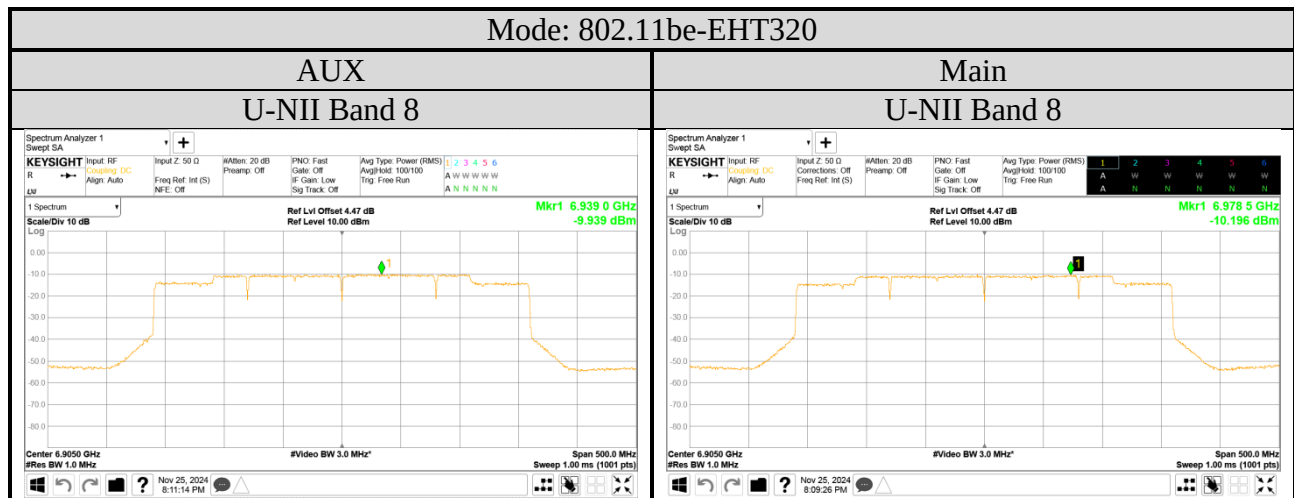


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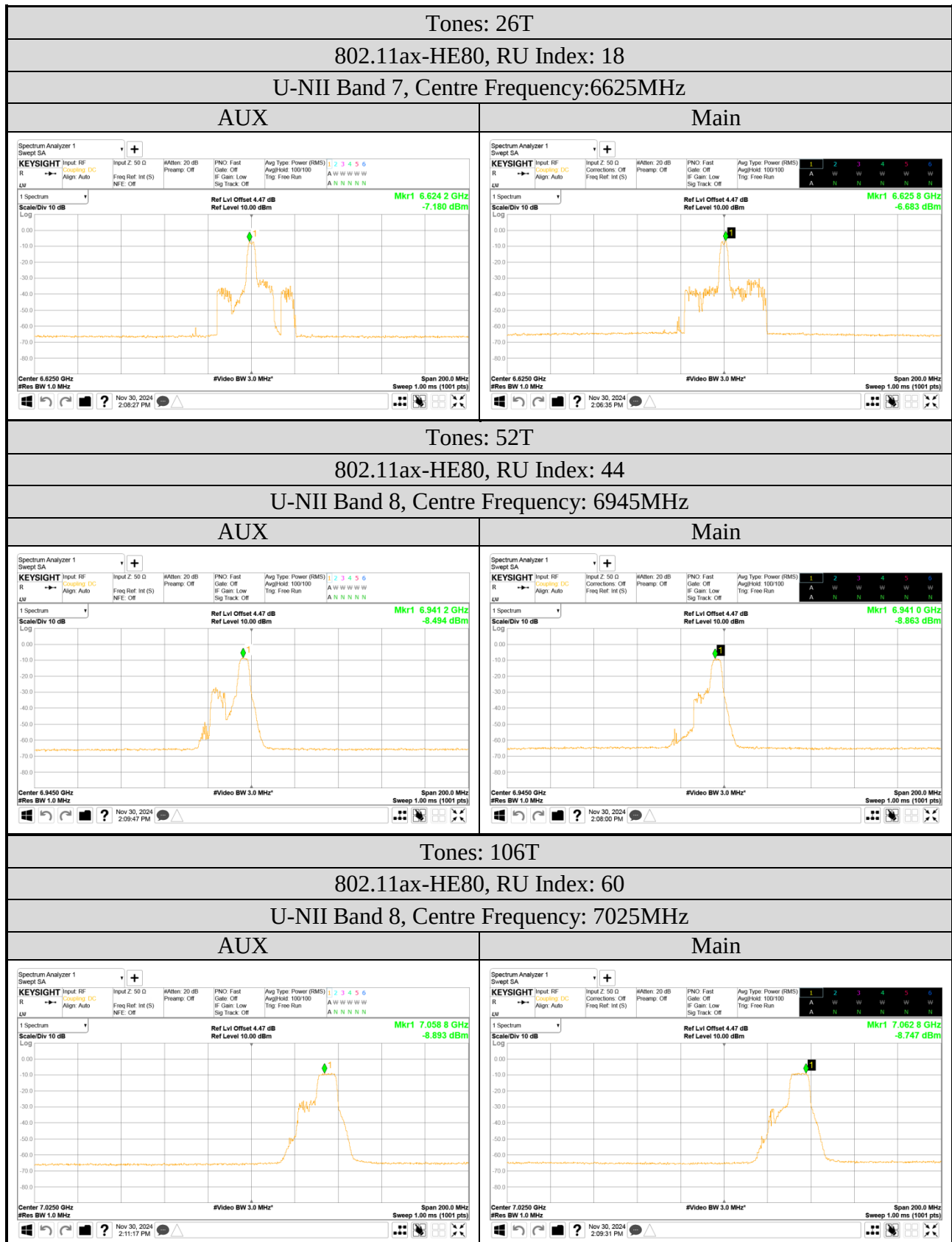


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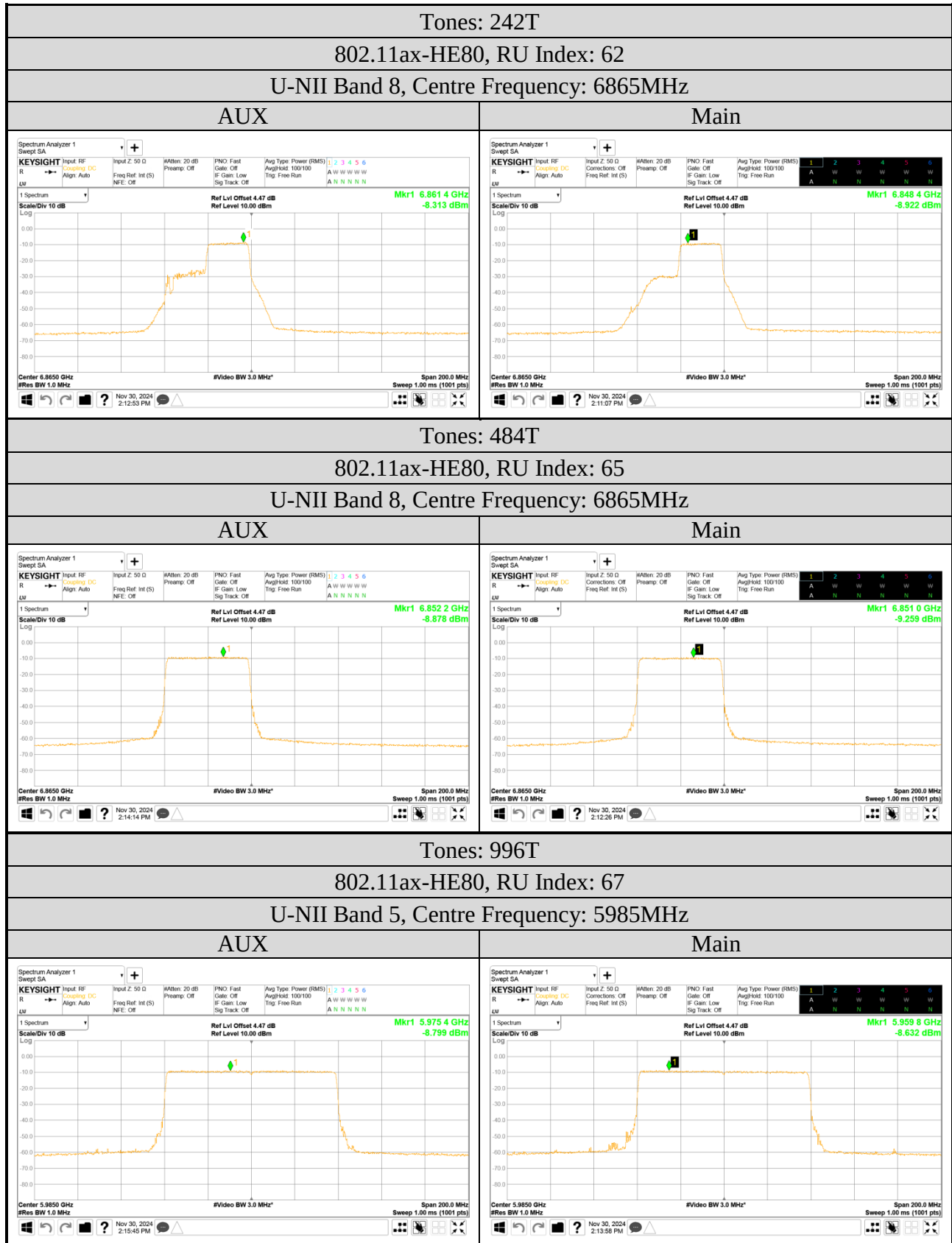
● OFDMA Modulation

Antenna: INPAQ



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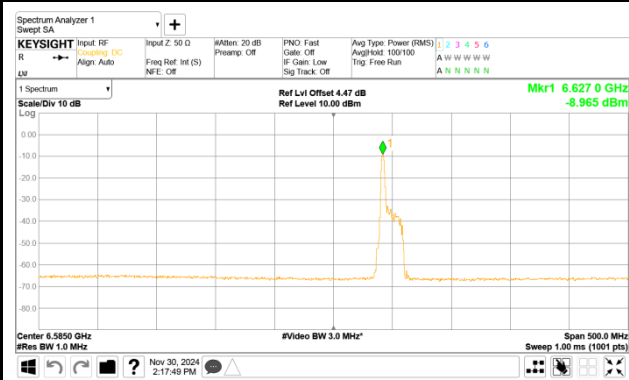
Fax: +886 2 26099303

Tones: 26T

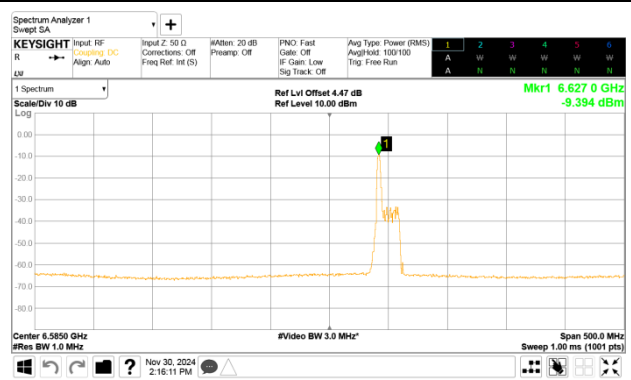
802.11be-EHT320, RU Index: T19

U-NII Band 6, Centre Frequency:6585MHz

AUX



Main



Tones: 52T

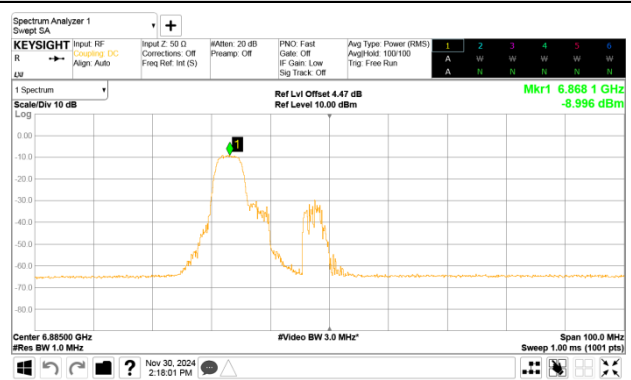
802.11be-EHT40, RU Index: 37

U-NII Band 8, Centre Frequency: 6885MHz

AUX



Main

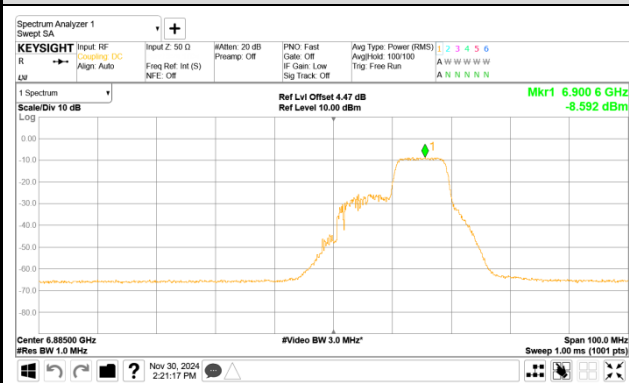


Tones: 106T

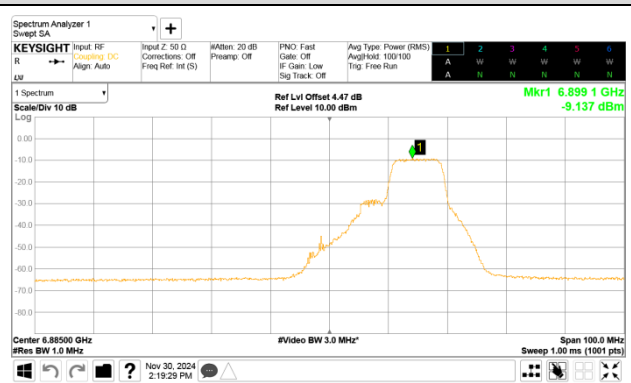
802.11be-EHT40, RU Index: 56

U-NII Band 8, Centre Frequency: 6885MHz

AUX



Main



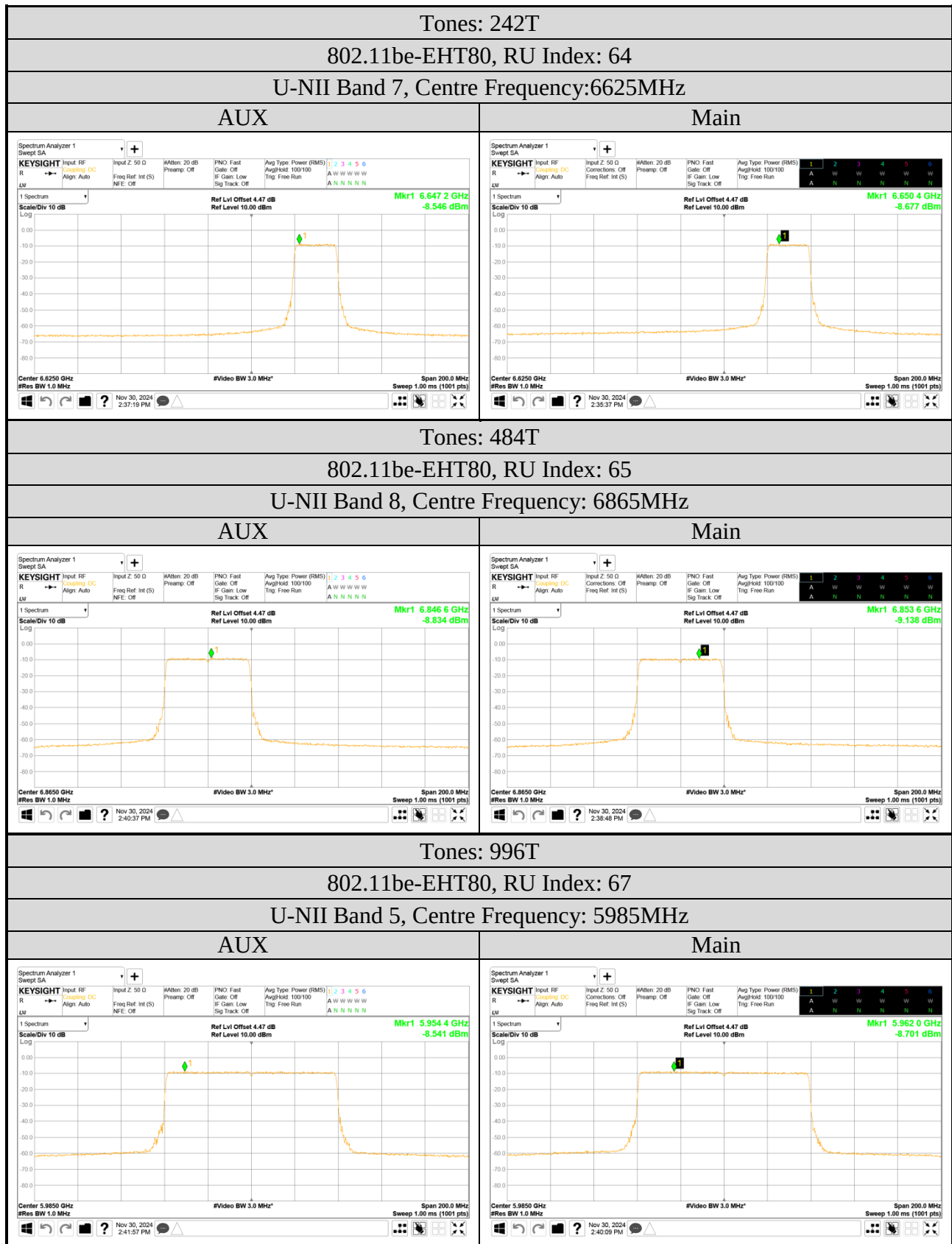
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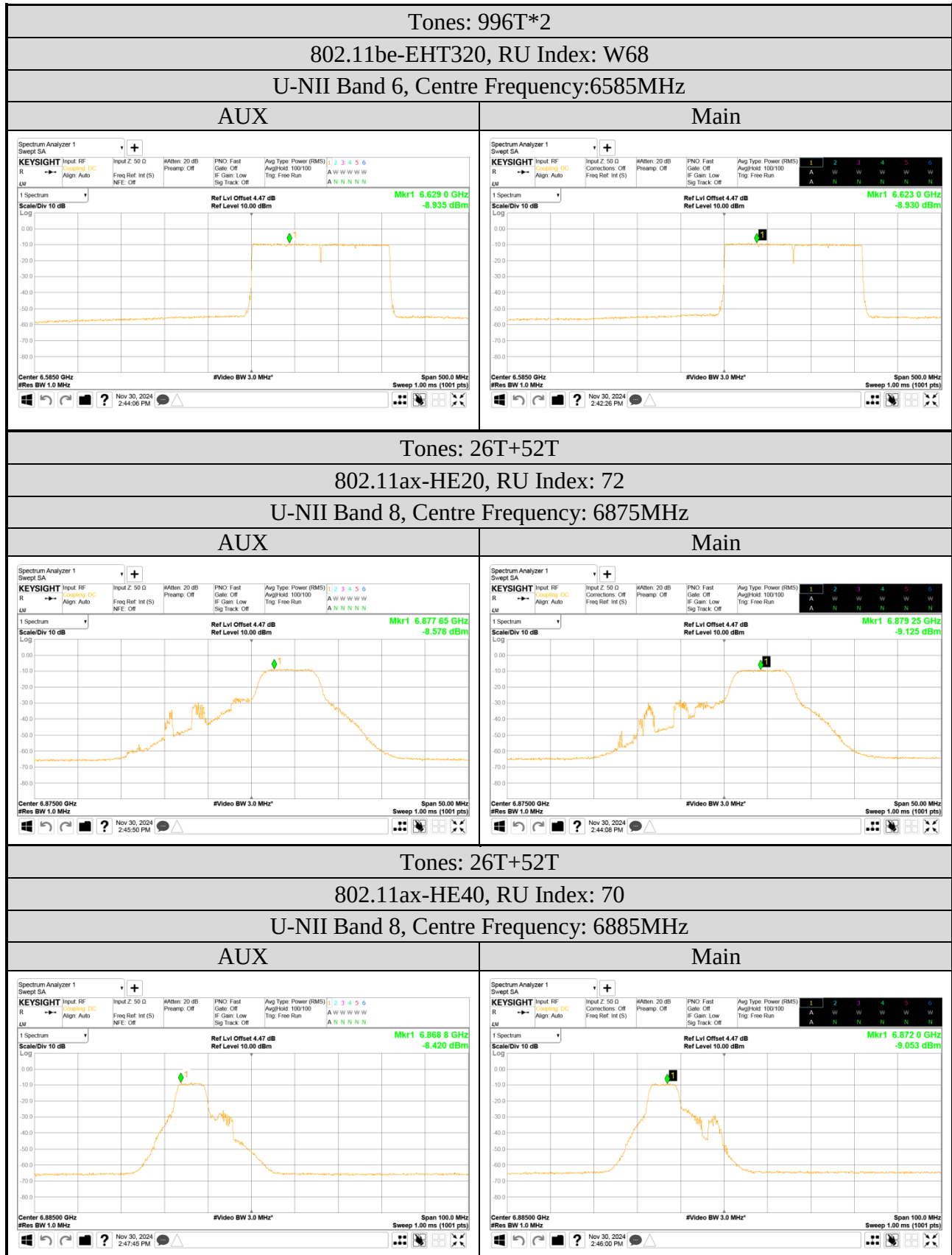
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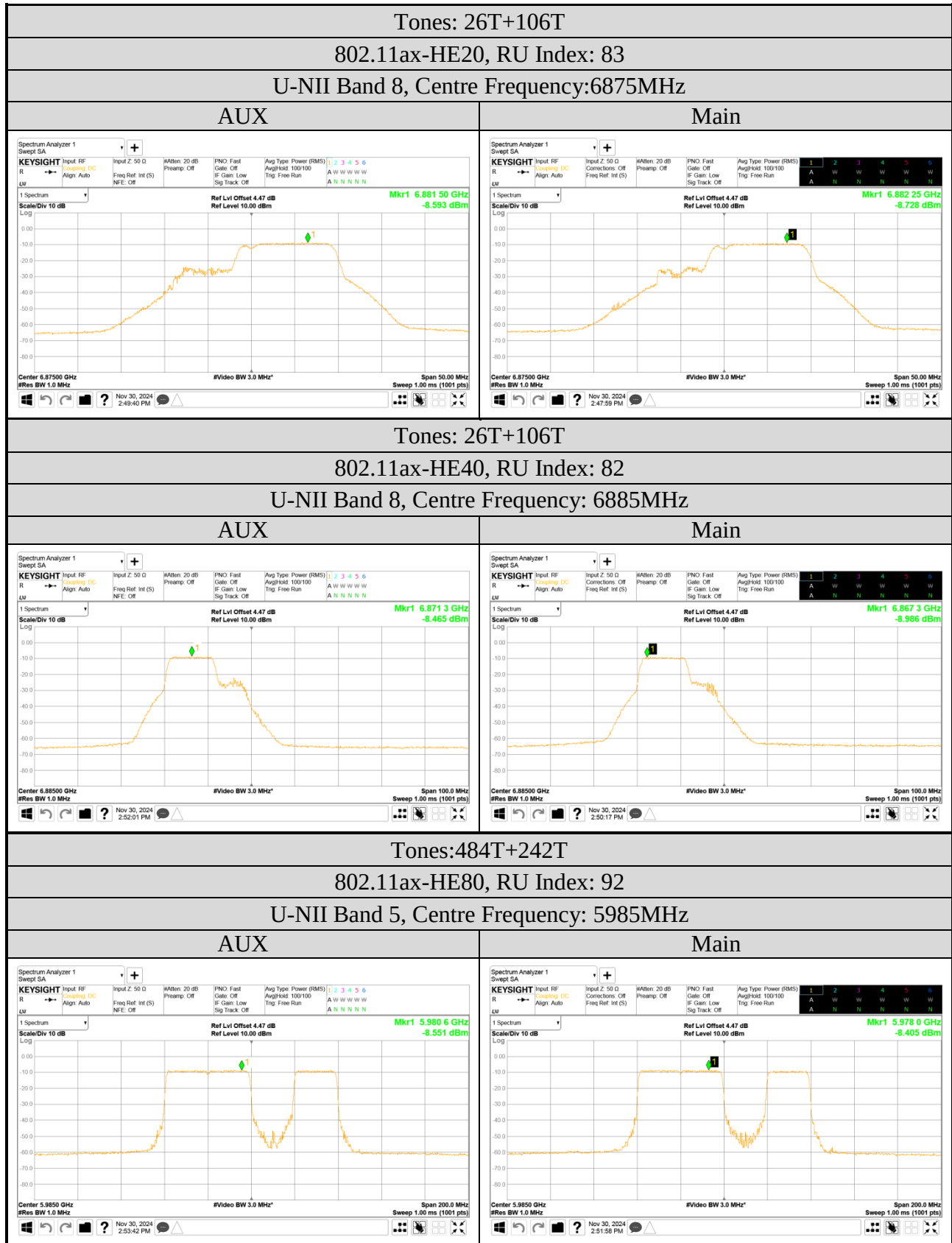
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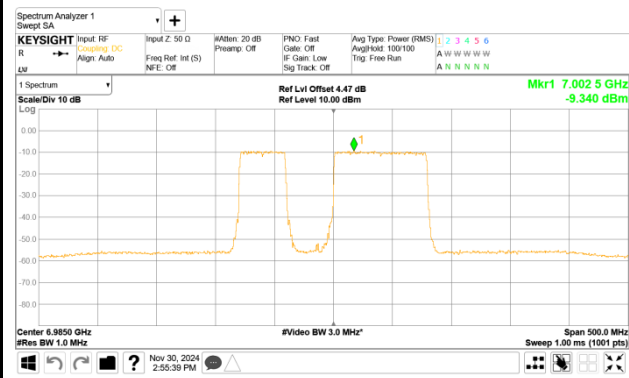
Fax: +886 2 26099303

Tones: 996T+484T

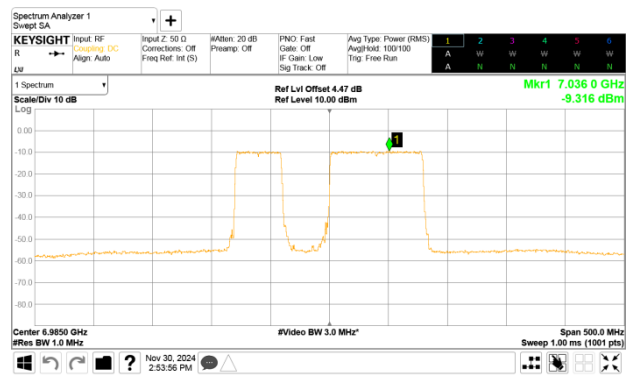
802.11ax-HE160, RU Index: 95

U-NII Band 8, Centre Frequency:6985MHz

AUX



Main

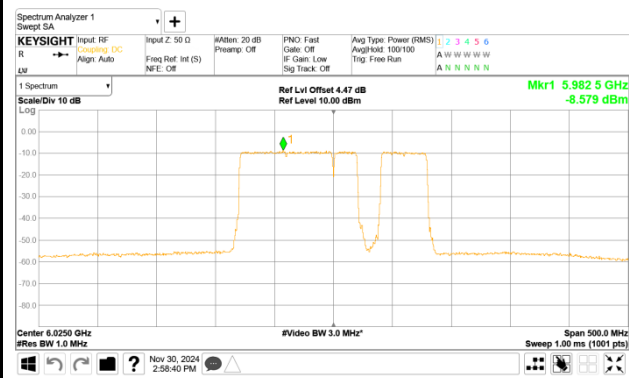


Tones: 996T+484T+242T

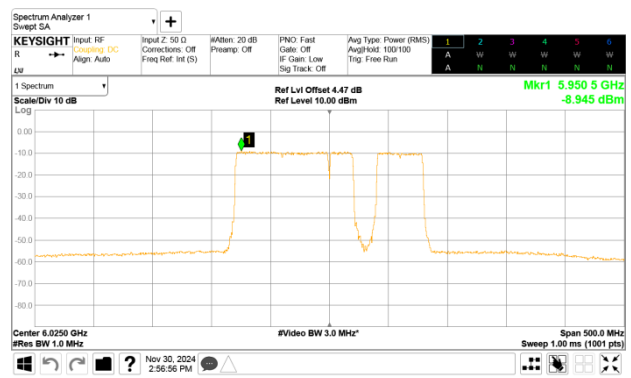
802.11ax-HE320, RU Index:S97

U-NII Band 5, Centre Frequency: 6025MHz

AUX



Main

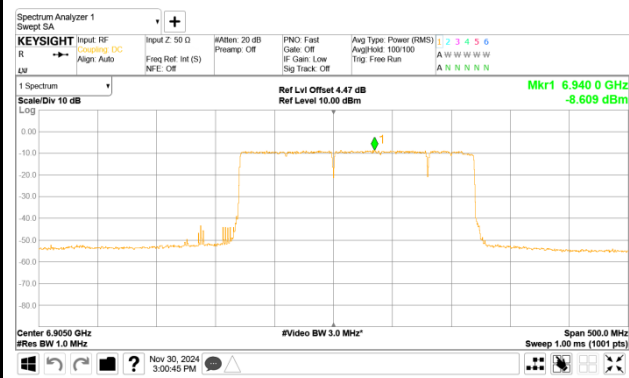


Tones: 996T*2+484T

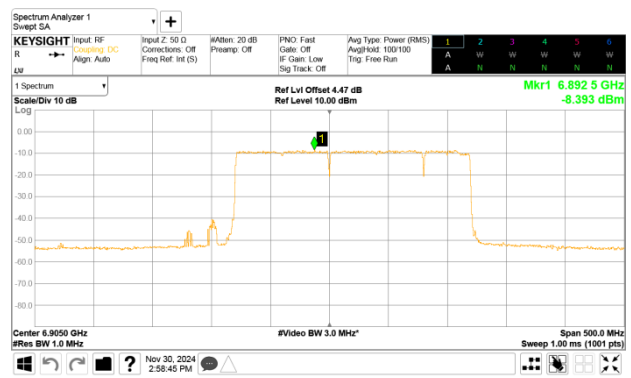
802.11ax-HE320, RU Index: W103

U-NII Band 8, Centre Frequency: 6905MHz

AUX

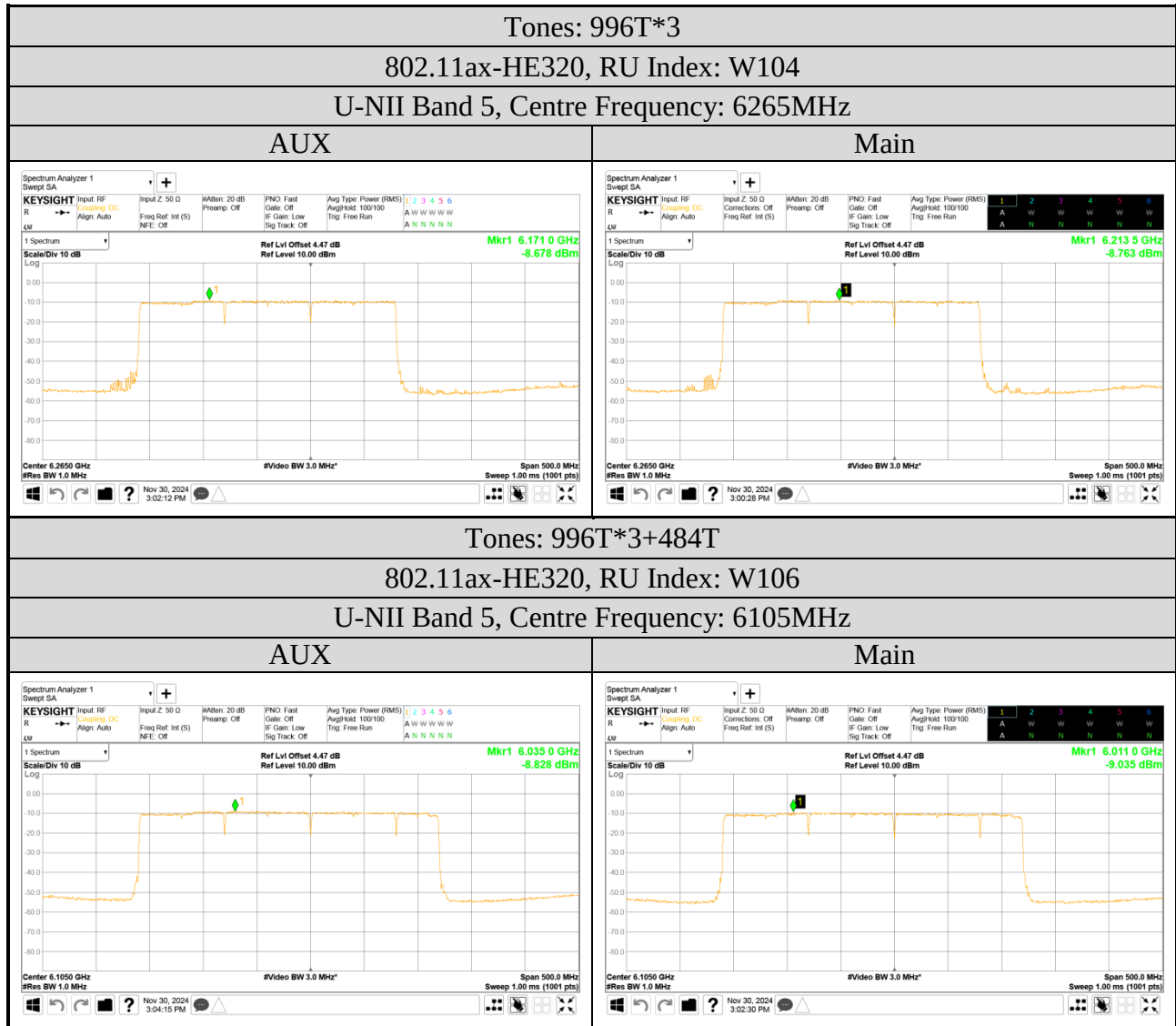


Main

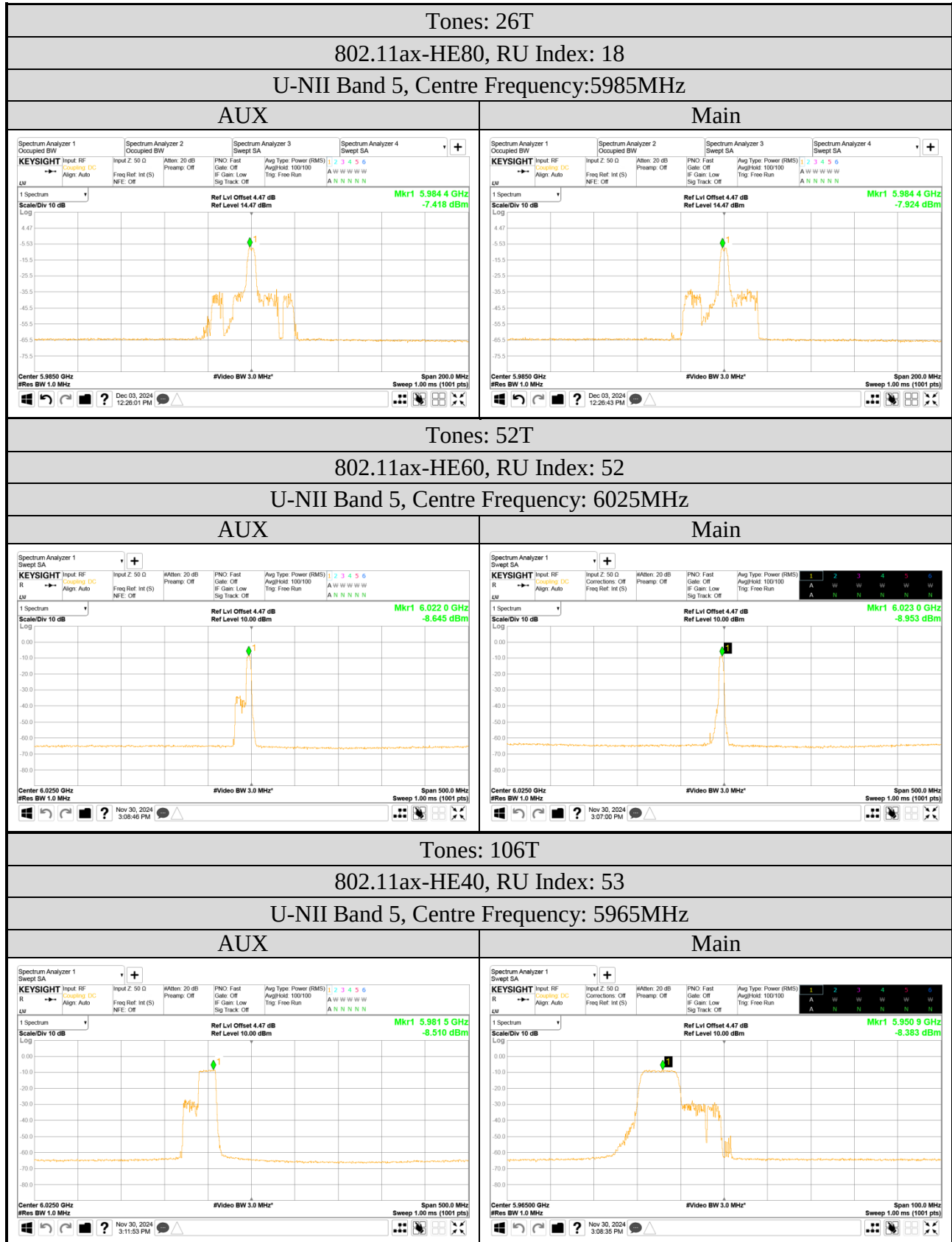


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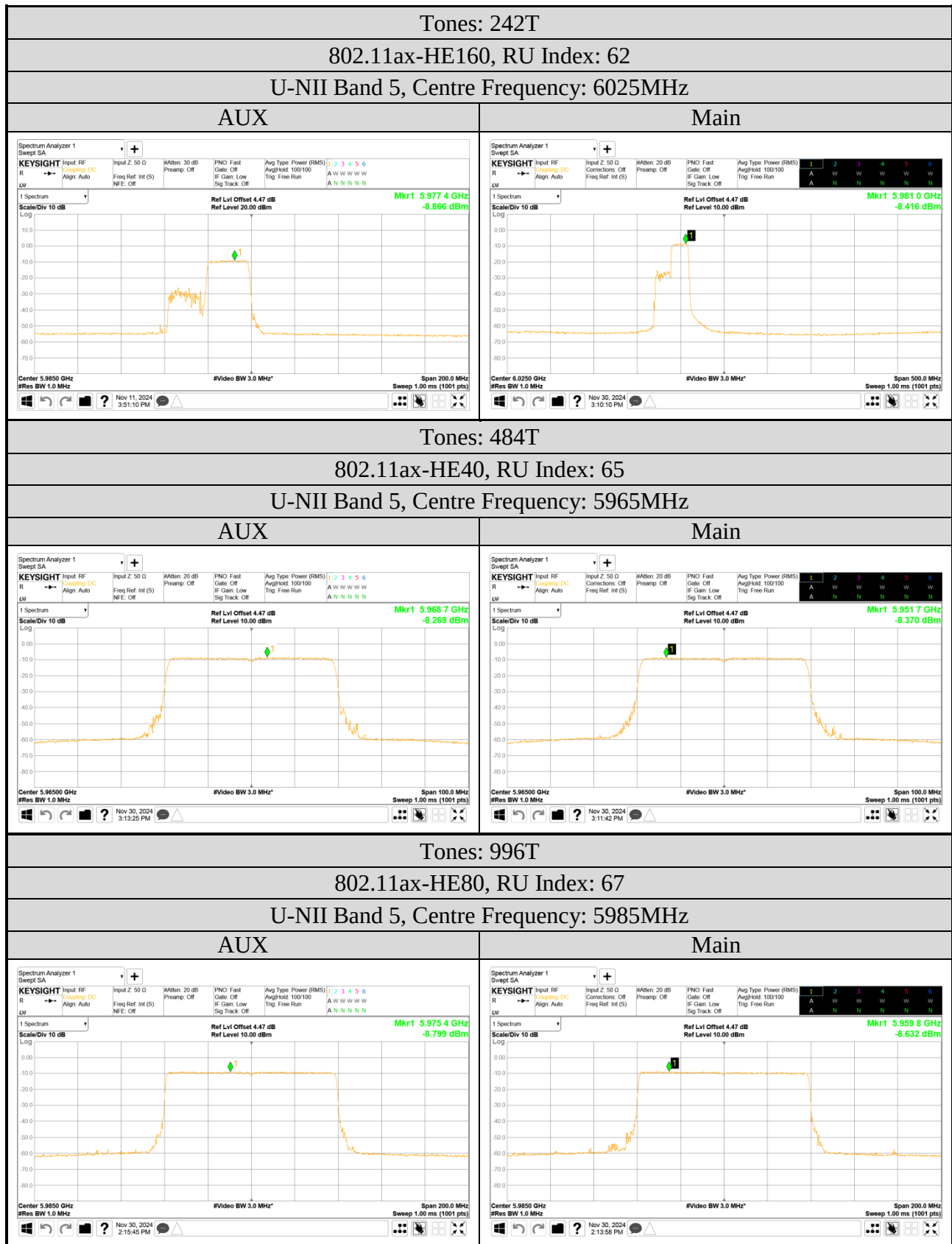


Antenna: LUXSHARE-ICT



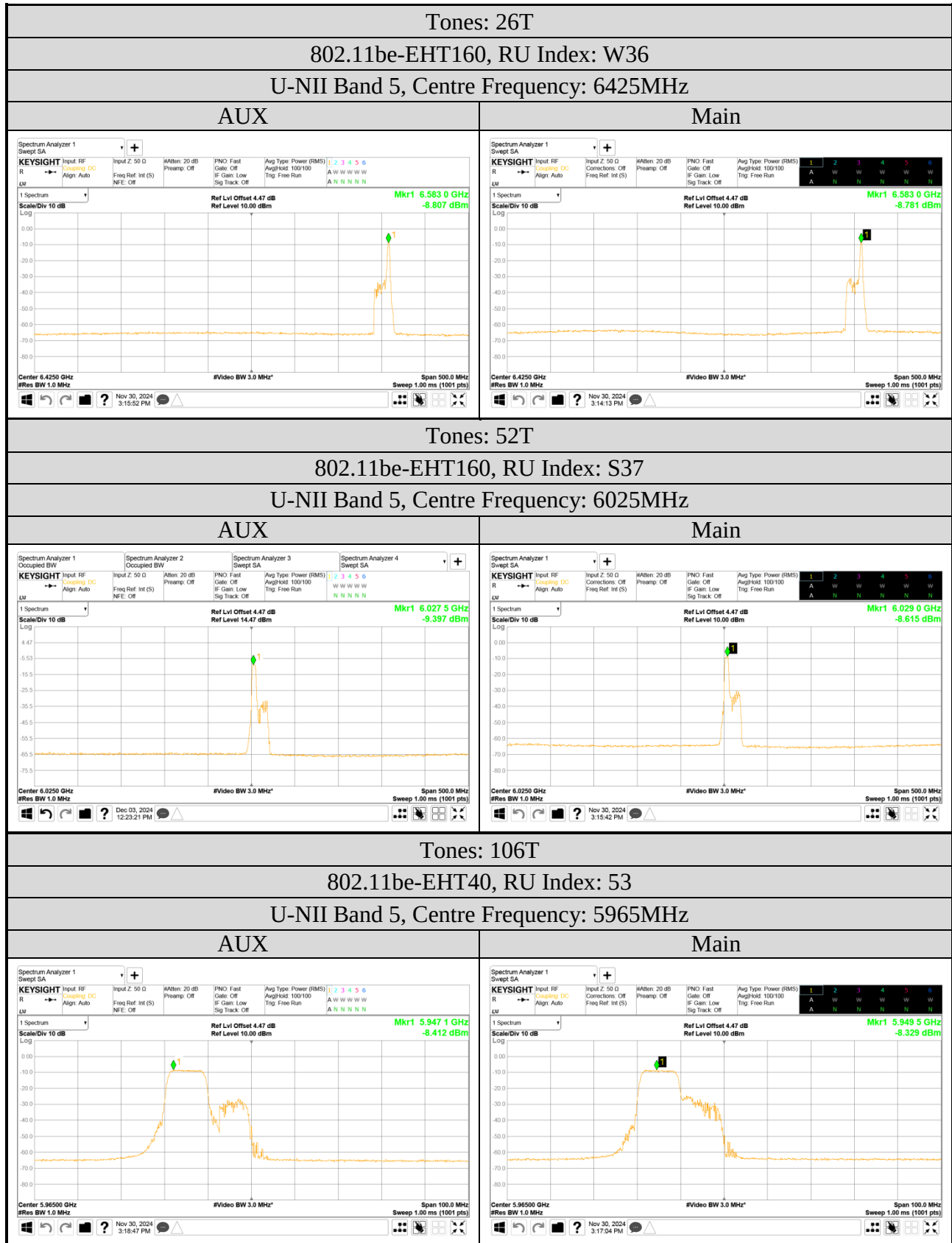
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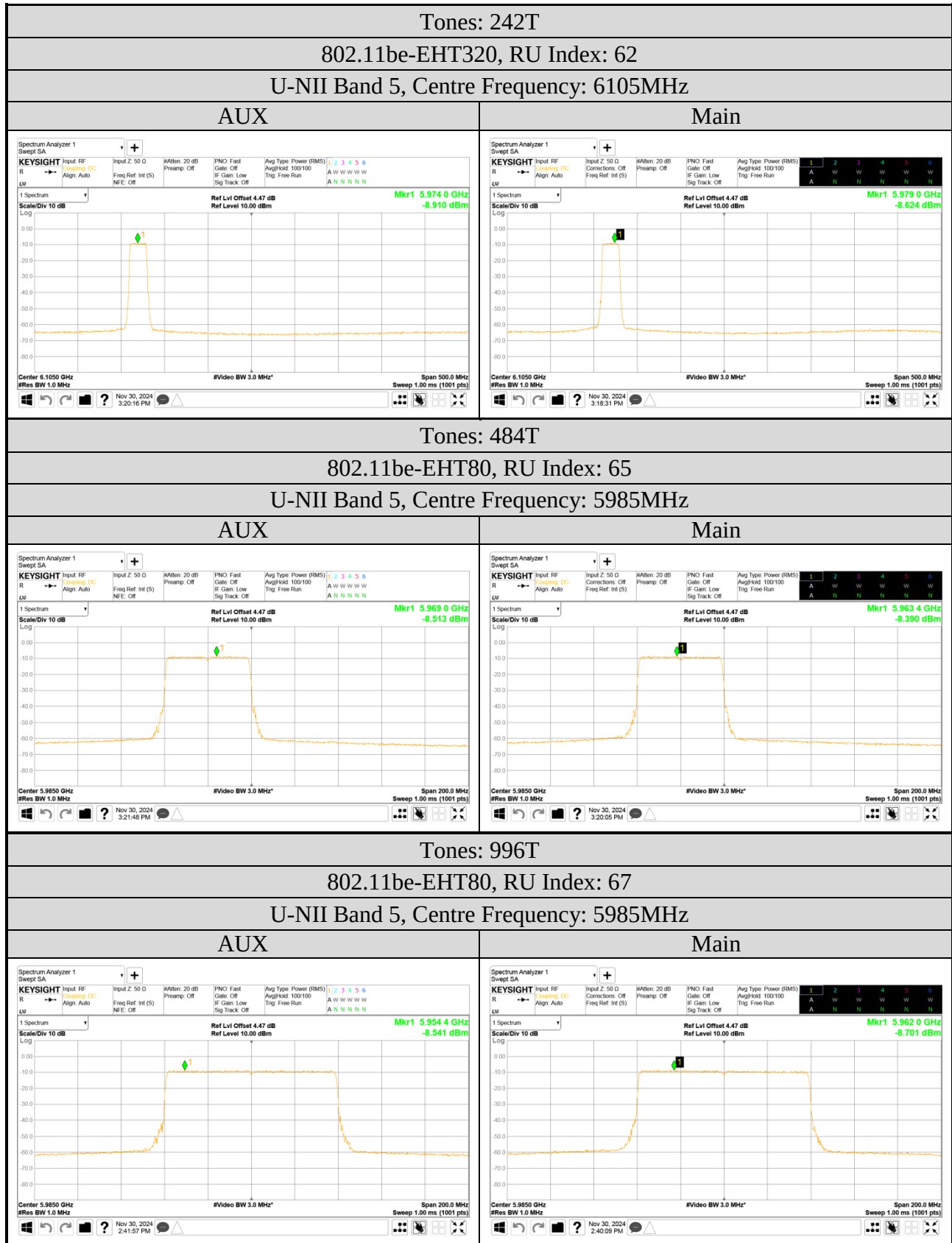
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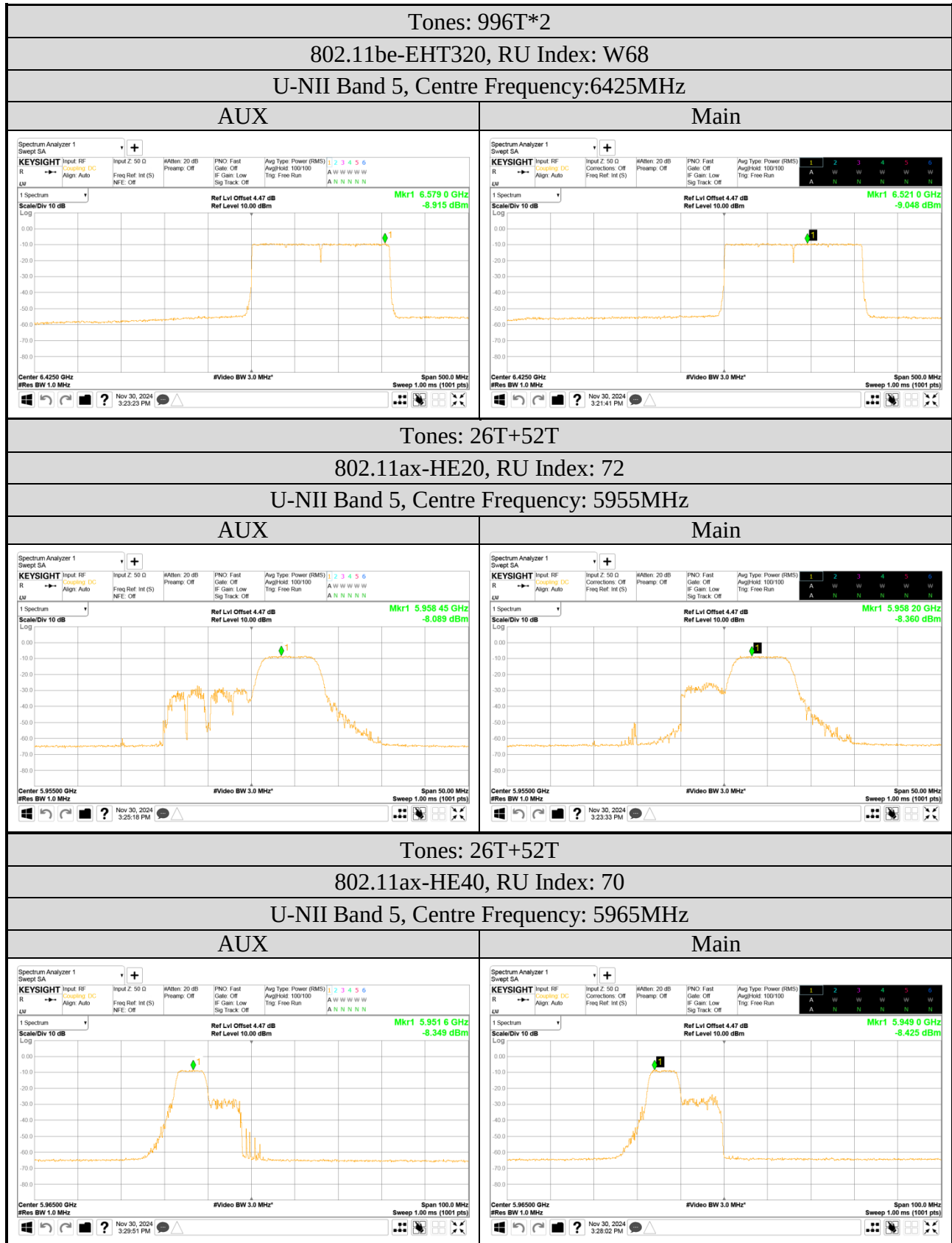
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Tones: 26T+106T

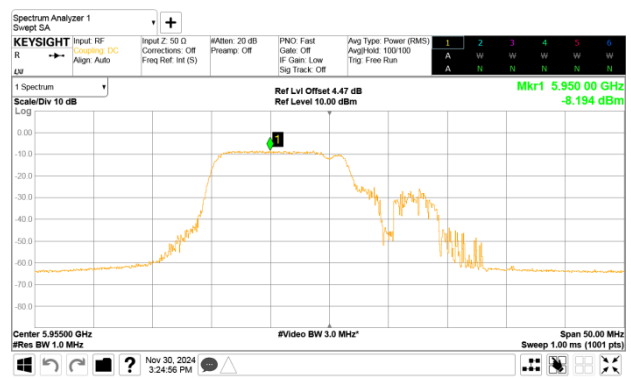
802.11ax-HE20, RU Index: 82

U-NII Band 5, Centre Frequency: 5955MHz

AUX



Main

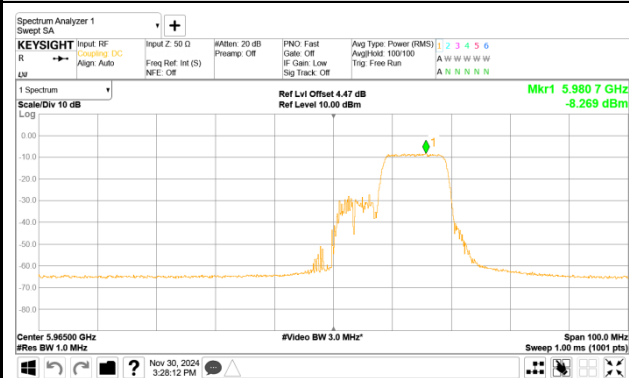


Tones: 26T+106T

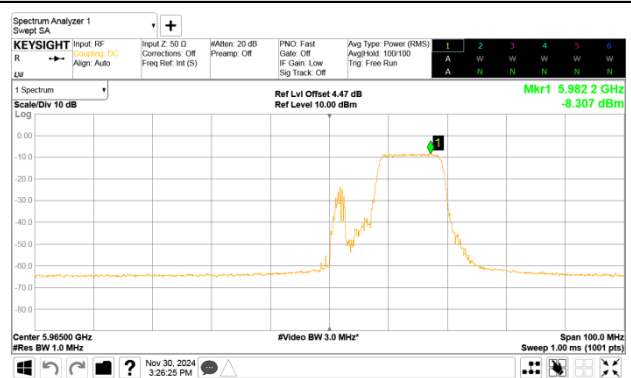
802.11ax-HE40, RU Index: 85

U-NII Band 5, Centre Frequency: 5965MHz

AUX



Main

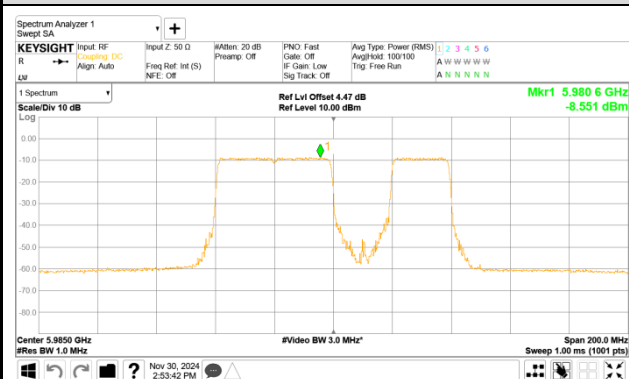


Tones:484T+242T

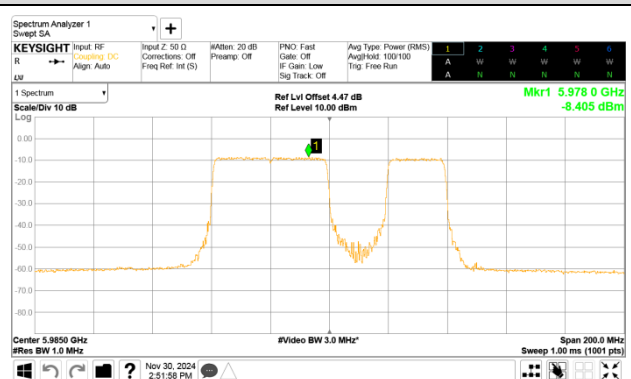
802.11ax-HE80, RU Index: 92

U-NII Band 5, Centre Frequency: 5985MHz

AUX



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Tones: 996T+484T

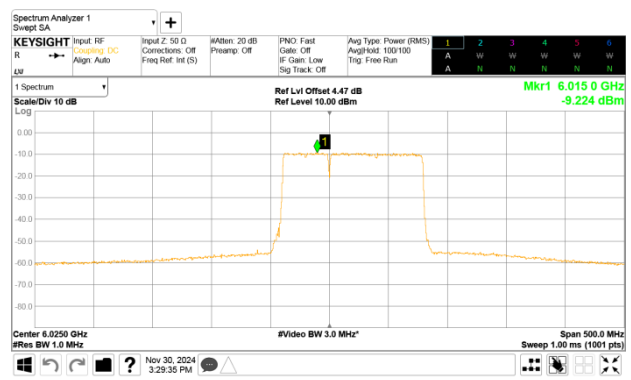
802.11ax-HE160, RU Index: 94

U-NII Band 5, Centre Frequency: 6025MHz

AUX



Main

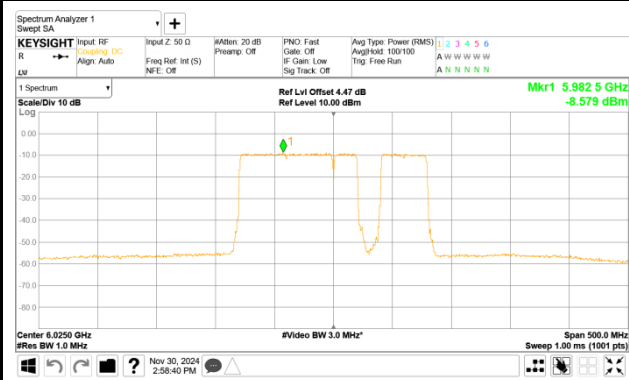


Tones: 996T+484T+242T

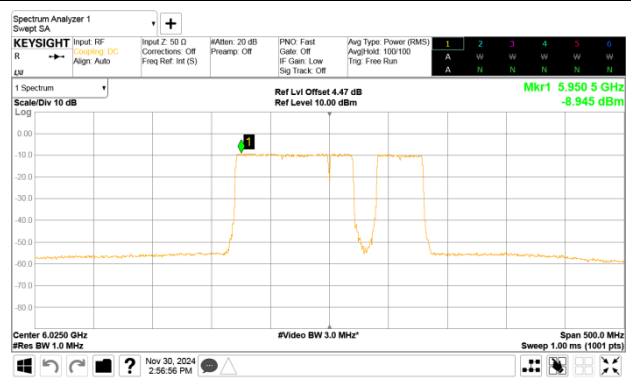
802.11ax-HE160, RU Index:S97

U-NII Band 5, Centre Frequency: 6025MHz

AUX



Main

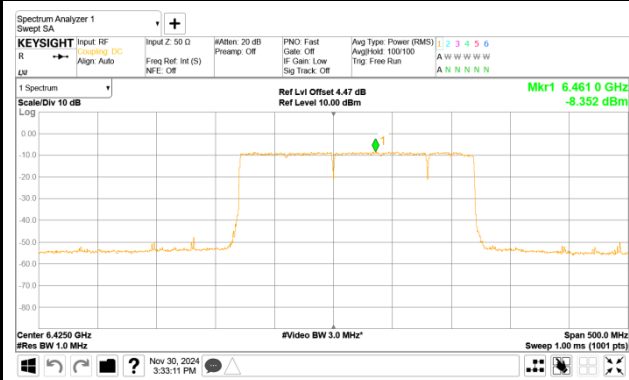


Tones: 996T*2+484T

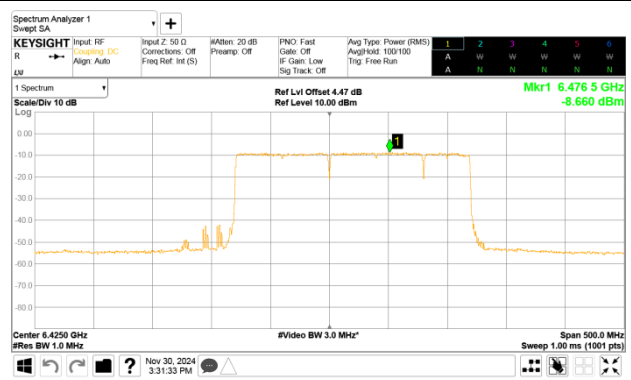
802.11ax-HE320, RU Index: W103

U-NII Band 5, Centre Frequency: 6425MHz

AUX

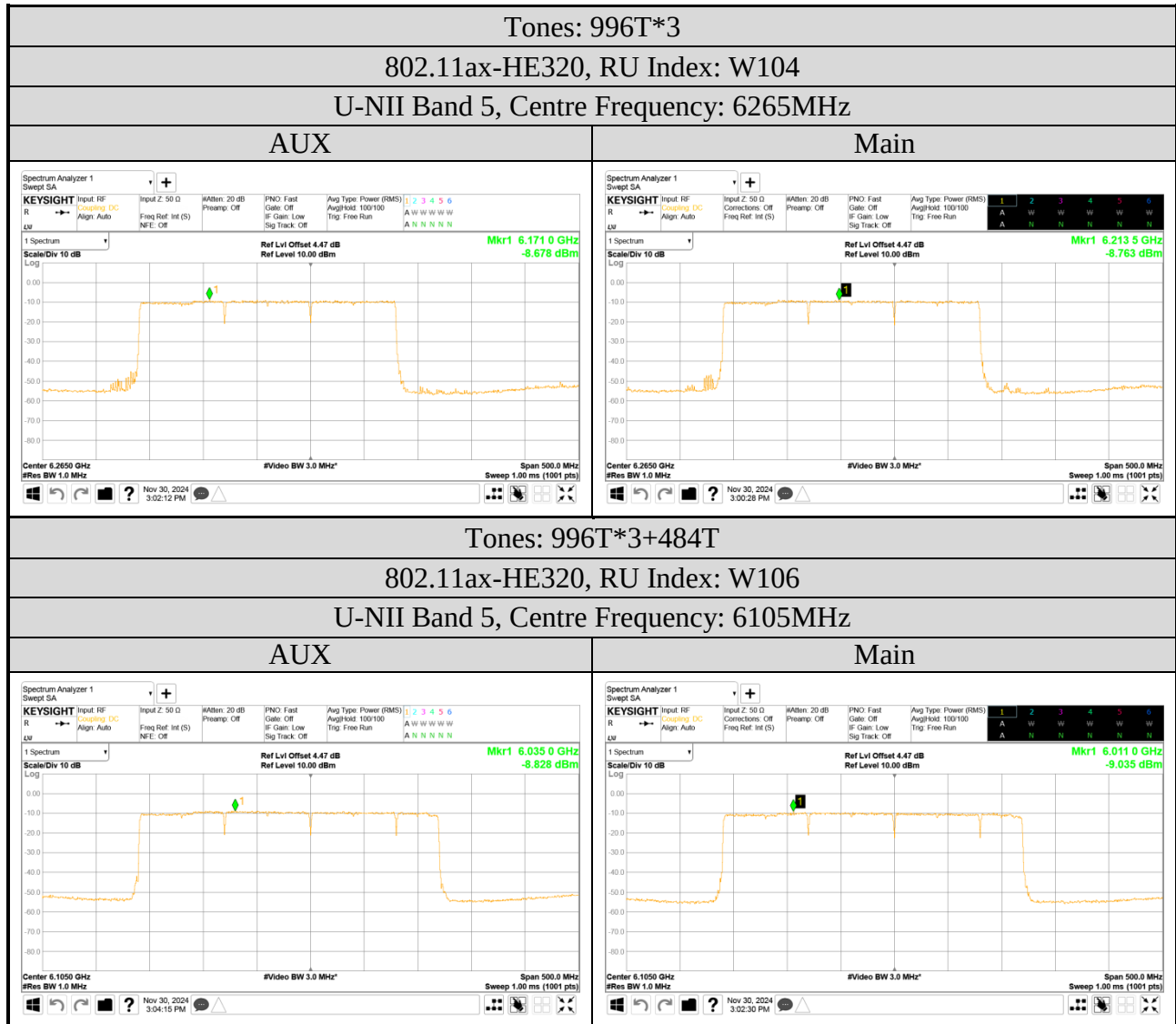


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A.4 MAXIMUM CONDUCTED OUTPUT POWER

Test Date	2024/11/25 ~ 27	Temp./Hum.	22 ~ 23°C/52 ~ 61%
Cable Loss	4.47dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.4.1 Conducted Output Power Result

- OFDM Modulation

Antenna: INPAQ

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) ^{Note 2}	Limit
			AUX	Main				
802.11ax-HE20	5	5955	2.65	2.82	N/A	1.50	7.25	24dBm
		6175	2.60	2.25		1.50	6.94	
		6415	2.97	2.65		1.50	7.32	
	6	6435	2.52	2.23		1.40	6.79	
		6475	2.98	2.15		1.40	7.00	
		6515	3.38	2.18		1.40	7.23	
	7	6535	3.53	2.22		1.15	7.08	
		6695	2.77	3.23		1.15	7.17	
		6855	3.06	2.43		1.15	6.92	
	8	6875	3.03	2.49		1.67	7.45	
		6995	2.85	2.54		1.67	7.38	
		7115	-5.82	-5.05		1.67	-0.74	
802.11ax-HE40	5	5965	5.71	5.43	N/A	1.50	10.08	24dBm
		6165	5.83	4.98		1.50	9.94	
		6405	5.39	5.36		1.50	9.89	
	6	6445	5.62	4.98		1.40	9.72	
		6485	5.73	4.60		1.40	9.61	
	7	6525	6.06	5.15		1.40	10.04	
		6685	6.27	6.10		1.15	10.35	
		6845	6.23	5.54		1.15	10.06	
	8	6885	6.32	4.93		1.67	10.36	
		7005	5.90	5.61		1.67	10.44	
		7085	5.34	5.65		1.67	10.18	

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

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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) ^{Note 2}	Limit
			AUX	Main				
802.11ax-HE80	5	5985	9.23	8.80	N/A	1.50	13.53	24dBm
		6145	8.92	8.29		1.50	13.13	
		6385	9.06	8.39		1.50	13.25	
	6	6465	9.45	8.49		1.40	13.41	
		6545	9.25	8.69		1.40	13.39	
		6625	9.09	8.74		1.15	13.08	
	7	6705	9.22	8.60		1.15	13.08	
		6785	8.85	8.43		1.15	12.81	
		6865	8.87	8.27		1.15	12.74	
	8	6945	9.11	8.14		1.67	13.33	
		7025	9.14	8.50		1.67	13.51	
802.11ax-HE160	5	6025	11.83	11.47	N/A	1.50	16.16	
		6185	11.59	11.23		1.50	15.92	
		6345	11.57	11.38		1.50	15.99	
	6	6505	11.78	11.41		1.40	16.01	
		6665	11.68	11.61		1.15	15.81	
		6825	11.67	11.43		1.15	15.71	
	8	6985	11.88	11.36		1.67	16.31	

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

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ dBi

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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) ^{Note 2}	Limit
			AUX	Main				
802.11be-EHT20	5	5955	2.68	2.43	N/A	1.50	7.07	24dBm
		6175	2.05	2.10		1.50	6.59	
		6415	2.87	2.45		1.50	7.18	
	6	6435	2.52	2.28		1.40	6.81	
		6475	3.20	1.77		1.40	6.95	
		6515	3.36	2.10		1.40	7.19	
	7	6535	3.30	2.07		1.15	6.89	
		6695	3.20	2.97		1.15	7.25	
		6855	3.21	2.77		1.15	7.16	
	8	6875	3.11	2.54		1.67	7.51	
		6995	2.85	2.23		1.67	7.23	
		7115	-5.64	-5.29		1.67	-0.78	
802.11be-EHT40	5	5965	5.69	5.92	N/A	1.50	10.32	24dBm
		6165	5.51	5.05		1.50	9.80	
		6405	5.38	5.14		1.50	9.77	
	6	6445	5.95	4.67		1.40	9.77	
		6485	5.56	4.61		1.40	9.52	
	7	6525	6.16	4.83		1.40	9.96	
		6685	5.78	6.17		1.15	10.14	
		6845	6.10	5.19		1.15	9.83	
	8	6885	6.23	5.84		1.67	10.72	
		7005	5.54	5.21		1.67	10.06	
		7085	5.84	5.86		1.67	10.53	

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

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

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

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

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6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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) ^{Note 2}	Limit
			AUX	Main				
802.11be-EHT80	5	5985	9.27	8.83	N/A	1.50	13.57	24dBm
		6145	8.84	8.11		1.50	13.00	
		6385	9.02	8.33		1.50	13.20	
	6	6465	9.23	8.14		1.40	13.13	
		6545	9.18	8.53		1.40	13.28	
		6625	9.05	8.85		1.15	13.11	
	7	6705	8.75	8.32		1.15	12.70	
		6785	8.78	8.49		1.15	12.80	
	8	6865	8.83	8.38		1.15	12.77	
		6945	9.00	8.30		1.67	13.34	
		7025	9.02	8.58		1.67	13.49	
802.11be-EHT160	5	6025	11.77	11.46	N/A	1.50	16.13	24dBm
		6185	11.52	11.19		1.50	15.87	
		6345	11.54	11.40		1.50	15.98	
	6	6505	11.77	11.50		1.40	16.05	
		6665	12.15	12.05		1.15	16.26	
		6825	11.70	11.50		1.15	15.76	
	8	6985	11.87	11.33		1.67	16.29	
802.11be-EHT320	5	6105	14.02	13.67	N/A	1.50	18.36	24dBm
		6265	14.12	13.69		1.50	18.42	
		6425	14.22	13.89		1.50	18.57	
	6	6585	14.34	14.10		1.15	18.38	
		6745	14.35	14.09		1.15	18.38	
		6905	13.21	12.76		1.67	17.67	

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

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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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Antenna: LUXSHARE-ICT

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) ^{Note 2}	Limit
			AUX	Main				
802.11ax-HE20	5	5955	2.65	2.82	N/A	2.75	8.50	24dBm
		6175	2.60	2.25		2.75	8.19	
		6415	2.97	2.65		2.75	8.57	
	6	6435	2.52	2.23		1.65	7.04	
		6475	2.98	2.15		1.65	7.25	
		6515	3.38	2.18		1.65	7.48	
	7	6535	3.53	2.22		0.87	6.80	
		6695	2.77	3.23		0.87	6.89	
		6855	3.06	2.43		-1.89	3.88	
	8	6875	3.03	2.49		-1.89	3.89	
		6995	2.85	2.54		-1.89	3.82	
		7115	-5.82	-5.05		-1.89	-4.30	
802.11ax-HE40	5	5965	5.71	5.43	N/A	2.75	11.33	
		6165	5.83	4.98		2.75	11.19	
		6405	5.39	5.36		2.75	11.14	
	6	6445	5.62	4.98		1.65	9.97	
		6485	5.73	4.60		1.65	9.86	
		6525	6.06	5.15		1.65	10.29	
	7	6685	6.27	6.10		0.87	10.07	
		6845	6.23	5.54		-1.89	7.02	
	8	6885	6.32	4.93		-1.89	6.80	
		7005	5.90	5.61		-1.89	6.88	
		7085	5.34	5.65		-1.89	6.62	

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

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{2.7/10} + 10^{2.8/10})/2] = 2.75$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.7/10} + 10^{1.6/10})/2] = 1.65$ dBi

6525~6825MHz: Directional gain = $10 \log[(10^{0.4/10} + 10^{1.3/10})/2] = 0.87$ dBi

6825~7125MHz: Directional gain = $10 \log[(10^{-1.2/10} + 10^{-2.7/10})/2] = -1.89$ 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) ^{Note 2}	Limit
			AUX	Main				
802.11ax-HE80	5	5985	9.23	8.80	N/A	2.75	14.78	24dBm
		6145	8.92	8.29		2.75	14.38	
		6385	9.06	8.39		2.75	14.50	
	6	6465	9.45	8.49		1.65	13.66	
		6545	9.25	8.69		0.87	12.86	
		6625	9.09	8.74		0.87	12.80	
	7	6705	9.22	8.60		0.87	12.80	
		6785	8.85	8.43		0.87	12.53	
	8	6865	8.87	8.27		-1.89	9.70	
		6945	9.11	8.14		-1.89	9.77	
		7025	9.14	8.50		-1.89	9.95	
802.11ax-HE160	5	6025	11.83	11.47	N/A	2.75	17.41	24dBm
		6185	11.59	11.23		2.75	17.17	
		6345	11.57	11.38		2.75	17.24	
	6	6505	11.78	11.41		1.65	16.26	
		6665	11.68	11.61		0.87	15.53	
	7	6825	11.67	11.43		0.87	15.43	
		6985	11.88	11.36		-1.89	12.75	
	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) ii), 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 = $10 \log[(10^{2.7/10} + 10^{2.8/10})/2]$ = 2.75dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.7/10} + 10^{1.6/10})/2]$ = 1.65dBi

6525~6825MHz: Directional gain = $10 \log[(10^{0.4/10} + 10^{1.3/10})/2]$ = 0.87dBi

6825~7125MHz: Directional gain = $10 \log[(10^{-1.2/10} + 10^{-2.7/10})/2]$ = -1.89dBi

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) ^{Note 2}	Limit
			AUX	Main				
802.11be-EHT20	5	5955	2.68	2.43	N/A	2.75	8.32	24dBm
		6175	2.05	2.10		2.75	7.84	
		6415	2.87	2.45		2.75	8.43	
	6	6435	2.52	2.28		1.65	7.06	
		6475	3.20	1.77		1.65	7.20	
		6515	3.36	2.10		1.65	7.44	
	7	6535	3.30	2.07		0.87	6.61	
		6695	3.20	2.97		0.87	6.97	
		6855	3.21	2.77		-1.89	4.12	
	8	6875	3.11	2.54		-1.89	3.95	
		6995	2.85	2.23		-1.89	3.67	
		7115	-5.64	-5.29		-1.89	-4.34	
802.11be-EHT40	5	5965	5.69	5.92	N/A	2.75	11.57	24dBm
		6165	5.51	5.05		2.75	11.05	
		6405	5.38	5.14		2.75	11.02	
	6	6445	5.95	4.67		1.65	10.02	
		6485	5.56	4.61		1.65	9.77	
	7	6525	6.16	4.83		1.65	10.21	
		6685	5.78	6.17		0.87	9.86	
		6845	6.10	5.19		-1.89	6.79	
	8	6885	6.23	5.84		-1.89	7.16	
		7005	5.54	5.21		-1.89	6.50	
		7085	5.84	5.86		-1.89	6.97	

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

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{2.7/10} + 10^{2.8/10})/2] = 2.75$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.7/10} + 10^{1.6/10})/2] = 1.65$ dBi

6525~6825MHz: Directional gain = $10 \log[(10^{0.4/10} + 10^{1.3/10})/2] = 0.87$ dBi

6825~7125MHz: Directional gain = $10 \log[(10^{-1.2/10} + 10^{-2.7/10})/2] = -1.89$ 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) ^{Note 2}	Limit
			AUX	Main				
802.11be-EHT80	5	5985	9.27	8.83	N/A	2.75	14.82	24dBm
		6145	8.84	8.11		2.75	14.25	
		6385	9.02	8.33		2.75	14.45	
	6	6465	9.23	8.14		1.65	13.38	
		6545	9.18	8.53		0.87	12.75	
		6625	9.05	8.85		0.87	12.83	
	7	6705	8.75	8.32		0.87	12.42	
		6785	8.78	8.49		0.87	12.52	
	8	6865	8.83	8.38		-1.89	9.73	
		6945	9.00	8.30		-1.89	9.78	
		7025	9.02	8.58		-1.89	9.93	
802.11be-EHT160	5	6025	11.77	11.46	N/A	2.75	17.38	24dBm
		6185	11.52	11.19		2.75	17.12	
		6345	11.54	11.40		2.75	17.23	
	6	6505	11.77	11.50		1.65	16.30	
		6665	12.15	12.05		0.87	15.98	
		6825	11.70	11.50		0.87	15.48	
	8	6985	11.87	11.33		-1.89	12.73	
802.11be-EHT3200	5	6105	14.02	13.67	N/A	2.75	19.61	24dBm
		6265	14.12	13.69		2.75	19.67	
		6425	14.22	13.89		2.75	19.82	
	6	6585	14.34	14.10		0.87	18.10	
		6745	14.35	14.09		0.87	18.10	
		6905	13.21	12.76		-1.89	14.11	

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

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{2.7/10} + 10^{2.8/10})/2] = 2.75$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.7/10} + 10^{1.6/10})/2] = 1.65$ dBi

6525~6825MHz: Directional gain = $10 \log[(10^{0.4/10} + 10^{1.3/10})/2] = 0.87$ dBi

6825~7125MHz: Directional gain = $10 \log[(10^{-1.2/10} + 10^{-2.7/10})/2] = -1.89$ 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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● OFDMA Modulation

Antenna: INPAQ

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	-6.60	-6.44	N/A	-6.49	-6.52	N/A	-6.30	-6.11	N/A	1.50	-1.69
		6175		-6.94	-6.75	N/A	-7.11	-6.60	N/A	-7.27	-6.88	N/A	1.50	-2.33
		6415		-6.91	-6.41	N/A	-6.85	-6.69	N/A	-6.95	-6.74	N/A	1.50	-2.14
	6	6435		-6.81	-6.89	N/A	-6.69	-6.99	N/A	-6.76	-6.61	N/A	1.40	-2.27
		6475		-6.63	-6.92	N/A	-6.47	-7.24	N/A	-6.69	-7.11	N/A	1.40	-2.36
		6515		-6.44	-6.84	N/A	-6.01	-6.90	N/A	-6.12	-7.13	N/A	1.40	-2.02
	7	6535		-6.01	-6.52	N/A	-6.02	-6.45	N/A	-6.32	-6.85	N/A	1.15	-2.07
		6695		-6.76	-6.33	N/A	-6.42	-6.09	N/A	-6.64	-6.02	N/A	1.15	-2.09
		6855		-6.28	-6.57	N/A	-6.09	-6.33	N/A	-6.42	-6.32	N/A	1.15	-2.05
	8	6875		-5.93	-6.86	N/A	-6.49	-6.60	N/A	-6.51	-6.48	N/A	1.67	-1.69
		6995		-6.70	-7.02	N/A	-6.28	-6.83	N/A	-6.40	-6.62	N/A	1.67	-1.83
		7115		-6.95	-6.24	N/A	-6.85	-6.48	N/A	-8.89	-8.05	N/A	1.67	-1.90

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 8			RU Index 17				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	26T	-6.50	-6.07	N/A	-6.86	-6.66	N/A	-6.41	-6.24	N/A	1.50	-1.77
		6165		-6.28	-6.32	N/A	-6.75	-6.81	N/A	-6.72	-6.75	N/A	1.50	-1.79
		6405		-6.44	-6.69	N/A	-6.95	-6.79	N/A	-6.85	-6.45	N/A	1.50	-2.05
	6	6445		-6.59	-6.60	N/A	-6.93	-7.35	N/A	-6.46	-7.10	N/A	1.40	-2.18
		6485		-6.54	-7.17	N/A	-6.75	-7.34	N/A	-6.45	-6.83	N/A	1.40	-2.23
	7	6525		-6.10	-6.94	N/A	-6.25	-6.79	N/A	-5.98	-6.62	N/A	1.40	-1.88
		6685		-5.85	-5.77	N/A	-6.41	-6.03	N/A	-6.68	-6.07	N/A	1.15	-1.65
		6845		-5.87	-6.57	N/A	-6.20	-6.77	N/A	-5.97	-6.37	N/A	1.15	-2.01
	8	6885		-6.03	-6.32	N/A	-5.88	-6.51	N/A	-6.09	-6.36	N/A	1.67	-1.49
		7005		-6.25	-6.60	N/A	-6.71	-7.15	N/A	-6.05	-6.83	N/A	1.67	-1.74
		7085		-6.49	-5.73	N/A	-6.84	-6.28	N/A	-6.43	-6.02	N/A	1.67	-1.41

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE80	5	5985	26T	-6.34	-6.20	N/A	-3.57	-3.08	N/A	-6.55	-6.22	N/A	1.50	1.19
		6145		-6.71	-6.57	N/A	-3.54	-3.26	N/A	-7.12	-6.64	N/A	1.50	1.11
		6385		-6.42	-6.60	N/A	-3.74	-3.83	N/A	-6.77	-6.69	N/A	1.50	0.73
	6	6465		-6.56	-6.57	N/A	-3.45	-4.36	N/A	-6.48	-6.94	N/A	1.40	0.53
		6545		-6.25	-6.40	N/A	-2.70	-3.81	N/A	-6.11	-6.29	N/A	1.15	0.94
	7	6625		-5.67	-6.11	N/A	-2.78	-3.16	N/A	-6.22	-5.79	N/A	1.15	1.19
		6705		-6.04	-5.79	N/A	-3.03	-3.21	N/A	-5.98	-6.37	N/A	1.15	1.04
		6785		-5.94	-6.33	N/A	-5.83	-6.51	N/A	-5.94	-6.22	N/A	1.15	-1.92
	8	6865		-5.64	-6.49	N/A	-5.75	-6.44	N/A	-6.06	-6.74	N/A	1.15	-1.88
		6945		-6.01	-6.19	N/A	-6.08	-6.62	N/A	-6.22	-6.51	N/A	1.67	-1.42
		7025		-6.22	-6.66	N/A	-6.73	-6.45	N/A	-6.49	-5.91	N/A	1.67	-1.51

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80L)	5	6025	26T	-6.14	-6.04	N/A	-3.56	-3.33	N/A	-6.54	-6.49	N/A	1.50	1.07
		6185		-6.44	-6.76	N/A	-3.59	-3.92	N/A	-7.05	-6.90	N/A	1.50	0.76
		6345		-7.05	-6.94	N/A	-4.12	-4.11	N/A	-6.97	-7.12	N/A	1.50	0.40
	6	6505		-6.19	-6.70	N/A	-3.62	-4.05	N/A	-6.41	-6.95	N/A	1.40	0.58
	7	6665		-6.07	-6.40	N/A	-2.93	-3.14	N/A	-5.84	-5.95	N/A	1.15	1.13
		6825		-5.99	-6.57	N/A	-6.48	-6.57	N/A	-6.40	-6.35	N/A	1.15	-2.11
	8	6985		-6.42	-6.34	N/A	-6.45	-6.83	N/A	-6.54	-6.67	N/A	1.67	-1.70

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S0			RU Index S18			RU Index S36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80H)	5	6025	26T	-6.21	-6.04	N/A	-3.75	-3.74	N/A	-7.05	-6.84	N/A	1.50	0.77
		6185		-6.87	-6.37	N/A	-3.79	-4.03	N/A	-7.21	-6.85	N/A	1.50	0.60
		6345		-6.73	-7.04	N/A	-3.98	-3.99	N/A	-6.63	-6.65	N/A	1.50	0.53
	6	6505		-5.71	-6.59	N/A	-3.36	-3.94	N/A	-6.14	-6.76	N/A	1.40	0.77
	7	6665		-6.13	-5.53	N/A	-3.36	-3.29	N/A	-6.35	-6.49	N/A	1.15	0.84
		6825		-6.14	-6.36	N/A	-6.29	-6.58	N/A	-6.15	-6.33	N/A	1.15	-2.08
	8	6985		-6.42	-6.77	N/A	-6.28	-6.28	N/A	-6.62	-6.02	N/A	1.67	-1.60

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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		
802.11ax-HE20	5	5955	52T	-3.38	-3.77	N/A	-3.76	-3.84	N/A	-3.73	-3.46	N/A	1.50	0.940
		6175		-4.12	-3.96	N/A	-4.14	-3.85	N/A	-4.35	-4.17	N/A	1.50	0.518
		6415		-4.09	-3.85	N/A	-3.81	-3.63	N/A	-3.95	-3.85	N/A	1.50	0.791
	6	6435		-4.06	-4.23	N/A	-4.12	-3.83	N/A	-4.13	-4.23	N/A	1.40	0.438
		6475		-3.81	-4.50	N/A	-3.75	-4.24	N/A	-3.76	-4.67	N/A	1.40	0.422
		6515		-3.42	-4.31	N/A	-2.85	-4.10	N/A	-3.10	-3.90	N/A	1.40	0.980
	7	6535		-2.93	-3.76	N/A	-2.96	-3.68	N/A	-3.25	-3.93	N/A	1.15	0.855
		6695		-3.63	-3.03	N/A	-3.56	-3.16	N/A	-3.47	-3.17	N/A	1.15	0.843
		6855		-3.22	-3.80	N/A	-3.29	-3.55	N/A	-3.49	-3.76	N/A	1.15	0.742
	8	6875		-3.23	-3.79	N/A	-3.40	-3.94	N/A	-3.44	-3.84	N/A	1.67	1.179
		6995		-3.73	-4.01	N/A	-3.55	-3.48	N/A	-3.73	-3.59	N/A	1.67	1.165
		7115		-3.90	-3.38	N/A	-3.90	-3.33	N/A	-7.67	-6.78	N/A	1.67	1.075

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 40			RU Index 44				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	52T	-3.65	-3.35	N/A	-3.92	-3.50	N/A	-3.80	-3.27	N/A	1.50	1.01
		6165		-3.61	-4.17	N/A	-3.88	-3.98	N/A	-4.05	-4.14	N/A	1.50	0.63
		6405		-3.91	-3.88	N/A	-4.03	-4.22	N/A	-3.75	-3.61	N/A	1.50	0.83
	6	6445		-3.53	-4.07	N/A	-3.82	-4.31	N/A	-3.62	-4.26	N/A	1.40	0.62
		6485		-3.74	-4.54	N/A	-3.44	-4.18	N/A	-3.68	-4.42	N/A	1.40	0.62
	7	6525		-3.21	-3.88	N/A	-3.25	-4.31	N/A	-3.36	-4.03	N/A	1.15	0.63
		6685		-3.21	-2.73	N/A	-3.48	-3.15	N/A	-3.63	-3.38	N/A	1.15	1.20
		6845		-3.44	-3.41	N/A	-3.13	-3.91	N/A	-3.30	-3.56	N/A	1.15	0.74
	8	6885		-3.41	-3.69	N/A	-3.41	-3.66	N/A	-3.49	-3.53	N/A	1.67	1.17
		7005		-3.17	-3.97	N/A	-3.86	-3.76	N/A	-3.34	-3.43	N/A	1.67	1.30
		7085		-3.56	-3.29	N/A	-3.72	-3.46	N/A	-4.04	-3.21	N/A	1.67	1.26

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 44			RU Index 52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	52T	-3.78	-3.66	N/A	-3.61	-3.49	N/A	-3.81	-3.71	N/A	1.50	0.96
		6145		-3.89	-3.75	N/A	-4.00	-3.67	N/A	-4.55	-4.19	N/A	1.50	0.69
		6385		-3.98	-4.25	N/A	-4.06	-4.29	N/A	-3.85	-4.28	N/A	1.50	0.45
	6	6465		-4.03	-3.93	N/A	-3.50	-4.24	N/A	-3.59	-4.27	N/A	1.40	0.56
		6545		-3.24	-4.23	N/A	-3.03	-3.72	N/A	-3.07	-3.92	N/A	1.15	0.80
	7	6625		-2.94	-3.44	N/A	-3.00	-3.34	N/A	-3.03	-3.20	N/A	1.15	1.05
		6705		-3.41	-2.99	N/A	-3.87	-3.61	N/A	-3.68	-3.68	N/A	1.15	0.97
		6785		-3.11	-3.39	N/A	-3.12	-3.56	N/A	-3.55	-3.58	N/A	1.15	0.91
	8	6865		-2.92	-3.80	N/A	-3.04	-3.58	N/A	-3.52	-3.67	N/A	1.15	0.86
		6945		-3.51	-3.84	N/A	-3.46	-3.04	N/A	-3.38	-3.81	N/A	1.67	1.44
		7025		-3.43	-4.08	N/A	-3.21	-3.44	N/A	-3.87	-3.23	N/A	1.67	1.36

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160 (80L)	5	6025	52T	-3.92	-3.42	N/A	-3.67	-3.42	N/A	-3.54	-3.39	N/A	1.50	1.05
		6185		-4.03	-3.88	N/A	-3.69	-3.94	N/A	-4.10	-3.68	N/A	1.50	0.70
		6345		-4.24	-4.38	N/A	-4.40	-4.58	N/A	-3.86	-4.18	N/A	1.50	0.49
	6	6505		-3.85	-4.04	N/A	-3.43	-4.04	N/A	-3.41	-4.41	N/A	1.40	0.69
	7	6665		-3.24	-3.45	N/A	-2.91	-3.31	N/A	-3.26	-2.82	N/A	1.15	1.13
		6825		-3.18	-3.44	N/A	-3.08	-3.46	N/A	-3.35	-3.65	N/A	1.15	0.89
	8	6985		-3.33	-3.59	N/A	-3.40	-3.51	N/A	-3.76	-3.73	N/A	1.67	1.23

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 S37			RU Index S44			RU Index S52					
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}			
802.11ax-HE160 (80H)	5	6025	52T	-3.75	-3.65	N/A	-3.67	-3.71	N/A	-4.03	-3.63	N/A	1.50	0.82	
		6185		-3.89	-3.98	N/A	-4.15	-4.19	N/A	-4.21	-4.21	N/A	1.50	0.58	
		6345		-4.04	-4.09	N/A	-3.72	-4.04	N/A	-4.15	-3.83	N/A	1.50	0.63	
	6	6505		-3.15	-3.60	N/A	-3.19	-3.68	N/A	-3.43	-4.02	N/A	1.40	1.04	
		7		6665	-3.11	-3.00	N/A	-3.30	-3.32	N/A	-3.51	-3.72	N/A	1.15	1.11
				6825	-3.29	-3.49	N/A	-3.32	-3.63	N/A	-3.10	-3.46	N/A	1.15	0.88
	8	6985		-3.13	-3.67	N/A	-3.40	-3.96	N/A	-3.58	-3.41	N/A	1.67	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) ii), 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 = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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}		
802.11ax-HE20	5	5955	106T	-0.46	-0.68	N/A	-0.75	-0.62	N/A	1.50	3.94
		6175		-0.96	-0.94	N/A	-0.75	-0.97	N/A	1.50	3.65
		6415		-0.99	-0.73	N/A	-1.11	-0.84	N/A	1.50	3.65
	6	6435		-0.59	-0.78	N/A	-0.87	-0.78	N/A	1.40	3.73
		6475		-0.85	-1.21	N/A	-0.60	-1.33	N/A	1.40	3.46
		6515		-0.16	-1.00	N/A	-0.33	-0.88	N/A	1.40	3.85
	7	6535		-0.19	-0.53	N/A	-0.39	-0.87	N/A	1.15	3.80
		6695		-0.21	-0.07	N/A	-0.47	-0.42	N/A	1.15	4.02
		6855		0.03	-0.58	N/A	-0.04	-0.84	N/A	1.15	3.90
	8	6875		-0.06	-0.67	N/A	-0.38	-0.67	N/A	1.67	4.33
		6995		-0.33	-0.66	N/A	-0.23	-0.89	N/A	1.67	4.19
		7115		-0.92	-0.07	N/A	-5.60	-4.19	N/A	1.67	4.21

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 53			RU Index 54			RU Index 56				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	106T	-0.33	-0.29	N/A	-0.76	-0.57	N/A	-0.74	-0.42	N/A	1.50	4.20
		6165		-0.59	-0.90	N/A	-1.00	-1.21	N/A	-1.30	-1.06	N/A	1.50	3.77
		6405		-0.47	-0.93	N/A	-0.91	-0.93	N/A	-1.06	-1.06	N/A	1.50	3.82
	6	6445		-0.52	-0.96	N/A	-0.86	-1.04	N/A	-0.30	-1.10	N/A	1.40	3.73
		6485		-0.81	-1.02	N/A	-0.56	-1.15	N/A	-0.38	-1.13	N/A	1.40	3.67
	7	6525		0.26	-1.10	N/A	0.05	-1.09	N/A	-0.28	-0.61	N/A	1.40	4.04
		6685		-0.06	-0.13	N/A	-0.51	-0.36	N/A	-0.11	-0.33	N/A	1.15	4.07
		6845		0.08	-0.85	N/A	0.05	-1.08	N/A	0.33	-0.68	N/A	1.15	4.01
	8	6885		0.10	-0.99	N/A	-0.48	-0.96	N/A	-0.19	-0.54	N/A	1.67	4.32
		7005		-0.35	-0.82	N/A	-0.27	-1.17	N/A	-0.85	-0.46	N/A	1.67	4.10
		7085		-0.67	-0.38	N/A	-0.61	-0.49	N/A	-0.94	-0.42	N/A	1.67	4.16

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2]$ = 1.50dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2]$ = 1.40dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2]$ = 1.15dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2]$ = 1.67dBi

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

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

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Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE80	5	5985	106T	-0.41	-0.38	N/A	-0.65	-0.90	N/A	-0.51	-0.54	N/A	1.50	4.12
		6145		-0.73	-0.66	N/A	-0.59	-0.59	N/A	-1.00	-1.00	N/A	1.50	3.92
		6385		-0.45	-1.10	N/A	-0.50	-1.38	N/A	-0.67	-0.56	N/A	1.50	3.90
	6	6465		-0.32	-0.97	N/A	-0.27	-0.81	N/A	-0.33	-1.20	N/A	1.40	3.88
		6545		-0.16	-0.62	N/A	0.03	-0.61	N/A	-0.02	-1.00	N/A	1.15	3.88
	7	6625		0.11	-0.76	N/A	0.62	-0.78	N/A	0.32	-0.29	N/A	1.15	4.19
		6705		0.04	-0.65	N/A	-0.23	-0.59	N/A	0.06	-1.17	N/A	1.15	3.87
		6785		0.01	-0.75	N/A	-0.10	-0.86	N/A	-0.03	-0.95	N/A	1.15	3.81
	8	6865		0.00	-0.90	N/A	0.17	-0.76	N/A	-0.21	-0.67	N/A	1.15	3.89
		6945		-0.53	-0.96	N/A	-0.83	-0.61	N/A	-0.83	-0.84	N/A	1.67	3.96
		7025		-0.48	-0.85	N/A	-0.58	-0.82	N/A	-0.63	0.09	N/A	1.67	4.43

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE160 (80L)	5	6025	106T	-0.39	-0.47	N/A	-0.67	-0.90	N/A	-0.62	-0.55	N/A	1.50	4.08
		6185		-0.56	-1.04	N/A	-1.02	-0.73	N/A	-1.12	-1.06	N/A	1.50	3.72
		6345		-1.09	-1.16	N/A	-1.24	-1.62	N/A	-0.99	-1.46	N/A	1.50	3.39
	6	6505		-0.66	-1.03	N/A	-0.71	-1.22	N/A	-0.33	-1.29	N/A	1.40	3.63
	7	6665		0.18	-0.65	N/A	0.44	-0.27	N/A	0.04	0.03	N/A	1.15	4.26
		6825		-0.08	0.00	N/A	-0.34	-0.77	N/A	-0.14	-0.93	N/A	1.15	4.12
	8	6985		-0.23	-1.02	N/A	-0.52	-0.51	N/A	-0.81	-0.63	N/A	1.67	4.17

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S53			RU Index S56			RU Index S60				
				AUX	Main	Duty Cycle Factor 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor 10log(1/X) ^{Note 3}		
802.11ax-HE160 (80H)	5	6025	106T	-0.69	-0.24	N/A	-0.78	-0.94	N/A	-0.87	-0.87	N/A	1.50	4.05
		6185		-0.82	-1.15	N/A	-0.74	-1.68	N/A	-0.76	-1.25	N/A	1.50	3.53
		6345		-0.88	-1.63	N/A	-0.43	-1.12	N/A	-0.58	-0.88	N/A	1.50	3.78
	6	6505		-0.27	-0.71	N/A	0.12	-0.53	N/A	0.01	-0.82	N/A	1.40	4.22
	7	6665		-0.09	-0.15	N/A	-0.27	-0.60	N/A	-0.48	-0.90	N/A	1.15	4.04
		6825		-0.05	-1.03	N/A	-0.09	-0.91	N/A	-0.46	-0.45	N/A	1.15	3.71
	8	6985		-0.50	-0.87	N/A	-0.68	-1.07	N/A	-0.74	-0.30	N/A	1.67	4.17

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

2. EIRP limit is 24dBm

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

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

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

$$5925\sim 6425\text{MHz: Directional gain} = 10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50\text{dBi}$$

$$6425\sim 6525\text{MHz: Directional gain} = 10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40\text{dBi}$$

$$6525\sim 6875\text{MHz: Directional gain} = 10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15\text{dBi}$$

$$6875\sim 7125\text{MHz: Directional gain} = 10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67\text{dBi}$$

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 61				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE20	5	5955	242T	3.00	2.65	N/A	1.50	7.34
		6175		2.33	2.69	N/A	1.50	7.02
		6415		2.86	2.48	N/A	1.50	7.18
	6	6435		3.17	2.59	N/A	1.40	7.30
		6475		2.7	2.55	N/A	1.40	7.04
		6515		3.13	2.64	N/A	1.40	7.30
	7	6535		3.28	2.46	N/A	1.15	7.05
		6695		3.16	3.13	N/A	1.15	7.31
		6855		3.39	2.93	N/A	1.15	7.33
	8	6875		3.46	2.77	N/A	1.67	7.81
		6995		2.80	2.64	N/A	1.67	7.40
		7115		-5.82	-5.16	N/A	1.67	-0.80

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 61			RU Index 62				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	242T	3.07	2.58	N/A	2.85	3.03	N/A	1.50	7.45
		6165		2.61	2.38	N/A	2.62	2.78	N/A	1.50	7.21
		6405		2.76	2.36	N/A	2.5	2.53	N/A	1.50	7.07
	6	6445		3.03	2.51	N/A	2.78	2.51	N/A	1.40	7.19
		6485		2.7	2.19	N/A	2.92	2.27	N/A	1.40	7.02
	7	6525		3.69	2.52	N/A	3.60	2.75	N/A	1.40	7.61
		6685		3.45	3.15	N/A	3.50	3.13	N/A	1.15	7.48
		6845		3.49	2.65	N/A	3.19	2.51	N/A	1.15	7.25
	8	6885		3.54	2.73	N/A	3.40	2.58	N/A	1.67	7.83
		7005		2.82	2.56	N/A	2.81	2.56	N/A	1.67	7.37
		7085		2.44	3.22	N/A	2.23	3.29	N/A	1.67	7.53

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE80	5	5985	242T	3.08	2.75	N/A	3.24	3.07	N/A	2.74	2.65	N/A	1.50	7.67
		6145		2.44	2.63	N/A	2.91	2.61	N/A	2.57	2.59	N/A	1.50	7.27
		6385		2.70	2.04	N/A	3.13	2.96	N/A	2.57	2.92	N/A	1.50	7.56
	6	6465		2.76	2.64	N/A	3.14	2.63	N/A	3.12	2.3	N/A	1.40	7.30
		6545		3.29	2.69	N/A	3.55	2.97	N/A	3.77	2.59	N/A	1.15	7.43
	7	6625		3.46	2.76	N/A	3.68	3.32	N/A	3.74	3.5	N/A	1.15	7.71
		6705		3.57	3.41	N/A	3.60	3.31	N/A	3.29	2.79	N/A	1.15	7.65
		6785		3.70	2.69	N/A	3.54	3.05	N/A	3.22	2.66	N/A	1.15	7.46
	8	6865		3.56	2.30	N/A	3.9	3.25	N/A	3.28	2.78	N/A	1.15	7.75
		6945		3.02	2.47	N/A	2.95	3.15	N/A	2.76	2.71	N/A	1.67	7.73
		7025		3.25	2.42	N/A	2.96	3.09	N/A	2.93	3.03	N/A	1.67	7.71

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160 (80L)	5	6025	242T	2.79	2.83	N/A	3.04	3.38	N/A	2.74	2.69	N/A	1.50	7.72
		6185		2.63	2.15	N/A	3.21	2.95	N/A	2.47	2.44	N/A	1.50	7.59
		6345		2.7	2.16	N/A	2.57	2.36	N/A	2.44	1.97	N/A	1.50	6.98
	6	6505		2.89	2.48	N/A	3.40	2.62	N/A	3.16	2.47	N/A	1.40	7.44
	7	6665		3.33	2.73	N/A	3.78	3.37	N/A	3.83	3.32	N/A	1.15	7.74
		6825		3.44	2.68	N/A	3.87	2.85	N/A	3.24	2.76	N/A	1.15	7.55
	8	6985		3.21	2.57	N/A	3.15	2.92	N/A	2.79	2.42	N/A	1.67	7.72

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S61			RU Index S62			RU Index S64				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160 (80H)	5	6025	242T	2.74	2.9	N/A	2.98	2.79	N/A	2.85	2.67	N/A	1.50	7.40
		6185		2.32	2.28	N/A	2.88	2.35	N/A	2.32	2.15	N/A	1.50	7.13
		6345		2.60	1.92	N/A	3.40	2.59	N/A	2.89	2.52	N/A	1.50	7.52
	6	6505		3.30	2.68	N/A	3.62	2.78	N/A	3.6	2.71	N/A	1.40	7.63
	7	6665		3.53	3.25	N/A	3.48	3.25	N/A	3.15	2.22	N/A	1.15	7.55
		6825		3.36	2.66	N/A	3.37	2.54	N/A	2.91	2.89	N/A	1.15	7.18
	8	6985		2.94	2.55	N/A	2.84	3.03	N/A	2.88	3.01	N/A	1.67	7.63

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 65				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE40	5	5965	484T	5.91	5.77	N/A	1.50	10.35
		6165		5.73	5.38	N/A	1.50	10.07
		6405		5.72	5.44	N/A	1.50	10.09
	6	6445		5.74	5.6	N/A	1.40	10.08
		6485		5.52	5.26	N/A	1.40	9.80
	7	6525		6.22	5.42	N/A	1.40	10.25
		6685		6.16	6.14	N/A	1.15	10.31
		6845		6.41	5.27	N/A	1.15	10.04
	8	6885		5.72	5.48	N/A	1.67	10.28
		7005		5.59	5.58	N/A	1.67	10.27
		7085		5.41	6.06	N/A	1.67	10.43

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	484T	5.78	5.56	N/A	5.86	5.57	N/A	1.50	10.23
		6145		5.52	5.74	N/A	5.64	5.45	N/A	1.50	10.14
		6385		5.51	4.93	N/A	5.68	5.31	N/A	1.50	10.01
	6	6465		5.87	5.48	N/A	5.52	5.02	N/A	1.40	10.09
		6545		6.22	5.35	N/A	6.32	5.38	N/A	1.15	10.04
	7	6625		6.22	5.62	N/A	6.38	5.89	N/A	1.15	10.30
		6705		6.18	5.75	N/A	6.08	5.41	N/A	1.15	10.13
		6785		6.43	5.22	N/A	5.85	5.26	N/A	1.15	10.03
	8	6865		6.39	6.18	N/A	5.76	5.03	N/A	1.15	10.45
		6945		5.42	5.61	N/A	5.6	5.65	N/A	1.67	10.31
		7025		5.45	5.50	N/A	5.59	5.84	N/A	1.67	10.40

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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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				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160 (80L)	5	6025	484T	5.45	5.73	N/A	5.78	5.54	N/A	1.50	10.17
		6185		5.24	5.48	N/A	5.51	5.11	N/A	1.50	9.87
		6345		5.07	4.64	N/A	5.05	4.73	N/A	1.50	9.40
	6	6505		5.74	5.07	N/A	5.47	5.09	N/A	1.40	9.83
	7	6665		6.27	5.61	N/A	6.55	5.91	N/A	1.15	10.40
		6825		6.11	5.57	N/A	5.86	5.17	N/A	1.15	10.01
	8	6985		5.55	5.64	N/A	5.61	5.16	N/A	1.67	10.28

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S65			RU Index S66				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160 (80H)	5	6025	484T	5.51	5.69	N/A	5.42	5.48	N/A	1.50	10.11
		6185		5.42	5.1	N/A	5.27	4.87	N/A	1.50	9.77
		6345		5.33	4.79	N/A	5.31	5.12	N/A	1.50	9.73
	6	6505		5.98	5.44	N/A	6.03	5.75	N/A	1.40	10.30
	7	6665		5.71	5.96	N/A	5.78	5.42	N/A	1.15	10.00
		6825		5.94	5.34	N/A	5.62	5.44	N/A	1.15	9.81
	8	6985		5.61	5.24	N/A	5.53	5.38	N/A	1.67	10.14

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 67				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11ax-HE80	5	5985	996T	9.67	9.33	N/A	1.50	14.01
		6145		9.3	8.64	N/A	1.50	13.49
		6385		9.54	8.86	N/A	1.50	13.72
	6	6465		9.77	8.61	N/A	1.40	13.64
		6545		9.72	8.97	N/A	1.15	13.52
	7	6625		9.57	9.3	N/A	1.15	13.60
		6705		9.33	8.81	N/A	1.15	13.24
		6785		9.38	8.91	N/A	1.15	13.31
	8	6865		8.94	8.35	N/A	1.15	12.82
		6945		9.11	8.22	N/A	1.67	13.37
		7025		9.17	8.52	N/A	1.67	13.54

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index 67			RU Index S67				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) ^{Note 3}		
802.11ax-HE160	5	6025	996T	9.49	9.07	N/A	9.59	8.99	N/A	1.50	13.81
		6185		9.39	8.56	N/A	9.26	8.98	N/A	1.50	13.63
		6345		9.08	8.83	N/A	9.33	8.81	N/A	1.50	13.59
	6	6505		9.51	8.66	N/A	9.41	9.11	N/A	1.40	13.67
	7	6665		9.7	9.39	N/A	9.2	8.8	N/A	1.15	13.71
		6825		8.74	8.58	N/A	8.8	8.42	N/A	1.15	12.82
	8	6985		9.03	8.31	N/A	8.93	8.64	N/A	1.67	13.47

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 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	-6.08	-6.02	N/A	-6.11	-6.47	N/A	-6.33	-6.57	N/A	1.50	-1.54
		6175		-6.46	-6.83	N/A	-6.66	-6.86	N/A	-7.03	-7.10	N/A	1.50	-2.13
		6415		-6.75	-6.72	N/A	-6.54	-6.79	N/A	-7.13	-6.69	N/A	1.50	-2.15
	6	6435		-6.46	-6.81	N/A	-6.63	-6.68	N/A	-6.61	-6.79	N/A	1.40	-2.22
		6475		-6.20	-6.79	N/A	-6.62	-7.04	N/A	-6.48	-7.36	N/A	1.40	-2.07
		6515		-5.96	-6.60	N/A	-5.90	-6.63	N/A	-5.68	-7.00	N/A	1.40	-1.84
	7	6535		-6.12	-6.18	N/A	-5.93	-6.63	N/A	-5.99	-6.53	N/A	1.15	-1.99
		6695		-6.13	-6.16	N/A	-6.25	-6.10	N/A	-5.93	-6.18	N/A	1.15	-1.89
		6855		-5.78	-6.89	N/A	-6.06	-6.73	N/A	-6.17	-6.52	N/A	1.15	-2.14
	8	6875		-5.85	-6.57	N/A	-6.20	-6.77	N/A	-5.79	-6.39	N/A	1.67	-1.40
		6995		-6.46	-7.22	N/A	-6.85	-6.73	N/A	-6.55	-6.99	N/A	1.67	-2.08
		7115		-7.16	-6.36	N/A	-7.14	-6.02	N/A	-9.45	-8.14	N/A	1.67	-1.86

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 0			RU Index 8			RU Index 17				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT40	5	5965	26T	-6.11	-6.13	N/A	-6.72	-6.72	N/A	-6.49	-6.11	N/A	1.50	-1.61
		6165		-6.61	-6.79	N/A	-6.57	-6.96	N/A	-6.85	-6.36	N/A	1.50	-2.09
		6405		-6.24	-6.77	N/A	-6.86	-6.86	N/A	-6.82	-6.74	N/A	1.50	-1.99
	6	6445		-6.11	-6.30	N/A	-6.89	-6.84	N/A	-6.50	-6.94	N/A	1.40	-1.79
		6485		-6.30	-6.64	N/A	-6.83	-7.17	N/A	-6.19	-6.86	N/A	1.40	-2.06
	7	6525		-5.81	-6.70	N/A	-5.88	-6.68	N/A	-6.12	-6.50	N/A	1.40	-1.82
		6685		-5.81	-5.63	N/A	-6.26	-6.71	N/A	-6.22	-6.17	N/A	1.15	-1.56
		6845		-5.88	-6.61	N/A	-5.98	-7.03	N/A	-5.82	-6.40	N/A	1.15	-1.94
	8	6885		-5.76	-6.47	N/A	-6.24	-7.01	N/A	-6.41	-6.56	N/A	1.67	-1.42
		7005		-5.95	-6.86	N/A	-6.85	-7.03	N/A	-6.10	-6.89	N/A	1.67	-1.70
		7085		-6.52	-6.04	N/A	-6.69	-6.53	N/A	-6.91	-6.22	N/A	1.67	-1.59

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 19			RU Index 36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT80	5	5985	26T	-6.60	-6.60	N/A	-6.33	-5.97	N/A	-6.59	-5.86	N/A	1.50	-1.64
		6145		-5.97	-6.45	N/A	-5.92	-6.44	N/A	-6.65	-6.93	N/A	1.50	-1.66
		6385		-6.49	-6.69	N/A	-6.59	-6.39	N/A	-6.31	-6.30	N/A	1.50	-1.79
	6	6465		-6.59	-6.53	N/A	-6.48	-6.59	N/A	-6.29	-6.88	N/A	1.40	-2.12
		6545		-5.70	-6.59	N/A	-5.83	-6.73	N/A	-5.46	-6.70	N/A	1.15	-1.88
	7	6625		-5.48	-6.42	N/A	-5.13	-5.92	N/A	-5.81	-6.20	N/A	1.15	-1.35
		6705		-5.83	-5.86	N/A	-5.89	-6.47	N/A	-5.81	-6.52	N/A	1.15	-1.68
		6785		-5.82	-6.81	N/A	-5.50	-6.53	N/A	-5.68	-6.24	N/A	1.15	-1.79
	8	6865		-5.56	-6.60	N/A	-5.78	-6.51	N/A	-6.08	-6.68	N/A	1.15	-1.89
		6945		-6.21	-6.32	N/A	-6.11	-6.76	N/A	-6.73	-6.24	N/A	1.67	-1.58
		7025		-6.17	-6.79	N/A	-6.32	-6.35	N/A	-6.44	-5.92	N/A	1.67	-1.49

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 0			RU Index 19			RU Index 36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT160 (80L)	5	6025	26T	-6.00	-6.06	N/A	-6.00	-5.81	N/A	-6.44	-6.13	N/A	1.50	-1.39
		6185		-6.48	-6.64	N/A	-6.61	-6.50	N/A	-6.87	-6.85	N/A	1.50	-2.04
		6345		-6.52	-6.98	N/A	-6.67	-7.21	N/A	-6.43	-7.28	N/A	1.50	-2.23
	6	6505		-6.63	-6.34	N/A	-6.08	-6.70	N/A	-6.20	-6.82	N/A	1.40	-1.97
	7	6665		-5.54	-6.11	N/A	-5.24	-6.05	N/A	-5.58	-6.15	N/A	1.15	-1.47
		6825		-5.74	-6.90	N/A	-5.83	-6.38	N/A	-5.95	-6.61	N/A	1.15	-1.94
	8	6985		-6.18	-6.09	N/A	-6.15	-6.69	N/A	-6.65	-6.44	N/A	1.67	-1.45

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S0			RU Index S19			RU Index S36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT160 (80H)	5	6025	26T	-6.26	-5.82	N/A	-6.23	-6.52	N/A	-6.59	-6.94	N/A	1.50	-1.52
		6185		-6.53	-6.78	N/A	-6.72	-7.01	N/A	-6.72	-7.26	N/A	1.50	-2.14
		6345		-6.28	-7.05	N/A	-6.51	-6.86	N/A	-6.74	-6.66	N/A	1.50	-2.14
	6	6505		-6.00	-6.54	N/A	-5.56	-6.31	N/A	-5.80	-6.76	N/A	1.40	-1.51
	7	6665		-5.63	-5.78	N/A	-5.84	-6.36	N/A	-5.89	-6.56	N/A	1.15	-1.54
		6825		-5.63	-6.32	N/A	-5.84	-6.17	N/A	-6.20	-6.36	N/A	1.15	-1.80
	8	6985		-5.87	-6.65	N/A	-6.28	-6.12	N/A	-6.79	-6.03	N/A	1.67	-1.52

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) ii), 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 = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 0			RU Index 19			RU Index 36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT320	5	6105	26T	-6.16	-6.30	N/A	-6.49	-5.79	N/A	-6.30	-6.26	N/A	1.50	-1.62
		6265		-6.15	-6.36	N/A	-6.32	-6.46	N/A	-6.86	-6.77	N/A	1.50	-1.74
		6425		-6.55	-6.47	N/A	-6.75	-7.11	N/A	-6.44	-7.09	N/A	1.50	-2.00
	6	6585		-6.56	-6.65	N/A	-6.27	-6.85	N/A	-6.39	-6.79	N/A	1.15	-2.39
	7	6745		-5.77	-6.28	N/A	-5.75	-6.14	N/A	-5.77	-6.08	N/A	1.15	-1.76
	8	6905		-5.84	-6.42	N/A	-5.83	-6.79	N/A	-5.74	-6.34	N/A	1.67	-1.35

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) ^{Note 4}	Max EIRP (dBm) ^{Note 5}
				RU Index S0			RU Index S19			RU Index S36				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT320	5	6105	26T	-6.44	-6.28	N/A	-6.75	-6.34	N/A	-6.37	-6.61	N/A	1.50	-1.85
		6265		-6.17	-6.44	N/A	-6.73	-6.82	N/A	-7.09	-7.19	N/A	1.50	-1.79
		6425		-6.47	-6.92	N/A	-6.70	-6.33	N/A	-6.52	-6.62	N/A	1.50	-2.00
	6	6585		-5.65	-6.62	N/A	-6.02	-6.54	N/A	-5.41	-6.20	N/A	1.15	-1.63
	7	6745		-5.62	-5.59	N/A	-5.93	-6.30	N/A	-6.14	-6.75	N/A	1.15	-1.44
	8	6905		-5.96	-6.24	N/A	-5.77	-6.66	N/A	-6.06	-6.56	N/A	1.67	-1.42

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 T0			RU Index T19			RU Index T36				
				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	26T	-6.27	-6.85	N/A	-6.26	-6.74	N/A	-6.70	-6.83	N/A	1.50	-1.98
		6265		-6.66	-6.89	N/A	-6.30	-6.84	N/A	-6.37	-7.44	N/A	1.50	-2.05
		6425		-6.39	-6.66	N/A	-6.06	-6.85	N/A	-6.27	-6.80	N/A	1.50	-1.93
	6	6585		-5.61	-6.27	N/A	-5.21	-5.71	N/A	-5.70	-5.89	N/A	1.15	-1.29
	7	6745		-5.79	-6.62	N/A	-5.94	-6.25	N/A	-6.17	-6.74	N/A	1.15	-1.93
	8	6905		-6.21	-6.20	N/A	-6.11	-6.64	N/A	-6.54	-6.41	N/A	1.67	-1.52

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 W0			RU Index W19			RU Index W36				
				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	26T	-6.61	-6.38	N/A	-6.21	-6.77	N/A	-6.64	-6.65	N/A	1.50	-1.97
		6265		-6.70	-6.98	N/A	-6.29	-6.04	N/A	-6.48	-6.42	N/A	1.50	-1.65
		6425		-5.88	-6.20	N/A	-5.89	-6.00	N/A	-5.36	-6.34	N/A	1.50	-1.31
	6	6585		-6.04	-6.14	N/A	-5.97	-6.33	N/A	-6.24	-6.54	N/A	1.4015	-1.93
	7	6745		-5.44	-6.16	N/A	-5.65	-6.18	N/A	-6.36	-6.18	N/A	1.15	-1.62
	8	6905		-6.26	-6.74	N/A	-6.16	-5.82	N/A	-6.45	-5.86	N/A	1.67	-1.31

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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	-3.61	-3.70	N/A	-3.65	-3.64	N/A	-3.80	-3.61	N/A	1.50	0.865
		6175		-4.07	-3.75	N/A	-4.31	-3.88	N/A	-4.37	-3.87	N/A	1.50	0.603
		6415		-3.94	-3.61	N/A	-3.73	-3.80	N/A	-3.87	-3.76	N/A	1.50	0.745
	6	6435		-3.84	-3.75	N/A	-3.66	-4.19	N/A	-3.82	-4.06	N/A	1.40	0.616
		6475		-3.70	-4.13	N/A	-3.38	-3.87	N/A	-3.96	-4.37	N/A	1.40	0.792
		6515		-3.58	-3.97	N/A	-3.13	-4.01	N/A	-2.95	-4.17	N/A	1.40	0.893
	7	6535		-3.27	-3.92	N/A	-3.37	-3.69	N/A	-3.15	-4.03	N/A	1.15	0.633
		6695		-3.23	-3.45	N/A	-3.22	-3.68	N/A	-3.36	-3.35	N/A	1.15	0.822
		6855		-3.34	-3.82	N/A	-3.00	-3.59	N/A	-3.31	-4.09	N/A	1.15	0.875
	8	6875		-3.49	-3.76	N/A	-3.21	-3.58	N/A	-3.54	-4.10	N/A	1.67	1.289
		6995		-3.61	-3.75	N/A	-3.50	-3.51	N/A	-3.61	-3.50	N/A	1.67	1.175
		7115		-4.06	-2.92	N/A	-4.24	-3.09	N/A	-7.74	-6.62	N/A	1.67	1.228

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

2. EIRP limit is 24dBm

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

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

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

5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi

6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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 40			RU Index 44				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT40	5	5965	52T	-3.65	-3.80	N/A	-3.63	-3.77	N/A	-3.69	-3.59	N/A	1.50	0.87
		6165		-3.22	-3.98	N/A	-3.94	-4.10	N/A	-4.08	-4.02	N/A	1.50	0.93
		6405		-3.76	-4.05	N/A	-3.62	-3.92	N/A	-4.11	-3.79	N/A	1.50	0.74
	6	6445		-3.64	-3.58	N/A	-3.60	-3.87	N/A	-3.55	-4.46	N/A	1.40	0.80
		6485		-3.66	-4.33	N/A	-3.63	-4.49	N/A	-3.61	-4.19	N/A	1.40	0.52
	7	6525		-2.98	-3.97	N/A	-3.21	-3.99	N/A	-3.27	-3.79	N/A	1.40	0.96
		6685		-2.78	-2.82	N/A	-3.36	-3.63	N/A	-3.49	-3.34	N/A	1.15	1.36
		6845		-3.20	-4.00	N/A	-3.20	-4.13	N/A	-2.95	-3.93	N/A	1.15	0.75
	8	6885		-2.89	-3.66	N/A	-3.14	-3.78	N/A	-3.24	-3.46	N/A	1.67	1.42
		7005		-3.65	-3.62	N/A	-3.40	-3.90	N/A	-3.65	-3.84	N/A	1.67	1.05
		7085		-3.65	-3.06	N/A	-3.85	-3.34	N/A	-4.20	-3.48	N/A	1.67	1.34

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT80	5	5985	52T	-3.74	-3.28	N/A	-3.60	-3.70	N/A	-3.77	-3.70	N/A	1.50	1.01
		6145		-3.60	-3.77	N/A	-3.75	-3.95	N/A	-3.87	-4.09	N/A	1.50	0.83
		6385		-3.80	-4.06	N/A	-3.96	-4.09	N/A	-3.81	-3.73	N/A	1.50	0.74
	6	6465		-3.70	-3.83	N/A	-3.41	-3.94	N/A	-3.14	-3.98	N/A	1.40	0.87
		6545		-3.03	-3.89	N/A	-3.09	-3.91	N/A	-3.13	-3.48	N/A	1.15	0.86
	7	6625		-2.86	-3.53	N/A	-2.42	-3.23	N/A	-2.78	-3.26	N/A	1.15	1.35
		6705		-2.88	-3.56	N/A	-3.27	-3.63	N/A	-3.28	-3.83	N/A	1.15	0.95
		6785		-3.23	-3.85	N/A	-3.37	-4.02	N/A	-3.46	-4.00	N/A	1.15	0.63
	8	6865		-2.99	-3.77	N/A	-3.11	-4.07	N/A	-3.30	-3.29	N/A	1.15	0.87
		6945		-3.19	-3.59	N/A	-3.58	-3.47	N/A	-3.49	-3.43	N/A	1.67	1.29
		7025		-3.24	-3.81	N/A	-3.59	-3.44	N/A	-3.54	-3.47	N/A	1.67	1.18

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

2. EIRP limit is 24dBm

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

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

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

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6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi

6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi

6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ 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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				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT160 (80L)	5	6025	52T	-3.34	-3.55	N/A	-3.51	-3.83	N/A	-3.77	-3.51	N/A	1.50	1.07
		6185		-3.54	-4.24	N/A	-3.63	-3.75	N/A	-4.29	-3.88	N/A	1.50	0.82
		6345		-4.18	-3.99	N/A	-3.94	-4.46	N/A	-3.96	-4.31	N/A	1.50	0.43
	6	6505		-3.47	-3.58	N/A	-3.81	-4.00	N/A	-3.20	-4.27	N/A	1.40	0.89
	7	6665		-2.90	-3.64	N/A	-2.42	-3.43	N/A	-2.75	-3.32	N/A	1.15	1.26
		6825		-3.24	-3.74	N/A	-3.18	-3.89	N/A	-3.09	-3.85	N/A	1.15	0.71
	8	6985		-3.36	-3.43	N/A	-3.56	-3.30	N/A	-3.32	-3.74	N/A	1.67	1.29

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) Note 4	Max EIRP (dBm) Note 5
				RU Index S37			RU Index S44			RU Index S52				
				AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3	AUX	Main	Duty Cycle Factor (dB) 10log(1/X) Note 3		
802.11be-EHT160 (80H)	5	6025	52T	-3.45	-3.32	N/A	-3.92	-3.67	N/A	-3.95	-3.85	N/A	1.50	1.13
		6185		-3.69	-3.85	N/A	-3.76	-4.16	N/A	-4.17	-4.18	N/A	1.50	0.74
		6345		-3.85	-4.25	N/A	-3.77	-3.93	N/A	-3.79	-3.52	N/A	1.50	0.86
	6	6505		-3.59	-3.69	N/A	-3.52	-3.66	N/A	-3.08	-3.68	N/A	1.40	1.04
	7	6665		-3.01	-3.19	N/A	-3.39	-3.13	N/A	-3.07	-3.71	N/A	1.15	1.06
		6825		-3.10	-3.88	N/A	-3.19	-3.16	N/A	-3.31	-3.39	N/A	1.15	0.99
	8	6985		-3.13	-3.76	N/A	-3.32	-3.74	N/A	-3.67	-3.27	N/A	1.67	1.25

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

2. EIRP limit is 24dBm

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

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

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

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6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2]$ = 1.40dBi

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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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