

| Mode                              | Frequency<br>(MHz) | Spectrum<br>Analyzer<br>Detector | Ant.<br>Pol.<br>(H/V) | Preampl.<br>Gain<br>(dB) | Correction<br>Factor<br>(dB/m) | Reading<br>(dBμV) | Corrected<br>Reading<br>(dBμV/m) | Limit<br>@ 3 m<br>(dBμV/m) | Margin<br>(dB) |
|-----------------------------------|--------------------|----------------------------------|-----------------------|--------------------------|--------------------------------|-------------------|----------------------------------|----------------------------|----------------|
| 802.11a ,<br>Ch165 , Chain1       | 11650              | AV                               | H                     | 35.72                    | 22.96                          | 24.11             | 47.07                            | 54.00                      | -6.93          |
|                                   | 11650              | PK                               | H                     | 35.72                    | 22.96                          | 33.74             | 56.70                            | 74.00                      | -17.30         |
|                                   | 11650              | AV                               | V                     | 35.72                    | 22.96                          | 26.13             | 49.09                            | 54.00                      | -4.91          |
|                                   | 11650              | PK                               | V                     | 35.72                    | 22.96                          | 35.89             | 58.85                            | 74.00                      | -15.15         |
| 802.11n(HT20) ,<br>Ch36 , Chain0  | 10360              | PK                               | V                     | 35.77                    | 20.38                          | 32.68             | 53.06                            | 68.20                      | -15.14         |
|                                   | 10360              | PK                               | H                     | 35.77                    | 20.38                          | 32.72             | 53.10                            | 68.20                      | -15.10         |
| 802.11n(HT20) ,<br>Ch44 , Chain0  | 10440              | PK                               | V                     | 35.73                    | 20.90                          | 32.28             | 53.18                            | 68.20                      | -15.02         |
|                                   | 10440              | PK                               | H                     | 35.73                    | 20.90                          | 32.24             | 53.14                            | 68.20                      | -15.06         |
| 802.11n(HT20) ,<br>Ch48 , Chain0  | 10480              | PK                               | V                     | 35.71                    | 21.16                          | 33.23             | 54.39                            | 68.20                      | -13.81         |
|                                   | 10480              | PK                               | H                     | 35.71                    | 21.16                          | 33.02             | 54.18                            | 68.20                      | -14.02         |
| 802.11n(HT20) ,<br>Ch52 , Chain0  | 10520              | PK                               | V                     | 35.70                    | 21.37                          | 33.29             | 54.66                            | 68.20                      | -13.54         |
|                                   | 10520              | PK                               | H                     | 35.70                    | 21.37                          | 32.78             | 54.15                            | 68.20                      | -14.05         |
| 802.11n(HT20) ,<br>Ch60 , Chain0  | 10600              | AV                               | V                     | 35.71                    | 21.68                          | 24.33             | 46.01                            | 54.00                      | -7.99          |
|                                   | 10600              | PK                               | V                     | 35.71                    | 21.68                          | 32.99             | 54.67                            | 74.00                      | -19.33         |
|                                   | 10600              | AV                               | H                     | 35.71                    | 21.68                          | 24.33             | 46.01                            | 54.00                      | -7.99          |
|                                   | 10600              | PK                               | H                     | 35.71                    | 21.68                          | 33.50             | 55.18                            | 74.00                      | -18.82         |
| 802.11n(HT20) ,<br>Ch64 , Chain0  | 10318              | PK                               | V                     | 35.79                    | 20.11                          | 34.96             | 55.07                            | 68.20                      | -13.13         |
|                                   | 10364              | PK                               | H                     | 35.77                    | 20.41                          | 35.18             | 55.59                            | 68.20                      | -12.61         |
| 802.11n(HT20) ,<br>Ch100 , Chain0 | 11000              | AV                               | V                     | 35.73                    | 23.22                          | 24.10             | 47.32                            | 54.00                      | -6.68          |
|                                   | 11000              | PK                               | V                     | 35.73                    | 23.22                          | 33.00             | 56.22                            | 74.00                      | -17.78         |
|                                   | 11000              | AV                               | H                     | 35.73                    | 23.22                          | 23.87             | 47.09                            | 54.00                      | -6.91          |
|                                   | 11000              | PK                               | H                     | 35.73                    | 23.22                          | 32.90             | 56.12                            | 74.00                      | -17.88         |
| 802.11n(HT20) ,<br>Ch120 , Chain0 | 11200              | AV                               | V                     | 35.74                    | 23.22                          | 23.63             | 46.85                            | 54.00                      | -7.15          |
|                                   | 11200              | PK                               | V                     | 35.74                    | 23.22                          | 33.11             | 56.33                            | 74.00                      | -17.67         |
|                                   | 11200              | AV                               | H                     | 35.74                    | 23.22                          | 22.46             | 45.68                            | 54.00                      | -8.32          |
|                                   | 11200              | PK                               | H                     | 35.74                    | 23.22                          | 32.65             | 55.87                            | 74.00                      | -18.13         |
| 802.11n(HT20) ,<br>Ch140 , Chain0 | 11400              | AV                               | V                     | 35.75                    | 23.22                          | 23.86             | 47.08                            | 54.00                      | -6.92          |
|                                   | 11400              | PK                               | V                     | 35.75                    | 23.22                          | 33.26             | 56.48                            | 74.00                      | -17.52         |
|                                   | 11400              | AV                               | H                     | 35.75                    | 23.22                          | 24.45             | 47.67                            | 54.00                      | -6.33          |
|                                   | 11400              | PK                               | H                     | 35.75                    | 23.22                          | 33.87             | 57.09                            | 74.00                      | -16.91         |
| 802.11n(HT20) ,<br>Ch149 , Chain0 | 11490              | AV                               | V                     | 35.76                    | 23.22                          | 24.36             | 47.58                            | 54.00                      | -6.42          |
|                                   | 11490              | PK                               | V                     | 35.76                    | 23.22                          | 33.89             | 57.11                            | 74.00                      | -16.89         |
|                                   | 11490              | AV                               | H                     | 35.76                    | 23.22                          | 25.90             | 49.12                            | 54.00                      | -4.88          |
|                                   | 11490              | PK                               | H                     | 35.76                    | 23.22                          | 35.60             | 58.82                            | 74.00                      | -15.18         |
| 802.11n(HT20) ,<br>Ch157 , Chain0 | 11570              | AV                               | V                     | 35.74                    | 23.10                          | 23.48             | 46.58                            | 54.00                      | -7.42          |
|                                   | 11570              | PK                               | V                     | 35.74                    | 23.10                          | 33.11             | 56.21                            | 74.00                      | -17.79         |
|                                   | 11570              | AV                               | H                     | 35.74                    | 23.10                          | 26.11             | 49.21                            | 54.00                      | -4.79          |
|                                   | 11570              | PK                               | H                     | 35.74                    | 23.10                          | 36.54             | 59.64                            | 74.00                      | -14.36         |

| Mode                                   | Frequency<br>(MHz) | Spectrum<br>Analyzer<br>Detector | Ant.<br>Pol.<br>(H/V) | Preampl.<br>Gain<br>(dB) | Correction<br>Factor<br>(dB/m) | Reading<br>(dBμV) | Corrected<br>Reading<br>(dBμV/m) | Limit<br>@ 3 m<br>(dBμV/m) | Margin<br>(dB) |
|----------------------------------------|--------------------|----------------------------------|-----------------------|--------------------------|--------------------------------|-------------------|----------------------------------|----------------------------|----------------|
| 802.11n(HT20) ,<br>Ch165 , Chain0      | 11650              | AV                               | V                     | 35.72                    | 22.96                          | 24.65             | 47.61                            | 54.00                      | -6.39          |
|                                        | 11650              | PK                               | V                     | 35.72                    | 22.96                          | 34.80             | 57.76                            | 74.00                      | -16.24         |
|                                        | 11650              | AV                               | H                     | 35.72                    | 22.96                          | 24.86             | 47.82                            | 54.00                      | -6.18          |
|                                        | 11650              | PK                               | H                     | 35.72                    | 22.96                          | 34.60             | 57.56                            | 74.00                      | -16.44         |
| 802.11n(HT20) ,<br>Ch36 , Chain0+1     | 10360              | PK                               | V                     | 35.77                    | 20.38                          | 32.89             | 53.27                            | 68.20                      | -14.93         |
|                                        | 10360              | PK                               | H                     | 35.77                    | 20.38                          | 32.25             | 52.63                            | 68.20                      | -15.57         |
| 802.11n(HT20) ,<br>Ch44 , Chain0+1     | 10440              | PK                               | V                     | 35.73                    | 20.90                          | 32.03             | 52.93                            | 68.20                      | -15.27         |
|                                        | 10440              | PK                               | H                     | 35.73                    | 20.90                          | 32.20             | 53.10                            | 68.20                      | -15.10         |
| 802.11n(HT20) ,<br>Ch48 , Chain0+1     | 10480              | PK                               | V                     | 35.71                    | 21.16                          | 34.05             | 55.21                            | 68.20                      | -12.99         |
|                                        | 10480              | PK                               | H                     | 35.71                    | 21.16                          | 33.47             | 54.63                            | 68.20                      | -13.57         |
| 802.11n(HT20) ,<br>Ch52 , Chain0+1     | 10520              | PK                               | V                     | 35.70                    | 21.37                          | 32.53             | 53.90                            | 68.20                      | -14.30         |
|                                        | 10520              | PK                               | H                     | 35.70                    | 21.37                          | 33.35             | 54.72                            | 68.20                      | -13.48         |
| 802.11n(HT20) ,<br>Ch60 , Chain0+1     | 10600              | AV                               | V                     | 35.71                    | 21.68                          | 23.45             | 45.13                            | 54.00                      | -8.87          |
|                                        | 10600              | PK                               | V                     | 35.71                    | 21.68                          | 33.03             | 54.71                            | 74.00                      | -19.29         |
|                                        | 10600              | AV                               | H                     | 35.71                    | 21.68                          | 25.42             | 47.10                            | 54.00                      | -6.90          |
|                                        | 10600              | PK                               | H                     | 35.71                    | 21.68                          | 34.04             | 55.72                            | 74.00                      | -18.28         |
| 802.11n(HT20) ,<br>Ch64 , Chain0+1     | 10502              | PK                               | V                     | 35.70                    | 21.30                          | 35.41             | 56.71                            | 68.20                      | -11.49         |
|                                        | 10456              | PK                               | H                     | 35.72                    | 21.01                          | 35.35             | 56.36                            | 68.20                      | -11.84         |
| 802.11n(HT20) ,<br>Ch100 ,<br>Chain0+1 | 11000              | AV                               | V                     | 35.73                    | 23.22                          | 23.89             | 47.11                            | 54.00                      | -6.89          |
|                                        | 11000              | PK                               | V                     | 35.73                    | 23.22                          | 32.95             | 56.17                            | 74.00                      | -17.83         |
|                                        | 11000              | AV                               | H                     | 35.73                    | 23.22                          | 23.62             | 46.84                            | 54.00                      | -7.16          |
|                                        | 11000              | PK                               | H                     | 35.73                    | 23.22                          | 32.94             | 56.16                            | 74.00                      | -17.84         |
| 802.11n(HT20) ,<br>Ch120 ,<br>Chain0+1 | 11200              | AV                               | V                     | 35.74                    | 23.22                          | 23.98             | 47.20                            | 54.00                      | -6.80          |
|                                        | 11200              | PK                               | V                     | 35.74                    | 23.22                          | 33.40             | 56.62                            | 74.00                      | -17.38         |
|                                        | 11200              | AV                               | H                     | 35.74                    | 23.22                          | 23.63             | 46.85                            | 54.00                      | -7.15          |
|                                        | 11200              | PK                               | H                     | 35.74                    | 23.22                          | 33.42             | 56.64                            | 74.00                      | -17.36         |
| 802.11n(HT20) ,<br>Ch140 ,<br>Chain0+1 | 11400              | AV                               | V                     | 35.75                    | 23.22                          | 23.99             | 47.21                            | 54.00                      | -6.79          |
|                                        | 11400              | PK                               | V                     | 35.75                    | 23.22                          | 33.96             | 57.18                            | 74.00                      | -16.82         |
|                                        | 11400              | AV                               | H                     | 35.75                    | 23.22                          | 24.64             | 47.86                            | 54.00                      | -6.14          |
|                                        | 11400              | PK                               | H                     | 35.75                    | 23.22                          | 34.36             | 57.58                            | 74.00                      | -16.42         |
| 802.11n(HT20) ,<br>Ch149 ,<br>Chain0+1 | 11490              | AV                               | V                     | 35.76                    | 23.22                          | 28.66             | 51.88                            | 54.00                      | -2.12          |
|                                        | 11490              | PK                               | V                     | 35.76                    | 23.22                          | 38.18             | 61.40                            | 74.00                      | -12.60         |
|                                        | 11490              | AV                               | H                     | 35.76                    | 23.22                          | 30.37             | 53.59                            | 54.00                      | -0.41          |
|                                        | 11490              | PK                               | H                     | 35.76                    | 23.22                          | 41.12             | 64.34                            | 74.00                      | -9.66          |
| 802.11n(HT20) ,<br>Ch157 ,<br>Chain0+1 | 11570              | AV                               | V                     | 35.74                    | 23.10                          | 26.49             | 49.59                            | 54.00                      | -4.41          |
|                                        | 11570              | PK                               | V                     | 35.74                    | 23.10                          | 36.28             | 59.38                            | 74.00                      | -14.62         |
|                                        | 11570              | AV                               | H                     | 35.74                    | 23.10                          | 30.66             | 53.76                            | 54.00                      | -0.24          |
|                                        | 11570              | PK                               | H                     | 35.74                    | 23.10                          | 40.95             | 64.05                            | 74.00                      | -9.95          |

| Mode                                   | Frequency<br>(MHz) | Spectrum<br>Analyzer<br>Detector | Ant.<br>Pol.<br>(H/V) | Preamplifier<br>Gain<br>(dB) | Correction<br>Factor<br>(dB/m) | Reading<br>(dBμV) | Corrected<br>Reading<br>(dBμV/m) | Limit<br>@ 3 m<br>(dBμV/m) | Margin<br>(dB) |
|----------------------------------------|--------------------|----------------------------------|-----------------------|------------------------------|--------------------------------|-------------------|----------------------------------|----------------------------|----------------|
| 802.11n(HT20) ,<br>Ch165 ,<br>Chain0+1 | 11650              | AV                               | V                     | 35.72                        | 22.96                          | 30.23             | 53.19                            | 54.00                      | -0.81          |
|                                        | 11650              | PK                               | V                     | 35.72                        | 22.96                          | 39.59             | 62.55                            | 74.00                      | -11.45         |
|                                        | 11650              | AV                               | H                     | 35.72                        | 22.96                          | 30.91             | 53.87                            | 54.00                      | -0.13          |
|                                        | 11650              | PK                               | H                     | 35.72                        | 22.96                          | 41.88             | 64.84                            | 74.00                      | -9.16          |
| 802.11n(HT20) ,<br>Ch36 , Chain1       | 10360              | PK                               | V                     | 35.77                        | 20.38                          | 33.10             | 53.48                            | 68.20                      | -14.72         |
|                                        | 10360              | PK                               | H                     | 35.77                        | 20.38                          | 32.05             | 52.43                            | 68.20                      | -15.77         |
| 802.11n(HT20) ,<br>Ch44 , Chain1       | 10440              | PK                               | V                     | 35.73                        | 20.90                          | 32.60             | 53.50                            | 68.20                      | -14.70         |
|                                        | 10440              | PK                               | H                     | 35.73                        | 20.90                          | 33.33             | 54.23                            | 68.20                      | -13.97         |
| 802.11n(HT20) ,<br>Ch48 , Chain1       | 10480              | PK                               | V                     | 35.71                        | 21.16                          | 33.71             | 54.87                            | 68.20                      | -13.33         |
|                                        | 10480              | PK                               | H                     | 35.71                        | 21.16                          | 34.39             | 55.55                            | 68.20                      | -12.65         |
| 802.11n(HT20) ,<br>Ch52 , Chain1       | 10520              | PK                               | V                     | 35.70                        | 21.37                          | 33.45             | 54.82                            | 68.20                      | -13.38         |
|                                        | 10520              | PK                               | H                     | 35.70                        | 21.37                          | 33.34             | 54.71                            | 68.20                      | -13.49         |
| 802.11n(HT20) ,<br>Ch60 , Chain1       | 10600              | AV                               | V                     | 35.71                        | 21.68                          | 24.52             | 46.20                            | 54.00                      | -7.80          |
|                                        | 10600              | PK                               | V                     | 35.71                        | 21.68                          | 33.94             | 55.62                            | 74.00                      | -18.38         |
|                                        | 10600              | AV                               | H                     | 35.71                        | 21.68                          | 24.00             | 45.68                            | 54.00                      | -8.32          |
|                                        | 10600              | PK                               | H                     | 35.71                        | 21.68                          | 33.76             | 55.44                            | 74.00                      | -18.56         |
| 802.11n(HT20) ,<br>Ch64 , Chain1       | 10479              | PK                               | V                     | 35.71                        | 21.16                          | 33.97             | 55.13                            | 68.20                      | -13.07         |
|                                        | 10456              | PK                               | H                     | 35.72                        | 21.01                          | 34.61             | 55.62                            | 68.20                      | -12.58         |
| 802.11n(HT20) ,<br>Ch100 , Chain1      | 11000              | AV                               | V                     | 35.73                        | 23.22                          | 23.88             | 47.10                            | 54.00                      | -6.90          |
|                                        | 11000              | PK                               | V                     | 35.73                        | 23.22                          | 33.08             | 56.30                            | 74.00                      | -17.70         |
|                                        | 11000              | AV                               | H                     | 35.73                        | 23.22                          | 24.33             | 47.55                            | 54.00                      | -6.45          |
|                                        | 11000              | PK                               | H                     | 35.73                        | 23.22                          | 34.09             | 57.31                            | 74.00                      | -16.69         |
| 802.11n(HT20) ,<br>Ch120 , Chain1      | 11200              | AV                               | V                     | 35.74                        | 23.22                          | 24.30             | 47.52                            | 54.00                      | -6.48          |
|                                        | 11200              | PK                               | V                     | 35.74                        | 23.22                          | 33.36             | 56.58                            | 74.00                      | -17.42         |
|                                        | 11200              | AV                               | H                     | 35.74                        | 23.22                          | 23.94             | 47.16                            | 54.00                      | -6.84          |
|                                        | 11200              | PK                               | H                     | 35.74                        | 23.22                          | 33.62             | 56.84                            | 74.00                      | -17.16         |
| 802.11n(HT20) ,<br>Ch140 , Chain1      | 11400              | AV                               | V                     | 35.75                        | 23.22                          | 24.36             | 47.58                            | 54.00                      | -6.42          |
|                                        | 11400              | PK                               | V                     | 35.75                        | 23.22                          | 34.25             | 57.47                            | 74.00                      | -16.53         |
|                                        | 11400              | AV                               | H                     | 35.75                        | 23.22                          | 24.94             | 48.16                            | 54.00                      | -5.84          |
|                                        | 11400              | PK                               | H                     | 35.75                        | 23.22                          | 34.11             | 57.33                            | 74.00                      | -16.67         |
| 802.11n(HT20) ,<br>Ch149 , Chain1      | 11490              | AV                               | V                     | 35.76                        | 23.22                          | 24.65             | 47.87                            | 54.00                      | -6.13          |
|                                        | 11490              | PK                               | V                     | 35.76                        | 23.22                          | 33.94             | 57.16                            | 74.00                      | -16.84         |
|                                        | 11490              | AV                               | H                     | 35.76                        | 23.22                          | 25.45             | 48.67                            | 54.00                      | -5.33          |
|                                        | 11490              | PK                               | H                     | 35.76                        | 23.22                          | 35.49             | 58.71                            | 74.00                      | -15.29         |
| 802.11n(HT20) ,<br>Ch157 , Chain1      | 11570              | AV                               | V                     | 35.74                        | 23.10                          | 25.02             | 48.12                            | 54.00                      | -5.88          |
|                                        | 11570              | PK                               | V                     | 35.74                        | 23.10                          | 34.38             | 57.48                            | 74.00                      | -16.52         |
|                                        | 11570              | AV                               | H                     | 35.74                        | 23.10                          | 27.01             | 50.11                            | 54.00                      | -3.89          |
|                                        | 11570              | PK                               | H                     | 35.74                        | 23.10                          | 36.69             | 59.79                            | 74.00                      | -14.21         |

| Mode                               | Frequency<br>(MHz) | Spectrum<br>Analyzer<br>Detector | Ant.<br>Pol.<br>(H/V) | Preampl.<br>Gain<br>(dB) | Correction<br>Factor<br>(dB/m) | Reading<br>(dBμV) | Corrected<br>Reading<br>(dBμV/m) | Limit<br>@ 3 m<br>(dBμV/m) | Margin<br>(dB) |
|------------------------------------|--------------------|----------------------------------|-----------------------|--------------------------|--------------------------------|-------------------|----------------------------------|----------------------------|----------------|
| 802.11n(HT20) ,<br>Ch165 , Chain1  | 11650              | AV                               | V                     | 35.72                    | 22.96                          | 24.93             | 47.89                            | 54.00                      | -6.11          |
|                                    | 11650              | PK                               | V                     | 35.72                    | 22.96                          | 34.25             | 57.21                            | 74.00                      | -16.79         |
|                                    | 11650              | AV                               | H                     | 35.72                    | 22.96                          | 27.15             | 50.11                            | 54.00                      | -3.89          |
|                                    | 11650              | PK                               | H                     | 35.72                    | 22.96                          | 36.23             | 59.19                            | 74.00                      | -14.81         |
| 802.11n(HT40) ,<br>Ch38 , Chain0   | 10380              | PK                               | H                     | 35.76                    | 20.51                          | 34.37             | 54.88                            | 68.20                      | -13.32         |
|                                    | 10380              | PK                               | V                     | 35.76                    | 20.51                          | 35.40             | 55.91                            | 68.20                      | -12.29         |
| 802.11n(HT40) ,<br>Ch46 , Chain0   | 10460              | PK                               | H                     | 35.72                    | 21.03                          | 35.17             | 56.20                            | 68.20                      | -12.00         |
|                                    | 10460              | PK                               | V                     | 35.72                    | 21.03                          | 34.84             | 55.87                            | 68.20                      | -12.33         |
| 802.11n(HT40) ,<br>Ch54 , Chain0   | 10540              | PK                               | H                     | 35.70                    | 21.45                          | 33.76             | 55.21                            | 68.20                      | -12.99         |
|                                    | 10540              | PK                               | V                     | 35.70                    | 21.45                          | 34.61             | 56.06                            | 68.20                      | -12.14         |
| 802.11n(HT40) ,<br>Ch62 , Chain0   | 10620              | AV                               | H                     | 35.71                    | 21.75                          | 24.53             | 46.28                            | 54.00                      | -7.72          |
|                                    | 10620              | PK                               | H                     | 35.71                    | 21.75                          | 34.16             | 55.91                            | 74.00                      | -18.09         |
|                                    | 10620              | AV                               | V                     | 35.71                    | 21.75                          | 25.10             | 46.85                            | 54.00                      | -7.15          |
|                                    | 10620              | PK                               | V                     | 35.71                    | 21.75                          | 34.43             | 56.18                            | 74.00                      | -17.82         |
| 802.11n(HT40) ,<br>Ch102 , Chain0  | 11020              | AV                               | H                     | 35.73                    | 23.22                          | 23.44             | 46.66                            | 54.00                      | -7.34          |
|                                    | 11020              | PK                               | H                     | 35.73                    | 23.22                          | 33.31             | 56.53                            | 74.00                      | -17.47         |
|                                    | 11020              | AV                               | V                     | 35.73                    | 23.22                          | 23.97             | 47.19                            | 54.00                      | -6.81          |
|                                    | 11020              | PK                               | V                     | 35.73                    | 23.22                          | 33.37             | 56.59                            | 74.00                      | -17.41         |
| 802.11n(HT40) ,<br>Ch118 , Chain0  | 11180              | AV                               | H                     | 35.74                    | 23.22                          | 23.66             | 46.88                            | 54.00                      | -7.12          |
|                                    | 11180              | PK                               | H                     | 35.74                    | 23.22                          | 32.85             | 56.07                            | 74.00                      | -17.93         |
|                                    | 11180              | AV                               | V                     | 35.74                    | 23.22                          | 23.91             | 47.13                            | 54.00                      | -6.87          |
|                                    | 11180              | PK                               | V                     | 35.74                    | 23.22                          | 32.89             | 56.11                            | 74.00                      | -17.89         |
| 802.11n(HT40) ,<br>Ch134, Chain0   | 11340              | AV                               | H                     | 35.75                    | 23.22                          | 24.98             | 48.20                            | 54.00                      | -5.80          |
|                                    | 11340              | PK                               | H                     | 35.75                    | 23.22                          | 34.12             | 57.34                            | 74.00                      | -16.66         |
|                                    | 11340              | AV                               | V                     | 35.75                    | 23.22                          | 24.99             | 48.21                            | 54.00                      | -5.79          |
|                                    | 11340              | PK                               | V                     | 35.75                    | 23.22                          | 34.10             | 57.32                            | 74.00                      | -16.68         |
| 802.11n(HT40) ,<br>Ch151 , Chain0  | 11510              | AV                               | H                     | 35.76                    | 23.20                          | 24.01             | 47.21                            | 54.00                      | -6.79          |
|                                    | 11510              | PK                               | H                     | 35.76                    | 23.20                          | 33.15             | 56.35                            | 74.00                      | -17.65         |
|                                    | 11510              | AV                               | V                     | 35.76                    | 23.20                          | 23.71             | 46.91                            | 54.00                      | -7.09          |
|                                    | 11510              | PK                               | V                     | 35.76                    | 23.20                          | 33.67             | 56.87                            | 74.00                      | -17.13         |
| 802.11n(HT40) ,<br>Ch159 Chain0    | 11590              | AV                               | H                     | 35.74                    | 23.06                          | 23.02             | 46.08                            | 54.00                      | -7.92          |
|                                    | 11590              | PK                               | H                     | 35.74                    | 23.06                          | 32.83             | 55.89                            | 74.00                      | -18.11         |
|                                    | 11590              | AV                               | V                     | 35.74                    | 23.06                          | 24.52             | 47.58                            | 54.00                      | -6.42          |
|                                    | 11590              | PK                               | V                     | 35.74                    | 23.06                          | 33.85             | 56.91                            | 74.00                      | -17.09         |
| 802.11n(HT40) ,<br>Ch38 , Chain0+1 | 10380              | PK                               | H                     | 35.76                    | 20.51                          | 34.75             | 55.26                            | 68.20                      | -12.94         |
|                                    | 10380              | PK                               | V                     | 35.76                    | 20.51                          | 35.98             | 56.49                            | 68.20                      | -11.71         |
| 802.11n(HT40) ,<br>Ch46 , Chain0+1 | 10460              | PK                               | H                     | 35.72                    | 21.03                          | 34.71             | 55.74                            | 68.20                      | -12.46         |
|                                    | 10460              | PK                               | V                     | 35.72                    | 21.03                          | 34.76             | 55.79                            | 68.20                      | -12.41         |

| Mode                                   | Frequency<br>(MHz) | Spectrum<br>Analyzer<br>Detector | Ant.<br>Pol.<br>(H/V) | Preampl.<br>Gain<br>(dB) | Correction<br>Factor<br>(dB/m) | Reading<br>(dBμV) | Corrected<br>Reading<br>(dBμV/m) | Limit<br>@ 3 m<br>(dBμV/m) | Margin<br>(dB) |
|----------------------------------------|--------------------|----------------------------------|-----------------------|--------------------------|--------------------------------|-------------------|----------------------------------|----------------------------|----------------|
| 802.11n(HT40) ,<br>Ch54 , Chain0+1     | 10540              | PK                               | H                     | 35.70                    | 21.45                          | 33.75             | 55.20                            | 68.20                      | -13.00         |
|                                        | 10540              | PK                               | V                     | 35.70                    | 21.45                          | 34.81             | 56.26                            | 68.20                      | -11.94         |
| 802.11n(HT40) ,<br>Ch62 , Chain0+1     | 10620              | AV                               | H                     | 35.71                    | 21.75                          | 24.43             | 46.18                            | 54.00                      | -7.82          |
|                                        | 10620              | PK                               | H                     | 35.71                    | 21.75                          | 34.16             | 55.91                            | 74.00                      | -18.09         |
|                                        | 10620              | AV                               | V                     | 35.71                    | 21.75                          | 24.57             | 46.32                            | 54.00                      | -7.68          |
|                                        | 10620              | PK                               | V                     | 35.71                    | 21.75                          | 34.12             | 55.87                            | 74.00                      | -18.13         |
| 802.11n(HT40) ,<br>Ch102 ,<br>Chain0+1 | 11020              | AV                               | H                     | 35.73                    | 23.22                          | 25.09             | 48.31                            | 54.00                      | -5.69          |
|                                        | 11020              | PK                               | H                     | 35.73                    | 23.22                          | 34.01             | 57.23                            | 74.00                      | -16.77         |
|                                        | 11020              | AV                               | V                     | 35.73                    | 23.22                          | 23.01             | 46.23                            | 54.00                      | -7.77          |
|                                        | 11020              | PK                               | V                     | 35.73                    | 23.22                          | 32.61             | 55.83                            | 74.00                      | -18.17         |
| 802.11n(HT40) ,<br>Ch118 ,<br>Chain0+1 | 11180              | AV                               | H                     | 35.74                    | 23.22                          | 24.14             | 47.36                            | 54.00                      | -6.64          |
|                                        | 11180              | PK                               | H                     | 35.74                    | 23.22                          | 33.81             | 57.03                            | 74.00                      | -16.97         |
|                                        | 11180              | AV                               | V                     | 35.74                    | 23.22                          | 24.76             | 47.98                            | 54.00                      | -6.02          |
|                                        | 11180              | PK                               | V                     | 35.74                    | 23.22                          | 34.27             | 57.49                            | 74.00                      | -16.51         |
| 802.11n(HT40) ,<br>Ch134, Chain0+1     | 11340              | AV                               | H                     | 35.75                    | 23.22                          | 24.30             | 47.52                            | 54.00                      | -6.48          |
|                                        | 11340              | PK                               | H                     | 35.75                    | 23.22                          | 33.77             | 56.99                            | 74.00                      | -17.01         |
|                                        | 11340              | AV                               | V                     | 35.75                    | 23.22                          | 23.65             | 46.87                            | 54.00                      | -7.13          |
|                                        | 11340              | PK                               | V                     | 35.75                    | 23.22                          | 33.35             | 56.57                            | 74.00                      | -17.43         |
| 802.11n(HT40) ,<br>Ch151 ,<br>Chain0+1 | 11510              | AV                               | H                     | 35.76                    | 23.20                          | 25.81             | 49.01                            | 54.00                      | -4.99          |
|                                        | 11510              | PK                               | H                     | 35.76                    | 23.20                          | 34.82             | 58.02                            | 74.00                      | -15.98         |
|                                        | 11510              | AV                               | V                     | 35.76                    | 23.20                          | 27.91             | 51.11                            | 54.00                      | -2.89          |
|                                        | 11510              | PK                               | V                     | 35.76                    | 23.20                          | 37.64             | 60.84                            | 74.00                      | -13.16         |
| 802.11n(HT40) ,<br>Ch159 Chain0+1      | 11590              | AV                               | H                     | 35.74                    | 23.06                          | 26.18             | 49.24                            | 54.00                      | -4.76          |
|                                        | 11590              | PK                               | H                     | 35.74                    | 23.06                          | 35.63             | 58.69                            | 74.00                      | -15.31         |
|                                        | 11590              | AV                               | V                     | 35.74                    | 23.06                          | 27.41             | 50.47                            | 54.00                      | -3.53          |
|                                        | 11590              | PK                               | V                     | 35.74                    | 23.06                          | 36.90             | 59.96                            | 74.00                      | -14.04         |
| 802.11n(HT40) ,<br>Ch38 , Chain1       | 10380              | PK                               | H                     | 35.76                    | 20.51                          | 34.53             | 55.04                            | 68.20                      | -13.16         |
|                                        | 10380              | PK                               | V                     | 35.76                    | 20.51                          | 35.15             | 55.66                            | 68.20                      | -12.54         |
| 802.11n(HT40) ,<br>Ch46 , Chain1       | 10460              | PK                               | H                     | 35.72                    | 21.03                          | 34.41             | 55.44                            | 68.20                      | -12.76         |
|                                        | 10460              | PK                               | V                     | 35.72                    | 21.03                          | 35.28             | 56.31                            | 68.20                      | -11.89         |
| 802.11n(HT40) ,<br>Ch54 , Chain1       | 10540              | PK                               | H                     | 35.70                    | 21.45                          | 34.26             | 55.71                            | 68.20                      | -12.49         |
|                                        | 10540              | PK                               | V                     | 35.70                    | 21.45                          | 33.92             | 55.37                            | 68.20                      | -12.83         |
| 802.11n(HT40) ,<br>Ch62 , Chain1       | 10620              | AV                               | H                     | 35.71                    | 21.75                          | 25.02             | 46.77                            | 54.00                      | -7.23          |
|                                        | 10620              | PK                               | H                     | 35.71                    | 21.75                          | 34.49             | 56.24                            | 74.00                      | -17.76         |
|                                        | 10620              | AV                               | V                     | 35.71                    | 21.75                          | 24.68             | 46.43                            | 54.00                      | -7.57          |
|                                        | 10620              | PK                               | V                     | 35.71                    | 21.75                          | 33.74             | 55.49                            | 74.00                      | -18.51         |
| 802.11n(HT40) ,<br>Ch102 , Chain1      | 11020              | AV                               | H                     | 35.73                    | 23.22                          | 23.60             | 46.82                            | 54.00                      | -7.18          |
|                                        | 11020              | PK                               | H                     | 35.73                    | 23.22                          | 33.32             | 56.54                            | 74.00                      | -17.46         |
|                                        | 11020              | AV                               | V                     | 35.73                    | 23.22                          | 23.89             | 47.11                            | 54.00                      | -6.89          |
|                                        | 11020              | PK                               | V                     | 35.73                    | 23.22                          | 33.52             | 56.74                            | 74.00                      | -17.26         |

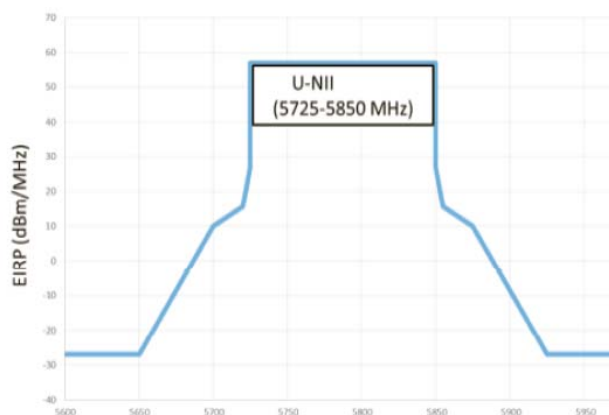
| Mode                              | Frequency<br>(MHz) | Spectrum<br>Analyzer<br>Detector | Ant.<br>Pol.<br>(H/V) | Preamplifier<br>Gain<br>(dB) | Correction<br>Factor<br>(dB/m) | Reading<br>(dBμV) | Corrected<br>Reading<br>(dBμV/m) | Limit<br>@ 3 m<br>(dBμV/m) | Margin<br>(dB) |
|-----------------------------------|--------------------|----------------------------------|-----------------------|------------------------------|--------------------------------|-------------------|----------------------------------|----------------------------|----------------|
| 802.11n(HT40) ,<br>Ch118 , Chain1 | 11180              | AV                               | H                     | 35.74                        | 23.22                          | 23.91             | 47.13                            | 54.00                      | -6.87          |
|                                   | 11180              | PK                               | H                     | 35.74                        | 23.22                          | 32.95             | 56.17                            | 74.00                      | -17.83         |
|                                   | 11180              | AV                               | V                     | 35.74                        | 23.22                          | 22.90             | 46.12                            | 54.00                      | -7.88          |
|                                   | 11180              | PK                               | V                     | 35.74                        | 23.22                          | 32.69             | 55.91                            | 74.00                      | -18.09         |
| 802.11n(HT40) ,<br>Ch134, Chain1  | 11340              | AV                               | H                     | 35.75                        | 23.22                          | 24.44             | 47.66                            | 54.00                      | -6.34          |
|                                   | 11340              | PK                               | H                     | 35.75                        | 23.22                          | 33.84             | 57.06                            | 74.00                      | -16.94         |
|                                   | 11340              | AV                               | V                     | 35.75                        | 23.22                          | 24.34             | 47.56                            | 54.00                      | -6.44          |
|                                   | 11340              | PK                               | V                     | 35.75                        | 23.22                          | 33.96             | 57.18                            | 74.00                      | -16.82         |
| 802.11n(HT40) ,<br>Ch151 , Chain1 | 11510              | AV                               | H                     | 35.76                        | 23.20                          | 23.67             | 46.87                            | 54.00                      | -7.13          |
|                                   | 11510              | PK                               | H                     | 35.76                        | 23.20                          | 33.35             | 56.55                            | 74.00                      | -17.45         |
|                                   | 11510              | AV                               | V                     | 35.76                        | 23.20                          | 23.92             | 47.12                            | 54.00                      | -6.88          |
|                                   | 11510              | PK                               | V                     | 35.76                        | 23.20                          | 32.86             | 56.06                            | 74.00                      | -17.94         |
| 802.11n(HT40) ,<br>Ch159 Chain1   | 11590              | AV                               | H                     | 35.74                        | 23.06                          | 24.92             | 47.98                            | 54.00                      | -6.02          |
|                                   | 11590              | PK                               | H                     | 35.74                        | 23.06                          | 34.74             | 57.80                            | 74.00                      | -16.20         |
|                                   | 11590              | AV                               | V                     | 35.74                        | 23.06                          | 24.19             | 47.25                            | 54.00                      | -6.75          |
|                                   | 11590              | PK                               | V                     | 35.74                        | 23.06                          | 33.23             | 56.29                            | 74.00                      | -17.71         |
| 802.11ac ,<br>Ch42 , Chain0       | 10420              | PK                               | H                     | 35.74                        | 20.77                          | 34.34             | 55.11                            | 68.20                      | -13.09         |
|                                   | 10420              | PK                               | V                     | 35.74                        | 20.77                          | 33.90             | 54.67                            | 68.20                      | -13.53         |
| 802.11ac ,<br>Ch58 , Chain0       | 10580              | PK                               | H                     | 35.70                        | 21.60                          | 33.99             | 55.59                            | 68.20                      | -12.61         |
|                                   | 10580              | PK                               | V                     | 35.70                        | 21.60                          | 33.17             | 54.77                            | 68.20                      | -13.43         |
| 802.11ac ,<br>Ch106 , Chain0      | 11060              | AV                               | H                     | 35.73                        | 23.22                          | 23.03             | 46.25                            | 54.00                      | -7.75          |
|                                   | 11060              | PK                               | H                     | 35.73                        | 23.22                          | 32.67             | 55.89                            | 74.00                      | -18.11         |
|                                   | 11060              | AV                               | V                     | 35.73                        | 23.22                          | 23.36             | 46.58                            | 54.00                      | -7.42          |
|                                   | 11060              | PK                               | V                     | 35.73                        | 23.22                          | 33.20             | 56.42                            | 74.00                      | -17.58         |
| 802.11ac ,<br>Ch122 , Chain0      | 11220              | AV                               | H                     | 35.74                        | 23.22                          | 24.10             | 47.32                            | 54.00                      | -6.68          |
|                                   | 11220              | PK                               | H                     | 35.74                        | 23.22                          | 32.79             | 56.01                            | 74.00                      | -17.99         |
|                                   | 11220              | AV                               | V                     | 35.74                        | 23.22                          | 24.33             | 47.55                            | 54.00                      | -6.45          |
|                                   | 11220              | PK                               | V                     | 35.74                        | 23.22                          | 33.75             | 56.97                            | 74.00                      | -17.03         |
| 802.11a ,<br>Ch155 , Chain0       | 11550              | AV                               | H                     | 35.75                        | 23.13                          | 24.10             | 47.23                            | 54.00                      | -6.77          |
|                                   | 11550              | PK                               | H                     | 35.75                        | 23.13                          | 32.93             | 56.06                            | 74.00                      | -17.94         |
|                                   | 11550              | AV                               | V                     | 35.75                        | 23.13                          | 24.88             | 48.01                            | 54.00                      | -5.99          |
|                                   | 11550              | PK                               | V                     | 35.75                        | 23.13                          | 33.91             | 57.04                            | 74.00                      | -16.96         |
| 802.11ac , Ch42,<br>Chain0+1      | 10420              | PK                               | H                     | 35.74                        | 20.77                          | 33.93             | 54.70                            | 68.20                      | -13.50         |
|                                   | 10420              | PK                               | V                     | 35.74                        | 20.77                          | 34.10             | 54.87                            | 68.20                      | -13.33         |
| 802.11ac ,<br>Ch58 , Chain0+1     | 10580              | PK                               | H                     | 35.70                        | 21.60                          | 33.09             | 54.69                            | 68.20                      | -13.51         |
|                                   | 10580              | PK                               | V                     | 35.70                        | 21.60                          | 33.69             | 55.29                            | 68.20                      | -12.91         |

| Mode                              | Frequency<br>(MHz) | Spectrum<br>Analyzer<br>Detector | Ant.<br>Pol.<br>(H/V) | Preamp.<br>Gain<br>(dB) | Correction<br>Factor<br>(dB/m) | Reading<br>(dBμV) | Corrected<br>Reading<br>(dBμV/m) | Limit<br>@ 3 m<br>(dBμV/m) | Margin<br>(dB) |
|-----------------------------------|--------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|-------------------|----------------------------------|----------------------------|----------------|
| 802.11ac ,<br>Ch106 ,<br>Chain0+1 | 11060              | AV                               | H                     | 35.73                   | 23.22                          | 24.33             | 47.55                            | 54.00                      | -6.45          |
|                                   | 11060              | PK                               | H                     | 35.73                   | 23.22                          | 32.99             | 56.21                            | 74.00                      | -17.79         |
|                                   | 11060              | AV                               | V                     | 35.73                   | 23.22                          | 22.98             | 46.20                            | 54.00                      | -7.80          |
|                                   | 11060              | PK                               | V                     | 35.73                   | 23.22                          | 32.75             | 55.97                            | 74.00                      | -18.03         |
| 802.11ac ,<br>Ch122 ,<br>Chain0+1 | 11220              | AV                               | H                     | 35.74                   | 23.22                          | 24.01             | 47.23                            | 54.00                      | -6.77          |
|                                   | 11220              | PK                               | H                     | 35.74                   | 23.22                          | 33.45             | 56.67                            | 74.00                      | -17.33         |
|                                   | 11220              | AV                               | V                     | 35.74                   | 23.22                          | 24.60             | 47.82                            | 54.00                      | -6.18          |
|                                   | 11220              | PK                               | V                     | 35.74                   | 23.22                          | 33.88             | 57.10                            | 74.00                      | -16.90         |
| 802.11a ,<br>Ch155 ,<br>Chain0+1  | 11550              | AV                               | H                     | 35.75                   | 23.13                          | 24.18             | 47.31                            | 54.00                      | -6.69          |
|                                   | 11550              | PK                               | H                     | 35.75                   | 23.13                          | 33.80             | 56.93                            | 74.00                      | -17.07         |
|                                   | 11550              | AV                               | V                     | 35.75                   | 23.13                          | 27.98             | 51.11                            | 54.00                      | -2.89          |
|                                   | 11550              | PK                               | V                     | 35.75                   | 23.13                          | 37.74             | 60.87                            | 74.00                      | -13.13         |
| 802.11ac ,<br>Ch42 , Chain1       | 10420              | PK                               | H                     | 35.74                   | 20.77                          | 33.84             | 54.61                            | 68.20                      | -13.59         |
|                                   | 10420              | PK                               | V                     | 35.74                   | 20.77                          | 34.11             | 54.88                            | 68.20                      | -13.32         |
| 802.11ac ,<br>Ch58 , Chain1       | 10580              | PK                               | H                     | 35.70                   | 21.60                          | 33.03             | 54.63                            | 68.20                      | -13.57         |
|                                   | 10580              | PK                               | V                     | 35.70                   | 21.60                          | 33.73             | 55.33                            | 68.20                      | -12.87         |
| 802.11ac ,<br>Ch106 , Chain1      | 11060              | AV                               | H                     | 35.73                   | 23.22                          | 22.96             | 46.18                            | 54.00                      | -7.82          |
|                                   | 11060              | PK                               | H                     | 35.73                   | 23.22                          | 32.61             | 55.83                            | 74.00                      | -18.17         |
|                                   | 11060              | AV                               | V                     | 35.73                   | 23.22                          | 22.65             | 45.87                            | 54.00                      | -8.13          |
|                                   | 11060              | PK                               | V                     | 35.73                   | 23.22                          | 32.15             | 55.37                            | 74.00                      | -18.63         |
| 802.11ac ,<br>Ch122 , Chain1      | 11220              | AV                               | H                     | 35.74                   | 23.22                          | 23.67             | 46.89                            | 54.00                      | -7.11          |
|                                   | 11220              | PK                               | H                     | 35.74                   | 23.22                          | 33.14             | 56.36                            | 74.00                      | -17.64         |
|                                   | 11220              | AV                               | V                     | 35.74                   | 23.22                          | 24.25             | 47.47                            | 54.00                      | -6.53          |
|                                   | 11220              | PK                               | V                     | 35.74                   | 23.22                          | 33.84             | 57.06                            | 74.00                      | -16.94         |
| 802.11a ,<br>Ch155 , Chain1       | 11550              | AV                               | H                     | 35.75                   | 23.13                          | 24.38             | 47.51                            | 54.00                      | -6.49          |
|                                   | 11550              | PK                               | H                     | 35.75                   | 23.13                          | 33.73             | 56.86                            | 74.00                      | -17.14         |
|                                   | 11550              | AV                               | V                     | 35.75                   | 23.13                          | 23.76             | 46.89                            | 54.00                      | -7.11          |
|                                   | 11550              | PK                               | V                     | 35.75                   | 23.13                          | 33.36             | 56.49                            | 74.00                      | -17.51         |

## 13. 頻帶邊緣測試

### 13.1 適用規範

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.4.6 之規定，落於第 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.4.2 之規定，所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP)  $\leq 27$  dBm/MHz  $\sim 15.6$  dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外 5 MHz  $\sim 25$  MHz，有效等向輻射功率(EIRP)  $\leq 15.6$  dBm/MHz  $\sim 10$  dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 25 MHz  $\sim 75$  MHz，有效等向輻射功率(EIRP)  $\leq 10$  dBm/MHz  $\sim -27$  dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外  $\geq 75$  MHz 的頻率之發射，有效等向輻射功率(EIRP)  $\leq -27$  dBm/MHz；有關遮罩限制值詳如下圖。



## 13.2 場強度之計算

有效等向輻射功率限制值轉換場強值如下：

| 頻率<br>(MHz)             | 有效等向輻射功率限制值<br>(dBm) | 相對於 3m 之場強<br>(dBμV/m) |
|-------------------------|----------------------|------------------------|
| 5715~5725 and 5825~5835 | -27                  | 68.2                   |

備註:

有效等向輻射功率限制值轉換場強之公式如下:

$$E = \sqrt{30PG}/d$$

E: 以最寬解析頻寬所測得之最大場強值，單位:V/m。

G: 發射天線相對於全向性輻射器之數值增益。

d: 測試場強的距離，單位: m。

P: 求得之功率，單位:W。

## 13.3 量測儀器

參考本報告第 9.2 章節

## 13.4 測試配置圖

參考本報告第 9.3 章節

## 13.5 測試結果

### Chain 0

| Mode             | Ch | Frequency (MHz) | Spectrum Analyzer Detector | Ant. Pol. (H/V) | Preamp. Gain (dB) | Correction Factor (dB/m) | Reading (dBμV) | Corrected Reading (dBμV/m) | Limit @ 3 m (dBμV/m) | Margin (dB) | Restricted band (MHz) |
|------------------|----|-----------------|----------------------------|-----------------|-------------------|--------------------------|----------------|----------------------------|----------------------|-------------|-----------------------|
| 802.11a          | 36 | 4875.30         | PK                         | H               | 37.12             | 5.27                     | 59.45          | 64.72                      | 74                   | -9.28       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 45.36          | 51.33                      | 54                   | -2.67       |                       |
|                  | 48 | 5448.55         | PK                         | H               | 36.99             | 6.38                     | 57.50          | 63.88                      | 74                   | -10.12      | 5350~5460             |
|                  |    | 5444.84         | AV                         | H               | 36.99             | 6.38                     | 44.78          | 51.16                      | 54                   | -2.84       |                       |
| 802.11ac (VHT80) | 42 | 5138.80         | PK                         | H               | 37.05             | 5.95                     | 62.25          | 68.20                      | 74                   | -5.80       | 4500~5150             |
|                  |    | 5142.00         | AV                         | H               | 37.05             | 5.95                     | 47.38          | 53.33                      | 54                   | -0.67       |                       |
|                  |    | 5434.15         | PK                         | H               | 36.99             | 6.36                     | 58.03          | 64.39                      | 74                   | -9.61       | 5350~5460             |
|                  |    | 5444.67         | AV                         | H               | 36.99             | 6.38                     | 44.82          | 51.20                      | 54                   | -2.80       |                       |
| 802.11n (HT20)   | 36 | 4728.40         | PK                         | H               | 37.17             | 4.69                     | 60.31          | 65.00                      | 74                   | -9.00       | 4500~5150             |
|                  |    | 4891.30         | AV                         | H               | 37.11             | 5.33                     | 45.70          | 51.03                      | 54                   | -2.97       |                       |
|                  | 48 | 5369.35         | PK                         | H               | 37.01             | 6.27                     | 59.20          | 65.47                      | 74                   | -8.53       | 5350~5460             |
|                  |    | 5444.84         | AV                         | H               | 36.99             | 6.38                     | 44.86          | 51.24                      | 54                   | -2.76       |                       |
| 802.11n (HT40)   | 38 | 4904.10         | PK                         | H               | 37.11             | 5.38                     | 60.23          | 65.61                      | 74                   | -8.39       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 45.21          | 51.18                      | 54                   | -2.82       |                       |
|                  | 46 | 5397.81         | PK                         | H               | 37.00             | 6.31                     | 58.29          | 64.60                      | 74                   | -9.40       | 5350~5460             |
|                  |    | 5444.84         | AV                         | H               | 36.99             | 6.38                     | 44.79          | 51.17                      | 54                   | -2.83       |                       |

**Chain 1**

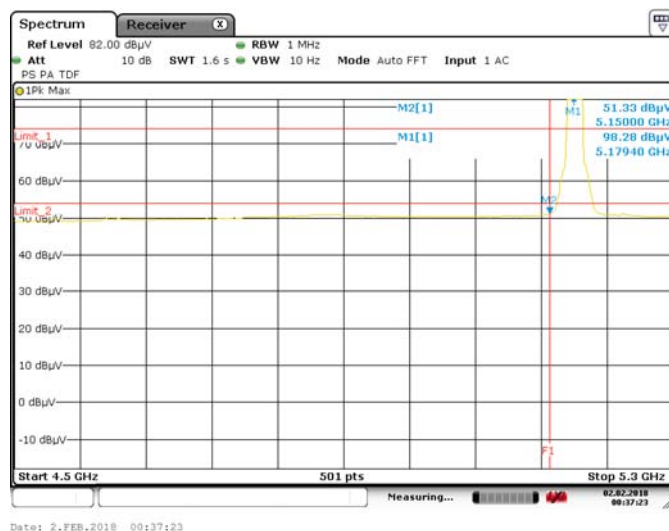
| Mode             | Ch | Frequency (MHz) | Spectrum Analyzer Detector | Ant. Pol. (H/V) | Preamp. Gain (dB) | Correction Factor (dB/m) | Reading (dBμV) | Corrected Reading (dBμV/m) | Limit @ 3 m (dBμV/m) | Margin (dB) | Restricted band (MHz) |
|------------------|----|-----------------|----------------------------|-----------------|-------------------|--------------------------|----------------|----------------------------|----------------------|-------------|-----------------------|
| 802.11a          | 36 | 4944.00         | PK                         | H               | 37.10             | 5.54                     | 59.25          | 64.79                      | 74                   | -9.21       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 45.53          | 51.50                      | 54                   | -2.50       |                       |
|                  | 48 | 5445.46         | PK                         | H               | 36.99             | 6.38                     | 58.01          | 64.39                      | 74                   | -9.61       | 5350~5460             |
|                  |    | 5445.46         | AV                         | H               | 36.99             | 6.38                     | 44.81          | 51.19                      | 54                   | -2.81       |                       |
| 802.11ac (VHT80) | 42 | 5146.80         | PK                         | H               | 37.05             | 5.96                     | 63.20          | 69.16                      | 74                   | -4.84       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 47.41          | 53.38                      | 54                   | -0.62       |                       |
|                  |    | 5447.76         | PK                         | H               | 36.99             | 6.38                     | 58.72          | 65.10                      | 74                   | -8.90       | 5350~5460             |
|                  |    | 5444.67         | AV                         | H               | 36.99             | 6.38                     | 44.79          | 51.17                      | 54                   | -2.83       |                       |
| 802.11n (HT20)   | 36 | 4948.80         | PK                         | H               | 37.10             | 5.55                     | 59.35          | 64.90                      | 74                   | -9.10       | 4500~5150             |
|                  |    | 4891.30         | AV                         | H               | 37.11             | 5.33                     | 45.70          | 51.03                      | 54                   | -2.97       |                       |
|                  | 48 | 5381.11         | PK                         | H               | 37.00             | 6.29                     | 58.25          | 64.54                      | 74                   | -9.46       | 5350~5460             |
|                  |    | 5444.84         | AV                         | H               | 36.99             | 6.38                     | 44.79          | 51.17                      | 54                   | -2.83       |                       |
| 802.11n (HT40)   | 38 | 5108.50         | PK                         | H               | 37.06             | 5.91                     | 59.51          | 65.42                      | 74                   | -8.58       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 45.41          | 51.38                      | 54                   | -2.62       |                       |
|                  | 46 | 5395.34         | PK                         | H               | 37.00             | 6.31                     | 58.03          | 64.34                      | 74                   | -9.66       | 5350~5460             |
|                  |    | 5444.84         | AV                         | H               | 36.99             | 6.38                     | 44.82          | 51.20                      | 54                   | -2.80       |                       |

Chain 0+1

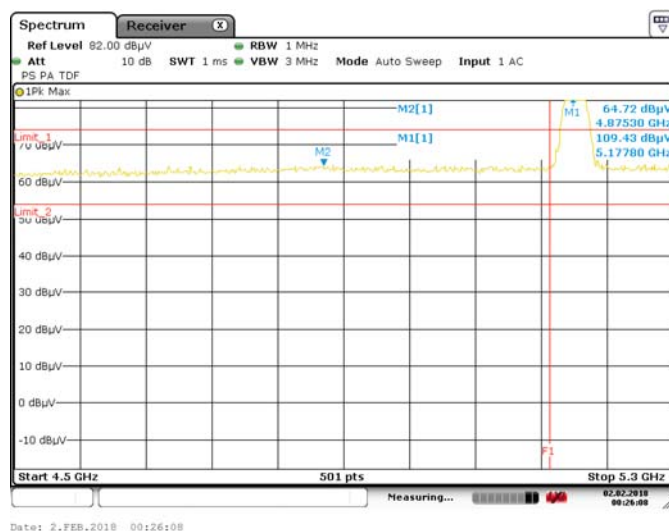
| Mode             | Ch | Frequency (MHz) | Spectrum Analyzer Detector | Ant. Pol. (H/V) | Preamp. Gain (dB) | Correction Factor (dB/m) | Reading (dBμV) | Corrected Reading (dBμV/m) | Limit @ 3 m (dBμV/m) | Margin (dB) | Restricted band (MHz) |
|------------------|----|-----------------|----------------------------|-----------------|-------------------|--------------------------|----------------|----------------------------|----------------------|-------------|-----------------------|
| 802.11a          | 36 | 4944.00         | PK                         | H               | 37.10             | 5.54                     | 59.25          | 64.79                      | 74                   | -9.21       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 45.53          | 51.50                      | 54                   | -2.50       |                       |
|                  | 48 | 5445.46         | PK                         | H               | 36.99             | 6.38                     | 58.01          | 64.39                      | 74                   | -9.61       | 5350~5460             |
|                  |    | 5445.46         | AV                         | H               | 36.99             | 6.38                     | 44.81          | 51.19                      | 54                   | -2.81       |                       |
| 802.11ac (VHT80) | 42 | 5146.80         | PK                         | H               | 37.05             | 5.96                     | 63.20          | 69.16                      | 74                   | -4.84       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 47.41          | 53.38                      | 54                   | -0.62       |                       |
|                  |    | 5447.76         | PK                         | H               | 36.99             | 6.38                     | 58.72          | 65.10                      | 74                   | -8.90       | 5350~5460             |
|                  |    | 5444.67         | AV                         | H               | 36.99             | 6.38                     | 44.79          | 51.17                      | 54                   | -2.83       |                       |
| 802.11n (HT20)   | 36 | 4948.80         | PK                         | H               | 37.10             | 5.55                     | 59.35          | 64.90                      | 74                   | -9.10       | 4500~5150             |
|                  |    | 4891.30         | AV                         | H               | 37.11             | 5.33                     | 45.70          | 51.03                      | 54                   | -2.97       |                       |
|                  | 48 | 5381.11         | PK                         | H               | 37.00             | 6.29                     | 58.25          | 64.54                      | 74                   | -9.46       | 5350~5460             |
|                  |    | 5444.84         | AV                         | H               | 36.99             | 6.38                     | 44.79          | 51.17                      | 54                   | -2.83       |                       |
| 802.11n (HT40)   | 38 | 5108.50         | PK                         | H               | 37.06             | 5.91                     | 59.51          | 65.42                      | 74                   | -8.58       | 4500~5150             |
|                  |    | 5150.00         | AV                         | H               | 37.05             | 5.97                     | 45.41          | 51.38                      | 54                   | -2.62       |                       |
|                  | 46 | 5395.34         | PK                         | H               | 37.00             | 6.31                     | 58.03          | 64.34                      | 74                   | -9.66       | 5350~5460             |
|                  |    | 5444.84         | AV                         | H               | 36.99             | 6.38                     | 44.82          | 51.20                      | 54                   | -2.80       |                       |

## 13.6 繪圖資料

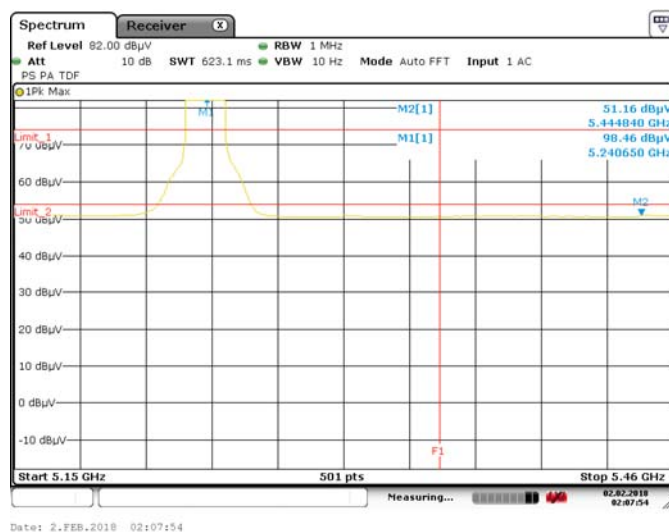
Restricted Band @ 802.11a Mode Ch36 av



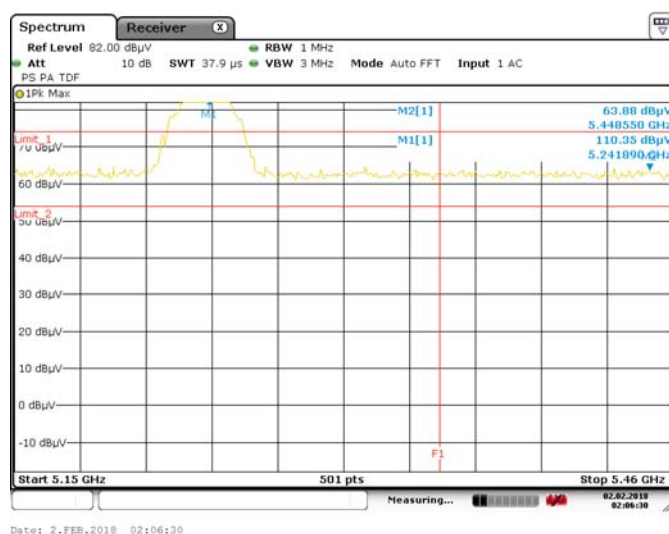
Restricted Band @ 802.11a Mode Ch36 pk



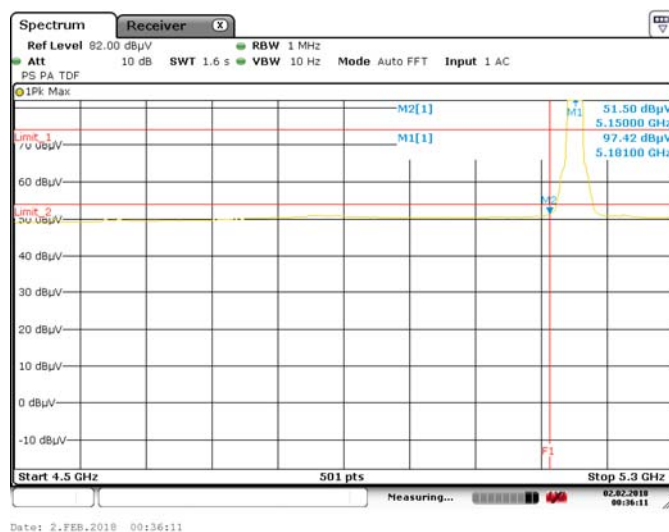
### Restricted Band @ 802.11a Mode Ch48 av



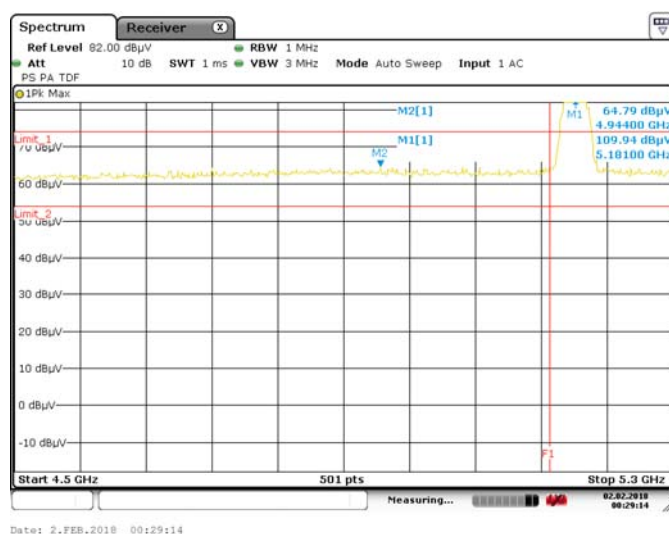
### Restricted Band @ 802.11a Mode Ch48 pk



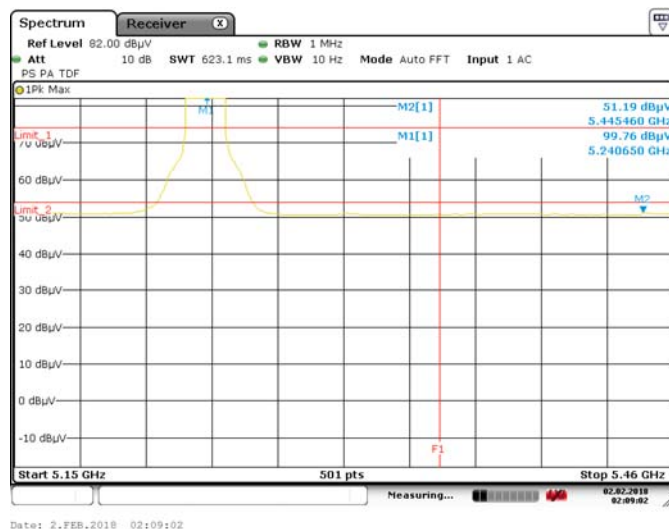
### Restricted Band @ 802.11a Mode Ch36 av



### Restricted Band @ 802.11a Mode Ch36 pk



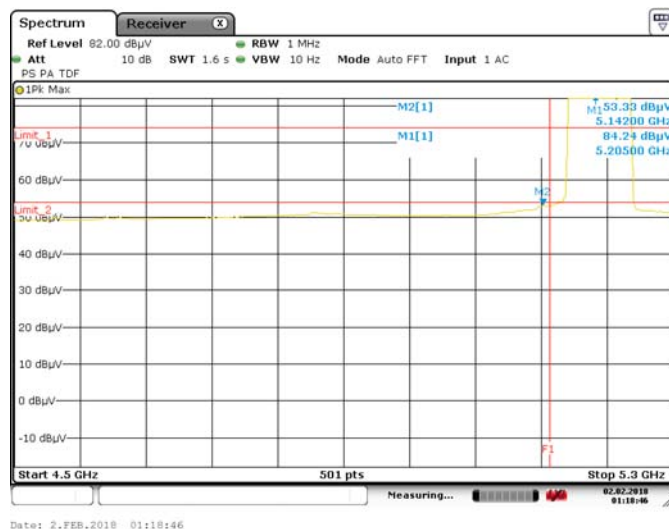
### Restricted Band @ 802.11a Mode Ch48 av



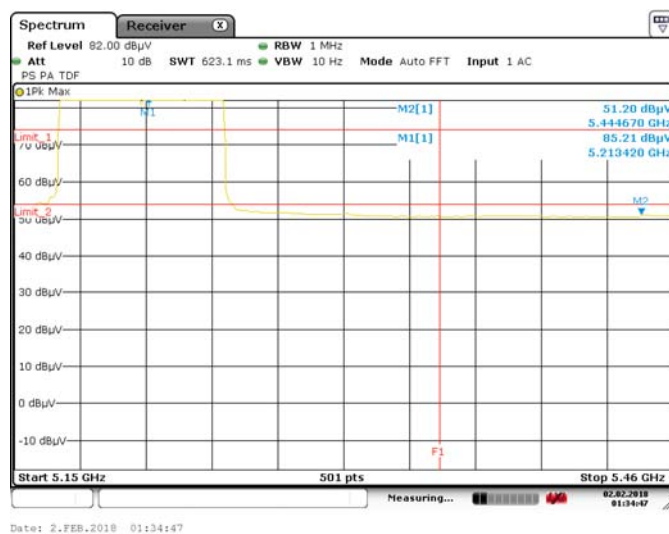
### Restricted Band @ 802.11a Mode Ch48 pk



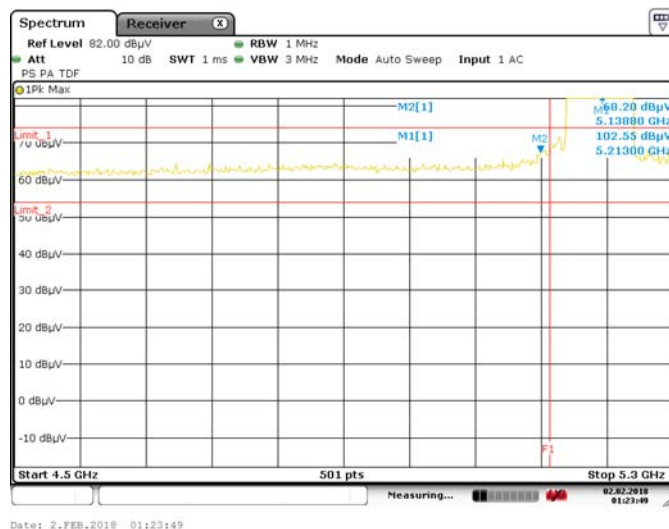
### Restricted Band @ 802.11ac Mode Ch42 av



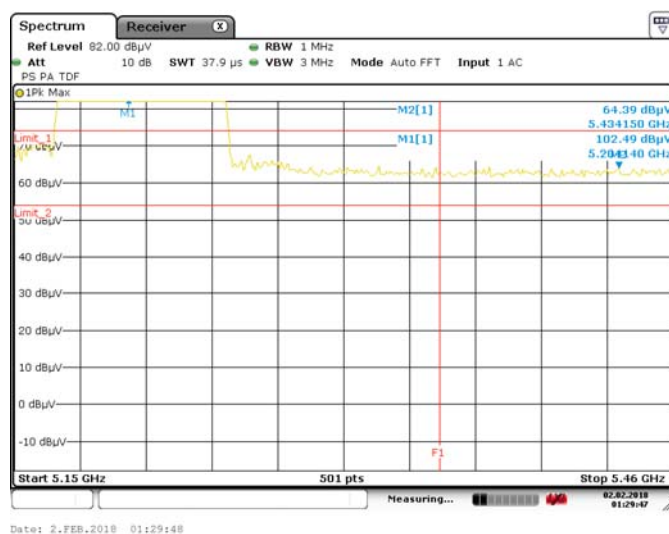
### Restricted Band @ 802.11ac Mode Ch42 Upper av



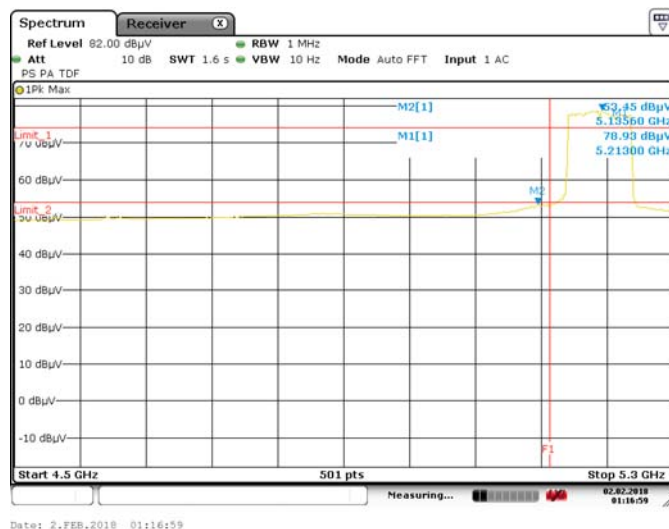
### Restricted Band @ 802.11ac Mode Ch42 pk



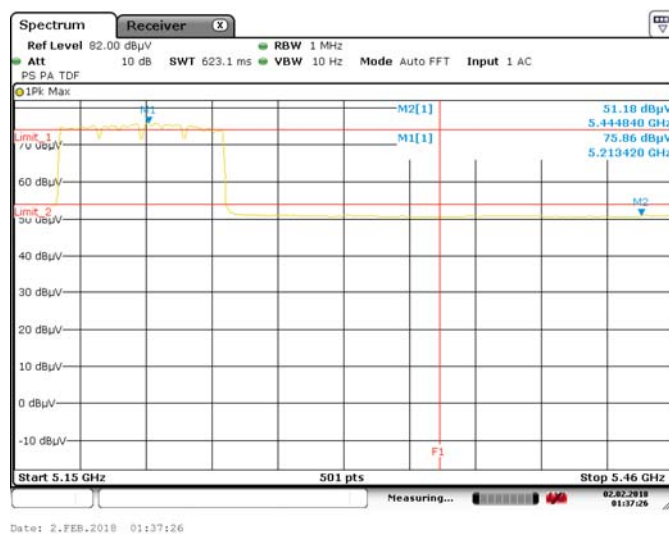
### Restricted Band @ 802.11ac Mode Ch42 Upper pk



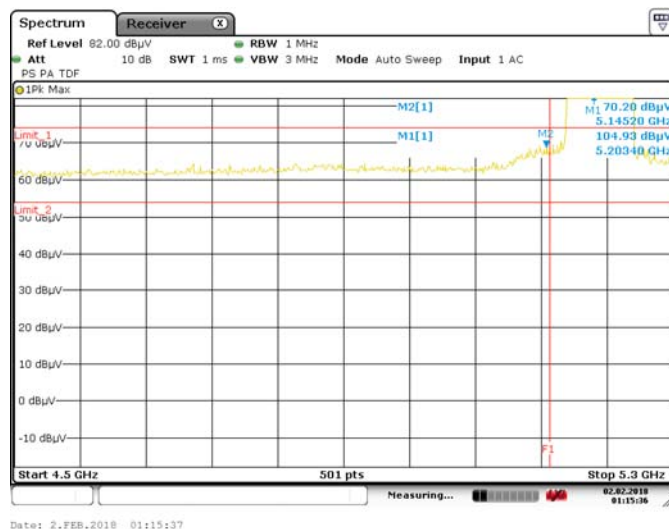
### Restricted Band @ 802.11ac Mode Ch42 av



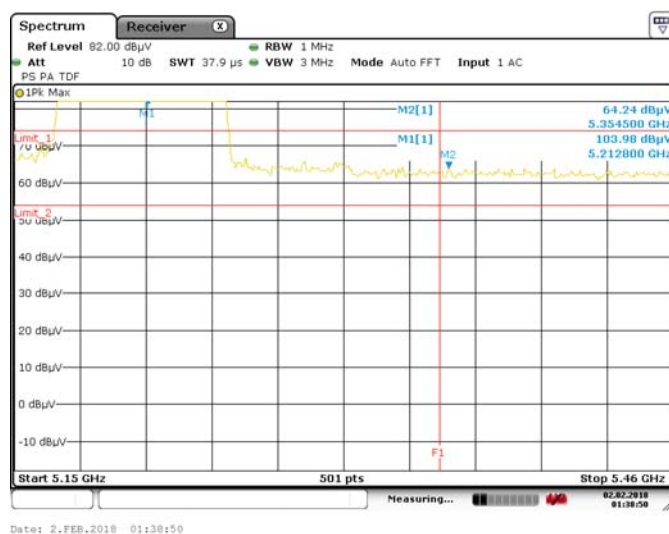
### Restricted Band @ 802.11ac Mode Ch42 Upper av



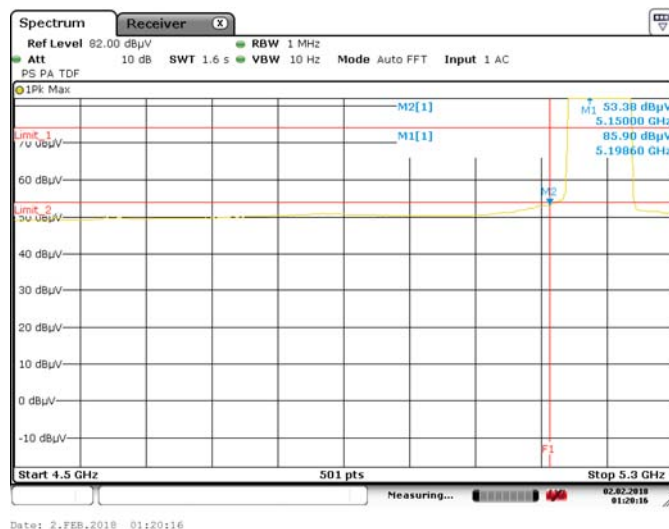
### Restricted Band @ 802.11ac Mode Ch42 pk



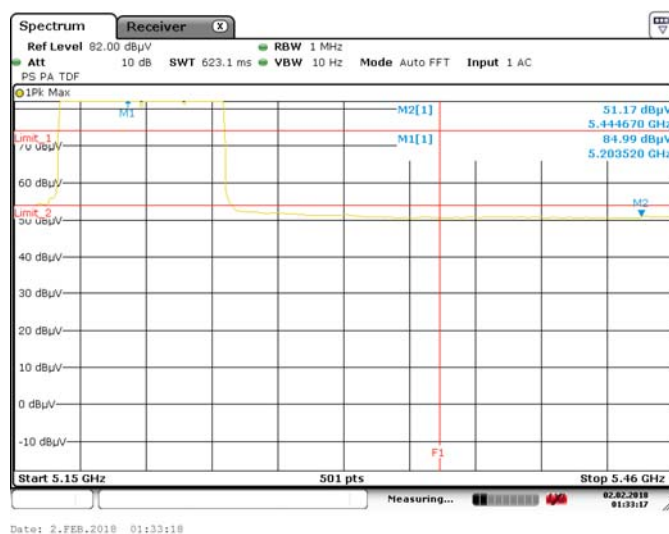
### Restricted Band @ 802.11ac Mode Ch42 Upper pk



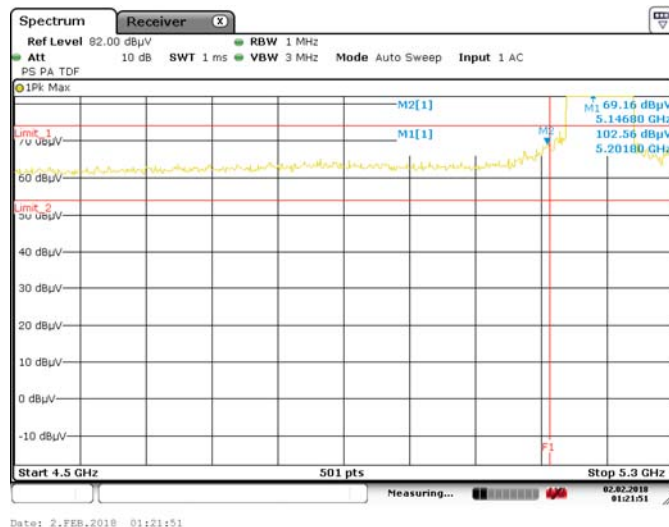
### Restricted Band @ 802.11ac Mode Ch42 av



### Restricted Band @ 802.11ac Mode Ch42 Upper av



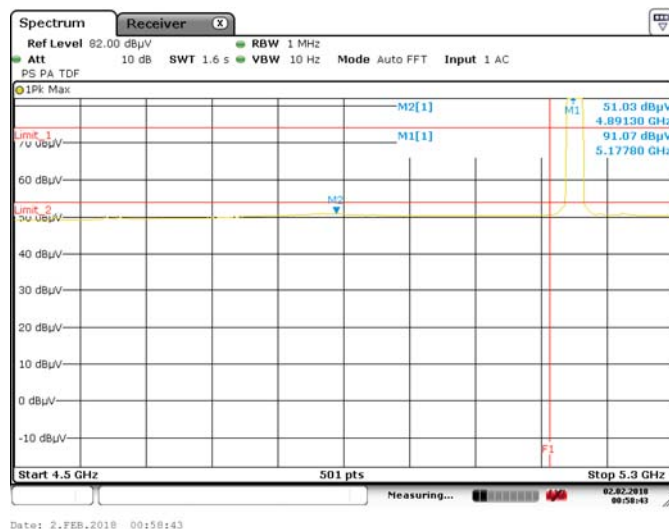
### Restricted Band @ 802.11ac Mode Ch42 pk



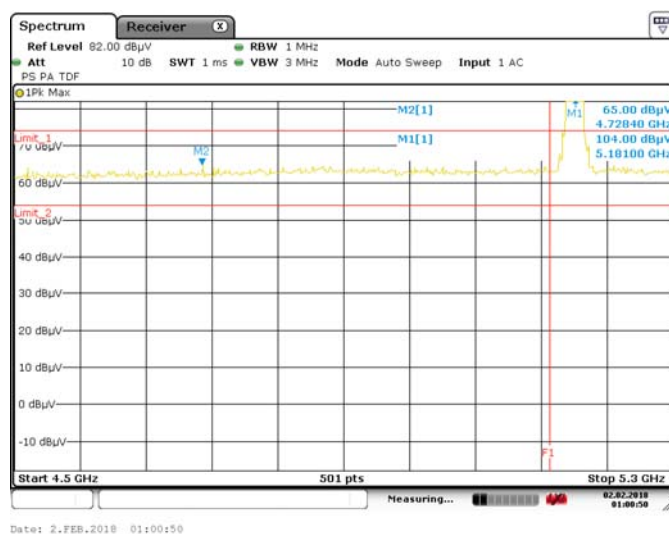
### Restricted Band @ 802.11ac Mode Ch42 Upper pk



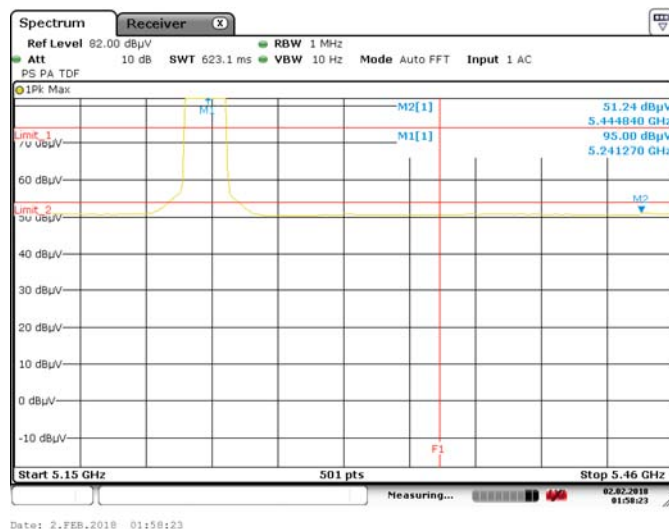
### Restricted Band @ 802.11n20 Mode Ch36 av



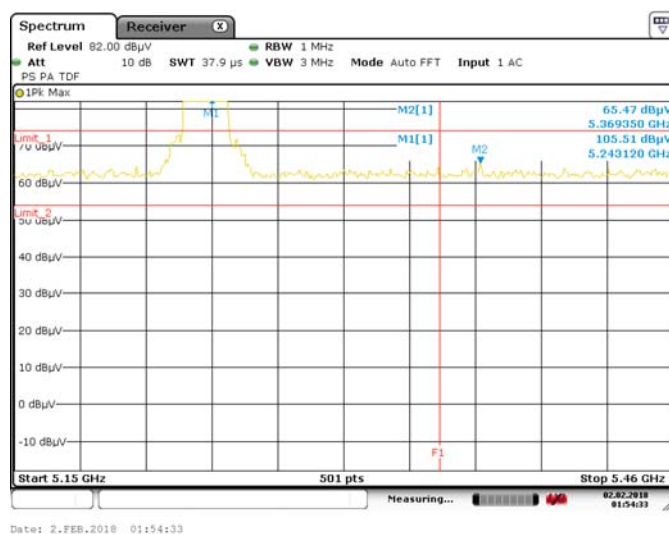
### Restricted Band @ 802.11n20 Mode Ch36 pk



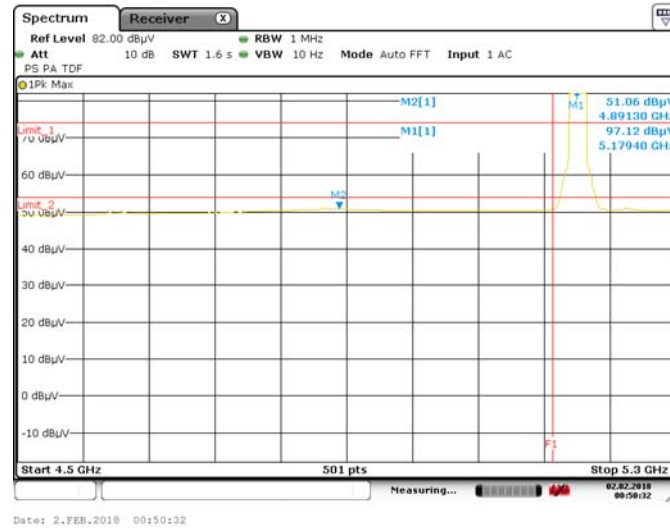
### Restricted Band @ 802.11n20 Mode Ch48 av



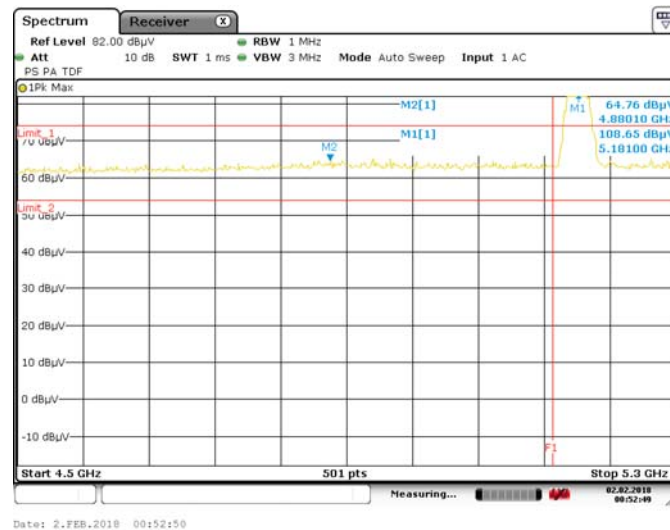
### Restricted Band @ 802.11n20 Mode Ch48 pk



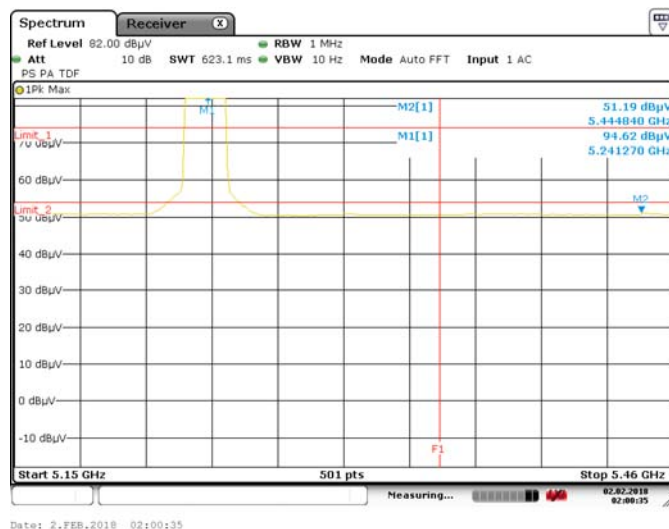
### Restricted Band @ 802.11n20 Mode Ch36 av



### Restricted Band @ 802.11n20 Mode Ch36 pk



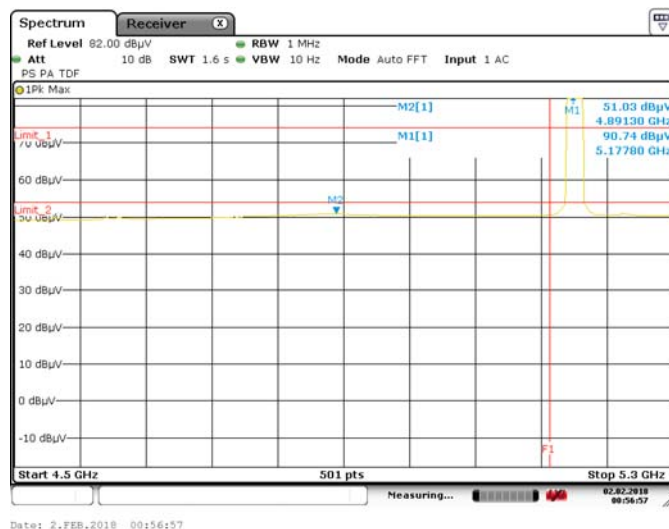
### Restricted Band @ 802.11n20 Mode Ch48 av



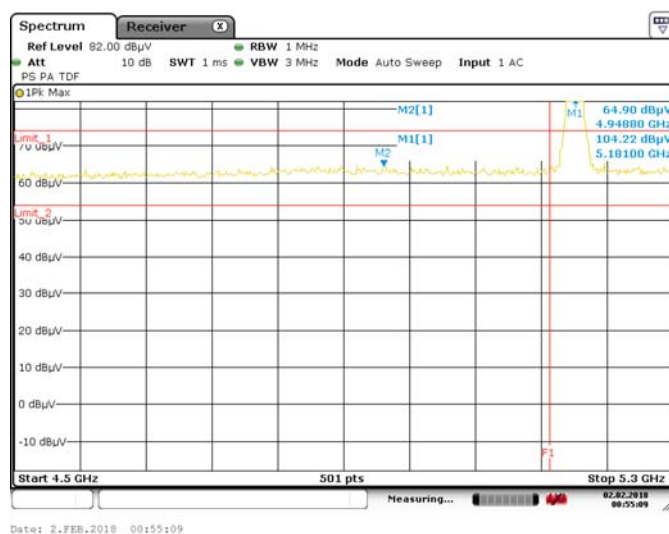
### Restricted Band @ 802.11n20 Mode Ch48 pk



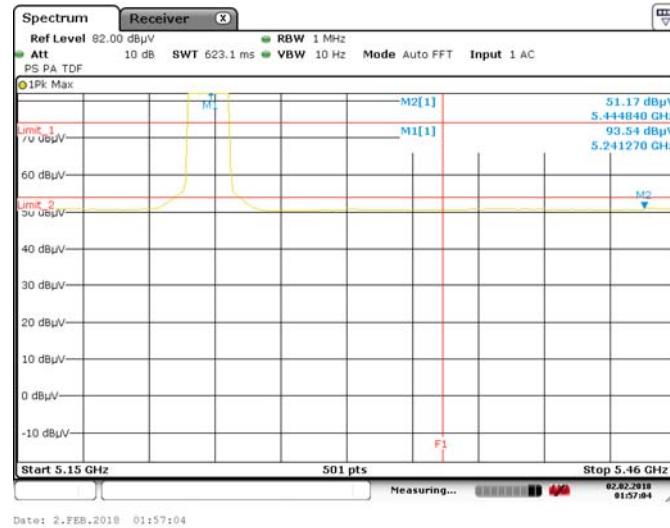
### Restricted Band @ 802.11n20 Mode Ch36 av



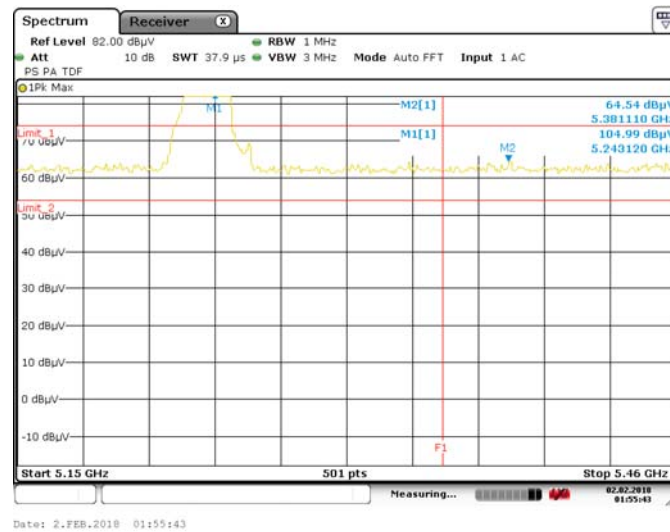
### Restricted Band @ 802.11n20 Mode Ch36 pk



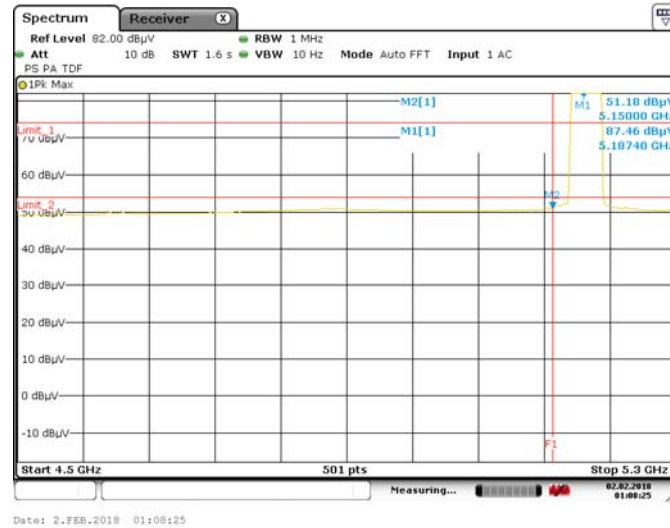
### Restricted Band @ 802.11n20 Mode Ch48 av



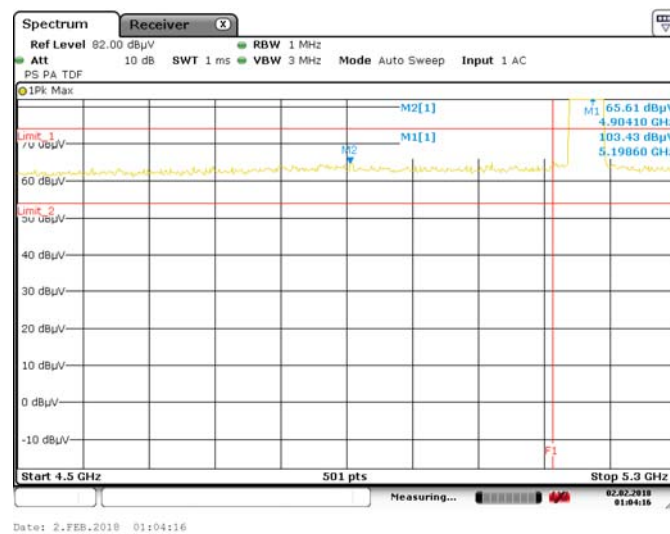
Restricted Band @ 802.11n20 Mode Ch48 pk



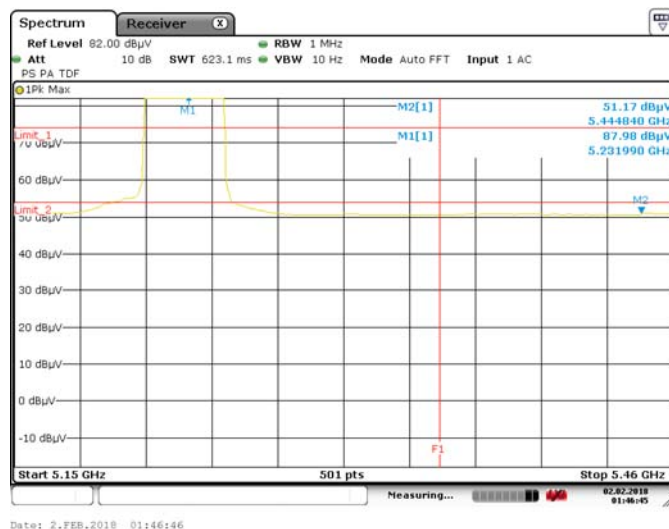
## Restricted Band @ 802.11n40 Mode Ch38 av



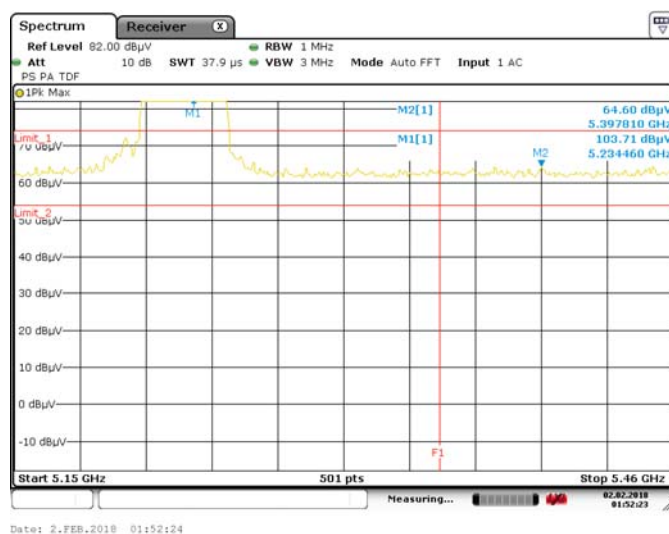
Restricted Band @ 802.11n40 Mode Ch38 pk



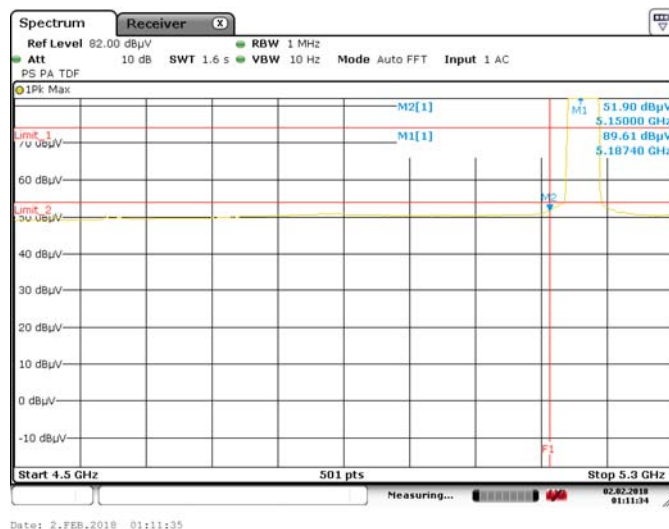
### Restricted Band @ 802.11n40 Mode Ch46 av



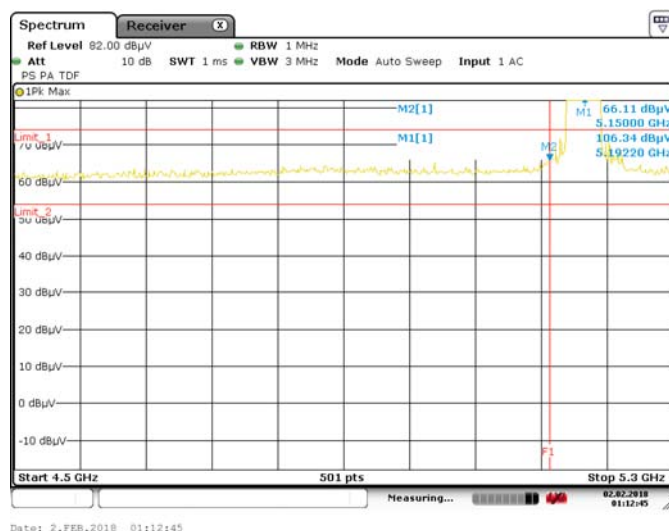
### Restricted Band @ 802.11n40 Mode Ch46 pk



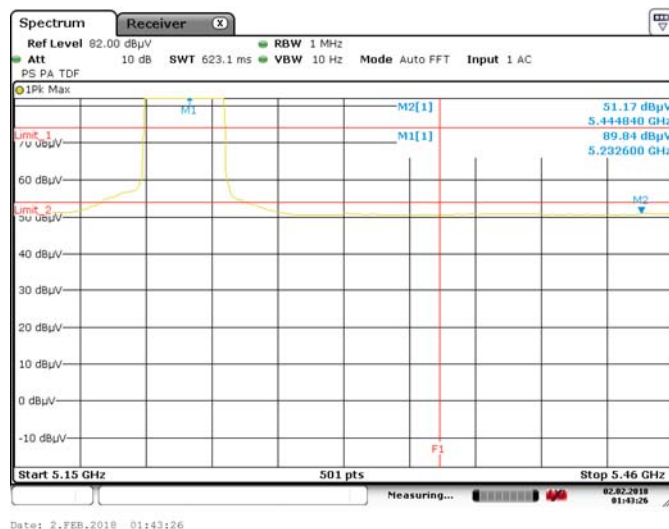
### Restricted Band @ 802.11n40 Mode Ch38 av



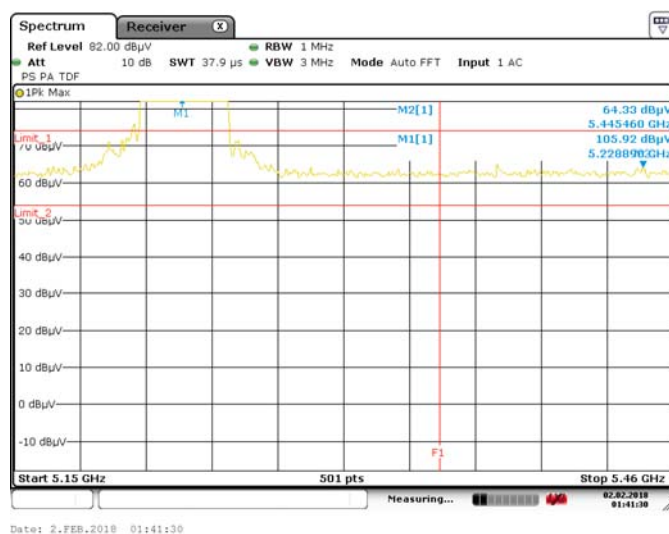
### Restricted Band @ 802.11n40 Mode Ch38 pk



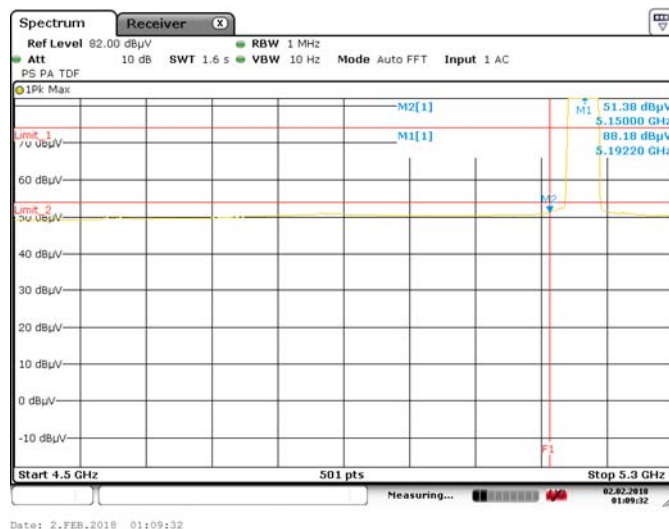
### Restricted Band @ 802.11n40 Mode Ch46 av



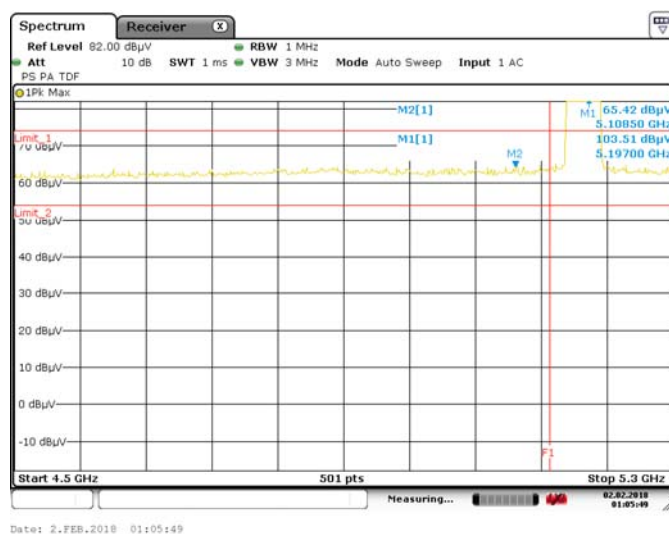
### Restricted Band @ 802.11n40 Mode Ch46 pk



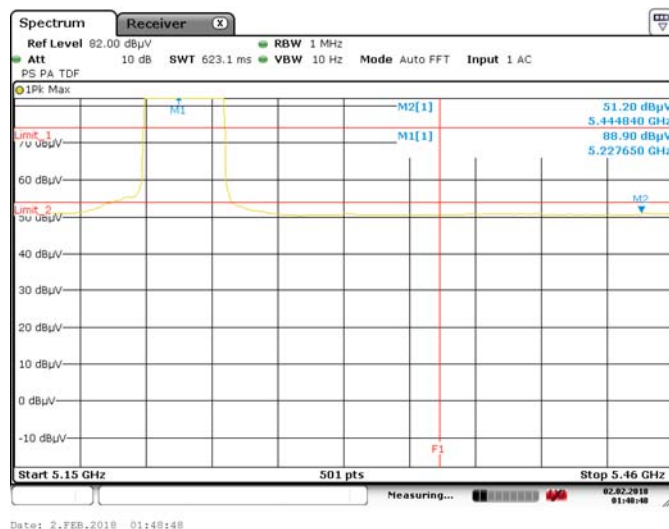
### Restricted Band @ 802.11n40 Mode Ch38 av



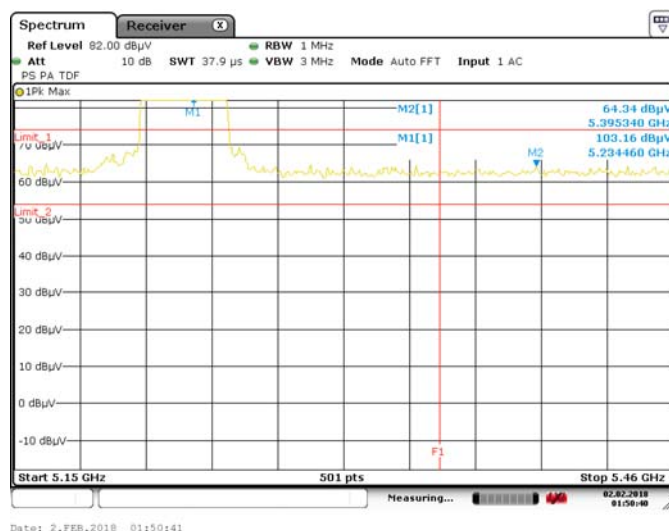
### Restricted Band @ 802.11n40 Mode Ch38 pk



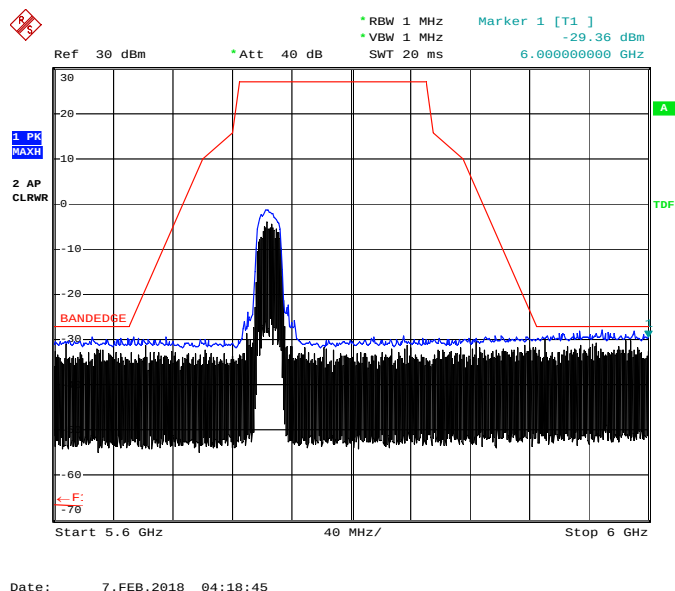
### Restricted Band @ 802.11n40 Mode Ch46 av



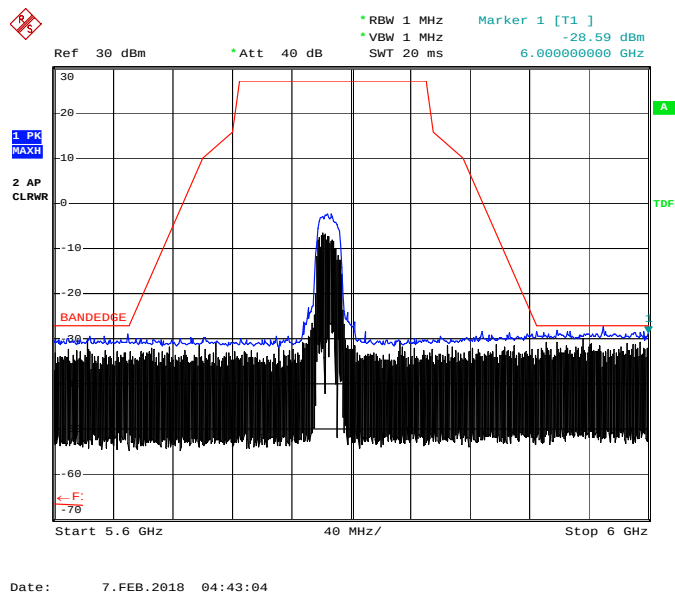
### Restricted Band @ 802.11n40 Mode Ch46 pk



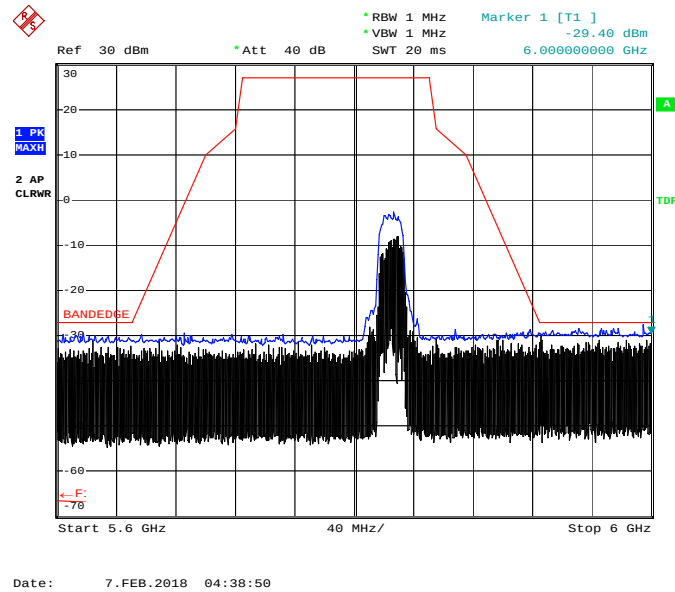
# Out-of-band emission limits for U-NII-3 @ 11a chain0 ch149 Lower Mode



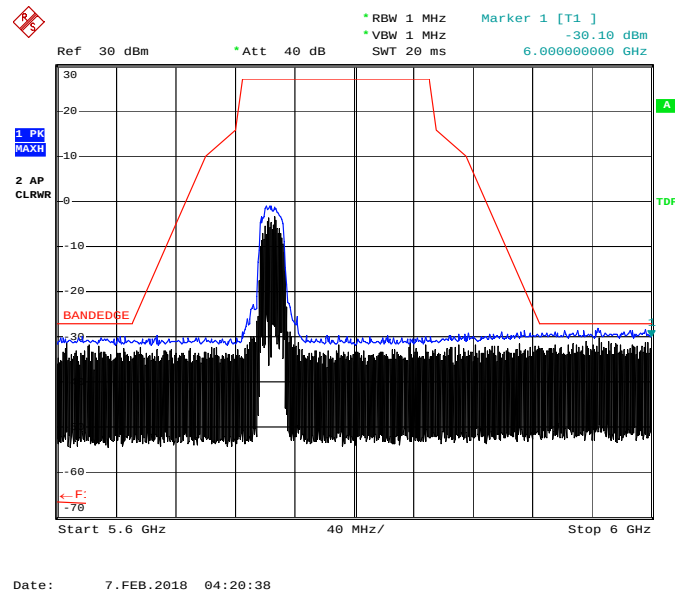
# Out-of-band emission limits for U-NII-3 @ 11a chain0 ch157 Mid. Mode



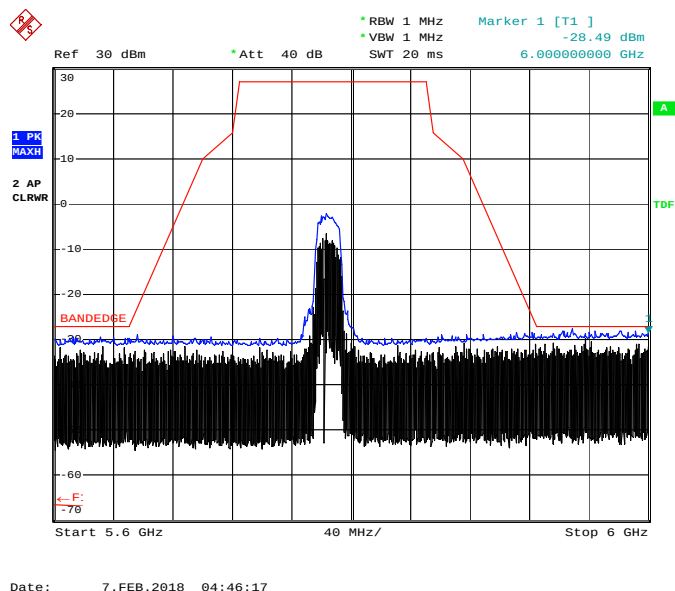
# Out-of-band emission limits for U-NII-3 @ 11a chain0 ch165 Upper Mode



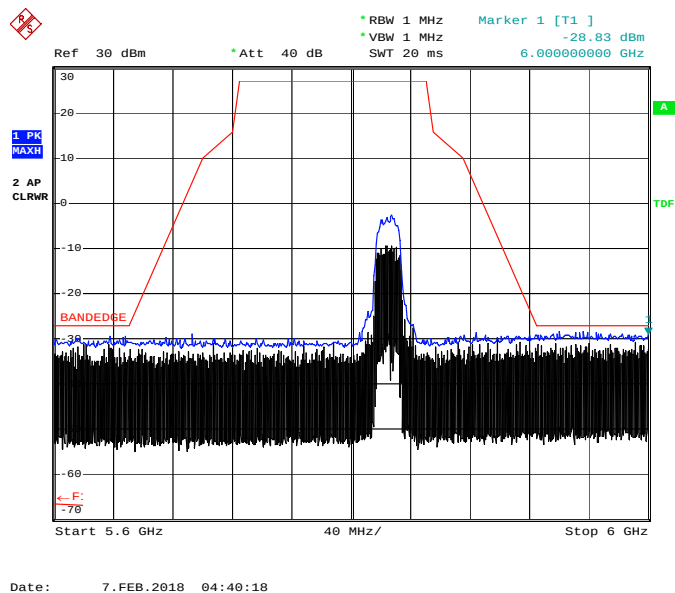
# Out-of-band emission limits for U-NII-3 @ 11a chain1 ch149 Lower Mode



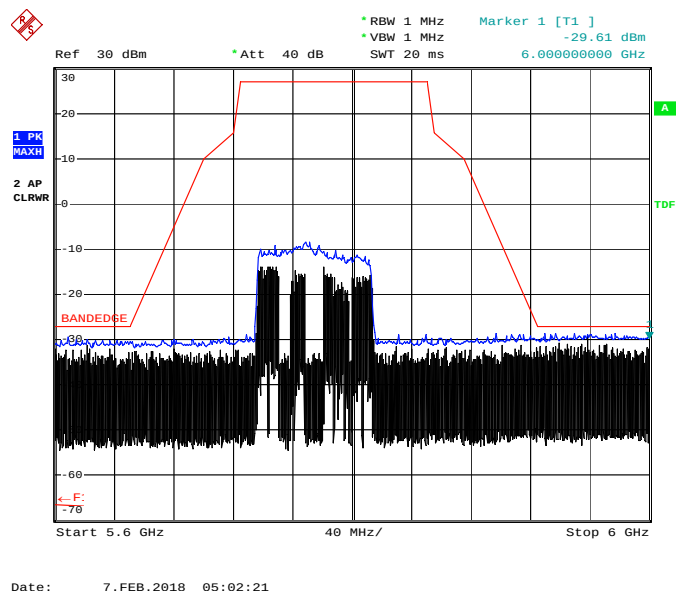
# Out-of-band emission limits for U-NII-3 @ 11a chain1 ch157 Mid. Mode



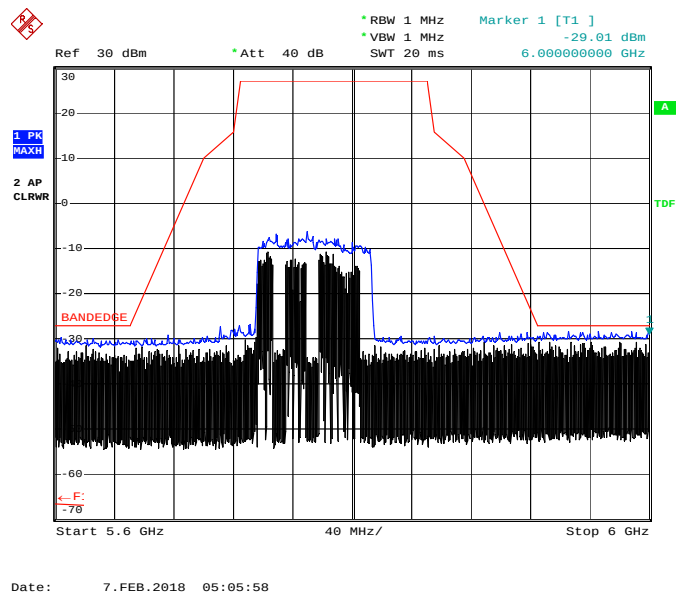
# Out-of-band emission limits for U-NII-3 @ 11a chain1 ch165 Upper Mode



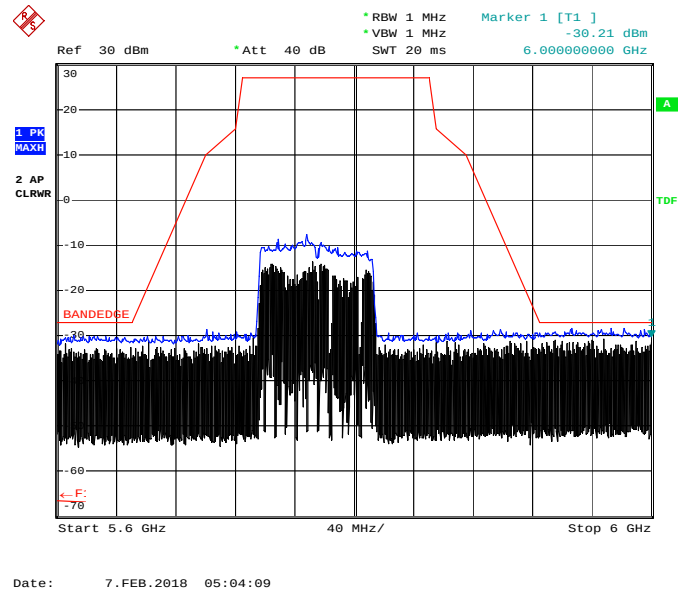
### Out-of-band emission limits for U-NII-3 @ 11ac chain0 ch155 Mode



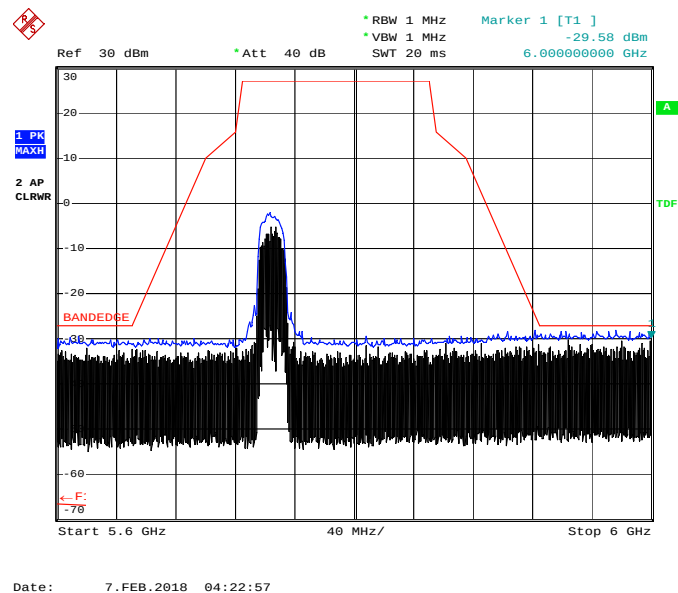
### Out-of-band emission limits for U-NII-3 @ 11ac chain0+1 ch155 Mode



### Out-of-band emission limits for U-NII-3 @ 11ac chain1 ch155 Mode



### Out-of-band emission limits for U-NII-3 @ 11n20 chain0 ch149 Lower Mode



1. PK MAXH

2. AP CLRWR

BANDEDGE

← F: ~70

Start 5.6 GHz 40 MHz/ Stop 6 GHz

Ref 30 dBm Att 40 dB RBW 1 MHz VBW 1 MHz SWT 20 ms Marker 1 [T1] -29.78 dBm 6.00000000 GHz

Ref 30 dBm Att 40 dB RBW 1 MHz VBW 1 MHz SWT 20 ms Marker 1 [T1] -29.67 dBm 6.00000000 GHz

1 PK MAXH 2 AP CLRWR

BANDPASS

← F: -78

Start 5.6 GHz 40 MHz/ Stop 6 GHz

Date: 7.FEB.2018 04:33:50