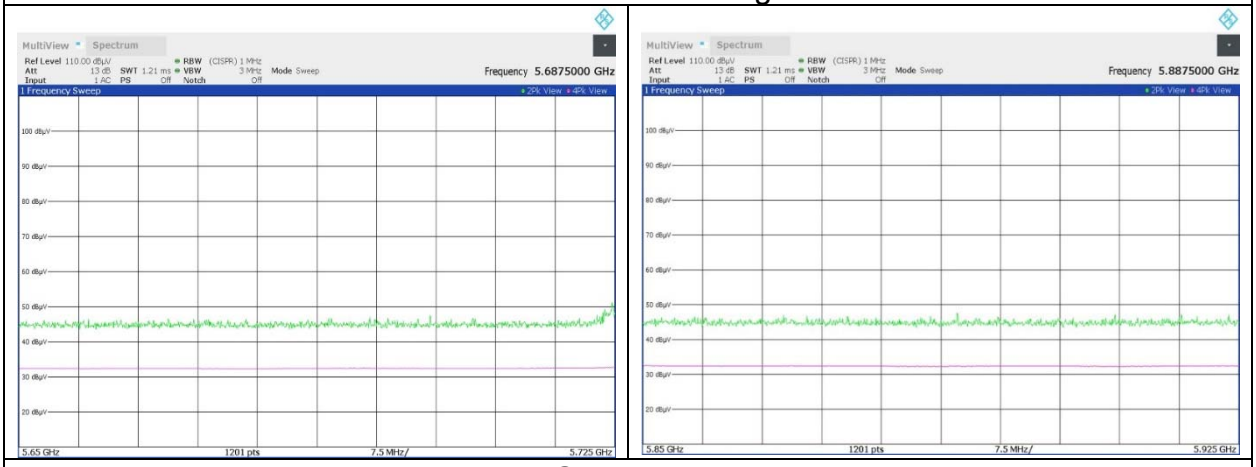
Restricted-band band-edge Plot



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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 26 tone RU Index 36

(Calculation) (above 1 GHz Outside of the restricted band)

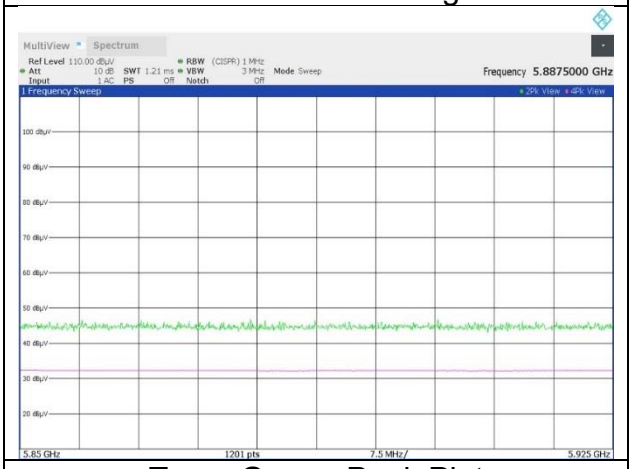
(* PK: Peak, AV: Average, QP: Quasi-Peak)

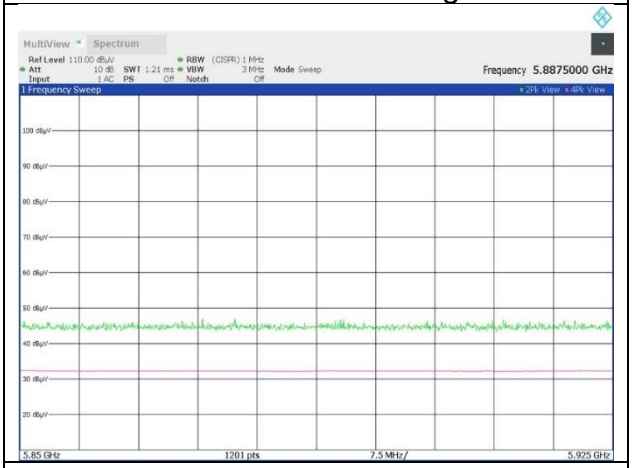
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.01	33.35	-26.19	0.00	2.26	56.43	-38.80	27.0	65.8	136	325	-
Hori.	5855.000	PK	46.99	33.36	-26.19	0.00	2.26	56.42	-38.81	15.6	54.4	136	325	-
Hori.	5875.000	PK	46.54	33.38	-26.19	0.00	2.26	55.99	-39.24	10.0	49.2	136	325	-
Hori.	5925.000	PK	46.86	33.53	-26.19	0.00	2.26	56.46	-38.77	-27.0	**11.7**	136	325	-
Vert.	5850.000	PK	47.15	33.35	-26.19	0.00	2.26	56.57	-38.66	27.0	65.6	169	7	-
Vert.	5855.000	PK	46.75	33.36	-26.19	0.00	2.26	56.18	-39.05	15.6	54.6	169	7	-
Vert.	5875.000	PK	46.76	33.38	-26.19	0.00	2.26	56.21	-39.02	10.0	49.0	169	7	-
Vert.	5925.000	PK	46.77	33.38	-26.19	0.00	2.26	56.22	-39.01	-27.0	12.0	169	7	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 26 tone RU Index 36

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 52 tone RU Index 37

(Calculation) (above 1 GHz Outside of the restricted band)

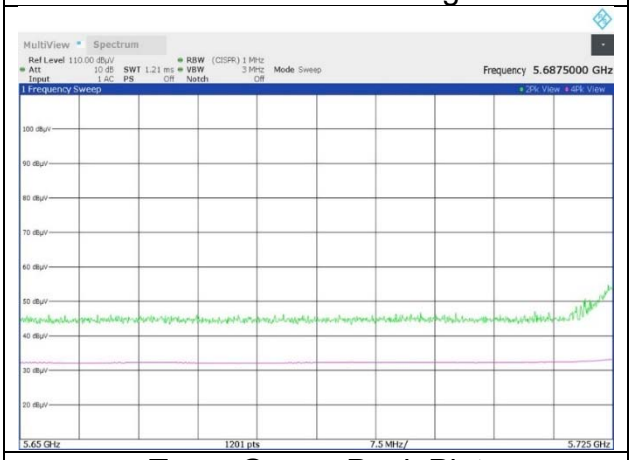
(* PK: Peak, AV: Average, QP: Quasi-Peak)

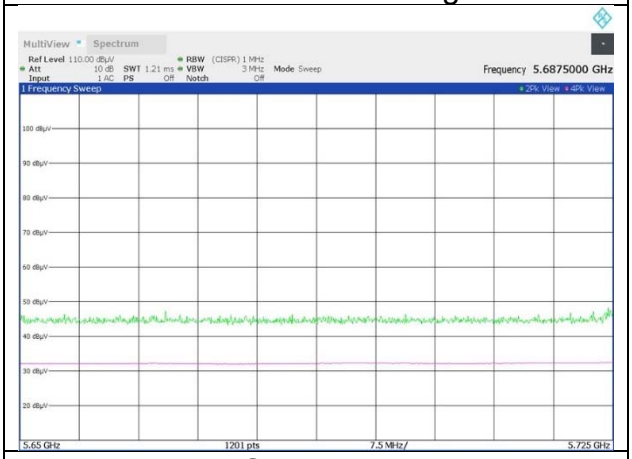
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.42	33.45	-26.24	-	2.26	55.89	-39.34	-27.0	12.3	150	336	-
Hori.	5700.000	PK	46.37	33.37	-26.23	-	2.26	55.77	-39.46	10.0	49.4	150	336	-
Hori.	5720.000	PK	48.89	33.37	-26.22	-	2.26	58.30	-36.93	15.6	52.5	150	336	-
Hori.	5725.000	PK	57.14	33.37	-26.23	-	2.26	66.54	-28.69	27.0	55.6	150	336	-
Vert.	5650.000	PK	46.79	33.45	-26.24	-	2.26	56.26	-38.97	-27.0	**11.9**	143	303	-
Vert.	5700.000	PK	46.04	33.37	-26.23	-	2.26	55.44	-39.79	10.0	49.7	143	303	-
Vert.	5720.000	PK	46.67	33.37	-26.22	-	2.26	56.08	-39.15	15.6	54.7	143	303	-
Vert.	5725.000	PK	50.14	33.37	-26.23	-	2.26	59.54	-35.69	27.0	62.6	143	303	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 52 tone RU Index 37

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 52 tone RU Index 52

(Calculation) (above 1 GHz Outside of the restricted band)

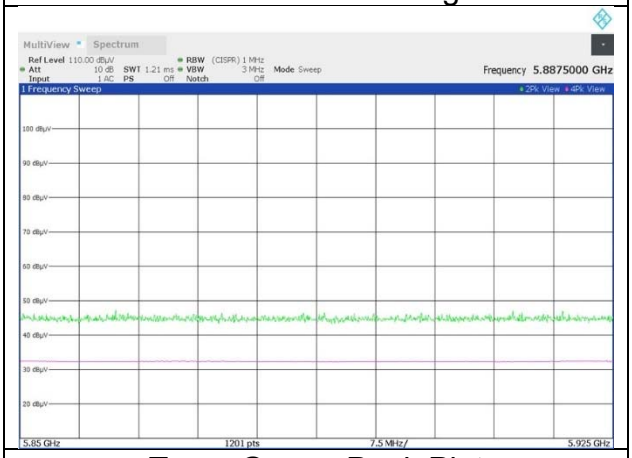
(* PK: Peak, AV: Average, QP: Quasi-Peak)

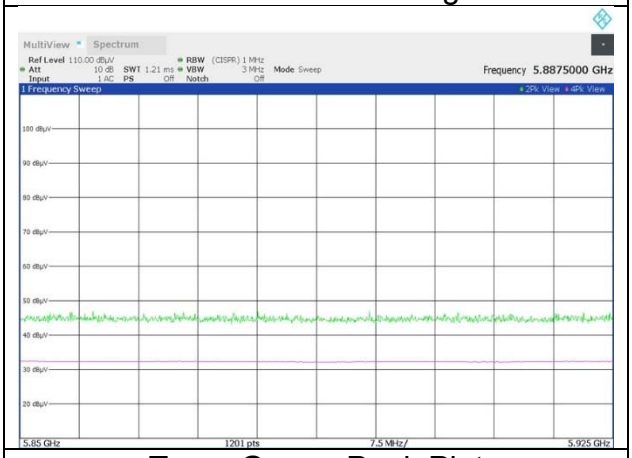
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.75	33.35	-26.19	-	2.26	57.17	-38.06	27.0	65.0	137	327	-
Hori.	5855.000	PK	46.29	33.36	-26.19	-	2.26	55.72	-39.51	15.6	55.1	137	327	-
Hori.	5875.000	PK	47.13	33.38	-26.19	-	2.26	56.58	-38.65	10.0	48.6	137	327	-
Hori.	5925.000	PK	46.48	33.53	-26.19	-	2.26	56.08	-39.15	-27.0	**12.1**	137	327	-
Vert.	5850.000	PK	46.39	33.35	-26.19	-	2.26	55.81	-39.42	27.0	66.4	150	104	-
Vert.	5855.000	PK	46.05	33.36	-26.19	-	2.26	55.48	-39.75	15.6	55.3	150	104	-
Vert.	5875.000	PK	46.10	33.38	-26.19	-	2.26	55.55	-39.68	10.0	49.6	150	104	-
Vert.	5925.000	PK	46.38	33.53	-26.19	-	2.26	55.98	-39.25	-27.0	12.2	150	104	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 52 tone RU Index 52

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 106 tone RU Index 53

(Calculation) (above 1 GHz Outside of the restricted band)

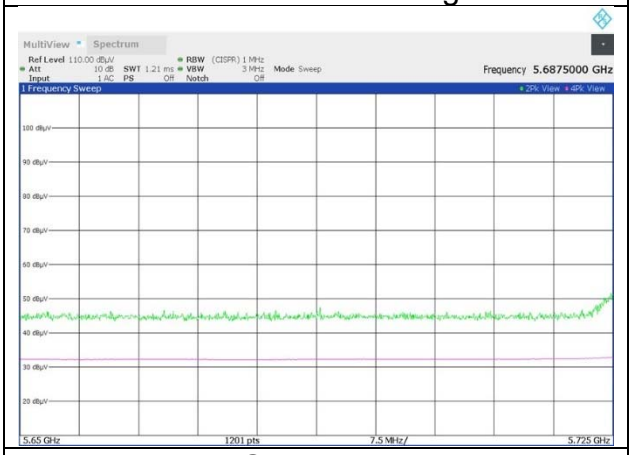
(* PK: Peak, AV: Average, QP: Quasi-Peak)

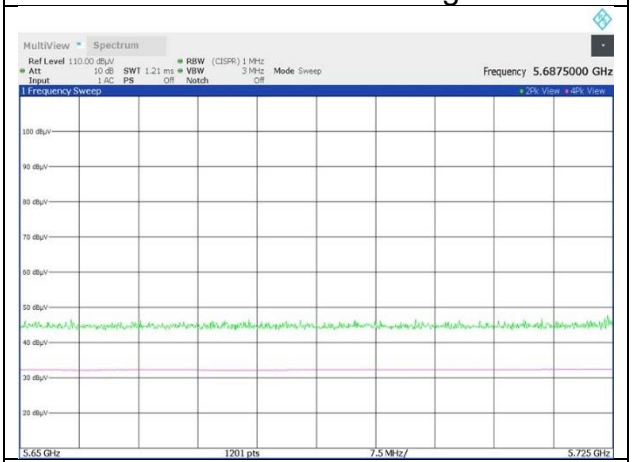
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	46.27	33.45	-26.24	-	2.26	55.74	-39.49	-27.0	12.4	126	336	-
Hori.	5700.000	PK	47.11	33.37	-26.23	-	2.26	56.51	-38.72	10.0	48.7	126	336	-
Hori.	5720.000	PK	47.58	33.37	-26.22	-	2.26	56.99	-38.24	15.6	53.8	126	336	-
Hori.	5725.000	PK	53.10	33.37	-26.23	-	2.26	62.50	-32.73	27.0	59.7	126	336	-
Vert.	5650.000	PK	46.56	33.45	-26.24	-	2.26	56.03	-39.20	-27.0	**12.2**	131	18	-
Vert.	5700.000	PK	46.82	33.37	-26.23	-	2.26	56.22	-39.01	10.0	49.0	131	18	-
Vert.	5720.000	PK	46.85	33.37	-26.22	-	2.26	56.26	-38.97	15.6	54.5	131	18	-
Vert.	5725.000	PK	48.61	33.37	-26.23	-	2.26	58.01	-37.22	27.0	64.2	131	18	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 106 tone RU Index 53

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 106 tone RU Index 60

(Calculation) (above 1 GHz Outside of the restricted band)

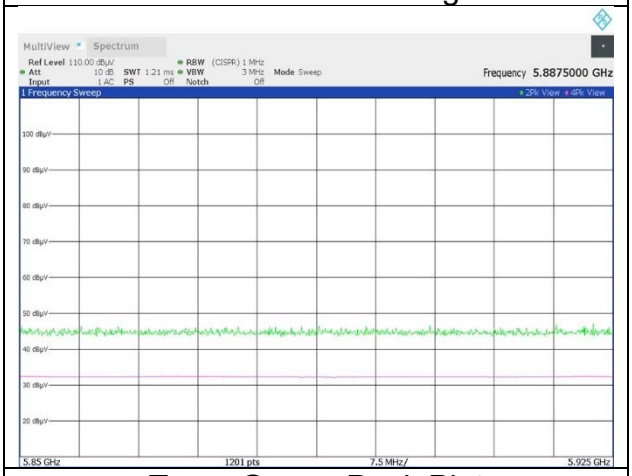
(* PK: Peak, AV: Average, QP: Quasi-Peak)

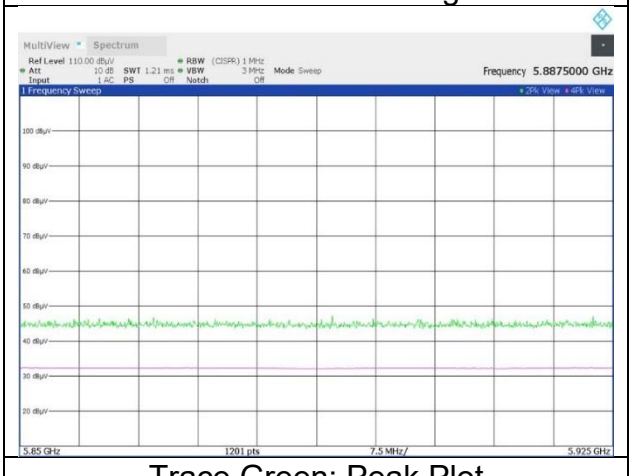
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.96	33.35	-26.19	-	2.26	56.38	-38.85	27.0	65.8	126	337	-
Hori.	5855.000	PK	46.86	33.36	-26.19	-	2.26	56.29	-38.94	15.6	54.5	126	337	-
Hori.	5875.000	PK	46.52	33.38	-26.19	-	2.26	55.97	-39.26	10.0	49.2	126	337	-
Hori.	5925.000	PK	46.41	33.53	-26.19	-	2.26	56.01	-39.22	-27.0	12.2	126	337	-
Vert.	5850.000	PK	46.81	33.35	-26.19	-	2.26	56.23	-39.00	27.0	66.0	139	6	-
Vert.	5855.000	PK	46.69	33.36	-26.19	-	2.26	56.12	-39.11	15.6	54.7	139	6	-
Vert.	5875.000	PK	46.53	33.38	-26.19	-	2.26	55.98	-39.25	10.0	49.2	139	6	-
Vert.	5925.000	PK	46.82	33.53	-26.19	-	2.26	56.42	-38.81	-27.0	**11.8**	139	6	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 106 tone RU Index 60

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 242 tone RU Index 61

(Calculation) (above 1 GHz Outside of the restricted band)

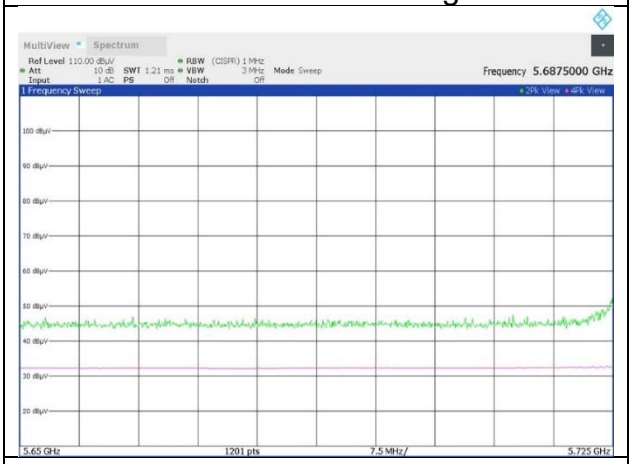
(* PK: Peak, AV: Average, QP: Quasi-Peak)

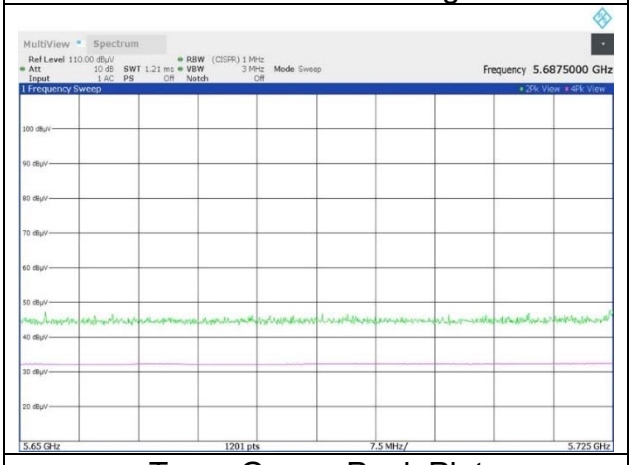
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	47.41	33.45	-26.24	-	2.26	56.88	-38.35	-27.0	**11.3**	121	304	-
Hori.	5700.000	PK	46.42	33.37	-26.23	-	2.26	55.82	-39.41	10.0	49.4	121	304	-
Hori.	5720.000	PK	48.24	33.37	-26.22	-	2.26	57.65	-37.58	15.6	53.1	121	304	-
Hori.	5725.000	PK	54.00	33.37	-26.23	-	2.26	63.40	-31.83	27.0	58.8	121	304	-
Vert.	5650.000	PK	47.16	33.45	-26.24	-	2.26	56.63	-38.60	-27.0	11.6	146	16	-
Vert.	5700.000	PK	46.59	33.37	-26.23	-	2.26	55.99	-39.24	10.0	49.2	146	16	-
Vert.	5720.000	PK	46.56	33.37	-26.22	-	2.26	55.97	-39.26	15.6	54.8	146	16	-
Vert.	5725.000	PK	49.73	33.37	-26.23	-	2.26	59.13	-36.10	27.0	63.1	146	16	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 242 tone RU Index 61

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 242 tone RU Index 64

(Calculation) (above 1 GHz Outside of the restricted band)

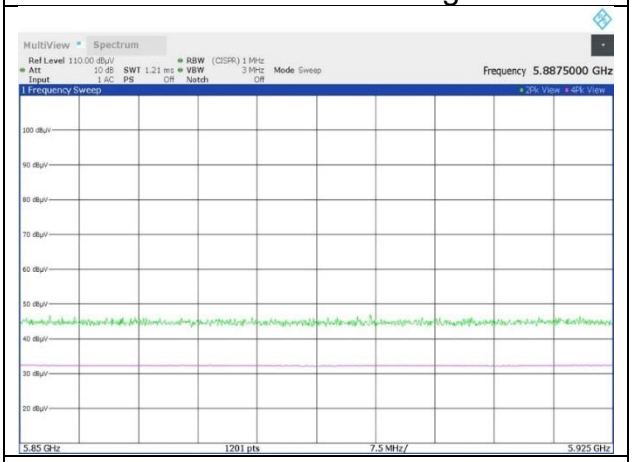
(* PK: Peak, AV: Average, QP: Quasi-Peak)

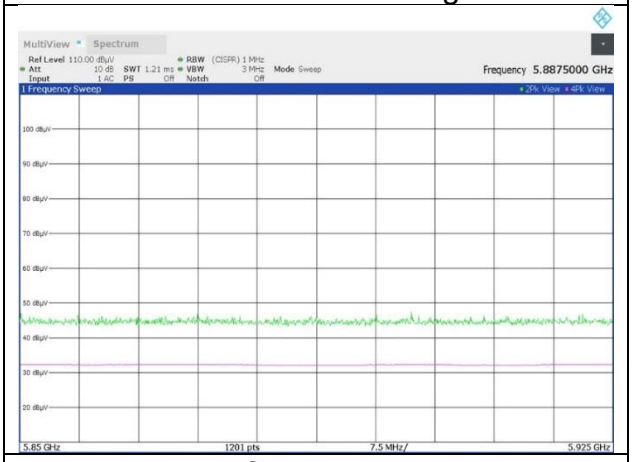
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.52	33.35	-26.19	-	2.26	55.94	-39.29	27.0	66.2	111	325	-
Hori.	5855.000	PK	46.84	33.36	-26.19	-	2.26	56.27	-38.96	15.6	54.5	111	325	-
Hori.	5875.000	PK	46.21	33.38	-26.19	-	2.26	55.66	-39.57	10.0	49.5	111	325	-
Hori.	5925.000	PK	46.08	33.53	-26.19	-	2.26	55.68	-39.55	-27.0	12.5	111	325	-
Vert.	5850.000	PK	47.04	33.35	-26.19	-	2.26	56.46	-38.77	27.0	65.7	133	8	-
Vert.	5855.000	PK	46.13	33.36	-26.19	-	2.26	55.56	-39.67	15.6	55.2	133	8	-
Vert.	5875.000	PK	46.53	33.38	-26.19	-	2.26	55.98	-39.25	10.0	49.2	133	8	-
Vert.	5925.000	PK	46.43	33.53	-26.19	-	2.26	56.03	-39.20	-27.0	**12.2**	133	8	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 242 tone RU Index 64

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 484 tone RU Index 65

(Calculation) (above 1 GHz Outside of the restricted band)

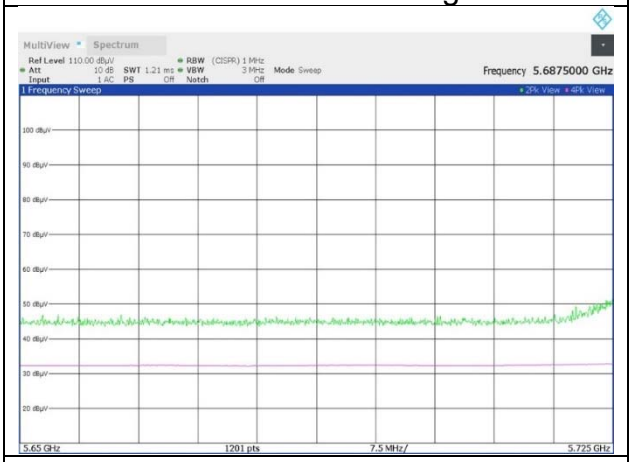
(* PK: Peak, AV: Average, QP: Quasi-Peak)

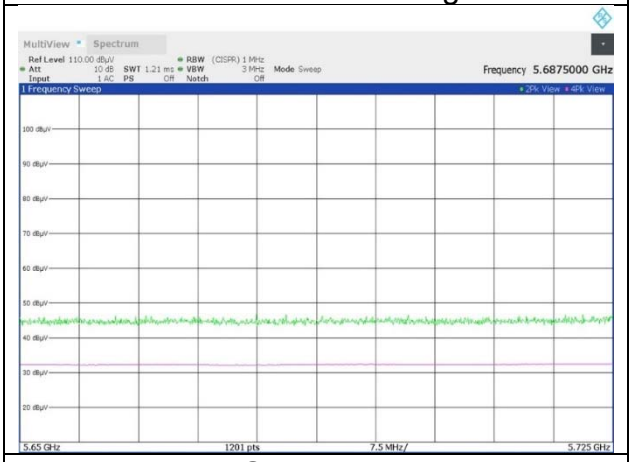
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	47.43	33.45	-26.24	-	2.26	56.90	-38.33	-27.0	**11.3**	114	307	-
Hori.	5700.000	PK	46.58	33.37	-26.23	-	2.26	55.98	-39.25	10.0	49.2	114	307	-
Hori.	5720.000	PK	49.37	33.37	-26.22	-	2.26	58.78	-36.45	15.6	52.0	114	307	-
Hori.	5725.000	PK	53.41	33.37	-26.23	-	2.26	62.81	-32.42	27.0	59.4	114	307	-
Vert.	5650.000	PK	46.30	33.45	-26.24	-	2.26	55.77	-39.46	-27.0	12.4	121	313	-
Vert.	5700.000	PK	46.67	33.37	-26.23	-	2.26	56.07	-39.16	10.0	49.1	121	313	-
Vert.	5720.000	PK	47.01	33.37	-26.22	-	2.26	56.42	-38.81	15.6	54.4	121	313	-
Vert.	5725.000	PK	48.39	33.37	-26.23	-	2.26	57.79	-37.44	27.0	64.4	121	313	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 484 tone RU Index 65

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 484 tone RU Index 66

(Calculation) (above 1 GHz Outside of the restricted band)

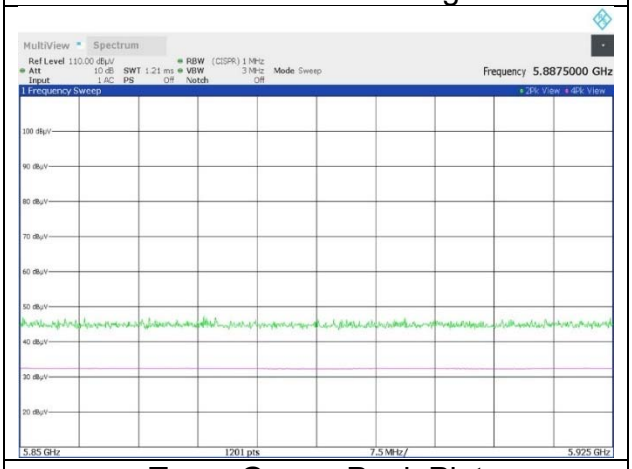
(* PK: Peak, AV: Average, QP: Quasi-Peak)

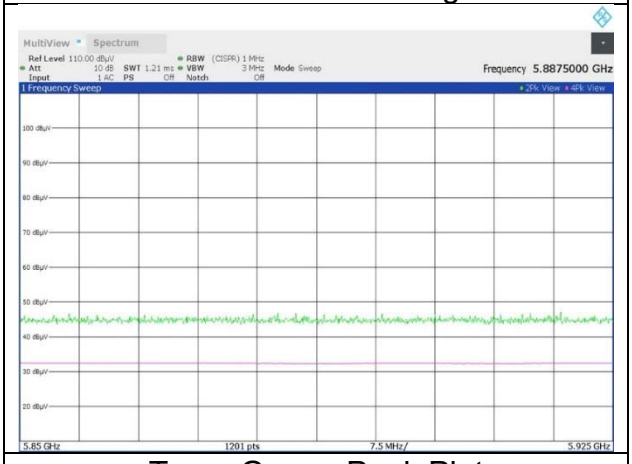
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.31	33.35	-26.19	-	2.26	56.73	-38.50	27.0	65.5	120	321	-
Hori.	5855.000	PK	47.28	33.36	-26.19	-	2.26	56.71	-38.52	15.6	54.1	120	321	-
Hori.	5875.000	PK	46.86	33.38	-26.19	-	2.26	56.31	-38.92	10.0	48.9	120	321	-
Hori.	5925.000	PK	46.33	33.53	-26.19	-	2.26	55.93	-39.30	-27.0	12.3	120	321	-
Vert.	5850.000	PK	47.24	33.35	-26.19	-	2.26	56.66	-38.57	27.0	65.5	120	321	-
Vert.	5855.000	PK	45.95	33.36	-26.19	-	2.26	55.38	-39.85	15.6	55.4	120	321	-
Vert.	5875.000	PK	46.20	33.38	-26.19	-	2.26	55.65	-39.58	10.0	49.5	120	321	-
Vert.	5925.000	PK	47.09	33.53	-26.19	-	2.26	56.69	-38.54	-27.0	**11.5**	120	321	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 484 tone RU Index 66

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	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 996 tone RU Index 67

(Calculation) (above 1 GHz Outside of the restricted band)

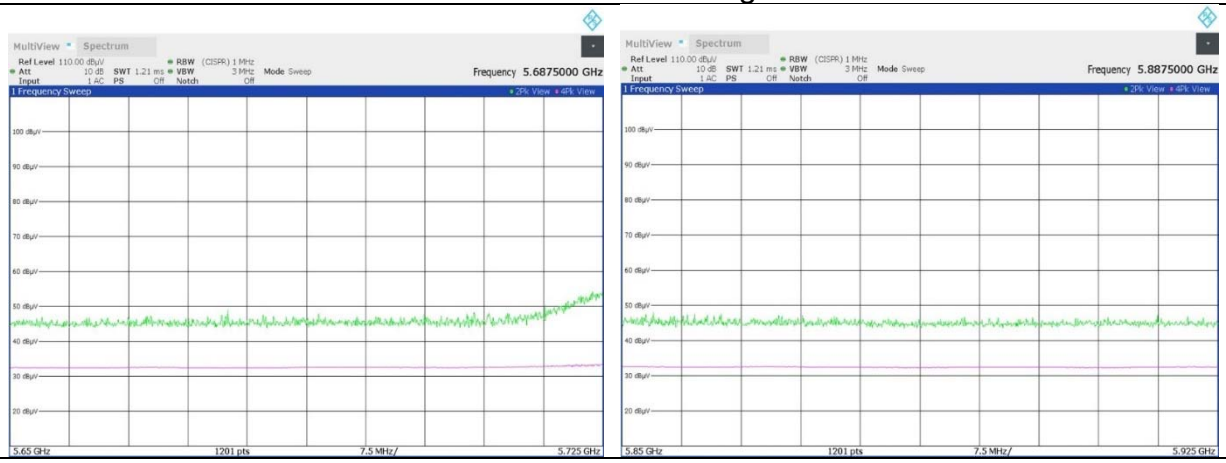
(* PK: Peak, AV: Average, QP: Quasi-Peak)

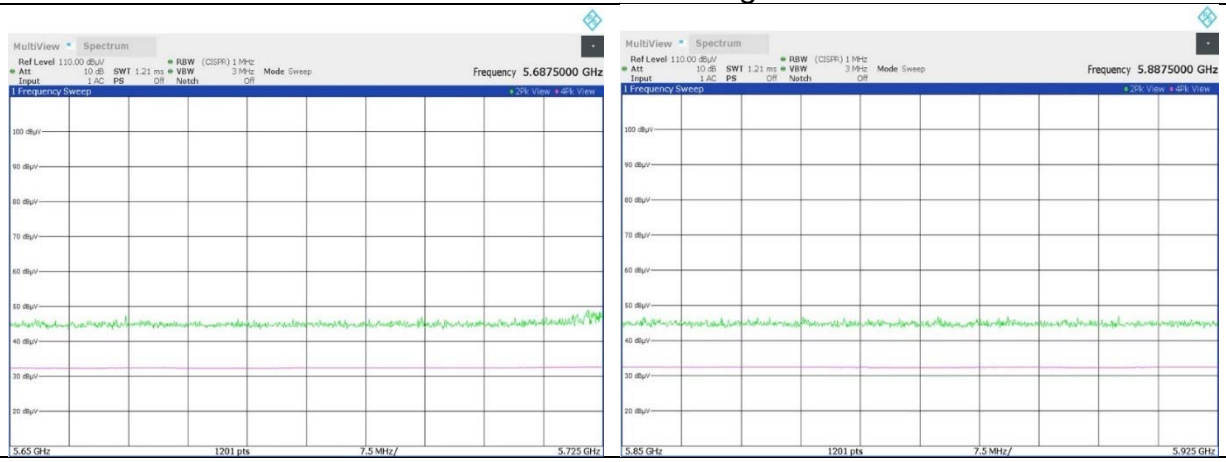
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	47.42	33.45	-26.24	-	2.26	56.89	-38.34	-27.0	11.3	113	308	-
Hori.	5700.000	PK	49.07	33.37	-26.23	-	2.26	58.47	-36.76	10.0	46.7	113	308	-
Hori.	5720.000	PK	51.59	33.37	-26.22	-	2.26	61.00	-34.23	15.6	49.8	113	308	-
Hori.	5725.000	PK	56.21	33.37	-26.23	-	2.26	65.61	-29.62	27.0	56.6	113	308	-
Hori.	5850.000	PK	47.55	33.35	-26.19	-	2.26	56.97	-38.26	27.0	65.2	113	308	-
Hori.	5855.000	PK	47.87	33.36	-26.19	-	2.26	57.30	-37.93	15.6	53.5	113	308	-
Hori.	5875.000	PK	46.78	33.38	-26.19	-	2.26	56.23	-39.00	10.0	49.0	113	308	-
Hori.	5925.000	PK	46.46	33.53	-26.19	-	2.26	56.06	-39.17	-27.0	12.1	113	308	-
Vert.	5650.000	PK	47.92	33.45	-26.24	-	2.26	57.39	-37.84	-27.0	**10.8**	121	319	-
Vert.	5700.000	PK	46.50	33.37	-26.23	-	2.26	55.90	-39.33	10.0	49.3	121	319	-
Vert.	5720.000	PK	48.38	33.37	-26.22	-	2.26	57.79	-37.44	15.6	53.0	121	319	-
Vert.	5725.000	PK	50.02	33.37	-26.23	-	2.26	59.42	-35.81	27.0	62.8	121	319	-
Vert.	5850.000	PK	46.65	33.35	-26.19	-	2.26	56.07	-39.16	27.0	66.1	121	319	-
Vert.	5855.000	PK	46.52	33.36	-26.19	-	2.26	55.95	-39.28	15.6	54.8	121	319	-
Vert.	5875.000	PK	45.99	33.38	-26.19	-	2.26	55.44	-39.79	10.0	49.7	121	319	-
Vert.	5925.000	PK	46.44	33.53	-26.19	-	2.26	56.04	-39.19	-27.0	12.1	121	319	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC1
Date	August 13, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Akihiro Oda
	(1 GHz to 10 GHz)
Mode	Tx 11ax-80 (OFDMA) 5775 MHz, 996 tone RU Index 67

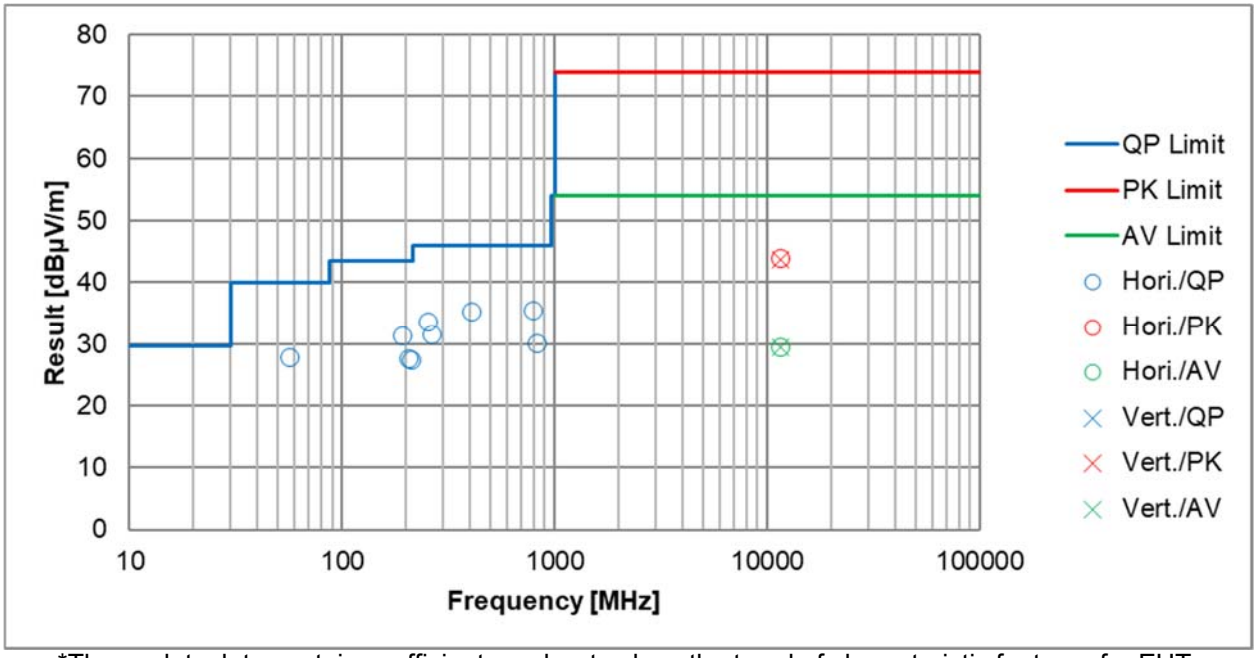
Horizontal
Restricted-band band-edge Plot

Trace Green: Peak Plot Trace Purple: Average Plot

Vertical
Restricted-band band-edge Plot

Trace Green: Peak Plot Trace Purple: Average Plot

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

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

Test place	Shonan EMC Lab.				
Semi Anechoic Chamber	WAC1	WAC 1	WAC1	WAC1	WAC1
Date	September 2, 2024	August 9, 2024	August 16, 2024	August 20, 2024	August 21, 2024
Temperature / Humidity	23 deg. C / 51 % RH	24 deg. C / 55 % RH	24 deg. C / 54 % RH	25 deg. C / 66 % RH	26 deg. C / 55 % RH
Engineer	Yuta Shiba	Yosuke Murakami	Akihiro Oda	Shiro Kobayashi	Yosuke Murakami
	(Below 1 GHz)	(1 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz				



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

Radiated Spurious Emission

Test place	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC2	WAC 1	WAC1	WAC1
Date	September 2, 2024	August 22, 2024	August 22, 2024	August 21, 2024
Temperature / Humidity	23 deg. C / 51 % RH	24 deg. C / 42 % RH	24 deg. C / 56 % RH	26 deg. C / 55 % RH
Engineer	Yuta Shiba	Yuta Shiba	Yosuke Murakami	Yosuke Murakami
	(Below 1 GHz)	(1 GHz to 10 GHz)	(10 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx 11ax-20 (OFDM) 2412 MHz			

(below 1 GHz and above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	57.138	QP	43.60	9.62	6.43	33.12	0.00	26.53	40.0	13.4	400	340	-
Hori.	192.892	QP	42.70	14.12	7.19	33.07	0.00	30.94	43.5	12.5	174	15	-
Hori.	207.584	QP	41.30	11.38	7.25	33.04	0.00	26.89	43.5	16.6	155	19	-
Hori.	215.925	QP	42.50	11.24	7.28	33.02	0.00	28.00	43.5	15.5	155	112	-
Hori.	256.078	QP	45.50	12.08	7.41	32.91	0.00	32.08	46.0	13.9	130	25	-
Hori.	264.667	QP	45.10	12.56	7.43	32.89	0.00	32.20	46.0	13.8	126	16	-
Hori.	409.134	QP	43.20	16.03	7.86	32.50	0.00	34.59	46.0	11.4	100	355	-
Hori.	793.214	QP	36.90	20.81	8.74	30.98	0.00	35.47	46.0	10.5	152	70	-
Hori.	825.595	QP	31.70	20.99	8.79	30.83	0.00	30.65	46.0	15.3	115	347	-
Hori.	11650.000	PK	47.64	38.25	-27.84	-	-9.54	48.51	73.9	25.3	150	0	-
Hori.	11650.000	AV	33.55	38.25	-27.84	-	-9.54	34.42	53.9	19.4	150	0	VBW: 10 Hz, floor noise
Vert.	409.147	QP	38.20	16.03	7.86	32.50	0.00	29.59	46.0	16.4	135	182	-
Vert.	793.222	QP	32.50	20.81	8.74	30.98	0.00	31.07	46.0	14.9	149	190	-
Vert.	11650.000	PK	47.66	38.25	-27.84	-	-9.54	48.53	73.9	25.3	150	0	-
Vert.	11650.000	AV	33.39	38.25	-27.84	-	-9.54	34.26	53.9	19.6	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

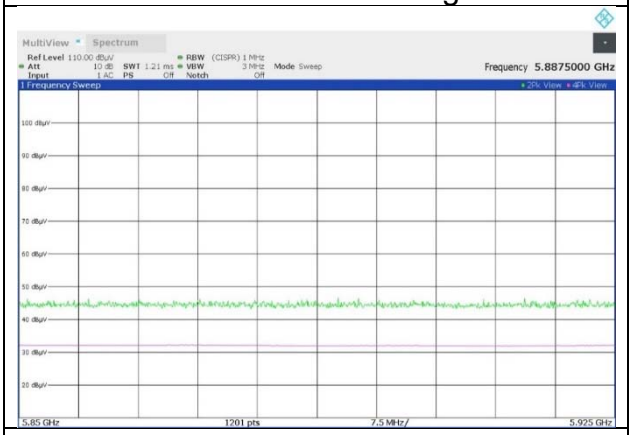
(* PK: Peak, AV: Average, QP: Quasi-Peak)

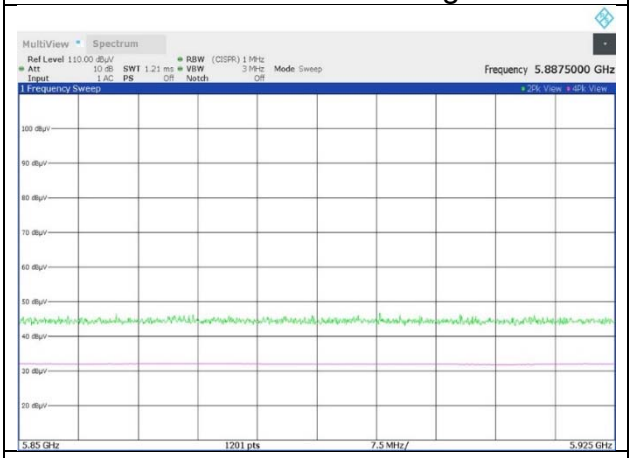
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.14	33.35	-24.41	-	2.26	58.34	-36.89	27.0	63.8	107	331	-
Hori.	5855.000	PK	46.77	33.36	-24.41	-	2.26	57.98	-37.25	15.6	52.8	107	331	-
Hori.	5875.000	PK	46.89	33.38	-24.41	-	2.26	58.12	-37.11	10.0	47.1	107	331	-
Hori.	5925.000	PK	47.16	33.53	-24.40	-	2.26	58.55	-36.68	-27.0	**9.6**	107	331	-
Hori.	17475.000	PK	47.78	40.44	-23.90	-	-9.54	54.78	-40.45	-27.0	13.4	150	0	-
Vert.	5850.000	PK	46.49	33.35	-24.41	-	2.26	57.69	-37.54	27.0	64.5	146	6	-
Vert.	5855.000	PK	46.00	33.36	-24.41	-	2.26	57.21	-38.02	15.6	53.6	146	6	-
Vert.	5875.000	PK	46.13	33.38	-24.41	-	2.26	57.36	-37.87	10.0	47.8	146	6	-
Vert.	5925.000	PK	46.35	33.53	-24.40	-	2.26	57.74	-37.49	-27.0	10.4	146	6	-
Vert.	17475.000	PK	47.84	40.44	-23.90	-	-9.54	54.84	-40.39	-27.0	13.3	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 22, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Yuta Shiba
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx 11ax-20 (OFDM) 2412 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	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC2	WAC 1	WAC1	WAC1
Date	September 3, 2024	August 22, 2024	August 22, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 61 % RH	24 deg. C / 42 % RH	24 deg. C / 56 % RH	26 deg. C / 55 % RH
Engineer	Shiro Kobayashi	Yuta Shiba	Yosuke Murakami	Yosuke Murakami
	(Below 1 GHz)	(1 GHz to 10 GHz)	(10 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx 3DH5, Hopping On			

(below 1 GHz and above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	53.774	QP	45.40	9.79	6.45	33.09	0.00	28.55	40.0	11.4	400	134	-
Hori.	193.103	QP	41.00	14.14	7.19	33.07	0.00	29.26	43.5	14.2	171	25	-
Hori.	213.731	QP	41.70	11.26	7.27	33.02	0.00	27.21	43.5	16.2	159	120	-
Hori.	238.999	QP	42.80	11.63	7.35	32.95	0.00	28.83	46.0	17.1	138	9	-
Hori.	250.931	QP	44.50	11.89	7.39	32.92	0.00	30.86	46.0	15.1	126	23	-
Hori.	264.549	QP	43.60	12.55	7.43	32.89	0.00	30.69	46.0	15.3	119	38	-
Hori.	403.758	QP	45.30	15.94	7.85	32.50	0.00	36.59	46.0	9.4	100	351	-
Hori.	793.223	QP	35.00	20.81	8.74	30.98	0.00	33.57	46.0	12.4	152	127	-
Hori.	11650.000	PK	48.22	38.25	-27.84	-	-9.54	49.09	73.9	24.8	150	0	-
Hori.	11650.000	AV	33.39	38.25	-27.84	-	-9.54	34.26	53.9	19.6	150	0	VBW: 10 Hz, floor noise
Vert.	192.986	QP	38.30	14.13	7.19	33.07	0.00	26.55	43.5	16.9	100	133	-
Vert.	407.442	QP	38.60	16.00	7.86	32.50	0.00	29.96	46.0	16.0	154	131	-
Vert.	793.222	QP	35.00	20.81	8.74	30.98	0.00	33.57	46.0	12.4	151	174	-
Vert.	11650.000	PK	48.36	38.25	-27.84	-	-9.54	49.23	73.9	24.6	150	0	-
Vert.	11650.000	AV	33.44	38.25	-27.84	-	-9.54	34.31	53.9	19.5	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

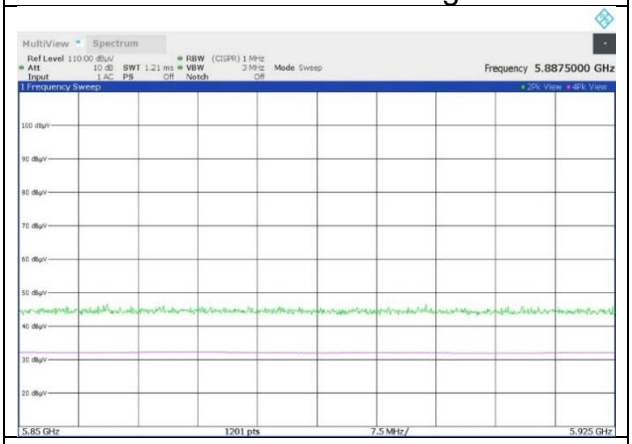
(* PK: Peak, AV: Average, QP: Quasi-Peak)

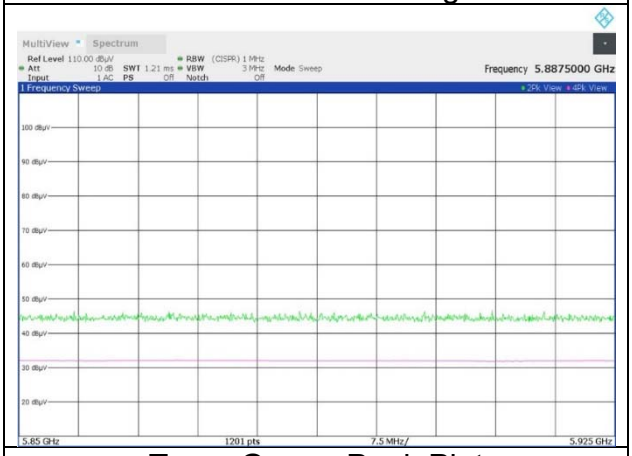
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.88	33.35	-24.41	-	2.26	58.08	-37.15	27.0	64.1	107	330	-
Hori.	5855.000	PK	47.10	33.36	-24.41	-	2.26	58.31	-36.92	15.6	52.5	107	330	-
Hori.	5875.000	PK	46.62	33.38	-24.41	-	2.26	57.85	-37.38	10.0	47.3	107	330	-
Hori.	5925.000	PK	47.82	33.53	-24.40	-	2.26	59.21	-36.02	-27.0	**9.0**	107	330	-
Hori.	17475.000	PK	48.58	40.44	-23.90	-	-9.54	55.58	-39.65	-27.0	12.6	150	0	-
Vert.	5850.000	PK	46.64	33.35	-24.41	-	2.26	57.84	-37.39	27.0	64.3	147	6	-
Vert.	5855.000	PK	46.35	33.36	-24.41	-	2.26	57.56	-37.67	15.6	53.2	147	6	-
Vert.	5875.000	PK	47.04	33.38	-24.41	-	2.26	58.27	-36.96	10.0	46.9	147	6	-
Vert.	5925.000	PK	45.69	33.53	-24.40	-	2.26	57.08	-38.15	-27.0	11.1	147	6	-
Vert.	17475.000	PK	48.01	40.44	-23.90	-	-9.54	55.01	-40.22	-27.0	13.2	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 22, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Yuta Shiba
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx 3DH5, Hopping On

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	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC2	WAC 1	WAC1	WAC1
Date	September 3, 2024	August 22, 2024	August 22, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 61 % RH	24 deg. C / 42 % RH	24 deg. C / 56 % RH	26 deg. C / 55 % RH
Engineer	Shiro Kobayashi	Yuta Shiba	Yosuke Murakami	Yosuke Murakami
	(Below 1 GHz)	(1 GHz to 10 GHz)	(10 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx, BT LE 2M-PHY 2402 MHz			

(below 1 GHz and above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	53.772	QP	45.30	9.79	6.45	33.09	0.00	28.45	40.0	11.5	400	133	-
Hori.	193.189	QP	41.10	14.15	7.19	33.07	0.00	29.37	43.5	14.1	176	28	-
Hori.	213.843	QP	41.70	11.26	7.27	33.02	0.00	27.21	43.5	16.2	163	117	-
Hori.	238.985	QP	43.10	11.63	7.35	32.95	0.00	29.13	46.0	16.8	149	11	-
Hori.	253.317	QP	44.40	11.97	7.40	32.91	0.00	30.86	46.0	15.1	125	22	-
Hori.	264.550	QP	43.20	12.55	7.43	32.89	0.00	30.29	46.0	15.7	115	36	-
Hori.	403.801	QP	45.20	15.94	7.85	32.50	0.00	36.49	46.0	**9.5**	100	351	-
Hori.	793.224	QP	34.80	20.81	8.74	30.98	0.00	33.37	46.0	12.6	152	128	-
Hori.	860.242	QP	25.80	21.91	8.82	30.66	0.00	25.87	46.0	20.1	100	339	-
Hori.	11650.000	PK	48.18	38.25	-27.84	-	-9.54	49.05	73.9	24.8	150	0	-
Hori.	11650.000	AV	33.37	38.25	-27.84	-	-9.54	34.24	53.9	19.6	150	0	VBW: 10 Hz, floor noise
Vert.	192.848	QP	38.50	14.11	7.19	33.07	0.00	26.73	43.5	16.7	100	133	-
Vert.	408.813	QP	39.20	16.03	7.86	32.50	0.00	30.59	46.0	15.4	121	165	-
Vert.	793.219	QP	35.00	20.81	8.74	30.98	0.00	33.57	46.0	12.4	154	175	-
Vert.	11650.000	PK	47.81	38.25	-27.84	-	-9.54	48.68	73.9	25.2	150	0	-
Vert.	11650.000	AV	33.47	38.25	-27.84	-	-9.54	34.34	53.9	19.5	150	0	VBW: 10 Hz, floor noise

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

(Calculation) (above 1 GHz Outside of the restricted band)

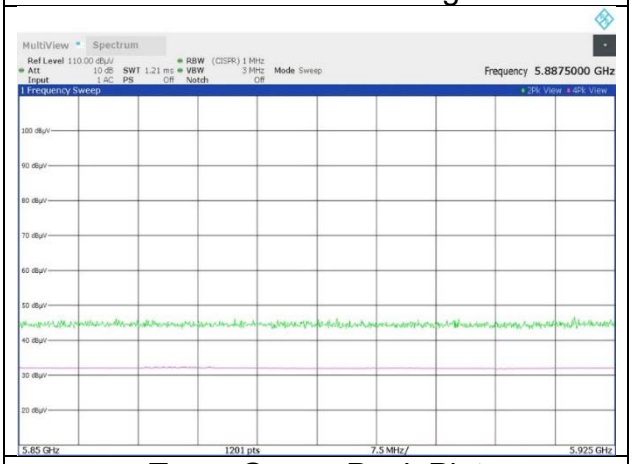
(* PK: Peak, AV: Average, QP: Quasi-Peak)

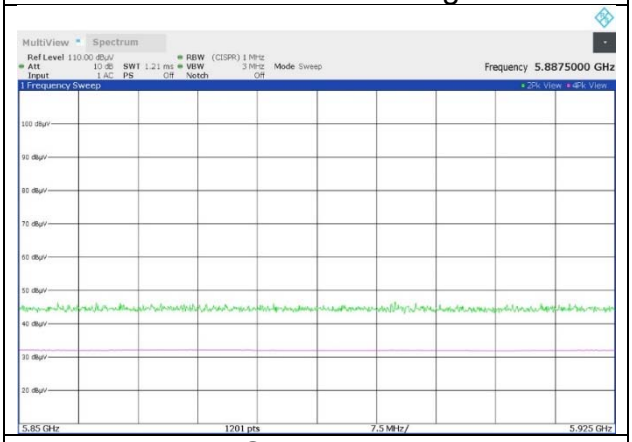
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Factor [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	46.91	33.35	-24.41	-	2.26	58.11	-37.12	27.0	64.1	107	330	-
Hori.	5855.000	PK	45.83	33.36	-24.41	-	2.26	57.04	-38.19	15.6	53.7	107	330	-
Hori.	5875.000	PK	46.39	33.38	-24.41	-	2.26	57.62	-37.61	10.0	47.6	107	330	-
Hori.	5925.000	PK	46.23	33.53	-24.40	-	2.26	57.62	-37.61	-27.0	10.6	107	330	-
Hori.	17475.000	PK	47.62	40.44	-23.90	-	-9.54	54.62	-40.61	-27.0	13.6	150	0	-
Vert.	5850.000	PK	47.09	33.35	-24.41	-	2.26	58.29	-36.94	27.0	63.9	145	6	-
Vert.	5855.000	PK	46.20	33.36	-24.41	-	2.26	57.41	-37.82	15.6	53.4	145	6	-
Vert.	5875.000	PK	46.34	33.38	-24.41	-	2.26	57.57	-37.66	10.0	47.6	145	6	-
Vert.	5925.000	PK	46.48	33.53	-24.40	-	2.26	57.87	-37.36	-27.0	10.3	145	6	-
Vert.	17475.000	PK	47.86	40.44	-23.90	-	-9.54	54.86	-40.37	-27.0	13.3	150	0	-

1 GHz to 18 GHz: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz) - Gain(Amplifier)) + Distance factor
Other: Result [dBuV/m] = Reading + Ant.Fac. + Loss (Cable+(Attenuator or Filter)(below 18 GHz)) - Gain(Amplifier) + Distance factor
Result (EIRP [dBm]) = 10 * LOG ((10 ^ (Electric Field Strength [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance factor : 1 GHz - 10 GHz : 20log (3.89 m / 3.0 m) = 2.26 dB
10 GHz - 40 GHz : 20log (1.0 m / 3.0 m) = -9.54 dB

Radiated Spurious Emission

Test place	Shonan EMC Lab.
Semi Anechoic Chamber	WAC 1
Date	August 22, 2024
Temperature / Humidity	24 deg. C / 42 % RH
Engineer	Yuta Shiba
	(1 GHz to 10 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx, BT LE 2M-PHY 2402 MHz

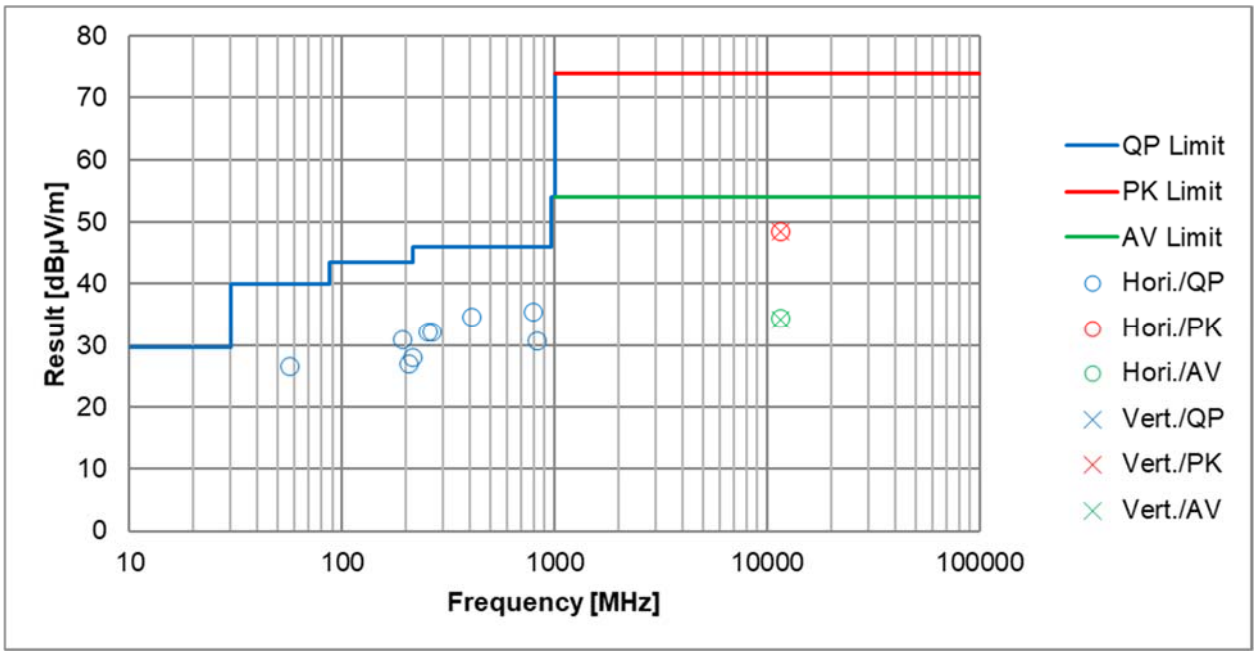
Horizontal
Restricted-band band-edge Plot

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

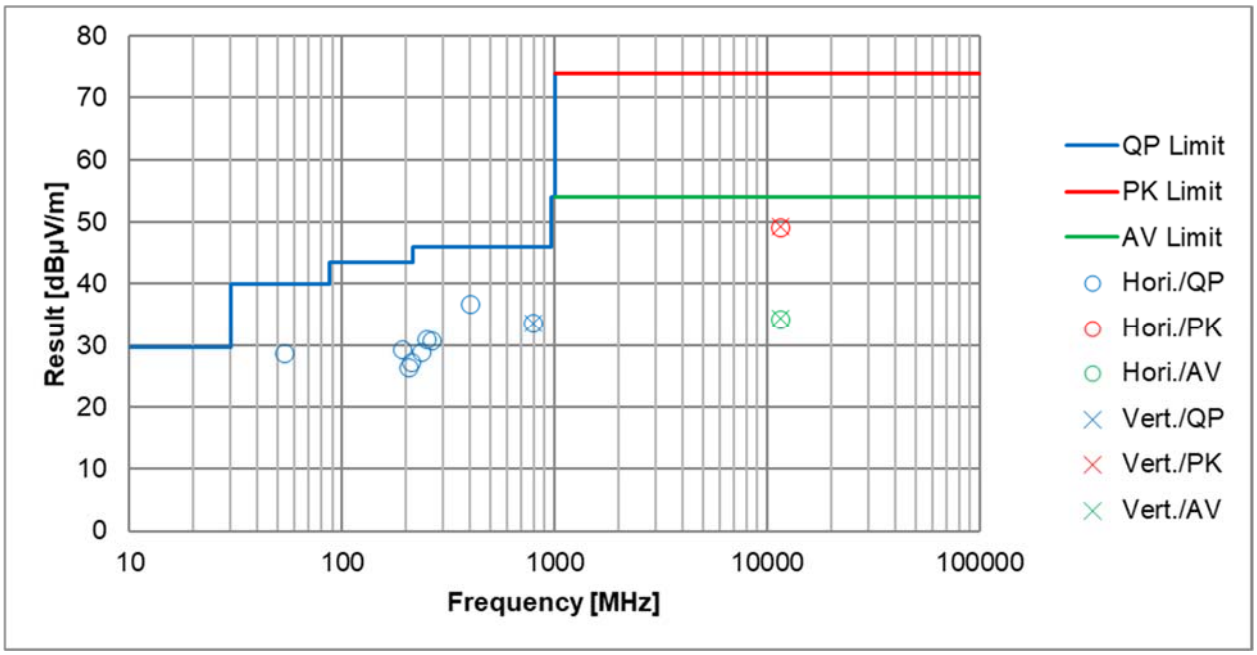
Test place	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC2	WAC 1	WAC1	WAC1
Date	September 2, 2024	August 22, 2024	August 22, 2024	August 21, 2024
Temperature / Humidity	23 deg. C / 51 % RH	24 deg. C / 42 % RH	24 deg. C / 56 % RH	26 deg. C / 55 % RH
Engineer	Yuta Shiba	Yuta Shiba	Yosuke Murakami	Yosuke Murakami
	(Below 1 GHz)	(1 GHz to 10 GHz)	(10 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx 11ax-20 (OFDM) 2412 MHz			



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

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

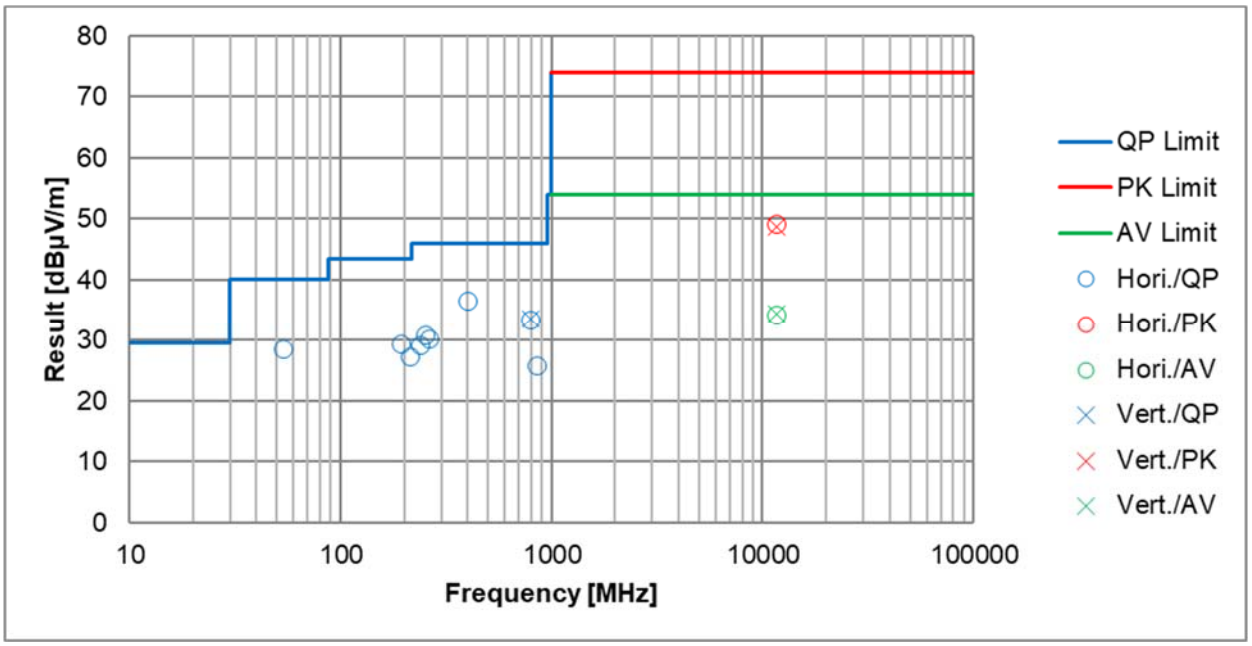
Test place	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC2	WAC 1	WAC1	WAC1
Date	September 3, 2024	August 22, 2024	August 22, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 61 % RH	24 deg. C / 42 % RH	24 deg. C / 56 % RH	26 deg. C / 55 % RH
Engineer	Shiro Kobayashi (Below 1 GHz)	Yuta Shiba (1 GHz to 10 GHz)	Yosuke Murakami (10 GHz to 26.5 GHz)	Yosuke Murakami (26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx 3DH5, Hopping On			



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

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

Test place	Shonan EMC Lab.			
Semi Anechoic Chamber	WAC2	WAC 1	WAC1	WAC1
Date	September 3, 2024	August 22, 2024	August 22, 2024	August 21, 2024
Temperature / Humidity	24 deg. C / 61 % RH	24 deg. C / 42 % RH	24 deg. C / 56 % RH	26 deg. C / 55 % RH
Engineer	Shiro Kobayashi (Below 1 GHz)	Yuta Shiba (1 GHz to 10 GHz)	Yosuke Murakami (10 GHz to 26.5 GHz)	Yosuke Murakami (26.5 GHz to 40 GHz)
Mode	Tx 11ax-20 (OFDM) 5825 MHz with Tx, BT LE 2M-PHY 2402 MHz			

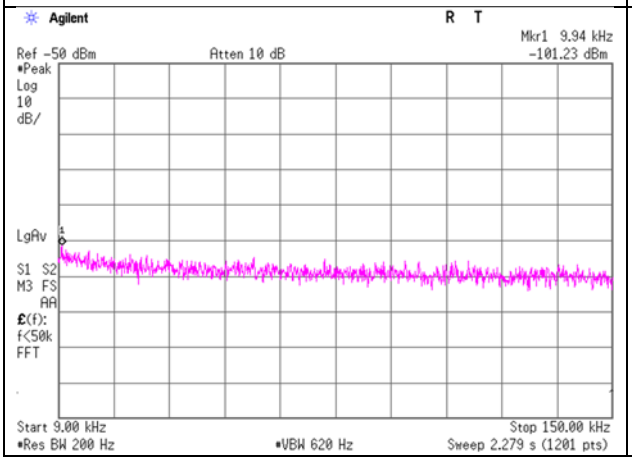


*These plots data contains sufficient number to show the trend of characteristic features for EUT.

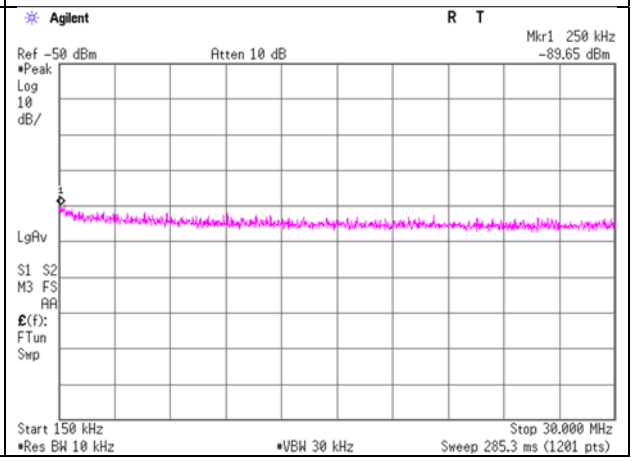
Conducted Spurious Emission

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	May 27, 2024
Temperature / Humidity	24 deg. C / 36 % RH
Engineer	Shiro Kobayashi
Mode	Tx 11ax-20(OFDM) CDD, 5825 MHz

9 kHz to 150 kHz



150 kHz to 30 MHz



Frequency [kHz]	Reading [dBm]	Cable Loss [dB]	Attenuator [dB]	Antenna Gain [dBi]	N (Number of Output)	EIRP [dBm]	Distance [m]	Ground bounce [dB]	E (field strength) [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
9.94	-101.23	1.11	9.85	6.00	2	-81.3	300	6.0	-20.0	47.6	67.6	-
250.00	-89.65	1.11	9.85	6.00	2	-69.7	300	6.0	-8.4	19.6	28.0	-

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

APPENDIX 2: Test Instruments

Test Equipment [1/2]

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	145111	Digital Tester	SANWA	PC500	7019232	2023/09/25	12
AT	145800	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250106	2024/03/25	12
AT	146212	Digital Hitester	HIOKI E.E. CORPORATION	3805-50	80997828	2023/09/25	12
AT	146223	Spectrum Analyzer	Keysight Technologies Inc	N9010A-526	MY48031482	2023/10/07	12
AT	146247	Power Meter	Keysight Technologies Inc	8990B	MY51000272	2024/05/14	12
AT	146310	Power sensor	Keysight Technologies Inc	N1923A	MY5326009	2024/05/14	12
AT	146311	Power sensor	Keysight Technologies Inc	N1923A	MY5349008	2024/05/14	12
AT	160899	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46185516	2023/12/29	12
AT	191845	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2023/08/07 *1)	12
AT	196947	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803478/2	2024/03/07	12
AT	196949	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803480/2	2024/03/07	12
AT	242067	Attenuator	Weinschel Corp.	54A-10	120523	2023/11/02	12
AT	242068	Attenuator	Weinschel Corp.	54A-10	120524	2023/11/02	12
AT	242077	Terminator	Weinschel - API Technologies Corp	M1459A	121108	2023/11/17	12
RE	145007	Pre Amplifier	Toyo Corporation	HAP18-26W	19	2024/08/21	12
RE	145129	Pre Amplifier	Toyo Corporation	HAP26-40W	B3208602403-176	2024/05/09	12
RE	145136	Attenuator	Keysight Technologies Inc	8493C-010	74864	2023/10/12	12
RE	145176	Coaxial Cable	Suhner	SUCOFLEX 102	32703/2	2024/08/21	12
RE	145301	Highpass Filter	Micro-Tronics	HPM50111	51	2023/10/13	12
RE	145512	Horn Antenna	ETS-Lindgren	3160-09	00094868	2024/06/20	12
RE	145514	Horn Antenna	ETS-Lindgren	3160-10	00092383	2024/06/20	12
RE	145528	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	195	2024/04/10	12
RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,PE)	Ver 3.1.0546	-	-
RE	179540	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	802815/2	2024/03/05	12
RE	196945	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803414/2	2024/03/12	12
RE	199783	Attenuator	JFW	50HF-006N	-	2024/06/14	12
RE	207280	Tape Measure	ASKUL	-	-	-	-
RE	207281	Tape Measure	ASKUL	-	-	-	-
RE	235267	Test Receiver	Rohde & Schwarz	ESW44	103018	2024/03/05	12
RE	235268	Test Receiver	Rohde & Schwarz	ESW44	103212	2023/12/26	12

Test Equipment [2/2]

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	235639	DIGITAL MULTIMETER	HIOKI E.E. CORPORATION	DT4261	230313156	2024/05/29	12
RE	235640	DIGITAL MULTIMETER	HIOKI E.E. CORPORATION	DT4261	230313157	2024/05/29	12
RE	235735	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2024/04/28	12
RE	235738	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2024/04/28	12
RE	236615	Semi-Anechoic Chamber	TDK	SWAC-02(NSA)	2	2024/05/10	12
RE	236616	Semi-Anechoic Chamber	TDK	SWAC-01(SVSWR)	1	2024/06/04	12
RE	236686	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	787	2024/04/19	12
RE	236708	Coaxial Cable	Hayashi-Repic co., Ltd.	NMS079B-GL310C-SMS117B-2m	47256-02-03	2024/05/09	12
RE	236724	Coaxial Cable	Hayashi-Repic co., Ltd.	SF106(HUBER+SUHNER)/LMR400UF/GL310C/GL310C	2000430/47753-2/47256-01-04/47256-01-02	2024/05/10	12
RE	236769	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000111	2024/04/19	12
RE	236967	Pre Amplifier	TSJ (Techno Science Japan)	MLA-9K01-L01	23050010	2024/06/14	12
RE	237784	RF RELAY MATRIX with preamplifier	TSJ (Techno Science Japan)	RFM-E221261R	07795	2023/11/01	12
RE	239643	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	2306S021	2024/08/20	12
RE	239787	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHBB 9124+BBA9106	01908	2024/08/10	12
RE	243209	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NFS13-1.0m	49190-01-01	2023/12/20	12
RE	243687	Coaxial Cable	Hayashi-Repic co., Ltd.	NMS079B-GL310C-NMS079B-6.0m	49373-01-01	2023/12/28	12
RE	243689	Coaxial Cable	Huber+Suhner	GL310C(Hayashi-Repic)/SF106/SF106	49373-01-01/2000781/2001160	2023/12/28	12

***Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.**

The expiration date of the calibration is the end of the expired month.
As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

The expiration*1) This test equipment was used for the tests before the expiration date of the calibration.
All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

AT: Antenna Terminal Conducted test
RE: Radiated Emission