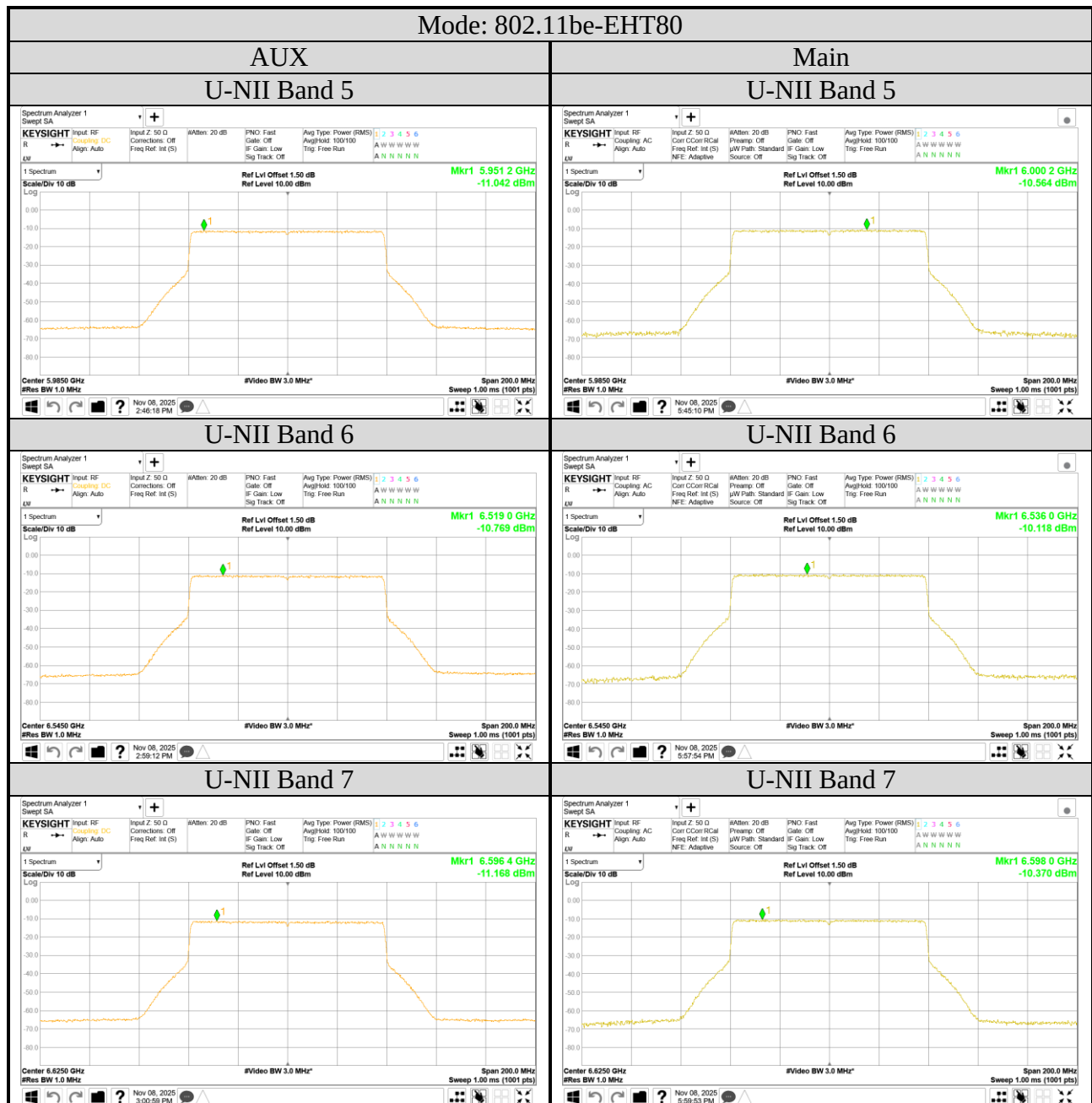
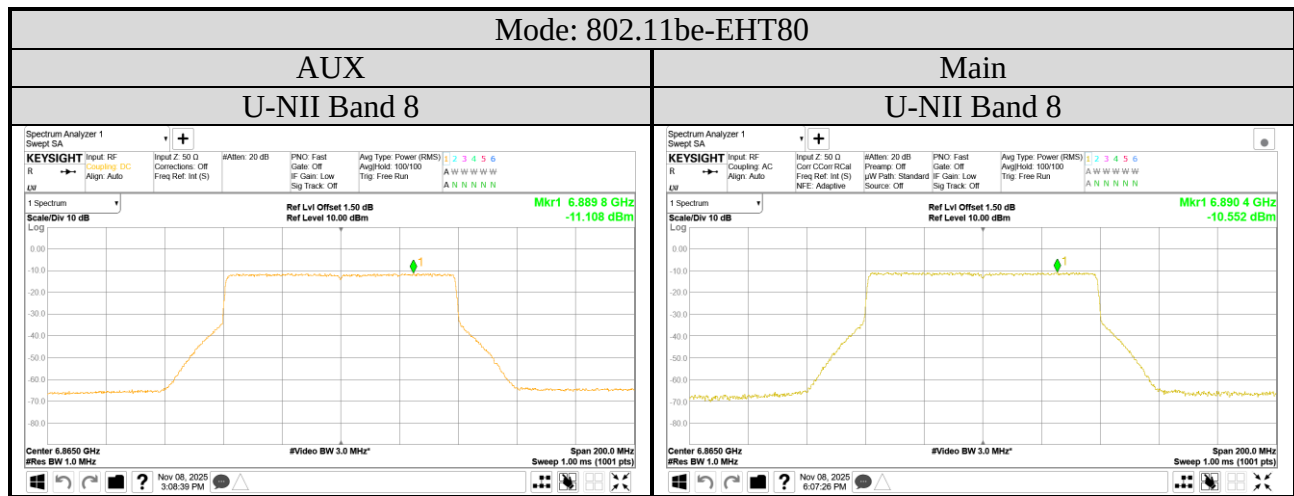




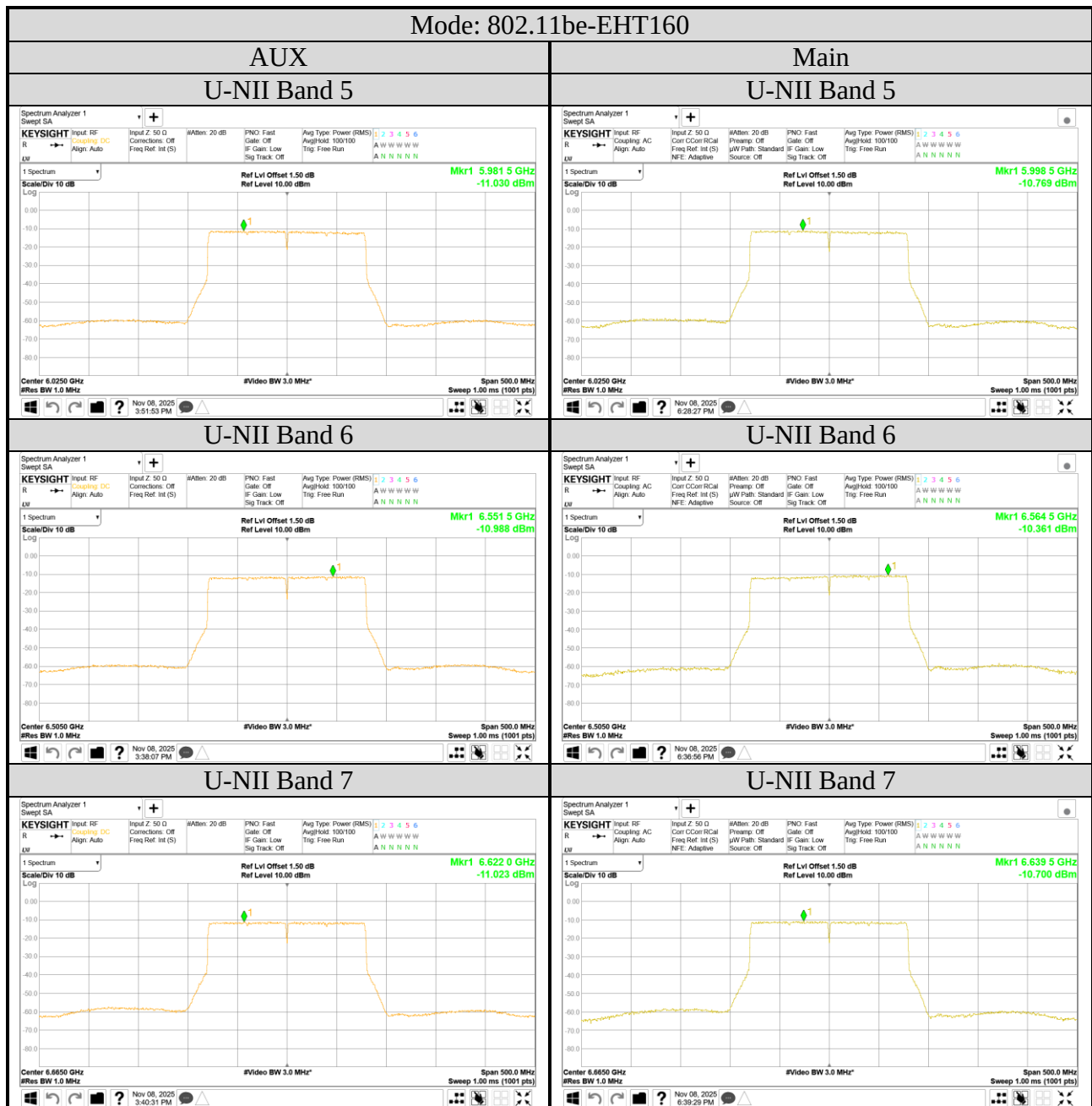
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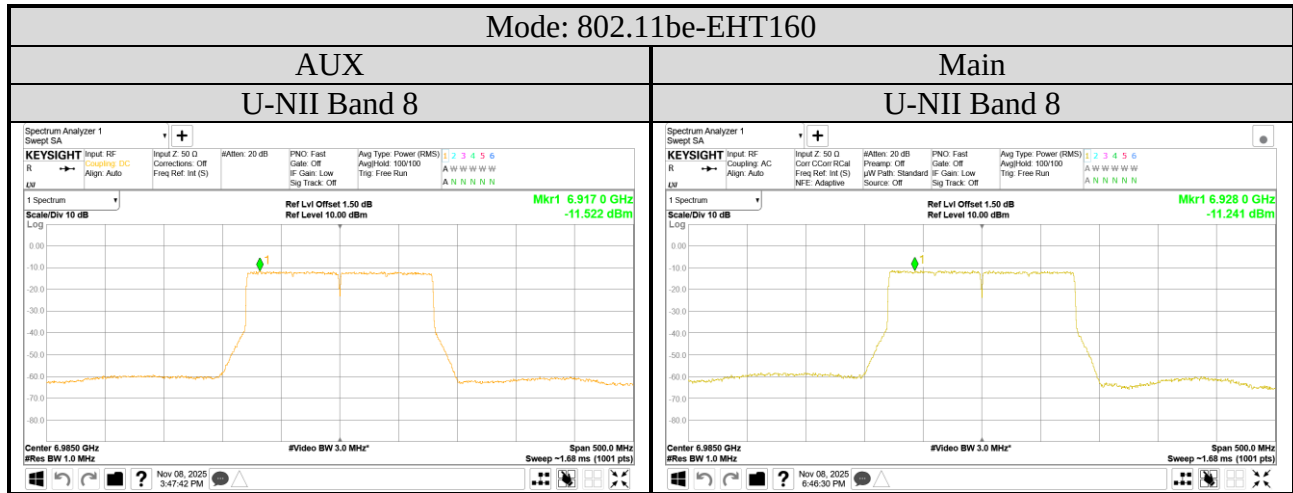
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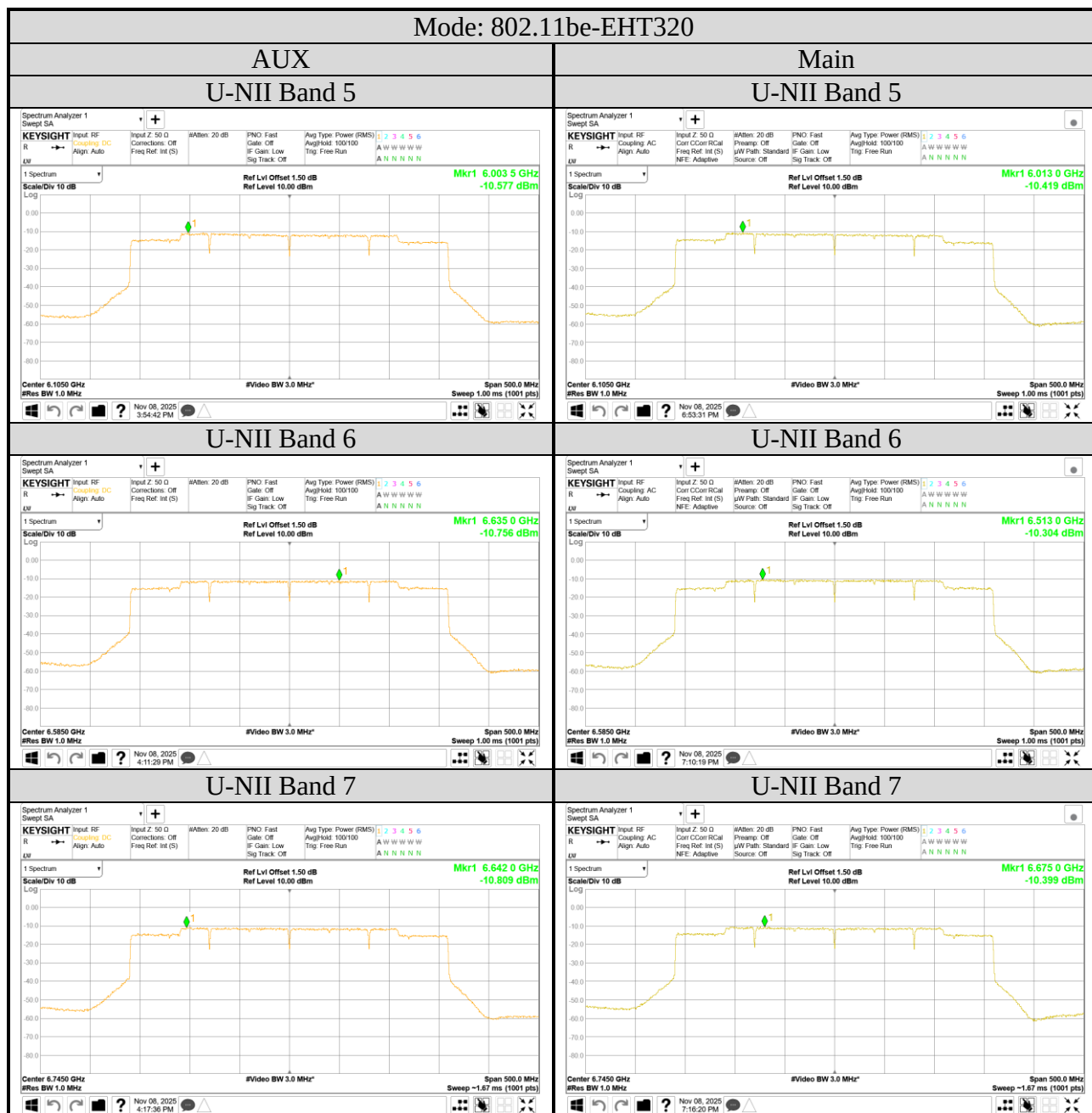
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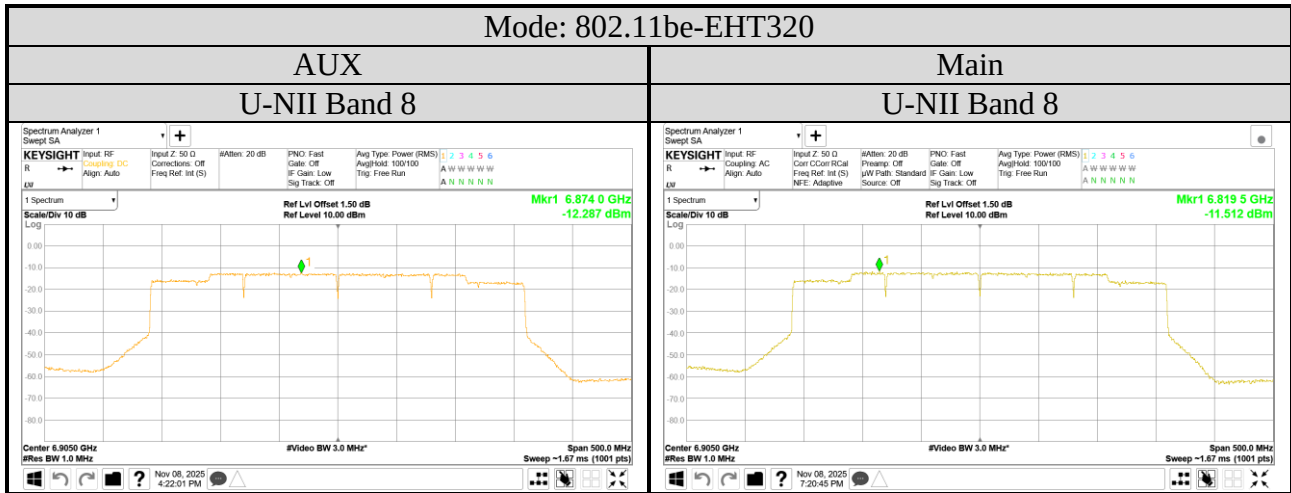
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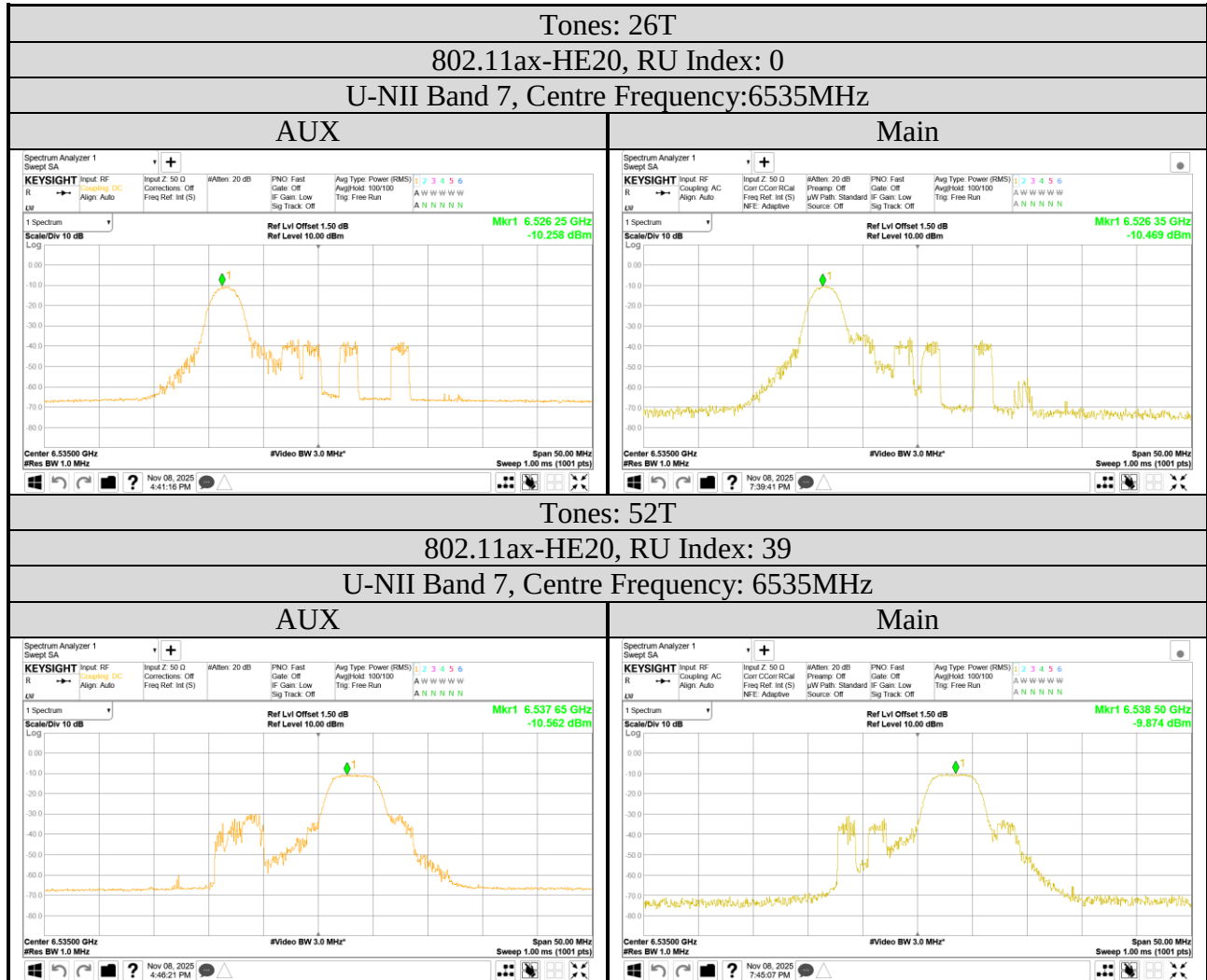
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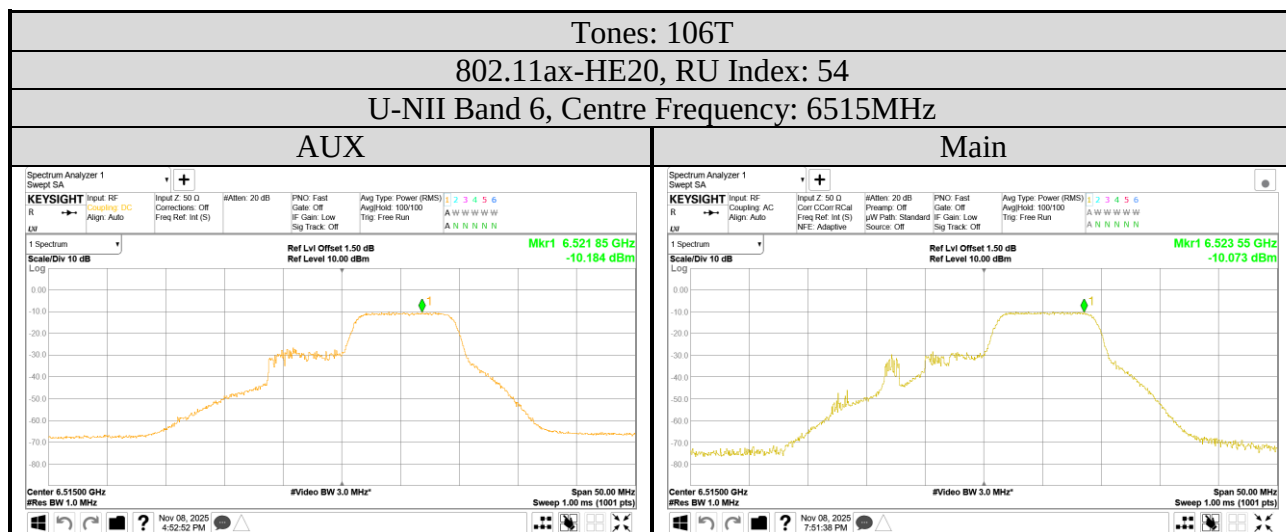


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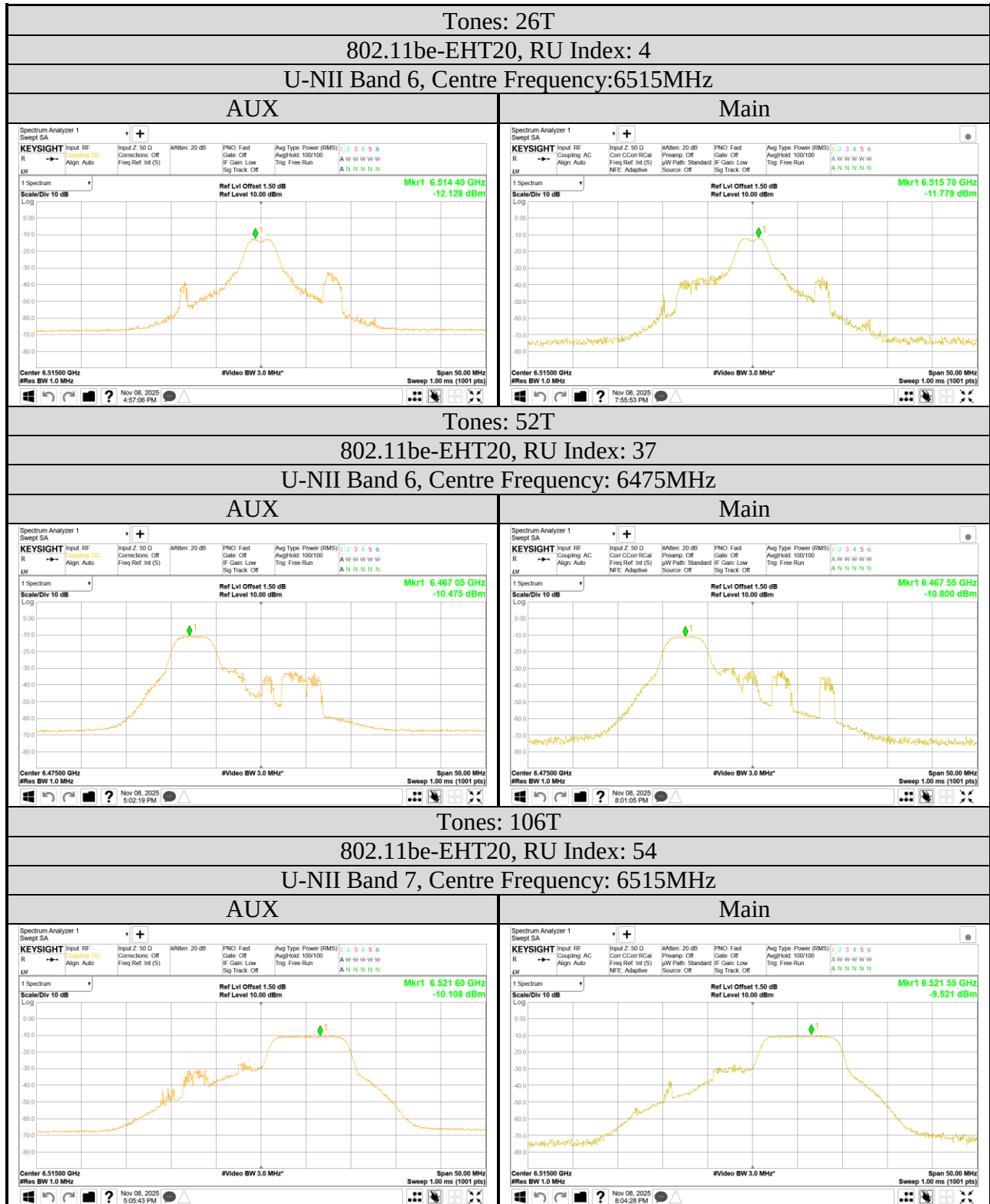
● OFDMA Modulation





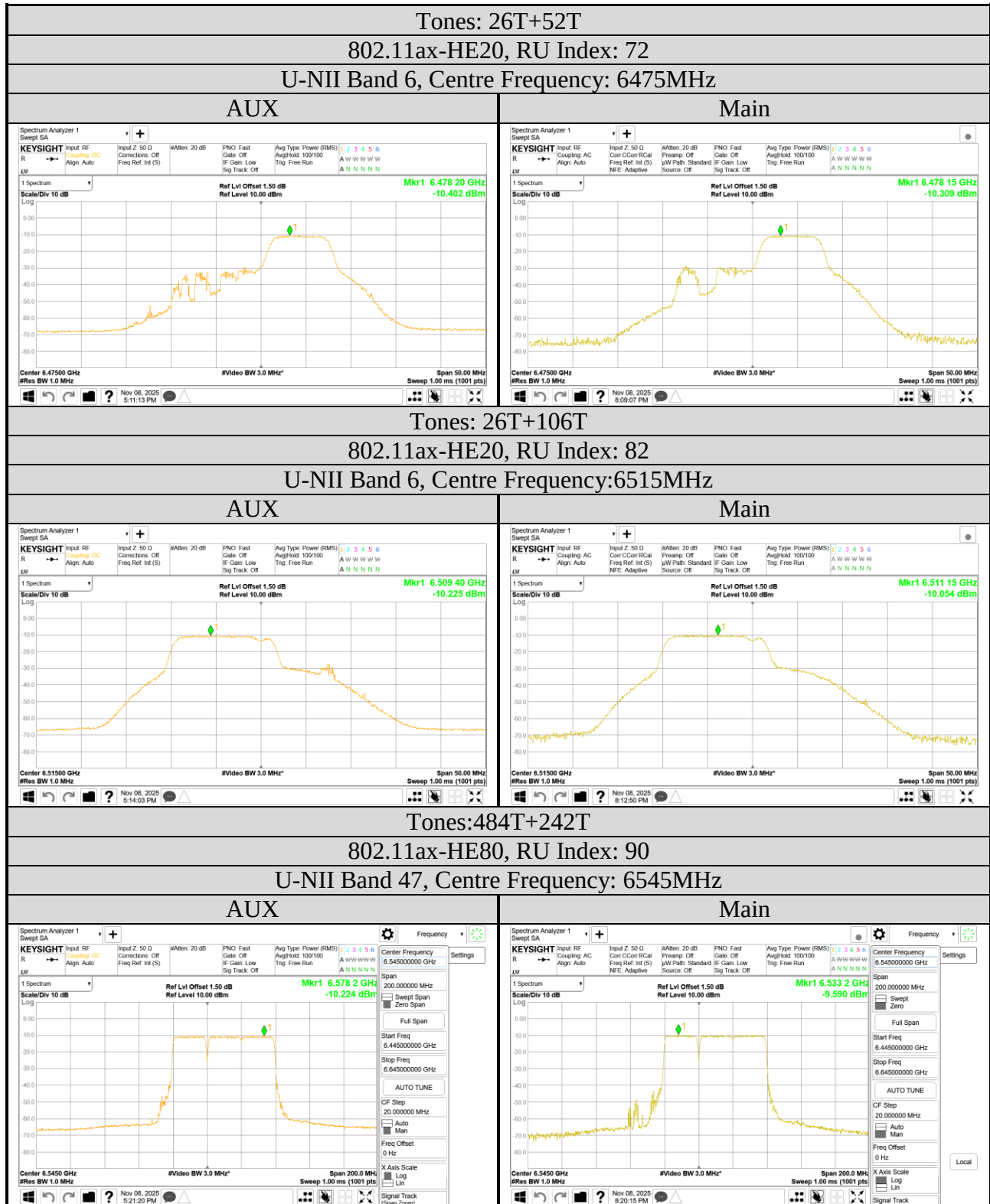
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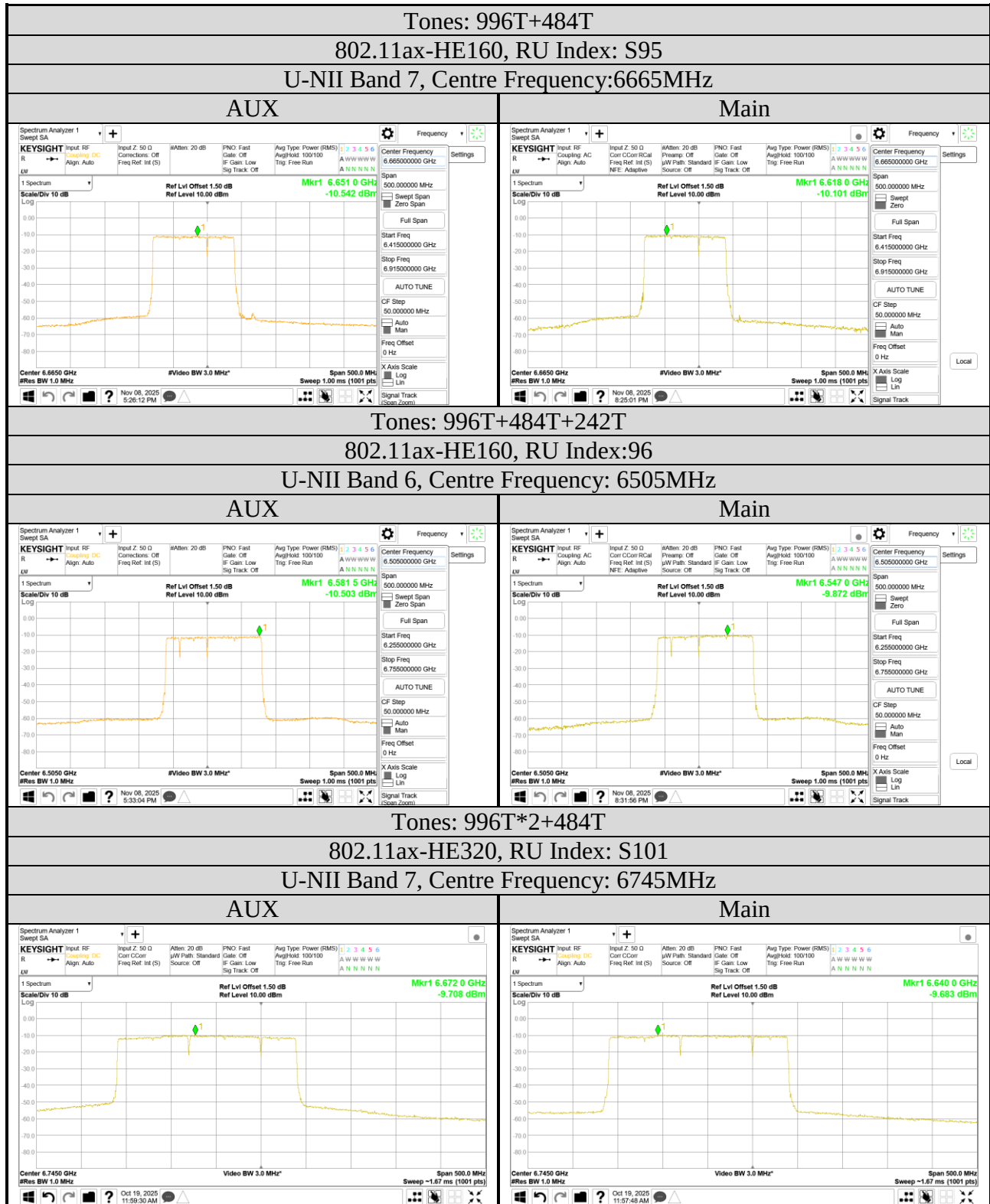
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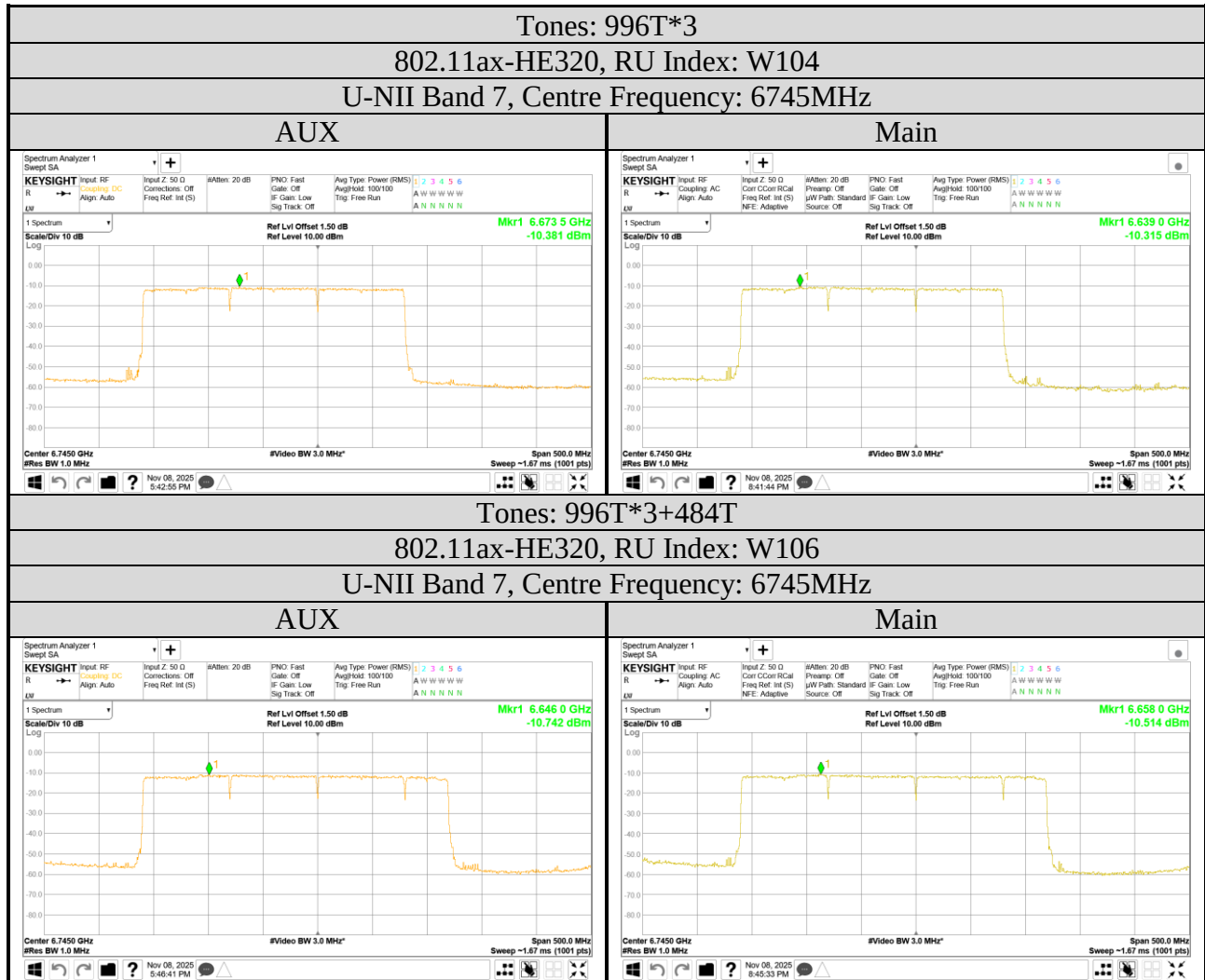
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A.4 MAXIMUM CONDUCTED OUTPUT POWER

Test Date	2025/09/23 ~ 10/21	Temp./Hum.	22 ~ 25°C/57 ~ 66%
Cable Loss	1.50dB	Tested By	Chuntse Wu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.4.1 Conducted Output Power Result

● OFDM Modulation

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) ^{Note3}	Total E.I.R.P. (dBm) ^{Note2}	Limit
			AUX	Main				
802.11ax-HE20	5	5955	2.27	3.03	N/A	0.69	6.37	24dBm
		6175	2.40	1.83		0.69	5.82	
		6415	2.41	2.47		0.69	6.14	
	6	6435	2.35	2.67		1.48	7.00	
		6475	3.35	3.22		1.48	7.78	
		6515	2.92	2.28		1.48	7.10	
	7	6535	3.20	2.88		1.48	7.53	
		6695	2.43	2.15		1.48	6.78	
		6855	2.25	2.21		1.48	6.72	
	8	6875	1.97	2.74		0.70	6.08	
		6995	1.50	1.68		0.70	5.30	
		7115	-8.35	-7.73		0.70	-4.32	
802.11ax-HE40	5	5965	5.60	5.72	N/A	0.69	9.36	24dBm
		6165	5.06	5.14		0.69	8.80	
		6405	5.58	5.32		0.69	9.15	
	6	6445	5.65	5.78		1.48	10.21	
		6485	5.99	5.61		1.48	10.29	
	7	6525	5.59	5.83		1.48	10.20	
		6685	5.56	5.77		1.48	10.16	
		6845	5.46	5.28		1.48	9.86	
	8	6885	5.16	5.25		0.70	8.92	
		7005	4.32	4.37		0.70	8.06	
		7085	3.94	3.73		0.70	7.55	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7$ 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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Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) ^{Note3}	Total E.I.R.P. (dBm) ^{Note2}	Limit
			AUX	Main				
802.11ax-HE80	5	5985	7.03	6.48	N/A	0.69	10.46	24dBm
		6145	6.62	6.33		0.69	10.18	
		6385	7.11	6.20		0.69	10.38	
	6	6465	7.15	6.28		1.48	11.23	
		6545	7.37	6.67		1.48	11.52	
	7	6625	7.17	6.69		1.48	11.43	
		6705	6.92	6.15		1.48	11.04	
		6785	6.93	6.23		1.48	11.08	
	8	6865	6.83	6.58		0.70	10.42	
		6945	6.84	6.41		0.70	10.34	
		7025	6.38	5.73		0.70	9.78	
802.11ax-HE160	5	6025	10.26	9.78	N/A	0.69	13.73	24dBm
		6185	9.88	9.56		0.69	13.42	
		6345	10.16	9.46		0.69	13.52	
	6	6505	10.45	9.73		1.48	14.60	
		6665	10.38	9.86		1.48	14.62	
	7	6825	10.29	9.79		1.48	14.54	
		6985	9.96	9.54		0.70	13.47	
	8							

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7$ 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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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				
802.11be-EHT20	5	5955	1.95	2.75	N/A	0.69	6.07	24dBm
		6175	1.68	2.19		0.69	5.64	
		6415	2.14	2.06		0.69	5.80	
	6	6435	2.15	2.70		1.48	6.92	
		6475	2.62	2.47		1.48	7.04	
		6515	3.02	3.42		1.48	7.71	
	7	6535	3.32	2.64		1.48	7.48	
		6695	2.13	2.72		1.48	6.93	
		6855	2.73	2.90		1.48	7.31	
	8	6875	2.11	2.30		0.70	5.92	
		6995	1.58	2.04		0.70	5.53	
		7115	-7.79	-7.82		0.70	-4.09	
802.11be-EHT40	5	5965	5.35	5.63	N/A	0.69	9.19	24dBm
		6165	5.11	4.87		0.69	8.69	
		6405	5.95	5.79		0.69	9.57	
	6	6445	5.07	5.19		1.48	9.62	
		6485	5.75	5.72		1.48	10.23	
	7	6525	5.94	5.57		1.48	10.25	
		6685	4.96	5.54		1.48	9.75	
		6845	5.04	5.22		1.48	9.62	
	8	6885	4.61	5.20		0.70	8.63	
		7005	4.19	4.14		0.70	7.88	
		7085	3.53	3.84		0.70	7.40	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2]$ = 0.69dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2]$ = 1.48dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2]$ = 1.48dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2]$ = 0.7dBi

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

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Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) ^{Note3}	Total E.I.R.P. (dBm) ^{Note2}	Limit
			AUX	Main				
802.11be-EHT80	5	5985	7.17	6.56	N/A	0.69	10.58	24dBm
		6145	6.74	6.48		0.69	10.31	
		6385	7.15	6.28		0.69	10.44	
	6	6465	7.23	6.33		1.48	11.29	
		6545	7.38	6.73		1.48	11.56	
		6625	7.18	6.79		1.48	11.48	
	7	6705	6.97	6.17		1.48	11.08	
		6785	6.95	6.24		1.48	11.10	
	8	6865	6.83	6.58		0.70	10.42	
		6945	6.86	6.50		0.70	10.39	
		7025	6.34	5.79		0.70	9.78	
802.11be-EHT160	5	6025	10.24	9.87	N/A	0.69	13.76	24dBm
		6185	9.84	9.61		0.69	13.43	
		6345	10.15	9.50		0.69	13.54	
	6	6505	10.41	9.76		1.48	14.59	
		6665	10.37	9.92		1.48	14.64	
		6825	10.30	9.87		1.48	14.58	
	8	6985	9.92	9.67		0.70	13.51	
802.11be-EHT320	5	6105	12.24	12.04	N/A	0.69	15.84	24dBm
		6265	12.16	11.84		0.69	15.70	
		6425	12.47	11.94		0.69	15.91	
	6	6585	12.48	12.19		1.48	16.83	
		6745	12.58	12.21		1.48	16.89	
	8	6905	11.13	10.72		0.70	14.64	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})/2] = 0.69\text{dBi}$

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})/2] = 1.48\text{dBi}$

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})/2] = 1.48\text{dBi}$

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})/2] = 0.7\text{dBi}$

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● OFDMA Modulation

Tones: 26T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 4			RU Index 8				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE20	5	5955	26T	-6.88	-6.63	N/A	-6.67	-7.11	N/A	-6.89	-6.67	N/A	0.69	-3.05
		6175		-6.45	-6.34	N/A	-6.40	-7.10	N/A	-6.33	-6.47	N/A	0.69	-2.69
		6415		-6.01	-6.53	N/A	-6.49	-7.04	N/A	-7.02	-6.89	N/A	0.69	-2.56
	6	6435		-6.60	-7.04	N/A	-6.30	-6.60	N/A	-6.71	-6.93	N/A	1.48	-1.96
		6475		-5.92	-6.59	N/A	-6.22	-6.81	N/A	-6.17	-6.55	N/A	1.48	-1.75
		6515		-6.49	-6.36	N/A	-6.39	-6.43	N/A	-6.30	-6.32	N/A	1.48	-1.82
	7	6535		-5.78	-5.99	N/A	-6.54	-6.11	N/A	-6.49	-6.28	N/A	1.48	-1.39
		6695		-6.83	-6.50	N/A	-6.72	-7.10	N/A	-7.35	-6.45	N/A	1.48	-2.17
		6855		-6.81	-6.78	N/A	-6.66	-7.01	N/A	-7.06	-7.01	N/A	1.48	-2.30
	8	6875		-6.99	-6.87	N/A	-6.65	-6.69	N/A	-6.98	-6.79	N/A	0.7	-2.96
		6995		-8.07	-8.20	N/A	-8.51	-7.61	N/A	-7.94	-7.47	N/A	0.7	-3.99
		7115		-8.77	-9.34	N/A	-9.05	-9.45	N/A	-11.12	-11.19	N/A	0.7	-5.34

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7$ 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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Tones: 52T

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 39			RU Index 40				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE20	5	5955	52T	-4.17	-5.41	N/A	-3.87	-4.82	N/A	-3.76	-5.10	N/A	0.69	-0.62
		6175		-4.49	-4.83	N/A	-4.66	-4.81	N/A	-4.84	-5.77	N/A	0.69	-0.96
		6415		-3.83	-4.86	N/A	-3.89	-4.64	N/A	-4.14	-4.81	N/A	0.69	-0.55
	6	6435		-3.83	-4.68	N/A	-3.66	-4.24	N/A	-4.32	-4.65	N/A	1.48	0.55
		6475		-3.40	-4.07	N/A	-3.40	-4.13	N/A	-3.79	-4.16	N/A	1.48	0.77
		6515		-3.72	-3.97	N/A	-3.68	-4.04	N/A	-3.88	-3.91	N/A	1.48	0.65
	7	6535		-3.52	-3.87	N/A	-3.79	-3.56	N/A	-3.73	-4.12	N/A	1.48	0.82
		6695		-4.55	-4.25	N/A	-4.18	-4.34	N/A	-3.98	-4.52	N/A	1.48	0.25
		6855		-4.13	-4.57	N/A	-4.13	-4.12	N/A	-4.38	-4.52	N/A	1.48	0.37
	8	6875		-4.29	-4.82	N/A	-4.12	-4.41	N/A	-3.97	-4.93	N/A	0.7	-0.55
		6995		-5.00	-4.82	N/A	-5.04	-5.18	N/A	-5.51	-5.48	N/A	0.7	-1.20
		7115		-5.97	-6.03	N/A	-6.09	-6.43	N/A	-10.17	-10.48	N/A	0.7	-2.29

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2]$ = 0.69dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2]$ = 1.48dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2]$ = 1.48dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2]$ = 0.7dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 53			RU Index 54				
				AUX	Main	Duty Cycle Factor (dB) $10\log(1/X)$ ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) $10\log(1/X)$ ^{Note 3}		
802.11ax-HE20	5	5955	106T	-1.70	-2.07	N/A	-1.42	-2.34	N/A	0.69	1.84
		6175		-1.42	-2.61	N/A	-1.36	-2.41	N/A	0.69	1.85
		6415		-0.71	-1.28	N/A	-0.87	-1.04	N/A	0.69	2.75
	6	6435		-1.24	-1.55	N/A	-1.18	-1.83	N/A	1.48	3.10
		6475		-0.64	-0.58	N/A	0.05	-1.41	N/A	1.48	3.88
		6515		-0.11	-1.13	N/A	-0.44	-0.65	N/A	1.48	3.95
	7	6535		-0.79	-0.89	N/A	-0.73	-0.84	N/A	1.48	3.71
		6695		-1.36	-1.41	N/A	-1.49	-1.38	N/A	1.48	3.11
		6855		-1.38	-1.68	N/A	-1.53	-1.54	N/A	1.48	2.96
	8	6875		-1.33	-1.64	N/A	-1.20	-1.81	N/A	0.7	2.23
		6995		-2.02	-2.40	N/A	-1.79	-2.38	N/A	0.7	1.64
		7115		-3.05	-3.50	N/A	-3.18	-3.21	N/A	0.7	0.52

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2]$ = 0.69dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2]$ = 0.7dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 4			RU Index 8				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT20	5	5955	26T	-6.26	-6.99	N/A	-6.25	-6.72	N/A	-6.75	-7.04	N/A	0.69	-2.78
		6175		-6.69	-7.31	N/A	-6.86	-7.39	N/A	-6.82	-7.17	N/A	0.69	-3.29
		6415		-6.52	-6.75	N/A	-6.21	-6.72	N/A	-6.17	-6.69	N/A	0.69	-2.72
	6	6435		-5.99	-6.88	N/A	-6.28	-6.79	N/A	-6.24	-6.78	N/A	1.48	-1.92
		6475		-6.23	-6.53	N/A	-5.85	-6.99	N/A	-6.07	-7.31	N/A	1.48	-1.89
		6515		-5.87	-7.17	N/A	-5.94	-6.19	N/A	-6.45	-6.82	N/A	1.48	-1.57
	7	6535		-6.27	-6.43	N/A	-5.94	-6.63	N/A	-6.44	-6.28	N/A	1.48	-1.78
		6695		-7.04	-6.98	N/A	-6.41	-6.65	N/A	-6.70	-6.52	N/A	1.48	-2.04
		6855		-6.97	-7.08	N/A	-7.25	-7.01	N/A	-7.13	-6.78	N/A	1.48	-2.46
	8	6875		-7.11	-7.24	N/A	-7.33	-6.91	N/A	-7.45	-7.01	N/A	0.7	-3.40
		6995		-8.01	-8.13	N/A	-8.31	-8.31	N/A	-7.99	-8.05	N/A	0.7	-4.31
		7115		-8.12	-8.81	N/A	-8.30	-8.86	N/A	-10.41	-10.90	N/A	0.7	-4.74

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7$ 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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 39			RU Index 40				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT20	5	5955	52T	-3.60	-4.33	N/A	-4.08	-4.40	N/A	-3.65	-4.11	N/A	0.69	-0.17
		6175		-3.92	-4.10	N/A	-4.09	-4.69	N/A	-4.66	-4.76	N/A	0.69	-0.31
		6415		-4.33	-4.17	N/A	-3.47	-3.76	N/A	-4.10	-4.38	N/A	0.69	0.09
	6	6435		-3.36	-4.19	N/A	-3.61	-4.53	N/A	-3.62	-4.53	N/A	1.48	0.74
		6475		-3.40	-3.83	N/A	-3.41	-4.38	N/A	-3.50	-3.99	N/A	1.48	0.88
		6515		-3.07	-4.46	N/A	-3.68	-3.66	N/A	-3.61	-3.98	N/A	1.48	0.82
	7	6535		-3.60	-3.62	N/A	-3.85	-3.79	N/A	-3.74	-4.15	N/A	1.48	0.88
		6695		-4.19	-4.19	N/A	-4.52	-4.13	N/A	-4.38	-4.36	N/A	1.48	0.30
		6855		-4.30	-4.65	N/A	-4.12	-3.96	N/A	-4.69	-4.67	N/A	1.48	0.45
	8	6875		-4.00	-4.32	N/A	-4.94	-4.61	N/A	-4.64	-4.18	N/A	0.7	-0.45
		6995		-5.32	-4.83	N/A	-5.37	-5.42	N/A	-5.24	-5.41	N/A	0.7	-1.36
		7115		-5.86	-5.99	N/A	-5.34	-5.98	N/A	-9.27	-9.98	N/A	0.7	-1.94

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2] = 1.48$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2] = 1.48$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7$ 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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 53			RU Index 54				
				AUX	Main	Duty Cycle Factor (dB) ^{10log(1/X)} ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) ^{10log(1/X)} ^{Note 3}		
802.11be-EHT20	5	5955	106T	-0.52	-1.11	N/A	-0.91	-1.62	N/A	0.69	2.90
		6175		-1.59	-1.90	N/A	-1.40	-1.86	N/A	0.69	2.08
		6415		-0.47	-1.01	N/A	-1.14	-0.98	N/A	0.69	2.97
	6	6435		-0.21	-1.25	N/A	-0.48	-1.34	N/A	1.48	3.79
		6475		-0.53	-0.97	N/A	-0.38	-1.38	N/A	1.48	3.75
		6515		-0.60	-1.30	N/A	-0.72	-0.47	N/A	1.48	3.90
	7	6535		-0.79	-0.76	N/A	-0.63	-0.93	N/A	1.48	3.72
		6695		-1.56	-1.43	N/A	-1.25	-1.23	N/A	1.48	3.25
		6855		-1.08	-1.01	N/A	-1.72	-0.99	N/A	1.48	3.45
	8	6875		-0.90	-1.17	N/A	-1.47	-1.32	N/A	0.7	2.68
		6995		-2.02	-2.08	N/A	-2.29	-2.13	N/A	0.7	1.66
		7115		-2.49	-2.36	N/A	-6.90	-7.22	N/A	0.7	1.29

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7$ 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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 70			RU Index 71			RU Index 72				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT20	5	5955	26T+52T	-2.16	-2.32	N/A	-2.12	-2.35	N/A	-2.08	-2.31	N/A	0.69	1.51
		6175		-1.87	-2.30	N/A	-2.43	-2.26	N/A	-2.86	-2.54	N/A	0.69	1.62
		6415		-2.00	-2.66	N/A	-1.60	-2.63	N/A	-1.86	-1.82	N/A	0.69	1.86
	6	6435		-1.72	-1.82	N/A	-1.60	-2.11	N/A	-1.56	-1.97	N/A	1.48	2.73
		6475		-1.81	-1.86	N/A	-1.73	-1.91	N/A	-1.29	-1.82	N/A	1.48	2.94
		6515		-1.66	-1.73	N/A	-1.84	-2.28	N/A	-1.63	-2.11	N/A	1.48	2.80
	7	6535		-1.95	-1.96	N/A	-1.74	-2.05	N/A	-1.96	-1.90	N/A	1.48	2.60
		6695		-2.31	-2.68	N/A	-1.76	-2.53	N/A	-1.93	-2.39	N/A	1.48	2.36
		6855		-2.63	-2.60	N/A	-2.44	-2.84	N/A	-2.55	-2.57	N/A	1.48	1.93
	8	6875		-2.19	-2.67	N/A	-2.09	-2.82	N/A	-2.56	-1.94	N/A	0.7	1.47
		6995		-2.80	-3.20	N/A	-3.38	-3.12	N/A	-3.19	-3.32	N/A	0.7	0.71
		7115		-3.54	-4.21	N/A	-3.53	-4.10	N/A	-3.22	-4.42	N/A	0.7	-0.07

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.6/10} + 10^{2.4/10})/2]$ = 1.59dBi

6425~6525MHz: Directional gain = $10 \log[(10^{3.1/10} + 10^{2.4/10})/2]$ = 2.76dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$ = 2.24dBi

6875~7125MHz: Directional gain = $10 \log[(10^{2.7/10} + 10^{-1.4/10})/2]$ = 2.10dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 82			RU Index 83				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE20	5	5955	26T+106T	0.22	0.20	N/A	-0.22	-0.31	N/A	0.69	3.91
		6175		-0.88	-0.40	N/A	-0.24	-0.34	N/A	0.69	3.41
		6415		0.52	0.06	N/A	0.73	-0.03	N/A	0.69	4.07
	6	6435		0.36	0.14	N/A	0.59	0.18	N/A	1.48	4.88
		6475		0.91	0.41	N/A	0.78	0.28	N/A	1.48	5.16
		6515		0.87	0.54	N/A	0.43	0.52	N/A	1.48	5.20
	7	6535		0.66	0.50	N/A	0.60	0.72	N/A	1.48	5.15
		6695		-0.28	0.14	N/A	-0.06	-0.37	N/A	1.48	4.43
		6855		-0.02	-0.78	N/A	-0.36	-0.66	N/A	1.48	4.11
	8	6875		-0.46	-0.01	N/A	-0.11	-0.36	N/A	0.7	3.48
		6995		-1.28	-0.84	N/A	-1.11	-0.39	N/A	0.7	2.98
		7115		-1.41	-2.14	N/A	-7.08	-7.39	N/A	0.7	1.95

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) i), transmit signals are completely uncorrelated, then

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

$$5925\sim6425\text{MHz: Directional gain} = 10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69\text{dBi}$$

$$6425\sim6525\text{MHz: Directional gain} = 10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48\text{dBi}$$

$$6525\sim6875\text{MHz: Directional gain} = 10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48\text{dBi}$$

$$6875\sim7125\text{MHz: Directional gain} = 10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7\text{dBi}$$

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 90			RU Index 91				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	484T+ 242T	6.43	5.44	N/A	6.42	5.76	N/A	0.69	9.80
		6145		5.92	5.50	N/A	5.97	5.61	N/A	0.69	9.49
		6385		6.52	5.43	N/A	6.41	5.44	N/A	0.69	9.71
	6	6465		6.56	5.57	N/A	6.45	5.53	N/A	1.48	10.58
		6545		6.76	5.96	N/A	6.69	5.93	N/A	1.48	10.87
	7	6625		6.35	6.00	N/A	6.47	5.98	N/A	1.48	10.72
		6705		6.25	5.34	N/A	6.26	5.43	N/A	1.48	10.36
		6785		6.27	5.43	N/A	6.17	5.43	N/A	1.48	10.36
	8	6865		5.95	5.55	N/A	5.85	5.60	N/A	0.7	9.46
		6945		5.90	5.36	N/A	5.87	5.37	N/A	0.7	9.35
		7025		5.28	4.62	N/A	5.31	4.74	N/A	0.7	8.74

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 92			RU Index 93				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	484T+242T	6.64	5.77	N/A	6.56	5.75	N/A	0.69	9.93
		6145		6.22	5.71	N/A	6.15	5.61	N/A	0.69	9.67
		6385		6.67	5.51	N/A	6.59	5.37	N/A	0.69	9.83
	6	6465		6.63	5.48	N/A	6.53	5.35	N/A	1.48	10.58
		6545		6.80	5.89	N/A	6.75	5.78	N/A	1.48	10.86
	7	6625		6.60	5.99	N/A	6.60	5.80	N/A	1.48	10.80
		6705		6.39	5.48	N/A	6.30	5.36	N/A	1.48	10.45
		6785		6.39	5.50	N/A	6.30	5.33	N/A	1.48	10.46
	8	6865		5.96	5.47	N/A	5.84	5.41	N/A	0.7	9.43
		6945		6.06	5.41	N/A	5.97	5.27	N/A	0.7	9.46
		7025		5.61	4.81	N/A	5.51	4.68	N/A	0.7	8.94

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2] = 1.48$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{0.51/20})^2/2] = 1.48$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7$ 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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 94			RU Index 95				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160	5	6025	996T+484T	9.04	8.64	N/A	9	8.62	N/A	0.69	12.54
		6185		8.9	8.25	N/A	8.99	8.44	N/A	0.69	12.42
		6345		9.34	8.4	N/A	9.35	8.44	N/A	0.69	12.62
	6	6505		9.77	8.7	N/A	9.7	8.71	N/A	1.48	13.76
	7	6665		9.51	8.8	N/A	9.53	8.77	N/A	1.48	13.66
		6825		9.38	8.8	N/A	9.41	8.81	N/A	1.48	13.61
	8	6985		8.97	8.36	N/A	9.05	8.5	N/A	0.7	12.49

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S94			RU Index S95				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160	5	6025	996T+484T	9.08	8.71	N/A	9.28	8.66	N/A	0.69	12.68
		6185		9.07	8.55	N/A	9.13	8.31	N/A	0.69	12.52
		6345		9.36	8.41	N/A	9.41	8.37	N/A	0.69	12.62
	6	6505		9.72	8.69	N/A	9.72	8.59	N/A	1.48	13.73
	7	6665		9.58	8.83	N/A	9.67	8.83	N/A	1.48	13.76
		6825		9.46	8.8	N/A	9.41	8.82	N/A	1.48	13.63
	8	6985		9.11	8.59	N/A	9.3	8.71	N/A	0.7	12.73

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2]$ = 0.69dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2]$ = 0.7dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 96			RU Index 97			RU Index 98			RU Index 99				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160	5	6025	996T+484T+242T	10.28	9.39	N/A	10.29	9.49	N/A	10.31	9.53	N/A	10.31	9.59	N/A	0.69	13.64
		6185		9.86	9.12	N/A	9.87	9.18	N/A	9.86	9.12	N/A	9.94	9.24	N/A	0.69	13.24
		6345		10.15	9.13	N/A	10.13	9.1	N/A	10.12	9.17	N/A	10.17	9.19	N/A	0.69	13.37
	6	6505		10.57	9.47	N/A	10.44	9.45	N/A	10.50	9.43	N/A	10.52	9.45	N/A	1.48	14.55
	7	6665		10.28	9.51	N/A	10.31	9.53	N/A	10.31	9.58	N/A	10.33	9.57	N/A	1.48	14.45
		6825		10.21	9.56	N/A	10.17	9.55	N/A	10.21	9.57	N/A	10.26	9.54	N/A	1.48	14.39
	8	6985		9.86	9.3	N/A	9.93	9.19	N/A	9.91	9.27	N/A	9.98	9.34	N/A	0.7	13.31

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S96			RU Index S97			RU Index S98			RU Index S99				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT160	5	6025	996T+484T+242T	10.32	9.57	N/A	10.36	9.56	N/A	10.33	9.5	N/A	10.42	9.64	N/A	0.69	13.68
		6185		9.92	9.21	N/A	9.93	9.24	N/A	9.94	9.28	N/A	10	9.25	N/A	0.69	13.32
		6345		10.13	9.14	N/A	10.12	9.11	N/A	10.17	9.17	N/A	10.15	9.2	N/A	0.69	13.40
	6	6505		10.46	9.43	N/A	10.52	9.40	N/A	10.53	9.41	N/A	10.53	9.38	N/A	1.48	14.50
	7	6665		10.35	9.54	N/A	10.36	9.54	N/A	10.42	9.61	N/A	10.43	9.63	N/A	1.48	14.52
		6825		10.24	9.54	N/A	10.27	9.57	N/A	10.26	9.57	N/A	10.25	9.57	N/A	1.48	14.42
	8	6985		9.98	9.38	N/A	10.00	9.41	N/A	10.02	9.41	N/A	10.11	9.42	N/A	0.7	13.44

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2]$ = 0.69dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2]$ = 0.7dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 100			RU Index 101			RU Index 102			RU Index 103				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11be-EHT320	5	6105	996T*2 +484T	11.6	11	N/A	11.69	11.01	N/A	11.69	11.16	N/A	11.74	11.2	N/A	0.69	15.13
		6265		11.44	10.92	N/A	11.51	10.87	N/A	11.5	10.96	N/A	11.56	10.84	N/A	0.69	14.94
		6425		11.8	10.88	N/A	11.78	10.9	N/A	11.72	10.92	N/A	11.7	10.93	N/A	0.69	15.06
	6	6585		11.89	11.2	N/A	11.88	11.1	N/A	11.76	11.15	N/A	11.84	11.04	N/A	1.48	16.05
	7	6745		11.85	11.37	N/A	11.86	11.33	N/A	11.93	11.4	N/A	11.93	11.39	N/A	1.48	16.16
	8	6905		11.7	11	N/A	11.77	11.01	N/A	11.69	11.06	N/A	11.69	11.06	N/A	0.7	15.12

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S100			RU Index S101			RU Index T102			RU Index T103				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT320	5	6105	996T*2 +484T	11.82	11.24	N/A	11.89	11.28	N/A	11.22	10.69	N/A	11.21	10.72	N/A	0.69	15.30
		6265		11.46	10.81	N/A	11.59	10.92	N/A	11.4	10.83	N/A	11.39	10.79	N/A	0.69	14.97
		6425		11.74	10.92	N/A	11.74	10.94	N/A	11.77	11.09	N/A	11.81	10.99	N/A	0.69	15.14
	6	6585		11.81	11.02	N/A	11.86	11.06	N/A	11.71	11.33	N/A	11.68	11.48	N/A	1.48	16.01
	7	6745		11.97	11.34	N/A	12.09	11.48	N/A	11.54	11.19	N/A	11.52	11.16	N/A	1.48	16.29
	8	6905		11.64	11.1	N/A	11.77	11.1	N/A	11.29	10.88	N/A	11.36	10.82	N/A	0.7	15.16

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)												Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index W100			RU Index W101			RU Index W102			RU Index W103				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT320	5	6105	996T*2 +484T	11.23	10.85	N/A	11.22	10.81	N/A	11.25	10.73	N/A	11.31	10.9	N/A	0.69	14.74
		6265		11.37	10.77	N/A	11.34	10.78	N/A	11.31	10.73	N/A	11.35	10.92	N/A	0.69	14.78
		6425		11.74	11.04	N/A	11.67	10.99	N/A	11.69	10.93	N/A	11.72	11	N/A	0.69	15.10
	6	6585		11.66	11.38	N/A	11.69	11.32	N/A	11.7	11.34	N/A	11.76	11.38	N/A	1.48	16.01
	7	6745		11.59	11.14	N/A	11.57	11.21	N/A	11.6	11.23	N/A	11.65	11.35	N/A	1.48	15.91
	8	6905		11.29	10.94	N/A	11.36	10.87	N/A	11.38	10.92	N/A	11.45	11	N/A	0.7	14.87

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) i), transmit signals are completely uncorrelated, then

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

$$5925\sim6425\text{MHz: Directional gain} = 10 \log[(10^{0.13/20} + 10^{1.18/20})/2] = 0.69\text{dBi}$$

$$6425\sim6525\text{MHz: Directional gain} = 10 \log[(10^{2.84/20} + 10^{0.51/20})/2] = 1.48\text{dBi}$$

$$6525\sim6875\text{MHz: Directional gain} = 10 \log[(10^{2.84/20} + 10^{0.51/20})/2] = 1.48\text{dBi}$$

$$6875\sim7125\text{MHz: Directional gain} = 10 \log[(10^{0.47/20} + 10^{0.91/20})/2] = 0.7\text{dBi}$$

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5	
				RU Index 104			RU Index S104					
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3			
802.11be-EHT320	5	6105	996T*3	12.08	11.18	N/A	12.18	11.3	N/A	0.69	15.46	
		6265		12.09	11.52	N/A	12.16	11.6	N/A	0.69	15.59	
		6425		12.47	11.57	N/A	12.35	11.59	N/A	0.69	15.74	
	6	6585		12.45	11.93	N/A	12.34	11.73	N/A	1.48	16.69	
	7	6745		12.39	11.84	N/A	12.44	11.8	N/A	1.48	16.62	
	8	6905		8.82	8.2	N/A	8.78	8.24	N/A	0.7	12.23	

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index T104			RU Index W104				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT320	5	6105	996T*3	12.3	11.4	N/A	12.38	11.53	N/A	0.69	15.68
		6265		12.16	11.51	N/A	12.12	11.62	N/A	0.69	15.58
		6425		12.31	11.54	N/A	12.39	11.55	N/A	0.69	15.69
	6	6585		12.33	11.61	N/A	12.42	11.64	N/A	1.48	16.54
	7	6745		12.49	11.89	N/A	12.51	12.02	N/A	1.48	16.76
	8	6905		8.82	8.23	N/A	9	8.47	N/A	0.7	12.45

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2]$ = 0.69dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2]$ = 0.7dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 105			RU Index 106				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT320	5	6105	996T*3 +484T	12.21	11.43	N/A	12.36	11.32	N/A	0.69	15.57
		6265		12.39	11.44	N/A	12.42	11.35	N/A	0.69	15.64
		6425		12.48	11.31	N/A	12.39	11.28	N/A	0.69	15.63
	6	6585		12.34	11.76	N/A	12.54	11.77	N/A	1.48	16.66
	7	6745		12.73	12.09	N/A	12.72	11.98	N/A	1.48	16.91
	8	6905		9.46	8.87	N/A	9.36	8.95	N/A	0.7	12.89

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S105			RU Index S106				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11be-EHT320	5	6105	996T*3 +484T	12.27	11.39	N/A	12.37	11.33	N/A	0.69	15.58
		6265		12.41	11.35	N/A	12.55	11.4	N/A	0.69	15.71
		6425		12.45	11.37	N/A	12.48	11.39	N/A	0.69	15.67
	6	6585		12.42	11.57	N/A	12.55	11.61	N/A	1.48	16.60
	7	6745		12.59	11.85	N/A	12.69	12.02	N/A	1.48	16.86
	8	6905		9.6	8.93	N/A	9.53	8.89	N/A	0.7	12.99

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index T105			RU Index T106				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT320	5	6105	996T*3 +484T	12.34	11.52	N/A	12.37	11.52	N/A	0.69	15.67
		6265		12.46	11.49	N/A	12.48	11.44	N/A	0.69	15.70
		6425		12.45	11.43	N/A	12.35	11.36	N/A	0.69	15.67
	6	6585		12.45	11.54	N/A	12.53	11.57	N/A	1.48	16.57
	7	6745		12.76	12.01	N/A	12.72	12.14	N/A	1.48	16.93
	8	6905		9.33	8.89	N/A	9.48	8.95	N/A	0.7	12.93

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2]$ = 0.69dBi

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2]$ = 1.48dBi

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2]$ = 0.7dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index W105			RU Index W106				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11be-EHT320	5	6105	996T *3+4 84T	12.61	11.56	N/A	12.58	11.68	N/A	0.69	15.85
		6265		12.48	11.6	N/A	12.46	11.62	N/A	0.69	15.76
		6425		12.46	11.43	N/A	12.42	11.38	N/A	0.69	15.68
	6	6585		12.58	11.51	N/A	12.53	11.76	N/A	1.48	16.65
	7	6745		12.86	12.16	N/A	12.89	12.2	N/A	1.48	17.05
	8	6905		9.61	8.94	N/A	9.58	9	N/A	0.7	13.01

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) i), transmit signals are completely uncorrelated, then

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

5925~6425MHz: Directional gain = $10 \log[(10^{0.13/20} + 10^{1.18/20})^2/2] = 0.69\text{dBi}$

6425~6525MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48\text{dBi}$

6525~6875MHz: Directional gain = $10 \log[(10^{2.84/20} + 10^{-0.51/20})^2/2] = 1.48\text{dBi}$

6875~7125MHz: Directional gain = $10 \log[(10^{0.47/20} + 10^{0.91/20})^2/2] = 0.7\text{dBi}$

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

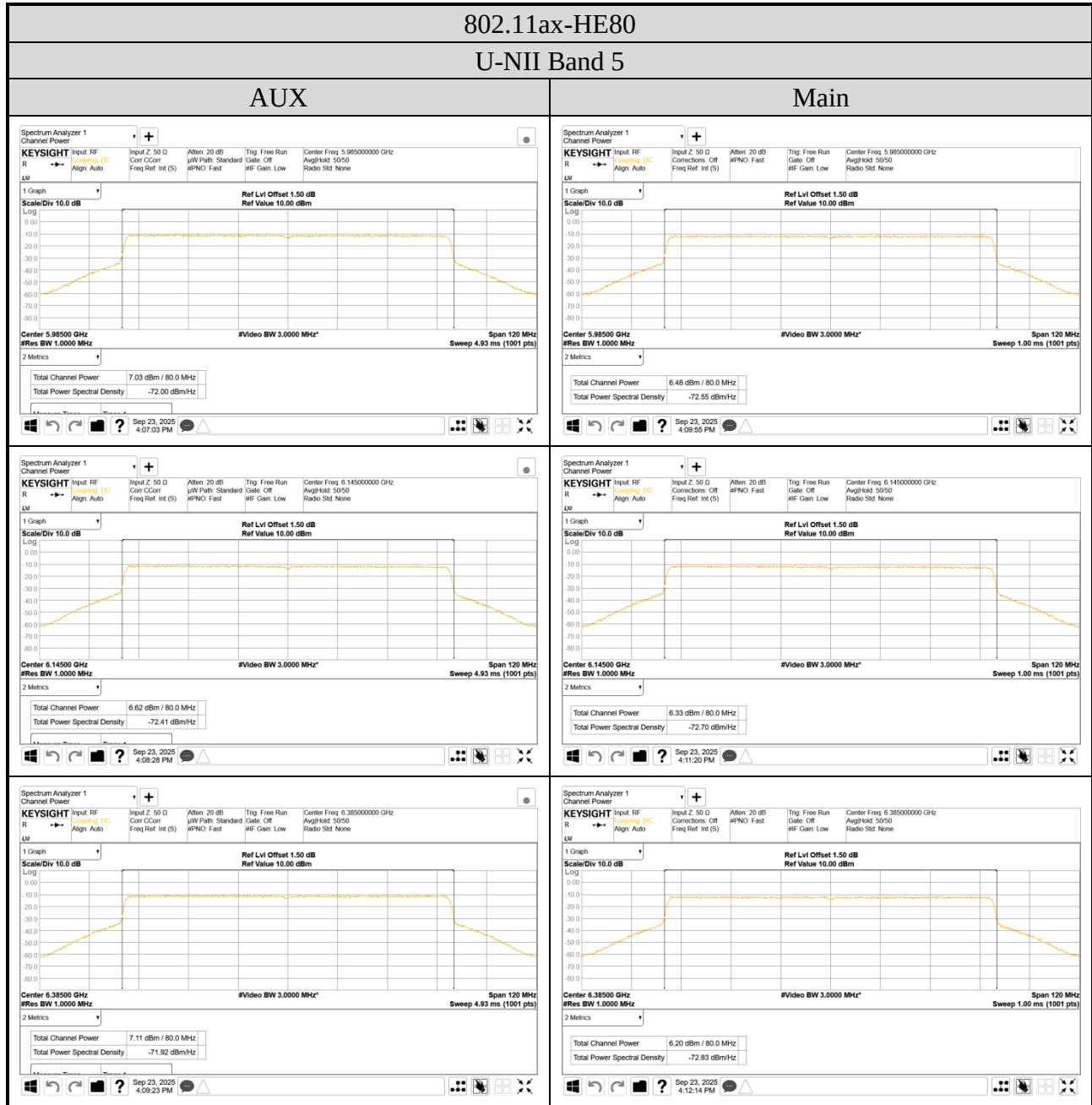
5. Max EIRP (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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A.4.2 Measurement Plots

● OFDM Modulation



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