

A.4 MAXIMUM CONDUCTED OUTPUT POWER

Test Date	2022/02/08~22	Temp./Hum.	16~17°C/71~72%
Cable Loss	1.72dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.4.1 Conducted Output Power Result

- OFDM Modulation

SKU #1 (with INPAQ Antenna)

Mode	U-NII Band	Centre Frequency (MHz)	Average Conducted Output Power (dBm)		Duty Cycle Factor [10log(1/x)] Note 3	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P. Note 2		Limit (dBm)
			ANT A (AUX)	ANT B (Main)			(dBm)	(W)	
802.11ax-HE20	5	5955	1.86	2.22	N/A	5.13	10.18	0.010	24
		6175	1.74	2.03		5.13	10.03	0.010	
		6415	1.66	1.93		5.10	9.91	0.010	
	6	6435	1.66	0.81		5.10	9.37	0.009	
		6475	1.28	0.81		5.10	9.16	0.008	
		6515	1.31	0.79		5.10	9.17	0.008	
	7	6535	-1.58	-1.46		5.10	6.59	0.005	
		6695	-1.51	-1.14		5.10	6.79	0.005	
		6855	-0.82	-1.39		4.86	6.77	0.005	
	8	6875	-0.15	0.19		4.86	7.89	0.006	
		6995	-0.06	0.02		4.86	7.85	0.006	
		7115	-5.35	-5.88		4.86	2.26	0.002	
802.11ax-HE40	5	5965	5.12	4.58	N/A	5.13	13.00	0.020	24
		6165	4.97	4.26		5.13	12.77	0.019	
		6405	5.16	4.24		5.10	12.83	0.019	
	6	6445	5.01	4.25		5.10	12.76	0.019	
		6485	4.79	4.12		5.10	12.58	0.018	
		6525	4.73	4.53		5.10	12.74	0.019	
	7	6685	4.09	3.81		5.10	12.06	0.016	
		6845	4.09	3.68		4.86	11.76	0.015	
		6885	4.04	3.56		4.86	11.68	0.015	
	8	7005	3.97	3.49		4.86	11.61	0.014	
		7085	4.00	3.44		4.86	11.60	0.014	
		7085	4.00	3.44		4.86	11.60	0.014	
802.11ax-HE80	5	5985	7.05	7.42	N/A	5.13	15.38	0.035	24
		6145	7.06	6.96		5.13	15.15	0.033	
		6385	5.89	7.30		5.10	14.76	0.030	
	6	6465	6.09	7.09		5.10	14.73	0.030	
		6545	5.89	6.66		5.10	14.40	0.028	
		6625	6.11	5.12		5.10	13.75	0.024	
	7	6705	6.06	5.09		5.10	13.71	0.023	
		6785	6.16	5.21		5.10	13.82	0.024	
		6865	6.54	5.65		4.86	13.99	0.025	
	8	6945	6.64	5.55		4.86	14.00	0.025	
		7025	6.45	5.68		4.86	13.95	0.025	
		7025	6.45	5.68		4.86	13.95	0.025	
802.11ax-HE160	5	6025	9.77	10.32	N/A	5.13	18.19	0.066	24
		6185	9.97	9.94		5.13	18.10	0.065	
		6345	10.23	10.56		5.10	18.51	0.071	
	6	6505	10.06	10.13		5.10	18.21	0.066	
		6665	8.91	8.38		5.10	16.76	0.047	
		6825	9.16	8.94		5.10	17.16	0.052	
	8	6985	9.43	9.11		4.86	17.14	0.052	
		6985	9.43	9.11		4.86	17.14	0.052	

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

2. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

Directional gain:

5925MHz: $10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13$ dBi

6525MHz: $10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10$ dBi

7125MHz: $10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86$ 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).

SKU #2 (with LUXSHARE-ICT Antenna)

Mode	U-NII Band	Centre Frequency (MHz)	Average Conducted Output Power (dBm)		Duty Cycle Factor [10log(1/x)] Note 3	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P ^{Note 2}		Limit (dBm)
			ANT A (AUX)	ANT B (Main)			(dBm)	(W)	
802.11ax-HE20	5	5955	1.86	2.22	N/A	1.95	7.00	0.005	24
		6175	1.74	2.03		1.95	6.85	0.005	
		6415	1.66	1.93		1.60	6.41	0.004	
	6	6435	1.66	0.81		1.60	5.87	0.004	
		6475	1.28	0.81		1.60	5.66	0.004	
		6515	1.31	0.79		1.60	5.67	0.004	
	7	6535	-1.58	-1.46		1.60	3.09	0.002	
		6695	-1.51	-1.14		1.60	3.29	0.002	
		6855	-0.82	-1.39		2.83	4.74	0.003	
	8	6875	-0.15	0.19		2.83	5.86	0.004	
		6995	-0.06	0.02		2.83	5.82	0.004	
		7115	-5.35	-5.88		2.83	0.23	0.001	
802.11ax-HE40	5	5965	5.12	4.58	N/A	1.95	9.82	0.010	24
		6165	4.97	4.26		1.95	9.59	0.009	
		6405	5.16	4.24		1.60	9.33	0.009	
	6	6445	5.01	4.25		1.60	9.26	0.008	
		6485	4.79	4.12		1.60	9.08	0.008	
		6525	4.73	4.53		1.60	9.24	0.008	
	7	6685	4.09	3.81		1.60	8.56	0.007	
		6845	4.09	3.68		2.83	9.73	0.009	
		6885	4.04	3.56		2.83	9.65	0.009	
	8	7005	3.97	3.49		2.83	9.58	0.009	
		7085	4.00	3.44		2.83	9.57	0.009	
		5985	7.05	7.42		N/A	1.95	12.20	
5	6145	7.06	6.96	1.95	11.97		0.016		
	6385	5.89	7.30	1.60	11.26		0.013		
	6	6465	6.09	7.09	1.60		11.23	0.013	
6545		5.89	6.66	1.60	10.90		0.012		
6625		6.11	5.12	1.60	10.25		0.011		
7	6705	6.06	5.09	1.60	10.21		0.010		
	6785	6.16	5.21	1.60	10.32		0.011		
	6865	6.54	5.65	2.83	11.96		0.016		
8	6945	6.64	5.55	2.83	11.97		0.016		
	7025	6.45	5.68	2.83	11.92		0.016		
	6025	9.77	10.32	N/A	1.95		15.01	0.032	24
5	6185	9.97	9.94		1.95	14.92	0.031		
	6345	10.23	10.56		1.60	15.01	0.032		
	6505	10.06	10.13		1.60	14.71	0.030		
7	6665	8.91	8.38		1.60	13.26	0.021		
	6825	9.16	8.94		1.60	13.66	0.023		
	6985	9.43	9.11		2.83	15.11	0.032		

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

2. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

Directional gain:

5925MHz: $10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95$ dBi

6525MHz: $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$ dBi

7125MHz: $10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83$ 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).

● OFDMA Modulation

SKU #1 (with INPAQ Antenna)

Tones: 26T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)										Max EIRP (dBm)		
				RU Index 0				RU Index 4				RU Index 8				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)		Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3
802.11ax-HE20	5	5955	26T	-7.40	-6.01	5.13	1.49	-7.38	-6.07	5.13	1.46	-7.58	-6.40	5.13	1.19	1.49
		6175		-7.58	-6.44	5.13	1.17	-7.05	-6.52	5.13	1.36	-7.10	-6.63	5.13	1.28	1.36
		6415		-8.74	-7.26	5.10	0.17	-8.03	-7.30	5.10	0.46	-8.48	-7.72	5.10	0.03	0.46
	6	6435		-8.91	-7.46	5.10	-0.01	-8.29	-6.95	5.10	0.54	-8.67	-7.49	5.10	0.07	0.54
		6475		-9.29	-7.09	5.10	0.06	-8.78	-7.03	5.10	0.29	-8.42	-7.82	5.10	0.00	0.29
		6515		-9.22	-7.18	5.10	0.03	-8.80	-7.62	5.10	-0.06	-9.01	-7.96	5.10	-0.34	0.03
	7	6535		-9.37	-8.14	5.10	-0.60	-9.24	-7.57	5.10	-0.21	-9.26	-7.90	5.10	-0.42	-0.21
		6695		-8.30	-7.24	5.10	0.37	-7.86	-7.03	5.10	0.69	-8.60	-7.84	5.10	-0.09	0.69
		6855		-7.52	-7.42	4.86	0.40	-7.45	-7.08	4.86	0.61	-7.80	-7.46	4.86	0.24	0.61
	8	6875		-7.77	-7.30	4.86	0.34	-7.68	-7.10	4.86	0.49	-8.45	-7.86	4.86	-0.27	0.49
		6995		-7.42	-6.39	4.86	1.00	-7.24	-6.31	4.86	1.12	-7.56	-6.96	4.86	0.62	1.12
		7115		-8.12	-8.54	4.86	-0.45	-8.06	-7.76	4.86	-0.04	-8.27	-7.60	4.86	-0.05	-0.04

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)										Max EIRP (dBm)		
				RU Index 0				RU Index 8				RU Index 17				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)		Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3
802.11ax-HE40	5	5965	26T	-7.36	-7.18	5.13	0.87	-7.48	-7.12	5.13	0.84	-7.43	-7.33	5.13	0.76	0.87
		6165		-7.96	-7.06	5.13	0.65	-7.96	-7.03	5.13	0.67	-7.85	-7.27	5.13	0.59	0.67
		6405		-8.57	-8.19	5.10	-0.27	-9.05	-8.18	5.10	-0.48	-8.63	-8.25	5.10	-0.33	-0.27
	6	6445		-8.60	-8.01	5.10	-0.18	-8.22	-8.29	5.10	-0.14	-8.32	-8.34	5.10	-0.22	-0.14
		6485		-8.58	-8.08	5.10	-0.21	-8.79	-8.02	5.10	-0.28	-8.70	-8.29	5.10	-0.38	-0.21
		6525		-8.73	-8.21	5.10	-0.35	-8.54	-8.28	5.10	-0.30	-8.44	-8.67	5.10	-0.44	-0.30
	7	6685		-9.54	-9.11	5.10	-1.21	-9.44	-8.98	5.10	-1.09	-9.49	-9.08	5.10	-1.17	-1.09
		6845		-9.08	-8.29	4.86	-0.80	-9.51	-8.33	4.86	-1.01	-9.06	-8.51	4.86	-0.91	-0.80
		6885		-9.09	-8.66	4.86	-1.00	-9.05	-8.68	4.86	-0.99	-9.23	-8.81	4.86	-1.14	-0.99
	8	7005		-8.28	-8.59	4.86	-0.56	-8.40	-8.63	4.86	-0.64	-8.50	-8.15	4.86	-0.45	-0.45
		7085		-8.63	-8.12	4.86	-0.50	-8.81	-8.57	4.86	-0.82	-8.79	-7.64	4.86	-0.31	-0.31

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)										Max EIRP (dBm)		
				RU Index 0				RU Index 18				RU Index 36				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)		Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3
802.11ax-HE80	5	5985	26T	-7.69	-7.16	5.13	0.72	-7.44	-6.68	5.13	1.10	-7.75	-7.67	5.13	0.43	1.10
		6145		-8.15	-8.17	5.13	-0.02	-7.16	-7.29	5.13	0.92	-8.63	-7.90	5.13	-0.11	0.92
		6385		-8.16	-7.73	5.10	0.17	-7.61	-7.46	5.10	0.58	-8.87	-8.32	5.10	-0.48	0.58
	6	6465		-8.15	-8.41	5.10	-0.17	-7.72	-7.18	5.10	0.67	-8.61	-8.10	5.10	-0.24	0.67
		6545		-8.97	-8.54	5.10	-0.64	-8.37	-8.00	5.10	-0.07	-9.29	-9.02	5.10	-1.04	-0.07
		6625		-9.70	-9.04	5.10	-1.25	-9.23	-8.33	5.10	-0.65	-9.76	-8.70	5.10	-1.09	-0.65
	7	6705		-9.44	-8.98	5.10	-1.09	-8.82	-8.15	5.10	-0.36	-9.61	-8.69	5.10	-1.02	-0.36
		6785		-8.61	-8.69	5.10	-0.54	-8.38	-7.92	5.10	-0.03	-8.93	-8.13	5.10	-0.40	-0.03
		6865		-8.78	-8.28	4.86	-0.65	-8.04	-7.69	4.86	0.01	-9.15	-8.29	4.86	-0.83	0.01
	8	6945		-8.46	-7.35	4.86	0.00	-7.00	-6.70	4.86	1.02	-8.40	-7.43	4.86	-0.02	1.02
		7025		-8.58	-7.59	4.86	-0.19	-7.71	-7.23	4.86	0.41	-8.59	-8.29	4.86	-0.57	0.41

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

5925MHz: $10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13$ dBi

6525MHz: $10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10$ dBi

7125MHz: $10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86$ 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).

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 0				RU Index 18				RU Index 36				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	26T	-8.61	-8.09	5.13	-0.20	-6.76	-7.12	5.13	1.20	-7.05	-6.80	5.13	1.22	1.22
		6185		-8.86	-8.97	5.13	-0.77	-7.07	-7.62	5.13	0.80	-7.79	-7.27	5.13	0.62	0.80
		6345		-9.31	-8.86	5.10	-0.97	-7.74	-7.99	5.10	0.25	-8.42	-7.65	5.10	0.09	0.25
	6	6505		-9.49	-9.24	5.10	-1.25	-8.57	-8.12	5.10	-0.23	-7.97	-7.69	5.10	0.28	0.28
	7	6665		-11.31	-10.61	5.10	-2.84	-9.52	-9.52	5.10	-1.41	-9.32	-8.76	5.10	-0.92	-0.92
		6825		-10.41	-10.12	5.10	-2.15	-8.66	-8.43	5.10	-0.43	-8.48	-8.55	5.10	-0.40	-0.40
	8	6985		-9.02	-8.59	4.86	-0.93	-8.07	-7.39	4.86	0.15	-8.72	-7.51	4.86	-0.20	0.15

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S0				RU Index S18				RU Index S36				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	26T	-7.10	-7.52	5.13	0.84	-6.79	-7.32	5.13	1.09	-8.93	-8.54	5.13	-0.59	1.09
		6185		-7.53	-7.51	5.13	0.62	-7.09	-7.34	5.13	0.93	-9.21	-8.75	5.13	-0.83	0.93
		6345		-8.25	-7.59	5.10	0.20	-8.24	-8.15	5.10	-0.08	-10.16	-9.53	5.10	-1.72	0.20
	6	6505		-8.19	-8.32	5.10	-0.14	-9.28	-8.99	5.10	-1.02	-10.82	-10.28	5.10	-2.43	-0.14
	7	6665		-9.26	-8.76	5.10	-0.89	-9.91	-9.53	5.10	-1.61	-10.74	-10.88	5.10	-2.70	-0.89
		6825		-8.33	-8.10	5.10	-0.10	-8.27	-8.39	5.10	-0.22	-9.89	-9.82	5.10	-1.74	-0.10
	8	6985		-7.46	-7.22	4.86	0.53	-8.25	-7.98	4.86	-0.24	-9.64	-9.10	4.86	-1.49	0.53

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 52T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 39				RU Index 40				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE20	5	5955	52T	-3.65	-3.22	5.13	4.71	-3.11	-3.08	5.13	5.05	-3.52	-3.33	5.13	4.72	5.05
		6175		-5.31	-3.90	5.13	3.59	-4.87	-4.71	5.13	3.35	-3.82	-4.16	5.13	4.15	4.15
		6415		-7.65	-6.03	5.10	1.35	-7.32	-5.80	5.10	1.62	-6.49	-5.47	5.10	2.16	2.16
	6	6435		-7.89	-5.96	5.10	1.29	-7.24	-5.70	5.10	1.71	-6.87	-5.66	5.10	1.89	1.89
		6475		-8.23	-5.53	5.10	1.44	-8.20	-5.62	5.10	1.39	-6.94	-5.74	5.10	1.81	1.81
		6515		-8.38	-5.91	5.10	1.14	-8.36	-5.66	5.10	1.31	-6.03	-5.81	5.10	2.19	2.19
	7	6535		-8.84	-6.07	5.10	0.87	-9.32	-6.37	5.10	0.51	-7.24	-6.10	5.10	1.48	1.48
		6695		-7.32	-4.24	5.10	2.60	-7.42	-4.25	5.10	2.56	-5.82	-4.22	5.10	3.16	3.16
		6855		-4.10	-4.62	4.86	3.52	-3.96	-4.55	4.86	3.63	-5.49	-4.71	4.86	2.79	3.63
	8	6875		-4.03	-4.83	4.86	3.46	-3.81	-4.82	4.86	3.58	-5.93	-5.16	4.86	2.34	3.58
		6995		-3.20	-4.20	4.86	4.20	-3.25	-3.71	4.86	4.40	-5.13	-3.82	4.86	3.44	4.40
		7115		-5.74	-6.66	4.86	1.69	-5.11	-6.75	4.86	2.02	-8.33	-8.14	4.86	-0.36	2.02

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 40				RU Index 44				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE40	5	5965	52T	-4.27	-4.13	5.13	3.94	-4.27	-4.27	5.13	3.87	-4.12	-4.12	5.13	4.02	4.02
		6165		-4.88	-4.27	5.13	3.58	-4.92	-4.66	5.13	3.35	-4.51	-4.72	5.13	3.53	3.58
		6405		-5.43	-4.68	5.10	3.07	-5.57	-4.90	5.10	2.89	-5.86	-5.09	5.10	2.65	3.07
	6	6445		-5.44	-4.90	5.10	2.95	-5.51	-4.67	5.10	3.04	-5.81	-4.69	5.10	2.90	3.04
		6485		-6.21	-5.23	5.10	2.42	-6.20	-5.39	5.10	2.33	-6.06	-5.56	5.10	2.31	2.42
		6525		-6.56	-5.54	5.10	2.09	-6.19	-5.05	5.10	2.53	-6.31	-5.37	5.10	2.30	2.53
	7	6685		-7.25	-6.44	5.10	1.28	-7.05	-6.75	5.10	1.21	-7.29	-6.81	5.10	1.07	1.28
		6845		-5.85	-5.47	4.86	2.21	-6.28	-5.64	4.86	1.92	-5.97	-5.52	4.86	2.13	2.21
		6885		-6.10	-5.46	4.86	2.10	-6.28	-6.07	4.86	1.70	-6.31	-5.63	4.86	1.91	2.10
	8	7005		-5.40	-4.36	4.86	3.02	-5.31	-4.46	4.86	3.01	-5.73	-4.93	4.86	2.56	3.02
		7085		-4.89	-4.04	4.86	3.43	-4.90	-4.63	4.86	3.11	-5.05	-5.03	4.86	2.83	3.43

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 44				RU Index 52				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	52T	-4.67	-4.31	5.13	3.65	-4.36	-3.53	5.13	4.22	-4.98	-4.39	5.13	3.47	4.22
		6145		-5.03	-4.67	5.13	3.29	-4.38	-4.65	5.13	3.63	-5.09	-5.27	5.13	2.96	3.63
		6385		-6.14	-5.24	5.10	2.44	-6.02	-5.13	5.10	2.56	-6.36	-5.66	5.10	2.11	2.56
	6	6465		-6.06	-5.23	5.10	2.49	-5.44	-4.85	5.10	2.98	-6.81	-5.45	5.10	2.03	2.98
		6545		-6.48	-5.28	5.10	2.27	-6.47	-5.26	5.10	2.29	-7.12	-6.43	5.10	1.35	2.29
		6625		-7.20	-6.46	5.10	1.30	-6.63	-5.73	5.10	1.95	-7.30	-6.50	5.10	1.23	1.95
	7	6705		-7.52	-6.59	5.10	1.08	-6.94	-6.23	5.10	1.54	-7.32	-6.88	5.10	1.02	1.54
		6785		-6.31	-6.24	5.10	1.84	-5.73	-5.48	5.10	2.51	-6.24	-6.05	5.10	1.97	2.51
		6865		-6.62	-6.29	4.86	1.42	-5.95	-5.73	4.86	2.03	-6.84	-6.07	4.86	1.43	2.03
	8	6945		-5.18	-4.73	4.86	2.92	-4.70	-4.20	4.86	3.43	-5.59	-4.68	4.86	2.76	3.43
		7025		-5.58	-4.90	4.86	2.64	-5.24	-4.82	4.86	2.85	-6.32	-5.90	4.86	1.77	2.85

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 44				RU Index 52				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	52T	-6.20	-5.28	5.13	2.42	-4.40	-4.36	5.13	3.76	-4.08	-3.96	5.13	4.12	4.12
		6185		-6.18	-5.42	5.13	2.36	-4.91	-4.77	5.13	3.30	-4.09	-4.42	5.13	3.89	3.89
		6345		-6.89	-6.41	5.10	1.47	-5.64	-4.78	5.10	2.92	-5.08	-4.37	5.10	3.40	3.40
	6	6505		-7.59	-6.29	5.10	1.22	-6.28	-5.51	5.10	2.23	-5.68	-4.74	5.10	2.93	2.93
	7	6665		-9.23	-7.85	5.10	-0.38	-7.49	-6.34	5.10	1.23	-6.67	-6.03	5.10	1.77	1.77
		6825		-7.79	-7.61	5.10	0.41	-6.61	-6.41	5.10	1.60	-5.54	-5.28	5.10	2.70	2.70
	8	6985		-6.26	-5.75	4.86	1.87	-5.25	-4.64	4.86	2.94	-5.07	-4.36	4.86	3.17	3.17

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S37				RU Index S44				RU Index S52				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	52T	-4.41	-4.12	5.13	3.88	-4.49	-4.53	5.13	3.63	-6.09	-5.64	5.13	2.28	3.88
		6185		-4.20	-4.44	5.13	3.82	-5.17	-4.88	5.13	3.12	-6.59	-6.57	5.13	1.56	3.82
		6345		-5.46	-4.26	5.10	3.29	-6.24	-5.47	5.10	2.27	-8.20	-6.91	5.10	0.60	3.29
	6	6505		-5.64	-4.72	5.10	2.95	-6.45	-5.51	5.10	2.16	-8.64	-7.58	5.10	0.03	2.95
	7	6665		-7.00	-5.88	5.10	1.71	-7.52	-8.73	5.10	0.03	-8.72	-8.10	5.10	-0.29	1.71
		6825		-5.68	-5.34	5.10	2.60	-6.17	-5.77	5.10	2.14	-7.95	-7.07	5.10	0.62	2.60
	8	6985		-5.12	-4.46	4.86	3.09	-5.90	-4.98	4.86	2.45	-7.33	-6.84	4.86	0.79	3.09

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 106T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 53				RU Index 54				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE20	5	5955	106T	-0.32	-0.19	5.13	7.89	-0.45	-0.73	5.13	7.55	7.89
		6175		-1.09	-1.19	5.13	7.00	-1.66	-1.07	5.13	6.79	7.00
		6415		-3.32	-2.63	5.10	5.15	-2.90	-2.09	5.10	5.63	5.63
	6	6435		-2.49	-1.67	5.10	6.05	-2.47	-1.85	5.10	5.96	6.05
		6475		-2.82	-1.98	5.10	5.73	-2.42	-1.66	5.10	6.09	6.09
		6515		-2.94	-2.24	5.10	5.53	-3.07	-1.89	5.10	5.67	5.67
	7	6535		-3.86	-2.81	5.10	4.81	-3.76	-2.78	5.10	4.87	4.87
		6695		-3.29	-3.22	5.10	4.86	-3.71	-3.08	5.10	4.73	4.86
		6855		-2.92	-2.45	4.86	5.19	-2.49	-2.78	4.86	5.24	5.24
	8	6875		-2.96	-2.67	4.86	5.06	-2.65	-2.82	4.86	5.14	5.14
		6995		-2.17	-1.09	4.86	6.27	-2.02	-1.13	4.86	6.32	6.32
		7115		-1.82	-1.75	4.86	6.09	-8.22	-8.35	4.86	-0.41	6.09

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 53				RU Index 54				RU Index 56				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE40	5	5965	106T	-0.74	-0.45	5.13	7.55	-1.07	-0.40	5.13	7.42	-0.99	-0.56	5.13	7.37	7.55
		6165		-1.36	-1.34	5.13	6.79	-1.72	-1.07	5.13	6.76	-1.64	-1.25	5.13	6.70	6.79
		6405		-2.87	-1.97	5.10	5.71	-2.82	-2.17	5.10	5.63	-3.02	-2.09	5.10	5.58	5.71
	6	6445		-2.20	-1.83	5.10	6.10	-2.63	-1.74	5.10	5.95	-2.28	-1.85	5.10	6.05	6.10
		6485		-2.35	-2.03	5.10	5.92	-2.41	-2.17	5.10	5.82	-2.44	-1.61	5.10	6.11	6.11
		6525		-2.86	-1.79	5.10	5.82	-2.75	-2.34	5.10	5.57	-2.97	-2.03	5.10	5.64	5.82
	7	6685		-3.15	-3.22	5.10	4.93	-3.07	-3.28	5.10	4.94	-3.82	-3.17	5.10	4.63	4.94
		6845		-2.56	-2.35	4.86	5.42	-2.28	-2.29	4.86	5.59	-2.73	-2.67	4.86	5.17	5.59
		6885		-2.32	-2.47	4.86	5.48	-2.85	-2.42	4.86	5.24	-2.58	-2.71	4.86	5.23	5.48
	8	7005		-1.85	-1.20	4.86	6.36	-1.99	-1.01	4.86	6.40	-2.30	-1.23	4.86	6.14	6.40
		7085		-1.15	-0.95	4.86	6.82	-1.43	-0.79	4.86	6.77	-1.60	-1.19	4.86	6.48	6.82

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 53				RU Index 56				RU Index 60				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	106T	-0.93	-1.06	5.13	7.15	-0.86	-0.93	5.13	7.25	-1.56	-1.40	5.13	6.66	7.25
		6145		-1.56	-1.73	5.13	6.50	-1.59	-1.24	5.13	6.73	-2.05	-1.66	5.13	6.29	6.73
		6385		-2.14	-1.96	5.10	6.06	-1.93	-1.32	5.10	6.50	-2.88	-2.17	5.10	5.60	6.06
	6	6465		-2.46	-2.21	5.10	5.78	-2.32	-1.32	5.10	6.32	-3.30	-1.98	5.10	5.52	6.32
		6545		-3.26	-1.92	5.10	5.57	-2.77	-2.06	5.10	5.71	-3.59	-3.00	5.10	4.83	5.71
		6625		-3.89	-2.83	5.10	4.78	-3.43	-2.94	5.10	4.93	-3.88	-3.09	5.10	4.64	4.93
	7	6705		-3.80	-3.47	5.10	4.48	-3.36	-2.87	5.10	5.00	-3.67	-3.34	5.10	4.61	5.00
		6785		-2.69	-2.59	5.10	5.47	-2.55	-2.61	5.10	5.53	-2.71	-2.73	5.10	5.39	5.53
		6865		-3.16	-2.94	4.86	4.82	-2.82	-2.51	4.86	5.21	-3.35	-2.68	4.86	4.87	5.21
	8	6945		-1.50	-1.18	4.86	6.53	-1.82	-0.65	4.86	6.67	-2.15	-1.45	4.86	6.08	6.67
		7025		-2.23	-1.97	4.86	5.77	-2.38	-1.38	4.86	6.02	-2.52	-2.08	4.86	5.58	6.02

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 53				RU Index 56				RU Index 60				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	106T	-2.09	-2.23	5.13	5.98	-1.72	-0.96	5.13	6.82	-0.50	-0.46	5.13	7.66	7.66
		6185		-2.37	-2.61	5.13	5.65	-1.82	-1.42	5.13	6.52	-1.26	-0.43	5.13	7.32	7.32
		6345		-3.21	-2.99	5.10	5.01	-2.35	-2.24	5.10	5.82	-1.72	-1.76	5.10	6.37	6.37
	6	6505		-4.05	-3.27	5.10	4.47	-3.25	-2.39	5.10	5.31	-2.61	-1.60	5.10	6.03	6.03
	7	6665		-5.09	-4.06	5.10	3.57	-3.83	-3.43	5.10	4.48	-3.64	-2.81	5.10	4.91	4.91
		6825		-4.35	-4.15	5.10	3.86	-3.30	-3.17	5.10	4.88	-2.42	-2.77	5.10	5.52	5.52
	8	6985		-2.98	-2.41	4.86	5.18	-2.51	-1.39	4.86	5.96	-1.54	-1.23	4.86	6.49	6.49

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S53				RU Index S56				RU Index S60				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	106T	-0.81	-0.65	5.13	7.41	-1.42	-1.01	5.13	6.93	-2.80	-2.50	5.13	5.49	7.41
		6185		-1.36	-1.02	5.13	6.95	-1.54	-1.61	5.13	6.57	-2.57	-3.14	5.13	5.29	6.95
		6345		-1.68	-1.36	5.10	6.59	-2.34	-2.18	5.10	5.85	-4.51	-3.60	5.10	4.08	6.59
	6	6505		-2.51	-2.08	5.10	5.82	-3.44	-2.30	5.10	5.28	-4.84	-4.36	5.10	3.52	5.82
	7	6665		-3.61	-3.28	5.10	4.67	-3.80	-3.09	5.10	4.68	-5.28	-4.61	5.10	3.18	4.68
		6825		-2.39	-2.66	5.10	5.59	-2.73	-2.85	5.10	5.32	-4.50	-4.14	5.10	3.79	5.59
	8	6985		-1.91	-1.10	4.86	6.38	-2.49	-1.69	4.86	5.80	-3.80	-3.38	4.86	4.29	6.38

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz}: 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz}: 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz}: 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 242T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)				Max EIRP (dBm)
				RU Index 61				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE20	5	5955	242T	2.07	1.37	5.13	9.87	9.87
		6175		1.57	1.31	5.13	9.58	9.58
		6415		2.00	1.03	5.10	9.65	9.65
	6	6435		1.55	0.86	5.10	9.33	9.33
		6475		1.23	0.48	5.10	8.98	8.98
		6515		1.07	0.79	5.10	9.04	9.04
	7	6535		-0.85	-0.34	5.10	7.52	7.52
		6695		-0.41	-0.85	5.10	7.49	7.49
		6855		-0.01	-0.15	4.86	7.79	7.79
	8	6875		-0.22	-0.31	4.86	7.61	7.61
		6995		0.72	0.82	4.86	8.64	8.64
		7115		-5.08	-4.92	4.86	2.87	2.87

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 61				RU Index 62				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE40	5	5965	242T	2.20	1.38	5.13	9.95	2.11	1.31	5.13	9.87	9.95
		6165		1.66	1.03	5.13	9.50	2.19	0.86	5.13	9.72	9.72
		6405		2.18	1.00	5.10	9.74	2.01	1.59	5.10	9.92	9.92
	6	6445		1.30	0.47	5.10	9.02	1.31	0.46	5.10	9.02	9.02
		6485		1.57	0.51	5.10	9.18	1.66	0.65	5.10	9.29	9.29
		6525		1.45	0.81	5.10	9.25	2.16	1.45	5.10	9.93	9.93
	7	6685		-0.75	-0.44	5.10	7.52	-0.59	-1.09	5.10	7.28	7.52
		6845		0.49	0.01	4.86	8.13	0.28	-0.08	4.86	7.97	8.13
		6885		0.23	-0.04	4.86	7.97	-0.18	0.26	4.86	7.92	7.97
	8	7005		0.41	1.44	4.86	8.83	0.87	1.12	4.86	8.87	8.87
		7085		1.20	1.40	4.86	9.17	1.42	1.19	4.86	9.18	9.18

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 61				RU Index 62				RU Index 64				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	242T	2.10	1.98	5.13	10.18	2.21	1.46	5.13	9.99	1.73	0.98	5.13	9.51	10.18
		6145		1.87	1.14	5.13	9.66	2.00	1.85	5.13	10.07	1.99	1.16	5.13	9.74	10.07
		6385		1.96	1.53	5.10	9.86	2.61	1.99	5.10	10.42	1.92	1.29	5.10	9.73	10.42
	6	6465		1.82	1.06	5.10	9.57	2.19	1.20	5.10	9.83	1.61	1.10	5.10	9.47	9.83
		6545		1.11	0.56	5.10	8.95	1.77	1.31	5.10	9.66	1.92	1.46	5.10	9.81	9.81
		6625		-0.96	-0.87	5.10	7.20	-0.54	-0.34	5.10	7.67	-1.01	-0.73	5.10	7.24	7.67
	7	6705		-1.09	-1.09	5.10	7.02	-0.24	-0.58	5.10	7.70	-1.14	-1.19	5.10	6.95	7.70
		6785		0.26	-0.07	5.10	8.21	0.64	-0.10	5.10	8.40	0.32	-0.26	5.10	8.15	8.40
		6865		-0.08	-0.49	4.86	7.59	0.42	-0.10	4.86	8.04	0.15	-0.40	4.86	7.75	8.04
	8	6945		0.80	1.34	4.86	8.95	1.62	1.65	4.86	9.51	0.98	1.48	4.86	9.11	9.51
		7025		0.41	1.00	4.86	8.59	0.33	1.21	4.86	8.66	0.36	0.47	4.86	8.29	8.66

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 61				RU Index 62				RU Index 64				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	242T	2.48	1.34	5.13	10.09	2.74	1.85	5.13	10.46	2.02	1.57	5.13	9.94	10.46
		6185		1.82	1.37	5.13	9.74	2.29	1.61	5.13	10.10	1.79	1.60	5.13	9.84	10.10
		6345		2.25	1.92	5.10	10.20	1.89	2.35	5.10	10.24	1.74	1.69	5.10	9.83	10.24
	6	6505		1.57	0.62	5.10	9.23	2.81	2.10	5.10	10.58	1.45	1.29	5.10	9.48	10.58
	7	6665		-1.31	-1.05	5.10	6.93	-0.33	0.22	5.10	8.06	0.11	0.81	5.10	8.58	8.58
		6825		-0.15	-0.17	5.10	7.95	0.59	0.64	5.10	8.73	1.42	1.56	5.10	9.60	9.60
	8	6985		0.47	1.09	4.86	8.66	1.13	1.52	4.86	9.20	1.65	2.56	4.86	10.00	10.00

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S61				RU Index S62				RU Index S64				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	242T	2.22	1.18	5.13	9.87	2.01	1.28	5.13	9.80	2.20	1.47	5.13	9.99	9.99
		6185		2.09	1.26	5.13	9.84	2.12	1.39	5.13	9.91	1.76	1.19	5.13	9.62	9.91
		6345		2.22	1.59	5.10	10.03	1.96	1.31	5.10	9.76	2.19	1.75	5.10	10.09	10.09
	6	6505		1.77	1.25	5.10	9.63	2.36	1.19	5.10	9.92	2.39	1.71	5.10	10.17	10.17
	7	6665		0.41	0.40	5.10	8.52	0.38	0.70	5.10	8.65	-0.71	-0.56	5.10	7.48	8.65
		6825		1.51	1.32	5.10	9.53	1.23	0.89	5.10	9.17	-0.36	0.04	5.10	7.95	9.53
	8	6985		2.93	2.06	4.86	10.39	2.20	2.76	4.86	10.36	0.48	1.15	4.86	8.70	10.39

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz}: 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz}: 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz}: 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 484T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)				Max EIRP (dBm)	
				RU Index 65					
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3		
802.11ax-HE40	5	5965	484T	4.99	4.85	5.13	13.06	13.06	
		6165		5.15	4.70	5.13	13.07	13.07	
		6405		4.77	4.42	5.10	12.71	12.71	
	6	6445		5.28	4.30	5.10	12.93	12.93	
		6485		4.98	4.39	5.10	12.81	12.81	
		6525		5.17	4.38	5.10	12.90	12.90	
	7	6685		4.15	3.96	5.10	12.17	12.17	
		6845		4.72	3.67	4.86	12.10	12.10	
		6885		4.72	3.90	4.86	12.20	12.20	
		7005		4.42	4.03	4.86	12.10	12.10	
		8		7085	4.46	3.86	4.86	12.04	12.04

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 65				RU Index 66				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	484T	5.53	4.52	5.13	13.19	5.04	4.37	5.13	12.86	13.19
		6145		4.76	4.38	5.13	12.71	4.84	5.02	5.13	13.07	13.07
		6385		4.96	4.76	5.10	12.97	5.20	4.53	5.10	12.99	12.99
	6	6465		5.02	4.54	5.10	12.90	5.09	4.37	5.10	12.86	12.90
		6545		5.34	4.36	5.10	12.99	5.23	4.99	5.10	13.22	13.22
		6625		4.65	3.58	5.10	12.26	4.16	3.62	5.10	12.01	12.26
	7	6705		4.50	3.56	5.10	12.17	4.32	3.74	5.10	12.15	12.17
		6785		4.11	3.54	5.10	11.94	4.03	3.34	5.10	11.81	11.94
		6865		4.79	3.94	4.86	12.26	4.73	3.54	4.86	12.05	12.26
	8	6945		4.76	3.77	4.86	12.16	4.50	3.28	4.86	11.80	12.16
		7025		4.32	3.56	4.86	11.83	4.46	3.77	4.86	12.00	12.00

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 65				RU Index 66				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	484T	5.27	5.09	5.13	13.32	5.34	5.01	5.13	13.32	13.32
		6185		5.22	4.67	5.13	13.09	5.42	4.70	5.13	13.22	13.22
		6345		5.12	4.63	5.10	12.99	5.68	4.83	5.10	13.39	13.39
	6	6505		5.30	4.46	5.10	13.01	5.05	4.41	5.10	12.85	13.01
		6665		5.00	4.29	5.10	12.77	4.86	4.34	5.10	12.72	12.77
	7	6825		4.16	3.67	5.10	12.03	4.44	3.88	5.10	12.28	12.28
		6985		4.64	3.80	4.86	12.11	4.75	3.79	4.86	12.17	12.17

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index S65				RU Index S66				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	484T	4.92	4.70	5.13	12.95	4.94	4.30	5.13	12.77	12.95
		6185		5.20	4.61	5.13	13.06	5.31	4.88	5.13	13.24	13.24
		6345		5.01	4.82	5.10	13.03	5.21	4.51	5.10	12.98	13.03
	6	6505		5.31	4.69	5.10	13.12	5.34	5.11	5.10	13.34	13.34
		6665		4.32	3.86	5.10	12.21	4.04	3.74	5.10	12.00	12.21
	7	6825		4.46	3.76	5.10	12.23	4.43	4.15	5.10	12.40	12.40
		6985		4.32	3.84	4.86	11.96	4.65	4.18	4.86	12.29	12.29

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 996T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)				Max EIRP (dBm)	
				RU Index 67					
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) <small>Note 4</small>	Total E.I.R.P <small>Note 3</small>		
802.11ax-HE80	5	5985	996T	6.87	5.60	5.13	14.42	14.42	
		6145		6.17	5.95	5.13	14.20	14.20	
		6385		6.97	7.06	5.10	15.13	15.13	
	6	6465		6.39	6.45	5.10	14.53	14.53	
		6545		6.19	6.87	5.10	14.65	14.65	
		6625		5.61	6.02	5.10	13.93	13.93	
	7	6705		5.17	5.66	5.10	13.53	13.53	
		6785		5.11	5.57	5.10	13.46	13.46	
		6865		6.76	5.27	4.86	13.95	13.95	
		6945		6.80	5.45	4.86	14.05	14.05	
		8		7025	6.72	5.79	4.86	14.15	14.15

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 67				RU Index S67				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) <small>Note 4</small>	Total E.I.R.P <small>Note 3</small>	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) <small>Note 4</small>	Total E.I.R.P <small>Note 3</small>	
802.11ax-HE160	5	6025	996T	6.89	7.58	5.13	15.39	6.17	7.63	5.13	15.10	15.39
		6185		6.41	5.93	5.13	14.32	6.74	6.26	5.13	14.65	14.65
		6345		6.80	6.72	5.10	14.87	7.15	7.21	5.10	15.29	15.29
	6	6505		6.49	6.78	5.10	14.75	6.46	6.74	5.10	14.71	14.75
		6665		5.57	6.41	5.10	14.12	5.16	5.83	5.10	13.62	14.12
	7	6825		5.22	5.57	5.10	13.51	5.00	5.51	5.10	13.37	13.51
		6985		5.02	5.75	4.86	13.27	5.04	6.00	4.86	13.42	13.42

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

5925MHz: $10 \log[(10^{5.6/10} + 10^{4.6/10})/2] = 5.13$ dBi

6525MHz: $10 \log[(10^{5.2/10} + 10^{5.0/10})/2] = 5.10$ dBi

7125MHz: $10 \log[(10^{5.1/10} + 10^{4.6/10})/2] = 4.86$ 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).

SKU #2 (with LUXSHARE-ICT Antenna)

Tones: 26T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)											Max EIRP (dBm)	
				RU Index 0				RU Index 4				RU Index 8				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4		Total E.I.R.P Note 3
802.11ax-HE20	5	5955	26T	-7.40	-6.01	1.95	-1.69	-7.38	-6.07	1.95	-1.72	-7.58	-6.40	1.95	-1.99	-1.69
		6175		-7.58	-6.44	1.95	-2.01	-7.05	-6.52	1.95	-1.82	-7.10	-6.63	1.95	-1.90	-1.82
		6415		-8.74	-7.26	1.60	-3.33	-8.03	-7.30	1.60	-3.04	-8.48	-7.72	1.60	-3.47	-3.04
	6	6435		-8.91	-7.46	1.60	-3.51	-8.29	-6.95	1.60	-2.96	-8.67	-7.49	1.60	-3.43	-2.96
		6475		-9.29	-7.09	1.60	-3.44	-8.78	-7.03	1.60	-3.21	-8.42	-7.82	1.60	-3.50	-3.21
		6515		-9.22	-7.18	1.60	-3.47	-8.80	-7.62	1.60	-3.56	-9.01	-7.96	1.60	-3.84	-3.47
	7	6535		-9.37	-8.14	1.60	-4.10	-9.24	-7.57	1.60	-3.71	-9.26	-7.90	1.60	-3.92	-3.71
		6695		-8.30	-7.24	1.60	-3.13	-7.86	-7.03	1.60	-2.81	-8.60	-7.84	1.60	-3.59	-2.81
		6855		-7.52	-7.42	2.83	-1.63	-7.45	-7.08	2.83	-1.42	-7.80	-7.46	2.83	-1.79	-1.42
	8	6875		-7.77	-7.30	2.83	-1.69	-7.68	-7.10	2.83	-1.54	-8.45	-7.86	2.83	-2.30	-1.54
		6995		-7.42	-6.39	2.83	-1.03	-7.24	-6.31	2.83	-0.91	-7.56	-6.96	2.83	-1.41	-0.91
		7115		-8.12	-8.54	2.83	-2.48	-8.06	-7.76	2.83	-2.07	-8.27	-7.60	2.83	-2.08	-2.07

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)											Max EIRP (dBm)	
				RU Index 0				RU Index 8				RU Index 17				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4		Total E.I.R.P Note 3
802.11ax-HE40	5	5965	26T	-7.36	-7.18	1.95	-2.31	-7.48	-7.12	1.95	-2.34	-7.43	-7.33	1.95	-2.42	-2.31
		6165		-7.96	-7.06	1.95	-2.53	-7.96	-7.03	1.95	-2.51	-7.85	-7.27	1.95	-2.59	-2.51
		6405		-8.57	-8.19	1.60	-3.77	-9.05	-8.18	1.60	-3.98	-8.63	-8.25	1.60	-3.83	-3.77
	6	6445		-8.60	-8.01	1.60	-3.68	-8.22	-8.29	1.60	-3.64	-8.32	-8.34	1.60	-3.72	-3.64
		6485		-8.58	-8.08	1.60	-3.71	-8.79	-8.02	1.60	-3.78	-8.70	-8.29	1.60	-3.88	-3.71
		6525		-8.73	-8.21	1.60	-3.85	-8.54	-8.28	1.60	-3.80	-8.44	-8.67	1.60	-3.94	-3.80
	7	6685		-9.54	-9.11	1.60	-4.71	-9.44	-8.98	1.60	-4.59	-9.49	-9.08	1.60	-4.67	-4.59
		6845		-9.08	-8.29	2.83	-2.83	-9.51	-8.33	2.83	-3.04	-9.06	-8.51	2.83	-2.94	-2.83
		6885		-9.09	-8.66	2.83	-3.03	-9.05	-8.68	2.83	-3.02	-9.23	-8.81	2.83	-3.17	-3.02
	8	7005		-8.28	-8.59	2.83	-2.59	-8.40	-8.63	2.83	-2.67	-8.50	-8.15	2.83	-2.48	-2.48
		7085		-8.63	-8.12	2.83	-2.53	-8.81	-8.57	2.83	-2.85	-8.79	-7.64	2.83	-2.34	-2.34

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)											Max EIRP (dBm)	
				RU Index 0				RU Index 18				RU Index 36				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4		Total E.I.R.P Note 3
802.11ax-HE80	5	5985	26T	-7.69	-7.16	1.95	-2.46	-7.44	-6.68	1.95	-2.08	-7.75	-7.67	1.95	-2.75	-2.08
		6145		-8.15	-8.17	1.95	-3.20	-7.16	-7.29	1.95	-2.26	-8.63	-7.90	1.95	-3.29	-2.26
		6385		-8.16	-7.73	1.60	-3.33	-7.61	-7.46	1.60	-2.92	-8.87	-8.32	1.60	-3.98	-2.92
	6	6465		-8.15	-8.41	1.60	-3.67	-7.72	-7.18	1.60	-2.83	-8.61	-8.10	1.60	-3.74	-2.83
		6545		-8.97	-8.54	1.60	-4.14	-8.37	-8.00	1.60	-3.57	-9.29	-9.02	1.60	-4.54	-3.57
		6625		-9.70	-9.04	1.60	-4.75	-9.23	-8.33	1.60	-4.15	-9.76	-8.70	1.60	-4.59	-4.15
	7	6705		-9.44	-8.98	1.60	-4.59	-8.82	-8.15	1.60	-3.86	-9.61	-8.69	1.60	-4.52	-3.86
		6785		-8.61	-8.69	1.60	-4.04	-8.38	-7.92	1.60	-3.53	-8.93	-8.13	1.60	-3.90	-3.53
		6865		-8.78	-8.28	2.83	-2.68	-8.04	-7.69	2.83	-2.02	-9.15	-8.29	2.83	-2.86	-2.02
	8	6945		-8.46	-7.35	2.83	-2.03	-7.00	-6.70	2.83	-1.01	-8.40	-7.43	2.83	-2.05	-1.01
		7025		-8.58	-7.59	2.83	-2.22	-7.71	-7.23	2.83	-1.62	-8.59	-8.29	2.83	-2.60	-1.62

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 0				RU Index 18				RU Index 36				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	26T	-8.61	-8.09	1.95	-3.38	-6.76	-7.12	1.95	-1.98	-7.05	-6.80	1.95	-1.96	-1.96
		6185		-8.86	-8.97	1.95	-3.95	-7.07	-7.62	1.95	-2.38	-7.79	-7.27	1.95	-2.56	-2.38
		6345		-9.31	-8.86	1.60	-4.47	-7.74	-7.99	1.60	-3.25	-8.42	-7.65	1.60	-3.41	-3.25
	6	6505		-9.49	-9.24	1.60	-4.75	-8.57	-8.12	1.60	-3.73	-7.97	-7.69	1.60	-3.22	-3.22
	7	6665		-11.31	-10.61	1.60	-6.34	-9.52	-9.52	1.60	-4.91	-9.32	-8.76	1.60	-4.42	-4.42
		6825		-10.41	-10.12	1.60	-5.65	-8.66	-8.43	1.60	-3.93	-8.48	-8.55	1.60	-3.90	-3.90
	8	6985		-9.02	-8.59	2.83	-2.96	-8.07	-7.39	2.83	-1.88	-8.72	-7.51	2.83	-2.23	-1.88

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S0				RU Index S18				RU Index S36				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	26T	-7.10	-7.52	1.95	-2.34	-6.79	-7.32	1.95	-2.09	-8.93	-8.54	1.95	-3.77	-2.09
		6185		-7.53	-7.51	1.95	-2.56	-7.09	-7.34	1.95	-2.25	-9.21	-8.75	1.95	-4.01	-2.25
		6345		-8.25	-7.59	1.60	-3.30	-8.24	-8.15	1.60	-3.58	-10.16	-9.53	1.60	-5.22	-3.30
	6	6505		-8.19	-8.32	1.60	-3.64	-9.28	-8.99	1.60	-4.52	-10.82	-10.28	1.60	-5.93	-3.64
	7	6665		-9.26	-8.76	1.60	-4.39	-9.91	-9.53	1.60	-5.11	-10.74	-10.88	1.60	-6.20	-4.39
		6825		-8.33	-8.10	1.60	-3.60	-8.27	-8.39	1.60	-3.72	-9.89	-9.82	1.60	-5.24	-3.60
	8	6985		-7.46	-7.22	2.83	-1.50	-8.25	-7.98	2.83	-2.27	-9.64	-9.10	2.83	-3.52	-1.50

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 52T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 39				RU Index 40				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE20	5	5955	52T	-3.65	-3.22	1.95	1.53	-3.11	-3.08	1.95	1.87	-3.52	-3.33	1.95	1.54	1.87
		6175		-5.31	-3.90	1.95	0.41	-4.87	-4.71	1.95	0.17	-3.82	-4.16	1.95	0.97	0.97
		6415		-7.65	-6.03	1.60	-2.15	-7.32	-5.80	1.60	-1.88	-6.49	-5.47	1.60	-1.34	-1.34
	6	6435		-7.89	-5.96	1.60	-2.21	-7.24	-5.70	1.60	-1.79	-6.87	-5.66	1.60	-1.61	-1.61
		6475		-8.23	-5.53	1.60	-2.06	-8.20	-5.62	1.60	-2.11	-6.94	-5.74	1.60	-1.69	-1.69
		6515		-8.38	-5.91	1.60	-2.36	-8.36	-5.66	1.60	-2.19	-6.03	-5.81	1.60	-1.31	-1.31
	7	6535		-8.84	-6.07	1.60	-2.63	-9.32	-6.37	1.60	-2.99	-7.24	-6.10	1.60	-2.02	-2.02
		6695		-7.32	-4.24	1.60	-0.90	-7.42	-4.25	1.60	-0.94	-5.82	-4.22	1.60	-0.34	-0.34
		6855		-4.10	-4.62	2.83	1.49	-3.96	-4.55	2.83	1.60	-5.49	-4.71	2.83	0.76	1.60
	8	6875		-4.03	-4.83	2.83	1.43	-3.81	-4.82	2.83	1.55	-5.93	-5.16	2.83	0.31	1.55
		6995		-3.20	-4.20	2.83	2.17	-3.25	-3.71	2.83	2.37	-5.13	-3.82	2.83	1.41	2.37
		7115		-5.74	-6.66	2.83	-0.34	-5.11	-6.75	2.83	-0.01	-8.33	-8.14	2.83	-2.39	-0.01

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 40				RU Index 44				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE40	5	5965	52T	-4.27	-4.13	1.95	0.76	-4.27	-4.27	1.95	0.69	-4.12	-4.12	1.95	0.84	0.84
		6165		-4.88	-4.27	1.95	0.40	-4.92	-4.66	1.95	0.17	-4.51	-4.72	1.95	0.35	0.40
		6405		-5.43	-4.68	1.60	-0.43	-5.57	-4.90	1.60	-0.61	-5.86	-5.09	1.60	-0.85	-0.43
	6	6445		-5.44	-4.90	1.60	-0.55	-5.51	-4.67	1.60	-0.46	-5.81	-4.69	1.60	-0.60	-0.46
		6485		-6.21	-5.23	1.60	-1.08	-6.20	-5.39	1.60	-1.17	-6.06	-5.56	1.60	-1.19	-1.08
		6525		-6.56	-5.54	1.60	-1.41	-6.19	-5.05	1.60	-0.97	-6.31	-5.37	1.60	-1.20	-0.97
	7	6685		-7.25	-6.44	1.60	-2.22	-7.05	-6.75	1.60	-2.29	-7.29	-6.81	1.60	-2.43	-2.22
		6845		-5.85	-5.47	2.83	0.18	-6.28	-5.64	2.83	-0.11	-5.97	-5.52	2.83	0.10	0.18
		6885		-6.10	-5.46	2.83	0.07	-6.28	-6.07	2.83	-0.33	-6.31	-5.63	2.83	-0.12	0.07
	8	7005		-5.40	-4.36	2.83	0.99	-5.31	-4.46	2.83	0.98	-5.73	-4.93	2.83	0.53	0.99
		7085		-4.89	-4.04	2.83	1.40	-4.90	-4.63	2.83	1.08	-5.05	-5.03	2.83	0.80	1.40

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 44				RU Index 52				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	52T	-4.67	-4.31	1.95	0.47	-4.36	-3.53	1.95	1.04	-4.98	-4.39	1.95	0.29	1.04
		6145		-5.03	-4.67	1.95	0.11	-4.38	-4.65	1.95	0.45	-5.09	-5.27	1.95	-0.22	0.45
		6385		-6.14	-5.24	1.60	-1.06	-6.02	-5.13	1.60	-0.94	-6.36	-5.66	1.60	-1.39	-0.94
	6	6465		-6.06	-5.23	1.60	-1.01	-5.44	-4.85	1.60	-0.52	-6.81	-5.45	1.60	-1.47	-0.52
		6545		-6.48	-5.28	1.60	-1.23	-6.47	-5.26	1.60	-1.21	-7.12	-6.43	1.60	-2.15	-1.21
		6625		-7.20	-6.46	1.60	-2.20	-6.63	-5.73	1.60	-1.55	-7.30	-6.50	1.60	-2.27	-1.55
	7	6705		-7.52	-6.59	1.60	-2.42	-6.94	-6.23	1.60	-1.96	-7.32	-6.88	1.60	-2.48	-1.96
		6785		-6.31	-6.24	1.60	-1.66	-5.73	-5.48	1.60	-0.99	-6.24	-6.05	1.60	-1.53	-0.99
		6865		-6.62	-6.29	2.83	-0.61	-5.95	-5.73	2.83	0.00	-6.84	-6.07	2.83	-0.60	0.00
	8	6945		-5.18	-4.73	2.83	0.89	-4.70	-4.20	2.83	1.40	-5.59	-4.68	2.83	0.73	1.40
		7025		-5.58	-4.90	2.83	0.61	-5.24	-4.82	2.83	0.82	-6.32	-5.90	2.83	-0.26	0.82

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 37				RU Index 44				RU Index 52				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	52T	-6.20	-5.28	1.95	-0.76	-4.40	-4.36	1.95	0.58	-4.08	-3.96	1.95	0.94	0.94
		6185		-6.18	-5.42	1.95	-0.82	-4.91	-4.77	1.95	0.12	-4.09	-4.42	1.95	0.71	0.71
		6345		-6.89	-6.41	1.60	-2.03	-5.64	-4.78	1.60	-0.58	-5.08	-4.37	1.60	-0.10	-0.10
	6	6505		-7.59	-6.29	1.60	-2.28	-6.28	-5.51	1.60	-1.27	-5.68	-4.74	1.60	-0.57	-0.57
	7	6665		-9.23	-7.85	1.60	-3.88	-7.49	-6.34	1.60	-2.27	-6.67	-6.03	1.60	-1.73	-1.73
		6825		-7.79	-7.61	1.60	-3.09	-6.61	-6.41	1.60	-1.90	-5.54	-5.28	1.60	-0.80	-0.80
	8	6985		-6.26	-5.75	2.83	-0.16	-5.25	-4.64	2.83	0.91	-5.07	-4.36	2.83	1.14	1.14

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S37				RU Index S44				RU Index S52				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	52T	-4.41	-4.12	1.95	0.70	-4.49	-4.53	1.95	0.45	-6.09	-5.64	1.95	-0.90	0.70
		6185		-4.20	-4.44	1.95	0.64	-5.17	-4.88	1.95	-0.06	-6.59	-6.57	1.95	-1.62	0.64
		6345		-5.46	-4.26	1.60	-0.21	-6.24	-5.47	1.60	-1.23	-8.20	-6.91	1.60	-2.90	-0.21
	6	6505		-5.64	-4.72	1.60	-0.55	-6.45	-5.51	1.60	-1.34	-8.64	-7.58	1.60	-3.47	-0.55
	7	6665		-7.00	-5.88	1.60	-1.79	-7.52	-8.73	1.60	-3.47	-8.72	-8.10	1.60	-3.79	-1.79
		6825		-5.68	-5.34	1.60	-0.90	-6.17	-5.77	1.60	-1.36	-7.95	-7.07	1.60	-2.88	-0.90
	8	6985		-5.12	-4.46	2.83	1.06	-5.90	-4.98	2.83	0.42	-7.33	-6.84	2.83	-1.24	1.06

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 106T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 53				RU Index 54				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE20	5	5955	106T	-0.32	-0.19	1.95	4.71	-0.45	-0.73	1.95	4.37	4.71
		6175		-1.09	-1.19	1.95	3.82	-1.66	-1.07	1.95	3.61	3.82
		6415		-3.32	-2.63	1.60	1.65	-2.90	-2.09	1.60	2.13	2.13
	6	6435		-2.49	-1.67	1.60	2.55	-2.47	-1.85	1.60	2.46	2.55
		6475		-2.82	-1.98	1.60	2.23	-2.42	-1.66	1.60	2.59	2.59
		6515		-2.94	-2.24	1.60	2.03	-3.07	-1.89	1.60	2.17	2.17
	7	6535		-3.86	-2.81	1.60	1.31	-3.76	-2.78	1.60	1.37	1.37
		6695		-3.29	-3.22	1.60	1.36	-3.71	-3.08	1.60	1.23	1.36
		6855		-2.92	-2.45	2.83	3.16	-2.49	-2.78	2.83	3.21	3.21
		6875		-2.96	-2.67	2.83	3.03	-2.65	-2.82	2.83	3.11	3.11
		6995		-2.17	-1.09	2.83	4.24	-2.02	-1.13	2.83	4.29	4.29
	8	7115		-1.82	-1.75	2.83	4.06	-8.22	-8.35	2.83	-2.44	4.06

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 53				RU Index 54				RU Index 56				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE40	5	5965	106T	-0.74	-0.45	1.95	4.37	-1.07	-0.40	1.95	4.24	-0.99	-0.56	1.95	4.19	4.37
		6165		-1.36	-1.34	1.95	3.61	-1.72	-1.07	1.95	3.58	-1.64	-1.25	1.95	3.52	3.61
		6405		-2.87	-1.97	1.60	2.21	-2.82	-2.17	1.60	2.13	-3.02	-2.09	1.60	2.08	2.21
	6	6445		-2.20	-1.83	1.60	2.60	-2.63	-1.74	1.60	2.45	-2.28	-1.85	1.60	2.55	2.60
		6485		-2.35	-2.03	1.60	2.42	-2.41	-2.17	1.60	2.32	-2.44	-1.61	1.60	2.61	2.61
		6525		-2.86	-1.79	1.60	2.32	-2.75	-2.34	1.60	2.07	-2.97	-2.03	1.60	2.14	2.32
	7	6685		-3.15	-3.22	1.60	1.43	-3.07	-3.28	1.60	1.44	-3.82	-3.17	1.60	1.13	1.44
		6845		-2.56	-2.35	2.83	3.39	-2.28	-2.29	2.83	3.56	-2.73	-2.67	2.83	3.14	3.56
		6885		-2.32	-2.47	2.83	3.45	-2.85	-2.42	2.83	3.21	-2.58	-2.71	2.83	3.20	3.45
	8	7005		-1.85	-1.20	2.83	4.33	-1.99	-1.01	2.83	4.37	-2.30	-1.23	2.83	4.11	4.37
		7085		-1.15	-0.95	2.83	4.79	-1.43	-0.79	2.83	4.74	-1.60	-1.19	2.83	4.45	4.79

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 53				RU Index 56				RU Index 60				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	106T	-0.93	-1.06	1.95	3.97	-0.86	-0.93	1.95	4.07	-1.56	-1.40	1.95	3.48	4.07
		6145		-1.56	-1.73	1.95	3.32	-1.59	-1.24	1.95	3.55	-2.05	-1.66	1.95	3.11	3.55
		6385		-2.14	-1.96	1.60	2.56	-1.93	-1.32	1.60	3.00	-2.88	-2.17	1.60	2.10	3.00
	6	6465		-2.46	-2.21	1.60	2.28	-2.32	-1.32	1.60	2.82	-3.30	-1.98	1.60	2.02	2.82
		6545		-3.26	-1.92	1.60	2.07	-2.77	-2.06	1.60	2.21	-3.59	-3.00	1.60	1.33	2.21
		6625		-3.89	-2.83	1.60	1.28	-3.43	-2.94	1.60	1.43	-3.88	-3.09	1.60	1.14	1.43
	7	6705		-3.80	-3.47	1.60	0.98	-3.36	-2.87	1.60	1.50	-3.67	-3.34	1.60	1.11	1.50
		6785		-2.69	-2.59	1.60	1.97	-2.55	-2.61	1.60	2.03	-2.71	-2.73	1.60	1.89	2.03
		6865		-3.16	-2.94	2.83	2.79	-2.82	-2.51	2.83	3.18	-3.35	-2.68	2.83	2.84	3.18
	8	6945		-1.50	-1.18	2.83	4.50	-1.82	-0.65	2.83	4.64	-2.15	-1.45	2.83	4.05	4.64
		7025		-2.23	-1.97	2.83	3.74	-2.38	-1.38	2.83	3.99	-2.52	-2.08	2.83	3.55	3.99

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 53				RU Index 56				RU Index 60				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	106T	-2.09	-2.23	1.95	2.80	-1.72	-0.96	1.95	3.64	-0.50	-0.46	1.95	4.48	4.48
		6185		-2.37	-2.61	1.95	2.47	-1.82	-1.42	1.95	3.34	-1.26	-0.43	1.95	4.14	4.14
		6345		-3.21	-2.99	1.60	1.51	-2.35	-2.24	1.60	2.32	-1.72	-1.76	1.60	2.87	2.87
	6	6505		-4.05	-3.27	1.60	0.97	-3.25	-2.39	1.60	1.81	-2.61	-1.60	1.60	2.53	2.53
	7	6665		-5.09	-4.06	1.60	0.07	-3.83	-3.43	1.60	0.98	-3.64	-2.81	1.60	1.41	1.41
		6825		-4.35	-4.15	1.60	0.36	-3.30	-3.17	1.60	1.38	-2.42	-2.77	1.60	2.02	2.02
	8	6985		-2.98	-2.41	2.83	3.15	-2.51	-1.39	2.83	3.93	-1.54	-1.23	2.83	4.46	4.46

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S53				RU Index S56				RU Index S60				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	106T	-0.81	-0.65	1.95	4.23	-1.42	-1.01	1.95	3.75	-2.80	-2.50	1.95	2.31	4.23
		6185		-1.36	-1.02	1.95	3.77	-1.54	-1.61	1.95	3.39	-2.57	-3.14	1.95	2.11	3.77
		6345		-1.68	-1.36	1.60	3.09	-2.34	-2.18	1.60	2.35	-4.51	-3.60	1.60	0.58	3.09
	6	6505		-2.51	-2.08	1.60	2.32	-3.44	-2.30	1.60	1.78	-4.84	-4.36	1.60	0.02	2.32
	7	6665		-3.61	-3.28	1.60	1.17	-3.80	-3.09	1.60	1.18	-5.28	-4.61	1.60	-0.32	1.18
		6825		-2.39	-2.66	1.60	2.09	-2.73	-2.85	1.60	1.82	-4.50	-4.14	1.60	0.29	2.09
	8	6985		-1.91	-1.10	2.83	4.35	-2.49	-1.69	2.83	3.77	-3.80	-3.38	2.83	2.26	4.35

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 242T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)				Max EIRP (dBm)
				RU Index 61				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE20	5	5955	242T	2.07	1.37	1.95	6.69	6.69
		6175		1.57	1.31	1.95	6.40	6.40
		6415		2.00	1.03	1.60	6.15	6.15
	6	6435		1.55	0.86	1.60	5.83	5.83
		6475		1.23	0.48	1.60	5.48	5.48
		6515		1.07	0.79	1.60	5.54	5.54
	7	6535		-0.85	-0.34	1.60	4.02	4.02
		6695		-0.41	-0.85	1.60	3.99	3.99
		6855		-0.01	-0.15	2.83	5.76	5.76
	8	6875		-0.22	-0.31	2.83	5.58	5.58
		6995		0.72	0.82	2.83	6.61	6.61
		7115		-5.08	-4.92	2.83	0.84	0.84

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 61				RU Index 62				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE40	5	5965	242T	2.20	1.38	1.95	6.77	2.11	1.31	1.95	6.69	6.77
		6165		1.66	1.03	1.95	6.32	2.19	0.86	1.95	6.54	6.54
		6405		2.18	1.00	1.60	6.24	2.01	1.59	1.60	6.42	6.42
	6	6445		1.30	0.47	1.60	5.52	1.31	0.46	1.60	5.52	5.52
		6485		1.57	0.51	1.60	5.68	1.66	0.65	1.60	5.79	5.79
		6525		1.45	0.81	1.60	5.75	2.16	1.45	1.60	6.43	6.43
	7	6685		-0.75	-0.44	1.60	4.02	-0.59	-1.09	1.60	3.78	4.02
		6845		0.49	0.01	2.83	6.10	0.28	-0.08	2.83	5.94	6.10
		6885		0.23	-0.04	2.83	5.94	-0.18	0.26	2.83	5.89	5.94
	8	7005		0.41	1.44	2.83	6.80	0.87	1.12	2.83	6.84	6.84
		7085		1.20	1.40	2.83	7.14	1.42	1.19	2.83	7.15	7.15

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 61				RU Index 62				RU Index 64				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	242T	2.10	1.98	1.95	7.00	2.21	1.46	1.95	6.81	1.73	0.98	1.95	6.33	7.00
		6145		1.87	1.14	1.95	6.48	2.00	1.85	1.95	6.89	1.99	1.16	1.95	6.56	6.89
		6385		1.96	1.53	1.60	6.36	2.61	1.99	1.60	6.92	1.92	1.29	1.60	6.23	6.92
	6	6465		1.82	1.06	1.60	6.07	2.19	1.20	1.60	6.33	1.61	1.10	1.60	5.97	6.33
		6545		1.11	0.56	1.60	5.45	1.77	1.31	1.60	6.16	1.92	1.46	1.60	6.31	6.31
		6625		-0.96	-0.87	1.60	3.70	-0.54	-0.34	1.60	4.17	-1.01	-0.73	1.60	3.74	4.17
	7	6705		-1.09	-1.09	1.60	3.52	-0.24	-0.58	1.60	4.20	-1.14	-1.19	1.60	3.45	4.20
		6785		0.26	-0.07	1.60	4.71	0.64	-0.10	1.60	4.90	0.32	-0.26	1.60	4.65	4.90
		6865		-0.08	-0.49	2.83	5.56	0.42	-0.10	2.83	6.01	0.15	-0.40	2.83	5.72	6.01
	8	6945		0.80	1.34	2.83	6.92	1.62	1.65	2.83	7.48	0.98	1.48	2.83	7.08	7.48
		7025		0.41	1.00	2.83	6.56	0.33	1.21	2.83	6.63	0.36	0.47	2.83	6.26	6.63

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index 61				RU Index 62				RU Index 64				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	242T	2.48	1.34	1.95	6.91	2.74	1.85	1.95	7.28	2.02	1.57	1.95	6.76	7.28
		6185		1.82	1.37	1.95	6.56	2.29	1.61	1.95	6.92	1.79	1.60	1.95	6.66	6.92
		6345		2.25	1.92	1.60	6.70	1.89	2.35	1.60	6.74	1.74	1.69	1.60	6.33	6.74
	6	6505		1.57	0.62	1.60	5.73	2.81	2.10	1.60	7.08	1.45	1.29	1.60	5.98	7.08
	7	6665		-1.31	-1.05	1.60	3.43	-0.33	0.22	1.60	4.56	0.11	0.81	1.60	5.08	5.08
		6825		-0.15	-0.17	1.60	4.45	0.59	0.64	1.60	5.23	1.42	1.56	1.60	6.10	6.10
	8	6985		0.47	1.09	2.83	6.63	1.13	1.52	2.83	7.17	1.65	2.56	2.83	7.97	7.97

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Max EIRP (dBm)
				RU Index S61				RU Index S62				RU Index S64				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	242T	2.22	1.18	1.95	6.69	2.01	1.28	1.95	6.62	2.20	1.47	1.95	6.81	6.81
		6185		2.09	1.26	1.95	6.66	2.12	1.39	1.95	6.73	1.76	1.19	1.95	6.44	6.73
		6345		2.22	1.59	1.60	6.53	1.96	1.31	1.60	6.26	2.19	1.75	1.60	6.59	6.59
	6	6505		1.77	1.25	1.60	6.13	2.36	1.19	1.60	6.42	2.39	1.71	1.60	6.67	6.67
	7	6665		0.41	0.40	1.60	5.02	0.38	0.70	1.60	5.15	-0.71	-0.56	1.60	3.98	5.15
		6825		1.51	1.32	1.60	6.03	1.23	0.89	1.60	5.67	-0.36	0.04	1.60	4.45	6.03
	8	6985		2.93	2.06	2.83	8.36	2.20	2.76	2.83	8.33	0.48	1.15	2.83	6.67	8.36

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 484T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)				Max EIRP (dBm)
				RU Index 65				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE40	5	5965	484T	4.99	4.85	1.95	9.88	9.88
		6165		5.15	4.70	1.95	9.89	9.89
		6405		4.77	4.42	1.60	9.21	9.21
	6	6445		5.28	4.30	1.60	9.43	9.43
		6485		4.98	4.39	1.60	9.31	9.31
		6525		5.17	4.38	1.60	9.40	9.40
	7	6685		4.15	3.96	1.60	8.67	8.67
		6845		4.72	3.67	2.83	10.07	10.07
		6885		4.72	3.90	2.83	10.17	10.17
		7005		4.42	4.03	2.83	10.07	10.07
		7085		4.46	3.86	2.83	10.01	10.01
		7085		4.46	3.86	2.83	10.01	10.01

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 65				RU Index 66				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE80	5	5985	484T	5.53	4.52	1.95	10.01	5.04	4.37	1.95	9.68	10.01
		6145		4.76	4.38	1.95	9.53	4.84	5.02	1.95	9.89	9.89
		6385		4.96	4.76	1.60	9.47	5.20	4.53	1.60	9.49	9.49
	6	6465		5.02	4.54	1.60	9.40	5.09	4.37	1.60	9.36	9.40
		6545		5.34	4.36	1.60	9.49	5.23	4.99	1.60	9.72	9.72
		6625		4.65	3.58	1.60	8.76	4.16	3.62	1.60	8.51	8.76
	7	6705		4.50	3.56	1.60	8.67	4.32	3.74	1.60	8.65	8.67
		6785		4.11	3.54	1.60	8.44	4.03	3.34	1.60	8.31	8.44
		6865		4.79	3.94	2.83	10.23	4.73	3.54	2.83	10.02	10.23
	8	6945		4.76	3.77	2.83	10.13	4.50	3.28	2.83	9.77	10.13
		7025		4.32	3.56	2.83	9.80	4.46	3.77	2.83	9.97	9.97
		7025		4.32	3.56	2.83	9.80	4.46	3.77	2.83	9.97	9.97

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 65				RU Index 66				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80L)	5	6025	484T	5.27	5.09	1.95	10.14	5.34	5.01	1.95	10.14	10.14
		6185		5.22	4.67	1.95	9.91	5.42	4.70	1.95	10.04	10.04
		6345		5.12	4.63	1.60	9.49	5.68	4.83	1.60	9.89	9.89
	6	6505		5.30	4.46	1.60	9.51	5.05	4.41	1.60	9.35	9.51
		6665		5.00	4.29	1.60	9.27	4.86	4.34	1.60	9.22	9.27
		6825		4.16	3.67	1.60	8.53	4.44	3.88	1.60	8.78	8.78
	8	6985		4.64	3.80	2.83	10.08	4.75	3.79	2.83	10.14	10.14

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index S65				RU Index S66				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) Note 4	Total E.I.R.P Note 3	
802.11ax-HE160 (80H)	5	6025	484T	4.92	4.70	1.95	9.77	4.94	4.30	1.95	9.59	9.77
		6185		5.20	4.61	1.95	9.88	5.31	4.88	1.95	10.06	10.06
		6345		5.01	4.82	1.60	9.53	5.21	4.51	1.60	9.48	9.53
	6	6505		5.31	4.69	1.60	9.62	5.34	5.11	1.60	9.84	9.84
		6665		4.32	3.86	1.60	8.71	4.04	3.74	1.60	8.50	8.71
		6825		4.46	3.76	1.60	8.73	4.43	4.15	1.60	8.90	8.90
	8	6985		4.32	3.84	2.83	9.93	4.65	4.18	2.83	10.26	10.26

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

2. EIRP limit is 24dBm

3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only.

This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Tones: 996T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)				Max EIRP (dBm)	
				RU Index 67					
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) <small>Note 4</small>	Total E.I.R.P <small>Note 3</small>		
802.11ax-HE80	5	5985	996T	6.87	5.60	1.95	11.24	11.24	
		6145		6.17	5.95	1.95	11.02	11.02	
		6385		6.97	7.06	1.60	11.63	11.63	
	6	6465		6.39	6.45	1.60	11.03	11.03	
		6545		6.19	6.87	1.60	11.15	11.15	
		6625		5.61	6.02	1.60	10.43	10.43	
	7	6705		5.17	5.66	1.60	10.03	10.03	
		6785		5.11	5.57	1.60	9.96	9.96	
		6865		6.76	5.27	2.83	11.92	11.92	
		6945		6.80	5.45	2.83	12.02	12.02	
		8		7025	6.72	5.79	2.83	12.12	12.12

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)								Max EIRP (dBm)
				RU Index 67				RU Index S67				
				ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) <small>Note 4</small>	Total E.I.R.P <small>Note 3</small>	ANT A (AUX)	ANT B (Main)	Directional Antenna Gain (dBi) <small>Note 4</small>	Total E.I.R.P <small>Note 3</small>	
802.11ax-HE160	5	6025	996T	6.89	7.58	1.95	12.21	6.17	7.63	1.95	11.92	12.21
		6185		6.41	5.93	1.95	11.14	6.74	6.26	1.95	11.47	11.47
		6345		6.80	6.72	1.60	11.37	7.15	7.21	1.60	11.79	11.79
	6	6505		6.49	6.78	1.60	11.25	6.46	6.74	1.60	11.21	11.25
		6665		5.57	6.41	1.60	10.62	5.16	5.83	1.60	10.12	10.62
	7	6825		5.22	5.57	1.60	10.01	5.00	5.51	1.60	9.87	10.01
		6985		5.02	5.75	2.83	11.24	5.04	6.00	2.83	11.39	11.39

Note: 1. All results have been included cable loss.
 2. EIRP limit is 24dBm
 3. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional Gain
 4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then
 Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$ dBi
 Directional gain:
 5925MHz: $10 \log[(10^{2.1/10} + 10^{1.8/10})/2] = 1.95$ dBi
 6525MHz: $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$ dBi
 7125MHz: $10 \log[(10^{1.9/10} + 10^{3.6/10})/2] = 2.83$ 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).