



## **Appendix C. Radiated Spurious Emission Plots**

### **Note symbol**

|    |                       |
|----|-----------------------|
| -L | Low channel location  |
| -R | High channel location |



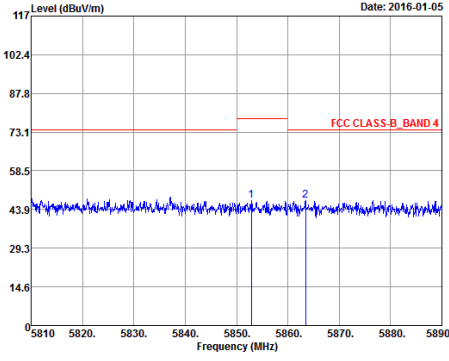
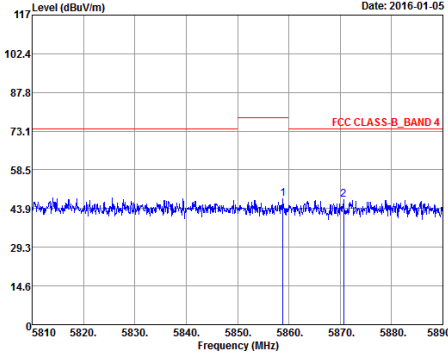
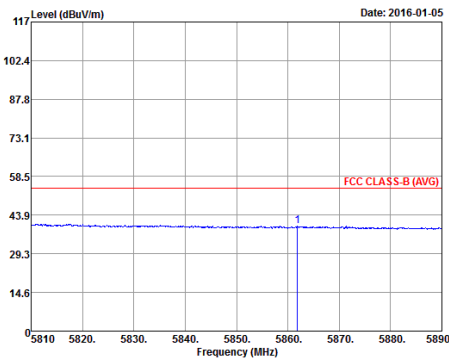
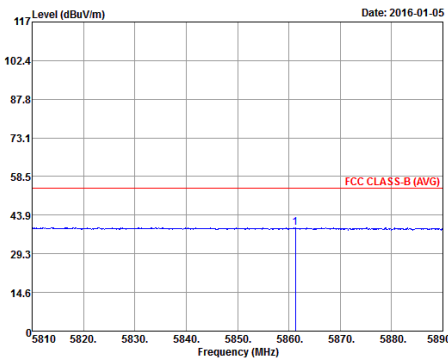
**Band 4 - 5725~5850MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11a CH149 5745MHz   |   |
| 1    | Horizontal  | Vertical  |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p></div>  | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p></div>  |



| WIFI | Band 4 5725~5850MHz Band Edge @ 3m   |  |
|------|--|--|
| ANT  | 802.11a CH157 5785MHz - L  |  |
| 1    | Horizontal   | Vertical   |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     |



| WIFI | Band 4 5725~5850MHz Band Edge @ 3m   |   |
|------|--|---|
| ANT  | 802.11a CH157 5785MHz - R  |   |
| 1    | Horizontal   | Vertical  |
| Peak | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> |
| Avg. | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p>   | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p>   |



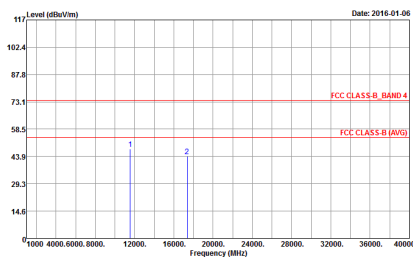
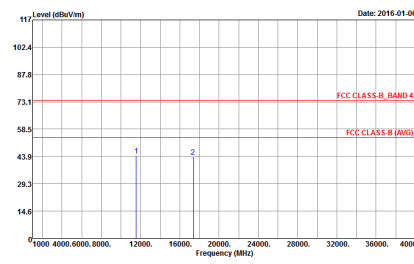
| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11a CH165 5825MHz   |   |
| 1    | Horizontal  | Vertical  |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p></div>  | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p></div>  |



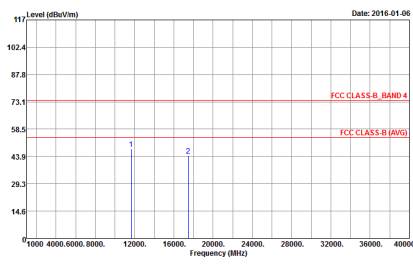
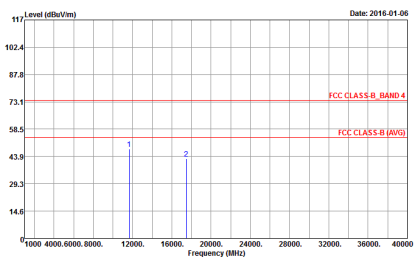
Band 4 - 5725~5850MHz  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m   |   |
|--------------|---|---|
| ANT          | 802.11a CH149 5745MHz   |   |
| 1            | Horizontal  | Vertical  |
| Peak<br>Avg. | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p> | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p> |



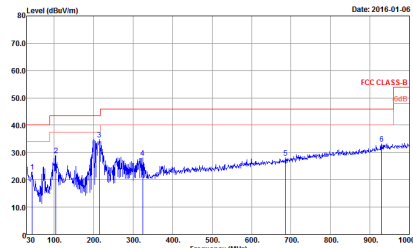
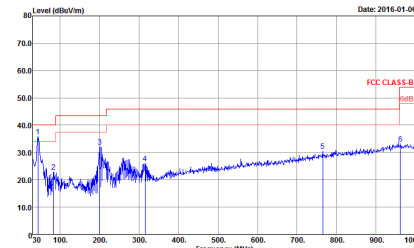
| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m   |  |
|--------------|---|--|
| ANT          | 802.11a CH157 5785MHz   |  |
| 1            | Horizontal  | Vertical   |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p> |



| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m   |  |
|--------------|---|--|
| ANT          | 802.11a CH165 5825MHz   |  |
| 1            | Horizontal  | Vertical   |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p> |

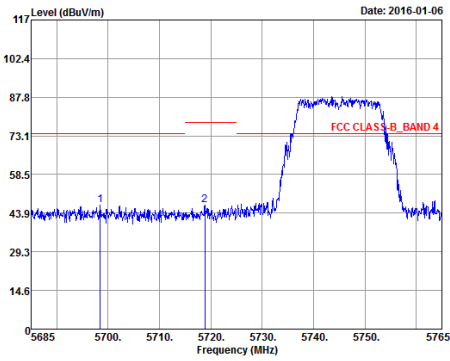
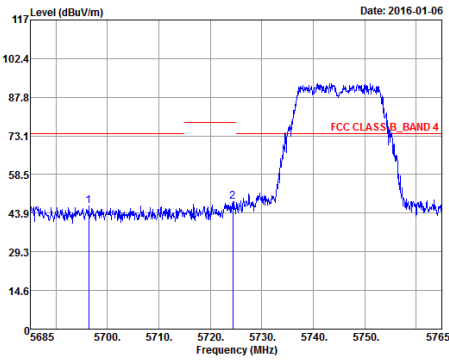
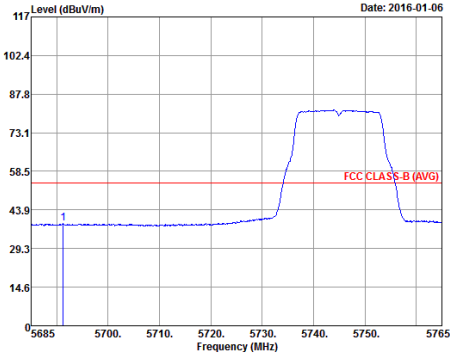
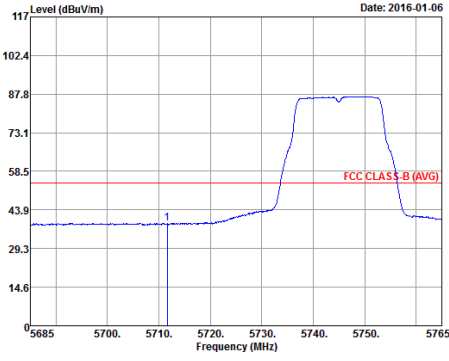


**Emission below 1GHz**  
**5GHz WIFI 802.11a (LF)**

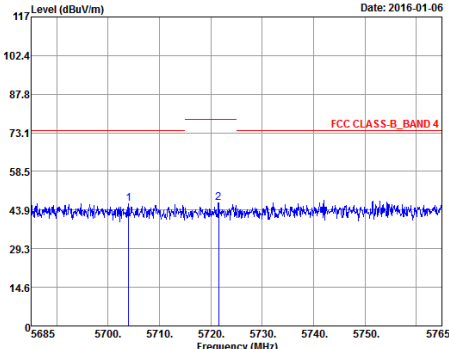
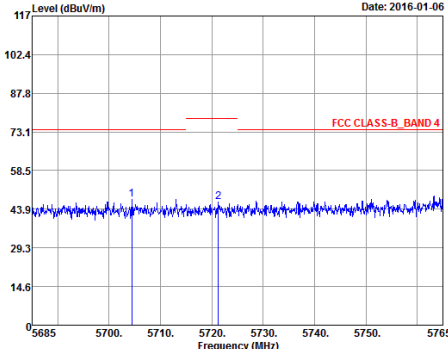
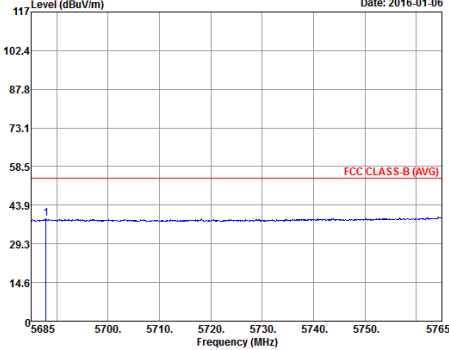
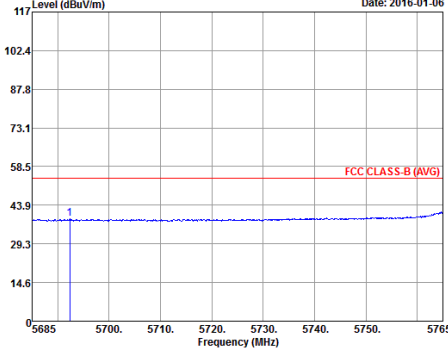
| WIFI         | 5GHz 5725~5850MHz  |   |
|--------------|--|---|
| ANT          | 802.11a LF   |   |
| 1            | Horizontal   | Vertical  |
| QP /<br>Peak |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B 3m BT-LOG 6111D-LF_ETC HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B 3m BT-LOG 6111D-LF_ETC VERTICAL<br/>Detector : Peak</p> |



**Band 4 - 5725~5850MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

| WIFI | Band 4 5725~5850MHz Band Edge @ 3m   |   |
|------|--|---|
| ANT  | 802.11a CH149 5745MHz  |   |
| 2    | Horizontal   | Vertical  |
| Peak | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p> | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p> |
| Avg. | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p> | <p></p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p> |



| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11a CH157 5785MHz - L   |  |
| 2    | Horizontal  | Vertical   |
| Peak | <p>The plot shows the peak level in dBuV/m versus frequency in MHz for the horizontal orientation. The y-axis ranges from 0 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B_BAND 4 limit at 73.1 dBuV/m. Two peaks are identified: Peak 1 at approximately 5700 MHz and Peak 2 at approximately 5720 MHz. The site is 03CH11-HY, the condition is FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL, and the detector is Peak.</p> | <p>The plot shows the peak level in dBuV/m versus frequency in MHz for the vertical orientation. The y-axis ranges from 0 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B_BAND 4 limit at 73.1 dBuV/m. Two peaks are identified: Peak 1 at approximately 5700 MHz and Peak 2 at approximately 5720 MHz. The site is 03CH11-HY, the condition is FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL, and the detector is Peak.</p> |
| Avg. | <p>The plot shows the average level in dBuV/m versus frequency in MHz for the horizontal orientation. The y-axis ranges from 0 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B (AVG) limit at 58.5 dBuV/m. A single peak is identified at approximately 5700 MHz. The site is 03CH11-HY, the condition is FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL, and the detector is Peak.</p>  | <p>The plot shows the average level in dBuV/m versus frequency in MHz for the vertical orientation. The y-axis ranges from 0 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B (AVG) limit at 58.5 dBuV/m. A single peak is identified at approximately 5700 MHz. The site is 03CH11-HY, the condition is FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL, and the detector is Peak.</p>  |



| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11a CH157 5785MHz - R   |   |
| 2    | Horizontal  | Vertical  |
| Peak | <p>Level (dBuV/m) Date: 2016-01-06</p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p> | <p>Level (dBuV/m) Date: 2016-01-06</p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p> |
| Avg. | <p>Level (dBuV/m) Date: 2016-01-06</p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak</p>  | <p>Level (dBuV/m) Date: 2016-01-06</p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak</p>  |



| WIFI | Band 4 5725~5850MHz Band Edge @ 3m   |  |
|------|--|--|
| ANT  | 802.11a CH165 5825MHz  |  |
| 2    | Horizontal   | Vertical   |
| Peak | <div><p>Level (dBuV/m)</p><p>Date: 2016-01-06</p><p>Frequency (MHz)</p><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2016-01-06</p><p>Frequency (MHz)</p><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2016-01-06</p><p>Frequency (MHz)</p><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     | <div><p>Level (dBuV/m)</p><p>Date: 2016-01-06</p><p>Frequency (MHz)</p><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     |



Band 4 - 5725~5850MHz  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m   |   |
|--------------|---|---|
| ANT          | 802.11a CH149 5745MHz   |   |
| 2            | Horizontal  | Vertical  |
| Peak<br>Avg. | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p> | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p> |



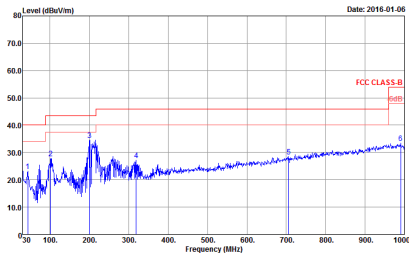
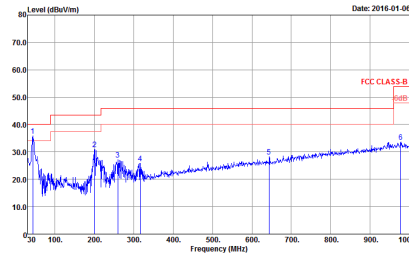
| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m  |  |
|--------------|--|--|
| ANT          | 802.11a CH157 5785MHz  |  |
| 2            | Horizontal   | Vertical   |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p></div> |



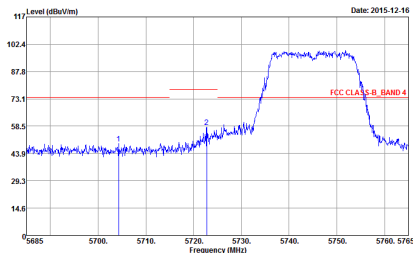
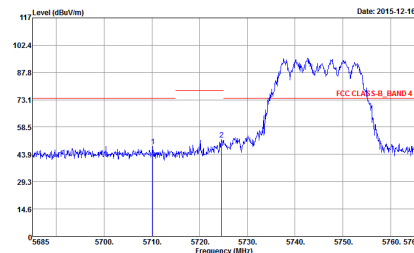
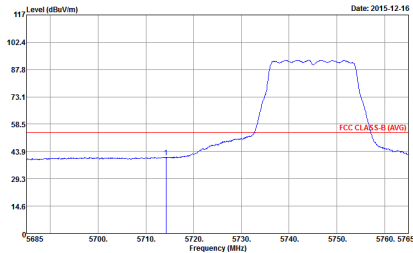
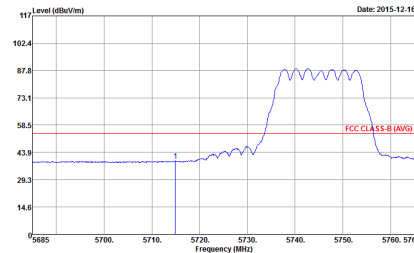
| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m  |  |
|--------------|--|--|
| ANT          | 802.11a CH165 5825MHz  |  |
| 2            | Horizontal   | Vertical   |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p></div> |



**Emission below 1GHz**  
**5GHz WIFI 802.11a (LF)**

| WIFI                 | 5GHz 5725~5850MHz  |   |
|----------------------|--|---|
| ANT                  | 802.11a LF   |   |
| 2                    | Horizontal   | Vertical  |
| <b>QP /<br/>Peak</b> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B 3m BT-LO6 6111D-LF_ETC HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B 3m BT-LO6 6111D-LF_ETC VERTICAL<br/> Detector : Peak</p> |
|                      |  |   |

**Band 4 5725~5850MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

| WIFI        | Band 4 5725~5850MHz Band Edge @ 3m   |   |
|-------------|--|---|
| ANT         | 802.11n HT20 CH149 5745MHz   |   |
| 1+2         | Horizontal   | Vertical  |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/> RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/> Detector : Peak</p> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/> RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/> Detector : Peak</p> |
| <b>Avg.</b> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/> RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/> Detector : Peak</p>   |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/> RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/> Detector : Peak</p>   |

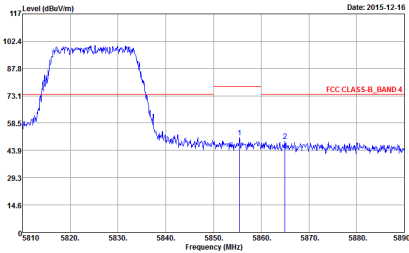
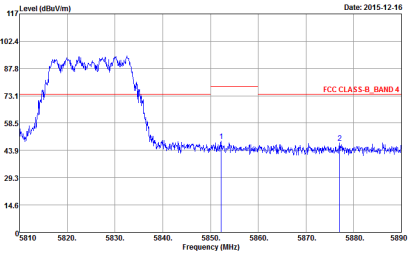
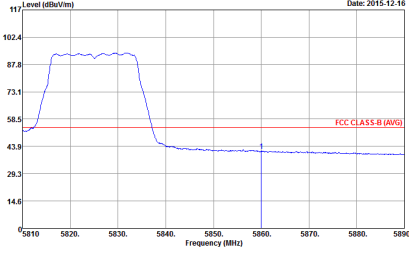
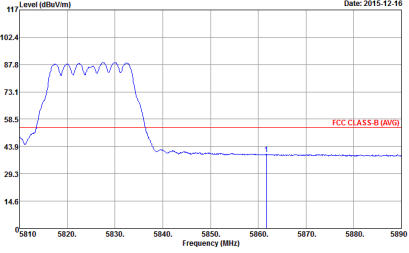


| WIFI | Band 4 5725~5850MHz Band Edge @ 3m   |  |
|------|--|--|
| ANT  | 802.11n HT20 CH157 5785MHz - L   |  |
| 1+2  | Horizontal   | Vertical   |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     |

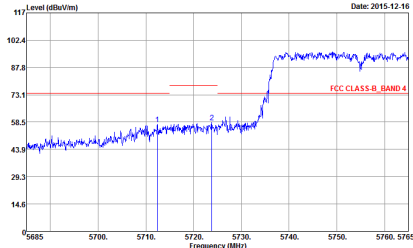
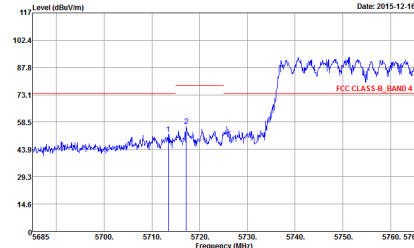
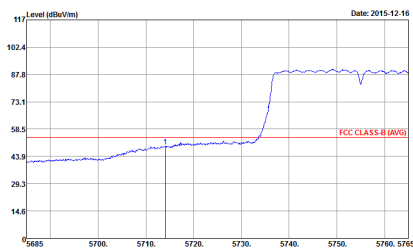
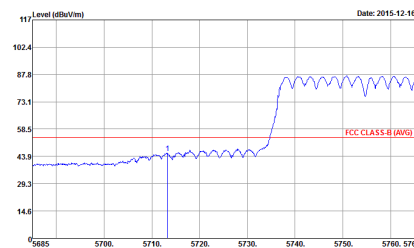


| WIFI | Band 4 5725~5850MHz Band Edge @ 3m   |  |
|------|--|--|
| ANT  | 802.11n HT20 CH157 5785MHz - R   |  |
| 1+2  | Horizontal   | Vertical   |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>     |



| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11n HT20 CH165 5825MHz  |  |
| 1+2  | Horizontal  | Vertical   |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>   | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br/>Detector : Peak</p></div>   |

**Band 4 5725~5850MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

| WIFI        | Band 4 5725~5850MHz Band Edge @ 3m   |   |
|-------------|--|---|
| ANT         | 802.11n HT40 CH151 5755MHz - L   |   |
| 1+2         | Horizontal   | Vertical  |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/> RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/> Detector : Peak</p> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/> RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/> Detector : Peak</p> |
| <b>Avg.</b> |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/> RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/> Detector : Peak</p>   |  <p>Site : 03CH11-HY<br/> Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/> RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/> Detector : Peak</p>   |



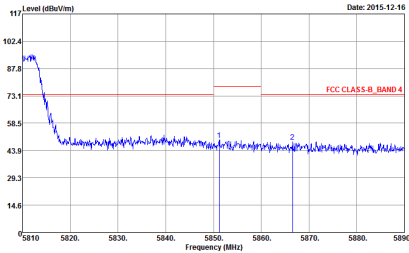
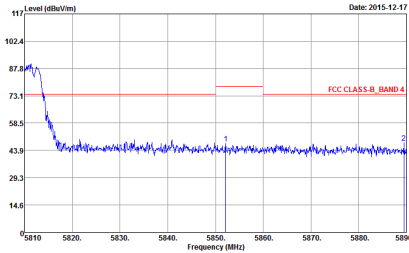
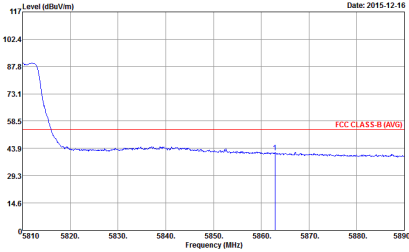
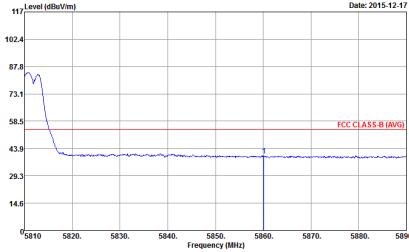
| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11n HT40 CH151 5755MHz - R  |   |
| 1+2  | Horizontal  | Vertical  |
| Peak | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/>Detector : Peak</p>     | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/>Detector : Peak</p>     |



| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11n HT40 CH159 5795MHz - L  |   |
| 1+2  | Horizontal  | Vertical  |
| Peak | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/>Detector : Peak</p>     | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/>Detector : Peak</p>     |





| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11n HT40 CH159 5795MHz - R  |  |
| 1+2  | Horizontal  | Vertical   |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/>Detector : Peak</p></div>   | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br/>Detector : Peak</p></div>   |



Band 4 5725~5850MHz  
WIFI 802.11ac VHT80 (Band Edge @ 3m)

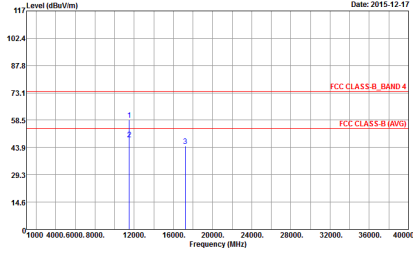
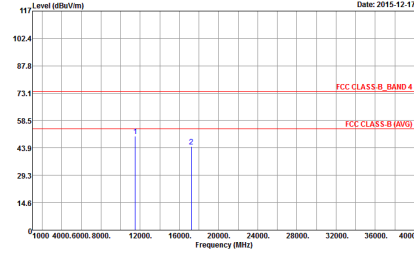
| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ac VHT80 CH155 5775MHz - L  |   |
| 1+2  | Horizontal  | Vertical  |
| Peak | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:10.000KHz SWT:Auto<br/>Detector : Peak</p>    | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:10.000KHz SWT:Auto<br/>Detector : Peak</p>    |



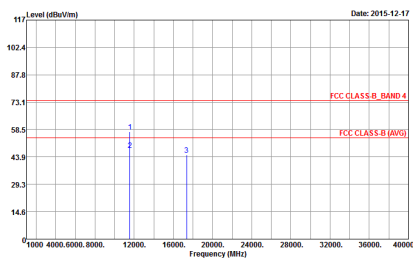
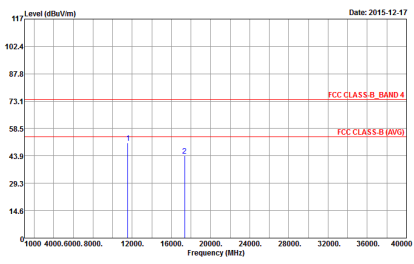
| WIFI | Band 4 5725~5850MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ac VHT80 CH155 5775MHz - R  |   |
| 1+2  | Horizontal  | Vertical  |
| Peak | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:10.000KHz SWT:Auto<br/>Detector : Peak</p>    | <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:10.000KHz SWT:Auto<br/>Detector : Peak</p>    |



Band 4 5725~5850MHz  
WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m  |   |
|--------------|--|---|
| ANT          | 802.11n HT20 CH149 5745MHz   |   |
| 1+2          | Horizontal   | Vertical  |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p> |



| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m   |  |
|--------------|---|--|
| ANT          | 802.11n HT20 CH157 5785MHz  |  |
| 1+2          | Horizontal  | Vertical   |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p></div> |



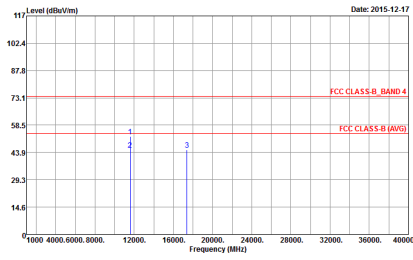
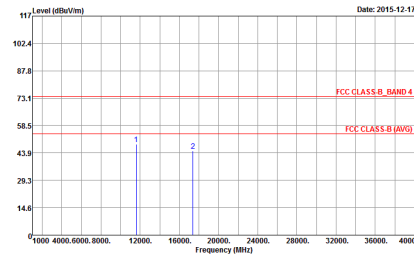
| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m  |  |
|--------------|--|--|
| ANT          | 802.11n HT20 CH165 5825MHz   |  |
| 1+2          | Horizontal   | Vertical   |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2015-12-17</p><p>Frequency (MHz)</p><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2015-12-17</p><p>Frequency (MHz)</p><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p></div> |



Band 4 5725~5850MHz  
WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m  |  |
|--------------|--|--|
| ANT          | 802.11n HT40 CH151 5755MHz   |  |
| 1+2          | Horizontal   | Vertical   |
| Peak<br>Avg. | <p>Horizontal Peak and Average spectrum plot. The y-axis is Level (dBuV/m) from 0 to 117. The x-axis is Frequency (MHz) from 0 to 40000. Two horizontal red lines represent FCC CLASS-B BAND 4 (73.1 dBuV/m) and FCC CLASS-B (AVG) (58.5 dBuV/m). Three blue vertical lines are labeled 1, 2, and 3. Line 1 is at approximately 12000 MHz, line 2 is at approximately 12500 MHz, and line 3 is at approximately 17000 MHz. All three lines are below the 58.5 dBuV/m line.</p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p> | <p>Vertical Peak and Average spectrum plot. The y-axis is Level (dBuV/m) from 0 to 117. The x-axis is Frequency (MHz) from 0 to 40000. Two horizontal red lines represent FCC CLASS-B BAND 4 (73.1 dBuV/m) and FCC CLASS-B (AVG) (58.5 dBuV/m). Two blue vertical lines are labeled 1 and 2. Line 1 is at approximately 12000 MHz and line 2 is at approximately 17000 MHz. Both lines are below the 58.5 dBuV/m line.</p> <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p> |

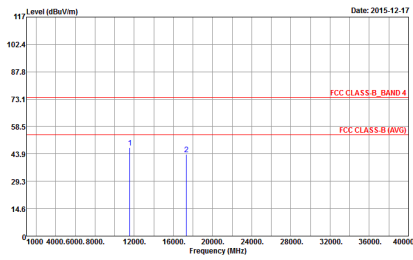
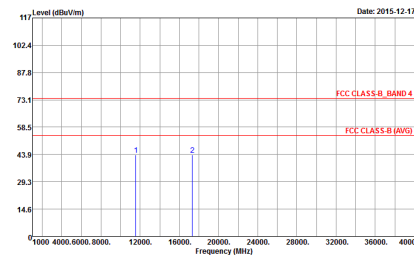


| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m   |  |
|--------------|---|--|
| ANT          | 802.11n HT40 CH159 5795MHz  |  |
| 1+2          | Horizontal  | Vertical   |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p></div> |



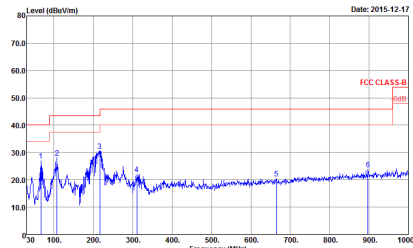
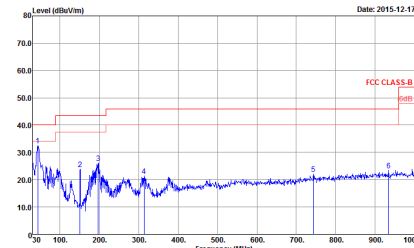


Band 4 5725~5850MHz  
WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI         | Band 4 5725~5850MHz Harmonic @ 3m  |   |
|--------------|--|---|
| ANT          | 802.11ac VHT80 CH155 5775MHz   |   |
| 1+2          | Horizontal   | Vertical  |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B_BAND 4 3m 9170 SHF HORM_150809 VERTICAL<br/>Detector : Peak</p> |



Emission below 1GHz  
5GHz WIFI 802.11ac VHT80 (LF)

| WIFI         | 5GHz 5725~5850MHz  |   |
|--------------|--|---|
| ANT          | 802.11ac VHT80 LF  |   |
| 1+2          | Horizontal   | Vertical  |
| QP /<br>Peak |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B 3m CBL6112 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH11-HY<br/>Condition : FCC CLASS-B 3m CBL6112 VERTICAL<br/>Detector : Peak</p> |
|              |  |   |