

## A.4 MAXIMUM CONDUCTED OUTPUT POWER

Test Date	2022/07/14	Temp./Hum.	24°C/48%
Cable Loss	1.5dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

### A.4.1 Conducted Output Power Result

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	1.46	1.92	N/A	2.150	6.86	24dBm
		6175	1.70	1.88		2.150	6.95	
		6415	1.79	1.89		2.050	6.90	
	6	6435	1.68	2.00		2.050	6.90	
		6475	1.47	2.06		2.050	6.84	
		6515	1.55	2.01		2.050	6.85	
	7	6535	-1.20	-0.61		2.050	4.17	
		6695	-1.88	-0.77		2.050	3.77	
		6855	-0.69	-0.93		2.000	4.20	
	8	6875	-0.77	-0.82		2.000	4.22	
		6995	-0.47	-0.48		2.000	4.54	
		7115	-4.31	-4.08		2.000	0.82	
802.11ax-HE40	5	5965	5.95	5.53	N/A	2.150	10.91	24dBm
		6165	5.31	5.67		2.150	10.65	
		6405	5.67	6.02		2.050	10.91	
	6	6445	5.71	6.31		2.050	11.08	
		6485	6.18	5.78		2.050	11.04	
		6525	5.75	5.82		2.050	10.85	
	7	6685	4.70	5.08		2.050	9.95	
		6845	4.45	5.72		2.000	10.14	
		6885	5.36	5.06		2.000	10.22	
	8	7005	5.27	5.16		2.000	10.23	
		7085	4.75	5.38		2.000	10.09	

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 average output power(dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) <sup>Note3</sup>	Total E.I.R.P. (dBm) <sup>Note2</sup>	Limit
			AUX	Main				
802.11ax-HE80	5	5985	7.08	7.13	N/A	2.150	12.27	24dBm
		6145	7.25	7.32		2.150	12.45	
		6385	7.27	7.35		2.050	12.37	
	6	6465	7.22	7.20		2.050	12.27	
		6545	7.18	7.20		2.050	12.25	
		6625	6.43	6.27		2.050	11.41	
	7	6705	6.56	6.28		2.050	11.48	
		6785	6.69	6.31		2.050	11.56	
		6865	6.79	6.65		2.000	11.73	
	8	6945	6.76	6.47		2.000	11.63	
		7025	6.51	6.22		2.000	11.38	
		6025	10.38	10.28		N/A	2.150	
5	6185	10.40	10.32	2.150	15.52			
	6345	10.45	10.49	2.050	15.53			
	6	6505	10.31	10.22	2.050		15.33	
6665		9.59	9.29	2.050	14.50			
6825		9.74	9.80	2.000	14.78			
8	6985	9.72	9.63	2.000	14.69			

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 average output power(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 =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
 Directional gain:  
 5925MHz:  $10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15$  dBi  
 6525MHz:  $10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05$  dBi  
 7125MHz:  $10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00$  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

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 4			RU Index 8				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	26T	-6.11	-5.71	N/A	-6.24	-5.16	N/A	-6.72	-5.53	N/A	2.15	-0.51
		6175		-7.69	-7.49	N/A	-6.94	-6.81	N/A	-7.72	-7.38	N/A	2.15	-1.71
		6415		-8.05	-8.44	N/A	-7.52	-7.92	N/A	-8.04	-8.37	N/A	2.05	-2.66
	6	6435		-8.19	-8.35	N/A	-7.47	-7.37	N/A	-8.22	-8.21	N/A	2.05	-2.36
		6475		-8.42	-8.32	N/A	-7.38	-7.54	N/A	-8.21	-8.51	N/A	2.05	-2.40
		6515		-8.51	-8.80	N/A	-7.87	-8.07	N/A	-8.40	-8.73	N/A	2.05	-2.91
	7	6535		-9.18	-9.57	N/A	-8.59	-8.87	N/A	-9.51	-9.56	N/A	2.05	-3.67
		6695		-9.74	-9.53	N/A	-9.17	-8.87	N/A	-9.74	-9.64	N/A	2.05	-3.96
		6855		-9.16	-9.23	N/A	-8.60	-8.68	N/A	-9.34	-9.23	N/A	2.00	-3.63
	8	6875		-9.24	-9.38	N/A	-8.66	-8.72	N/A	-9.40	-9.61	N/A	2.00	-3.68
		6995		-8.66	-8.36	N/A	-7.99	-7.77	N/A	-8.86	-8.33	N/A	2.00	-2.87
		7115		-8.05	-8.05	N/A	-8.05	-7.17	N/A	-8.03	-8.59	N/A	2.00	-2.58

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 8			RU Index 17				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	26T	-6.61	-5.91	N/A	-5.86	-5.58	N/A	-6.19	-5.84	N/A	2.15	-0.56
		6165		-7.39	-7.09	N/A	-6.83	-6.83	N/A	-7.56	-7.43	N/A	2.15	-1.67
		6405		-7.91	-7.74	N/A	-7.41	-7.59	N/A	-7.96	-8.17	N/A	2.05	-2.44
	6	6445		-8.02	-7.97	N/A	-7.49	-7.45	N/A	-7.87	-7.99	N/A	2.05	-2.41
		6485		-8.08	-8.12	N/A	-7.79	-7.89	N/A	-8.10	-8.39	N/A	2.05	-2.78
	7	6525		-8.24	-8.31	N/A	-7.91	-8.09	N/A	-8.45	-8.75	N/A	2.05	-2.94
		6685		-9.73	-9.33	N/A	-9.22	-8.73	N/A	-9.66	-9.34	N/A	2.05	-3.91
		6845		-8.95	-9.48	N/A	-8.69	-8.93	N/A	-8.95	-9.69	N/A	2.00	-3.80
	8	6885		-9.07	-9.66	N/A	-8.60	-9.33	N/A	-9.17	-9.75	N/A	2.00	-3.94
		7005		-8.17	-9.06	N/A	-8.01	-8.60	N/A	-8.38	-9.20	N/A	2.00	-3.28
		7085		-7.89	-8.37	N/A	-7.51	-8.01	N/A	-8.53	-8.99	N/A	2.00	-2.74

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	26T	-6.58	-6.26	N/A	-5.37	-5.22	N/A	-6.55	-6.26	N/A	2.15	-0.13
		6145		-7.23	-7.34	N/A	-6.39	-6.22	N/A	-7.67	-7.42	N/A	2.15	-1.14
		6385		-7.84	-7.86	N/A	-6.87	-6.95	N/A	-8.38	-8.32	N/A	2.05	-1.85
	6	6465		-8.15	-8.30	N/A	-7.43	-7.24	N/A	-8.59	-8.66	N/A	2.05	-2.27
		6545		-8.51	-8.82	N/A	-7.84	-7.77	N/A	-9.11	-9.10	N/A	2.05	-2.74
		6625		-9.66	-9.33	N/A	-8.71	-8.24	N/A	-9.76	-9.60	N/A	2.05	-3.41
	7	6705		-9.73	-9.71	N/A	-8.92	-8.45	N/A	-10.01	-9.88	N/A	2.05	-3.62
		6785		-9.16	-9.20	N/A	-8.24	-8.20	N/A	-9.17	-9.67	N/A	2.05	-3.16
		6865		-9.22	-9.66	N/A	-8.32	-8.84	N/A	-9.54	-10.11	N/A	2.00	-3.56
	8	6945		-7.98	-8.84	N/A	-7.18	-7.84	N/A	-8.59	-9.33	N/A	2.00	-2.49
		7025		-8.58	-9.16	N/A	-7.63	-8.31	N/A	-8.88	-9.55	N/A	2.00	-2.95

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	26T	-7.97	-7.42	N/A	-6.19	-6.70	N/A	-6.10	-6.02	N/A	2.15	-0.90
		6185		-8.72	-8.58	N/A	-6.83	-7.58	N/A	-7.59	-7.32	N/A	2.15	-2.03
		6345		-9.29	-9.28	N/A	-6.81	-7.73	N/A	-7.66	-7.70	N/A	2.05	-2.19
	6	6505		-9.82	-9.86	N/A	-6.83	-7.67	N/A	-8.48	-8.23	N/A	2.05	-2.17
		6665		-11.20	-10.83	N/A	-7.78	-8.22	N/A	-9.58	-9.25	N/A	2.05	-2.93
	7	6825		-10.77	-10.59	N/A	-7.56	-7.41	N/A	-9.30	-9.33	N/A	2.00	-2.47
		6985		-9.80	-10.15	N/A	-6.60	-7.08	N/A	-8.38	-8.76	N/A	2.00	-1.82

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S0			RU Index S18			RU Index S36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	26T	-6.00	-5.88	N/A	-6.31	-6.79	N/A	-8.23	-8.01	N/A	2.15	-0.78
		6185		-7.60	-7.26	N/A	-7.27	-7.74	N/A	-9.81	-9.33	N/A	2.15	-2.27
		6345		-7.73	-7.68	N/A	-6.79	-7.63	N/A	-9.75	-9.68	N/A	2.05	-2.13
	6	6505		-8.58	-8.23	N/A	-7.00	-7.70	N/A	-10.55	-10.54	N/A	2.05	-2.28
		6665		-9.67	-9.36	N/A	-7.97	-8.25	N/A	-11.58	-10.97	N/A	2.05	-3.05
	7	6825		-9.49	-9.35	N/A	-7.85	-7.86	N/A	-11.71	-11.68	N/A	2.00	-2.84
		6985		-8.50	-8.83	N/A	-7.20	-7.60	N/A	-10.56	-11.04	N/A	2.00	-2.39

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 52T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 39			RU Index 40				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	52T	-3.31	-2.92	N/A	-3.64	-2.60	N/A	-3.36	-2.65	N/A	2.15	2.170
		6175		-4.62	-4.23	N/A	-4.44	-4.07	N/A	-4.69	-4.37	N/A	2.15	0.909
		6415		-4.94	-5.40	N/A	-4.88	-5.25	N/A	-5.06	-5.33	N/A	2.05	-0.001
	6	6435		-5.05	-5.23	N/A	-4.82	-4.93	N/A	-5.03	-5.19	N/A	2.05	0.186
		6475		-4.99	-5.38	N/A	-5.04	-5.12	N/A	-5.10	-5.21	N/A	2.05	-0.020
		6515		-5.15	-5.44	N/A	-5.23	-5.48	N/A	-5.38	-5.44	N/A	2.05	-0.232
	7	6535		-6.19	-6.20	N/A	-5.96	-6.35	N/A	-6.07	-6.49	N/A	2.05	-1.090
		6695		-6.64	-6.29	N/A	-6.40	-6.35	N/A	-6.59	-6.17	N/A	2.05	-1.315
		6855		-6.01	-6.20	N/A	-5.99	-6.05	N/A	-6.17	-6.16	N/A	2.00	-1.010
	8	6875		-6.06	-6.31	N/A	-6.05	-6.08	N/A	-5.99	-6.44	N/A	2.00	-1.055
		6995		-5.54	-5.16	N/A	-5.56	-5.30	N/A	-5.59	-5.45	N/A	2.00	-0.336
		7115		-5.63	-4.81	N/A	-5.42	-4.99	N/A	-5.06	-5.63	N/A	2.00	-0.189

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 40			RU Index 44				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	52T	-3.51	-2.99	N/A	-3.31	-2.78	N/A	-3.09	-2.96	N/A	2.15	2.14
		6165		-4.14	-4.04	N/A	-4.26	-4.12	N/A	-4.40	-4.34	N/A	2.15	1.07
		6405		-4.81	-4.99	N/A	-4.94	-4.87	N/A	-5.05	-5.26	N/A	2.05	0.16
	6	6445		-5.07	-4.97	N/A	-4.99	-5.02	N/A	-5.09	-4.98	N/A	2.05	0.06
		6485		-5.23	-5.26	N/A	-5.19	-5.16	N/A	-5.34	-5.44	N/A	2.05	-0.11
	7	6525		-5.27	-5.28	N/A	-5.37	-5.57	N/A	-5.50	-5.65	N/A	2.05	-0.21
		6685		-6.57	-6.14	N/A	-6.61	-6.33	N/A	-6.81	-6.36	N/A	2.05	-1.29
		6845		-5.87	-6.15	N/A	-5.87	-6.47	N/A	-5.90	-6.61	N/A	2.00	-1.00
	8	6885		-6.04	-6.70	N/A	-5.85	-6.78	N/A	-6.15	-6.74	N/A	2.00	-1.28
		7005		-5.33	-5.89	N/A	-5.33	-6.04	N/A	-5.31	-6.09	N/A	2.00	-0.59
		7085		-4.77	-5.31	N/A	-4.87	-5.40	N/A	-5.26	-5.83	N/A	2.00	-0.02

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	52T	-3.38	-3.18	N/A	-2.91	-2.74	N/A	-3.51	-3.41	N/A	2.15	2.34
		6145		-4.27	-4.16	N/A	-3.88	-3.99	N/A	-4.64	-4.54	N/A	2.15	1.23
		6385		-4.81	-5.14	N/A	-4.70	-4.81	N/A	-5.15	-5.39	N/A	2.05	0.31
	6	6465		-5.14	-5.30	N/A	-5.00	-4.86	N/A	-5.47	-5.48	N/A	2.05	0.13
		6545		-5.61	-5.55	N/A	-5.42	-5.54	N/A	-5.88	-6.28	N/A	2.05	-0.42
		6625		-6.55	-6.43	N/A	-6.10	-6.12	N/A	-6.81	-6.44	N/A	2.05	-1.05
	7	6705		-6.51	-6.58	N/A	-6.31	-6.04	N/A	-7.09	-6.59	N/A	2.05	-1.11
		6785		-6.43	-6.00	N/A	-5.94	-5.82	N/A	-6.14	-6.47	N/A	2.05	-0.82
		6865		-6.25	-6.42	N/A	-5.90	-6.43	N/A	-6.41	-7.15	N/A	2.00	-1.15
	8	6945		-5.56	-6.10	N/A	-4.84	-5.32	N/A	-5.41	-6.06	N/A	2.00	-0.06
		7025		-5.56	-6.23	N/A	-5.14	-5.99	N/A	-5.81	-6.57	N/A	2.00	-0.53

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	52T	-4.88	-4.48	N/A	-3.90	-3.52	N/A	-3.11	-2.94	N/A	2.15	2.14
		6185		-5.80	-5.50	N/A	-4.82	-4.60	N/A	-4.52	-4.30	N/A	2.15	0.75
		6345		-6.17	-6.24	N/A	-5.17	-5.29	N/A	-4.66	-4.72	N/A	2.05	0.37
	6	6505		-6.66	-6.48	N/A	-5.72	-5.79	N/A	-5.32	-5.21	N/A	2.05	-0.20
		6665		-7.98	-7.91	N/A	-7.12	-6.97	N/A	-6.45	-6.15	N/A	2.05	-1.24
	7	6825		-7.78	-7.80	N/A	-6.75	-6.73	N/A	-5.95	-6.45	N/A	2.00	-1.18
		6985		-6.79	-7.08	N/A	-5.55	-6.22	N/A	-5.11	-5.93	N/A	2.00	-0.49

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S37			RU Index S44			RU Index S52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	52T	-3.16	-2.87	N/A	-3.60	-3.67	N/A	-5.09	-4.89	N/A	2.15	2.15
		6185		-4.28	-4.03	N/A	-5.22	-4.79	N/A	-6.88	-6.36	N/A	2.15	1.01
		6345		-4.72	-4.73	N/A	-5.20	-5.37	N/A	-6.73	-7.05	N/A	2.05	0.34
	6	6505		-5.37	-5.34	N/A	-6.01	-6.05	N/A	-7.69	-7.60	N/A	2.05	-0.29
		6665		-6.48	-6.19	N/A	-7.20	-6.89	N/A	-8.46	-8.19	N/A	2.05	-1.27
	7	6825		-6.12	-6.24	N/A	-6.40	-7.09	N/A	-7.77	-8.63	N/A	2.00	-1.17
		6985		-5.37	-6.03	N/A	-5.93	-6.50	N/A	-7.59	-8.14	N/A	2.00	-0.68

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 106T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	106T	-0.09	0.26	N/A	0.46	0.07	N/A	2.15	5.43
		6175		-1.17	-1.20	N/A	-1.41	-0.97	N/A	2.15	3.98
		6415		-1.89	-1.93	N/A	-1.93	-1.93	N/A	2.05	3.15
	6	6435		-1.83	-1.73	N/A	-2.06	-1.80	N/A	2.05	3.28
		6475		-2.05	-2.01	N/A	-2.03	-2.09	N/A	2.05	3.03
		6515		-2.20	-2.15	N/A	-2.27	-2.38	N/A	2.05	2.89
	7	6535		-3.14	-3.05	N/A	-3.07	-3.20	N/A	2.05	1.97
		6695		-3.69	-3.16	N/A	-3.70	-3.31	N/A	2.05	1.64
		6855		-2.84	-3.41	N/A	-2.77	-3.30	N/A	2.00	1.98
	8	6875		-2.97	-3.33	N/A	-2.97	-3.65	N/A	2.00	1.86
		6995		-2.18	-2.73	N/A	-2.25	-2.75	N/A	2.00	2.56
		7115		-1.98	-2.51	N/A	-8.78	-9.05	N/A	2.00	2.77

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54			RU Index 56				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	106T	-0.08	0.11	N/A	-0.24	0.19	N/A	-0.15	0.16	N/A	2.15	5.18
		6165		-1.34	-1.07	N/A	-1.25	-1.06	N/A	-1.52	-1.13	N/A	2.15	4.01
		6405		-1.62	-1.95	N/A	-1.82	-1.97	N/A	-1.84	-2.07	N/A	2.05	3.28
	6	6445		-1.85	-1.84	N/A	-1.98	-2.08	N/A	-1.87	-2.03	N/A	2.05	3.22
		6485		-2.00	-1.89	N/A	-1.91	-2.07	N/A	-2.05	-2.11	N/A	2.05	3.12
	7	6525		-2.32	-2.44	N/A	-2.16	-2.37	N/A	-2.26	-2.59	N/A	2.05	2.80
		6685		-3.46	-3.29	N/A	-3.48	-3.19	N/A	-3.68	-3.14	N/A	2.05	1.73
		6845		-3.00	-3.34	N/A	-2.98	-3.30	N/A	-2.96	-3.53	N/A	2.00	1.87
	8	6885		-3.00	-3.71	N/A	-2.81	-3.73	N/A	-3.07	-3.83	N/A	2.00	1.76
		7005		-2.21	-2.84	N/A	-2.27	-2.72	N/A	-3.04	-2.23	N/A	2.00	2.52
		7085		-1.58	-2.31	N/A	-1.76	-2.24	N/A	-1.95	-2.48	N/A	2.00	3.08

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	106T	-0.47	-0.23	N/A	-0.47	0.20	N/A	-0.31	-0.29	N/A	2.15	5.04
		6145		-1.32	-1.25	N/A	-1.03	-0.89	N/A	-1.70	-1.40	N/A	2.15	4.20
		6385		-1.80	-2.12	N/A	-1.67	-1.65	N/A	-1.68	-1.88	N/A	2.05	3.40
	6	6465		-2.10	-2.09	N/A	-2.03	-2.01	N/A	-2.55	-2.47	N/A	2.05	3.04
		6545		-2.52	-2.57	N/A	-2.32	-2.40	N/A	-3.11	-3.07	N/A	2.05	2.70
		7		6625	-3.70	-3.53	N/A	-3.44	-3.13	N/A	-3.66	-3.52	N/A	2.05
	6705			-3.94	-3.59	N/A	-3.58	-3.22	N/A	-4.11	-3.77	N/A	2.05	1.66
	6785			-3.22	-3.13	N/A	-2.79	-2.86	N/A	-3.19	-3.53	N/A	2.05	2.24
	8	6865		-3.32	-3.59	N/A	-2.96	-3.28	N/A	-2.76	-3.24	N/A	2.00	2.02
		6945		-2.15	-2.39	N/A	-1.71	-2.45	N/A	-2.34	-3.04	N/A	2.00	2.95
		7025		-2.41	-3.15	N/A	-2.20	-2.80	N/A	-2.83	-3.63	N/A	2.00	2.52

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>	
				RU Index 53			RU Index 56			RU Index 60					
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>			
802.11ax-HE160 (80L)	5	6025	106T	-1.48	-1.37	N/A	-0.69	-0.46	N/A	0.00	0.07	N/A	2.15	5.20	
		6185		-2.65	-2.57	N/A	-1.76	-1.58	N/A	-1.54	-1.14	N/A	2.15	3.82	
		6345		-3.10	-3.27	N/A	-2.07	-2.27	N/A	-1.48	-1.75	N/A	2.05	3.45	
	6	6505		-3.64	-3.53	N/A	-2.78	-2.69	N/A	-2.37	-2.41	N/A	2.05	2.67	
		7		6665	-4.95	-4.85	N/A	-4.09	-3.76	N/A	-3.70	-3.14	N/A	2.05	1.65
				6825	-4.85	-4.51	N/A	-3.77	-3.65	N/A	-2.91	-3.40	N/A	2.00	1.86
	8	6985		-3.34	-3.84	N/A	-2.54	-3.14	N/A	-2.05	-2.84	N/A	2.00	2.58	

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>	
				RU Index S53			RU Index S56			RU Index S60					
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>			
802.11ax-HE160 (80H)	5	6025	106T	-0.14	-0.01	N/A	-0.61	-0.63	N/A	-1.89	-2.09	N/A	2.15	5.09	
		6185		-1.55	-1.21	N/A	-2.22	-1.68	N/A	-3.71	-3.16	N/A	2.15	3.78	
		6345		-1.76	-1.89	N/A	-2.24	-2.35	N/A	-3.57	-3.65	N/A	2.05	3.24	
	6	6505		-2.35	-2.49	N/A	-2.76	-2.99	N/A	-4.52	-4.44	N/A	2.05	2.64	
		7		6665	-3.62	-3.33	N/A	-4.11	-3.78	N/A	-5.46	-5.18	N/A	2.05	1.59
				6825	-3.09	-3.3	N/A	-3.45	-3.99	N/A	-4.84	-5.65	N/A	2.00	1.82
	8	6985		-2.16	-2.82	N/A	-2.94	-3.38	N/A	-4.43	-4.89	N/A	2.00	2.53	

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.



**Tones: 242T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	242T	2.65	2.11	N/A	2.15	7.55
		6175		3.00	2.06	N/A	2.15	7.72
		6415		2.92	1.65	N/A	2.05	7.39
	6	6435		2.13	1.05	N/A	2.05	6.68
		6475		1.96	1.38	N/A	2.05	6.74
		6515		1.89	1.58	N/A	2.05	6.80
	7	6535		-0.36	-0.47	N/A	2.05	4.65
		6695		-0.78	-0.56	N/A	2.05	4.39
		6855		-0.18	-0.79	N/A	2.00	4.54
	8	6875		-0.29	-1.08	N/A	2.00	4.34
		6995		0.39	-0.28	N/A	2.00	5.08
		7115		-3.10	-3.65	N/A	2.00	1.64

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	242T	2.71	1.98	N/A	2.27	1.94	N/A	2.15	7.52
		6165		2.22	2.00	N/A	2.48	1.73	N/A	2.15	7.28
		6405		2.28	1.49	N/A	2.54	1.37	N/A	2.05	7.05
	6	6445		1.85	0.93	N/A	1.77	1.12	N/A	2.05	6.52
		6485		1.85	1.06	N/A	1.64	1.32	N/A	2.05	6.54
	7	6525		1.73	1.32	N/A	2.52	1.74	N/A	2.05	7.21
		6685		-0.66	-0.53	N/A	-0.85	-0.68	N/A	2.05	4.47
		6845		-0.12	-0.44	N/A	0.11	-0.60	N/A	2.00	4.78
	8	6885		-0.30	-1.16	N/A	-0.15	-1.3	N/A	2.00	4.32
		7005		0.38	-0.62	N/A	0.36	-0.48	N/A	2.00	4.97
		7085		0.89	-0.05	N/A	0.71	0.18	N/A	2.00	5.46

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE80	5	5985	242T	2.32	1.44	N/A	2.38	1.59	N/A	2.17	1.5	N/A	2.15	7.16
		6145		2.41	1.46	N/A	2.40	1.86	N/A	2.19	1.68	N/A	2.15	7.30
		6385		2.21	1.37	N/A	2.36	1.27	N/A	2.18	1.46	N/A	2.05	6.91
	6	6465		1.66	0.76	N/A	2.85	1.79	N/A	1.76	1.08	N/A	2.05	7.41
		6545		1.66	1.07	N/A	2.63	1.92	N/A	2.35	1.15	N/A	2.05	7.35
		6625		-0.75	-0.85	N/A	-0.30	-0.34	N/A	2.44	1.44	N/A	2.05	7.03
	7	6705		-0.83	-0.97	N/A	-0.68	-0.54	N/A	-1.05	-1.08	N/A	2.05	4.45
		6785		-0.10	-0.34	N/A	0.18	0.12	N/A	-0.06	-0.5	N/A	2.05	5.21
		6865		-0.05	-1.02	N/A	-0.07	-0.68	N/A	-0.38	-1.03	N/A	2.00	4.65
	8	6945		0.57	-0.15	N/A	0.97	0.04	N/A	0.45	-0.32	N/A	2.00	5.54
		7025		0.01	-0.97	N/A	0.42	-0.44	N/A	0.09	-0.9	N/A	2.00	5.02

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	242T	2.85	2.1	N/A	3.22	2.16	N/A	2.64	2.06	N/A	2.15	7.88
		6185		2.67	1.94	N/A	3.18	2.34	N/A	2.76	1.77	N/A	2.15	7.94
		6345		2.59	1.70	N/A	2.79	1.97	N/A	2.61	1.80	N/A	2.05	7.46
	6	6505		2.01	1.08	N/A	3.05	2.29	N/A	1.95	1.29	N/A	2.05	7.75
		6665		-0.79	-0.73	N/A	0.08	-0.05	N/A	0.67	0.47	N/A	2.05	5.63
		6825		-0.23	-0.96	N/A	0.56	-0.14	N/A	1.02	0.55	N/A	2.00	5.80
	8	6985		0.33	-0.69	N/A	0.94	0.10	N/A	1.56	0.65	N/A	2.00	6.14

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S61			RU Index S62			RU Index S64				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	242T	2.44	2.02	N/A	2.62	2.11	N/A	2.56	2.18	N/A	2.15	7.53
		6185		2.95	1.89	N/A	2.59	1.83	N/A	2.66	1.87	N/A	2.15	7.61
		6345		2.76	1.60	N/A	2.61	1.46	N/A	2.73	1.82	N/A	2.05	7.36
	6	6505		1.95	1.32	N/A	2.77	2.12	N/A	2.81	1.89	N/A	2.05	7.52
		6665		0.61	0.61	N/A	-0.92	-0.84	N/A	-0.9	-0.87	N/A	2.05	5.67
		6825		1.11	0.64	N/A	0.82	0.19	N/A	-0.44	-1.03	N/A	2.00	5.89
	8	6985		1.71	0.49	N/A	1.60	0.49	N/A	0.17	-0.7	N/A	2.00	6.15

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 484T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	484T	5.13	4.82	N/A	2.15	10.14
		6165		5.23	4.96	N/A	2.15	10.26
		6405		5.15	4.33	N/A	2.05	9.82
	6	6445		5.4	4.33	N/A	2.05	9.96
		6485		5.17	4.62	N/A	2.05	9.96
		7		6525	4.92	4.74	N/A	2.05
	6685			4.59	3.93	N/A	2.05	9.33
	6845			4.67	3.8	N/A	2.00	9.27
	8	6885		4.53	3.55	N/A	2.00	9.08
		7005		4.44	3.67	N/A	2.00	9.08
		7085		4.32	3.49	N/A	2.00	8.94

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	484T	4.98	4.5	N/A	5.82	5.28	N/A	2.15	10.72
		6145		4.94	4.27	N/A	5.79	5.26	N/A	2.15	10.69
		6385		5.35	4.39	N/A	5.78	4.92	N/A	2.05	10.43
	6	6465		5.02	4.56	N/A	5.75	5.26	N/A	2.05	10.57
		6545		4.23	3.43	N/A	5.84	5.01	N/A	2.05	10.51
		7		6625	4.3	3.78	N/A	5.32	4.17	N/A	2.05
	6705			4.32	3.78	N/A	5.24	4.47	N/A	2.05	9.93
	6785			4.58	3.48	N/A	5.15	4.34	N/A	2.05	9.82
	8	6865		4.32	3.64	N/A	5.31	4.27	N/A	2.00	9.83
		6945		4.57	3.99	N/A	5.06	4.19	N/A	2.00	9.66
		7025		4.59	3.98	N/A	5.19	4.29	N/A	2.00	9.77

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80L)	5	6025	484T	5.75	5.07	N/A	6.29	5.52	N/A	2.15	11.08
		6185		5.38	4.94	N/A	6.18	5.73	N/A	2.15	11.12
		6345		5.47	4.87	N/A	5.91	5.30	N/A	2.05	10.68
	6	6505		5.68	4.65	N/A	5.87	5.46	N/A	2.05	10.73
		6665		4.94	3.86	N/A	5.36	4.42	N/A	2.05	9.98
	7	6825		4.91	4.21	N/A	5.42	4.61	N/A	2.00	10.04
		6985		4.85	3.71	N/A	5.41	4.21	N/A	2.00	9.86

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S65			RU Index S66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80H)	5	6025	484T	5.51	5.03	N/A	6.01	5.50	N/A	2.15	10.92
		6185		5.56	4.93	N/A	6.29	5.49	N/A	2.15	11.07
		6345		5.71	4.78	N/A	6.22	5.26	N/A	2.05	10.83
	6	6505		5.48	4.85	N/A	6.19	5.41	N/A	2.05	10.88
		6665		4.80	3.97	N/A	5.28	4.70	N/A	2.05	10.06
	7	6825		4.85	3.9	N/A	5.37	4.48	N/A	2.00	9.96
		6985		4.83	3.96	N/A	5.35	4.40	N/A	2.00	9.91

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

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

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 996T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	996T	7.38	7.37	N/A	2.15	12.54
		6145		7.54	7.44	N/A	2.15	12.65
		6385		7.5	7.48	N/A	2.05	12.55
	6	6465		7.14	7.09	N/A	2.05	12.18
		6545		7.13	7.2	N/A	2.05	12.23
	7	6625		6.67	6.64	N/A	2.05	11.72
		6705		6.84	6.5	N/A	2.05	11.73
		6785		6.88	6.65	N/A	2.05	11.83
	8	6865		6.71	6.75	N/A	2.00	11.74
		6945		6.6	6.6	N/A	2.00	11.61
		7025		6.42	6.44	N/A	2.00	11.44

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67			RU Index S67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160	5	6025	484T	7.41	7.39	N/A	7.44	7.46	N/A	2.15	12.61
		6185		7.43	7.34	N/A	7.52	7.41	N/A	2.15	12.63
		6345		7.61	7.54	N/A	7.49	7.53	N/A	2.05	12.64
	6	6505		7.11	6.95	N/A	6.81	7.01	N/A	2.05	12.09
		6665		6.56	6.57	N/A	6.69	6.5	N/A	2.05	11.66
	7	6825		6.82	6.67	N/A	6.48	6.53	N/A	2.00	11.76
		6985		6.34	6.47	N/A	6.33	6.33	N/A	2.00	11.42

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

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

Directional gain:

$$5925\text{MHz: } 10 \log[(10^{2.0/10} + 10^{2.3/10})/2] = 2.15\text{dBi}$$

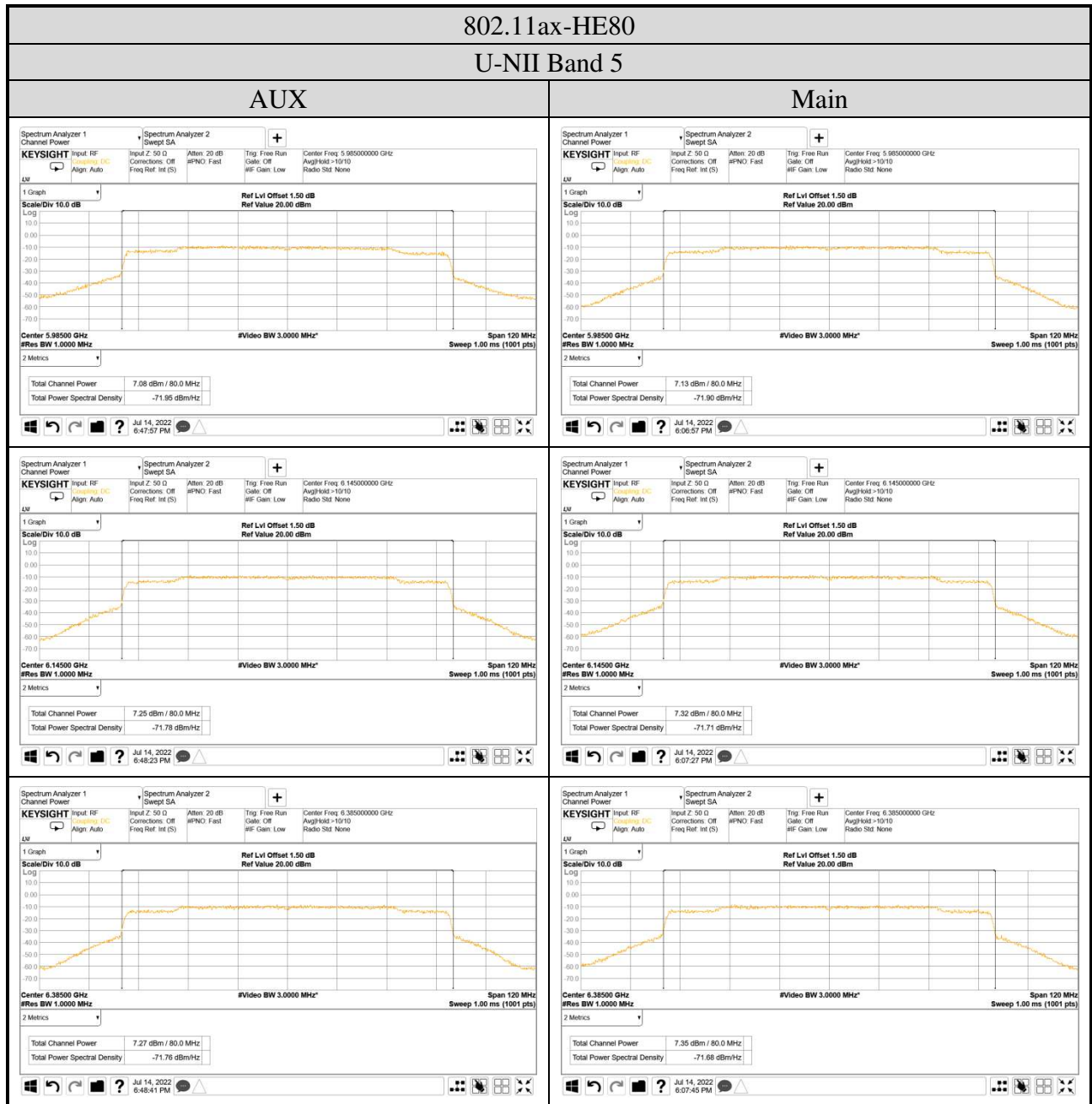
$$6525\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.2/10})/2] = 2.05\text{dBi}$$

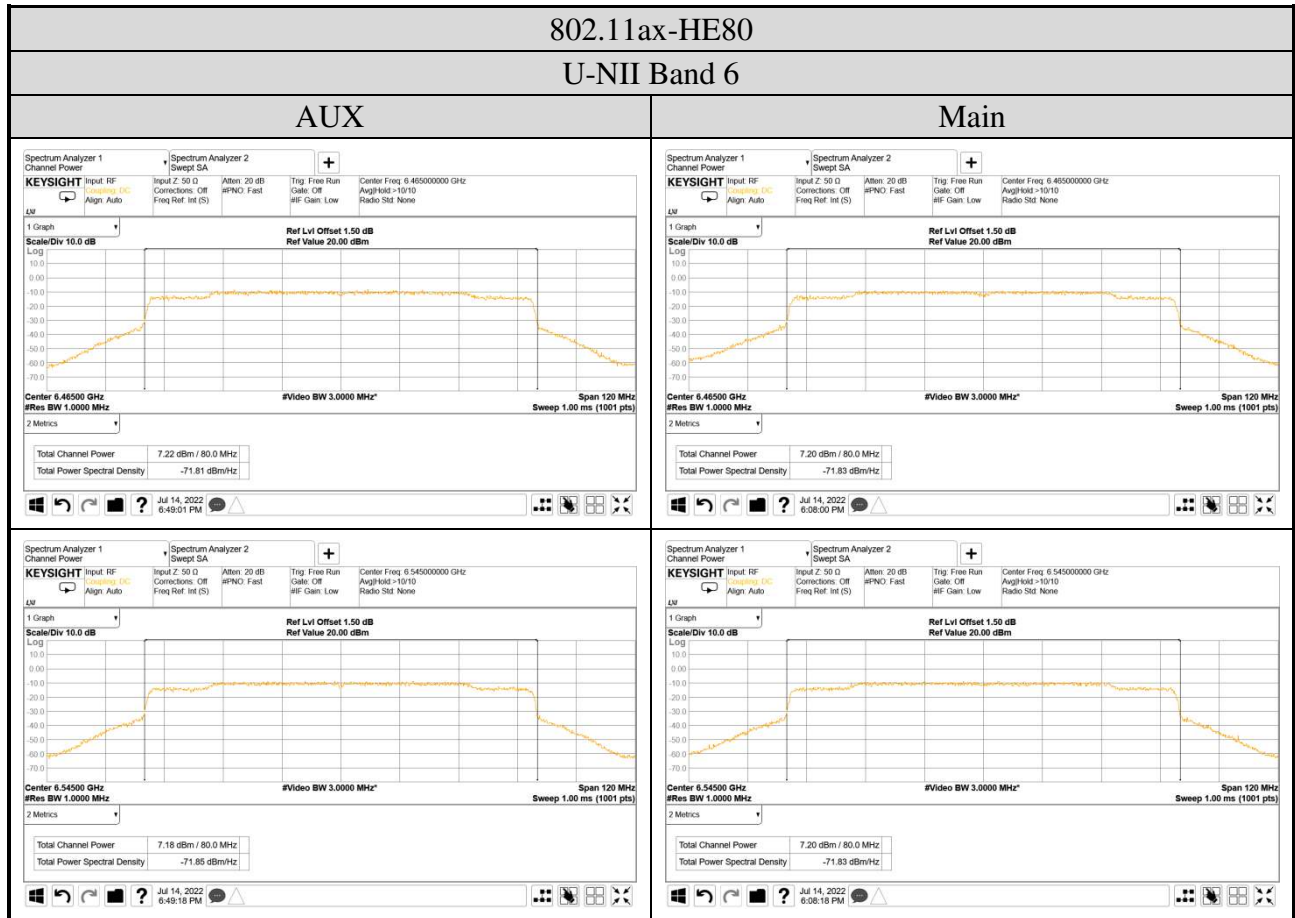
$$7125\text{MHz: } 10 \log[(10^{1.9/10} + 10^{2.1/10})/2] = 2.00\text{dBi}$$

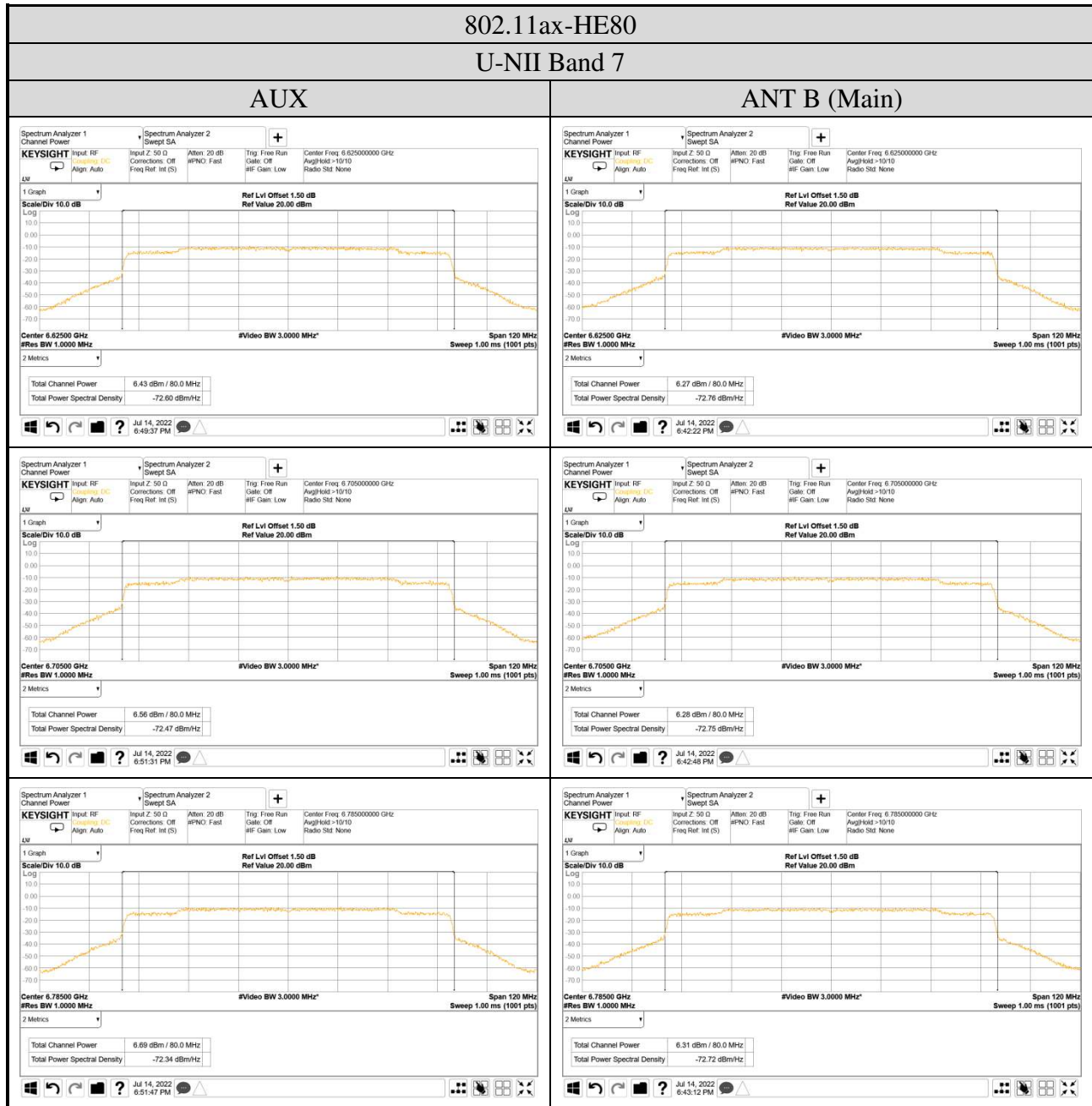
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

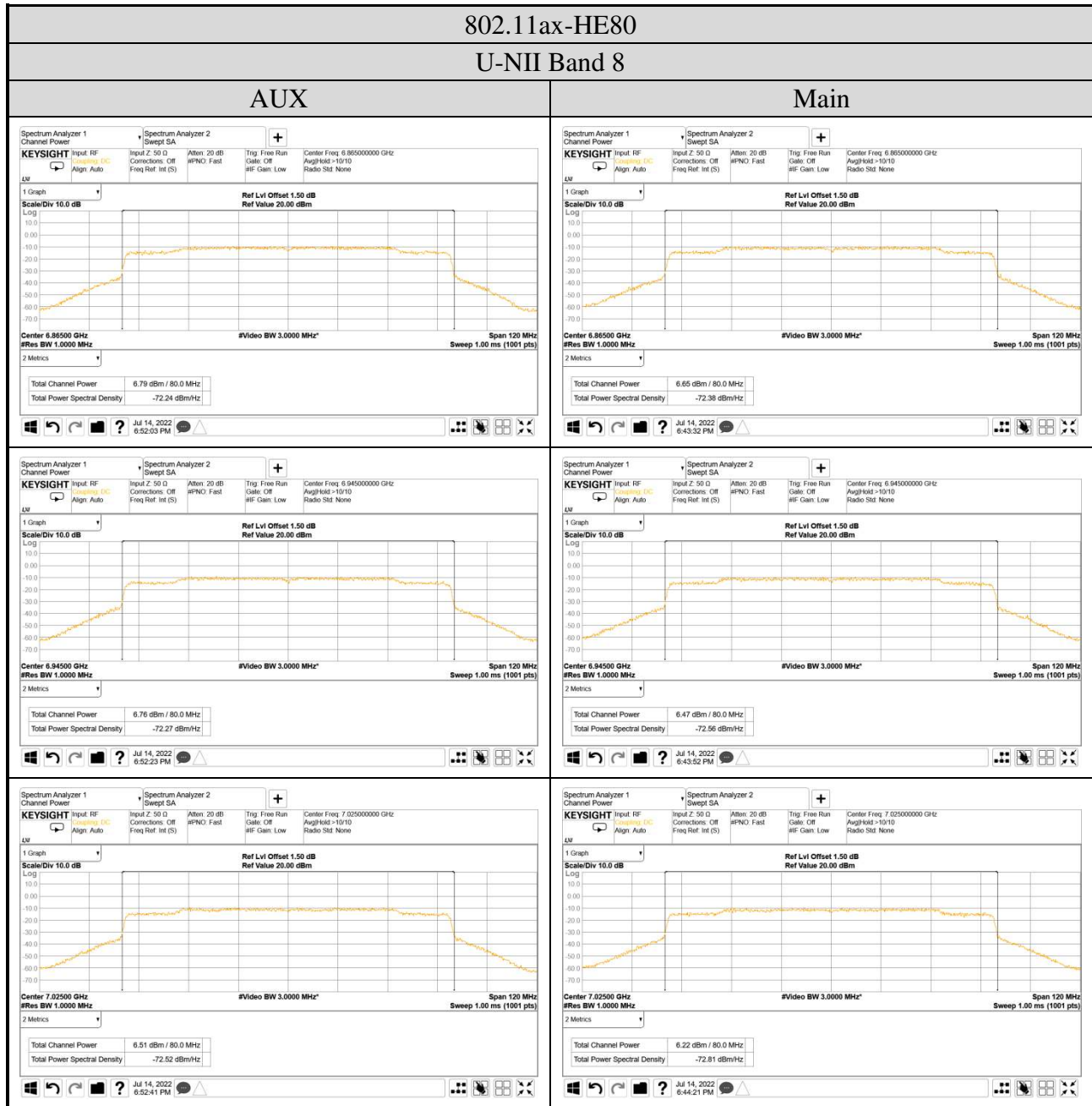
A.4.2 Measurement Plots

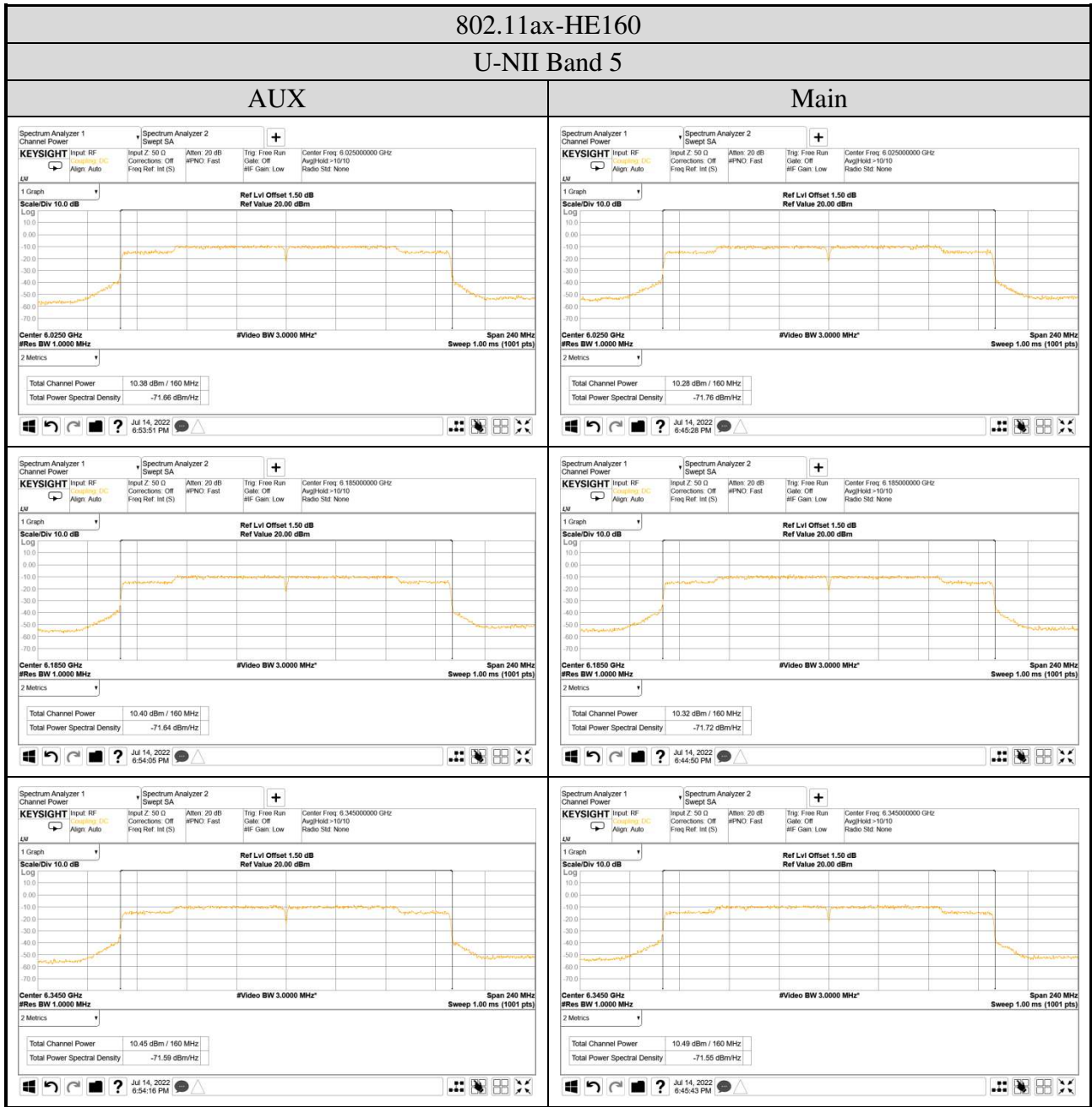


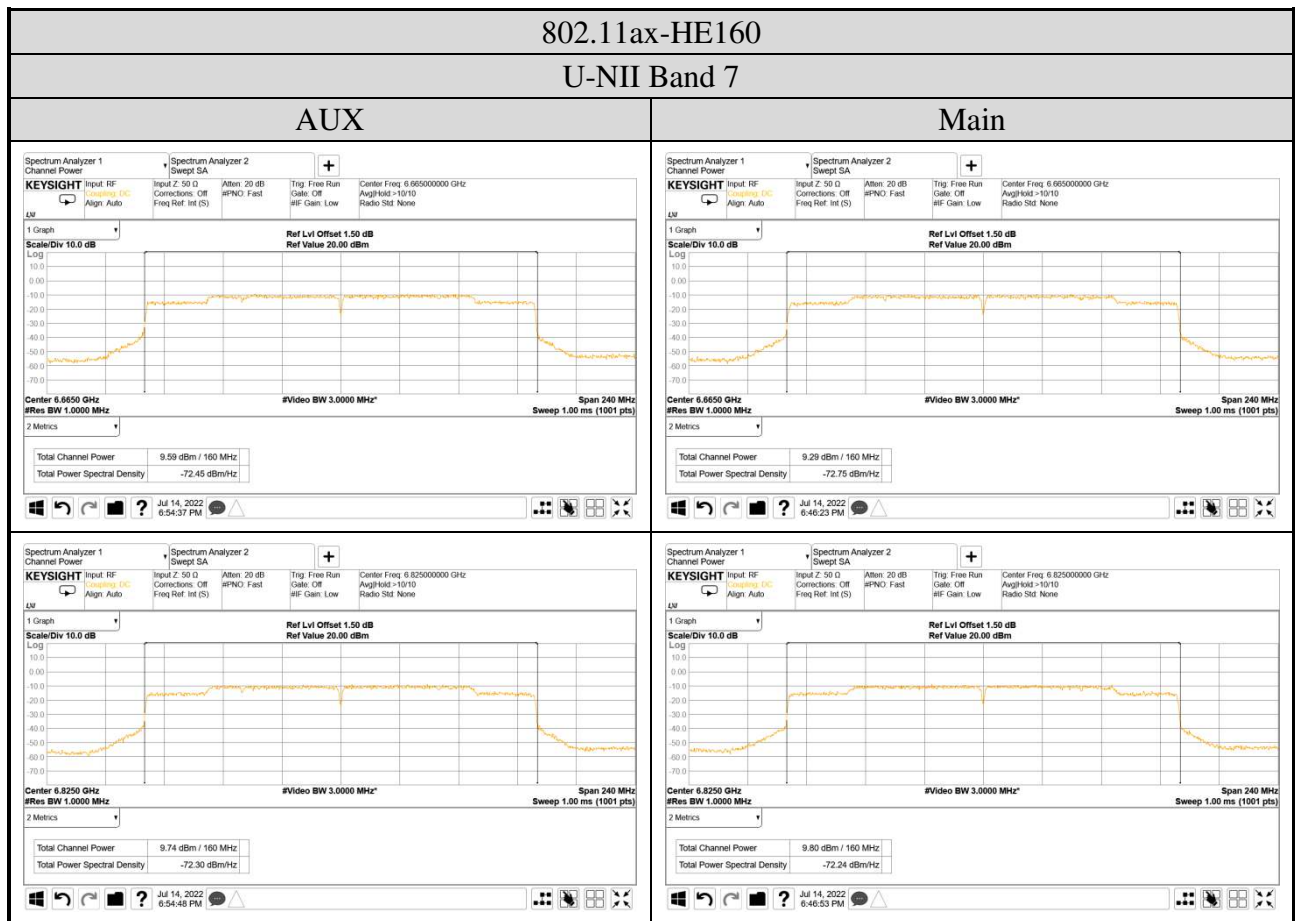
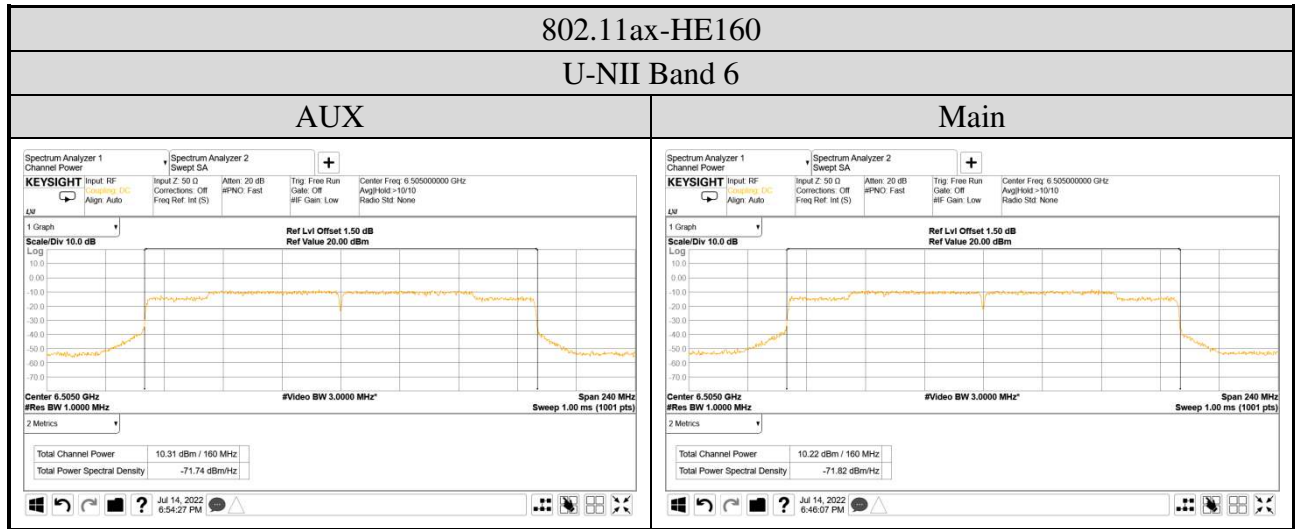


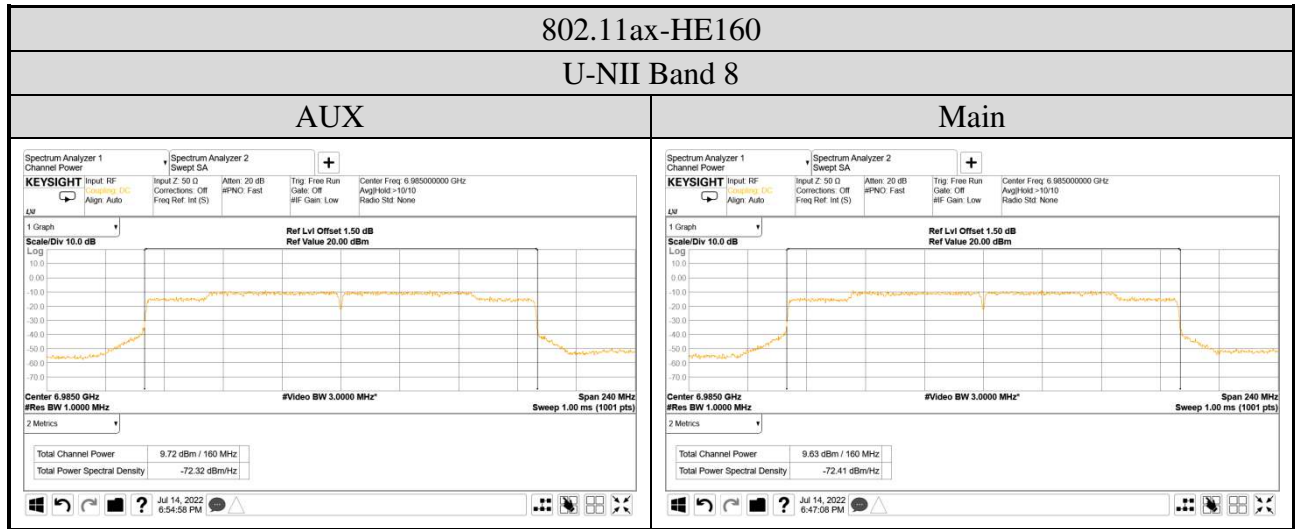


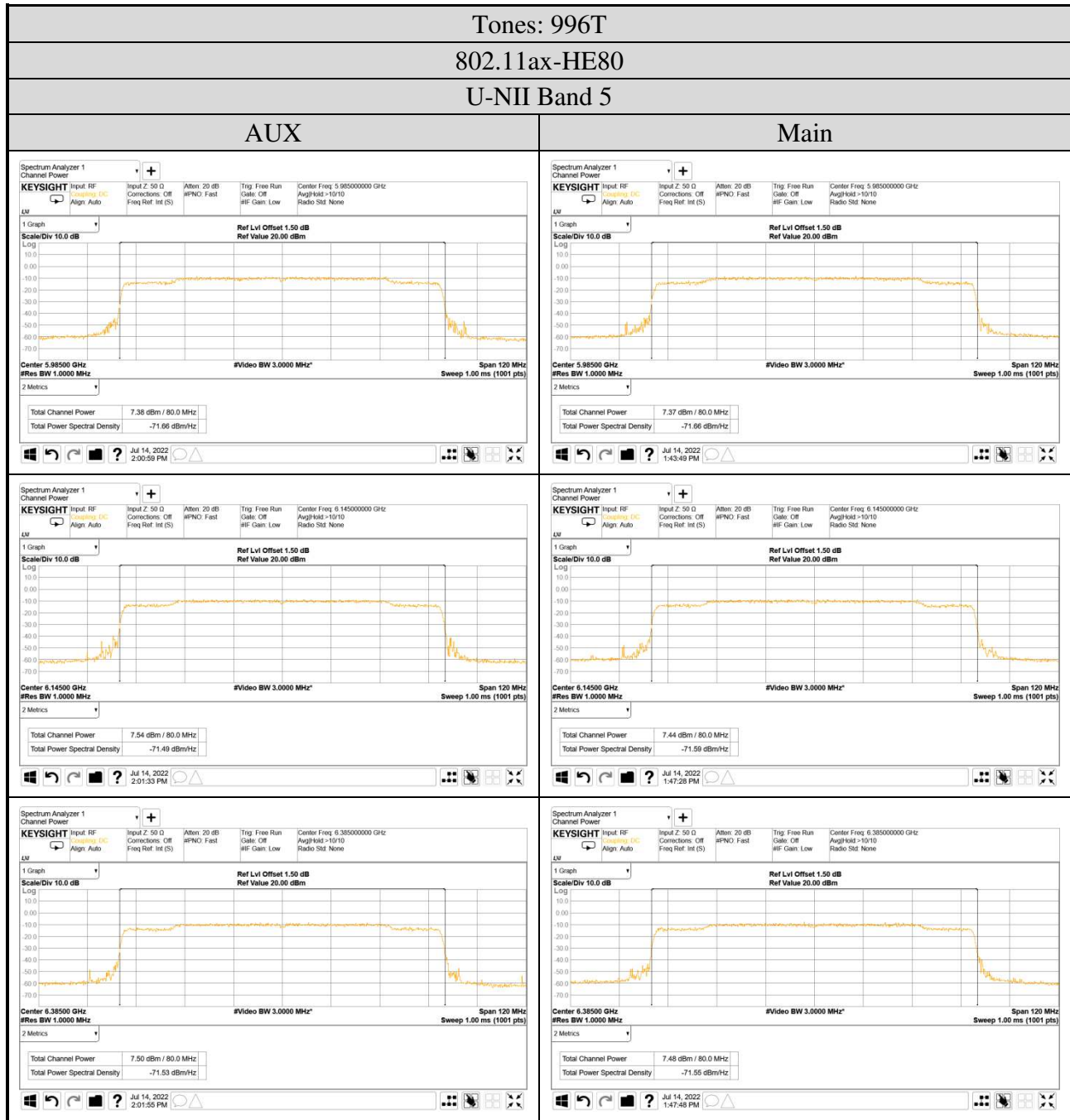












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