INTERTEK TESTING SERVICES
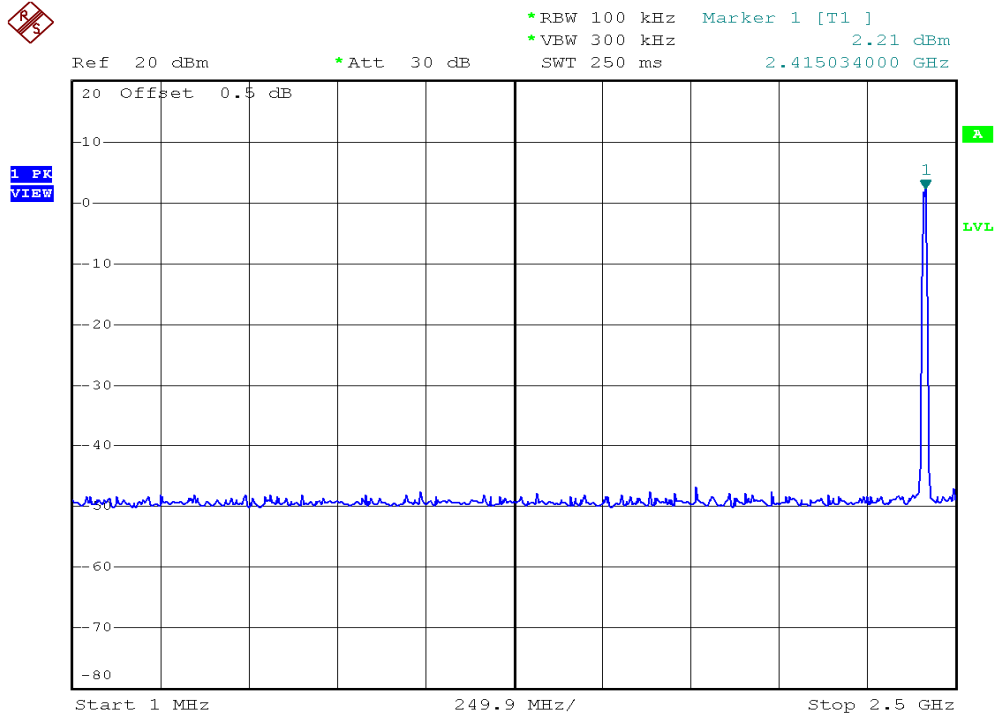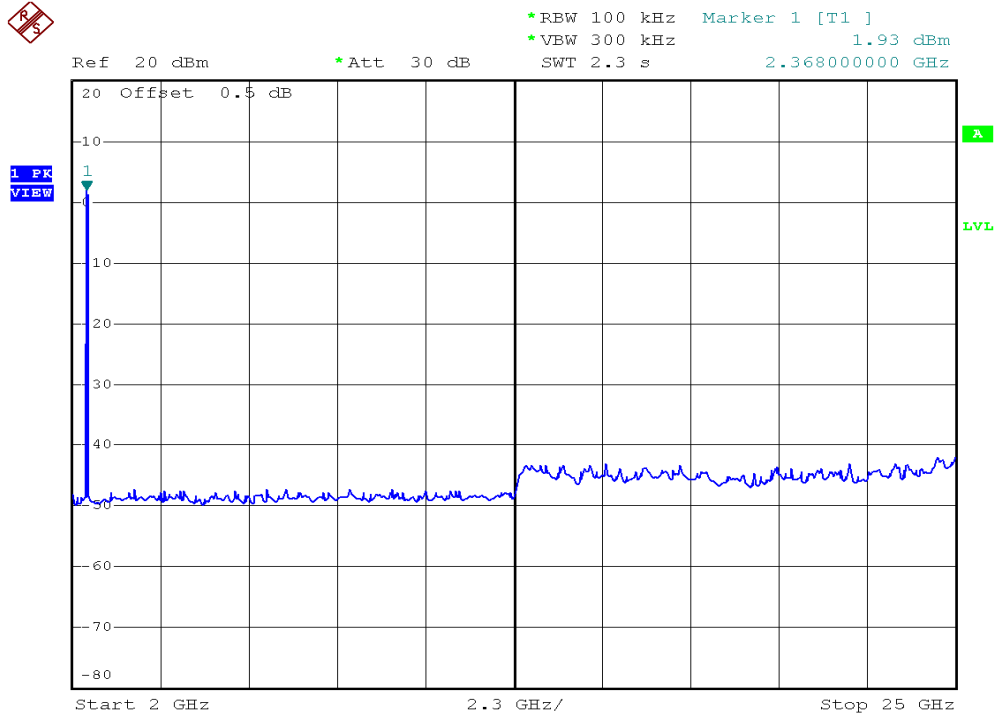
Out Band Antenna Conducted Emission Plots

802.11b, Lowest Channel, Antenna 0, Plot A
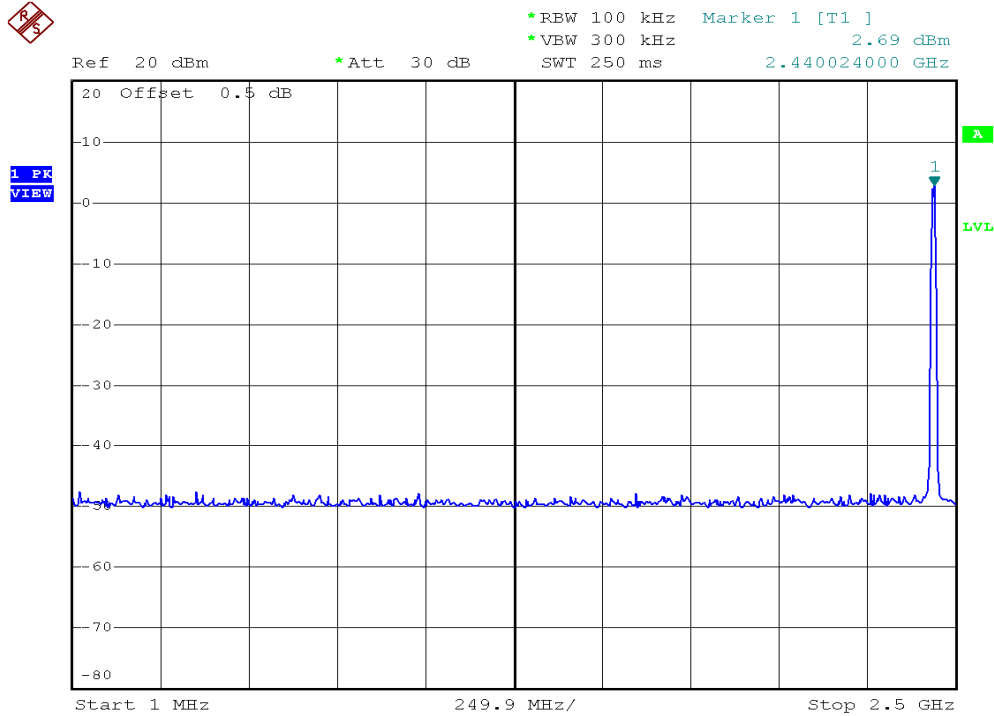
```
                                    *RBW 100 kHz   Marker 1 [T1 ]
                                    *VBW 300 kHz              2.21 dBm
       Ref  20 dBm      *Att  30 dB  SWT 250 ms       2.415034000 GHz

       20  Offset  0.5 dB
                                                                      A
      -10
 1 PK
 VIEW                                                                1
      -0                                                             LVL

      -10

      -20

      -30

      -40

      -50

      -60

      -70

      -80
       Start 1 MHz           249.9 MHz/          Stop 2.5 GHz
```

802.11b, Lowest Channel, Antenna 0, Plot B

```
                                    *RBW 100 kHz   Marker 1 [T1 ]
                                    *VBW 300 kHz              1.93 dBm
       Ref  20 dBm      *Att  30 dB  SWT 2.3 s        2.368000000 GHz

       20  Offset  0.5 dB
                                                                      A
      -10
 1 PK     1
 VIEW
      -0                                                             LVL

       10

       20

       30

       40

       50

      -60

      -70

      -80
       Start 2 GHz            2.3 GHz/           Stop 25 GHz
```
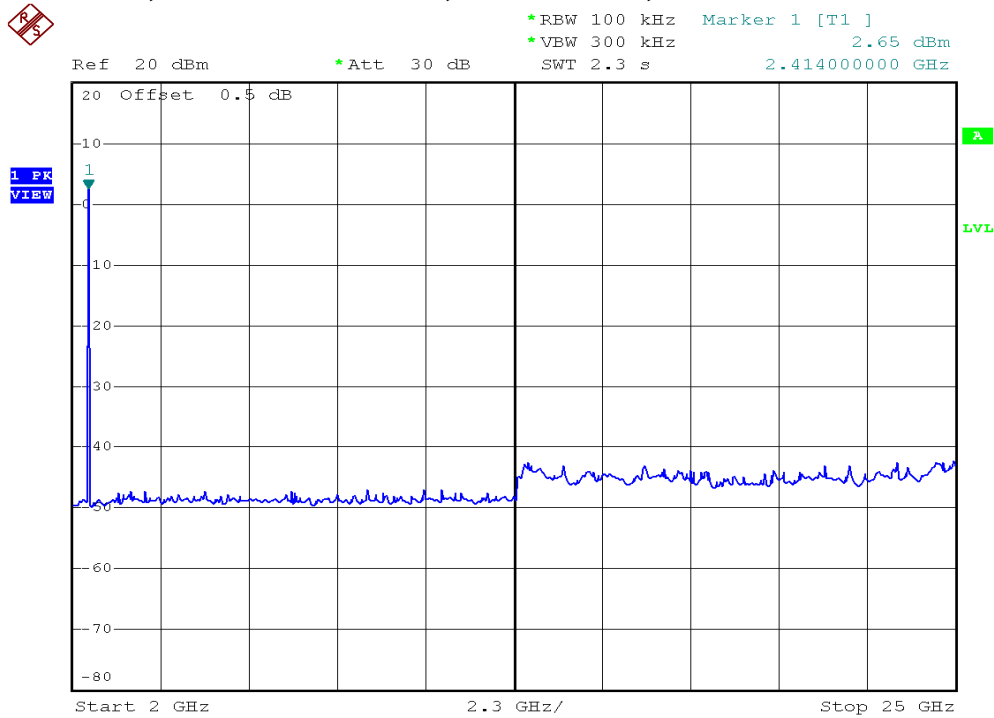
INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11b, Middle Channel, Antenna 0, Plot A

```
                                    *RBW 100 kHz   Marker 1 [T1 ]
                                    *VBW 300 kHz              2.69 dBm
        Ref  20 dBm       *Att  30 dB    SWT 250 ms      2.440024000 GHz
```



```
Start 1 MHz              249.9 MHz/              Stop 2.5 GHz
```

802.11b, Middle Channel, Antenna 0, Plot B

```
                                    *RBW 100 kHz   Marker 1 [T1 ]
                                    *VBW 300 kHz              2.65 dBm
        Ref  20 dBm       *Att  30 dB    SWT 2.3 s       2.414000000 GHz
```



```
Start 2 GHz              2.3 GHz/               Stop 25 GHz
```

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11b, Highest Channel, Antenna 0, Plot A
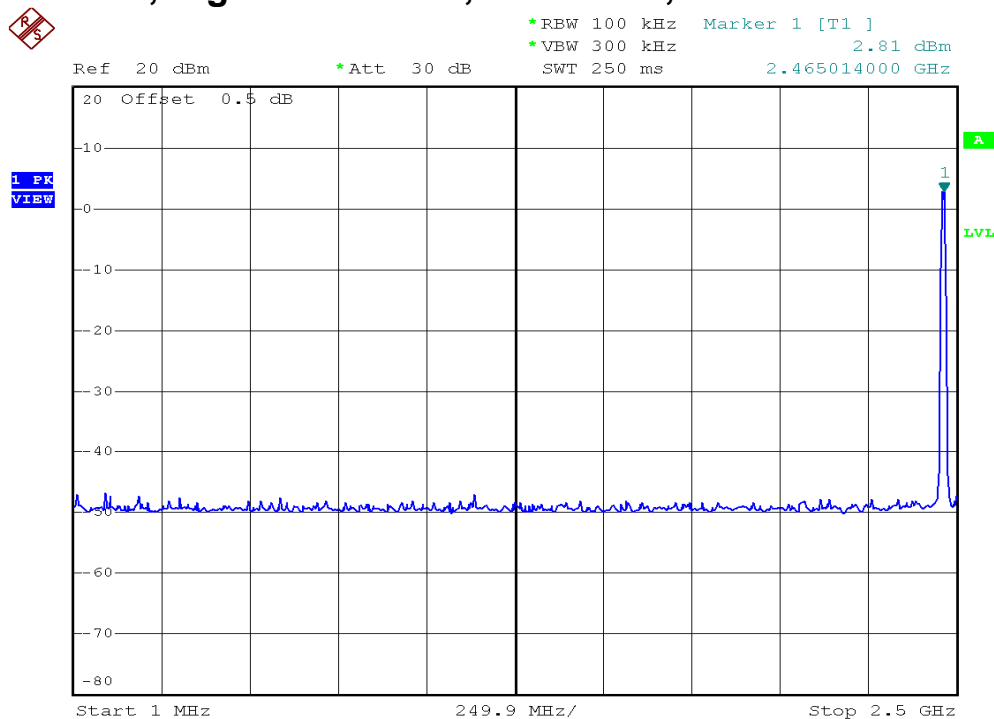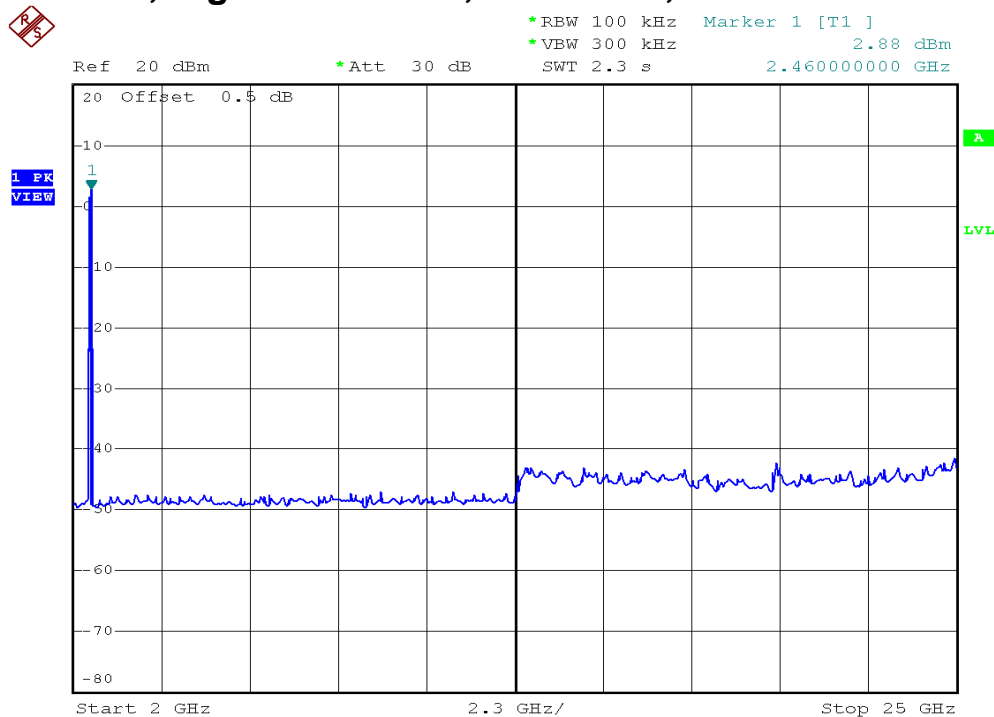
```
                                    *RBW  100 kHz   Marker 1 [T1 ]
                                    *VBW  300 kHz           2.81 dBm
        Ref   20 dBm       *Att   30 dB    SWT  250 ms      2.465014000 GHz

        20  Offset   0.5 dB
                                                                        A
        -10
1 PK                                                                  1
VIEW                                                                     LVL
        0
        -10
        -20
        -30
        -40

        -60
        -70
        -80
        Start 1 MHz              249.9 MHz/              Stop 2.5 GHz
```
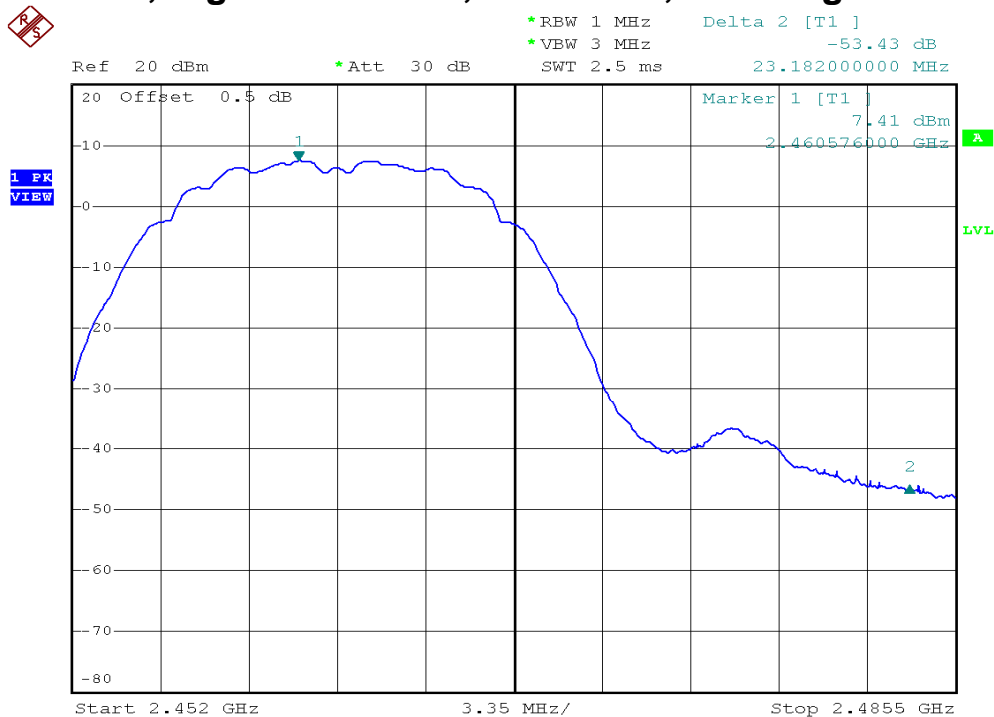
802.11b, Highest Channel, Antenna 0, Plot B

```
                                    *RBW  100 kHz   Marker 1 [T1 ]
                                    *VBW  300 kHz           2.88 dBm
        Ref   20 dBm       *Att   30 dB    SWT  2.3 s       2.460000000 GHz

        20  Offset   0.5 dB
                                                                        A
        -10
1 PK   1
VIEW                                                                     LVL
        0
        10
        20
        30
        40

        -60
        -70
        -80
        Start 2 GHz              2.3 GHz/               Stop 25 GHz
```

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11b, Lowest Channel, Antenna 0, Bandedge
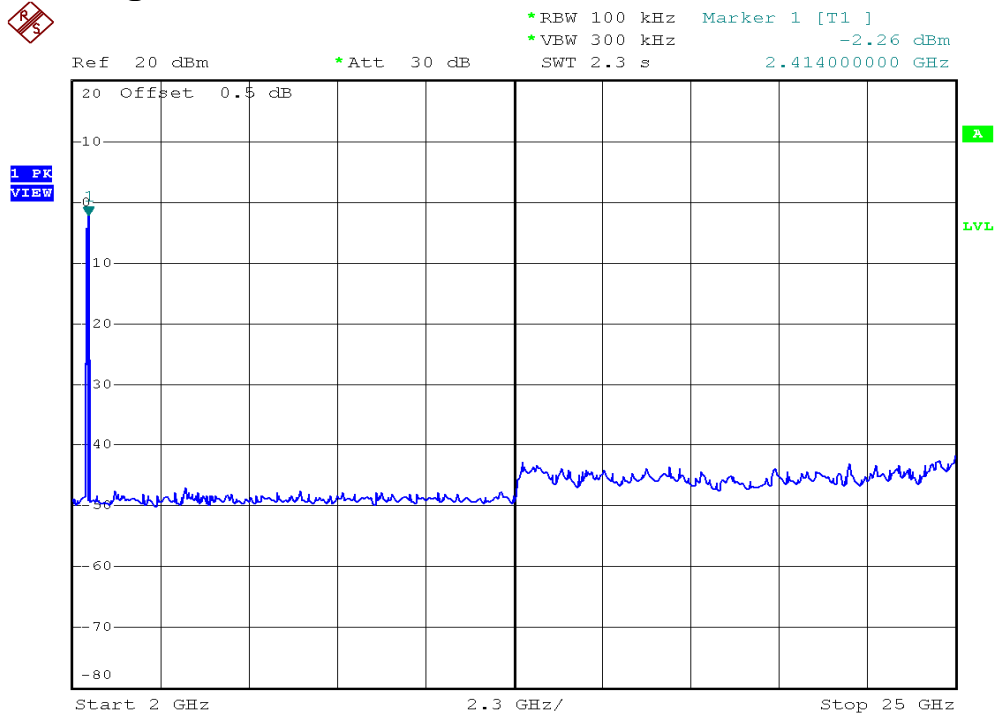

802.11b, Highest Channel, Antenna 0, Bandedge

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots
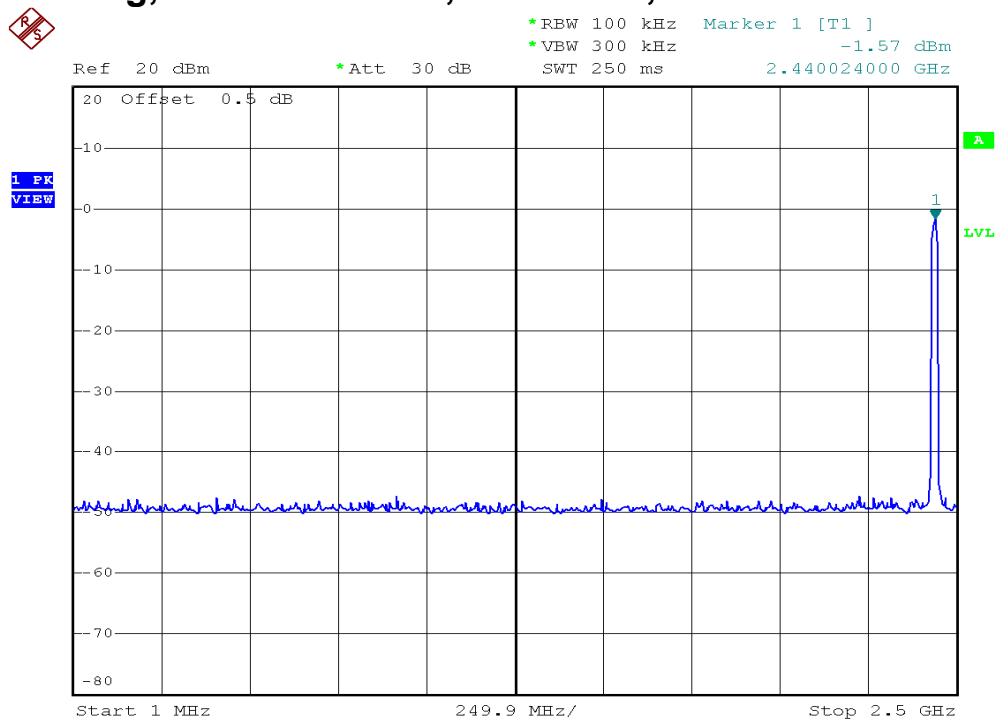
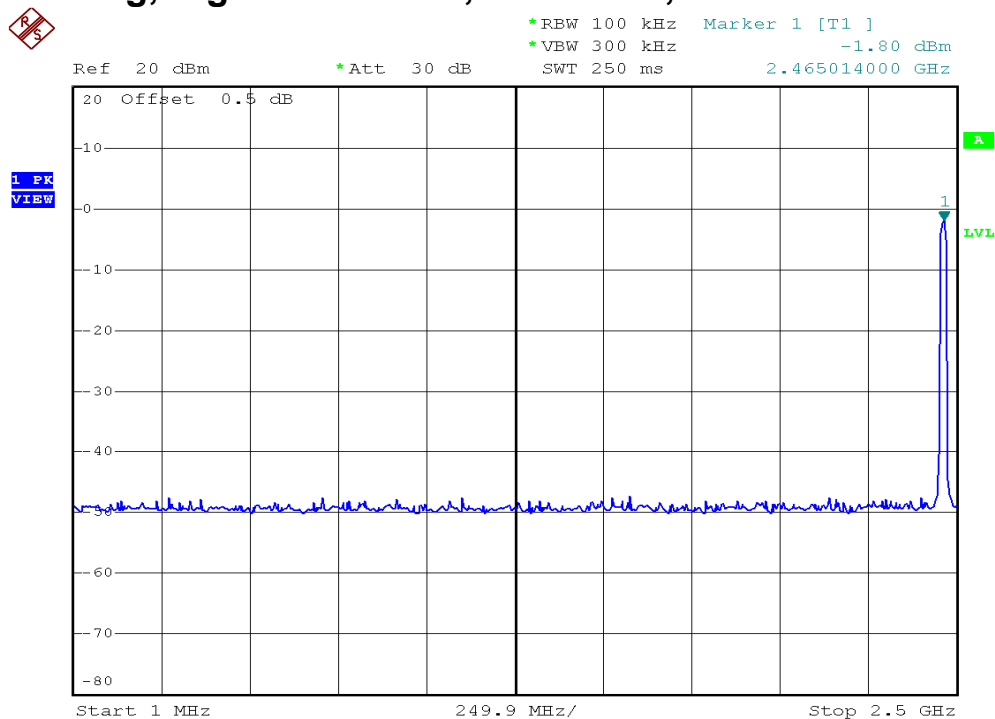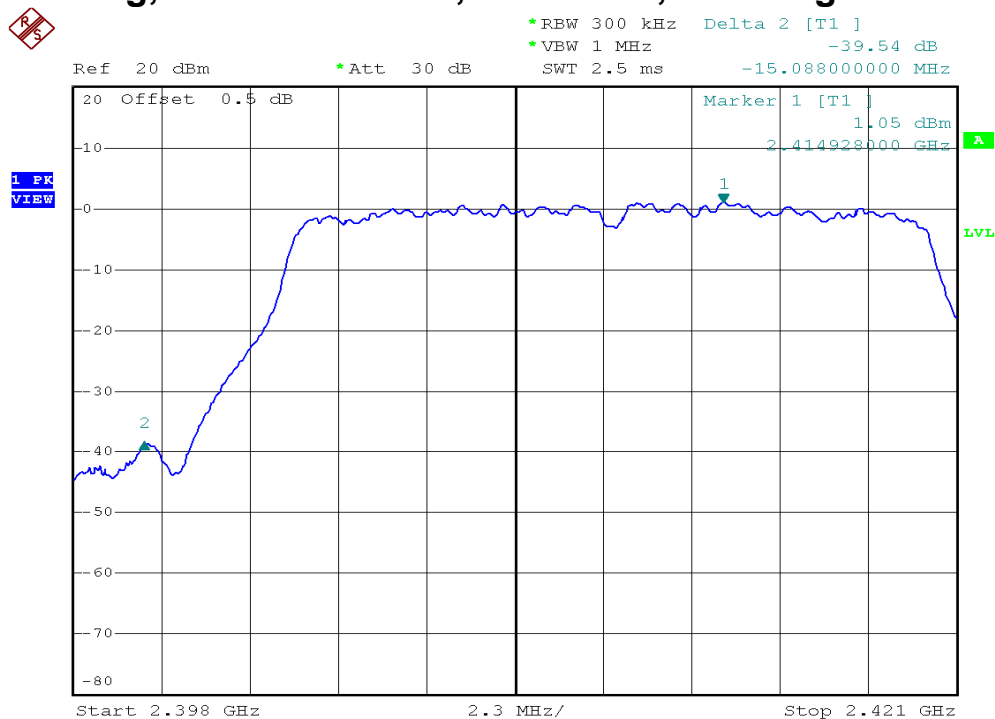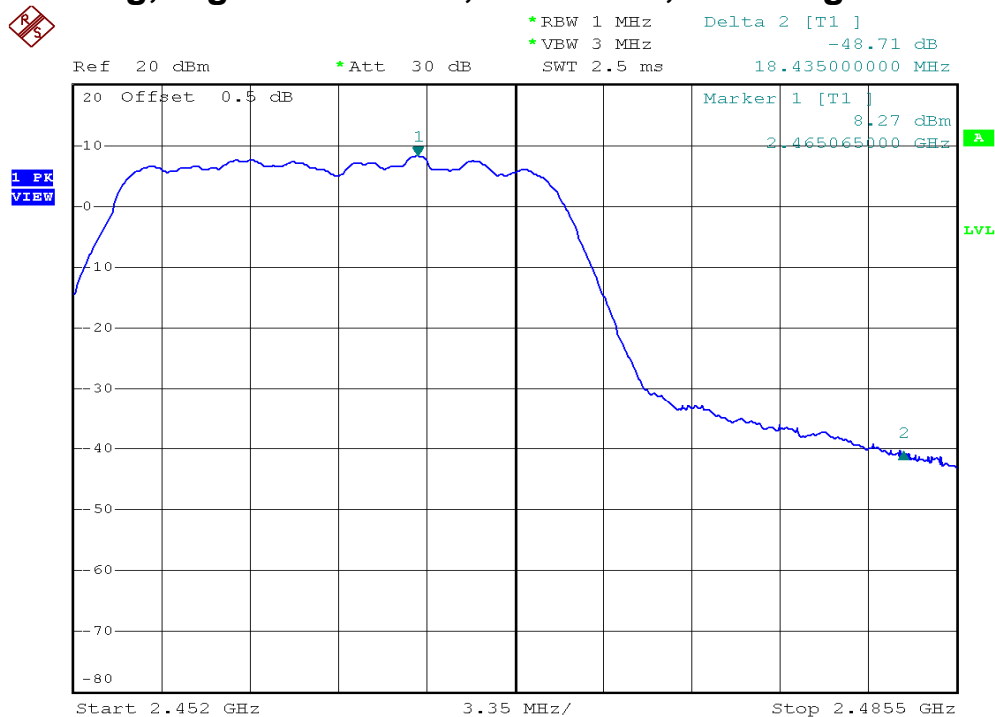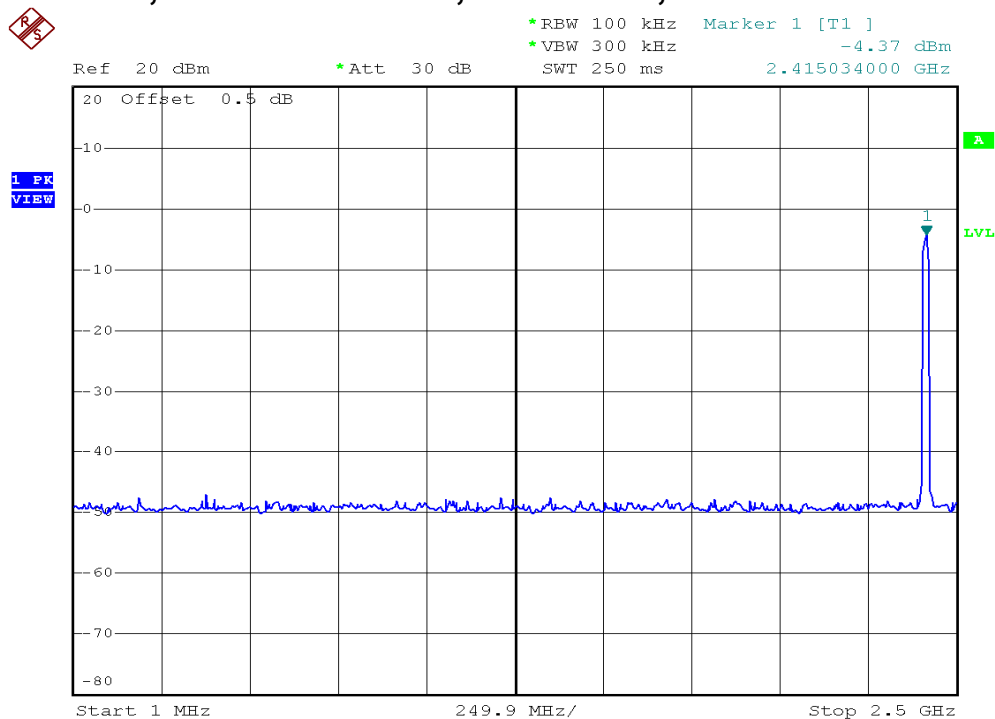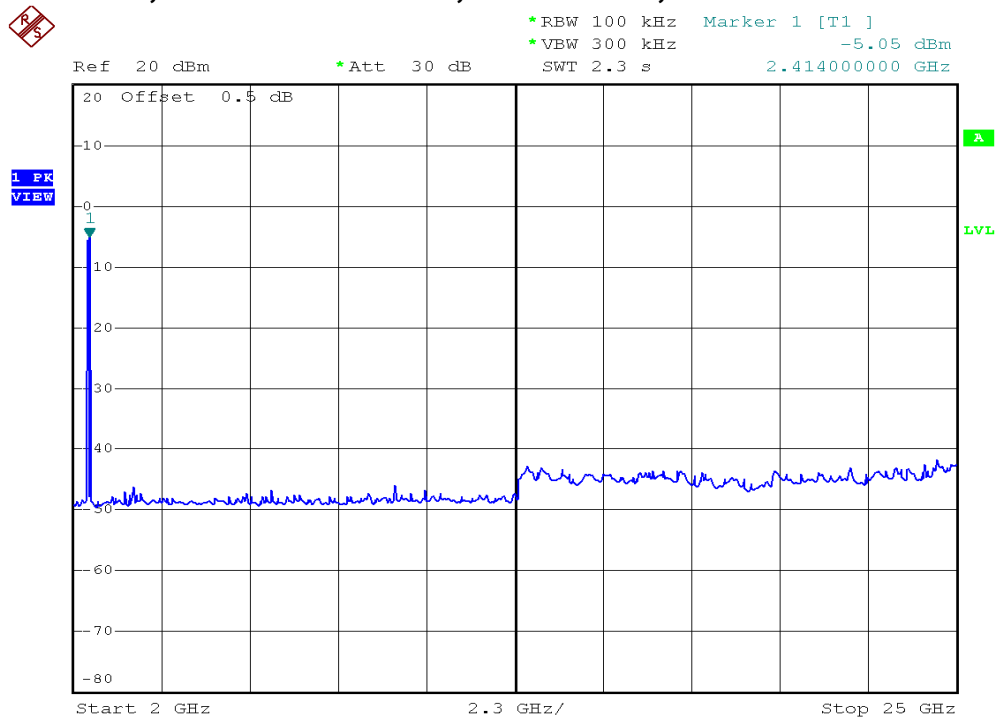### 802.11g, Lowest Channel, Antenna 0, Plot A

```
                                      *RBW  100 kHz    Marker 1 [T1 ]
                                      *VBW  300 kHz              -2.04 dBm
        Ref   20 dBm        *Att   30 dB    SWT  250 ms      2.415034000 GHz
```



```
Start 1 MHz                    249.9 MHz/              Stop 2.5 GHz
```

802.11g, Lowest Channel, Antenna 0, Plot B

```
                                      *RBW  100 kHz    Marker 1 [T1 ]
                                      *VBW  300 kHz              -2.26 dBm
        Ref   20 dBm        *Att   30 dB    SWT  2.3 s       2.414000000 GHz
```



```
Start 2 GHz                     2.3 GHz/              Stop 25 GHz
```
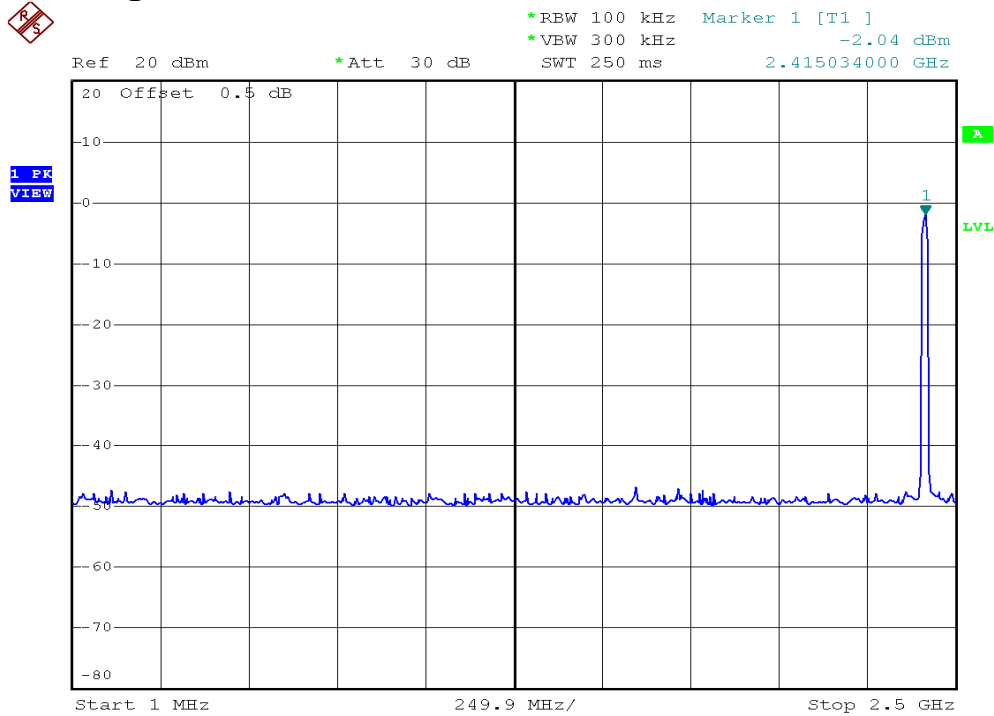
INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11g, Middle Channel, Antenna 0, Plot A


```
                                    *RBW 100 kHz   Marker 1 [T1 ]
                                    *VBW 300 kHz            -1.57 dBm
        Ref  20 dBm       *Att  30 dB   SWT 250 ms      2.440024000 GHz
```

Start 1 MHz   249.9 MHz/   Stop 2.5 GHz

802.11g, Middle Channel, Antenna 0, Plot B


```
                                    *RBW 100 kHz   Marker 1 [T1 ]
                                    *VBW 300 kHz            -3.39 dBm
        Ref  20 dBm       *Att  30 dB   SWT 2.3 s       2.414000000 GHz
```

Start 2 GHz   2.3 GHz/   Stop 25 GHz
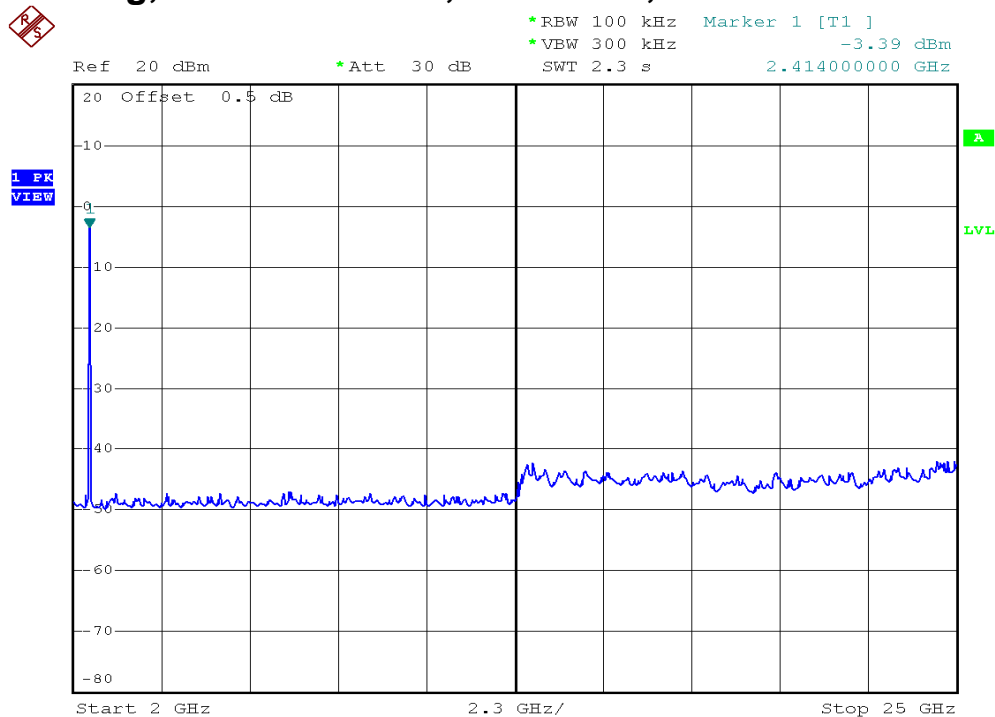
INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11g, Highest Channel, Antenna 0, Plot A

802.11g, Highest Channel, Antenna 0, Plot B
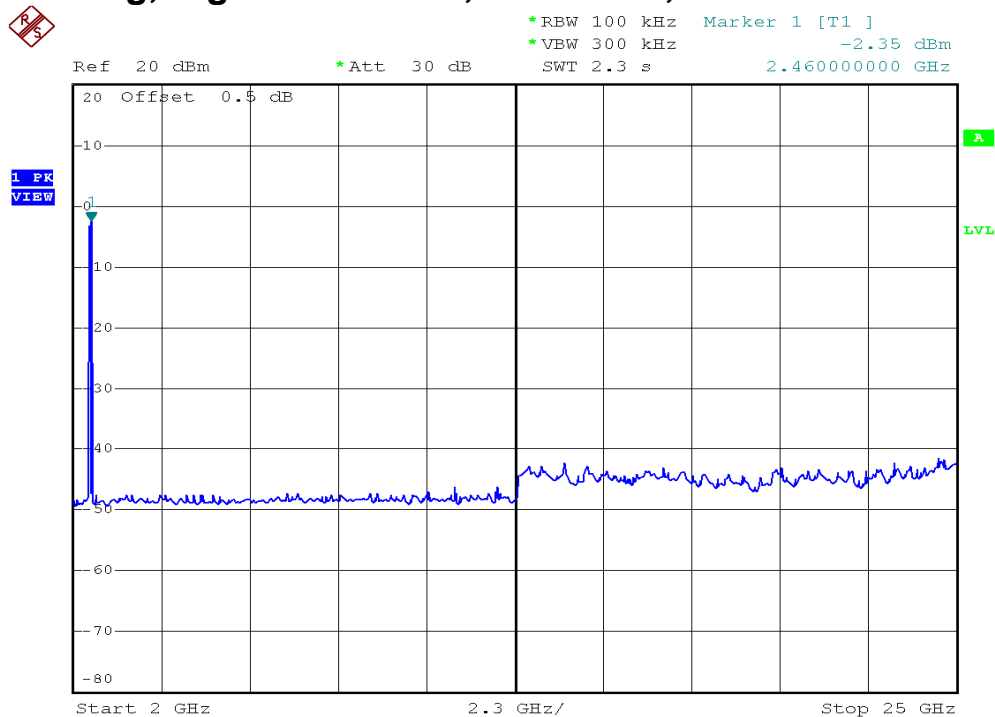
INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots
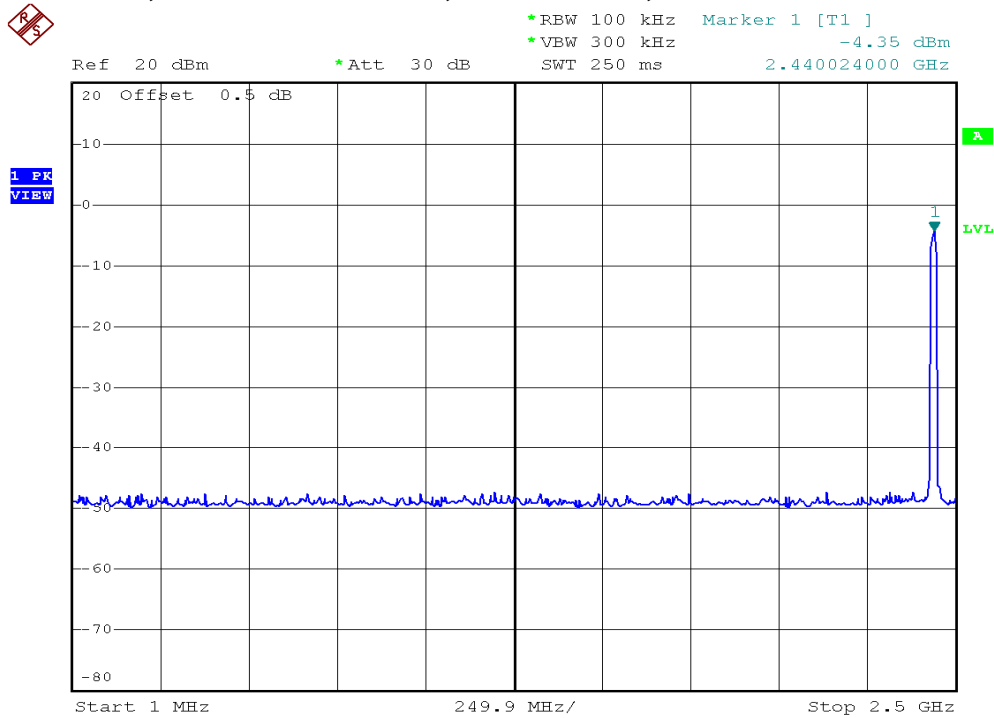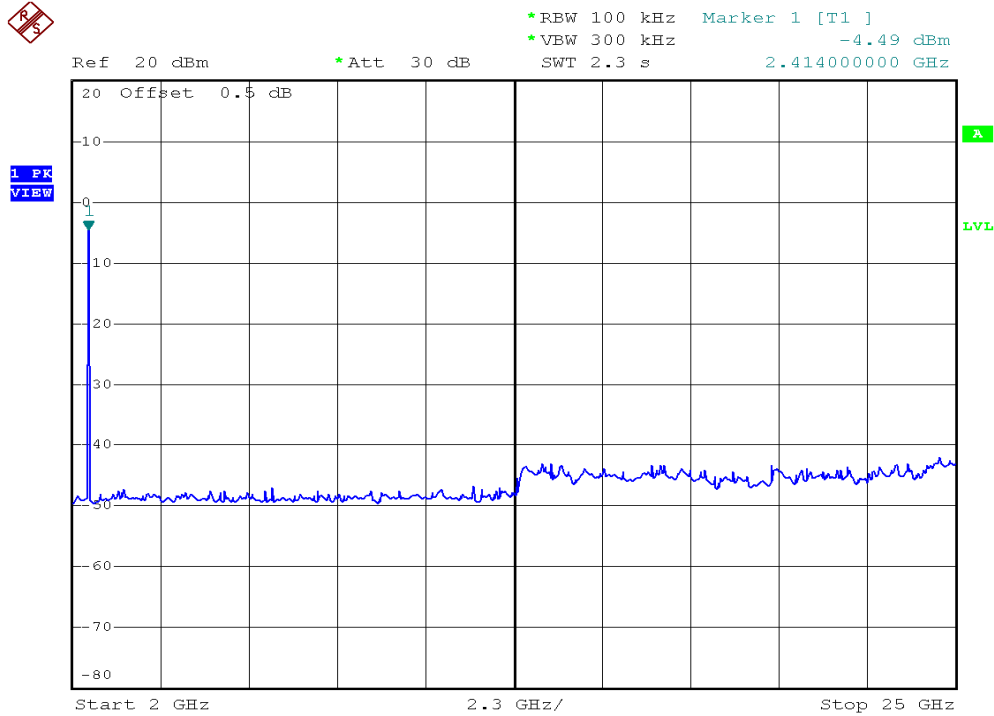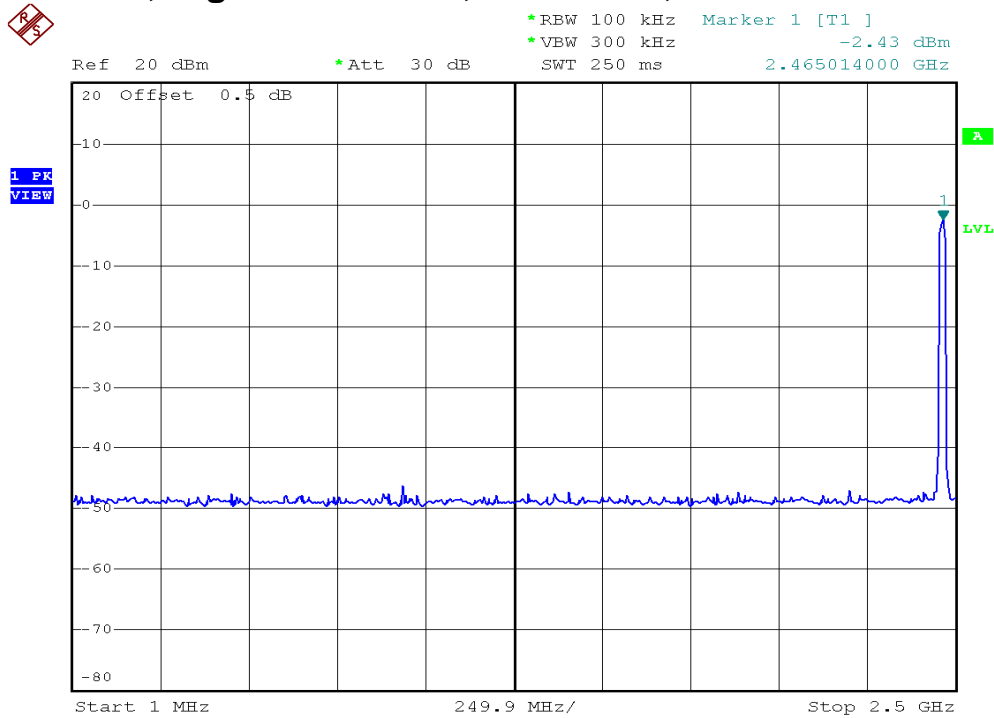
802.11g, Lowest Channel, Antenna 0, Bandedge

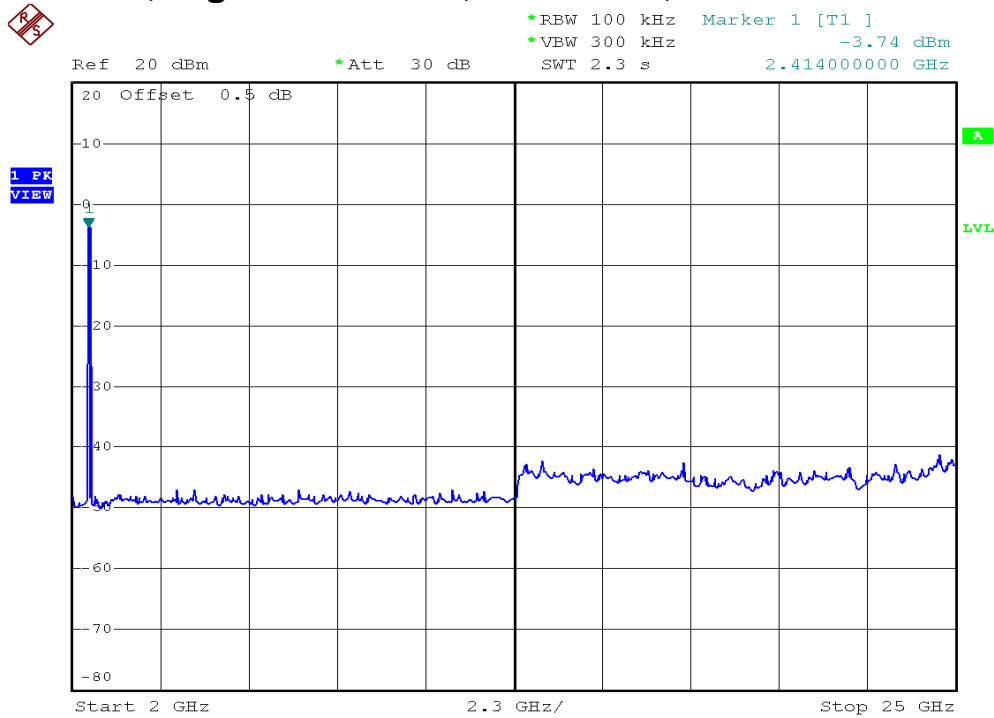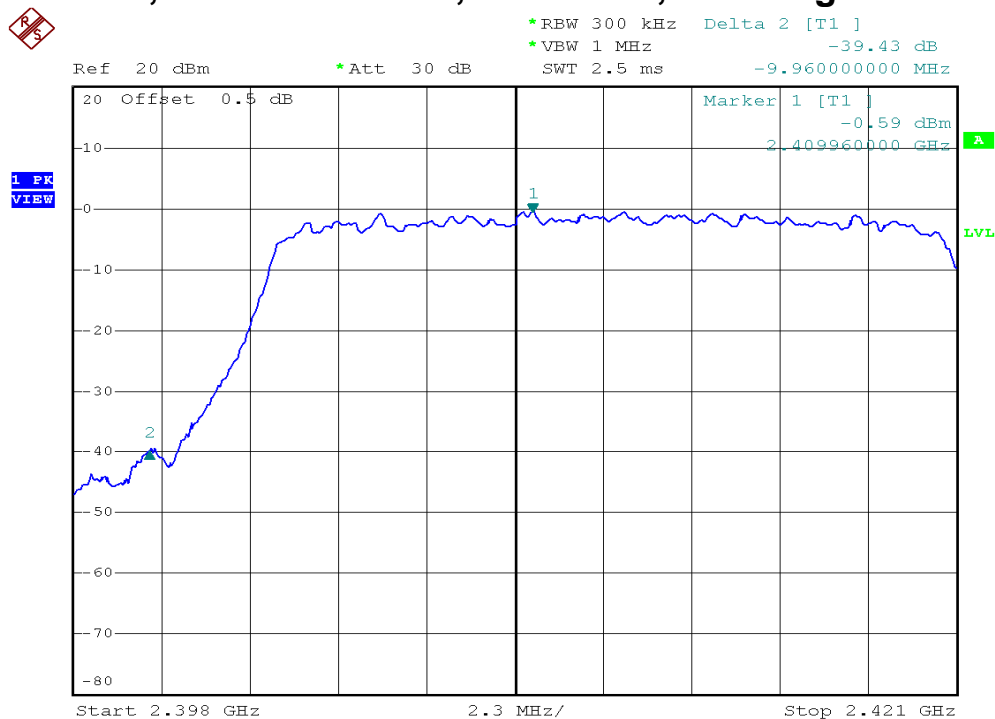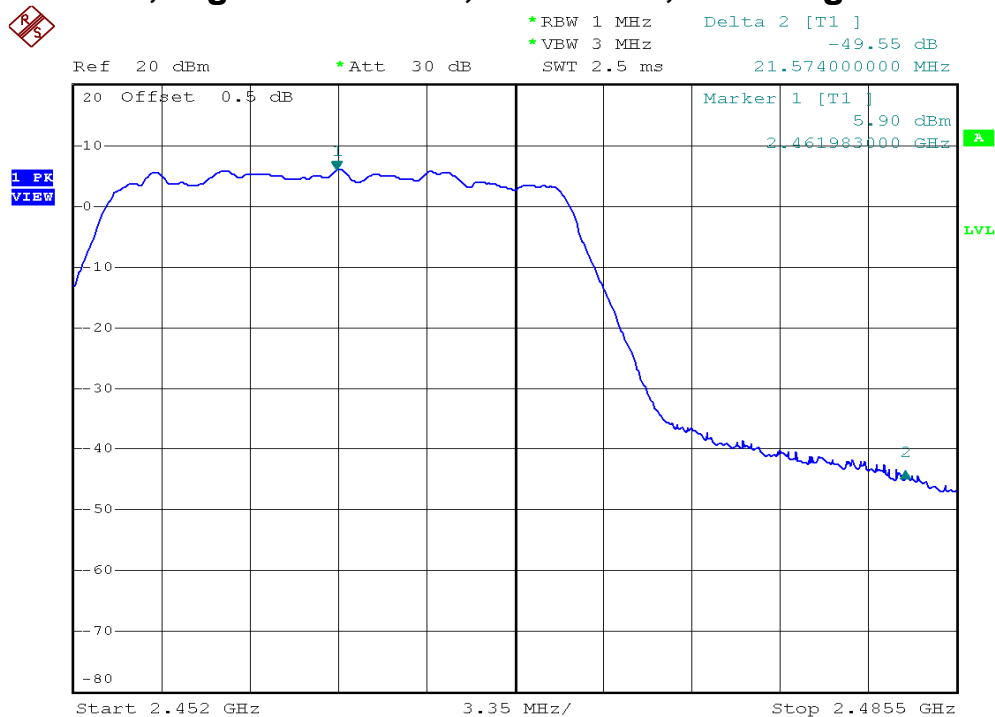### 802.11g, Highest Channel, Antenna 0, Bandedge

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11n, Lowest Channel, Antenna 0, Plot A

802.11n, Lowest Channel, Antenna 0, Plot B

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11n, Middle Channel, Antenna 0, Plot A


```
                                              *RBW  100 kHz    Marker 1 [T1 ]
                                              *VBW  300 kHz            -4.35 dBm
        Ref   20 dBm            *Att   30 dB   SWT  250 ms       2.440024000 GHz
```
```
         20  Offset   0.5 dB                                                    A

        -10

1 PK
VIEW      0                                                                   1
                                                                               LVL
        -10

        -20

        -30

        -40

        -50

        -60

        -70

        -80

        Start 1 MHz              249.9 MHz/              Stop 2.5 GHz
```

802.11n, Middle Channel, Antenna 0, Plot B


```
                                              *RBW  100 kHz    Marker 1 [T1 ]
                                              *VBW  300 kHz            -4.49 dBm
        Ref   20 dBm            *Att   30 dB   SWT  2.3 s       2.414000000 GHz
```
```
         20  Offset   0.5 dB                                                    A

        -10

1 PK
VIEW      0  1
                                                                               LVL
        10

        20

        30

        40

        50

        60

        70

        80

        Start 2 GHz               2.3 GHz/               Stop 25 GHz
```

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11n, Highest Channel, Antenna 0, Plot A

802.11n, Highest Channel, Antenna 0, Plot B

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots
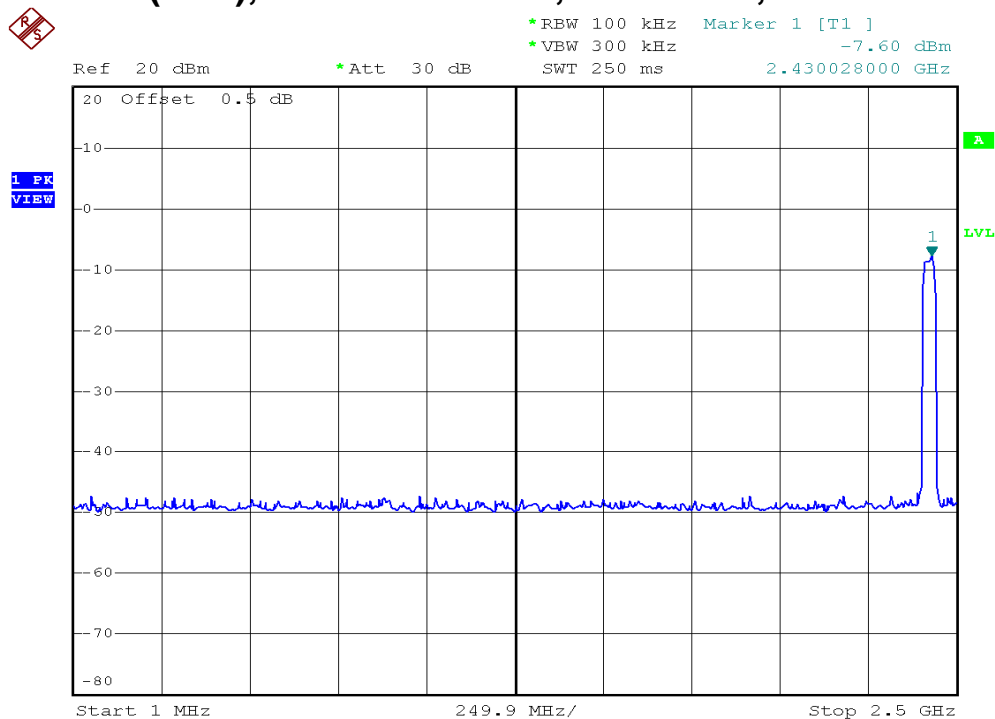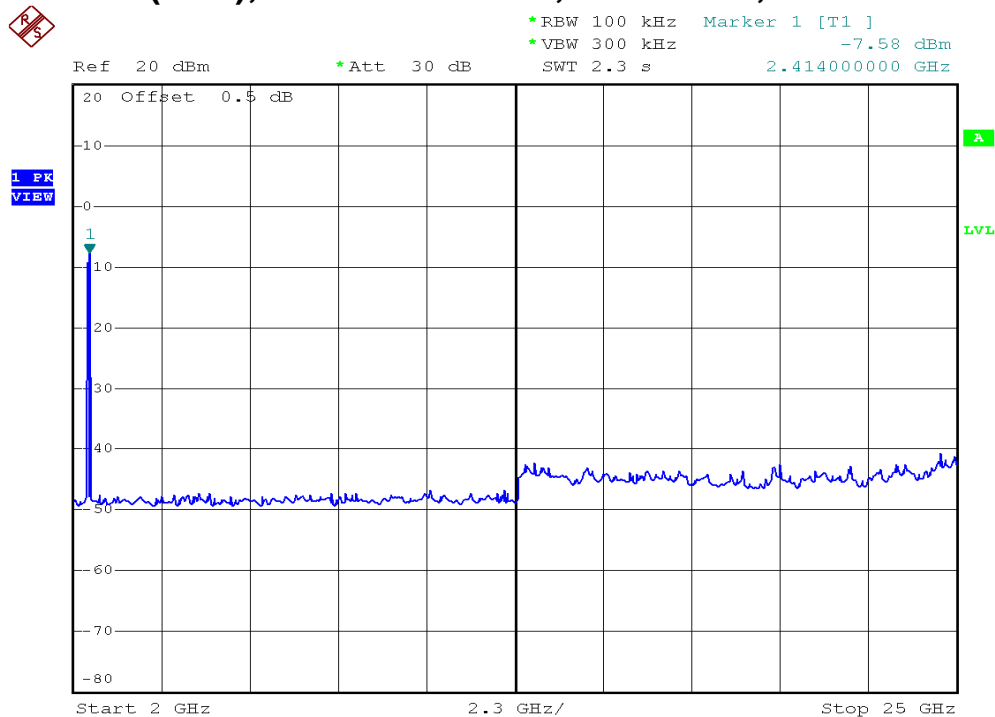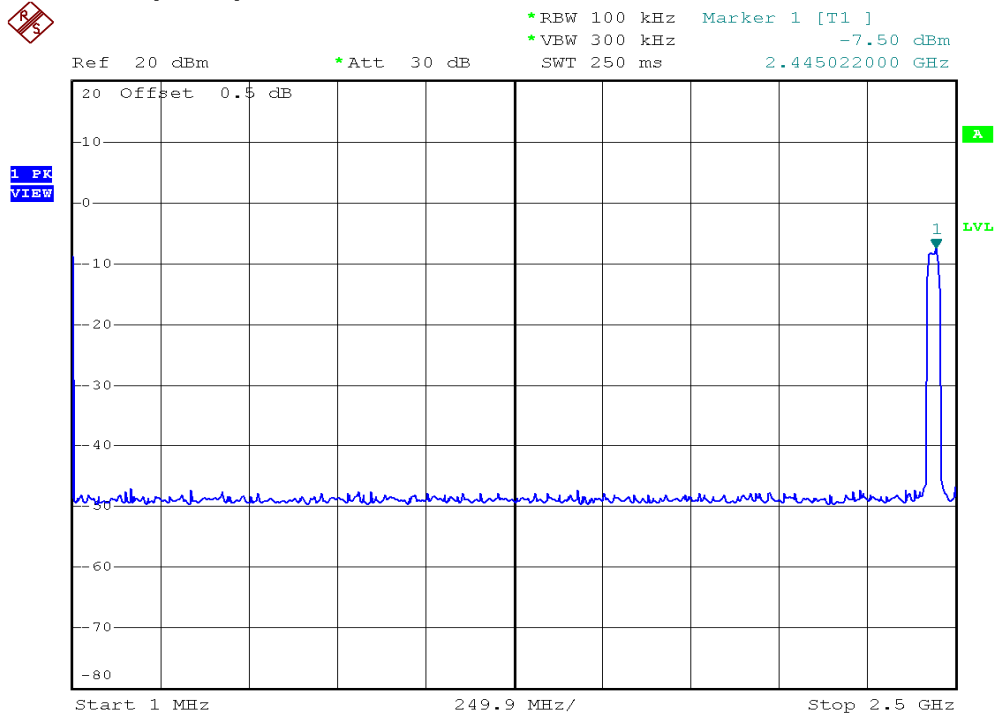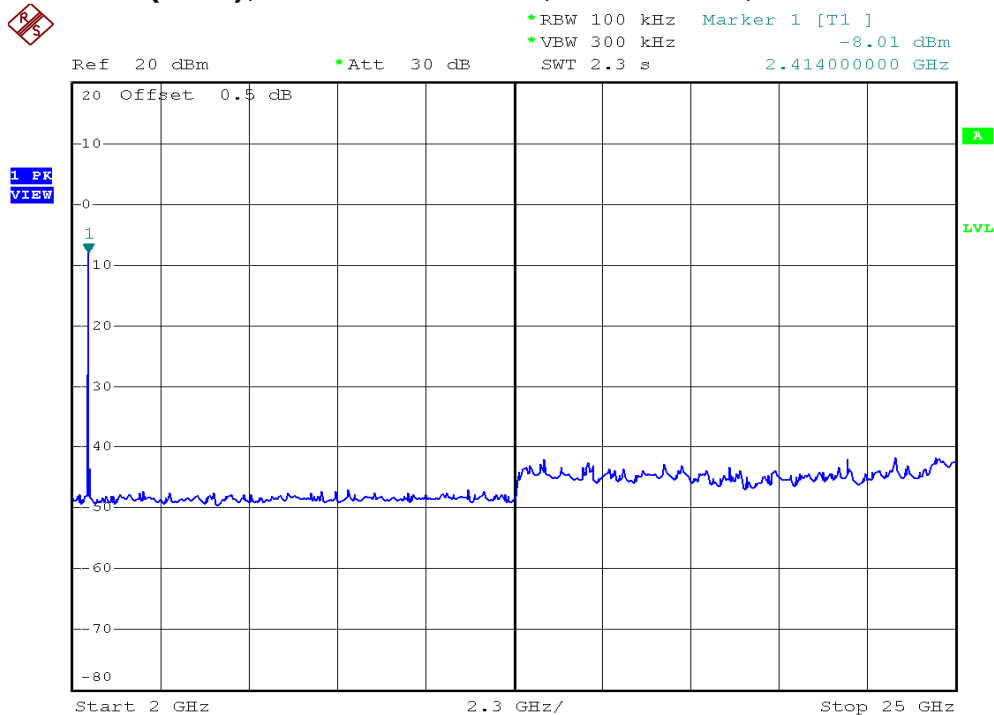
802.11n, Lowest Channel, Antenna 0, Bandedge

802.11n, Highest Channel, Antenna 0, Bandedge

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11n(40m), Lowest Channel, Antenna 0, Plot A
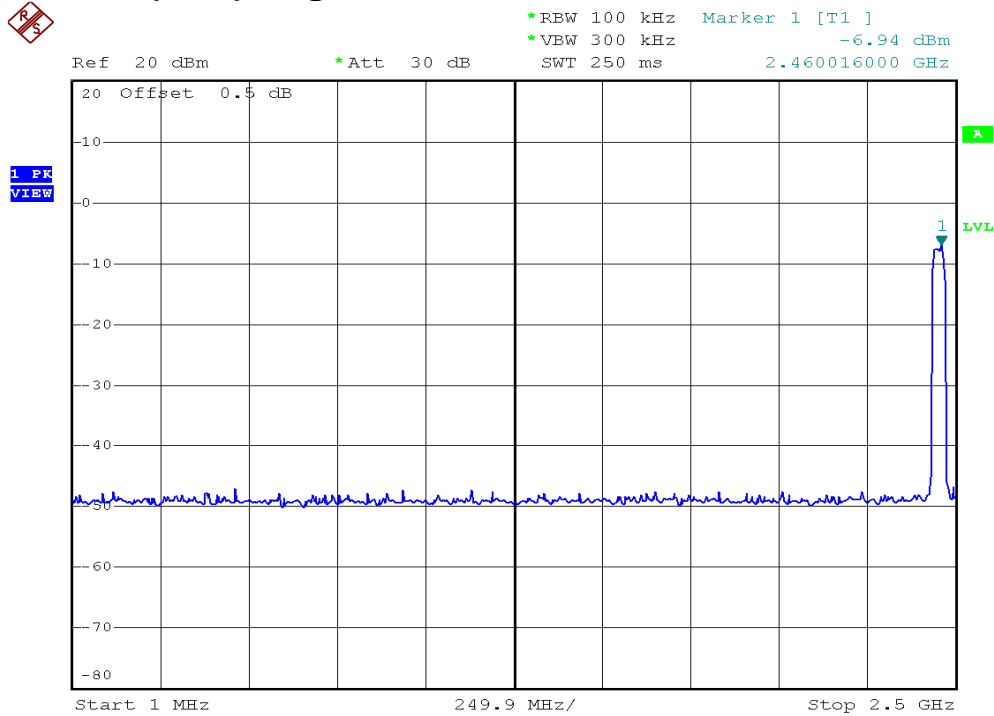


```
                                    *RBW  100 kHz   Marker 1 [T1 ]
                                    *VBW  300 kHz            -7.60 dBm
        Ref  20 dBm        *Att  30 dB   SWT 250 ms      2.430028000 GHz

        20  Offset  0.5 dB                                          A
      -10
1 PK
VIEW   0                                                            1   LVL
      -10
      -20
      -30
      -40
      -50
      -60
      -70
      -80
        Start 1 MHz           249.9 MHz/           Stop 2.5 GHz
```

802.11n(40m), Lowest Channel, Antenna 0, Plot B


```
                                    *RBW  100 kHz   Marker 1 [T1 ]
                                    *VBW  300 kHz            -7.58 dBm
        Ref  20 dBm        *Att  30 dB   SWT 2.3 s       2.414000000 GHz

        20  Offset  0.5 dB                                          A
      -10
1 PK
VIEW   0
       1                                                            LVL
      -10
      -20
      -30
      -40
      -50
      -60
      -70
      -80
        Start 2 GHz            2.3 GHz/            Stop 25 GHz
```

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11n(40m), Middle Channel, Antenna 0, Plot A
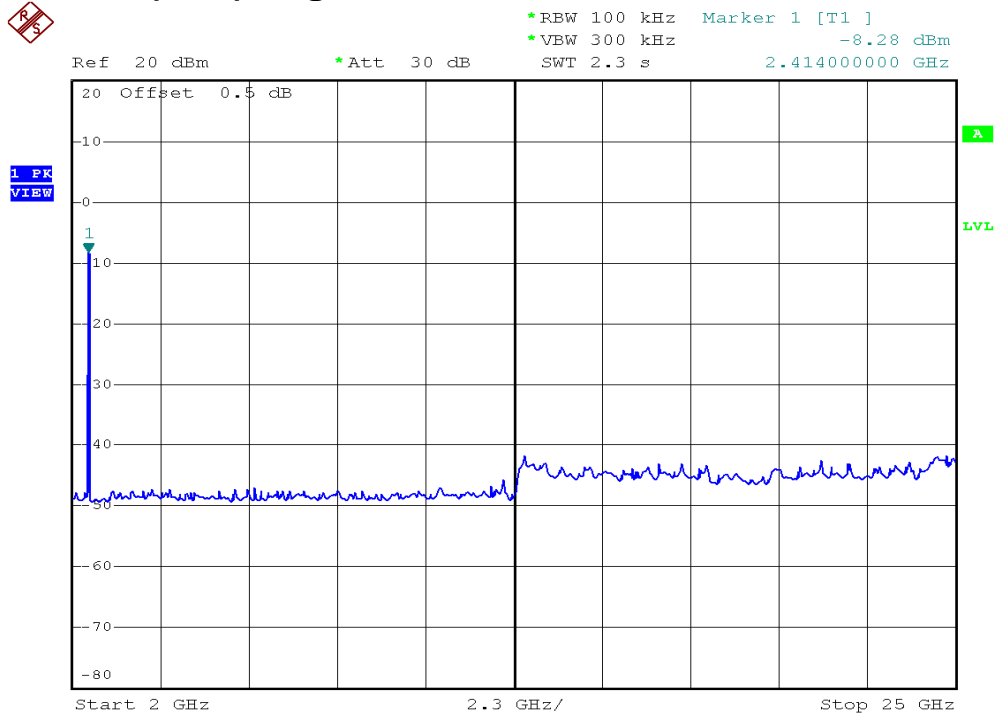

802.11n(40m), Middle Channel, Antenna 0, Plot B

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots
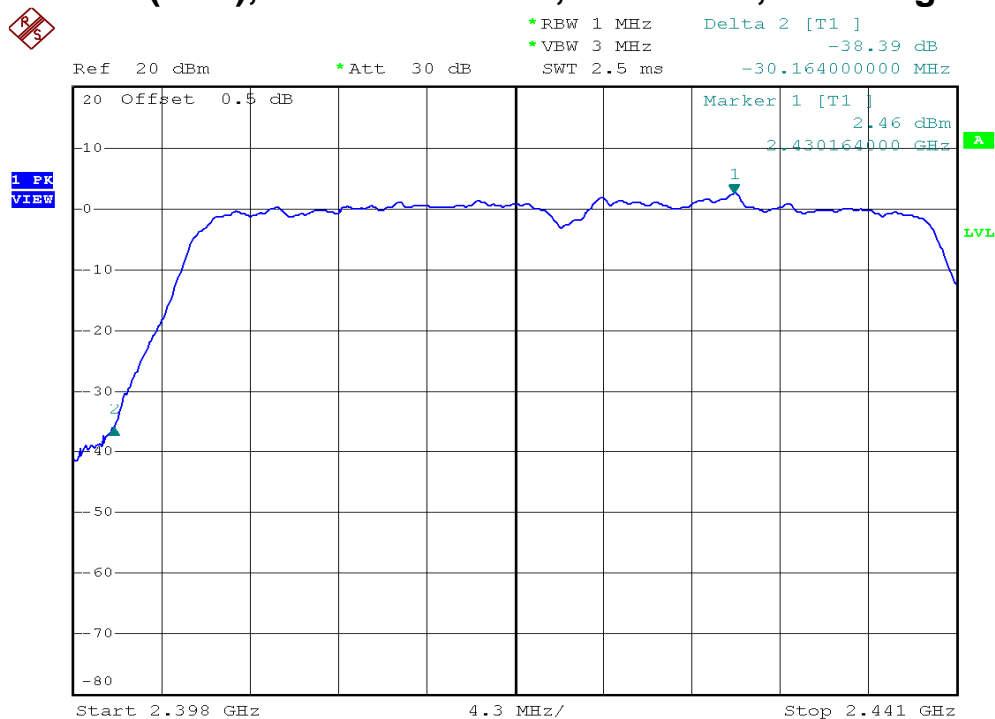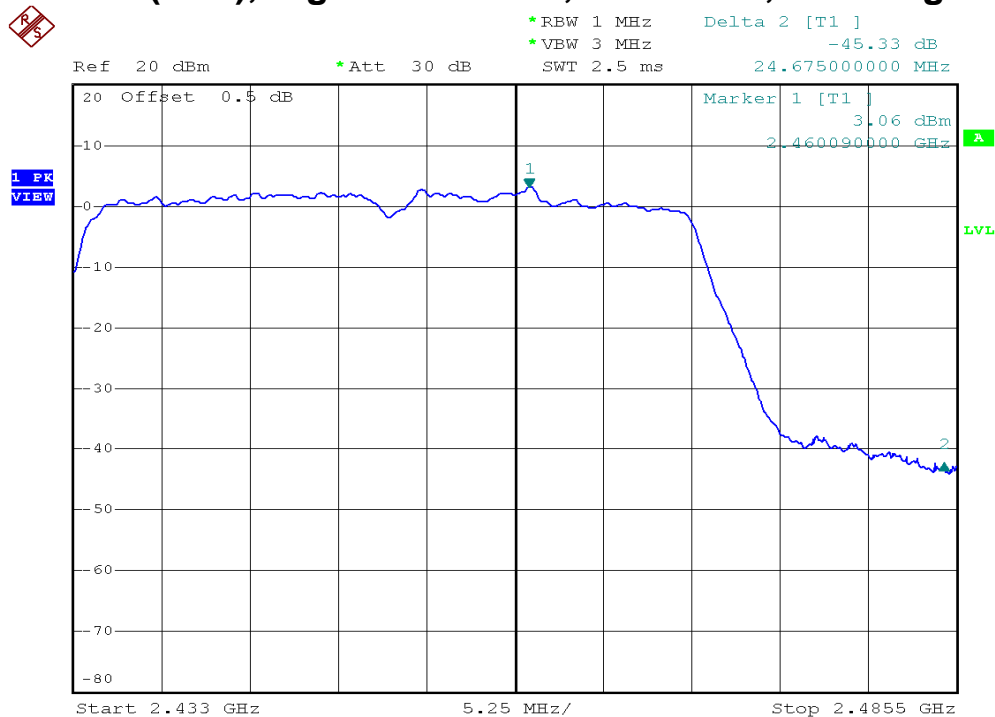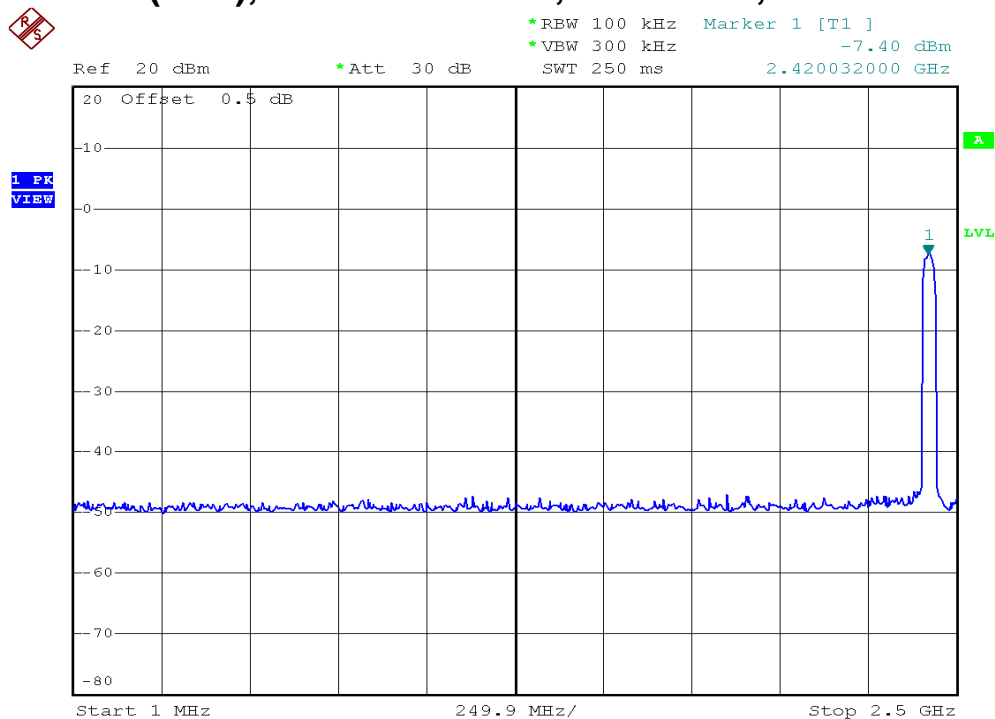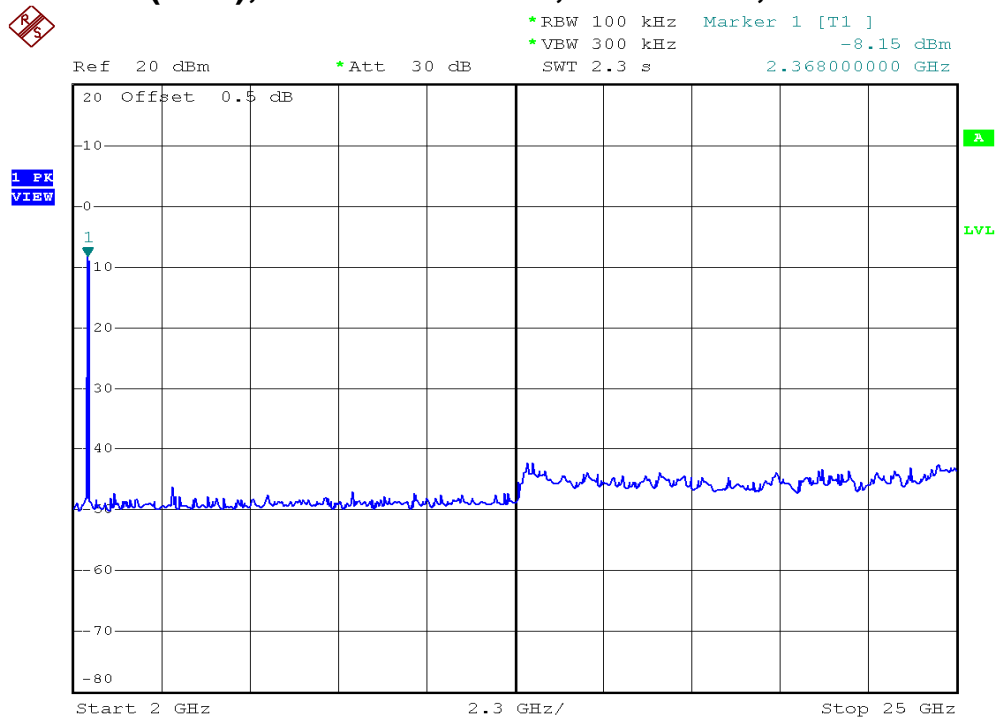
802.11n(40m), Highest Channel, Antenna 0, Plot A


```
                                    *RBW  100 kHz   Marker 1 [T1 ]
                                    *VBW  300 kHz           -6.94 dBm
          Ref  20 dBm        *Att   30 dB    SWT 250 ms    2.460016000 GHz
```

```
Start 1 MHz              249.9 MHz/              Stop 2.5 GHz
```

802.11n(40m), Highest Channel, Antenna 0, Plot B


```
                                    *RBW  100 kHz   Marker 1 [T1 ]
                                    *VBW  300 kHz           -8.28 dBm
          Ref  20 dBm        *Att   30 dB    SWT 2.3 s     2.414000000 GHz
```

```
Start 2 GHz              2.3 GHz/               Stop 25 GHz
```

Out Band Antenna Conducted Emission Plots

802.11n(40m), Lowest Channel, Antenna 0, Bandedge

802.11n(40m), Highest Channel, Antenna 0, Bandedge

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

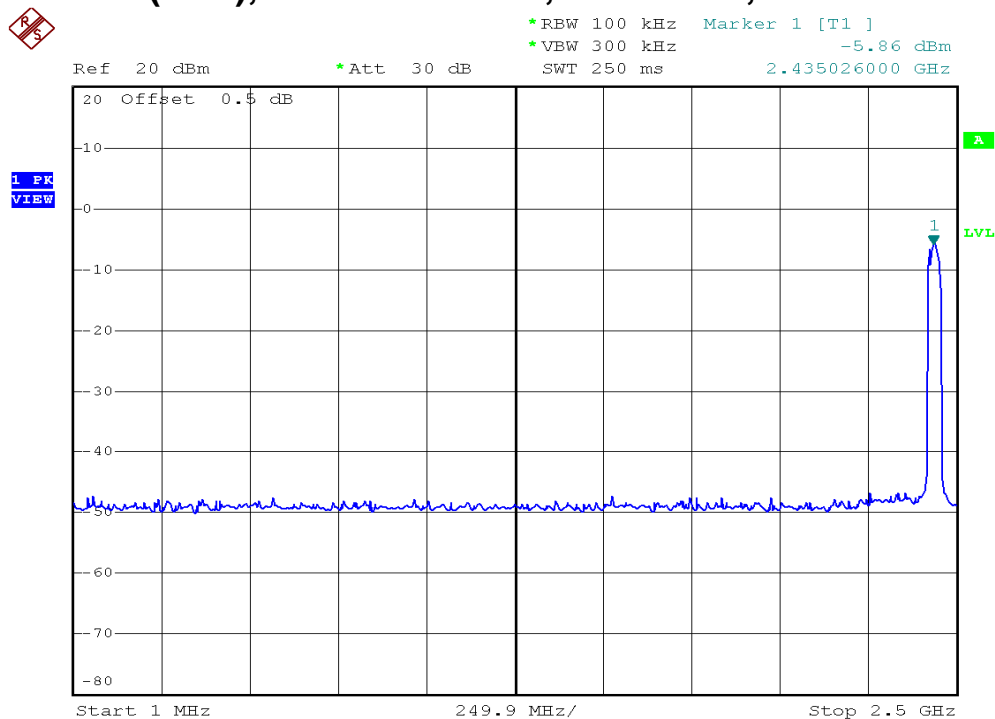### 802.11n(40m), Lowest Channel, Antenna 1, Plot A
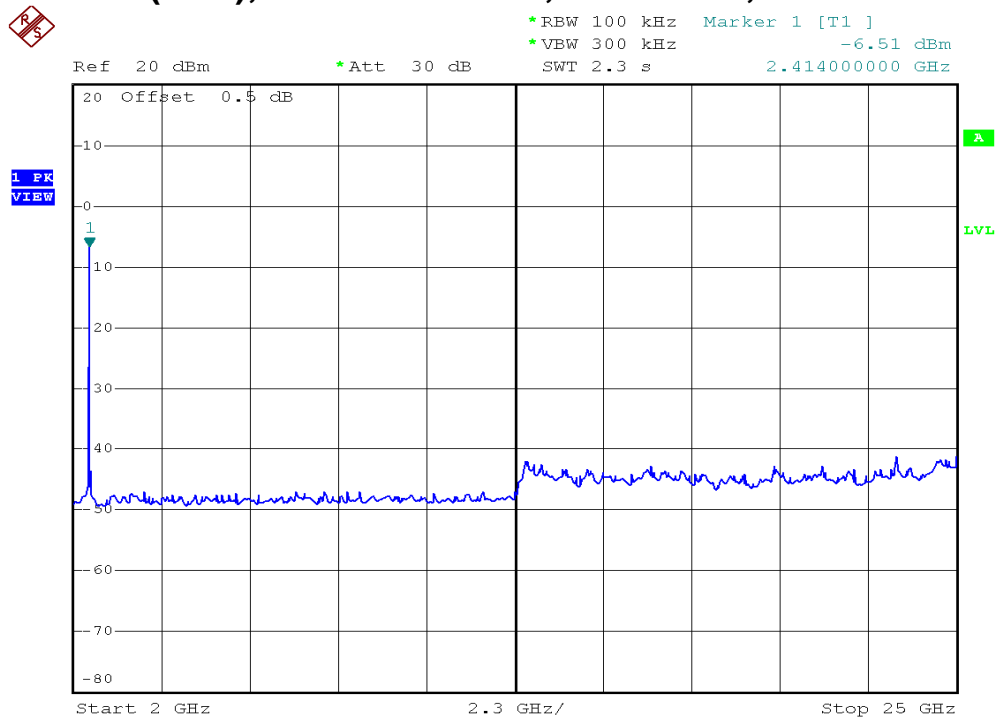

802.11n(40m), Lowest Channel, Antenna 1, Plot B

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots
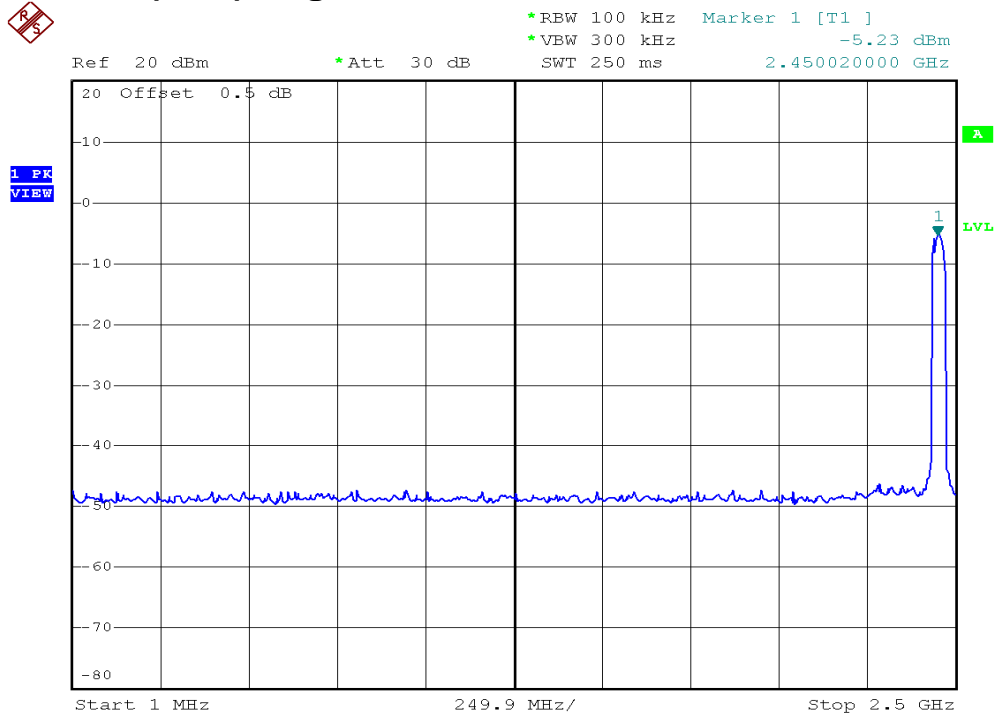
802.11n(40m), Middle Channel, Antenna 1, Plot A
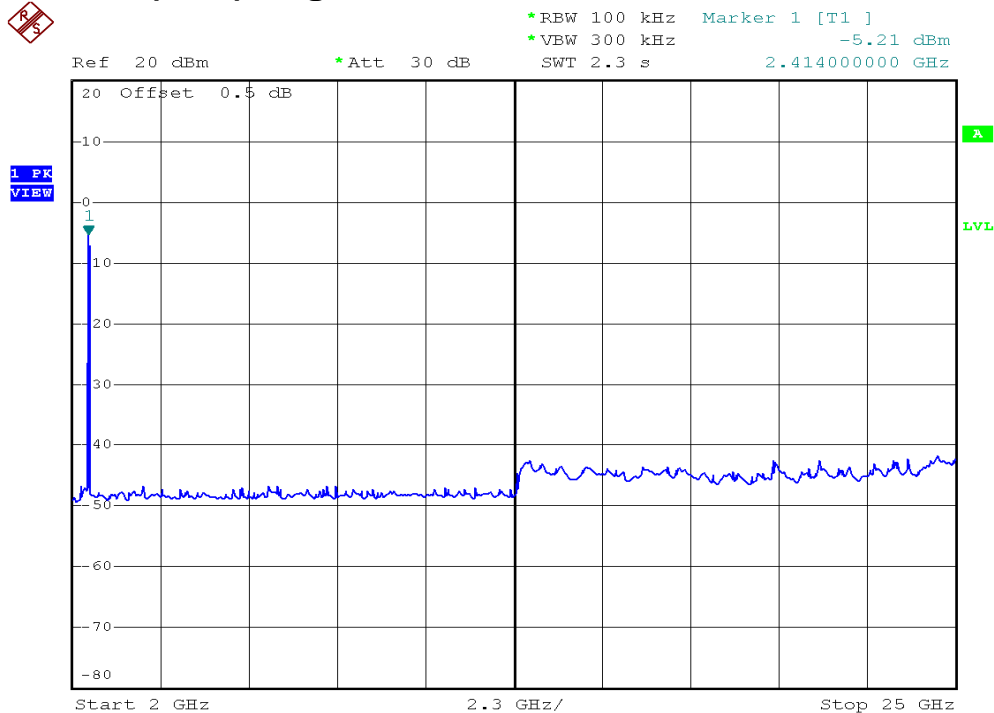

802.11n(40m), Middle Channel, Antenna 1, Plot B

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11n(40m), Highest Channel, Antenna 1, Plot A
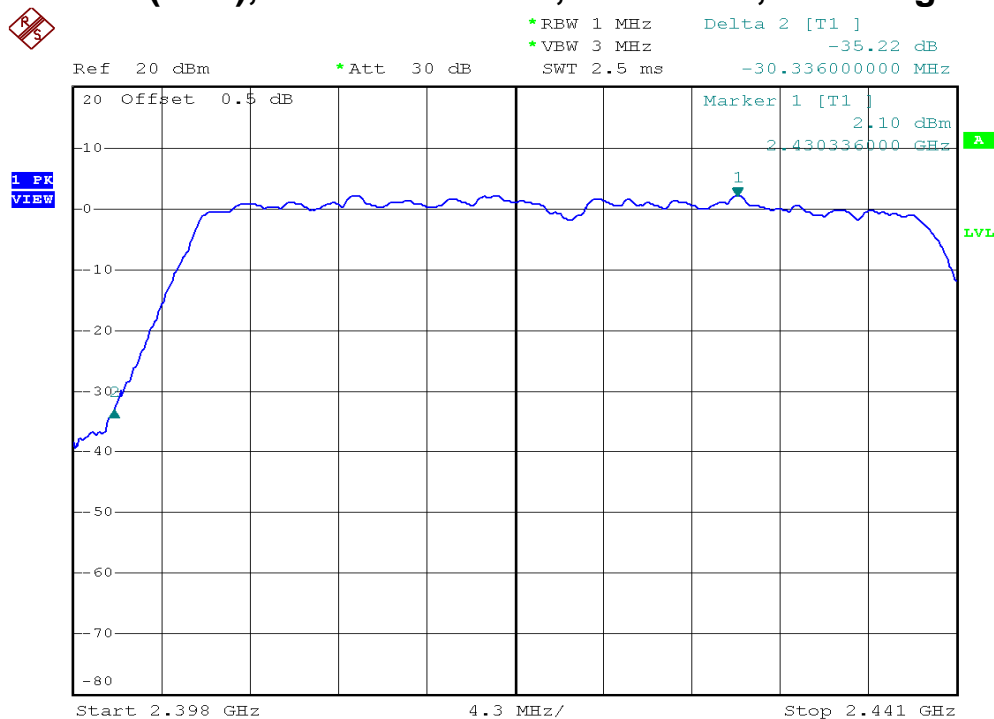

802.11n(40m), Highest Channel, Antenna 1, Plot B

INTERTEK TESTING SERVICES

Out Band Antenna Conducted Emission Plots

802.11n(40m), Lowest Channel, Antenna 1, Bandedge

802.11n(40m), Highest Channel, Antenna 1, Bandedge