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A.4 MAXIMUM CONDUCTED OUTPUT POWER

Test Date	2022/10/31 ~ 11/03	Temp./Hum.	22 ~ 25℃/62 ~ 68%
Cable Loss	1.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.4.1 Conducted Output Power Result

- OFDM Modulation

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) Note3	Total E.I.R.P. (dBm) Note2	Limit
			AUX	Main				
802.11ax-HE20	5	5955	2.32	1.70	N/A	2.90	7.93	24dBm
		6175	2.15	1.70		1.06	6.00	
		6415	2.04	1.78		1.06	5.98	
	6	6435	2.06	1.95		1.06	6.08	
		6475	2.09	1.97		1.06	6.10	
		6515	2.17	1.88		1.06	6.10	
	7	6535	1.37	0.90		1.06	5.21	
		6695	1.62	0.38		1.73	5.78	
		6855	1.55	0.74		1.73	5.90	
	8	6875	1.63	0.84		1.73	5.99	
		6995	1.42	0.67		-0.67	3.40	
		7115	-2.92	-2.43		-0.67	-0.33	
802.11ax-HE40	5	5965	6.10	5.53	N/A	2.90	11.73	
		6165	5.79	5.52		2.90	11.57	
		6405	5.62	5.47		1.06	9.62	
	6	6445	5.61	5.74		1.06	9.75	
		6485	5.89	5.56		1.06	9.80	
	7	6525	5.74	5.68		1.06	9.78	
		6685	5.17	4.88		1.73	9.77	
		6845	4.88	4.47		1.73	9.42	
	8	6885	5.28	4.55		1.73	9.67	
		7005	5.03	4.59		-0.67	7.16	
		7085	5.38	4.77		-0.67	7.43	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
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
Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$ dBi
Directional gain:
5925MHz: Directional gain = $10 \log[(10^{2.9/10} + 10^{2.9/10})/2]$= 2.90dBi
6425MHz: Directional gain = $10 \log[(10^{0.7/10} + 10^{1.4/10})/2]$= 1.06dBi
6825MHz: Directional gain =$10 \log[(10^{0.3/10} + 10^{2.8/10})/2]$= 1.73dBi
7125MHz: Directional gain = $10 \log[(10^{-3.4/10} + 10^{1.0/10})/2]$= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

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Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) Note3	Total E.I.R.P. (dBm) Note2	Limit
			AUX	Main				
802.11ax-HE80	5	5985	7.70	7.19	N/A	2.90	13.36	24dBm
		6145	7.34	6.90		2.90	13.04	
		6385	7.21	7.01		1.06	11.18	
	6	6465	7.20	6.83		1.06	11.09	
		6545	7.20	6.72		1.06	11.04	
	7	6625	6.50	6.20		1.73	11.09	
		6705	6.49	6.24		1.73	11.11	
		6785	6.43	5.94		1.73	10.93	
	8	6865	6.20	5.80		1.73	10.74	
		6945	6.33	5.92		1.73	10.87	
		7025	6.44	5.96		-0.67	8.55	
802.11ax-HE160	5	6025	10.66	10.22	N/A	2.90	16.36	
		6185	10.65	10.18		1.06	14.49	
		6345	10.63	10.34		1.06	14.56	
	6	6505	10.66	10.27		1.06	14.54	
	7	6665	9.90	9.58		1.73	14.48	
		6825	9.71	9.33		1.73	14.26	
	8	6985	9.76	9.40		-0.67	11.92	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
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
Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + … + $10^{GN/10}$)/N_{ANT}] dBi
Directional gain:
5925MHz: Directional gain = 10 log[($10^{2.9/10}$ +$10^{2.9/10}$)/2]= 2.90dBi
6425MHz: Directional gain = 10 log[($10^{0.7/10}$ +$10^{1.4/10}$)/2]= 1.06dBi
6825MHz: Directional gain =10 log[($10^{0.3/10}$ +$10^{2.8/10}$)/2]= 1.73dBi
7125MHz: Directional gain = 10 log[($10^{-3.4/10}$ +$10^{1.0/10}$)/2]= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

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- OFDMA Modulation

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 4			RU Index 8				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE20	5	5955	26T	-5.68	-5.35	0.132	-5.41	-5.09	0.132	-5.51	-5.31	0.132	2.90	0.80
		6175		-6.84	-7.12	0.132	-6.61	-7.09	0.132	-6.90	-7.23	0.132	1.06	-2.64
		6415		-7.32	-7.55	0.132	-7.27	-7.59	0.132	-7.35	-7.49	0.132	1.06	-3.22
	6	6435		-7.26	-7.30	0.132	-7.10	-7.36	0.132	-7.15	-7.59	0.132	1.06	-3.03
		6475		-7.53	-7.46	0.132	-7.51	-7.29	0.132	-7.35	-7.81	0.132	1.06	-3.20
		6515		-7.58	-8.02	0.132	-7.52	-7.78	0.132	-7.60	-8.09	0.132	1.06	-3.45
	7	6535		-8.38	-8.53	0.132	-8.33	-8.36	0.132	-8.55	-8.84	0.132	1.06	-4.14
		6695		-8.97	-8.27	0.132	-8.80	-8.07	0.132	-9.04	-8.61	0.132	1.73	-3.55
		6855		-8.23	-8.24	0.132	-8.40	-8.09	0.132	-8.42	-7.98	0.132	1.73	-3.32
	8	6875		-8.58	-8.42	0.132	-8.31	-7.83	0.132	-8.91	-8.45	0.132	1.73	-3.19
		6995		-7.37	-7.54	0.132	-7.23	-7.28	0.132	-7.71	-7.72	0.132	-0.67	-4.78
		7115		-7.29	-7.22	0.132	-7.04	-7.06	0.132	-7.57	-7.07	0.132	-0.67	-4.58

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 8			RU Index 17				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	26T	-5.67	-5.56	0.132	-5.56	-5.42	0.132	-5.35	-5.40	0.132	2.90	0.67
		6165		-6.70	-7.03	0.132	-6.69	-6.90	0.132	-6.85	-6.86	0.132	2.90	-0.75
		6405		-7.14	-7.47	0.132	-7.29	-7.54	0.132	-7.32	-7.56	0.132	1.06	-3.10
	6	6445		-7.33	-7.62	0.132	-7.49	-7.52	0.132	-7.26	-7.83	0.132	1.06	-3.27
		6485		-7.24	-7.61	0.132	-7.34	-7.51	0.132	-7.45	-7.82	0.132	1.06	-3.22
	7	6525		-7.34	-7.90	0.132	-7.56	-8.06	0.132	-7.60	-8.03	0.132	1.06	-3.41
		6685		-8.80	-8.33	0.132	-8.91	-8.47	0.132	-8.87	-8.62	0.132	1.73	-3.69
		6845		-8.33	-8.17	0.132	-8.46	-7.95	0.132	-8.40	-8.21	0.132	1.73	-3.33
	8	6885		-8.42	-8.01	0.132	-8.64	-8.32	0.132	-8.78	-8.50	0.132	1.73	-3.34
		7005		-7.49	-7.54	0.132	-7.85	-7.64	0.132	-7.75	-7.62	0.132	-0.67	-5.04
		7085		-7.00	-6.71	0.132	-7.26	-7.23	0.132	-8.13	-7.78	0.132	-0.67	-4.38

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$ dBi
Directional gain:
5925MHz: Directional gain = $10 \log[(10^{2.9/10} + 10^{2.9/10})/2]$= 2.90dBi
6425MHz: Directional gain = $10 \log[(10^{0.7/10} + 10^{1.4/10})/2]$= 1.06dBi
6825MHz: Directional gain =$10 \log[(10^{0.3/10} + 10^{2.8/10})/2]$= 1.73dBi
7125MHz: Directional gain = $10 \log[(10^{-3.4/10} + 10^{1.0/10})/2]$= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	26T	-5.55	-5.19	0.132	-5.04	-4.73	0.132	-5.98	-5.62	0.132	2.90	1.16
		6145		-6.85	-6.55	0.132	-6.23	-6.30	0.132	-7.15	-6.87	0.132	2.90	-0.22
		6385		-7.11	-7.44	0.132	-6.68	-6.80	0.132	-7.45	-7.54	0.132	1.06	-2.54
	6	6465		-7.56	-7.47	0.132	-7.23	-7.15	0.132	-8.03	-7.70	0.132	1.06	-2.99
		6545		-7.92	-7.88	0.132	-7.63	-7.52	0.132	-8.62	-8.16	0.132	1.06	-3.37
	7	6625		-8.98	-8.62	0.132	-8.67	-7.90	0.132	-9.16	-8.62	0.132	1.73	-3.40
		6705		-9.35	-8.53	0.132	-8.76	-7.75	0.132	-9.33	-8.57	0.132	1.73	-3.35
		6785		-8.56	-7.76	0.132	-7.87	-7.37	0.132	-8.58	-8.00	0.132	1.73	-2.74
	8	6865		-8.60	-8.09	0.132	-8.28	-7.69	0.132	-9.30	-8.47	0.132	1.73	-3.10
		6945		-7.41	-6.87	0.132	-6.88	-6.47	0.132	-7.99	-7.62	0.132	1.73	-1.80
		7025		-7.89	-7.70	0.132	-7.52	-7.07	0.132	-8.51	-8.27	0.132	-0.67	-4.82

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80L)	5	6025	26T	-7.06	-7.50	0.132	-5.91	-5.95	0.132	-5.51	-5.81	0.132	2.90	0.38
		6185		-8.32	-8.38	0.132	-7.33	-7.31	0.132	-7.10	-6.83	0.132	1.06	-2.76
		6345		-8.76	-8.46	0.132	-7.85	-7.31	0.132	-7.35	-6.80	0.132	1.06	-2.86
	6	6505		-9.15	-9.08	0.132	-7.87	-7.89	0.132	-7.60	-7.69	0.132	1.06	-3.44
	7	6665		-10.10	-10.59	0.132	-8.90	-9.16	0.132	-8.63	-9.01	0.132	1.73	-3.94
		6825		-9.46	-9.84	0.132	-8.41	-8.71	0.132	-7.69	-8.47	0.132	1.73	-3.19
	8	6985		-8.74	-9.09	0.132	-7.78	-8.09	0.132	-7.18	-7.56	0.132	-0.67	-4.89

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S0			RU Index S18			RU Index S36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80H)	5	6025	26T	-5.54	-5.47	0.132	-6.26	-6.19	0.132	-7.98	-7.61	0.132	2.90	0.54
		6185		-7.16	-6.98	0.132	-7.72	-7.53	0.132	-8.86	-8.80	0.132	1.06	-2.87
		6345		-7.42	-6.85	0.132	-7.73	-7.50	0.132	-9.25	-9.08	0.132	1.06	-2.92
	6	6505		-7.56	-7.71	0.132	-8.33	-8.35	0.132	-10.00	-9.91	0.132	1.06	-3.43
	7	6665		-8.28	-9.00	0.132	-8.78	-9.30	0.132	-9.91	-10.99	0.132	1.73	-3.75
		6825		-7.77	-8.62	0.132	-8.63	-9.10	0.132	-10.26	-10.91	0.132	1.73	-3.30
	8	6985		-7.16	-7.65	0.132	-8.03	-8.24	0.132	-9.68	-9.87	0.132	-0.67	-4.93

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$ dBi
Directional gain:
5925MHz: Directional gain = $10 \log[(10^{2.9/10} + 10^{2.9/10})/2]$= 2.90dBi
6425MHz: Directional gain = $10 \log[(10^{0.7/10} + 10^{1.4/10})/2]$= 1.06dBi
6825MHz: Directional gain =$10 \log[(10^{0.3/10} + 10^{2.8/10})/2]$= 1.73dBi
7125MHz: Directional gain = $10 \log[(10^{-3.4/10} + 10^{1.0/10})/2]$= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Tones: 52T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 39			RU Index 40				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE20	5	5955	52T	-2.24	-2.10	0.119	-2.28	-2.12	0.119	-2.25	-2.26	0.119	2.90	3.86
		6175		-3.65	-3.99	0.119	-3.63	-3.63	0.119	-3.67	-3.98	0.119	1.06	0.56
		6415		-3.80	-4.47	0.119	-3.87	-4.31	0.119	-4.22	-4.52	0.119	1.06	0.10
	6	6435		-3.88	-4.36	0.119	-4.02	-4.23	0.119	-4.16	-4.30	0.119	1.06	0.08
		6475		-3.97	-4.54	0.119	-4.29	-4.22	0.119	-4.35	-4.33	0.119	1.06	-0.06
		6515		-4.29	-4.65	0.119	-4.13	-4.45	0.119	-4.54	-4.68	0.119	1.06	-0.10
	7	6535		-5.31	-5.64	0.119	-5.31	-5.38	0.119	-5.48	-5.36	0.119	1.06	-1.16
		6695		-5.55	-5.13	0.119	-5.51	-5.29	0.119	-5.69	-5.29	0.119	1.73	-0.48
		6855		-5.21	-4.81	0.119	-5.17	-4.99	0.119	-5.57	-4.98	0.119	1.73	-0.15
	8	6875		-5.47	-4.86	0.119	-5.23	-4.92	0.119	-5.50	-5.07	0.119	1.73	-0.21
		6995		-4.32	-4.09	0.119	-4.48	-4.41	0.119	-4.57	-4.30	0.119	-0.67	-1.74
		7115		-4.14	-3.89	0.119	-4.40	-4.15	0.119	-7.89	-7.77	0.119	-0.67	-1.55

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 40			RU Index 44				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	52T	-2.44	-2.07	0.119	-2.39	-2.16	0.119	-2.68	-2.46	0.119	2.90	3.78
		6165		-3.45	-3.69	0.119	-3.57	-3.98	0.119	-3.68	-3.95	0.119	2.90	2.46
		6405		-3.90	-4.46	0.119	-3.84	-4.30	0.119	-3.94	-4.76	0.119	1.06	0.13
	6	6445		-4.17	-4.46	0.119	-4.30	-4.38	0.119	-4.22	-4.39	0.119	1.06	-0.11
		6485		-4.34	-4.68	0.119	-4.45	-4.41	0.119	-4.30	-4.47	0.119	1.06	-0.19
	7	6525		-4.28	-4.79	0.119	-4.33	-4.61	0.119	-4.70	-4.81	0.119	1.06	-0.28
		6685		-5.57	-5.46	0.119	-5.86	-5.49	0.119	-5.91	-5.16	0.119	1.73	-0.66
		6845		-5.06	-4.90	0.119	-5.21	-4.79	0.119	-5.31	-5.22	0.119	1.73	-0.12
	8	6885		-5.27	-5.18	0.119	-5.51	-5.22	0.119	-5.71	-5.51	0.119	1.73	-0.37
		7005		-4.65	-4.52	0.119	-4.62	-4.47	0.119	-4.65	-4.75	0.119	-0.67	-2.09
		7085		-4.16	-3.87	0.119	-4.27	-3.80	0.119	-4.50	-4.04	0.119	-0.67	-1.55

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + … + $10^{GN/10}$)/N_{ANT}] dBi
Directional gain:
5925MHz: Directional gain = 10 log[($10^{2.9/10}$ +$10^{2.9/10}$)/2]= 2.90dBi
6425MHz: Directional gain = 10 log[($10^{0.7/10}$ +$10^{1.4/10}$)/2]= 1.06dBi
6825MHz: Directional gain =10 log[($10^{0.3/10}$ +$10^{2.8/10}$)/2]= 1.73dBi
7125MHz: Directional gain = 10 log[($10^{-3.4/10}$ +$10^{1.0/10}$)/2]= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	52T	-2.54	-2.84	0.119	-2.13	-2.19	0.119	-2.71	-2.89	0.119	2.90	3.87
		6145		-3.85	-3.41	0.119	-3.25	-3.15	0.119	-4.17	-4.13	0.119	2.90	2.83
		6385		-4.34	-4.22	0.119	-3.96	-3.95	0.119	-4.59	-4.92	0.119	1.06	0.23
	6	6465		-4.39	-4.75	0.119	-4.14	-4.52	0.119	-4.94	-5.12	0.119	1.06	-0.14
		6545		-4.97	-5.32	0.119	-4.81	-4.78	0.119	-5.24	-5.77	0.119	1.06	-0.61
	7	6625		-5.36	-6.13	0.119	-5.28	-6.05	0.119	-5.67	-6.44	0.119	1.73	-0.79
		6705		-5.63	-6.32	0.119	-5.03	-6.32	0.119	-5.36	-6.57	0.119	1.73	-0.77
		6785		-5.12	-5.89	0.119	-4.54	-5.22	0.119	-4.98	-5.87	0.119	1.73	-0.01
	8	6865		-5.25	-5.91	0.119	-4.80	-5.95	0.119	-5.59	-6.57	0.119	1.73	-0.48
		6945		-4.60	-4.64	0.119	-3.92	-4.56	0.119	-4.54	-5.17	0.119	1.73	0.63
		7025		-4.77	-5.20	0.119	-4.62	-5.18	0.119	-5.17	-5.83	0.119	-0.67	-2.43

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80L)	5	6025	52T	-3.66	-4.28	0.119	-2.90	-3.07	0.119	-2.59	-2.61	0.119	2.90	3.43
		6185		-5.29	-5.14	0.119	-4.21	-4.09	0.119	-3.89	-3.76	0.119	1.06	0.36
		6345		-5.85	-5.31	0.119	-4.81	-4.15	0.119	-4.00	-3.92	0.119	1.06	0.23
	6	6505		-6.11	-5.97	0.119	-4.84	-4.91	0.119	-4.51	-4.37	0.119	1.06	-0.25
	7	6665		-6.84	-7.44	0.119	-5.86	-6.24	0.119	-5.10	-5.76	0.119	1.73	-0.56
		6825		-6.33	-6.68	0.119	-5.37	-5.68	0.119	-4.87	-5.21	0.119	1.73	-0.18
	8	6985		-5.63	-5.91	0.119	-4.66	-4.93	0.119	-4.05	-4.75	0.119	-0.67	-1.93

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S37			RU Index S44			RU Index S52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80H)	5	6025	52T	-2.33	-2.57	0.119	-3.21	-3.04	0.119	-4.87	-4.52	0.119	2.90	3.58
		6185		-3.79	-3.64	0.119	-4.48	-4.30	0.119	-5.69	-5.69	0.119	1.06	0.47
		6345		-4.02	-3.85	0.119	-4.86	-4.33	0.119	-6.21	-5.97	0.119	1.06	0.26
	6	6505		-4.75	-4.36	0.119	-5.33	-5.33	0.119	-6.86	-6.57	0.119	1.06	-0.36
	7	6665		-5.39	-5.82	0.119	-5.83	-6.46	0.119	-7.11	-8.02	0.119	1.73	-0.74
		6825		-4.58	-5.39	0.119	-5.25	-6.14	0.119	-7.10	-7.78	0.119	1.73	-0.11
	8	6985		-4.31	-4.47	0.119	-4.71	-5.38	0.119	-6.69	-6.69	0.119	-0.67	-1.93

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + … + $10^{GN/10}$)/N_{ANT}] dBi
Directional gain:
5925MHz: Directional gain = 10 log[($10^{2.9/10}$ +$10^{2.9/10}$)/2]= 2.90dBi
6425MHz: Directional gain = 10 log[($10^{0.7/10}$ +$10^{1.4/10}$)/2]= 1.06dBi
6825MHz: Directional gain =10 log[($10^{0.3/10}$ +$10^{2.8/10}$)/2]= 1.73dBi
7125MHz: Directional gain = 10 log[($10^{-3.4/10}$ +$10^{1.0/10}$)/2]= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Tones: 106T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 53			RU Index 54				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE20	5	5955	106T	0.83	1.02	N/A	0.79	0.77	N/A	2.90	6.84
		6175		-0.45	-0.51	N/A	-0.54	-0.57	N/A	1.06	3.59
		6415		-0.98	-1.24	N/A	-0.77	-1.46	N/A	1.06	2.97
	6	6435		-1.19	-1.24	N/A	-0.86	-1.04	N/A	1.06	3.12
		6475		-0.88	-1.22	N/A	-0.98	-1.19	N/A	1.06	3.02
		6515		-0.96	-1.53	N/A	-1.24	-1.60	N/A	1.06	2.83
	7	6535		-1.95	-2.39	N/A	-2.18	-2.53	N/A	1.06	1.91
		6695		-2.63	-2.14	N/A	-2.74	-2.29	N/A	1.73	2.36
		6855		-2.20	-1.84	N/A	-2.32	-1.80	N/A	1.73	2.72
	8	6875		-2.31	-2.01	N/A	-2.50	-2.10	N/A	1.73	2.58
		6995		-1.40	-0.96	N/A	-1.23	-1.35	N/A	-0.67	1.17
		7115		-0.99	-0.77	N/A	-7.98	-7.48	N/A	-0.67	1.46

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 53			RU Index 54			RU Index 56				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	106T	0.75	0.75	N/A	0.85	0.58	N/A	0.61	0.50	N/A	2.90	6.66
		6165		-0.52	-0.67	N/A	-0.41	-0.93	N/A	-0.75	-0.73	N/A	2.90	5.32
		6405		-0.98	-1.51	N/A	-0.67	-1.24	N/A	-1.01	-1.48	N/A	1.06	3.12
	6	6445		-1.12	-1.38	N/A	-0.93	-1.43	N/A	-1.26	-1.42	N/A	1.06	2.90
		6485		-1.00	-1.29	N/A	-1.03	-1.31	N/A	-1.19	-1.47	N/A	1.06	2.93
	7	6525		-1.41	-1.63	N/A	-1.23	-1.58	N/A	-1.74	-1.95	N/A	1.06	2.67
		6685		-2.67	-2.20	N/A	-2.79	-2.41	N/A	-2.64	-2.50	N/A	1.73	2.31
		6845		-2.40	-1.91	N/A	-2.13	-1.71	N/A	-2.25	-1.97	N/A	1.73	2.83
	8	6885		-2.41	-1.97	N/A	-2.63	-2.26	N/A	-2.90	-2.38	N/A	1.73	2.56
		7005		-1.26	-1.15	N/A	-1.41	-1.14	N/A	-1.63	-1.40	N/A	-0.67	1.14
		7085		-0.86	-0.90	N/A	-1.10	-0.63	N/A	-1.06	-1.16	N/A	-0.67	1.48

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$ dBi
Directional gain:
5925MHz: Directional gain = $10 \log[(10^{2.9/10} + 10^{2.9/10})/2]$= 2.90dBi
6425MHz: Directional gain = $10 \log[(10^{0.7/10} + 10^{1.4/10})/2]$= 1.06dBi
6825MHz: Directional gain =$10 \log[(10^{0.3/10} + 10^{2.8/10})/2]$= 1.73dBi
7125MHz: Directional gain = $10 \log[(10^{-3.4/10} + 10^{1.0/10})/2]$= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	106T	0.59	0.24	N/A	1.14	0.89	N/A	0.04	0.40	N/A	2.90	6.93
		6145		-0.60	-0.48	N/A	-0.63	-0.49	N/A	-1.23	-0.91	N/A	2.90	5.37
		6385		-1.38	-1.16	N/A	-1.09	-1.08	N/A	-1.66	-1.66	N/A	1.06	2.99
	6	6465		-1.37	-1.86	N/A	-1.35	-1.80	N/A	-1.87	-2.04	N/A	1.06	2.50
		6545		-2.02	-2.23	N/A	-1.57	-2.00	N/A	-2.27	-2.59	N/A	1.06	2.29
	7	6625		-2.60	-3.44	N/A	-2.29	-2.97	N/A	-2.65	-3.61	N/A	1.73	2.12
		6705		-2.68	-3.76	N/A	-2.02	-3.18	N/A	-2.48	-3.75	N/A	1.73	2.18
		6785		-1.42	-2.27	N/A	-1.49	-2.04	N/A	-1.72	-2.80	N/A	1.73	2.98
	8	6865		-1.92	-2.63	N/A	-1.64	-2.44	N/A	-2.56	-3.10	N/A	1.73	2.72
		6945		-0.78	-1.70	N/A	-0.61	-1.25	N/A	-1.33	-1.78	N/A	1.73	3.82
		7025		-1.45	-1.88	N/A	-1.25	-1.81	N/A	-1.99	-2.22	N/A	-0.67	0.82

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80L)	5	6025	106T	-0.89	-1.05	N/A	0.04	-0.02	N/A	0.76	0.57	N/A	2.90	6.58
		6185		-2.16	-1.70	N/A	-1.25	-0.93	N/A	-0.88	-0.77	N/A	1.06	3.25
		6345		-2.50	-2.20	N/A	-1.77	-1.38	N/A	-1.16	-0.62	N/A	1.06	3.19
	6	6505		-2.42	-2.78	N/A	-1.87	-1.75	N/A	-1.39	-1.56	N/A	1.06	2.60
	7	6665		-3.90	-4.34	N/A	-2.70	-3.27	N/A	-2.26	-2.55	N/A	1.73	2.34
		6825		-3.42	-3.38	N/A	-2.55	-2.66	N/A	-1.77	-1.96	N/A	1.73	2.88
	8	6985		-2.22	-2.35	N/A	-1.52	-1.75	N/A	-1.23	-1.33	N/A	-0.67	1.06

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S53			RU Index S56			RU Index S60				
				AUX	Main	Duty Cycle Factor 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor 10log(1/X) Note 3		
802.11ax-HE160 (80H)	5	6025	106T	0.59	0.42	N/A	-0.23	0.12	N/A	-1.72	-1.39	N/A	2.90	6.42
		6185		-0.69	-0.65	N/A	-1.34	-1.05	N/A	-2.45	-2.85	N/A	1.06	3.40
		6345		-1.08	-0.64	N/A	-1.58	-1.37	N/A	-2.85	-2.65	N/A	1.06	3.22
	6	6505		-1.57	-1.57	N/A	-2.00	-1.88	N/A	-3.37	-3.69	N/A	1.06	2.50
	7	6665		-2.48	-2.81	N/A	-2.94	-3.28	N/A	-4.28	-4.53	N/A	1.73	2.10
		6825		-2.08	-2.05	N/A	-2.49	-2.47	N/A	-3.91	-4.34	N/A	1.73	2.68
	8	6985		-0.99	-1.25	N/A	-1.57	-1.93	N/A	-3.16	-3.47	N/A	-0.67	1.22

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + … + $10^{GN/10}$)/N_{ANT}] dBi
Directional gain:
5925MHz: Directional gain = 10 log[($10^{2.9/10}$ +$10^{2.9/10}$)/2]= 2.90dBi
6425MHz: Directional gain = 10 log[($10^{0.7/10}$ +$10^{1.4/10}$)/2]= 1.06dBi
6825MHz: Directional gain =10 log[($10^{0.3/10}$ +$10^{2.8/10}$)/2]= 1.73dBi
7125MHz: Directional gain = 10 log[($10^{-3.4/10}$ +$10^{1.0/10}$)/2]= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Tones: 242T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm) RU Index 61 AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
802.11ax-HE20	5	5955	242T	2.37	2.86	0.123	2.90	8.66
		6175		2.32	2.96	0.123	1.06	6.85
		6415		2.55	2.73	0.123	1.06	6.83
	6	6435		1.72	2.22	0.123	1.06	6.17
		6475		1.90	2.32	0.123	1.06	6.31
		6515		2.19	2.00	0.123	1.06	6.29
	7	6535		1.88	2.16	0.123	1.06	6.22
		6695		2.02	2.10	0.123	1.73	6.92
		6855		1.90	2.15	0.123	1.73	6.89
	8	6875		1.70	1.58	0.123	1.73	6.50
		6995		1.30	1.42	0.123	-0.67	3.82
		7115		-2.53	-2.17	0.123	-0.67	0.12

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm) RU Index 61 AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	RU Index 62 AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
802.11ax-HE40	5	5965	242T	2.59	1.78	0.123	2.13	1.68	0.123	2.90	8.24
		6165		2.17	1.83	0.123	2.14	1.70	0.123	2.90	8.04
		6405		2.11	1.68	0.123	2.27	1.70	0.123	1.06	6.19
	6	6445		1.53	1.41	0.123	1.47	1.20	0.123	1.06	5.66
		6485		1.65	1.47	0.123	1.6	1.68	0.123	1.06	5.83
	7	6525		1.97	1.45	0.123	2.42	1.85	0.123	1.06	6.34
		6685		1.68	0.58	0.123	1.62	0.52	0.123	1.73	6.03
		6845		1.36	0.40	0.123	1.75	0.42	0.123	1.73	6.00
	8	6885		1.14	0.47	0.123	1.06	0.33	0.123	1.73	5.68
		7005		0.91	0.28	0.123	1.38	0.33	0.123	-0.67	3.35
		7085		1.32	0.53	0.123	1.69	1.09	0.123	-0.67	3.86

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$ dBi
Directional gain:
5925MHz: Directional gain = $10 \log[(10^{2.9/10} + 10^{2.9/10})/2]$= 2.90dBi
6425MHz: Directional gain = $10 \log[(10^{0.7/10} + 10^{1.4/10})/2]$= 1.06dBi
6825MHz: Directional gain =$10 \log[(10^{0.3/10} + 10^{2.8/10})/2]$= 1.73dBi
7125MHz: Directional gain = $10 \log[(10^{-3.4/10} + 10^{1.0/10})/2]$= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	242T	2.56	2.90	0.123	2.67	3.46	0.123	2.67	2.82	0.123	2.90	9.12
		6145		2.75	2.83	0.123	2.94	3.04	0.123	2.39	2.54	0.123	2.90	9.02
		6385		2.52	2.37	0.123	2.60	2.79	0.123	2.63	2.71	0.123	1.06	6.89
	6	6465		2.47	1.87	0.123	3.39	3.13	0.123	2.3	2.22	0.123	1.06	7.46
		6545		1.91	2.59	0.123	2.60	3.37	0.123	2.56	2.71	0.123	1.06	7.20
	7	6625		1.13	2.03	0.123	1.35	2.42	0.123	1.29	2.16	0.123	1.73	6.78
		6705		1.47	1.94	0.123	1.41	2.14	0.123	1.23	1.88	0.123	1.73	6.65
		6785		1.5	2.17	0.123	1.43	2.04	0.123	1.39	2.08	0.123	1.73	6.71
	8	6865		1.27	1.92	0.123	1.64	2.29	0.123	0.84	1.45	0.123	1.73	6.84
		6945		0.99	1.16	0.123	1.84	2.18	0.123	0.89	1.31	0.123	1.73	6.88
		7025		0.78	1.16	0.123	1.79	2.42	0.123	0.46	1.57	0.123	-0.67	4.58

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80L)	5	6025	242T	2.11	2.82	0.123	2.6	3.23	0.123	2.17	2.7	0.123	2.90	8.96
		6185		2.14	2.87	0.123	2.43	3.18	0.123	2.16	2.86	0.123	1.06	7.01
		6345		2.13	2.90	0.123	2.59	2.73	0.123	2.08	2.58	0.123	1.06	6.85
	6	6505		1.85	1.98	0.123	3.10	3.07	0.123	1.85	1.98	0.123	1.06	7.28
	7	6665		0.44	1.63	0.123	1.24	1.94	0.123	0.65	1.92	0.123	1.73	6.47
		6825		0.29	1.67	0.123	0.58	1.91	0.123	0.08	1.39	0.123	1.73	6.16
	8	6985		-0.02	0.96	0.123	0.98	2.06	0.123	-0.22	1.06	0.123	-0.67	4.02

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S61			RU Index S62			RU Index S64				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80H)	5	6025	242T	2.11	3.00	0.123	1.82	2.66	0.123	2.35	3.06	0.123	2.90	8.75
		6185		2.15	2.64	0.123	2.21	2.67	0.123	2.51	2.65	0.123	1.06	6.77
		6345		2.09	2.44	0.123	2.32	2.55	0.123	2.58	2.80	0.123	1.06	6.88
	6	6505		1.93	2.14	0.123	2.62	2.73	0.123	2.19	2.79	0.123	1.06	6.87
	7	6665		0.03	1.56	0.123	0.16	1.58	0.123	-0.03	1.92	0.123	1.73	5.92
		6825		0.30	1.67	0.123	0.90	1.78	0.123	0.35	1.38	0.123	1.73	6.23
	8	6985		-0.03	1.06	0.123	0.77	1.81	0.123	0.22	1.02	0.123	-0.67	3.78

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = 10 log[$(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}$] dBi
Directional gain:
5925MHz: Directional gain = 10 log[$(10^{2.9/10} + 10^{2.9/10})/2$]= 2.90dBi
6425MHz: Directional gain = 10 log[$(10^{0.7/10} + 10^{1.4/10})/2$]= 1.06dBi
6825MHz: Directional gain =10 log[$(10^{0.3/10} + 10^{2.8/10})/2$]= 1.73dBi
7125MHz: Directional gain = 10 log[$(10^{-3.4/10} + 10^{1.0/10})/2$]= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Tones: 484T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm) RU Index 65 AUX	Average Conducted Output power (dBm) RU Index 65 Main	Average Conducted Output power (dBm) RU Index 65 Duty Cycle Factor (dB) 10log(1/X) Note 3	Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
802.11ax-HE40	5	5965	484T	5.97	5.94	N/A	2.90	11.87
		6165		5.70	5.80	N/A	2.90	11.66
		6405		5.56	5.69	N/A	1.06	9.70
	6	6445		5.67	5.85	N/A	1.06	9.83
		6485		5.74	5.81	N/A	1.06	9.85
	7	6525		5.82	5.70	N/A	1.06	9.83
		6685		5.09	5.37	N/A	1.73	9.97
		6845		5.02	5.04	N/A	1.73	9.77
	8	6885		5.17	5.30	N/A	1.73	9.98
		7005		4.86	5.17	N/A	-0.67	7.36
		7085		5.19	5.29	N/A	-0.67	7.58

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm) RU Index 65 AUX	RU Index 65 Main	RU Index 65 Duty Cycle Factor (dB) 10log(1/X) Note 3	RU Index 66 AUX	RU Index 66 Main	RU Index 66 Duty Cycle Factor (dB) 10log(1/X) Note 3	Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
802.11ax-HE80	5	5985	484T	5.97	5.80	N/A	5.89	5.74	N/A	2.90	11.80
		6145		5.75	5.57	N/A	5.87	5.48	N/A	2.90	11.59
		6385		5.35	5.65	N/A	5.7	5.77	N/A	1.06	9.81
	6	6465		5.95	5.54	N/A	5.87	5.58	N/A	1.06	9.82
		6545		5.47	6.08	N/A	5.59	5.77	N/A	1.06	9.86
	7	6625		4.88	5.03	N/A	4.76	4.78	N/A	1.73	9.70
		6705		4.78	4.88	N/A	4.95	5.06	N/A	1.73	9.75
		6785		4.54	4.78	N/A	4.77	4.98	N/A	1.73	9.62
	8	6865		4.42	4.78	N/A	5.06	4.77	N/A	1.73	9.66
		6945		4.86	5.00	N/A	4.87	4.90	N/A	1.73	9.67
		7025		4.44	5.02	N/A	4.81	4.85	N/A	-0.67	7.17

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$ dBi
Directional gain:
5925MHz: Directional gain = $10 \log[(10^{2.9/10} + 10^{2.9/10})/2]$= 2.90dBi
6425MHz: Directional gain = $10 \log[(10^{0.7/10} + 10^{1.4/10})/2]$= 1.06dBi
6825MHz: Directional gain =$10 \log[(10^{0.3/10} + 10^{2.8/10})/2]$= 1.73dBi
7125MHz: Directional gain = $10 \log[(10^{-3.4/10} + 10^{1.0/10})/2]$= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80L)	5	6025	484T	5.45	5.74	N/A	5.37	5.51	N/A	2.90	11.51
		6185		5.48	5.45	N/A	5.42	5.44	N/A	1.06	9.54
		6345		5.44	5.32	N/A	5.29	5.25	N/A	1.06	9.45
	6	6505		5.59	5.38	N/A	5.68	5.91	N/A	1.06	9.87
	7	6665		4.53	4.67	N/A	3.96	4.66	N/A	1.73	9.34
		6825		4.06	4.80	N/A	4.12	4.70	N/A	1.73	9.19
	8	6985		4.60	4.88	N/A	4.28	4.86	N/A	-0.67	7.08

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S65			RU Index S66				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80H)	5	6025	484T	5.23	5.49	N/A	5.34	5.47	N/A	2.90	11.32
		6185		5.03	5.59	N/A	5.10	5.27	N/A	1.06	9.39
		6345		5.24	5.15	N/A	5.27	5.25	N/A	1.06	9.33
	6	6505		5.42	5.71	N/A	5.37	5.66	N/A	1.06	9.64
	7	6665		4.56	4.67	N/A	4.17	4.82	N/A	1.73	9.36
		6825		4.08	4.74	N/A	4.63	4.95	N/A	1.73	9.53
	8	6985		4.37	4.78	N/A	4.38	4.67	N/A	-0.67	6.92

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + … + $10^{GN/10}$)/N_{ANT}] dBi
Directional gain:
5925MHz: Directional gain = 10 log[($10^{2.9/10}$ +$10^{2.9/10}$)/2]= 2.90dBi
6425MHz: Directional gain = 10 log[($10^{0.7/10}$ +$10^{1.4/10}$)/2]= 1.06dBi
6825MHz: Directional gain =10 log[($10^{0.3/10}$ +$10^{2.8/10}$)/2]= 1.73dBi
7125MHz: Directional gain = 10 log[($10^{-3.4/10}$ +$10^{1.0/10}$)/2]= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Tones: 996T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 67				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	996T	7.51	7.04	0.132	2.90	13.32
		6145		7.13	7.00	0.132	2.90	13.11
		6385		7.10	6.91	0.132	1.06	11.21
	6	6465		7.03	6.85	0.132	1.06	11.14
		6545		7.20	6.90	0.132	1.06	11.25
	7	6625		6.47	6.31	0.132	1.73	11.26
		6705		6.49	6.38	0.132	1.73	11.31
		6785		6.41	6.13	0.132	1.73	11.14
	8	6865		6.36	6.10	0.132	1.73	11.10
		6945		6.40	6.13	0.132	1.73	11.14
		7025		6.44	6.17	0.132	-0.67	8.78

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 67			RU Index S67				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160	5	6025	996T	7.61	7.18	0.132	7.65	7.04	0.132	2.90	13.44
		6185		7.49	7.27	0.132	7.89	7.44	0.132	1.06	11.87
		6345		7.71	7.53	0.132	7.50	7.11	0.132	1.06	11.82
	6	6505		7.13	6.96	0.132	7.23	6.87	0.132	1.06	11.26
	7	6665		6.76	6.53	0.132	6.93	6.53	0.132	1.73	11.61
		6825		6.63	6.22	0.132	6.38	6.03	0.132	1.73	11.30
	8	6985		6.50	6.20	0.132	6.5	6.00	0.132	-0.67	8.82

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]
2. EIRP limit is 24dBm
3. Duty cycle factor is not applicable for duty cycle > 98%.
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + … + $10^{GN/10}$)/N_{ANT}] dBi
Directional gain:
5925MHz: Directional gain = 10 log[($10^{2.9/10}$ +$10^{2.9/10}$)/2]= 2.90dBi
6425MHz: Directional gain = 10 log[($10^{0.7/10}$ +$10^{1.4/10}$)/2]= 1.06dBi
6825MHz: Directional gain =10 log[($10^{0.3/10}$ +$10^{2.8/10}$)/2]= 1.73dBi
7125MHz: Directional gain = 10 log[($10^{-3.4/10}$ +$10^{1.0/10}$)/2]= -0.67dBi
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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