



## Appendix B. Radiated Spurious Emission

|                        |                                    |                            |         |
|------------------------|------------------------------------|----------------------------|---------|
| <b>Test Engineer :</b> | Ken Wu, Jesse Wang, and James Chiu | <b>Temperature :</b>       | 21~24°C |
|                        |                                    | <b>Relative Humidity :</b> | 50~54%  |

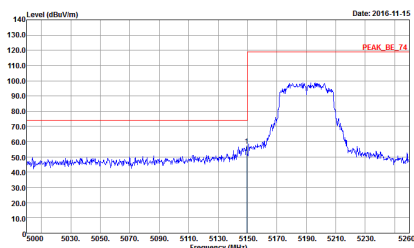
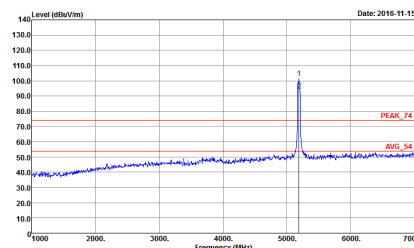
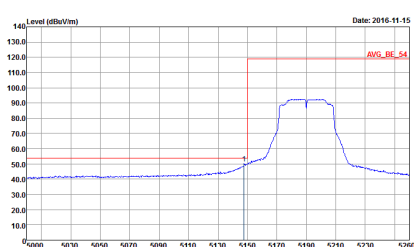
### Note symbol

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

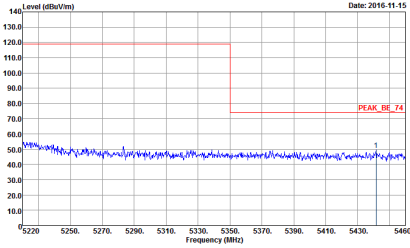
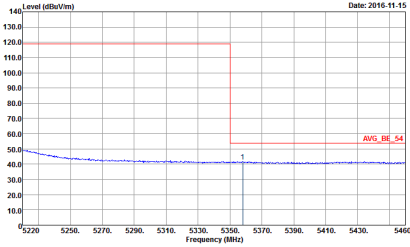


## Band 1 - 5150~5250MHz

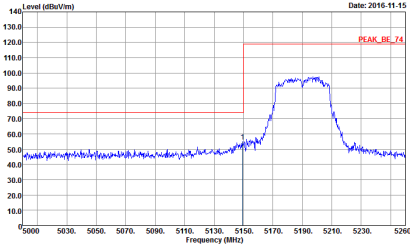
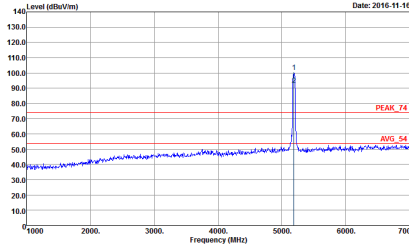
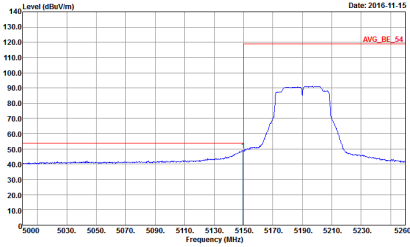
## WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH38 5190MHz - L                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                              |
| 1    | Horizontal                                                                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                                                                  |
| Peak |  <p>Site : 03CH07-HY<br/>Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL<br/>Detector : RBW:1000 000kHz VSW:3000 000kHz SWT:Auto<br/>Project : SN2711-09<br/>Mode : 42</p>  |  <p>Site : 03CH07-HY<br/>Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL<br/>Detector : RBW:1000 000kHz VSW:3000 000kHz SWT:Auto<br/>Project : SN2711-09<br/>Mode : 42</p> |
| Avg. |  <p>Site : 03CH07-HY<br/>Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL<br/>Detector : RBW:1000 000kHz VSW:3000 000kHz SWT:Auto<br/>Project : SN2711-09<br/>Mode : 42</p> | Left blank                                                                                                                                                                                                                                                   |

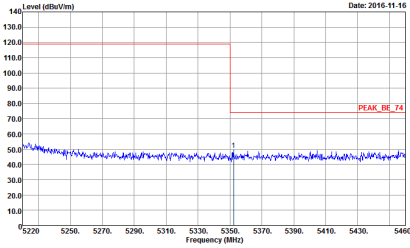
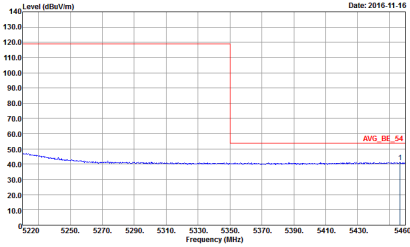


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                                   |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH38 5190MHz - R                                                                                                                                                                                                                                                        |             |
| 1    | Horizontal                                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH07-HY<br/>Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL<br/>RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto<br/>Detector : Peak<br/>Project : 5N2711-09<br/>Mode : 42</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH07-HY<br/>Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL<br/>RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto<br/>Detector : Peak<br/>Project : 5N2711-09<br/>Mode : 42</p></div>   | Left blank  |



| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                               |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH38 5190MHz - L                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                               |
| 1    | Vertical                                                                                                                                                                                                                                                                         | Fundamental                                                                                                                                                                                                                                                                   |
| Peak | <div><p>Site : 03CH07-HY<br/>Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br/>Detector : Peak<br/>Project : SN2711-09<br/>Mode : 42</p></div>  | <div><p>Site : 03CH07-HY<br/>Condition : PEAK_74 3m HF-ANT_130829 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br/>Detector : Peak<br/>Project : SN2711-09<br/>Mode : 42</p></div> |
| Avg. | <div><p>Site : 03CH07-HY<br/>Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br/>Detector : Peak<br/>Project : SN2711-09<br/>Mode : 42</p></div> | Left blank                                                                                                                                                                                                                                                                    |



| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                              |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH38 5190MHz - R                                                                                                                                                                                                                                                   |             |
| 1    | Vertical                                                                                                                                                                                                                                                                        | Fundamental |
| Peak | <div><p>Site : 03CH07-HY<br/>Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br/>Detector : Peak<br/>Project : 5N2711-09<br/>Mode : 42</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH07-HY<br/>Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL<br/>RBW:1000.000kHz VBW:3.000kHz SWT:Auto<br/>Detector : Peak<br/>Project : 5N2711-09<br/>Mode : 42</p></div>   | Left blank  |



Band 1 - 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

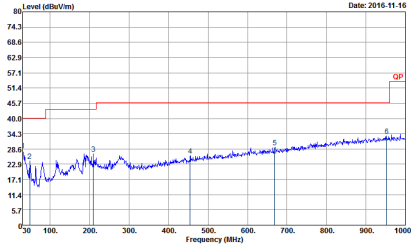
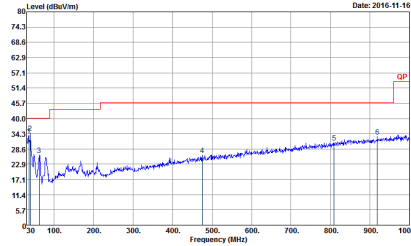
| WIFI         | Band 1 5150~5250MHz Harmonic @ 3m                                                                                  |                                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11n HT40 CH38 5190MHz                                                                                          |                                                                                                                  |
| 1            | Horizontal                                                                                                         | Vertical                                                                                                         |
| Peak<br>Avg. | <p>Site : 03CH074HY<br/>Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL<br/>Project : 5N2711-09<br/>Mode : 42</p> | <p>Site : 03CH074HY<br/>Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL<br/>Project : 5N2711-09<br/>Mode : 42</p> |



Band 1 5150~5250MHz

Emission below 1GHz

5GHz WIFI 802.11n HT40 (LF)

| WIFI         | 5GHz WIFI                                                                                                                                                                                                            |                                                                                                                                                                                                                     |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11n HT40 LF                                                                                                                                                                                                      |                                                                                                                                                                                                                     |
| 1            | Horizontal                                                                                                                                                                                                           | Vertical                                                                                                                                                                                                            |
| QP /<br>Peak |  <p>Site : 03CH07-HY<br/>Condition : QP 3m LF-ANT-35419(6) HORIZONTAL<br/>Detector : Peak<br/>Project : 5N2711-09<br/>Mode : 73</p> |  <p>Site : 03CH07-HY<br/>Condition : QP 3m LF-ANT-35419(6) VERTICAL<br/>Detector : Peak<br/>Project : 5N2711-09<br/>Mode : 73</p> |
|              |                                                                                                                                                                                                                      |                                                                                                                                                                                                                     |