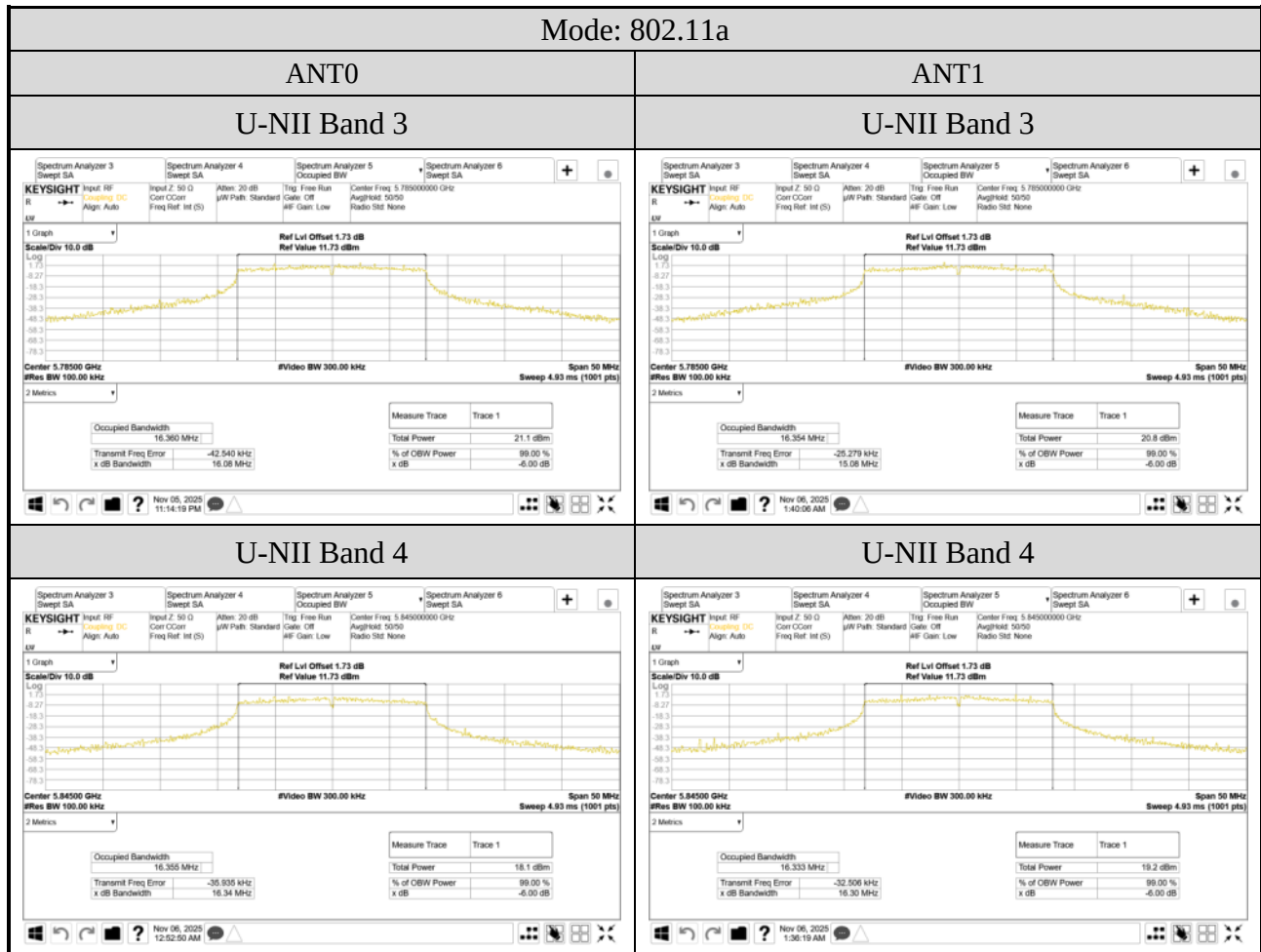


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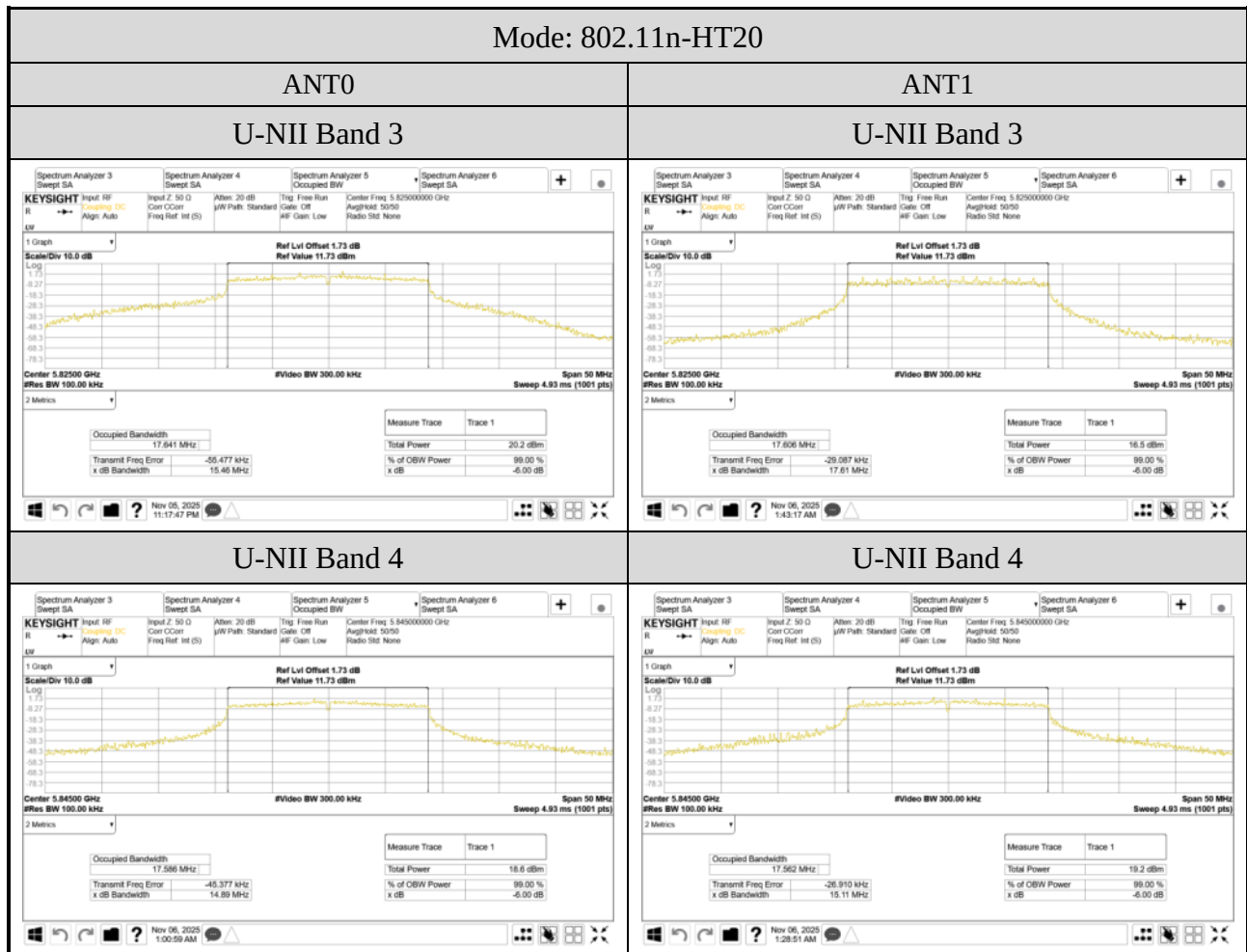
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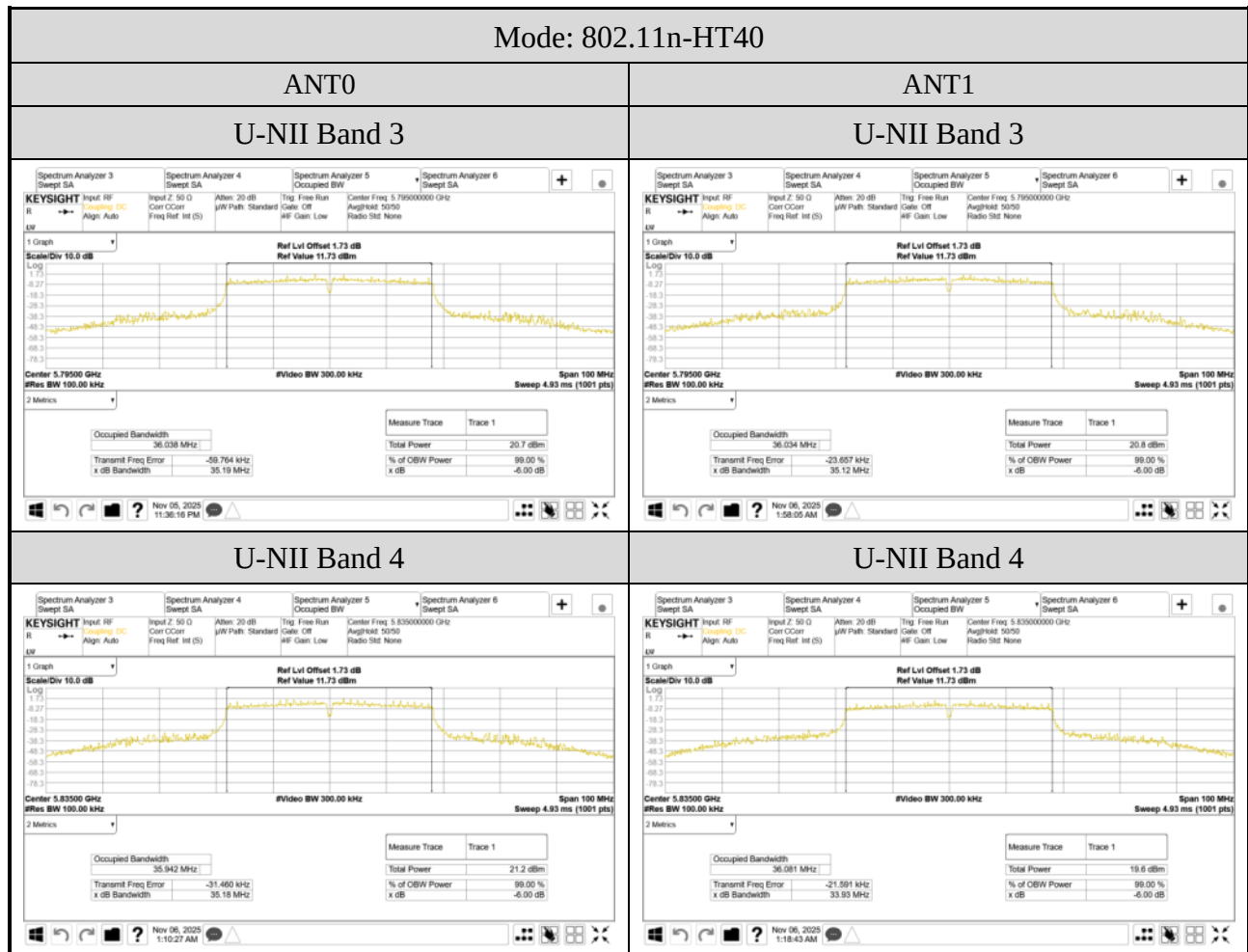
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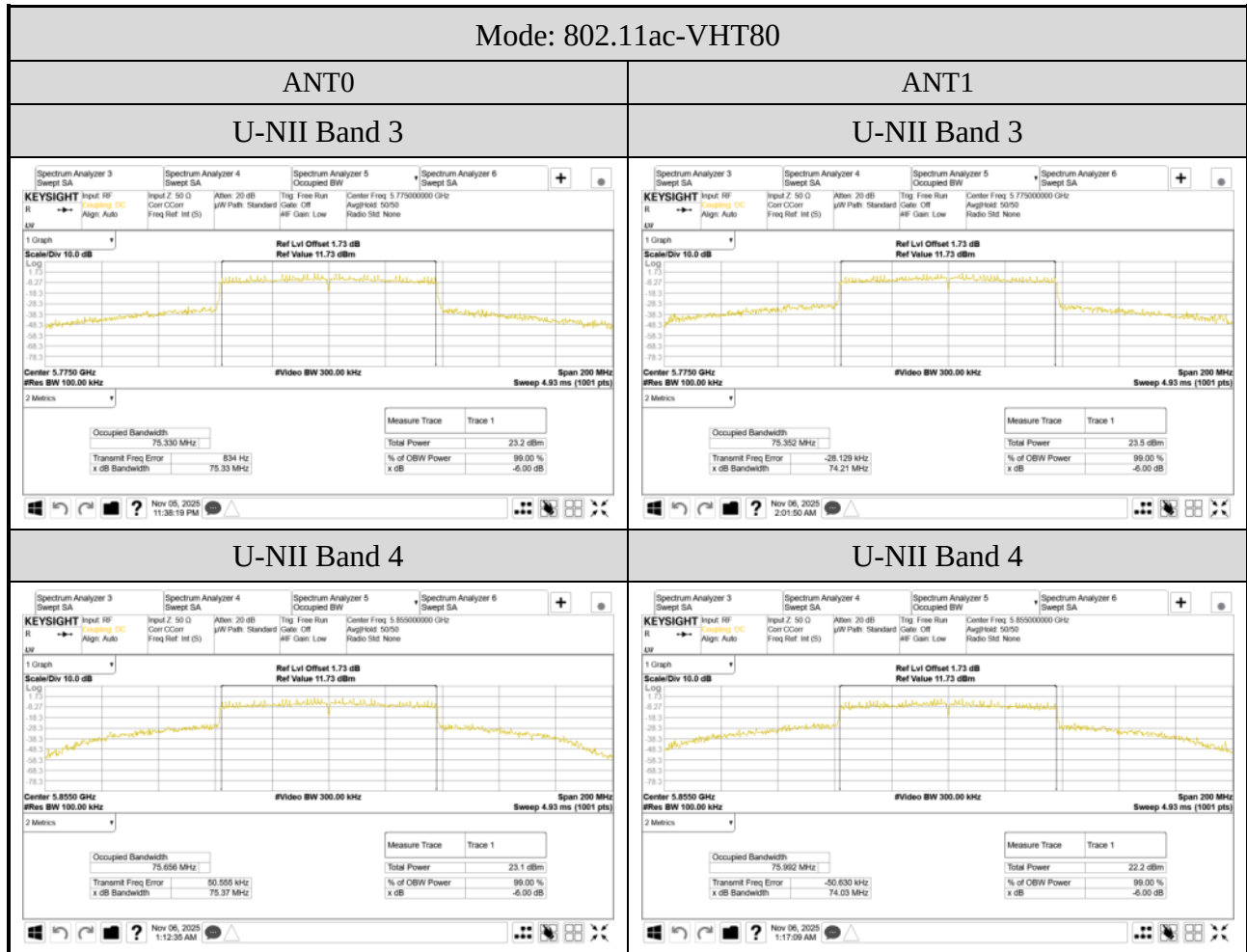
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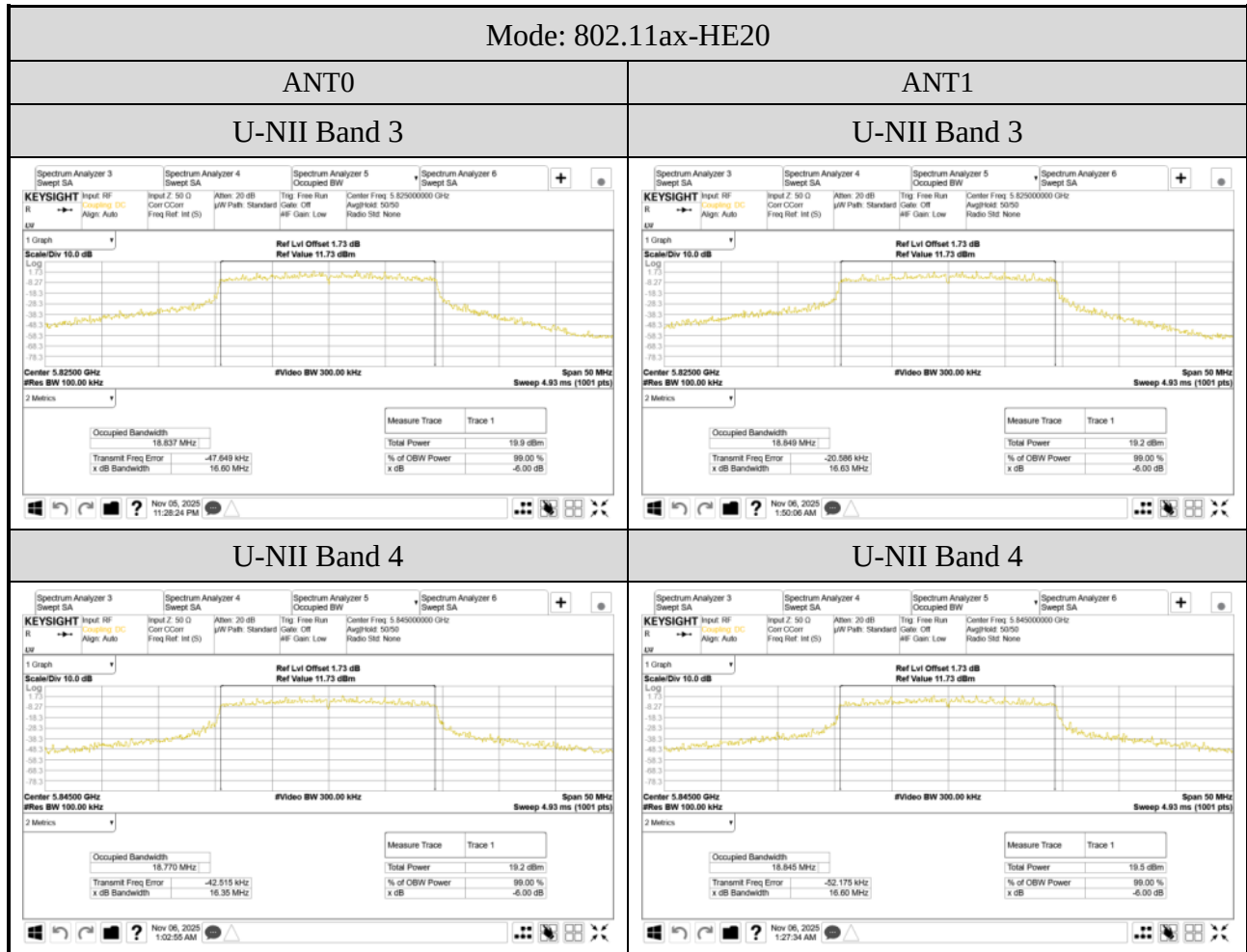
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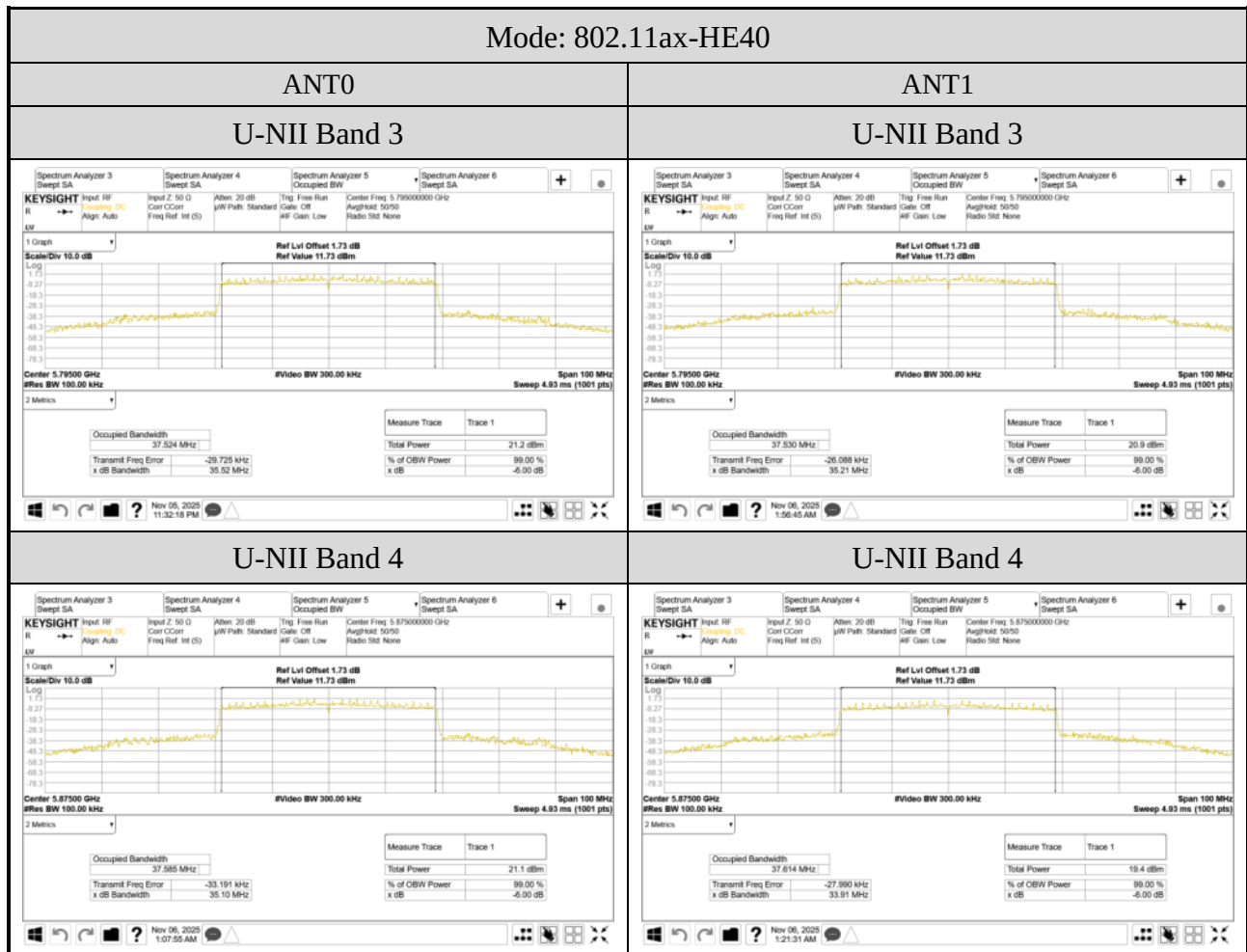
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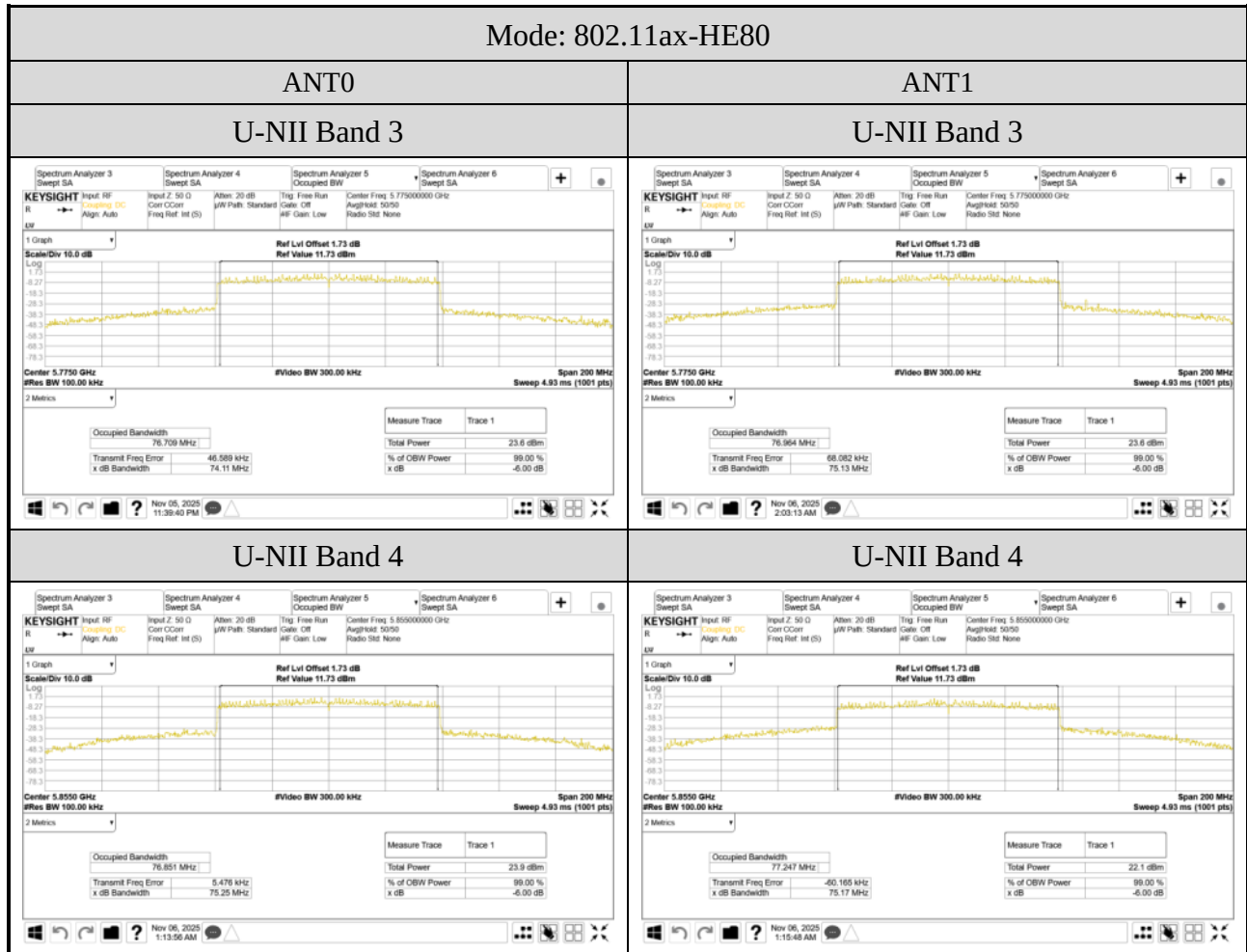
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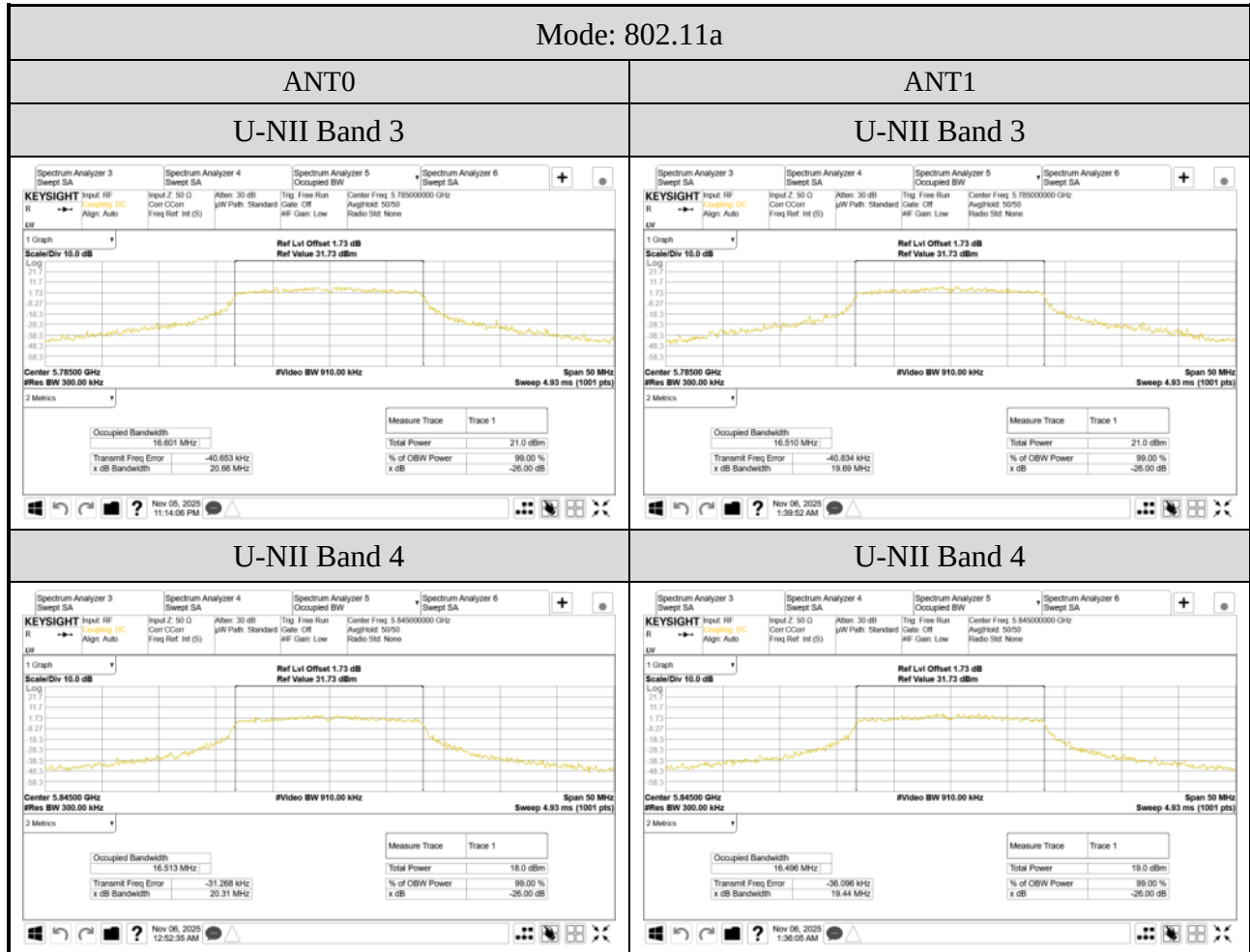
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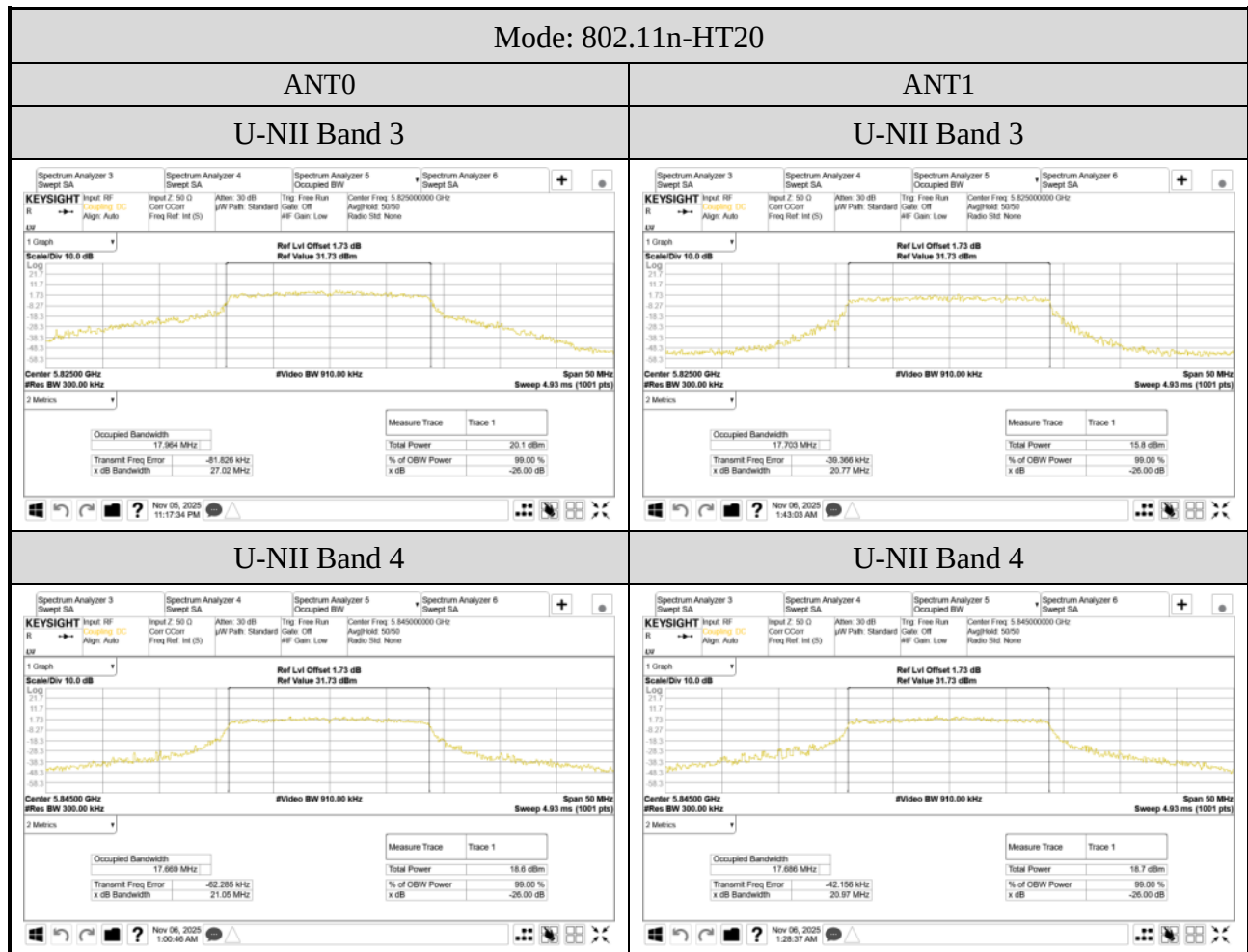


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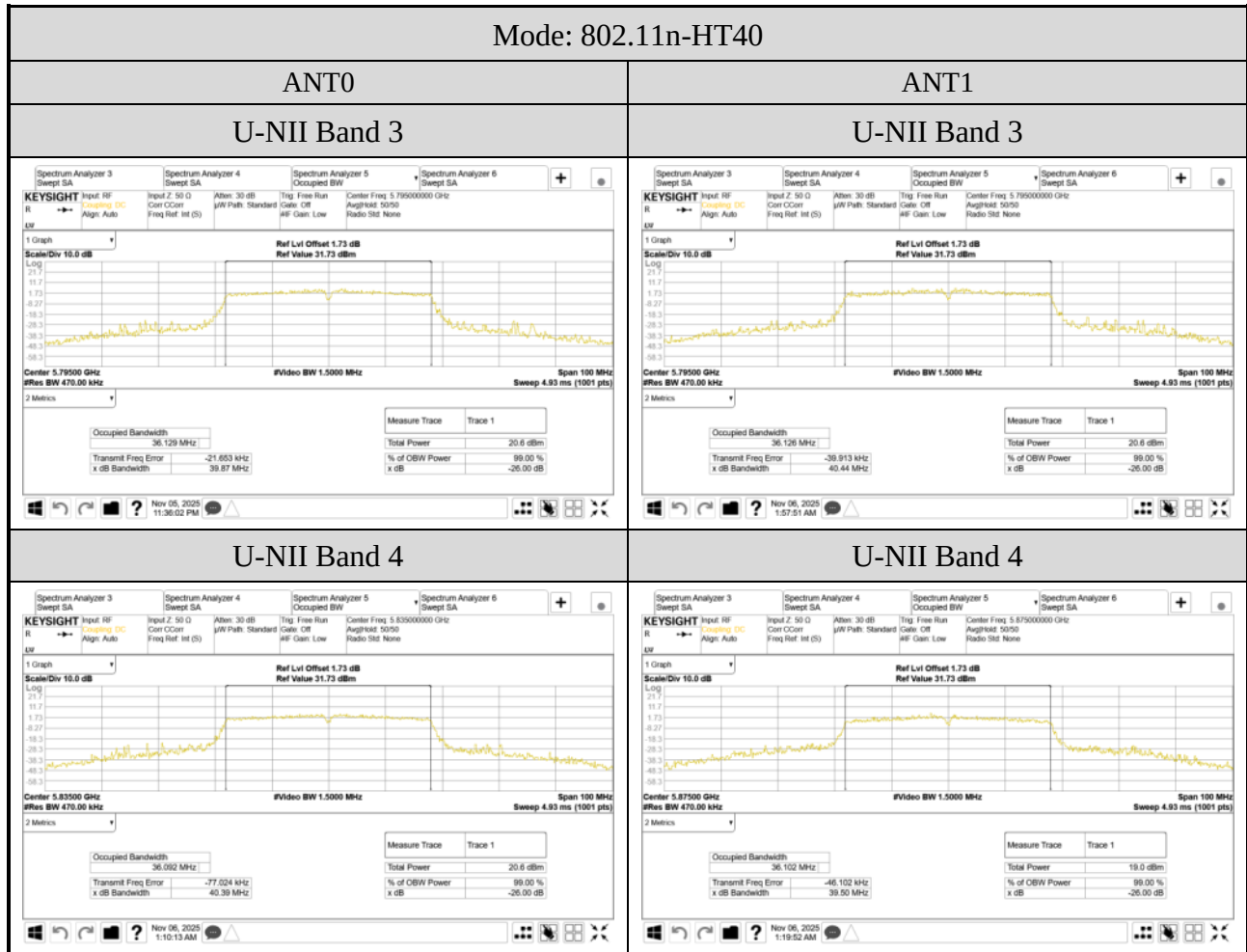
- For Occupied (99%) Bandwidth (U-NII Band 3/4)





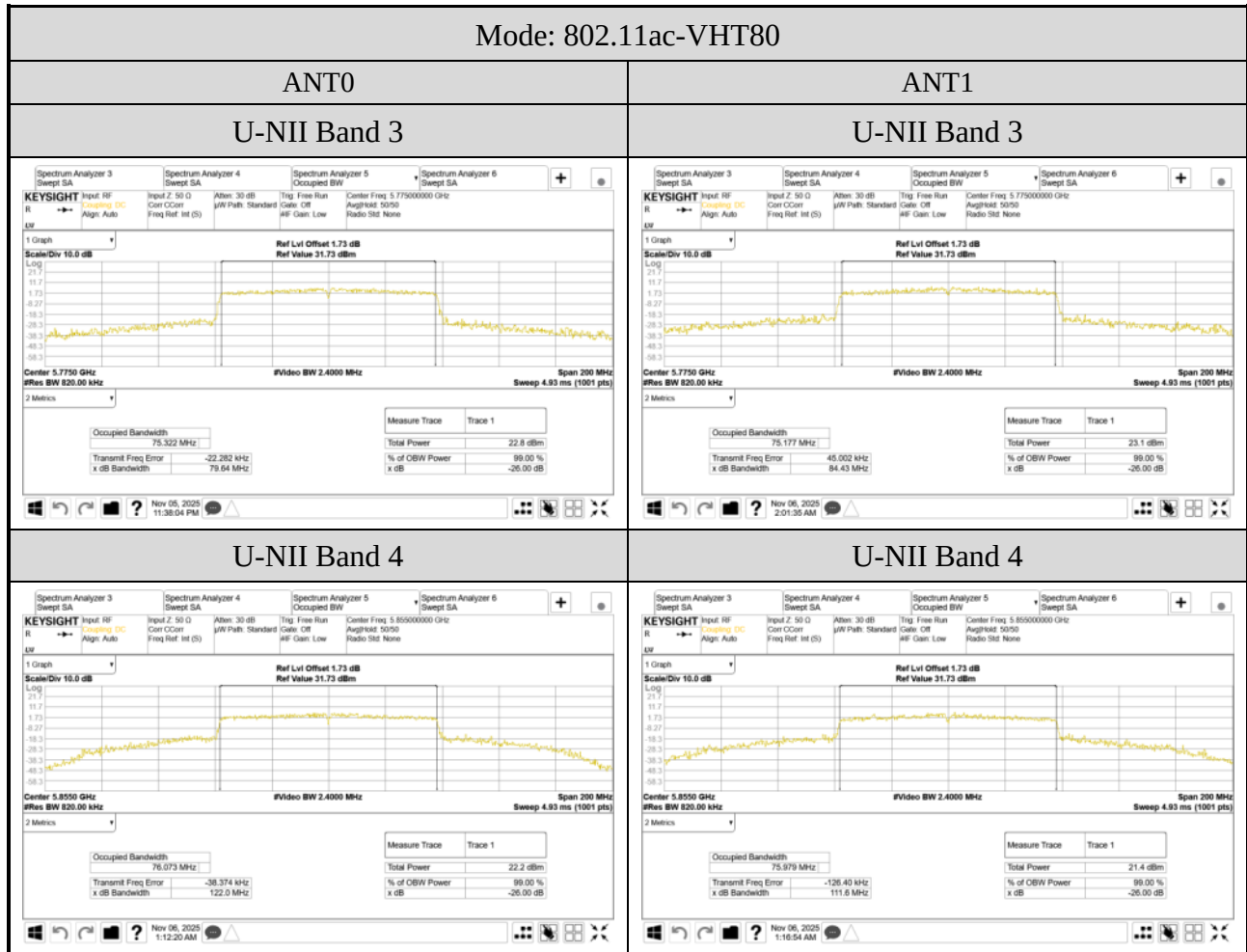
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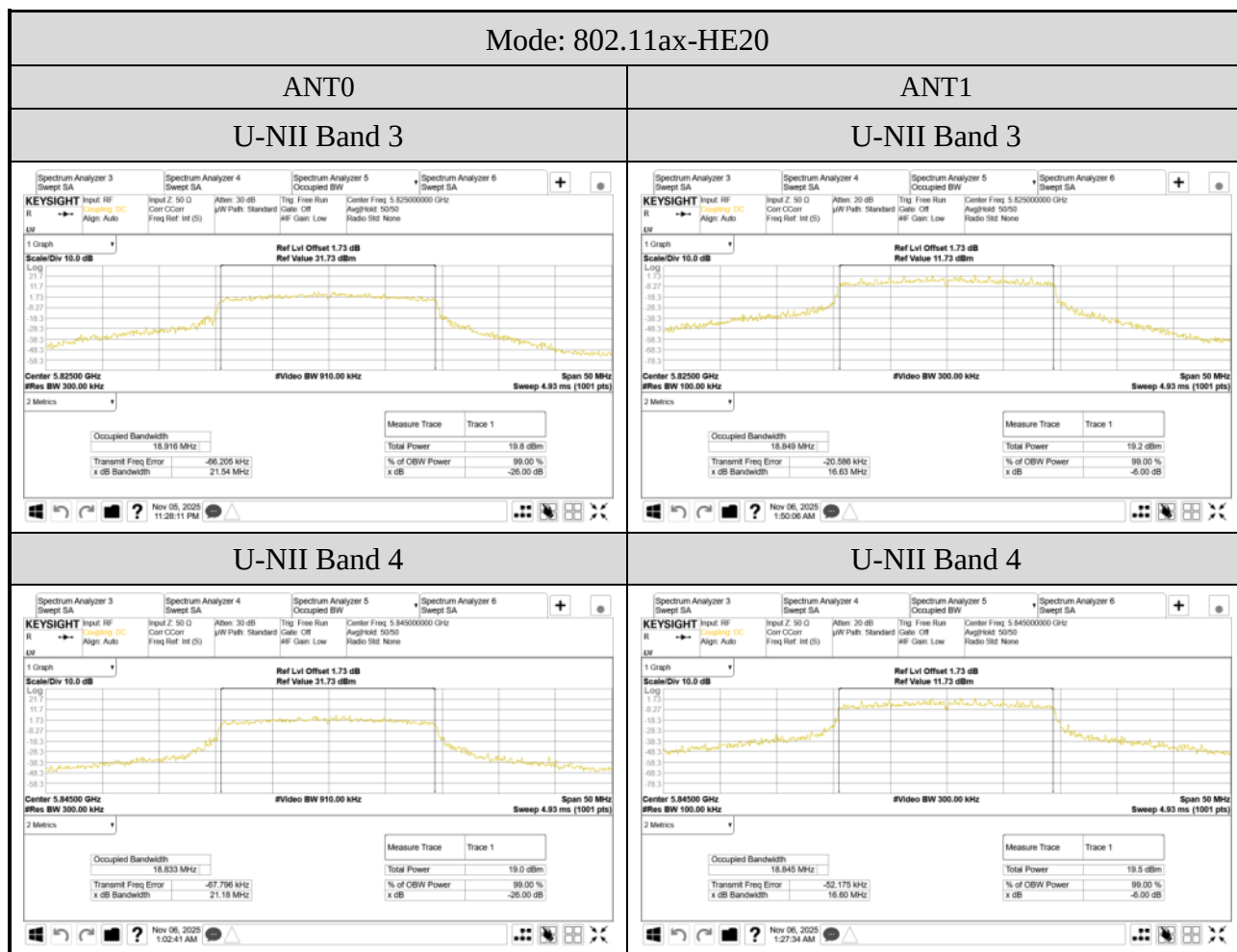
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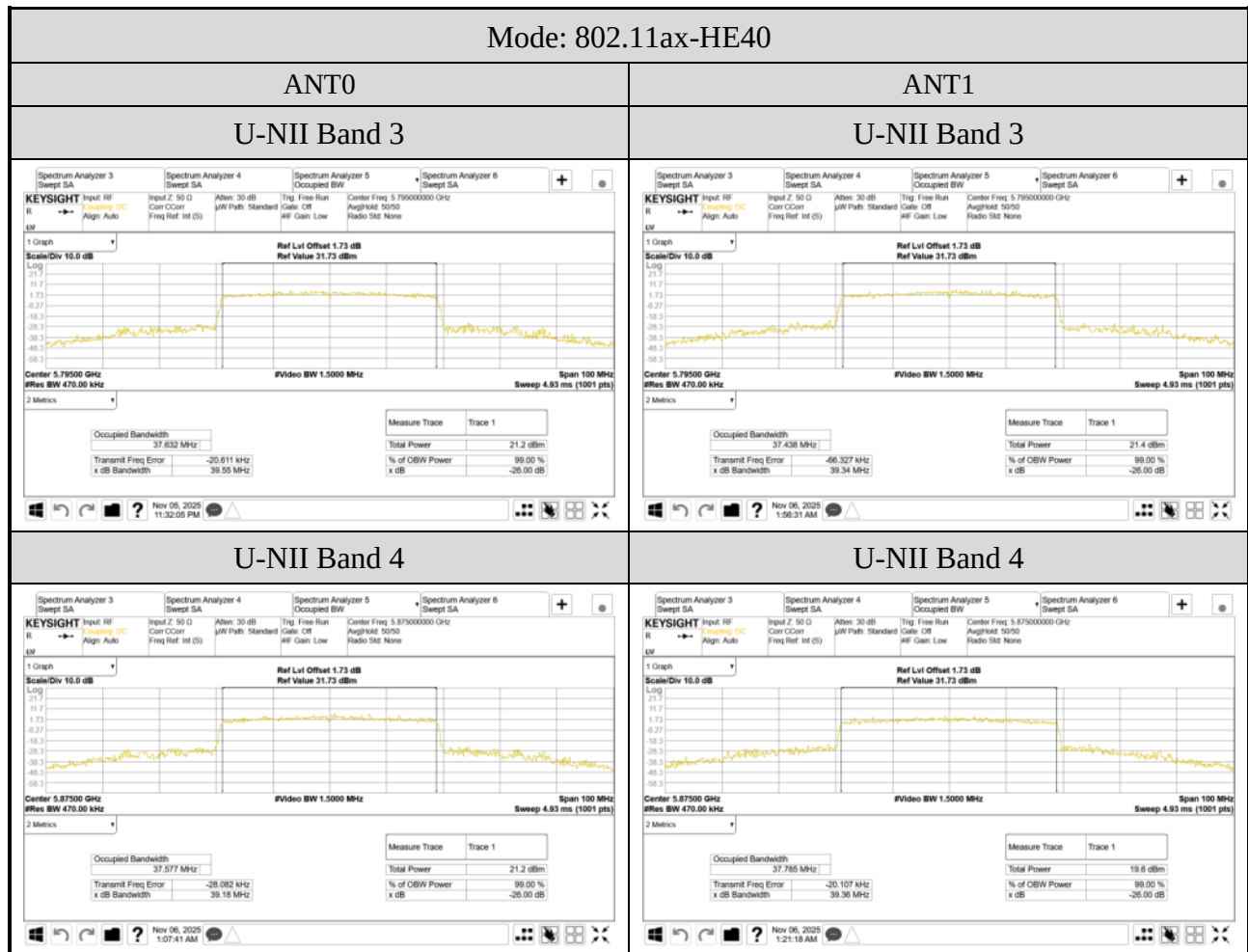


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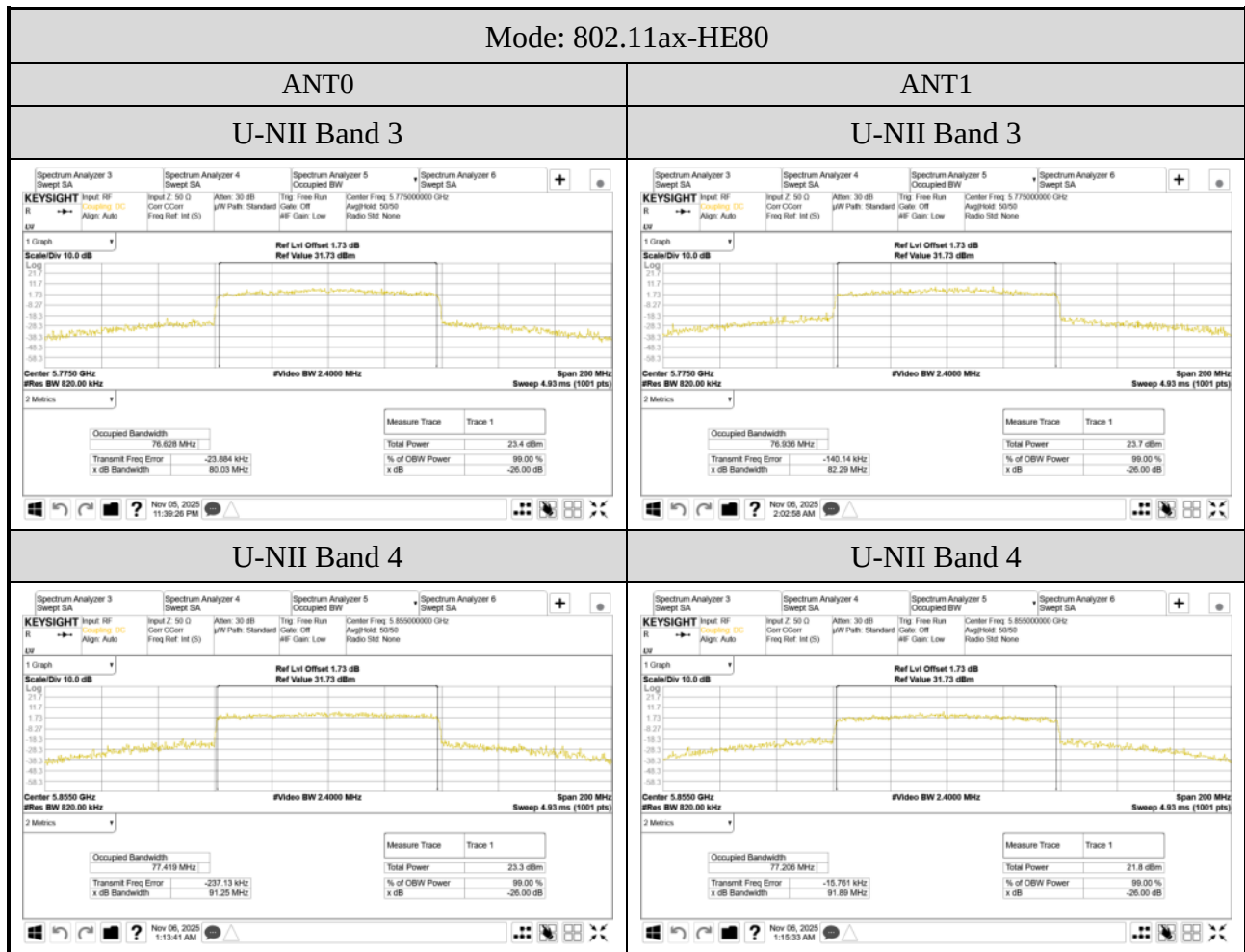






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A.4 POWER SPECTRAL DENSITY

Test Date	2025/11/05 ~ 11	Temp./Hum.	23°C/63 ~ 68%
Cable Loss	1.73dB	Tested By	Sean Wang
Test Voltage	DC 5V (Through jig via Notebook PC)		

A.4.1 Power Spectral Density Result

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Max. Power Spectral Density (dBm/1MHz) Note 3	Limit
			ANT0	ANT1			
802.11a	1	5180	4.454	5.250	0.878	6.128	11 dBm/MHz
		5200	4.166	5.022		5.900	
		5240	4.430	4.209		5.308	
	2A	5260	5.881	6.059		6.937	
		5300	6.057	6.440		7.318	
		5320	6.323	6.512		7.390	
	2C	5500	0.394	1.436		2.314	
		5580	1.657	-0.014		2.535	
		5700	0.055	0.882		1.760	
		5720	0.405	0.704		1.582	

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Max. Power Spectral Density (dBm/500kHz) Note 4	Limit
			ANT0	ANT1			
802.11a	3 ^{Note2}	5745	1.410	2.295	0.878	3.173	30dBm/500 kHz
		5785	3.198	2.142		4.076	
		5825	3.427	2.167		4.305	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. Max. Power Spectral Density (dBm/1MHz) = Max of each PSD (dBm/1MHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

5. We only presented max result (worst case) plots for each test mode.

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Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)		Max. Power Spectral Density (dBm/1MHz) Note 2	Limit
			ANT0	ANT1		ANT0	ANT1		
802.11a	4	5845	1.686	3.055	1.169	-2.94	-0.1	4.124	14dBm/MHz (E.I.R.P.)
		5865	1.739	2.328		-2.94	-0.1	3.397	
		5885	1.710	1.990		-2.89	0.37	3.529	

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

2. Max. Power Spectral Density (dBm/1MHz) (EIRP) = Max of each PSD (dBm/1MHz) (Ant1 or Ant2) + Antenna Gain (dBi) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. We only presented max result (worst case) plots for each test mode.

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Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/1MHz) ^{Note 3}	Limit
			ANT0	ANT1			
802.11n-HT20	1	5180	-1.366	-0.834	0.931	2.849	11 dBm/MHz
		5200	-1.160	-0.747		2.993	
		5240	-1.308	-2.072		2.268	
	2A	5260	2.129	2.022		6.017	
		5300	2.238	2.715		6.424	
		5320	2.306	2.481		6.336	
	2C	5500	1.638	2.355		5.953	
		5580	2.214	3.401		6.789	
		5700	1.255	0.026		4.625	
		5720	1.441	1.891		5.613	

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/500kHz) ^{Note 4}	Limit
			ANT0	ANT1			
802.11n-HT20	3 ^{Note2}	5745	1.309	0.761	0.931	4.985	30dBm/500 kHz
		5785	2.423	0.761		5.612	
		5825	1.074	0.529		4.751	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5. We only presented max result (worst case) plots for each test mode.

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Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm/1MHz) ^{Note 3}	Limit
			ANT0	ANT1				
802.11n-HT20	4	5845	2.285	2.049	1.244	-0.96	5.463	14dBm/MHz (E.I.R.P.)
		5865	1.420	2.033		-0.96	5.032	
		5885	1.362	1.381		-0.96	4.666	

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

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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

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

$$\text{Directional gain} = 10 \log[(10^{-2.89/10} + 10^{0.37/10})/2] = -0.96 \text{ dBi}$$

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

4. We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/1MHz) ^{Note 3}	Limit
			ANT0	ANT1			
802.11n-HT40	1	5190	-2.577	-3.623	1.707	1.649	11 dBm/MHz
		5230	-2.467	-3.336		1.837	
	2A	5270	-1.436	-1.996		3.010	
		5310	-1.648	-1.126		3.338	
	2C	5510	-2.976	-2.342		2.070	
		5550	-2.206	-1.818		2.710	
		5670	-2.916	-2.583		1.971	
		5710	-3.060	-3.514		1.436	

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/500kHz) ^{Note 4}	Limit
			ANT0	ANT1			
802.11n-HT40	3 ^{Note2}	5755	-2.631	-2.854	1.707	1.976	30dBm/500 kHz
		5795	-1.972	-2.164		2.650	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5. We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm/1MHz) ^{Note 2}	Limit
			ANT0	ANT1				
802.11n-HT40	4	5835	-0.477	-1.132	2.161	-0.96	3.419	14dBm/MHz (E.I.R.P.)
		5875	-1.189	-1.834		-0.96	2.712	

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

2. According to KDB 662911 D01 E)2a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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

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

$$\text{Directional gain} = 10 \log[(10^{-2.89/10} + 10^{0.37/10})/2] = -0.96 \text{ dBi}$$

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

4. We only presented max result (worst case) plots for each test mode.

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Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/1MHz) ^{Note 3}	Limit
			ANT0	ANT1			
802.11ac-VHT80	1	5210	-8.518	-10.272	2.495	-3.802	11 dBm/MHz
	2A	5290	-4.142	-3.529		1.681	
	2C	5530	-5.777	-6.021		-0.392	
		5610	-4.828	-5.203		0.494	
		5690	-6.063	-5.764		-0.406	

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/500kHz) ^{Note 4}	Limit
			ANT0	ANT1			
802.11ac-VHT80	3 ^{Note2}	5775	-4.348	-5.490	2.495	0.624	30dBm/500 kHz

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5 We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm/1MHz) ^{Note 2}	Limit
			ANT0	ANT1				
802.11ac-VHT80	4	5855	-3.776	-4.695	5.031	-0.96	2.870	14dBm/MHz (E.I.R.P.)

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

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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

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

Directional gain = $10 \log[(10^{-2.89/10} + 10^{0.37/10})/2]$ = -0.96dBi

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

4. We only presented max result (worst case) plots for each test mode.

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Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/1MHz) ^{Note 3}	Limit
			ANT0	ANT1			
802.11ax-HE20	1	5180	-2.991	-2.586	1.925	2.152	11 dBm/MHz
		5200	-3.151	-2.178		2.298	
		5240	-3.181	-2.332		2.200	
	2A	5260	0.000	0.219		5.046	
		5300	0.088	0.747		5.365	
		5320	-0.890	0.743		4.938	
	2C	5500	-2.451	-0.735		3.427	
		5580	-2.201	-0.984		3.385	
		5700	0.081	-2.245		4.007	
		5720	0.335	-1.993		4.260	

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/500kHz) ^{Note 4}	Limit
			ANT0	ANT1			
802.11ax-HE20	3 ^{Note2}	5745	0.490	0.199	1.925	5.282	30dBm/500 kHz
		5785	0.169	-0.514		4.776	
		5825	-0.891	-0.509		4.239	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5 We only presented max result (worst case) plots for each test mode.

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Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm/1MHz) ^{Note 2}	Limit
			ANT0	ANT1				
802.11ax-HE20	4	5845	1.087	0.924	2.449	-0.96	5.506	14dBm/MHz (E.I.R.P.)
		5865	1.110	1.200		-0.96	5.655	
		5885	1.408	0.278		-0.96	5.379	

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

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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

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

$$\text{Directional gain} = 10 \log[(10^{-2.89/10} + 10^{0.37/10})/2] = -0.96 \text{ dBi}$$

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

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/1MHz) Note 3	Limit
			ANT0	ANT1			
802.11ax-HE40	1	5190	-3.874	-4.028	2.976	2.036	11 dBm/MHz
		5230	-4.256	-4.923		1.410	
	2A	5270	-2.302	-2.576		3.549	
		5310	-1.849	-1.842		4.141	
	2C	5510	-5.665	-4.792		0.780	
		5550	-4.896	-4.271		1.414	
		5670	-2.960	-5.174		2.059	
		5710	-3.325	-4.874		1.955	

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/500kHz) Note 4	Limit
			ANT0	ANT1			
802.11ax-HE40	3 ^{Note2}	5755	-2.950	-3.470	2.976	2.784	30dBm/500 kHz
		5795	-2.337	-3.888		2.943	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5 We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm/1MHz) ^{Note 2}	Limit
			ANT0	ANT1				
802.11ax-HE40	4	5835	-0.901	-2.057	3.585	-0.96	4.195	14dBm/MHz (E.I.R.P.)
		5875	-1.139	-1.656		-0.96	4.245	

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

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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

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

$$\text{Directional gain} = 10 \log[(10^{-2.89/10} + 10^{0.37/10})/2] = -0.96 \text{ dBi}$$

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

4. We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/1MHz) Note 3	Limit
			ANT0	ANT1			
802.11ax-HE80	1	5210	-7.986	-9.663	2.464	-3.270	11 dBm/MHz
	2A	5290	-7.389	-10.179		-3.089	
	2C	5530	-9.343	-11.195		-4.697	
		5610	-8.207	-9.507		-3.334	
		5690	-9.254	-9.591		-3.945	

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm/500kHz) Note 4	Limit
			ANT0	ANT1			
802.11ax-HE80	3 ^{Note2}	5775	-3.968	-4.497	2.464	1.250	30dBm/500 kHz

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5 We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm/1MHz) ^{Note 2}	Limit
			ANT0	ANT1				
802.11ax-HE80	4	5855	-3.861	-4.105	4.989	-0.04	3.978	14dBm/MHz (E.I.R.P.)

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

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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

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

Directional gain = $10 \log[(10^{-2.89/10} + 10^{0.37/10})/2] = -0.96$ dBi

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

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Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm) Note 3	Limit
				ANT0	ANT1			
802.11ax-HE40	1	5190	26/0	-3.687	-2.708	2.716	2.556	11 dBm/MHz
			52/37	-4.268	-3.477	2.899	2.055	
			106/53	-4.139	-3.842	3.089	2.111	
	2A	5310	26/17	0.614	0.044	2.716	6.065	
			52/44	0.175	0.315	2.899	6.155	
			106/56	-0.613	-1.038	3.089	5.279	
	2C	5510	26/0	0.376	2.416	2.716	7.241	
			52/37	1.616	-0.506	2.899	6.593	
			106/53	-0.882	-0.532	3.089	5.396	
		5670	26/17	-2.665	0.307	2.716	4.797	
			52/44	-3.015	-1.097	2.899	3.958	
			106/56	-4.190	-2.291	3.089	2.962	

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm) Note 4	Limit
				ANT0	ANT1			
802.11ax-HE40	3 ^{Note2}	5755	26/0	1.300	2.894	2.716	7.896	30dBm/ 500 kHz
			52/37	-1.116	0.540	2.899	5.700	
			106/53	-2.397	-1.946	3.089	3.934	
		5795	26/8	0.826	1.688	2.716	7.005	
			52/40	-2.090	-2.304	2.899	3.714	
			106/54	-3.783	-3.769	3.089	2.323	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5 We only presented max result (worst case) plots for each test mode.

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Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm/1MHz) ^{Note 2}	Limit
				ANT0	ANT1				
802.11ax-HE40	4	5835	26/0	1.992	2.846	3.288	-0.96	7.78	14dBm/MHz (E.I.R.P.)
			52/37	2.061	0.865	3.575	-0.96	7.13	
			106/53	1.835	1.504	3.872	-0.96	7.59	
		5875	26/17	0.520	0.610	3.288	-0.96	5.90	
			52/44	0.982	0.890	3.575	-0.96	6.56	
			106/56	-0.934	-1.001	3.872	-0.96	4.95	

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

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm) ^{Note 3}	Limit
				ANT0	ANT1			
802.11ax-HE40	1	5190	242/61	-6.148	-5.021	3.410	0.872	11 dBm/MHz
	2A	5310	242/62	-3.615	-0.405		4.700	
	2C	5510	242/61	-4.944	-3.050		2.526	
		5670	242/62	-5.797	-2.962		2.268	

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm) ^{Note 4}	Limit
				ANT0	ANT1			
802.11ax-HE40	3 ^{Note2}	5755	242/61	-5.511	-4.655	3.410	1.358	30dBm/500 kHz
		5795	242/62	-5.358	-3.026		2.383	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5 We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm) ^{Note 3}	Limit
				ANT0	ANT1				
802.11ax-HE40	4	5835	242/61	-0.165	0.753	4.330	-0.96	6.70	14dBm/MHz (E.I.R.P.)
		5875	242/62	-0.984	0.924	4.330	-0.96	6.45	

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

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm) Note 3	Limit
				ANT0	ANT1			
802.11ax-HE80	1	5210	484/65	-7.767	-5.633	3.716	0.156	11 dBm/MHz
	2A	5290	484/66	-5.631	-5.005		1.420	
	2C	5530	484/65	-8.131	-6.787		-0.681	
		5610	484/66	-7.371	-5.711		0.264	

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/500kHz)		Duty Cycle Factor 10log(1/X)	Total Power Spectral Density (dBm) Note 4	Limit
				ANT0	ANT1			
802.11ax-HE80	3 ^{Note2}	5775	484/65	-9.214	-7.680	3.716	-1.653	30dBm/500 kHz
		5775	484/66	-8.931	-7.659		-1.522	

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

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

For UNII Band 3, Ref Offset of measured plot: Cable Loss (dB) + BWCF (dB)= 1dB+7dB=8dB

3. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) = Sum to individual PSD (dBm/1MHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

4. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/500kHz) = Sum to individual PSD (dBm/500kHz) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

5 We only presented max result (worst case) plots for each test mode.

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm/1MHz)		Duty Cycle Factor 10log(1/X)	Directional Gain (dBi) ^{Note 3}	Total Power Spectral Density (dBm) ^{Note 3}	Limit
				ANT0	ANT1				
802.11ax-HE80	4	5855	484/65	-4.106	-2.940	4.191	-0.96	2.76	14dBm/MHz (E.I.R.P.)
			484/66	-3.480	-1.754	4.191	-0.96	3.71	

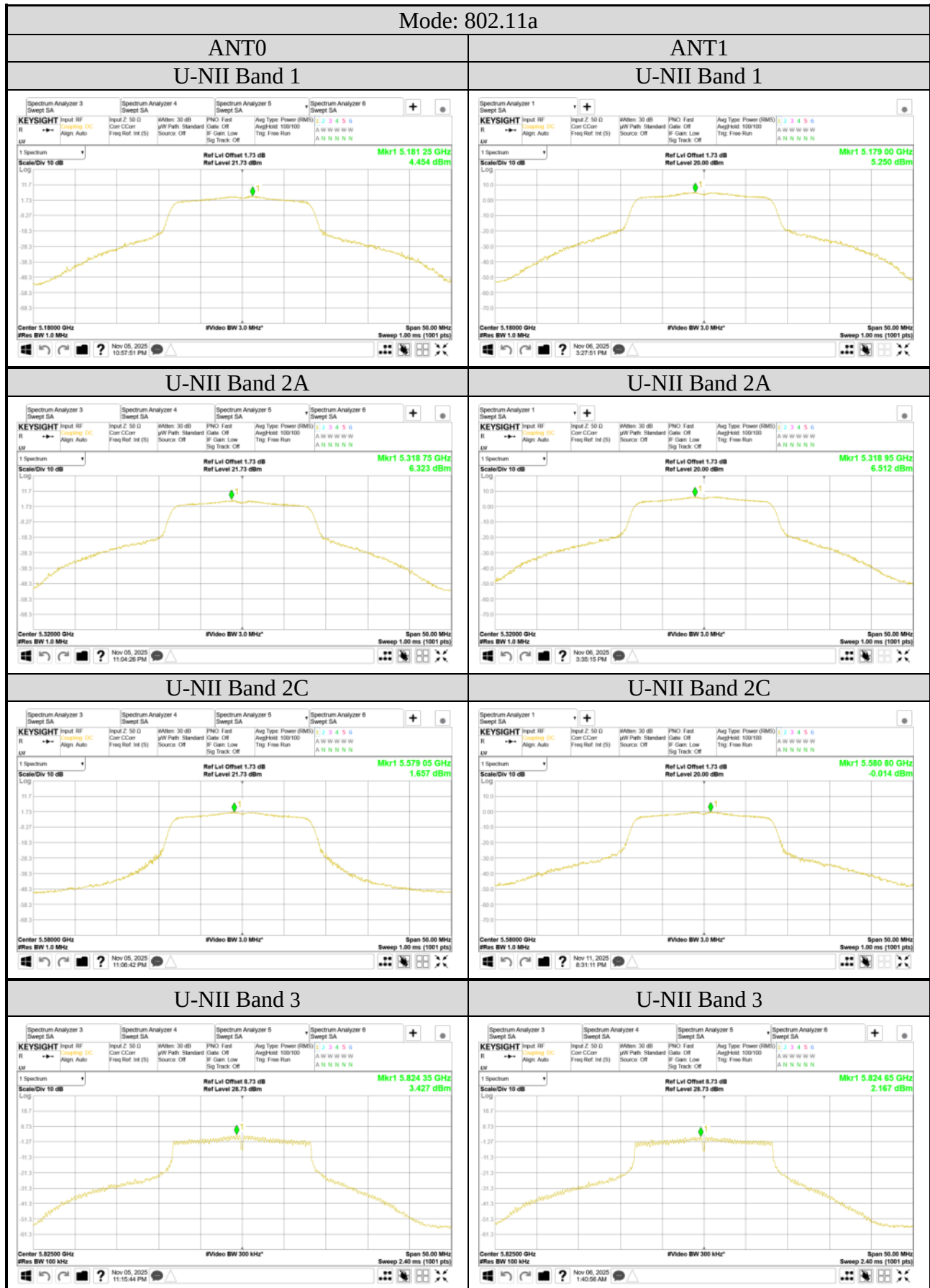
Note :1. All results have been included cable loss.

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm/1MHz) (EIRP)= Sum to individual PSD (dBm/1MHz) + Directional Gain (dBi) + Duty Cycle Factor (dB) when duty cycle is less than 98%.

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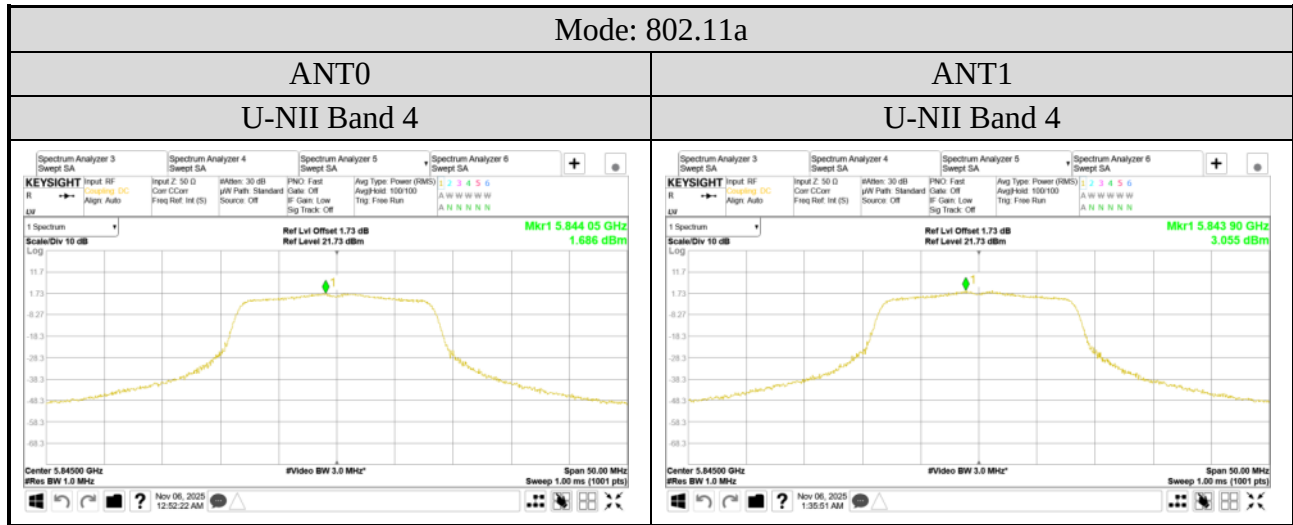
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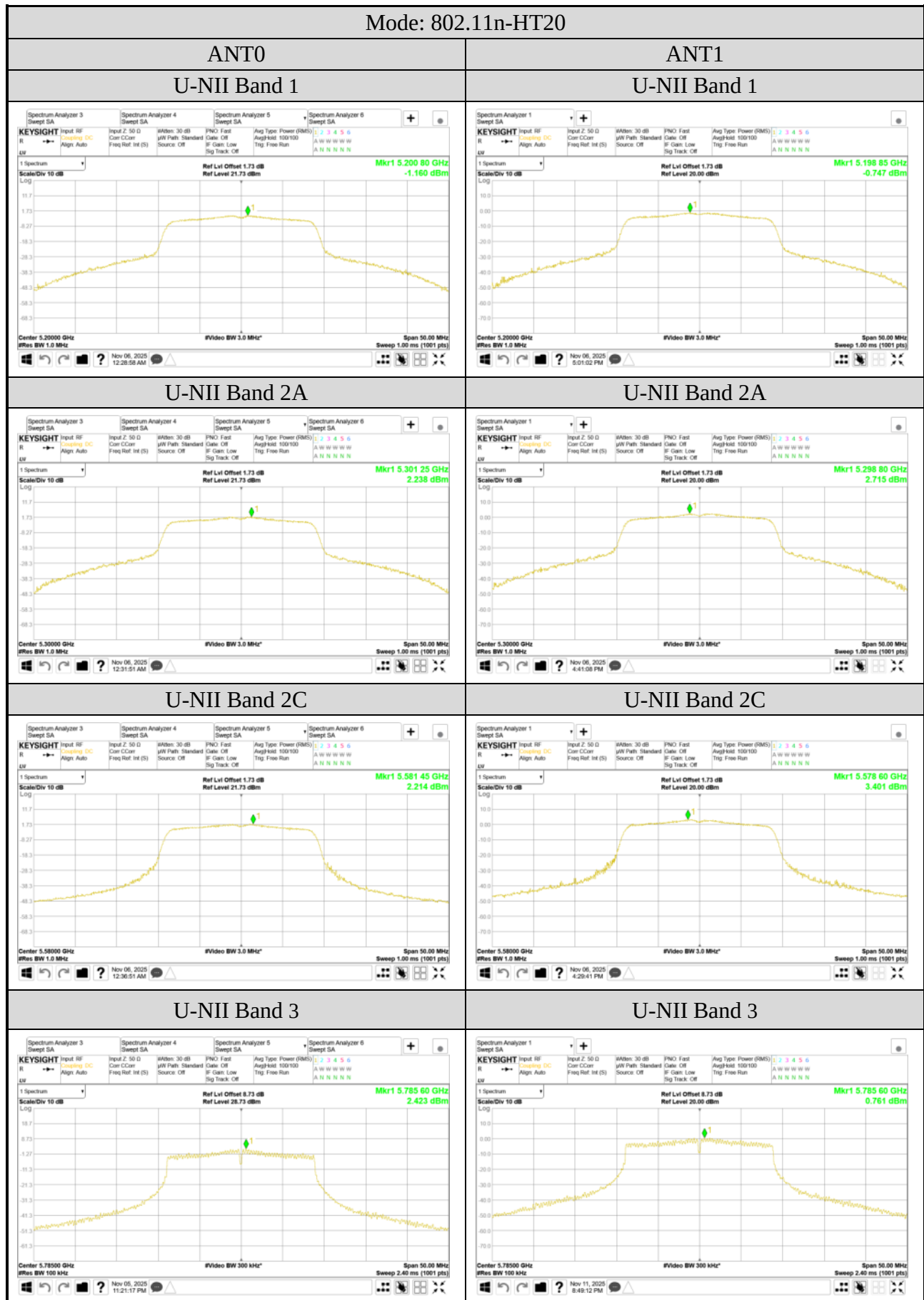
A.4.2 Measurement Plots



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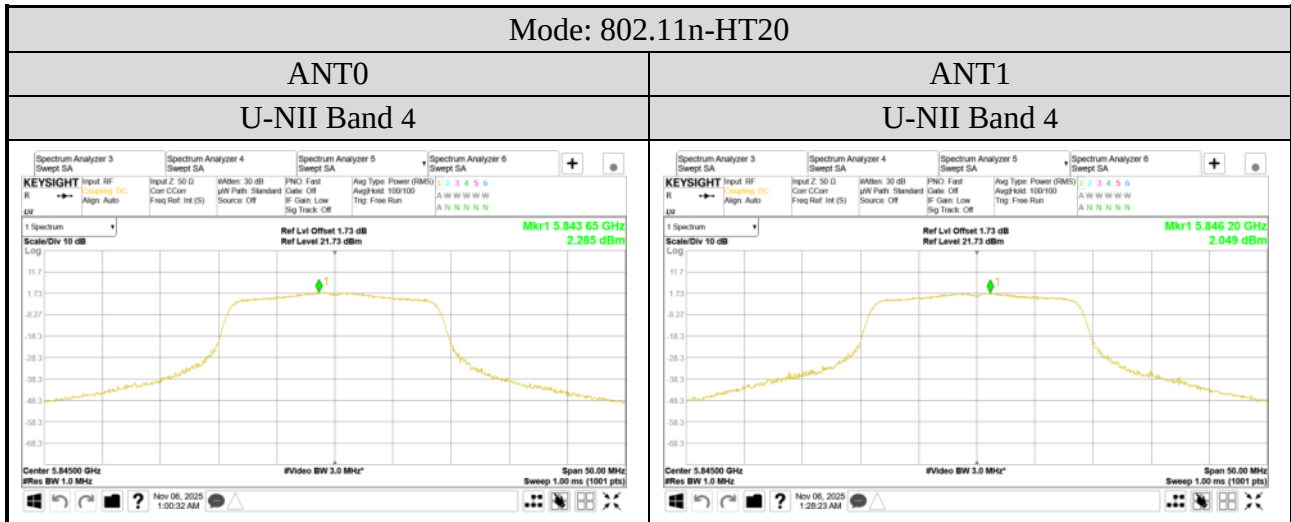
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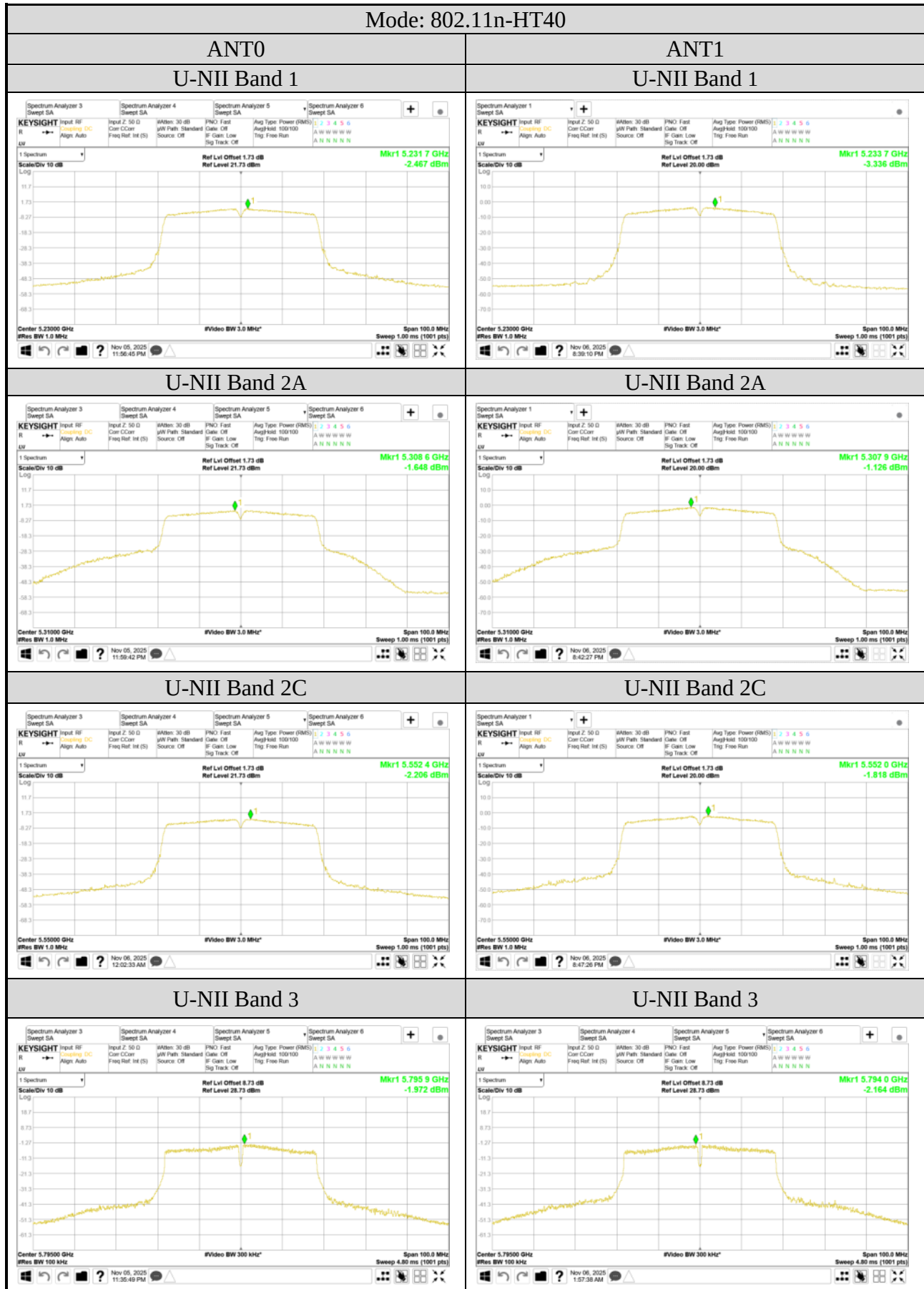




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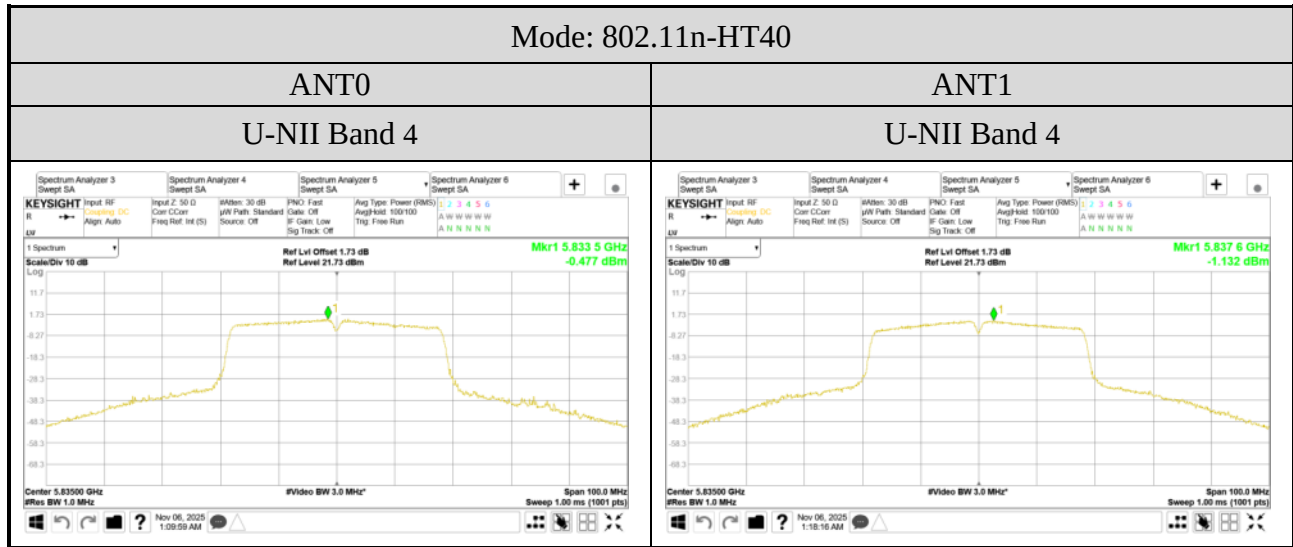
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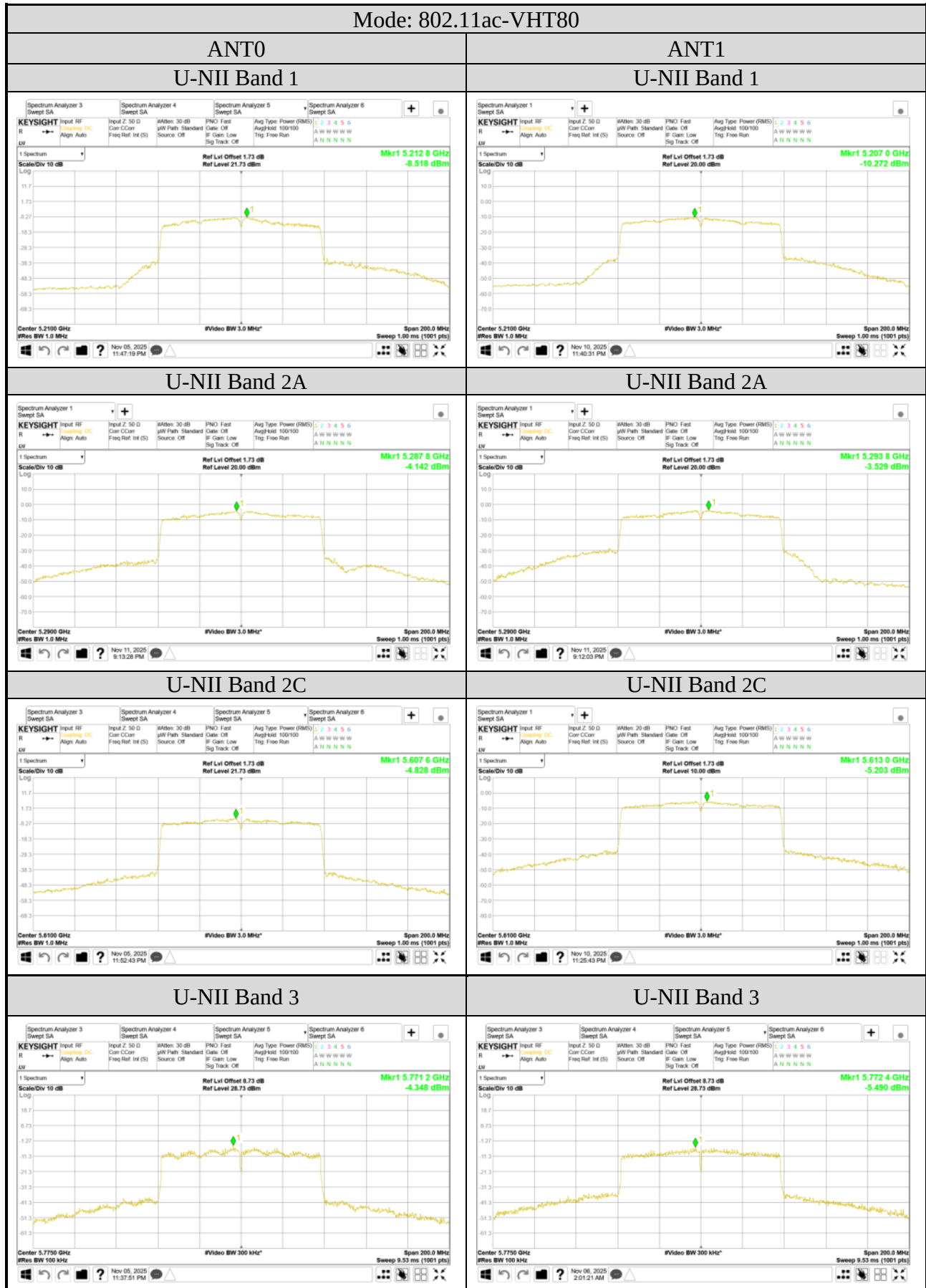




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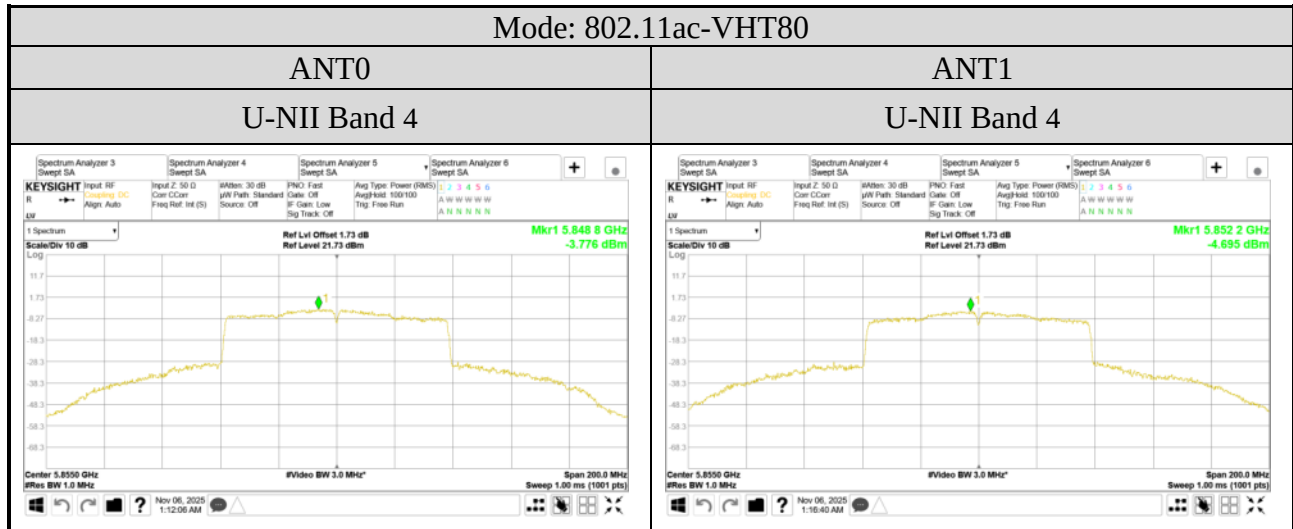
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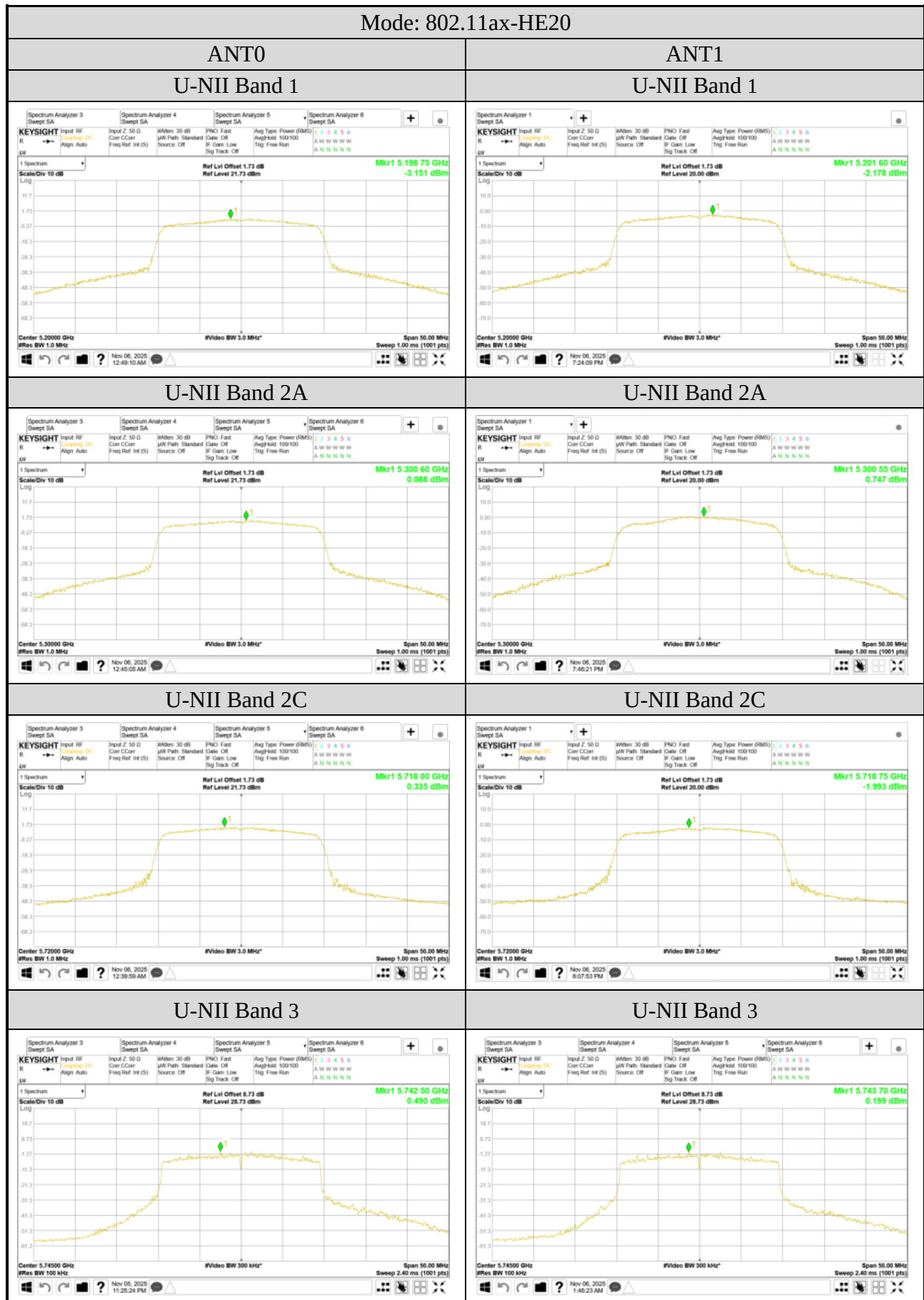
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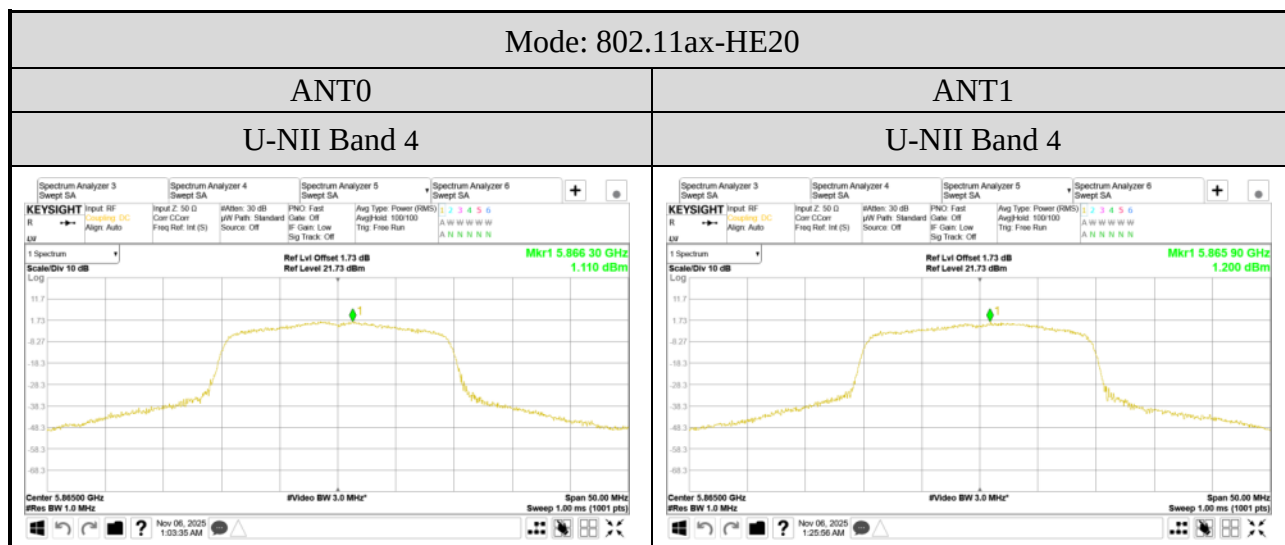
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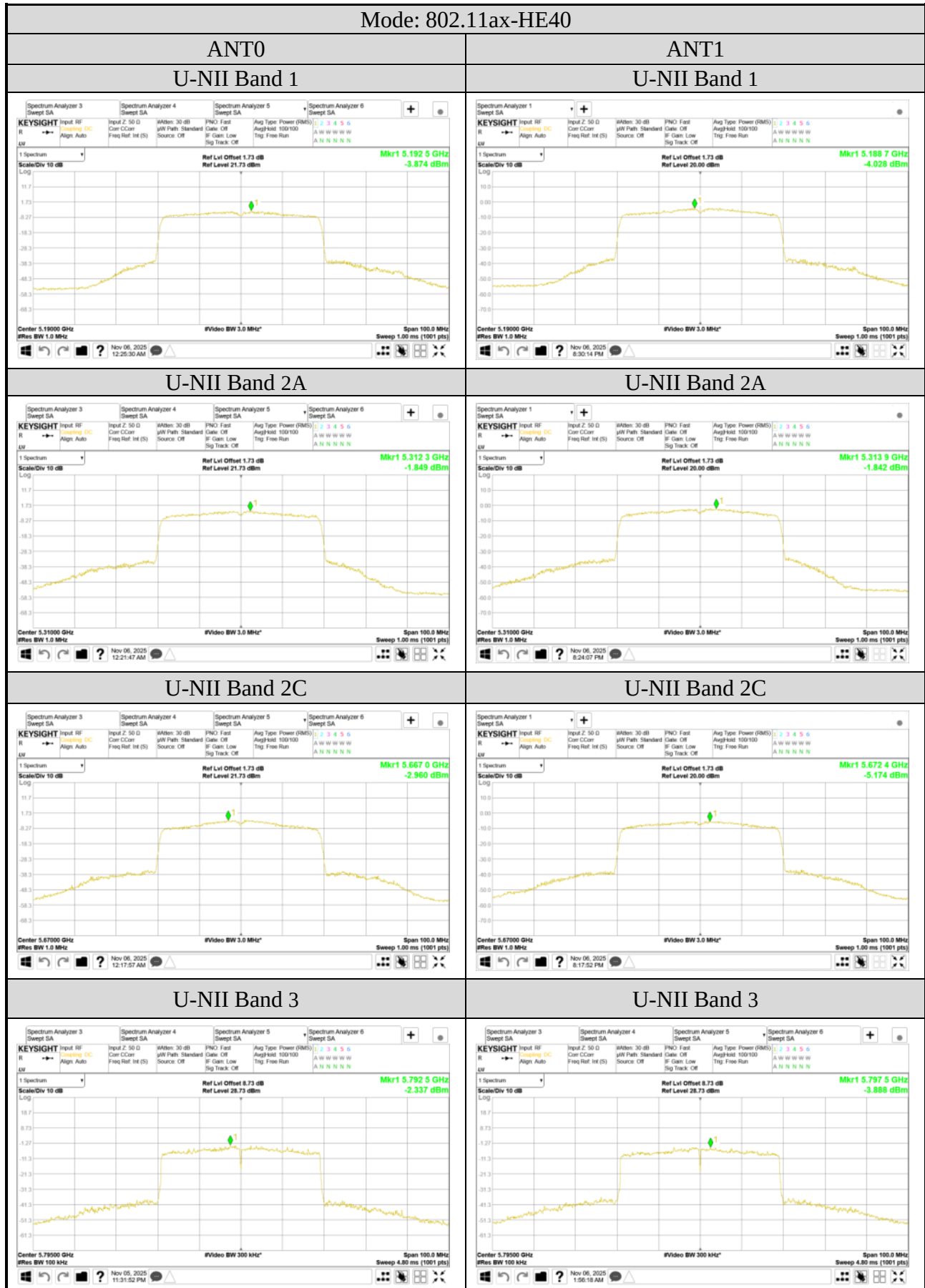


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