

A.3 MAXIMUM OUTPUT POWER AND EMISSION/OCCUPIED

BANDWIDTH

Test Date	2024/11/07~ 18	Temp./Hum.	23 ~ 24°C /57 ~ 65%
Cable Loss	1.0dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 Average Output Power and Emission/Occupied Bandwidth

Mode 802.11a	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Max Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5180	21.92	22.07	16.67	16.59	15.94	15.65	NA	15.94	24	N/A
	5200	23.54	22.67	16.69	16.64	15.80	15.70		15.80		
	5240	22.29	23.31	16.71	16.61	15.62	15.62		15.62		
Mode 802.11a	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Max Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5745	11.96	15.13	16.57	16.56	16.16	16.15	N/A	16.16	30	N/A
	5785	14.98	14.12	16.59	16.70	16.31	16.12		16.31		
	5825	13.93	15.16	16.62	16.60	15.85	16.17		16.17		

Note: 1. The results have been included cable loss.

2. Max Average Output Power (dBm) = Max of each average output power (dBm)+ Duty Cycle Factor (dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11a	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Antenna Gain (dBi)		Max Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth					AUX	Main		
		AUX	Main	AUX	Main	AUX	Main		AUX	Main		
U-NII Band 4	5845	16.46	16.45	16.51	16.48	17.18	16.63	N/A	1.60	1.60	18.78	30
	5865	16.45	16.45	16.49	16.50	16.43	16.83		1.60	1.60	18.43	
	5885	16.47	16.47	16.49	16.51	16.58	16.33		1.60	1.60	18.18	

Note: 1. The results have been included cable loss.

2. Max Average Output Power (EIRP) = Max of average output power (AUX or Main) (dBm)+ Antenna Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

3. We only presented the middle channel plots for each test mode.

Mode 802.11a	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Antenna Gain (dBi)		Max Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth					AUX	Main		
		AUX	Main	AUX	Main	AUX	Main		AUX	Main		
U-NII Band 4	5845	16.46	16.45	16.51	16.48	17.18	16.63	N/A	0.50	1.90	18.53	30
	5865	16.45	16.45	16.49	16.50	16.43	16.83		0.50	1.90	18.73	
	5885	16.47	16.47	16.49	16.51	16.58	16.33		0.50	1.90	18.23	

Note: 1. The results have been included cable loss.

2. Max Average Output Power (EIRP) = Max of average output power (AUX or Main) (dBm)+ Antenna Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

3. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11n-HT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5180	23.78	23.06	17.78	17.74	16.11	15.90	N/A	19.02	24	N/A
	5200	22.60	24.04	17.74	17.76	15.80	15.74		18.78		
	5240	23.24	23.96	17.80	17.75	16.06	16.20		19.14		
Mode 802.11n-HT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5745	10.35	15.72	17.76	17.78	16.11	16.01	N/A	19.07	30	N/A
	5785	17.58	13.82	17.76	17.82	15.64	16.12		18.90		
	5825	12.96	17.62	17.74	17.73	16.00	15.65		18.84		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11n-HT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note3}	Total Average Output Power (EIRP) ^{Note2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	17.71	17.67	17.70	17.69	16.47	16.06	N/A	1.60	20.88	30
	5865	17.68	17.69	17.69	17.71	16.08	15.96		1.60	20.63	
	5885	17.74	17.70	17.70	17.76	15.79	15.78		1.60	20.40	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11n-HT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note3}	Total Average Output Power (EIRP) ^{Note2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	17.71	17.67	17.70	17.69	16.47	16.06	N/A	1.26	20.54	30
	5865	17.68	17.69	17.69	17.71	16.08	15.96		1.26	20.29	
	5885	17.74	17.70	17.70	17.76	15.79	15.78		1.26	20.06	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11n-HT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+1 0 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5190	41.80	41.27	36.06	35.99	16.09	15.49	N/A	18.81	24	N/A
	5230	42.73	41.45	36.11	36.02	15.85	16.15		19.01		
Mode 802.11n-HT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+1 0 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5755	33.84	36.38	36.03	35.99	16.09	15.91	N/A	19.01	30	N/A
	5795	28.62	35.74	36.01	36.00	15.75	16.02		18.90		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11n-HT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	36.45	36.43	36.05	36.05	15.79	16.01	N/A	1.60	20.51	30
	5875	36.46	36.42	36.06	36.07	15.82	15.60		1.60	20.32	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11n-HT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note3}	Total Average Output Power (EIRP) ^{Note2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	36.45	36.43	36.05	36.05	15.79	16.01	N/A	1.26	20.17	30
	5875	36.46	36.42	36.06	36.07	15.82	15.60		1.26	19.98	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11ac- VHT20	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth						
		Aux	Main	Aux	Main	Aux	Main			
U-NII Band 1	5180	N/A	N/A	N/A	N/A	15.81	15.69	N/A	18.76	24
	5200	N/A	N/A	N/A	N/A	15.69	15.64		18.68	
	5240	N/A	N/A	N/A	N/A	15.88	15.95		18.93	
Mode 802.11ac- VHT20	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth						
		Aux	Main	Aux	Main	Aux	Main			
U-NII Band 3	5745	N/A	N/A	N/A	N/A	15.86	15.87	N/A	18.88	30
	5785	N/A	N/A	N/A	N/A	15.40	15.91		18.67	
	5825	N/A	N/A	N/A	N/A	15.89	15.49		18.70	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. The 802.11ac mode for VHT20/VHT40 are not the worst case, thus it is unnecessary to test.

5. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ac- VHT20	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	N/A	N/A	N/A	N/A	16.25	15.92	N/A	1.60	20.70	30
	5865	N/A	N/A	N/A	N/A	15.78	15.72		1.60	20.36	
	5885	N/A	N/A	N/A	N/A	15.51	15.68		1.60	20.21	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. The 802.11ac mode for VHT20/VHT40 are not the worst case, thus it is unnecessary to test.

5. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11ac- VHT20	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	N/A	N/A	N/A	N/A	16.25	15.92	N/A	1.26	20.36	30
	5865	N/A	N/A	N/A	N/A	15.78	15.72		1.26	20.02	
	5885	N/A	N/A	N/A	N/A	15.51	15.68		1.26	19.87	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. The 802.11ac mode for VHT20/VHT40 are not the worst case, thus it is unnecessary to test.

5. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11ac- VHT40	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth					
		Aux	Main	Aux	Main	Aux	Main		
U-NII Band 1	5190	N/A	N/A	N/A	N/A	15.92	15.25	N/A	18.61
	5230	N/A	N/A	N/A	N/A	15.65	16.04		18.86
Mode 802.11ac- VHT40	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth					
		Aux	Main	Aux	Main	Aux	Main		
U-NII Band 3	5755	N/A	N/A	N/A	N/A	15.79	15.80	N/A	18.81
	5795	N/A	N/A	N/A	N/A	15.46	15.86		18.67

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. The 802.11ac mode for VHT20/VHT40 are not the worst case, thus it is unnecessary to test.

5. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ac- VHT40	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	N/A	N/A	N/A	N/A	15.60	15.73	N/A	1.60	20.28	30
	5875	N/A	N/A	N/A	N/A	15.52	15.50		1.60	20.12	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 2.51 \text{ dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. The 802.11ac mode for VHT20/VHT40 are not the worst case, thus it is unnecessary to test.

5. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11ac- VHT40	Centre Frequency (MHz)	Bandwidth(MHz) ^{Note 4}				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	N/A	N/A	N/A	N/A	15.60	15.73	N/A	1.26	19.94	30
	5875	N/A	N/A	N/A	N/A	15.52	15.50		1.26	19.78	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26 \text{ dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. The 802.11ac mode for VHT20/VHT40 are not the worst case, thus it is unnecessary to test.

5. We only presented the middle channel plots for each test mode.

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City 244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

Mode 802.11ac- VHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5210	86.14	83.50	75.15	75.03	15.41	15.33	N/A	18.38	24	N/A
Mode 802.11ac- VHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5775	52.20	64.62	75.24	75.23	15.16	15.37	N/A	5.00	30	N/A

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ac- VHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5855	76.39	76.43	75.20	75.21	15.33	15.57	N/A	1.60	20.06	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11ac- VHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5855	76.39	76.43	75.20	75.21	15.33	15.57	N/A	1.26	19.72	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ac- VHT160	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5815	156.30	156.30	153.77	153.71	15.57	15.75	N/A	1.60	20.27	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11ac- VHT160	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5815	156.30	156.30	153.77	153.71	15.57	15.75	N/A	1.26	19.93	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11ax- HE20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5180	22.95	23.01	18.92	18.89	15.69	15.63	N/A	18.67	24	N/A
	5200	22.80	23.41	18.91	18.92	15.53	15.26		18.41		
	5240	23.30	23.23	18.96	18.89	15.88	16.11		19.01		
Mode 802.11ax- HE20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5745	13.03	13.78	18.89	18.93	16.12	15.79	N/A	18.97	30	N/A
	5785	18.39	17.25	18.92	18.93	16.04	15.96		19.01		
	5825	15.41	14.69	18.89	18.88	15.34	15.99		18.69		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ax- HE20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note3}	Total Average Output Power (EIRP) ^{Note2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	19.08	19.07	18.90	18.88	15.52	15.41	N/A	1.60	20.08	30
	5865	19.04	19.03	18.90	18.88	15.22	15.66		1.60	20.06	
	5885	19.07	19.08	18.88	18.90	15.75	15.06		1.60	20.03	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11ax- HE20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note3}	Total Average Output Power (EIRP) ^{Note2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	19.08	19.07	18.90	18.88	15.52	15.41	N/A	1.26	19.74	30
	5865	19.04	19.03	18.90	18.88	15.22	15.66		1.26	19.72	
	5885	19.07	19.08	18.88	18.90	15.75	15.06		1.26	19.69	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11ax- HE40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5190	42.94	41.12	37.58	37.57	15.97	15.60	N/A	18.80	24	N/A
	5230	42.76	42.68	37.55	37.63	16.19	15.98		19.10		
Mode 802.11ax- HE40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5755	34.77	33.64	37.64	37.50	15.92	15.53	N/A	18.74	30	N/A
	5795	36.03	30.60	37.51	37.60	15.75	15.75		18.76		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ax- HE40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	38.07	38.10	37.56	37.50	16.27	15.20	N/A	1.60	20.38	30
	5875	38.06	38.10	37.47	37.55	16.00	15.30		1.60	20.27	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6 \text{ dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Antenna: LUXSHARE-ICT

Mode 802.11ax- HE40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	38.07	38.10	37.56	37.50	16.27	15.20	N/A	1.26	20.04	30
	5875	38.06	38.10	37.47	37.55	16.00	15.30		1.26	19.93	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26 \text{ dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11ax- HE80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5210	81.25	81.27	76.40	76.60	15.50	15.35	N/A	18.44	24	N/A
Mode 802.11ax- HE80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5775	72.59	62.68	76.69	76.64	15.49	15.55	N/A	18.53	30	N/A

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ax- HE80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5855	78.10	78.09	76.67	76.65	15.21	15.45	N/A	1.60	19.94	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11ax- HE80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5855	78.10	78.09	76.67	76.65	15.21	15.45	N/A	1.26	19.60	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11ax- HE160	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5815	157.80	157.70	155.08	155.18	15.55	15.74	N/A	1.60	20.26	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11ax- HE160	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5815	157.80	157.70	155.08	155.18	15.55	15.74	N/A	1.26	19.92	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11ax- HE20	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dB m+10 log B) ^{Note 3}
			Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5180	26/0	22.95	23.01	18.92	18.89	9.78	8.80	N/A	12.33	24	N/A
		52/37	22.95	23.01	18.92	18.89	12.50	12.23	N/A	15.38		
		106/53	22.95	23.01	18.92	18.89	15.36	14.90	N/A	18.15		
Mode 802.11ax- HE20	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dB m+10 log B) ^{Note 3}
			Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5745	26/0	13.03	13.78	18.89	18.93	16.06	15.51	N/A	18.80	30	N/A
		52/37	13.03	13.78	18.89	18.93	16.03	16.07	N/A	19.06		
		106/53	13.03	13.78	18.89	18.93	16.41	16.11	N/A	19.27		
	5825	26/8	15.41	14.69	18.89	18.88	16.09	16.22	N/A	19.16		
		52/40	15.41	14.69	18.89	18.88	16.25	16.18	N/A	19.23		
		106/54	15.41	14.69	18.89	18.88	16.00	16.11	N/A	19.07		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11ax- HE40	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ₃ ^{Note 3}
			Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5190	242/61	42.94	41.12	37.58	37.57	15.76	15.14	N/A	18.47	24	N/A
Mode 802.11ax- HE40	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ₃ ^{Note 3}
			Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5755	242/61	34.77	33.64	37.64	37.50	16.02	15.45	N/A	18.75	30	N/A
	5795	242/62	36.03	30.60	37.51	37.60	16.12	15.65		18.90		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Mode 802.11ax- HE80	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ^{Note 3}
			Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5210	484/65	81.25	81.27	76.40	76.60	15.37	14.50	N/A	17.97	24	N/A
Mode 802.11ax- HE80	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ^{Note 3}
			Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5775	484/65	72.59	62.68	76.69	76.64	15.63	15.25	N/A	18.45	30	N/A
		484/66	72.59	62.68	76.69	76.64	15.64	14.63		18.17		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11be- EHT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5180	22.39	23.75	18.92	18.97	15.97	15.43	N/A	18.72	24	N/A
	5200	23.80	23.31	18.93	18.93	16.06	15.67		18.88		
	5240	24.11	23.05	18.90	18.92	15.45	15.39		18.43		
Mode 802.11be- EHT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5745	18.93	13.85	18.95	18.92	15.88	15.48	N/A	18.69	30	N/A
	5785	18.37	16.88	18.96	18.94	15.79	16.07		18.94		
	5825	17.33	17.61	18.98	18.90	15.75	16.11		18.94		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11be- EHT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	19.07	19.06	18.91	18.91	16.09	15.39	N/A	1.60	20.36	30
	5865	19.07	19.05	18.88	18.89	15.73	15.56		1.60	20.26	
	5885	19.09	19.08	18.86	18.87	16.09	15.27		1.60	20.31	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6 \text{ dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11be- EHT20	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5845	19.07	19.06	18.91	18.91	16.09	15.39	N/A	1.26	20.02	30
	5865	19.07	19.05	18.88	18.89	15.73	15.56		1.26	19.92	
	5885	19.09	19.08	18.86	18.87	16.09	15.27		1.26	19.97	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26 \text{ dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11be- EHT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5190	43.37	44.19	37.48	37.48	15.45	15.86	N/A	18.67	24	N/A
	5230	42.63	42.79	37.43	37.65	15.68	15.36		18.53		
Mode 802.11be- EHT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5755	36.29	31.87	37.62	37.50	15.95	15.37	N/A	18.68	30	N/A
	5795	36.97	35.81	37.43	37.64	15.89	16.04		18.98		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11be- EHT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note3}	Total Average Output Power (EIRP) ^{Note2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	38.11	38.09	37.54	37.53	16.53	15.85	N/A	1.60	20.81	30
	5875	38.12	38.08	37.46	37.44	15.59	15.44		1.60	20.13	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11be- EHT40	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5835	38.11	38.09	37.54	37.53	16.53	15.85	N/A	1.26	20.47	30
	5875	38.12	38.08	37.46	37.44	15.59	15.44		1.26	19.79	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

Mode 802.11be- EHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5210	82.25	80.99	76.72	76.67	15.56	15.41	N/A	18.50	24	N/A
Mode 802.11be- EHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm +10 log B) ^{Note 3}
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5775	78.02	78.05	76.64	76.63	15.72	15.59	N/A	18.67	30	N/A

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11be- EHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5855	78.10	78.07	76.70	76.85	15.23	15.37	N/A	1.60	19.91	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11be- EHT80	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5855	78.10	78.07	76.70	76.85	15.23	15.37	N/A	1.26	19.57	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City 244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

Antenna: INPAQ

Mode 802.11be- EHT160	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5815	157.70	157.70	155.16	155.01	15.58	15.80	N/A	1.60	20.30	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.6\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Antenna: LUXSHARE-ICT

Mode 802.11be- EHT160	Centre Frequency (MHz)	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional gain (dBi) ^{Note 3}	Total Average Output Power (EIRP) ^{Note 2}	Limit (EIRP)
		Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
		AUX	Main	AUX	Main	AUX	Main				
U-NII Band 4	5815	157.70	157.70	155.16	155.01	15.58	15.80	N/A	1.26	19.96	30

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain} = 10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11be-EHT20	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dB m+10 log B) ^{Note 3}
			Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5180	26/0	22.39	23.75	18.92	18.97	9.14	9.01	N/A	12.09	24	N/A
		52/37	22.39	23.75	18.92	18.97	13.02	12.12	N/A	15.60		
		106/53	22.39	23.75	18.92	18.97	15.11	14.63	N/A	17.89		
Mode 802.11be-EHT20	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dB m+10 log B) ^{Note 3}
			Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5745	26/0	18.93	13.85	18.95	18.92	16.23	15.97	N/A	19.11	30	N/A
		52/37	18.93	13.85	18.95	18.92	15.92	15.77	N/A	18.86		
		106/53	18.93	13.85	18.95	18.92	15.80	15.30	N/A	18.57		
	5825	26/8	17.33	17.61	18.98	18.90	15.57	16.13	N/A	18.86		
		52/40	17.33	17.61	18.98	18.90	16.14	16.23	N/A	19.20		
		106/54	17.33	17.61	18.98	18.90	15.78	16.28	N/A	19.05		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Mode 802.11be- EHT40	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ₃ ^{Note 3}
			Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5190	242/61	43.37	44.19	37.48	37.48	15.70	15.74	N/A	18.73	24	N/A
Mode 802.11be- EHT40	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ₃ ^{Note 3}
			Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5755	242/61	36.29	31.87	37.62	37.50	13.13	12.61	N/A	15.89	30	N/A
	5795	242/62	36.97	35.81	37.43	37.64	12.55	12.34		15.46		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.

Mode 802.11be- EHT80	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ₃ ^{Note 3}
			Emission (26dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 1	5210	484/65	82.25	80.99	76.72	76.67	14.96	14.60	N/A	17.79	24	N/A
Mode 802.11be- EHT80	Centre Frequency (MHz)	RU Configuration	Bandwidth(MHz)				Average Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Total Average Output Power (dBm) ^{Note 2}	Limit (dBm)	Limit(11dBm+10log B) ₃ ^{Note 3}
			Emission (6dB) Bandwidth		Occupied (99%) Bandwidth							
			Aux	Main	Aux	Main	Aux	Main				
U-NII Band 3	5775	484/65	78.02	78.05	76.64	76.63	15.04	15.90	N/A	18.50	30	N/A
		484/66	78.02	78.05	76.64	76.63	15.80	15.17		18.51		

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. We only presented the middle channel plots for each test mode.