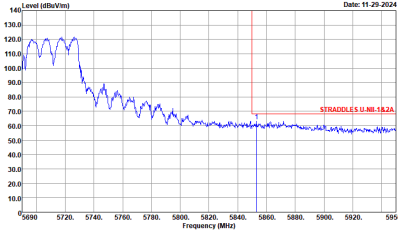




**Band 3 - Straddle Channel**  
**WIFI 802.11be EHT40 Full (Band Edge @ 3m)**

| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                      |                                                                                                                                    |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| ANT     | 802.11be EHT40 Full CH142 5710MHz - L                                                                                                       |                                                                                                                                    |
| 1+2+3+4 | Horizontal                                                                                                                                  | Fundamental                                                                                                                        |
| Peak    | <p>Site : 03CH02-CA<br/>Condition : STRADDLES U-NII-182A 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> | <p>Site : 03CH02-CA<br/>Condition : PEAK(U-NII) 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> |
| Avg.    | <p>Site : 03CH02-CA<br/>Condition : U-NII-182A AVERAGE 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>      | <p>Site : 03CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>         |

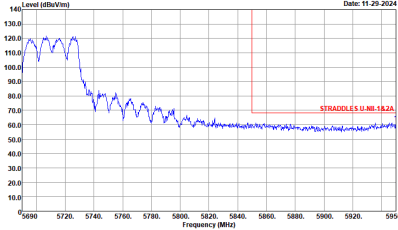


|         |                                                                                                                                                                                                                                      |             |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                                                                                                               |             |
| ANT     | 802.11be EHT40 Full CH142 5710MHz - R                                                                                                                                                                                                |             |
| 1+2+3+4 | Horizontal                                                                                                                                                                                                                           | Fundamental |
| Peak    | <div><p>Site : 03CH02-CA<br/>Condition : STRADDLES U-NI-182A 3m HORN_02140_240129 HORIZONTAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p></div> | Left blank  |



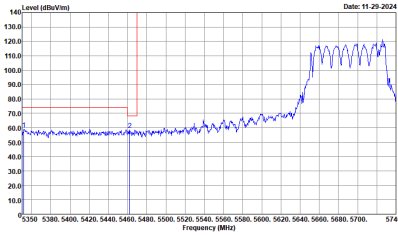
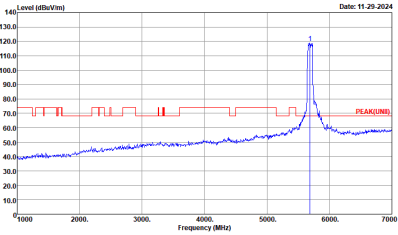
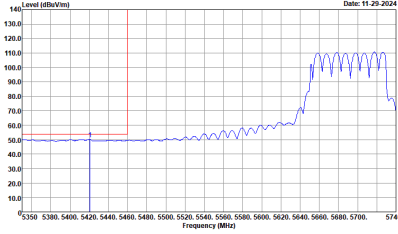
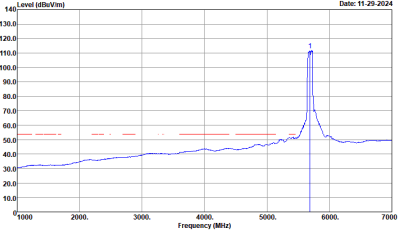
| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                  |                                                                                                                                |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| ANT     | 802.11be EHT40 Full CH142 5710MHz - L                                                                                                   |                                                                                                                                |
| 1+2+3+4 | Vertical                                                                                                                                | Fundamental                                                                                                                    |
| Peak    | <p>Site : 03CH02-CA<br/>Condition : STRADDLES U-NII-182A 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> | <p>Site : 03CH02-CA<br/>Condition : PEAK(U-NII) 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> |
| Avg.    | <p>Site : 03CH02-CA<br/>Condition : U-NII-182A AVERAGE 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>      | <p>Site : 03CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>         |



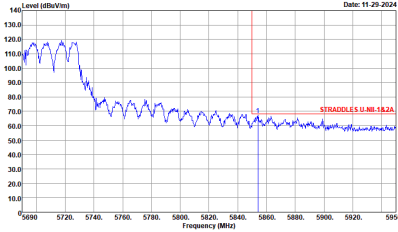
|         |                                                                                                                                                                                                                                     |             |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                                                                                                              |             |
| ANT     | 802.11be EHT40 Full CH142 5710MHz - R                                                                                                                                                                                               |             |
| 1+2+3+4 | Vertical                                                                                                                                                                                                                            | Fundamental |
| Peak    | <div><p>Site : 03CH02-CA<br/>Condition : STRADOLE'S U-NI-182A 3m HORN_82140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p></div> | Left blank  |



**Band 3 – Straddle Channel**  
**WIFI 802.11be EHT80 Full (Band Edge @ 3m)**

| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                                                                                                        |                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT     | 802.11be EHT80 Full CH138 5690MHz - L                                                                                                                                                                                         |                                                                                                                                                                                                                       |
| 1+2+3+4 | Horizontal                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                           |
| Peak    |  <p>Site : 03CH02-CA<br/>Condition : STRADDLES U-NII-182A 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> |  <p>Site : 03CH02-CA<br/>Condition : PEAK(U-NII) 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> |
| Avg.    |  <p>Site : 03CH02-CA<br/>Condition : U-NII-182A AVERAGE 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>    |  <p>Site : 03CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>       |

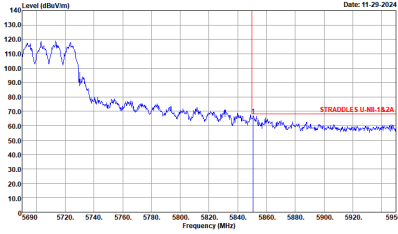


|         |                                                                                                                                                                                                                                       |             |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                                                                                                                |             |
| ANT     | 802.11be EHT80 Full CH138 5690MHz - R                                                                                                                                                                                                 |             |
| 1+2+3+4 | Horizontal                                                                                                                                                                                                                            | Fundamental |
| Peak    | <div><p>Site : 03CH02-CA<br/>Condition : STRADOLE'S U-NI-182A 3m HORN_02140_240129 HORIZONTAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p></div> | Left blank  |



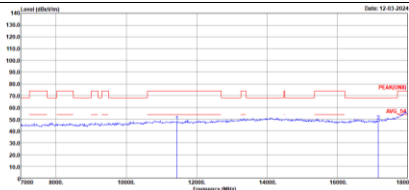
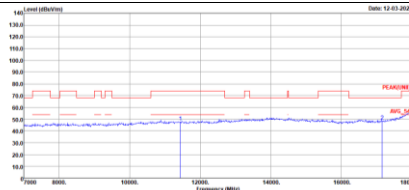
| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                  |                                                                                                                                |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| ANT     | 802.11be EHT80 Full CH138 5690MHz - L                                                                                                   |                                                                                                                                |
| 1+2+3+4 | Vertical                                                                                                                                | Fundamental                                                                                                                    |
| Peak    | <p>Site : 03CH02-CA<br/>Condition : STRADDLES U-NII-182A 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> | <p>Site : 03CH02-CA<br/>Condition : PEAK(U-NII) 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> |
|         | <p>Site : 03CH02-CA<br/>Condition : U-NII-182A AVERAGE 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>      | <p>Site : 03CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p>         |
| Avg.    |                                                                                                                                         |                                                                                                                                |



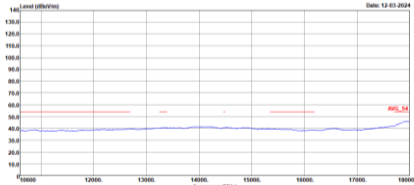
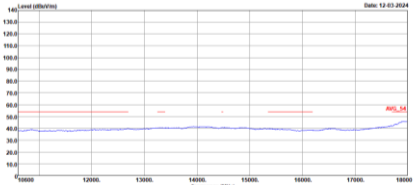
|         |                                                                                                                                                                                                                                     |             |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| WIFI    | Band 3 Straddle Channel Band Edge @ 3m                                                                                                                                                                                              |             |
| ANT     | 802.11be EHT80 Full CH138 5690MHz - R                                                                                                                                                                                               |             |
| 1+2+3+4 | Vertical                                                                                                                                                                                                                            | Fundamental |
| Peak    | <div><p>Site : 03CH02-CA<br/>Condition : STRADOLE'S U-NI-182A 3m HORN_02140_240129 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p></div> | Left blank  |



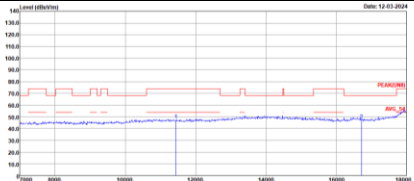
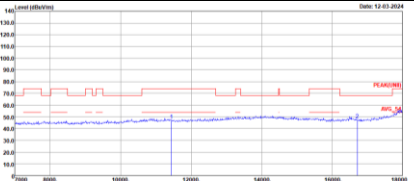
Band 3 - Straddle Channel  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | Band 3 Straddle Channel Harmonic @ 3m                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                         |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH144 5720MHz                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                         |
| 1+2+3+4      | Horizontal                                                                                                                                                                                                                                               | Vertical                                                                                                                                                                                                                                                |
| Peak<br>Avg. |  <p>Site : 05CH02-CA<br/>Condition : PEAK(UNIT) 3m HORN_R2140_240129 HORIZONTAL<br/>Detector : Peak<br/>Power : 120Wac/50Hz<br/>Setting : 20<br/>Plane : Y with POE</p> |  <p>Site : 05CH02-CA<br/>Condition : PEAK(UNIT) 3m HORN_R2140_240129 VERTICAL<br/>Detector : Peak<br/>Power : 120Wac/50Hz<br/>Setting : 20<br/>Plane : Y with POE</p> |

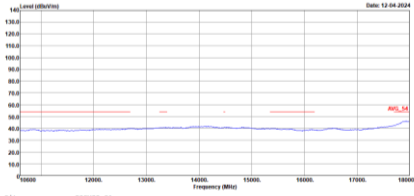
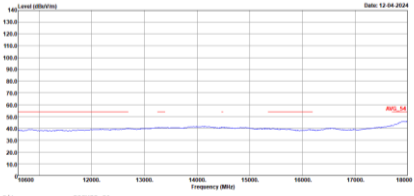


|                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI                  | Band 3 5470~5725MHz Harmonic @ 3m                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
| ANT                   | 802.11a CH144 5720MHz                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                |
| 1+2+3+4               | Horizontal                                                                                                                                                                                                                                                      | Vertical                                                                                                                                                                                                                                                       |
| 10.6G~<br>18G<br>Avg. | <div><p>Site : R3CH02-CA<br/>Condition : AVG_14 3m HORN_02140_240125 HORIZONTAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 22<br/>Plane : V with POE</p></div> | <div><p>Site : R3CH02-CA<br/>Condition : AVG_14 3m HORN_02140_240125 VERTICAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 22<br/>Plane : V with POE</p></div> |

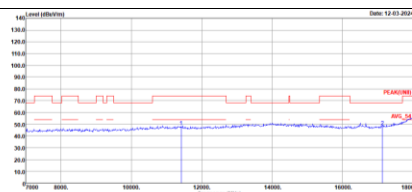
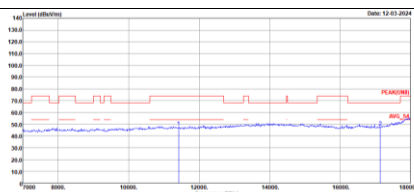
**Band 3 – Straddle Channel**  
**WIFI 802.11be EHT20 Full (Harmonic @ 3m)**

| WIFI                           | Band 3 Straddle Channel Harmonic @ 3m                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                               |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11be EHT20 Full CH144 5720MHz                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
| 1+2+3+4                        | Horizontal                                                                                                                                                                                                                                                     | Vertical                                                                                                                                                                                                                                                      |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 83XN02-CA<br/> Condition : PEAK (W11) 3m HORN_R2140_240129 HORIZONTAL<br/> Detector : Peak<br/> Power : 120Wac/500Hz<br/> Setting : 22<br/> Plane : Y with POE</p> |  <p>Site : 83XN02-CA<br/> Condition : PEAK (W11) 3m HORN_R2140_240129 VERTICAL<br/> Detector : Peak<br/> Power : 120Wac/500Hz<br/> Setting : 22<br/> Plane : Y with POE</p> |

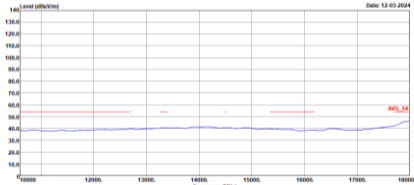
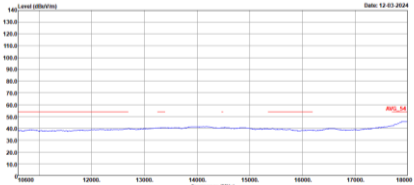


|                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI                  | Band 3 Straddle Channel Harmonic @ 3m                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                |
| ANT                   | 802.11be EHT20 Full CH144 5720MHz                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
| 1+2+3+4               | Horizontal                                                                                                                                                                                                                                                      | Vertical                                                                                                                                                                                                                                                       |
| 10.6G~<br>18G<br>Avg. | <div><p>Site : R3CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240125 HORIZONTAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 22<br/>Plane : V with POE</p></div> | <div><p>Site : R3CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240125 VERTICAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 22<br/>Plane : V with POE</p></div> |

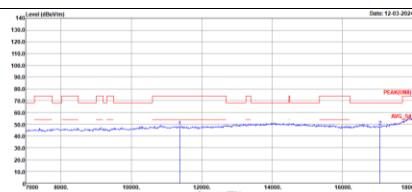
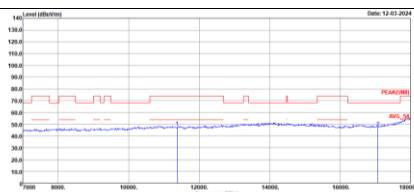
**Band 3 - Straddle Channel**  
**WIFI 802.11be EHT40 Full (Harmonic @ 3m)**

| WIFI         | Band 3 Straddle Channel Harmonic @ 3m                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                               |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11be EHT40 Full CH142 5710MHz                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
| 1+2+3+4      | Horizontal                                                                                                                                                                                                                                                     | Vertical                                                                                                                                                                                                                                                      |
| Peak<br>Avg. |  <p>Site : 802.11be-CA<br/> Condition : PEAK(AVG) 3m HORN_R2140_240129 HORIZONTAL<br/> Detector : Peak<br/> Power : 120Wac/500Hz<br/> Setting : Z<br/> Plane : Y with POE</p> |  <p>Site : 802.11be-CA<br/> Condition : PEAK(AVG) 3m HORN_R2140_240129 VERTICAL<br/> Detector : Peak<br/> Power : 120Wac/500Hz<br/> Setting : Z<br/> Plane : Y with POE</p> |

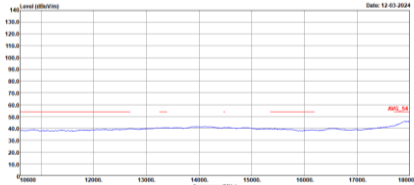
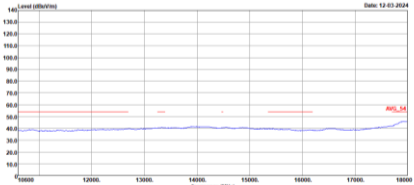


|                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI                  | Band 3 Straddle Channel Harmonic @ 3m                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                |
| ANT                   | 802.11be EHT40 Full CH142 5710MHz                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
| 1+2+3+4               | Horizontal                                                                                                                                                                                                                                                      | Vertical                                                                                                                                                                                                                                                       |
| 10.6G~<br>18G<br>Avg. | <div><p>Site : R3CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240125 HORIZONTAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 22<br/>Plane : V with POE</p></div> | <div><p>Site : R3CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240125 VERTICAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 22<br/>Plane : V with POE</p></div> |
|                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |

**Band 3 – Straddle Channel**  
**WIFI 802.11be EHT80 Full (Harmonic @ 3m)**

| WIFI         | Band 3 Straddle Channel Harmonic @ 3m                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11be EHT80 Full CH138 5690MHz                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
| 1+2+3+4      | Horizontal                                                                                                                                                                                                                                                        | Vertical                                                                                                                                                                                                                                                         |
| Peak<br>Avg. |  <p>Site : 802.11be-CA<br/> Condition : PEAK(AVG) 3m HORN_R2140_240129 HORIZONTAL<br/> Detector : Peak<br/> Power : 120Wac/50MHz<br/> Setting : 21.5<br/> Plane : Y with POE</p> |  <p>Site : 802.11be-CA<br/> Condition : PEAK(AVG) 3m HORN_R2140_240129 VERTICAL<br/> Detector : Peak<br/> Power : 120Wac/50MHz<br/> Setting : 21.5<br/> Plane : Y with POE</p> |



|                       |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                  |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI                  | Band 3 Straddle Channel Harmonic @ 3m                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                  |
| ANT                   | 802.11be EHT80 Full CH138 5690MHz                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
| 1+2+3+4               | Horizontal                                                                                                                                                                                                                                                        | Vertical                                                                                                                                                                                                                                                         |
| 10.6G~<br>18G<br>Avg. | <div><p>Site : R3CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240125 HORIZONTAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 21.5<br/>Plane : V with POE</p></div> | <div><p>Site : R3CH02-CA<br/>Condition : AVG_54 3m HORN_02140_240125 VERTICAL<br/>Detector : Peak<br/>Power : 120Wac/100Hz<br/>Setting : 21.5<br/>Plane : V with POE</p></div> |



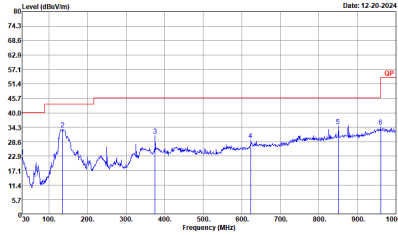
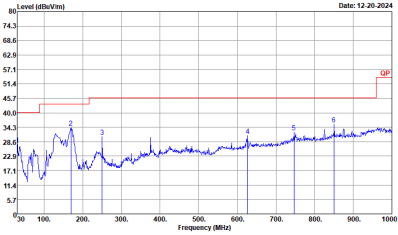
Emission above 18GHz

5GHz WIFI 802.11be EHT20 Full (SHF @ 1m)

| WIFI         | 5GHz WIFI                                                                                                                                   |                                                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11be EHT20 Full SHF                                                                                                                     |                                                                                                                                           |
| 1+2+3+4      | Horizontal                                                                                                                                  | Vertical                                                                                                                                  |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 12-19-2024</p><p>Site : 03CH02-CA<br/>Condition : PEAK(UNIT) 1m SHF_HORN_841_240807 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 12-19-2024</p><p>Site : 03CH02-CA<br/>Condition : PEAK(UNIT) 1m SHF_HORN_841_240807 VERTICAL</p></div> |



Emission below 1GHz  
5GHz WIFI 802.11be EHT20 Full (LF)

| WIFI         | 5GHz WIFI                                                                                                                                                                       |                                                                                                                                                                                |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11be EHT20 Full LF                                                                                                                                                          |                                                                                                                                                                                |
| 1+2+3+4      | Horizontal                                                                                                                                                                      | Vertical                                                                                                                                                                       |
| QP /<br>Peak | <div><p>Site : 03CH02-CA<br/>Condition : QP 3m BILOG_50392_240813_L HORIZONTAL<br/>:</p></div> | <div><p>Site : 03CH02-CA<br/>Condition : QP 3m BILOG_50392_240813_L VERTICAL<br/>:</p></div> |
|              |                                                                                                                                                                                 |                                                                                                                                                                                |

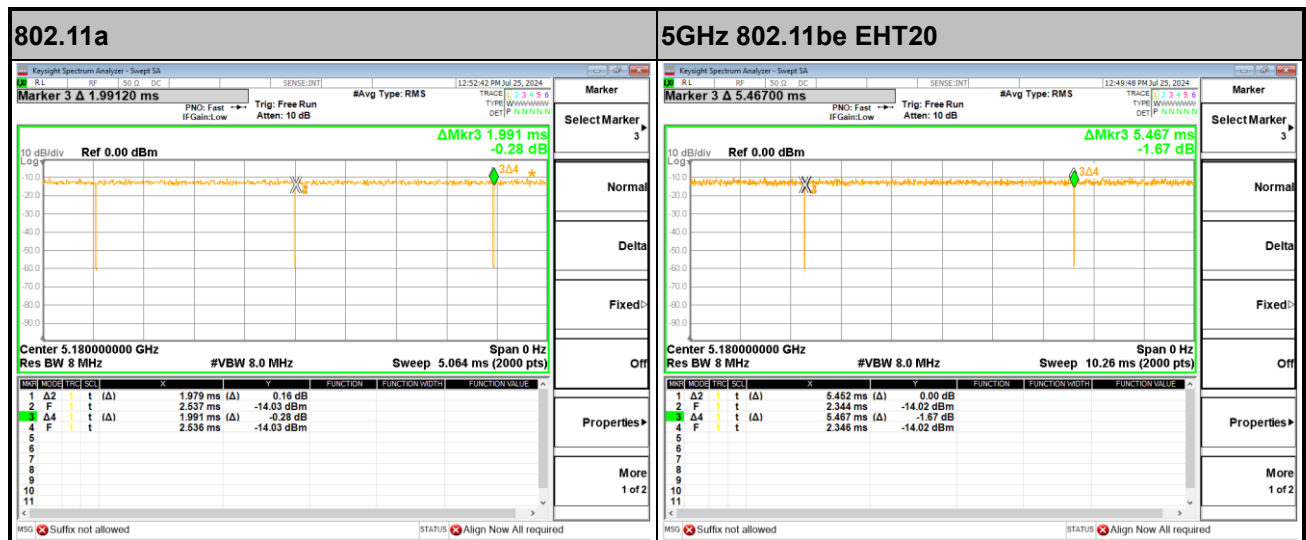


## Appendix E. Duty Cycle Plots

&lt;2x2 Mode&gt;

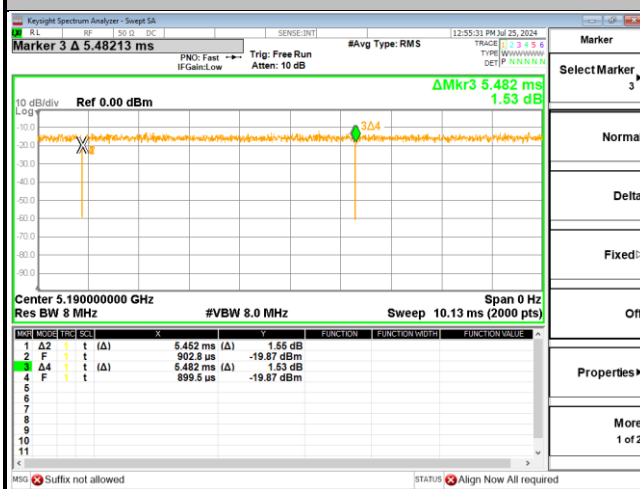
| Antenna | Band                 | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|----------------------|---------------|-------|----------|-------------|
| 1+3     | 802.11a              | 99.40         | -     | -        | 10Hz        |
| 1+3     | 5GHz 802.11be EHT20  | 99.73         | -     | -        | 10Hz        |
| 1+3     | 5GHz 802.11be EHT40  | 99.45         | -     | -        | 10Hz        |
| 1+3     | 5GHz 802.11be EHT80  | 99.56         | -     | -        | 10Hz        |
| 1+3     | 5GHz 802.11be EHT160 | 99.71         | -     | -        | 10Hz        |

MIMO &lt;Ant. 1+3&gt;

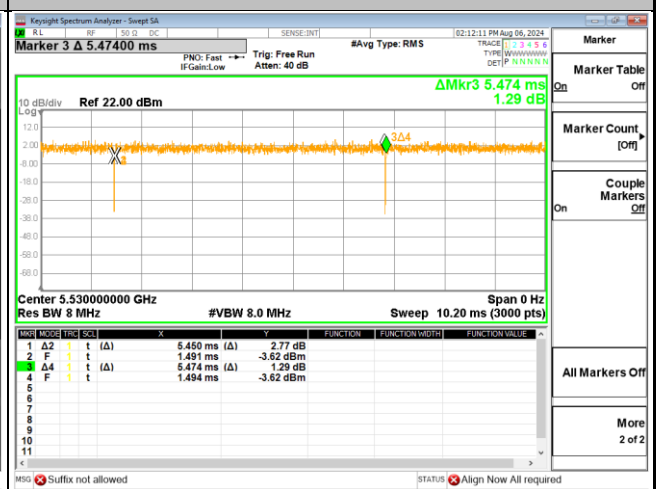




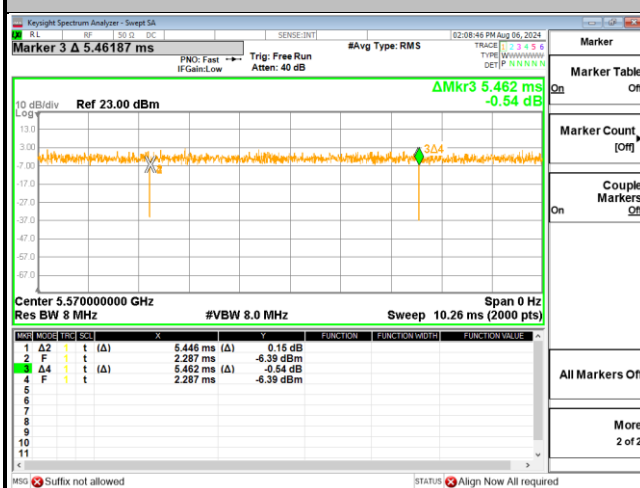
## 5GHz 802.11be EHT40



## 5GHz 802.11be EHT80



## 5GHz 802.11be EHT160

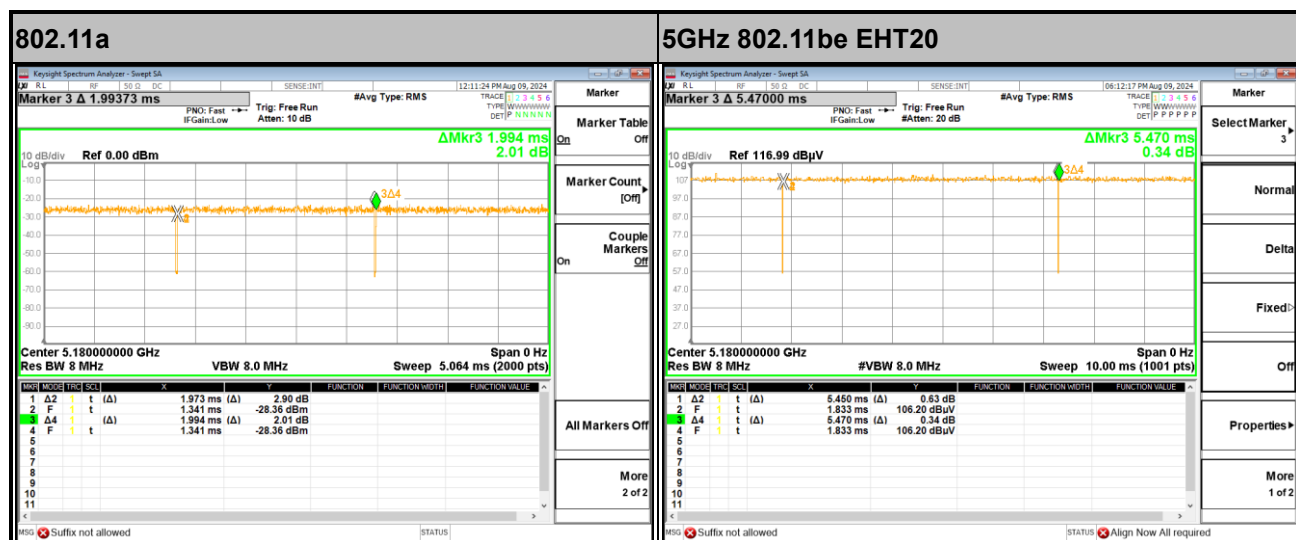




## &lt;4x4 Mode&gt;

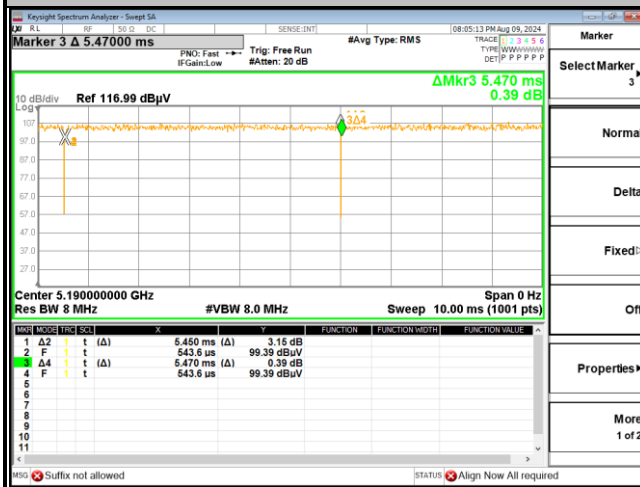
| Antenna | Band                 | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|----------------------|---------------|-------|----------|-------------|
| 1+2+3+4 | 802.11a              | 98.95         | -     | -        | 10Hz        |
| 1+2+3+4 | 5GHz 802.11be EHT20  | 99.63         | -     | -        | 10Hz        |
| 1+2+3+4 | 5GHz 802.11be EHT80  | 99.63         | -     | -        | 10Hz        |
| 1+2+3+4 | 5GHz 802.11be EHT80  | 99.63         | -     | -        | 10Hz        |
| 1+2+3+4 | 5GHz 802.11be EHT160 | 99.63         | -     | -        | 10Hz        |

## MIMO &lt;Ant. 1+2+3+4&gt;

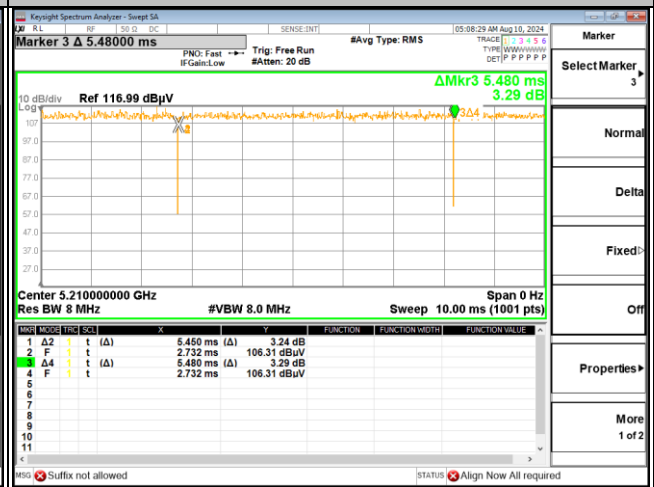




## 5GHz 802.11be EHT40



## 5GHz 802.11be EHT80



## 5GHz 802.11be EHT160

