



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU26	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU26	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU26	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBUV/m) </			



Unwanted Emissions (Above 1GHz) for ax HE20 RU52

Modulation	ax HE20 RU52	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU52	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU52	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU52	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Emissions (Above 1GHz) for ax HE20 RU106

Modulation	ax HE20 RU106	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2437																																																																						
Polarization	Vertical																																																																								
Test By :Sean Yu Temperature(°C):26 Humidity(%):62																																																																									
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4874.00</td><td>36.47</td><td>54.00</td><td>-17.53</td><td>36.72</td><td>-0.25</td><td>Average</td><td>100</td><td>8</td></tr><tr><td>2</td><td>4874.00</td><td>48.39</td><td>74.00</td><td>-25.61</td><td>48.64</td><td>-0.25</td><td>Peak</td><td>100</td><td>8</td></tr><tr><td>3</td><td>7311.00</td><td>37.62</td><td>54.00</td><td>-16.38</td><td>32.16</td><td>5.46</td><td>Average</td><td>100</td><td>177</td></tr><tr><td>4</td><td>7311.00</td><td>51.08</td><td>74.00</td><td>-22.92</td><td>45.62</td><td>5.46</td><td>Peak</td><td>100</td><td>177</td></tr><tr><td>5</td><td>12185.00</td><td>42.22</td><td>54.00</td><td>-11.78</td><td>35.62</td><td>6.60</td><td>Average</td><td>100</td><td>218</td></tr><tr><td>6</td><td>12185.00</td><td>56.28</td><td>74.00</td><td>-17.72</td><td>49.68</td><td>6.60</td><td>Peak</td><td>100</td><td>218</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4874.00	36.47	54.00	-17.53	36.72	-0.25	Average	100	8	2	4874.00	48.39	74.00	-25.61	48.64	-0.25	Peak	100	8	3	7311.00	37.62	54.00	-16.38	32.16	5.46	Average	100	177	4	7311.00	51.08	74.00	-22.92	45.62	5.46	Peak	100	177	5	12185.00	42.22	54.00	-11.78	35.62	6.60	Average	100	218	6	12185.00	56.28	74.00	-17.72	49.68	6.60	Peak	100	218
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	4874.00	36.47	54.00	-17.53	36.72	-0.25	Average	100	8																																																																
2	4874.00	48.39	74.00	-25.61	48.64	-0.25	Peak	100	8																																																																
3	7311.00	37.62	54.00	-16.38	32.16	5.46	Average	100	177																																																																
4	7311.00	51.08	74.00	-22.92	45.62	5.46	Peak	100	177																																																																
5	12185.00	42.22	54.00	-11.78	35.62	6.60	Average	100	218																																																																
6	12185.00	56.28	74.00	-17.72	49.68	6.60	Peak	100	218																																																																
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																									



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Emissions (Above 1GHz) for ax HE40 RU242

Modulation	ax HE40 RU242	Test Freq. (MHz)	2422																																																																						
Polarization	Horizontal																																																																								
Test By :Sean Yu Temperature(°C):26 Humidity(%):62																																																																									
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4844.00</td><td>31.77</td><td>54.00</td><td>-22.23</td><td>32.03</td><td>-0.26</td><td>Average</td><td>100</td><td>178</td></tr><tr><td>2</td><td>4844.00</td><td>44.90</td><td>74.00</td><td>-29.10</td><td>45.16</td><td>-0.26</td><td>Peak</td><td>100</td><td>178</td></tr><tr><td>3</td><td>7266.00</td><td>37.64</td><td>54.00</td><td>-16.36</td><td>32.27</td><td>5.37</td><td>Average</td><td>100</td><td>208</td></tr><tr><td>4</td><td>7266.00</td><td>51.13</td><td>74.00</td><td>-22.87</td><td>45.76</td><td>5.37</td><td>Peak</td><td>100</td><td>208</td></tr><tr><td>5</td><td>12110.00</td><td>42.61</td><td>54.00</td><td>-11.39</td><td>35.74</td><td>6.87</td><td>Average</td><td>100</td><td>251</td></tr><tr><td>6</td><td>12110.00</td><td>56.73</td><td>74.00</td><td>-17.27</td><td>49.86</td><td>6.87</td><td>Peak</td><td>100</td><td>251</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4844.00	31.77	54.00	-22.23	32.03	-0.26	Average	100	178	2	4844.00	44.90	74.00	-29.10	45.16	-0.26	Peak	100	178	3	7266.00	37.64	54.00	-16.36	32.27	5.37	Average	100	208	4	7266.00	51.13	74.00	-22.87	45.76	5.37	Peak	100	208	5	12110.00	42.61	54.00	-11.39	35.74	6.87	Average	100	251	6	12110.00	56.73	74.00	-17.27	49.86	6.87	Peak	100	251
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	4844.00	31.77	54.00	-22.23	32.03	-0.26	Average	100	178																																																																
2	4844.00	44.90	74.00	-29.10	45.16	-0.26	Peak	100	178																																																																
3	7266.00	37.64	54.00	-16.36	32.27	5.37	Average	100	208																																																																
4	7266.00	51.13	74.00	-22.87	45.76	5.37	Peak	100	208																																																																
5	12110.00	42.61	54.00	-11.39	35.74	6.87	Average	100	251																																																																
6	12110.00	56.73	74.00	-17.27	49.86	6.87	Peak	100	251																																																																
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																									



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE40 RU242	Test Freq. (MHz)	2422
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE40 RU242	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE40 RU242	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE40 RU242	Test Freq. (MHz)	2452
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE40 RU242	Test Freq. (MHz)	2452
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



ST Module

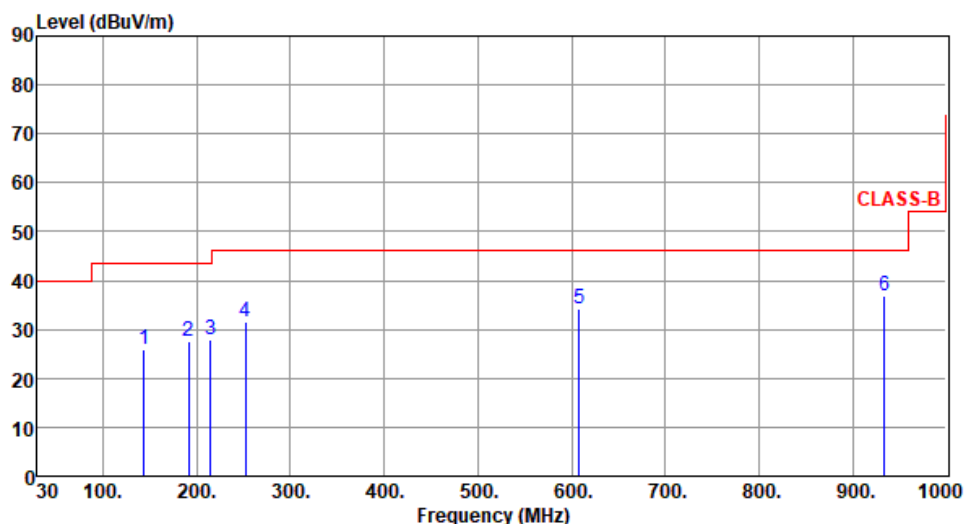
Unwanted Emissions (Below 1GHz)

Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
Polarization	Horizontal		

Test By :Sean Yu

Temperature(°C):26

Humidity(%):61



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	143.49	25.96	43.50	-17.54	34.95	-8.99	Peak	---	---
2	191.84	27.66	43.50	-15.84	39.07	-11.41	Peak	---	---
3	215.27	27.91	43.50	-15.59	39.86	-11.95	Peak	---	---
4	252.13	31.52	46.00	-14.48	41.42	-9.90	Peak	---	---
5	608.12	34.25	46.00	-11.75	34.63	-0.38	Peak	---	---
6	934.04	36.79	46.00	-9.21	31.74	5.05	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Radiated Emissions into Restricted Frequency Bands

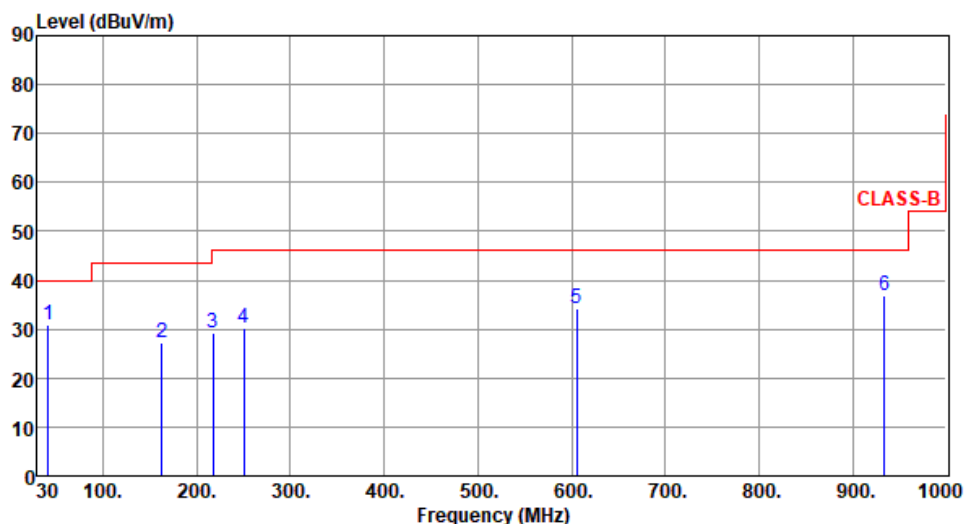
Appendix D.7

Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
Polarization	Vertical		

Test By :Sean Yu

Temperature(°C):26

Humidity(%):61



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	41.64	30.78	40.00	-9.22	39.33	-8.55	Peak	---	---
2	162.89	27.21	43.50	-16.29	36.05	-8.84	Peak	---	---
3	217.21	29.30	46.00	-16.70	41.22	-11.92	Peak	---	---
4	250.19	30.21	46.00	-15.79	40.16	-9.95	Peak	---	---
5	605.21	34.05	46.00	-11.95	34.50	-0.45	Peak	---	---
6	934.04	36.86	46.00	-9.14	31.81	5.05	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Emission (Above 1GHz)

Modulation	ax HE20 RU106	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):26 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

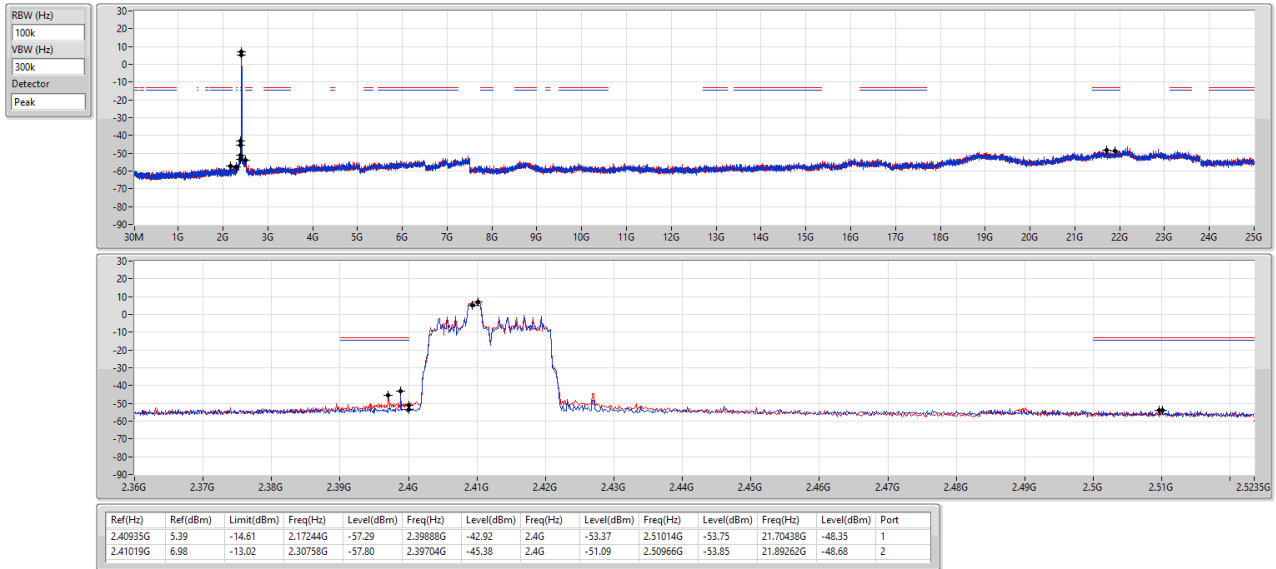
Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2412																																																																						
Polarization	Vertical																																																																								
Test By :Sean Yu Temperature(°C):26 Humidity(%):62																																																																									
<table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4824.00</td><td>32.89</td><td>54.00</td><td>-21.11</td><td>33.15</td><td>-0.26</td><td>Average</td><td>100</td><td>23</td></tr><tr><td>2</td><td>4824.00</td><td>46.82</td><td>74.00</td><td>-27.18</td><td>47.08</td><td>-0.26</td><td>Peak</td><td>100</td><td>23</td></tr><tr><td>3</td><td>12060.00</td><td>42.28</td><td>54.00</td><td>-11.72</td><td>35.54</td><td>6.74</td><td>Average</td><td>100</td><td>135</td></tr><tr><td>4</td><td>12060.00</td><td>55.68</td><td>74.00</td><td>-18.32</td><td>48.94</td><td>6.74</td><td>Peak</td><td>100</td><td>135</td></tr><tr><td>5</td><td>14472.00</td><td>45.10</td><td>54.00</td><td>-8.90</td><td>37.72</td><td>7.38</td><td>Average</td><td>100</td><td>220</td></tr><tr><td>6</td><td>14472.00</td><td>58.03</td><td>74.00</td><td>-15.97</td><td>50.65</td><td>7.38</td><td>Peak</td><td>100</td><td>220</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4824.00	32.89	54.00	-21.11	33.15	-0.26	Average	100	23	2	4824.00	46.82	74.00	-27.18	47.08	-0.26	Peak	100	23	3	12060.00	42.28	54.00	-11.72	35.54	6.74	Average	100	135	4	12060.00	55.68	74.00	-18.32	48.94	6.74	Peak	100	135	5	14472.00	45.10	54.00	-8.90	37.72	7.38	Average	100	220	6	14472.00	58.03	74.00	-15.97	50.65	7.38	Peak	100	220
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	4824.00	32.89	54.00	-21.11	33.15	-0.26	Average	100	23																																																																
2	4824.00	46.82	74.00	-27.18	47.08	-0.26	Peak	100	23																																																																
3	12060.00	42.28	54.00	-11.72	35.54	6.74	Average	100	135																																																																
4	12060.00	55.68	74.00	-18.32	48.94	6.74	Peak	100	135																																																																
5	14472.00	45.10	54.00	-8.90	37.72	7.38	Average	100	220																																																																
6	14472.00	58.03	74.00	-15.97	50.65	7.38	Peak	100	220																																																																
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																									

2.4-2.4835GHz_802.11ax_HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX

CSEndB

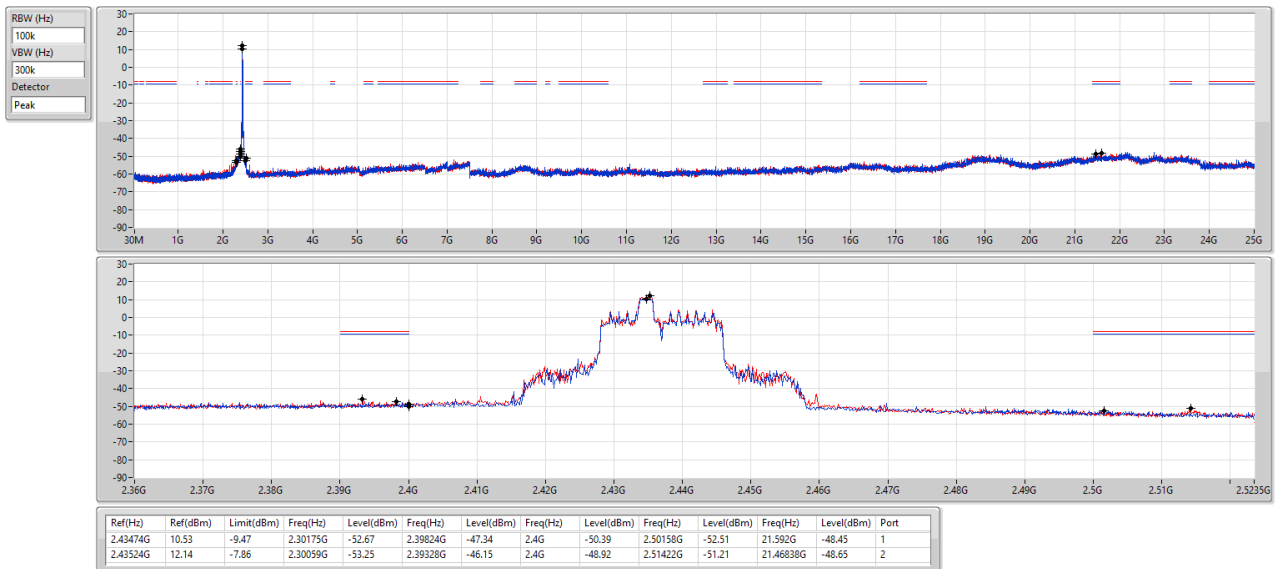
2412MHz



2.4-2.4835GHz_802.11ax_HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX

CSEndB

2437MHz

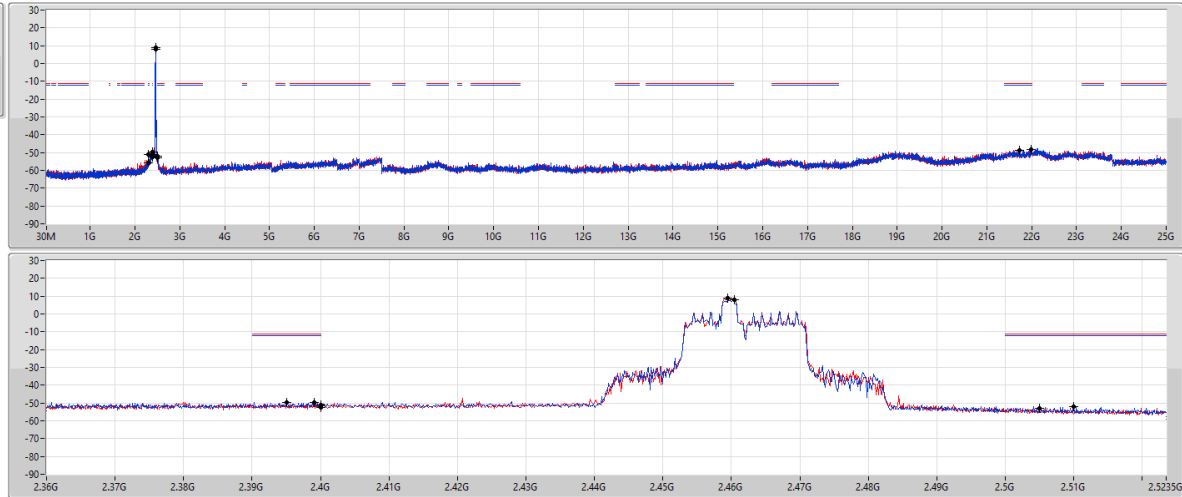


2.4-2.4835GHz_802.11ax_HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX

CSENdB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



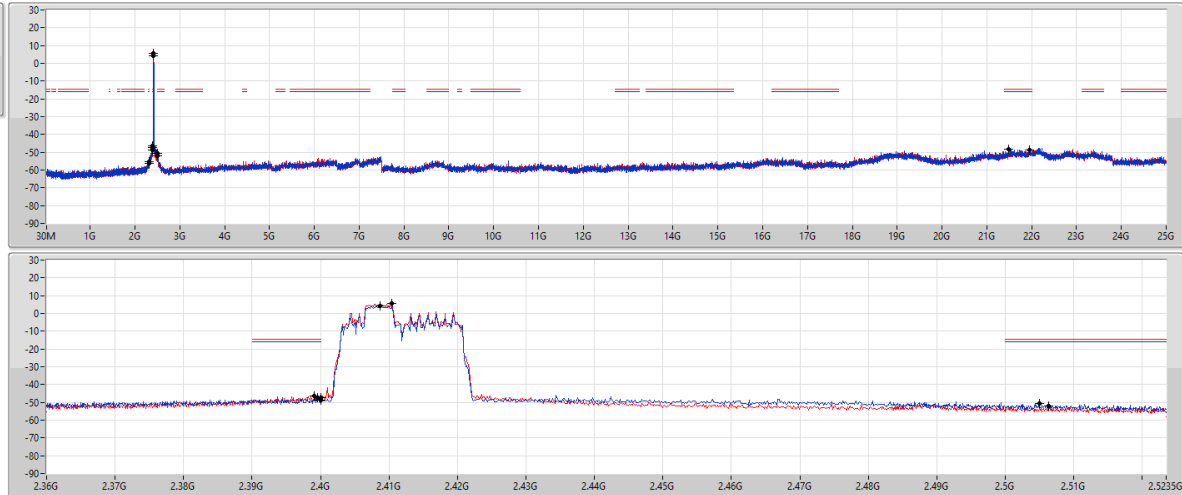
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46045G	7.75	-12.25	2.30641G	-55.59	2.39504G	-49.68	2.4G	-51.06	2.50998G	-51.99	21.72405G	-48.97	1
2.45945G	8.84	-11.16	2.30059G	-50.99	2.39912G	-49.89	2.4G	-52.60	2.50494G	-52.81	21.98815G	-48.22	2

2.4-2.4835GHz_802.11ax_HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX

CSENdB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



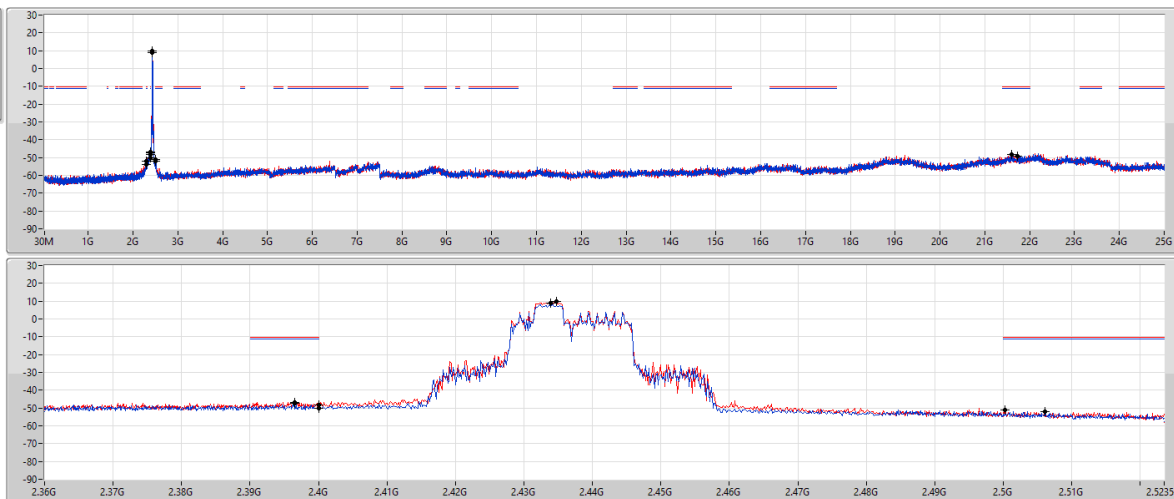
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40688G	4.21	-15.79	2.30991G	-55.40	2.3996G	-47.51	2.4G	-48.68	2.50494G	-50.75	21.49086G	-48.18	1
2.41035G	5.46	-14.54	2.30874G	-56.46	2.39912G	-46.29	2.4G	-47.37	2.5063G	-51.83	21.95443G	-48.88	2

2.4-2.4835GHz_802.11ax_HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX

CSENdB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



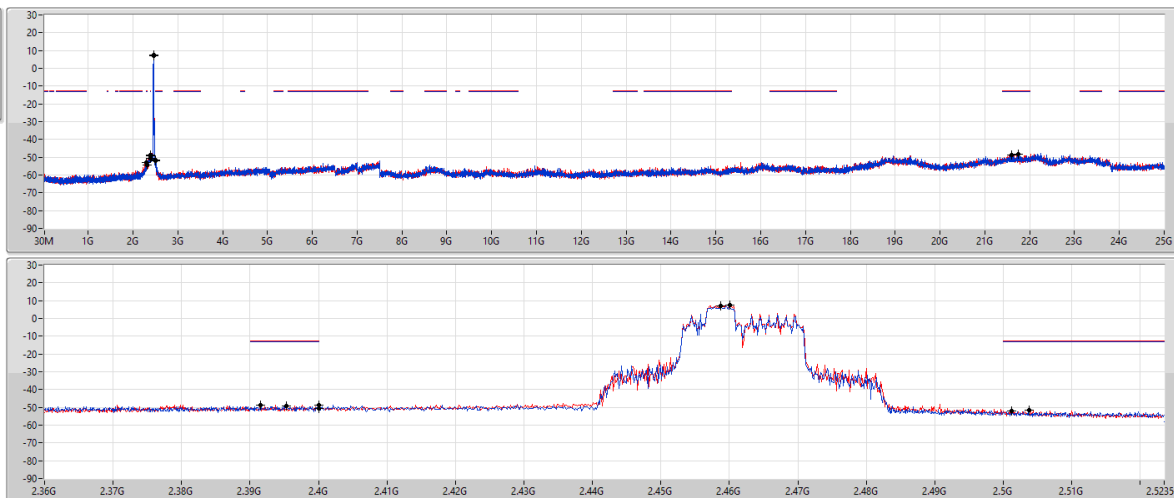
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4339G	8.75	-11.25	2.30641G	-53.85	2.39656G	-47.29	2.4G	-50.07	2.50614G	-51.80	21.72967G	-49.28	1
2.43474G	9.68	-10.32	2.30525G	-52.25	2.39648G	-46.88	2.4G	-48.42	2.5003G	-51.32	21.592G	-48.42	2

2.4-2.4835GHz_802.11ax_HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX

CSENdB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



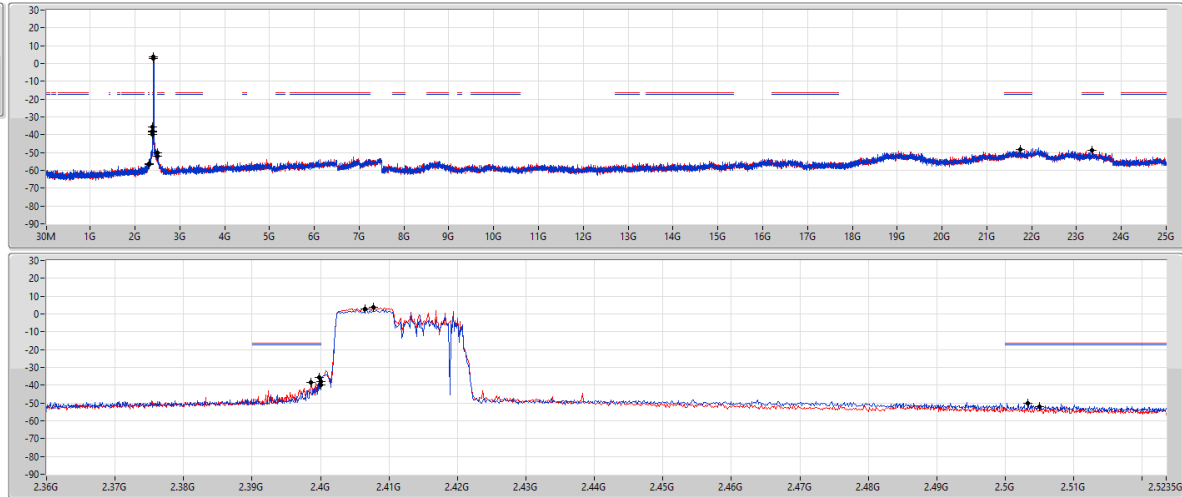
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45878G	6.88	-13.12	2.30874G	-54.32	2.39528G	-49.37	2.4G	-50.69	2.50374G	-51.63	21.75215G	-48.38	1
2.46012G	7.50	-12.50	2.30059G	-52.95	2.39152G	-48.57	2.4G	-48.89	2.50126G	-51.88	21.592G	-48.93	2

2.4-2.4835GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSENdB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



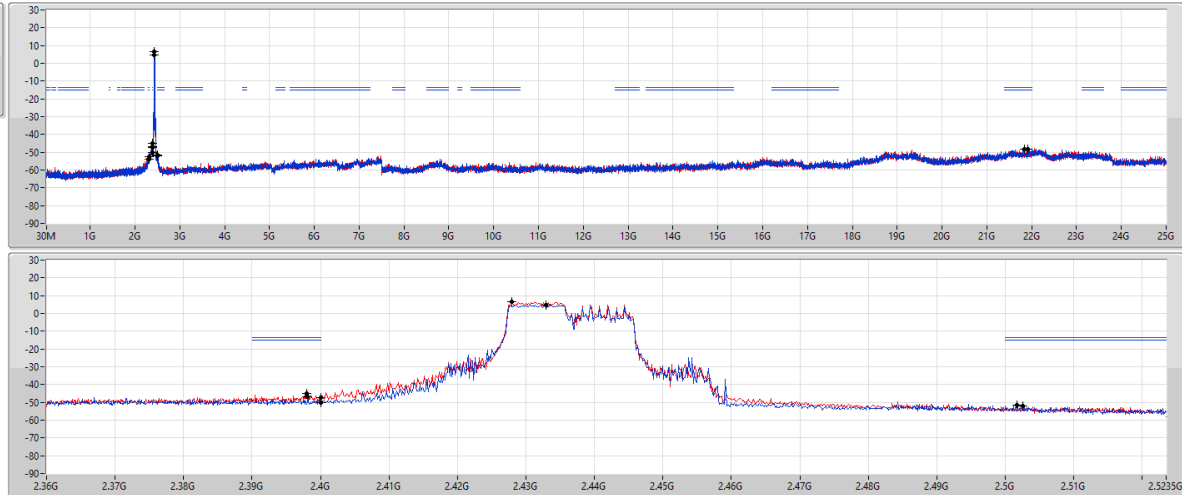
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40651G	2.60	-17.40	2.30874G	-56.07	2.39976G	-35.70	2.4G	-39.91	2.50334G	-50.16	2.34798G	-48.77	1
2.40768G	3.66	-16.34	2.30874G	-56.91	2.39864G	-38.67	2.4G	-37.97	2.50502G	-51.92	2.174653G	-48.38	2

2.4-2.4835GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSENdB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



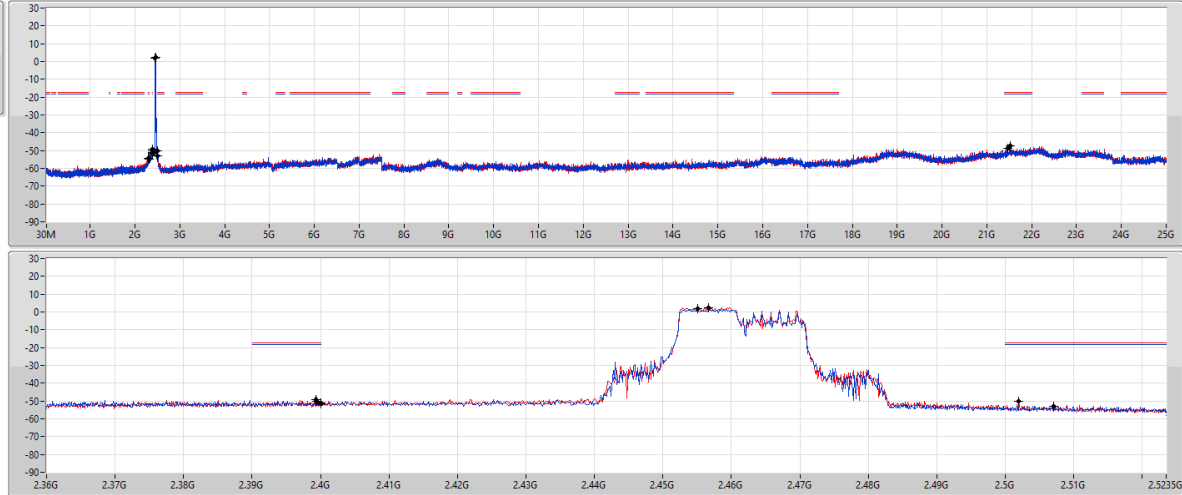
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4329G	4.87	-15.13	2.30991G	-54.00	2.39816G	-46.96	2.4G	-50.39	2.50166G	-51.51	2.183362G	-48.13	1
2.42789G	6.45	-13.55	2.30991G	-52.43	2.398G	-44.85	2.4G	-47.56	2.50262G	-51.94	2.190667G	-48.47	2

2.4-2.4835GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSENdB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



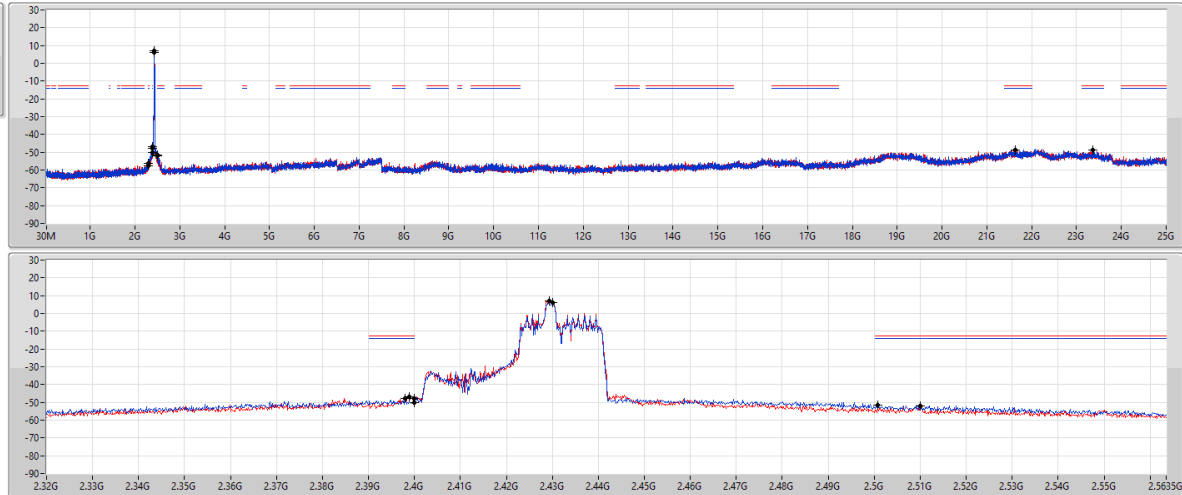
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45511G	1.68	-18.32	2.30991G	-54.61	2.39944G	-49.95	2.4G	-51.00	2.5071G	-52.84	2.51614G	-47.55	1
2.45661G	2.52	-17.48	2.30059G	-54.38	2.39928G	-49.13	2.4G	-51.66	2.50198G	-49.97	2.517119G	-48.90	2

2.4-2.4835GHz_802.11ax_HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX

CSENdB

2422MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43008G	5.91	-14.09	2.30626G	-56.27	2.39792G	-47.65	2.4G	-50.00	2.50078G	-51.34	2.516294G	-48.58	1
2.42939G	7.23	-12.77	2.30741G	-57.73	2.39688G	-46.75	2.4G	-47.65	2.51006G	-51.83	2.536774G	-48.89	2

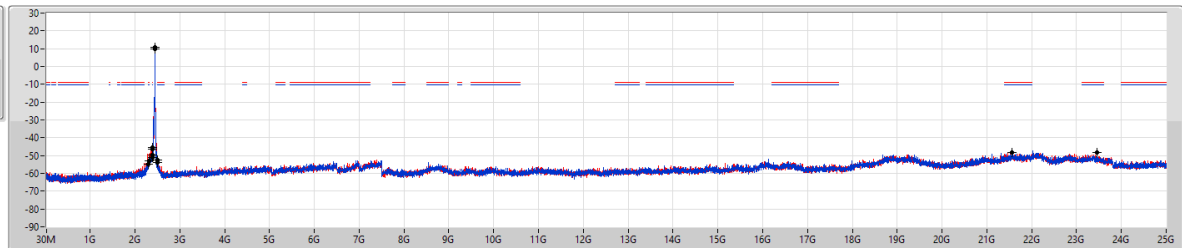


2.4-2.4835GHz_802.11ax_HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX

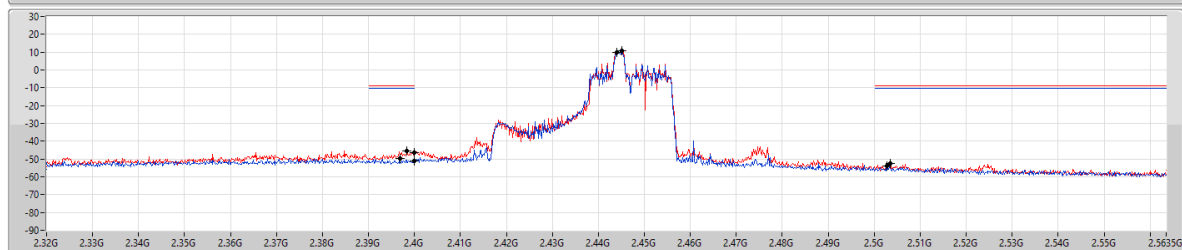
CSENdB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2



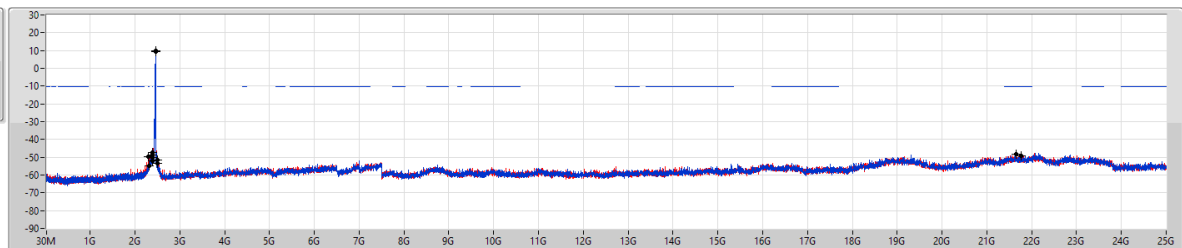
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44409G	9.69	-10.31	2.30512G	-54.90	2.3968G	-49.90	2.4G	-51.18	2.5027G	-54.01	23.45469G	-48.41	1
2.44509G	10.91	-9.09	2.3097G	-53.03	2.3984G	-45.38	2.4G	-46.18	2.5035G	-52.60	21.56161G	-48.44	2

2.4-2.4835GHz_802.11ax_HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX

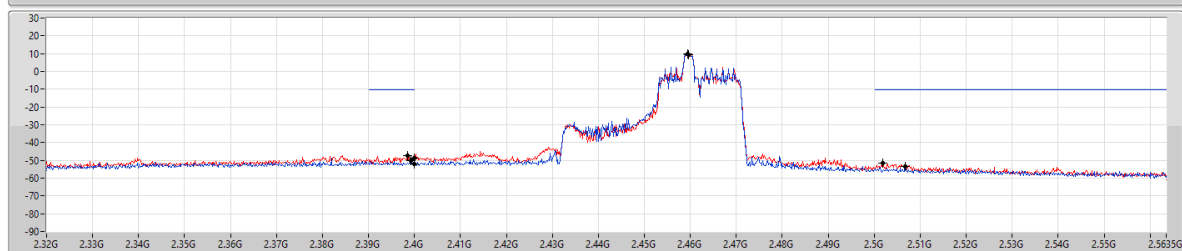
CSENdB

2452MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	9.78	-10.22	2.30853G	-54.86	2.3992G	-50.04	2.4G	-51.97	2.5067G	-53.52	21.65977G	-48.49	1
2.43962G	9.49	-10.51	2.30054G	-49.90	2.39856G	-47.47	2.4G	-48.78	2.5019G	-51.59	21.77195G	-49.13	2

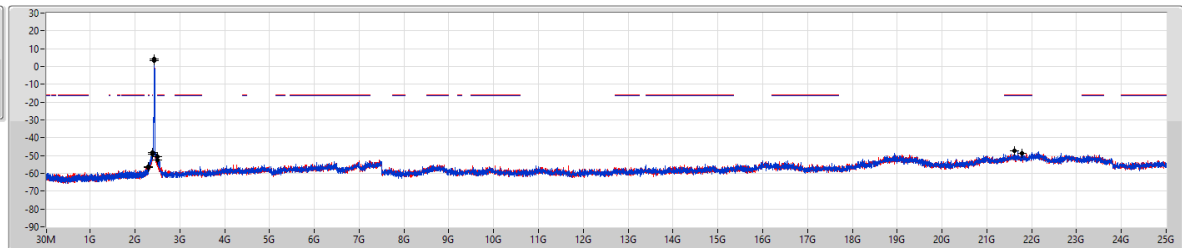


2.4-2.4835GHz_802.11ax_HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX

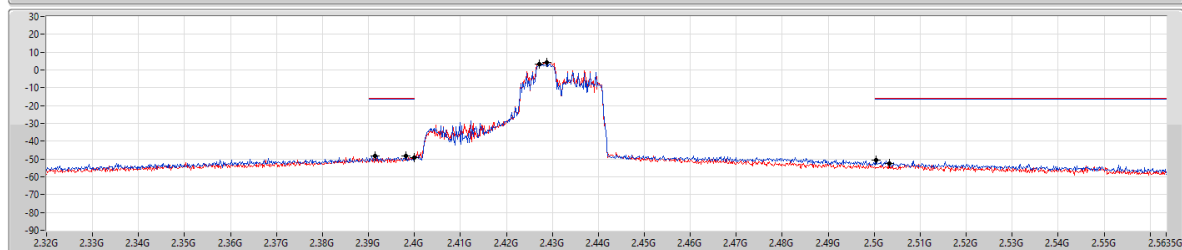
CSENdB

2422MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2



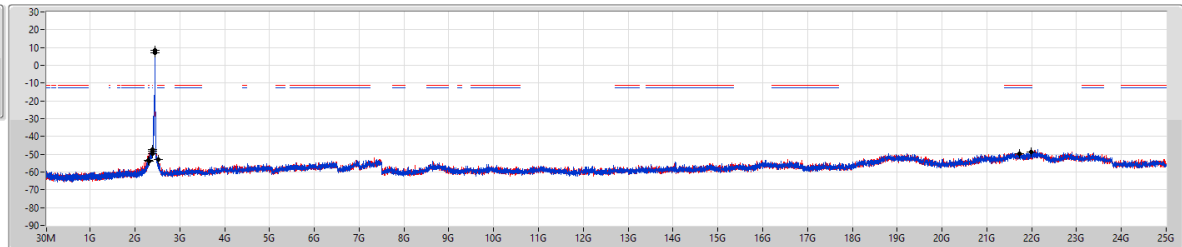
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42722G	3.47	-16.53	2.30168G	-56.58	2.39808G	-48.47	2.4G	-49.19	2.50046G	-50.76	21.62331G	-47.11	1
2.42872G	4.12	-15.88	2.30397G	-56.48	2.39152G	-48.07	2.4G	-49.20	2.50334G	-52.62	21.79158G	-48.96	2

2.4-2.4835GHz_802.11ax_HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX

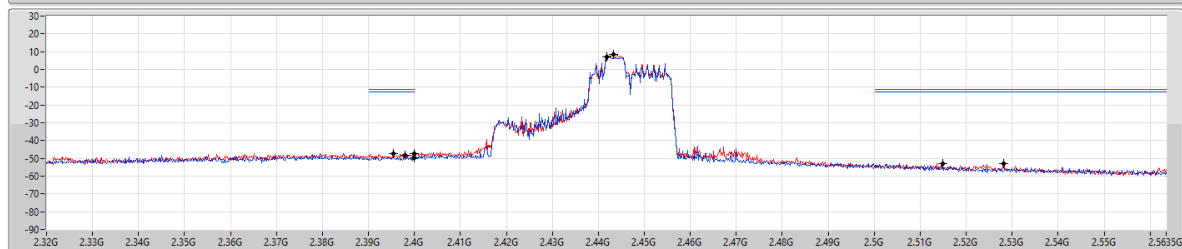
CSENdB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2



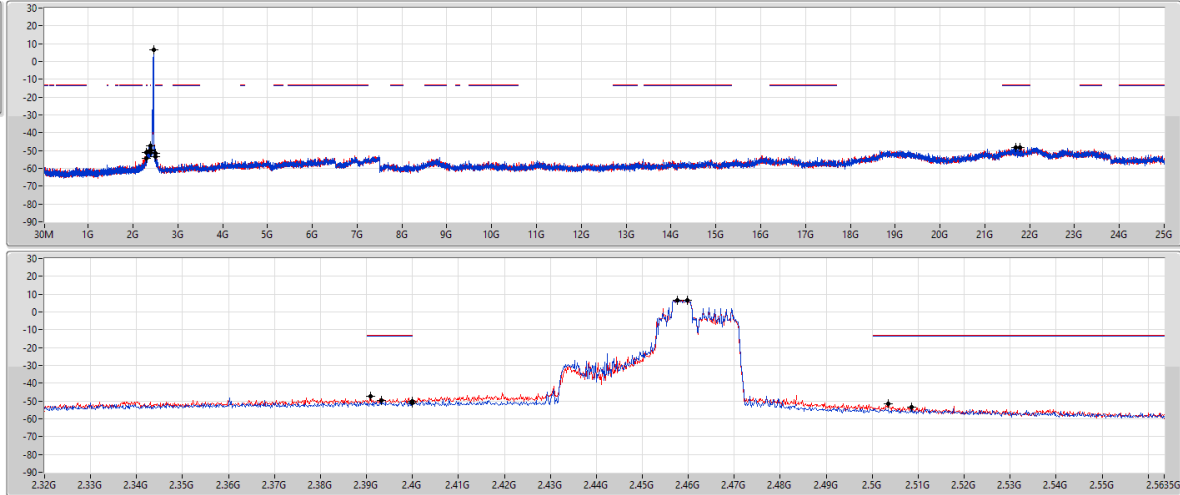
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44175G	7.11	-12.89	2.30397G	-53.41	2.39792G	-48.41	2.4G	-49.52	2.51486G	-52.90	21.9679G	-48.93	1
2.44325G	8.54	-11.46	2.30855G	-53.89	2.39536G	-47.29	2.4G	-47.54	2.52814G	-52.80	21.72988G	-49.60	2

2.4-2.4835GHz_802.11ax_HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX

CSENdB

2452MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



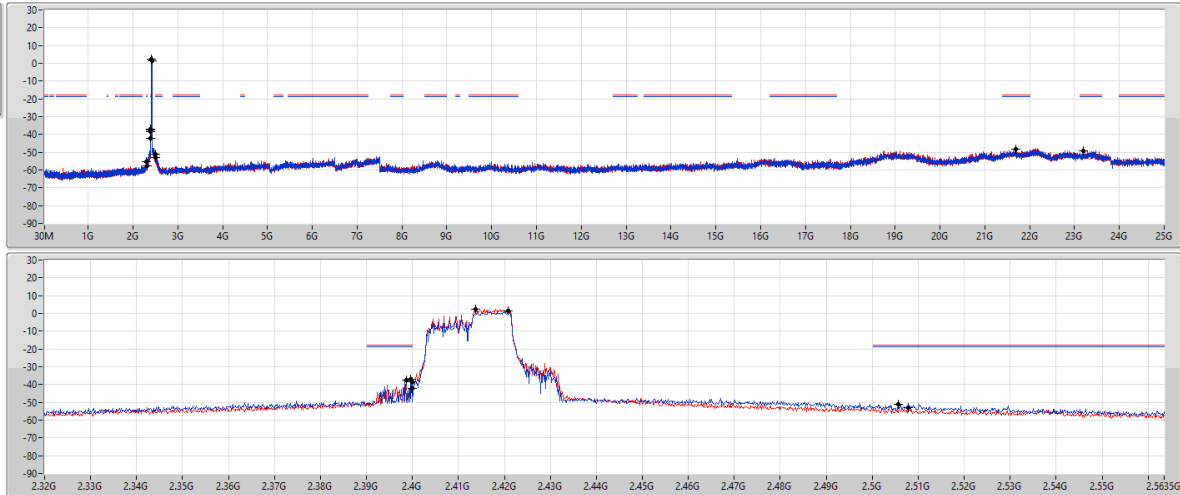
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45762G	6.49	-13.51	2.30168G	-54.34	2.39328G	-49.67	2.4G	-51.15	2.50862G	-53.34	21.69342G	-48.39	1
2.45979G	6.76	-13.24	2.30054G	-51.14	2.39088G	-47.21	2.4G	-50.13	2.5035G	-51.76	21.77756G	-48.27	2

2.4-2.4835GHz_802.11ax_HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX

CSENdB

2422MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42088G	1.46	-18.54	2.30283G	-55.25	2.39952G	-36.83	2.4G	-42.26	2.50574G	-50.97	21.89062G	-48.42	1
2.41369G	2.34	-17.66	2.30855G	-57.56	2.39672G	-37.47	2.4G	-38.37	2.50782G	-52.74	23.20228G	-49.10	2

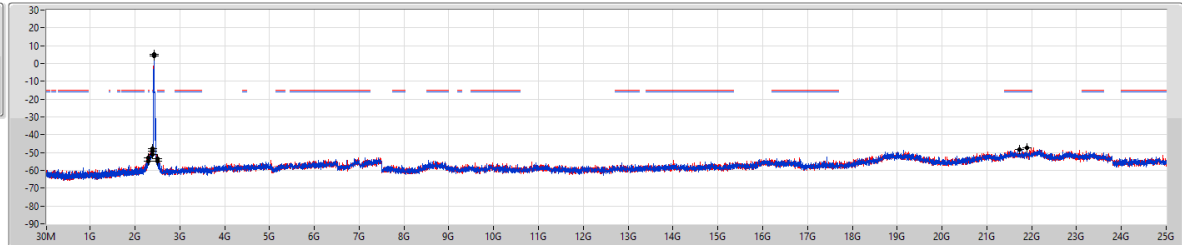


2.4-2.4835GHz_802.11ax_HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX

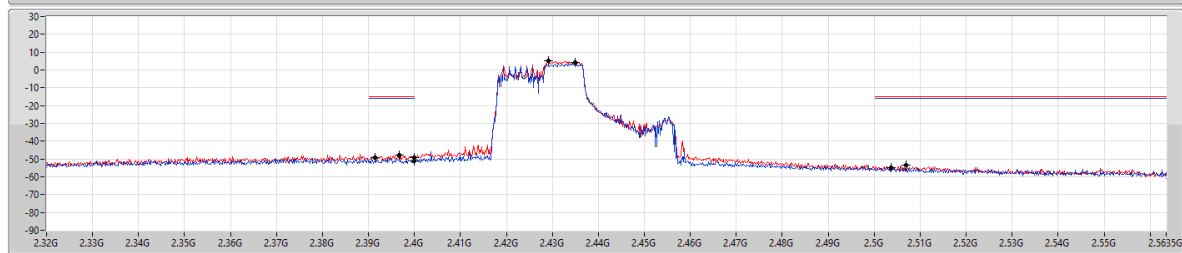
CSENdB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2



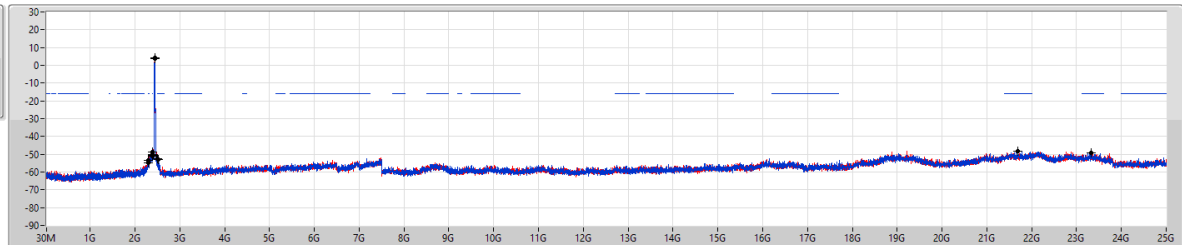
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4349G	4.23	-15.77	2.30741G	-54.76	2.39152G	-49.36	2.4G	-51.06	2.50366G	-54.86	21.73268G	-48.10	1
2.42923G	5.03	-14.97	2.30283G	-53.04	2.39664G	-47.75	2.4G	-49.02	2.50686G	-53.50	21.88974G	-47.18	2

2.4-2.4835GHz_802.11ax_HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX

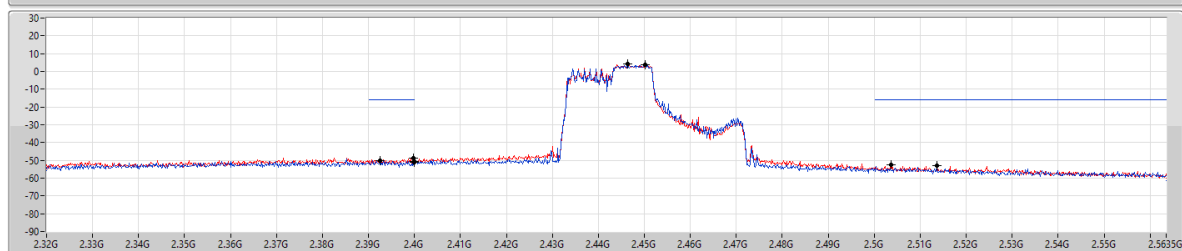
CSENdB

2452MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2



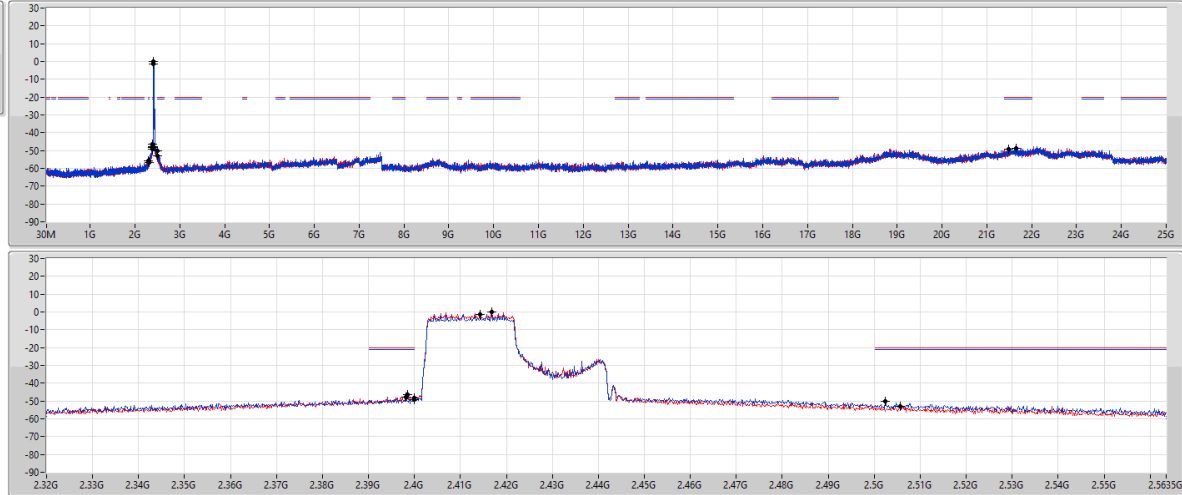
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4501G	3.87	-16.13	2.30741G	-54.68	2.39248G	-49.99	2.4G	-50.96	2.51358G	-53.17	21.66781G	-48.38	1
2.44643G	4.10	-15.90	2.30397G	-53.50	2.39984G	-48.76	2.4G	-50.85	2.50366G	-52.72	23.33129G	-49.00	2

2.4-2.4835GHz_802.11ax_HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

CSENdB

2422MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



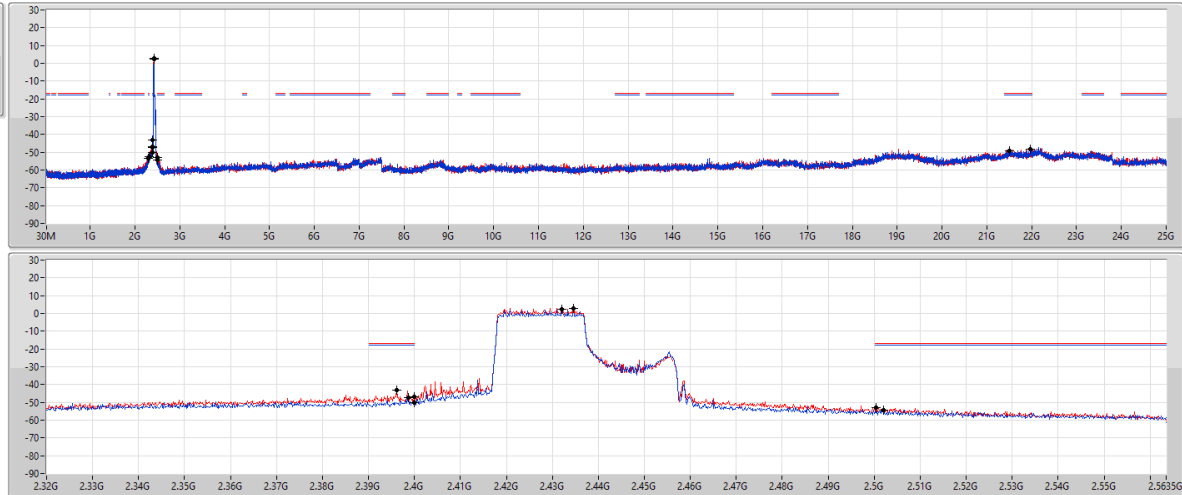
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.414366	-1.25	-21.25	2.30397G	-55.83	2.39808G	-47.95	2.4G	-49.05	2.50238G	-50.16	21.65135G	-48.86	1
2.41687G	-0.02	-20.02	2.3097G	-56.65	2.39856G	-46.44	2.4G	-48.35	2.50558G	-53.06	21.48588G	-49.45	2

2.4-2.4835GHz_802.11ax_HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

CSENdB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



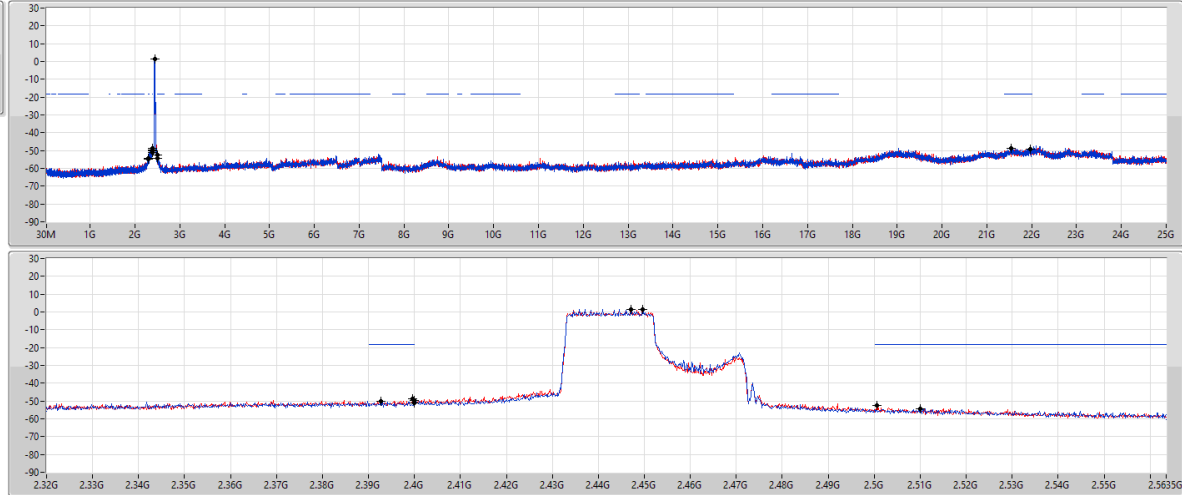
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432066	2.22	-17.78	2.3097G	-52.42	2.39872G	-47.37	2.4G	-50.23	2.50206G	-54.37	21.4971G	-49.06	1
2.43457G	3.04	-16.96	2.30283G	-53.41	2.39616G	-43.34	2.4G	-47.01	2.50046G	-53.18	21.96546G	-48.39	2

2.4-2.4835GHz_802.11ax_HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

CSEndB

2452MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4496G	1.55	-18.45	2.30626G	-54.23	2.39264G	-50.21	2.4G	-51.02	2.51006G	-54.26	21.55039G	-48.58	1
2.44709G	1.63	-18.37	2.30626G	-54.76	2.39968G	-48.97	2.4G	-49.68	2.50062G	-52.72	21.96546G	-49.04	2

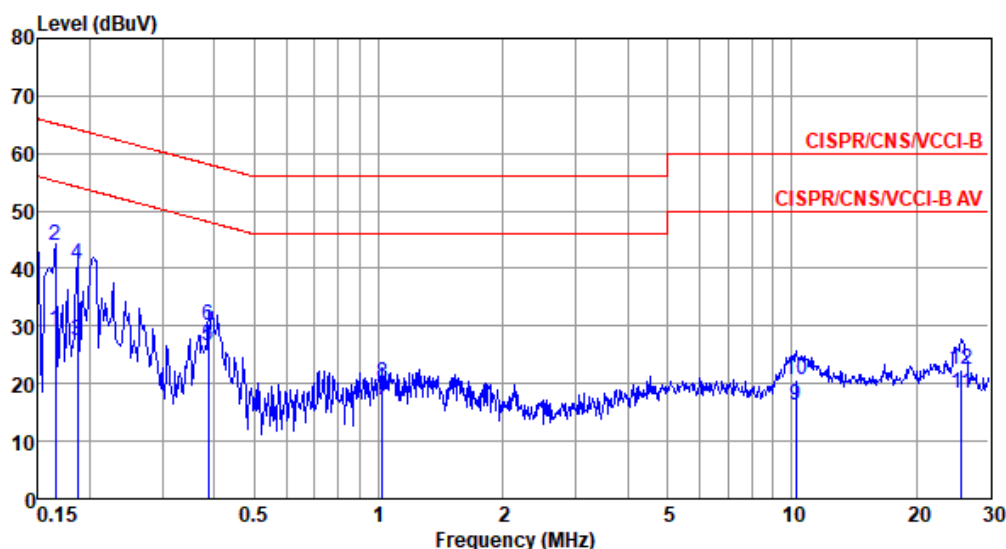


Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.165	29.08	55.21	-26.13	19.16	9.63	0.07	0.22	Average
2*	0.165	44.11	65.21	-21.10	34.19	9.63	0.07	0.22	QP
3	0.186	27.38	54.20	-26.82	17.46	9.62	0.06	0.24	Average
4	0.186	40.82	64.20	-23.38	30.90	9.62	0.06	0.24	QP
5	0.387	26.44	48.12	-21.68	16.41	9.62	0.08	0.33	Average
6	0.387	30.10	58.12	-28.02	20.07	9.62	0.08	0.33	QP
7	1.021	17.19	46.00	-28.81	7.11	9.63	0.09	0.36	Average
8	1.021	19.98	56.00	-36.02	9.90	9.63	0.09	0.36	QP
9	10.233	16.10	50.00	-33.90	5.61	9.69	0.35	0.45	Average
10	10.233	20.64	60.00	-39.36	10.15	9.69	0.35	0.45	QP
11	25.727	18.30	50.00	-31.70	7.40	9.64	0.55	0.71	Average
12	25.727	22.35	60.00	-37.65	11.45	9.64	0.55	0.71	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

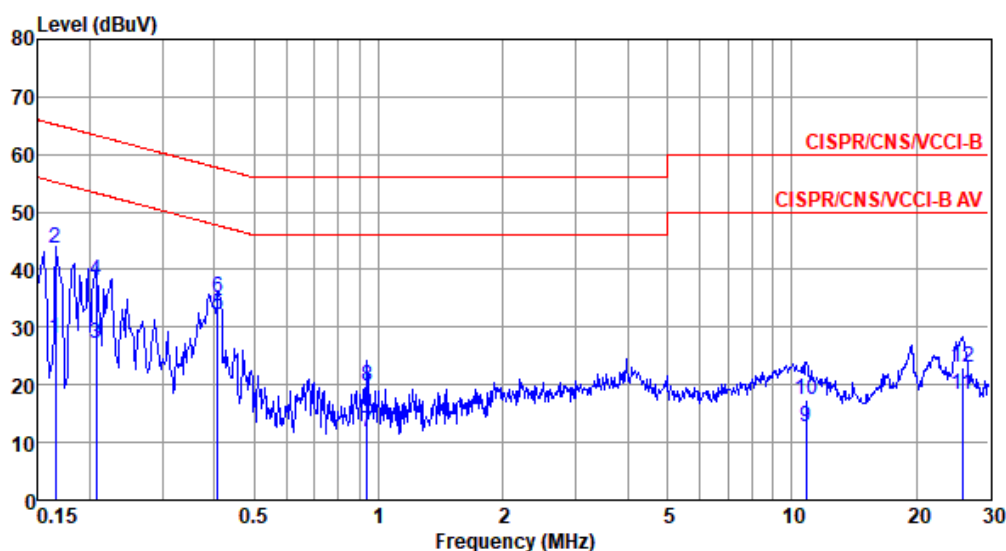


Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark
	MHz	dBuV	Line	Limit	Level	dB	loss	dB	
			dBuV	dB	dBuV		dB		
1	0.165	27.93	55.21	-27.28	18.09	9.63	0.07	0.14	Average
2	0.165	43.82	65.21	-21.39	33.98	9.63	0.07	0.14	QP
3	0.207	27.14	53.32	-26.18	17.28	9.63	0.06	0.17	Average
4	0.207	38.17	63.32	-25.15	28.31	9.63	0.06	0.17	QP
5*	0.408	32.26	47.68	-15.42	22.31	9.62	0.08	0.25	Average
6	0.408	35.14	57.68	-22.54	25.19	9.62	0.08	0.25	QP
7	0.938	11.85	46.00	-34.15	1.83	9.63	0.09	0.30	Average
8	0.938	19.76	56.00	-36.24	9.74	9.63	0.09	0.30	QP
9	10.847	12.63	50.00	-37.37	2.11	9.72	0.37	0.43	Average
10	10.847	17.36	60.00	-42.64	6.84	9.72	0.37	0.43	QP
11	25.864	18.36	50.00	-31.64	7.37	9.79	0.55	0.65	Average
12	25.864	22.90	60.00	-37.10	11.91	9.79	0.55	0.65	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).