

**FCC Part 15.247 Certification**  
**Test Report**

**FCC ID: R7PIWRS3**

**FCC Rule Part: 15.247**

**ACS Report Number: 04-0264-15C**

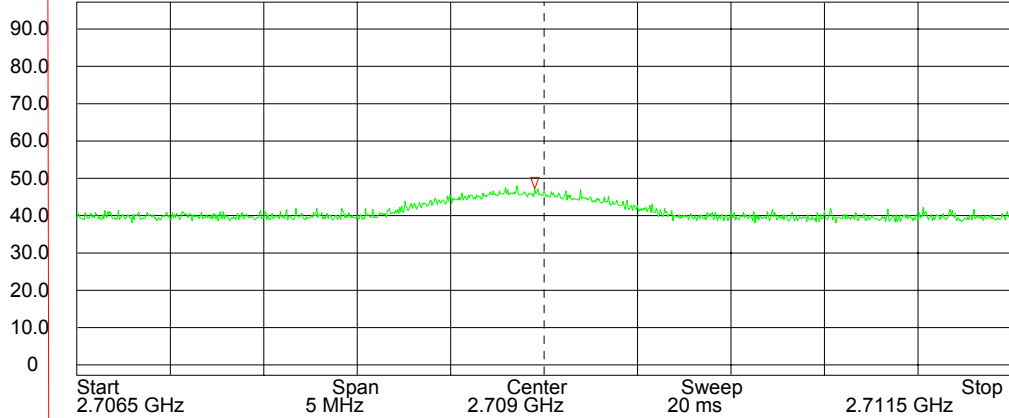
Manufacturer: Cellnet Technology, Inc.  
Model: IWR with Utilinet DC Radio

**Radiated Spurious Emissions**

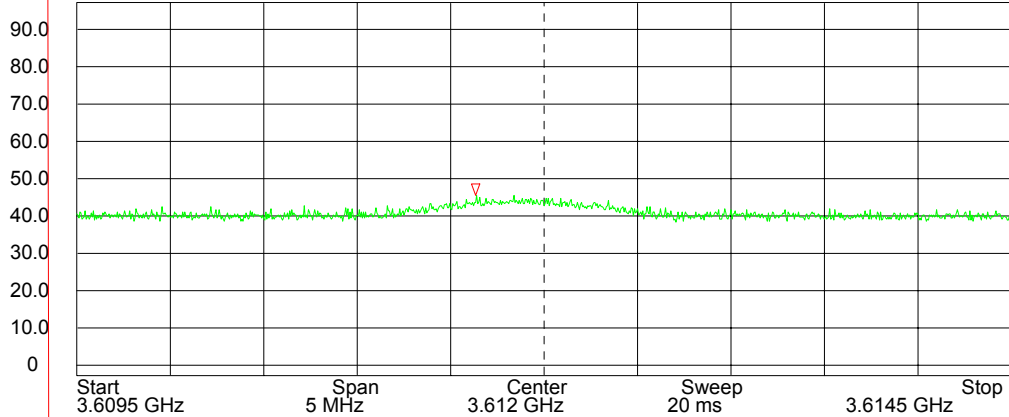
# Low Channel



Ref.Lvl 97.00 dB  $\mu$ V Marker 47.03 dB  $\mu$ V  
TG.Lvl CF.Stp Res.Bw 1 MHz[imp] off  
903.000 MHz Vid.Bw 1 MHz  
RF.Att Unit [dB  $\mu$ V] 10 dB  $\mu$ V]

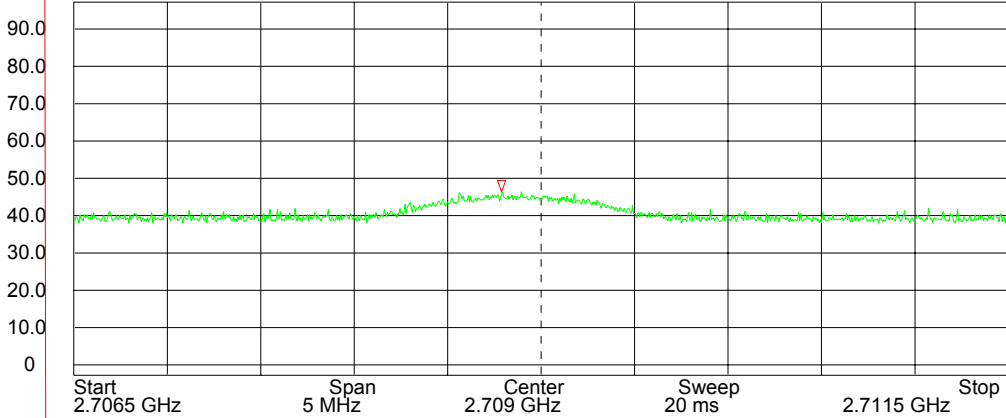


Ref.Lvl 97.00 dB  $\mu$ V Marker 45.43 dB  $\mu$ V  
TG.Lvl CF.Stp Res.Bw 1 MHz[imp] off  
903.000 MHz Vid.Bw 1 MHz  
RF.Att Unit [dB  $\mu$ V] 10 dB  $\mu$ V]

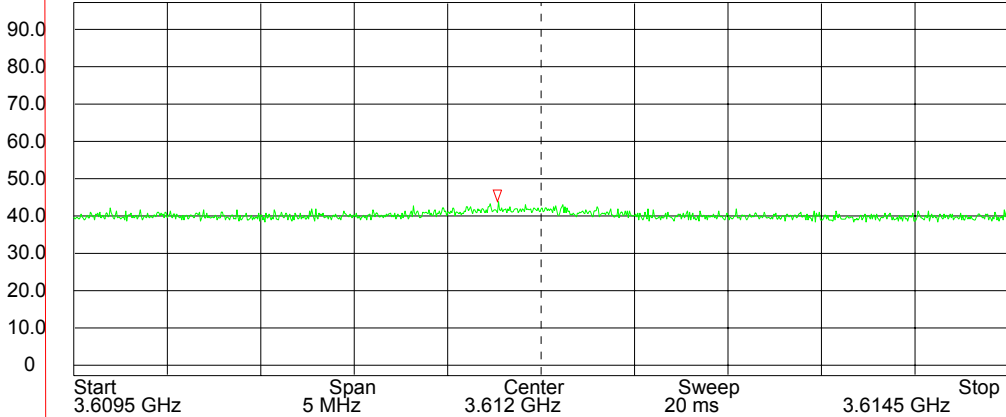




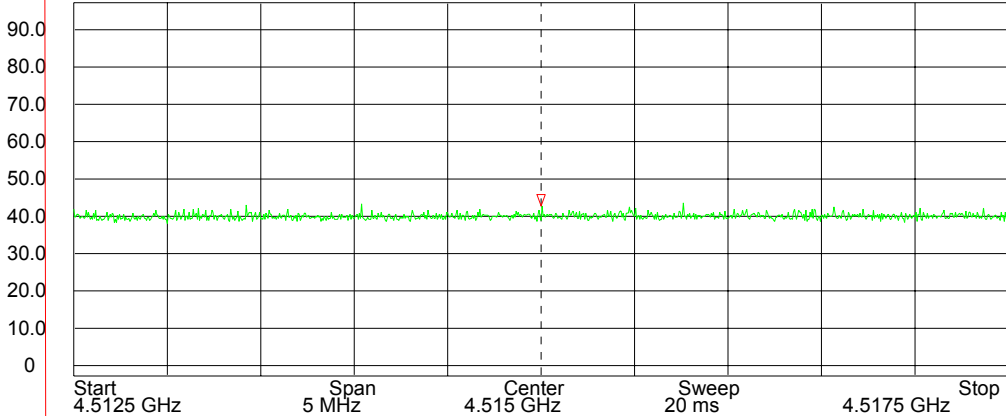
Ref.Lvl 97.00 dB  $\mu$ V Marker 46.22 dB  $\mu$ V  
2.708794 GHz  
Res.Bw 1 MHz[imp] off  
TG.Lvl CF.Stp 903.000 MHz  
Vid.Bw 1 MHz  
RF.Att Unit [dB  $\mu$ V]



Ref.Lvl 97.00 dB  $\mu$ V Marker 43.68 dB  $\mu$ V  
3.611772 GHz  
Res.Bw 1 MHz[imp] off  
TG.Lvl CF.Stp 903.000 MHz  
Vid.Bw 1 MHz  
RF.Att Unit [dB  $\mu$ V]



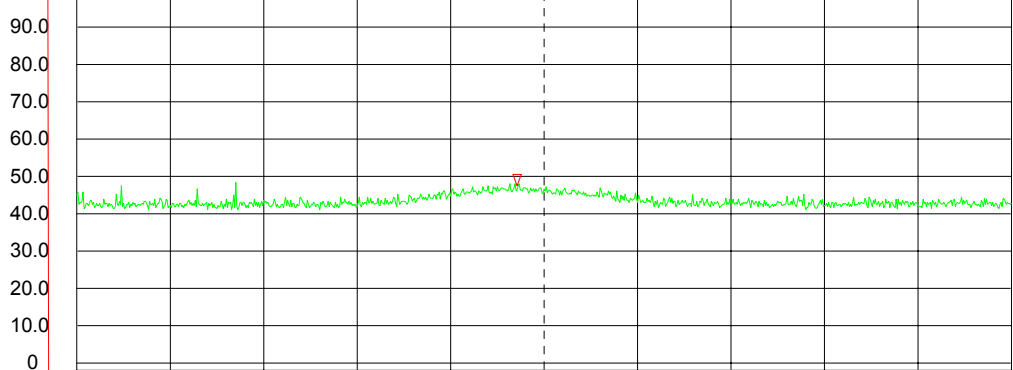
Ref.Lvl 97.00 dB  $\mu$ V Marker 42.61 dB  $\mu$ V  
4.515005 GHz  
Res.Bw 1 MHz[imp] off  
TG.Lvl CF.Stp 903.000 MHz  
Vid.Bw 1 MHz  
RF.Att Unit [dB  $\mu$ V]



## Middle Channel



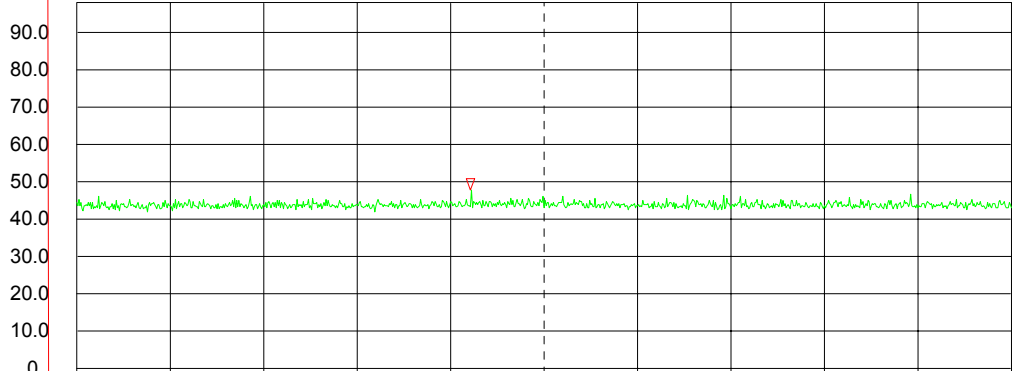
Ref.Lvl 97.90 dB  $\mu$ V Marker 47.40 dB  $\mu$ V  
2.744861 GHz Res.Bw 1 MHz[imp] off  
TG.Lvl CF.Stp 915.000 MHz Vid.Bw 1 MHz  
RF.Att Unit [dB  $\mu$ V]



Start 2.7425 GHz Span 5 MHz Center 2.745 GHz Sweep 20 ms Stop 2.7475 GHz



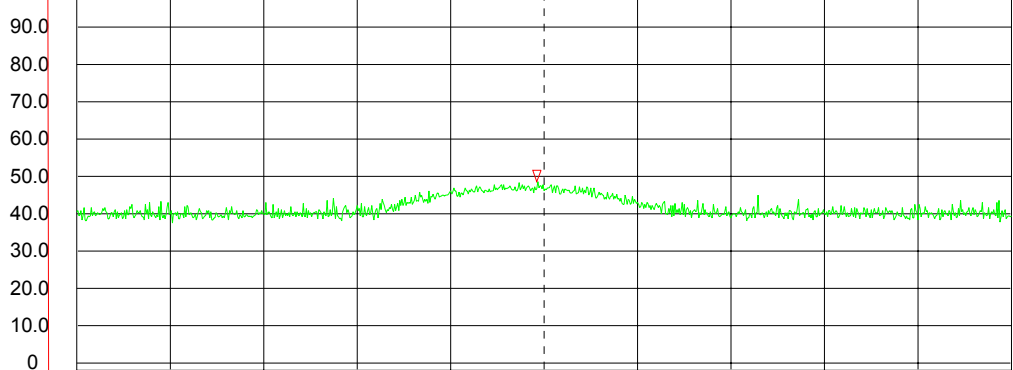
Ref.Lvl 97.90 dB  $\mu$ V Marker 47.65 dB  $\mu$ V  
3.659611 GHz Res.Bw 1 MHz[imp] off  
TG.Lvl CF.Stp 915.000 MHz Vid.Bw 1 MHz  
RF.Att Unit [dB  $\mu$ V]



Start 3.6575 GHz Span 5 MHz Center 3.66 GHz Sweep 20 ms Stop 3.6625 GHz



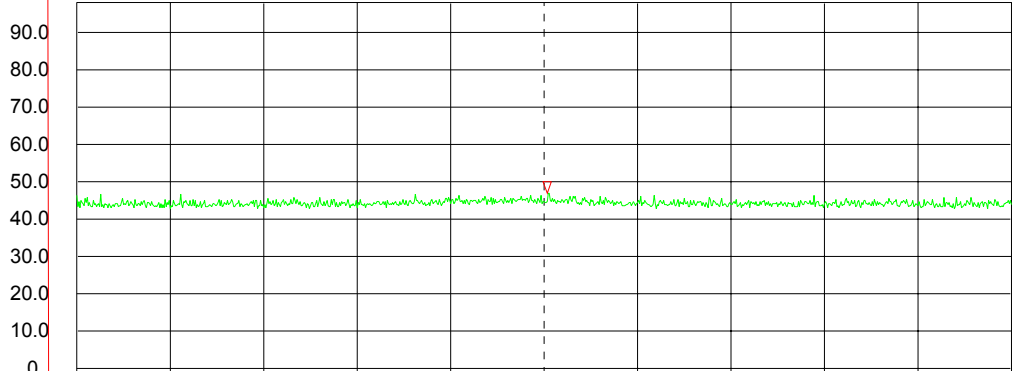
Ref.Lvl 97.90 dB  $\mu$ V Marker 48.54 dB  $\mu$ V Res.Bw 1 MHz[imp] TG.Lvl off Vid.Bw 1 MHz CF.Stp 915.000 MHz RF.Att Unit 10 dB  $\mu$ V



Start 2.7425 GHz Span 5 MHz Center 2.745 GHz Sweep 20 ms Stop 2.7475 GHz



Ref.Lvl 97.90 dB  $\mu$ V Marker 46.91 dB  $\mu$ V Res.Bw 1 MHz[imp] TG.Lvl off Vid.Bw 1 MHz CF.Stp 915.000 MHz RF.Att Unit 10 dB  $\mu$ V



Start 3.6575 GHz Span 5 MHz Center 3.66 GHz Sweep 20 ms Stop 3.6625 GHz

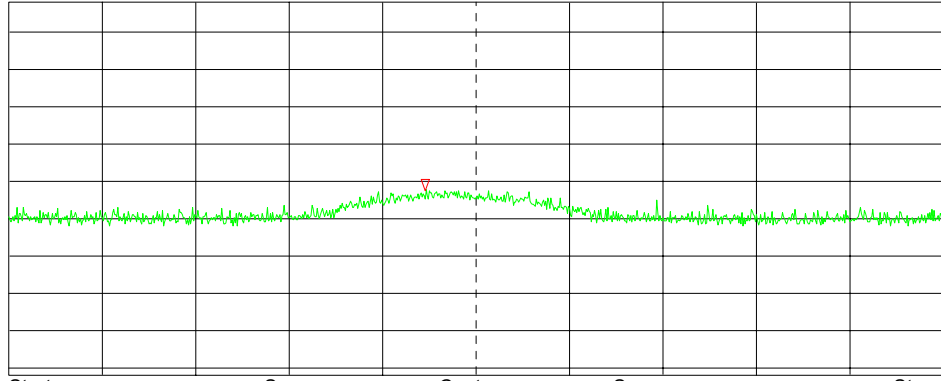
# High Channel





Ref.Lvl 97.90 dB  $\mu$ V Marker 47.63 dB  $\mu$ V  
TG.Lvl CF.Stp Res.Bw 1 MHz[imp] off  
Vid.Bw 1 MHz  
RF.Att Unit 10 dB  $\mu$ V

90.0  
80.0  
70.0  
60.0  
50.0  
40.0  
30.0  
20.0  
10.0  
0

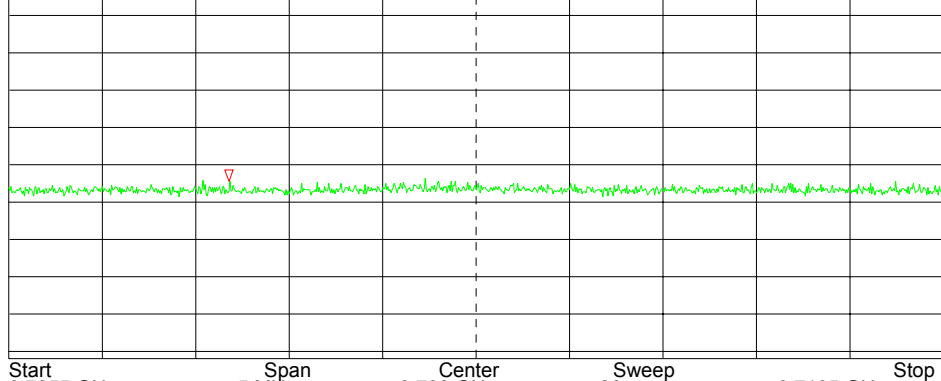


Start 2.7785 GHz Span 5 MHz Center 2.781 GHz Sweep 20 ms Stop 2.7835 GHz



Ref.Lvl 97.90 dB  $\mu$ V Marker 45.67 dB  $\mu$ V  
TG.Lvl CF.Stp Res.Bw 1 MHz[imp] off  
Vid.Bw 1 MHz  
RF.Att Unit 10 dB  $\mu$ V

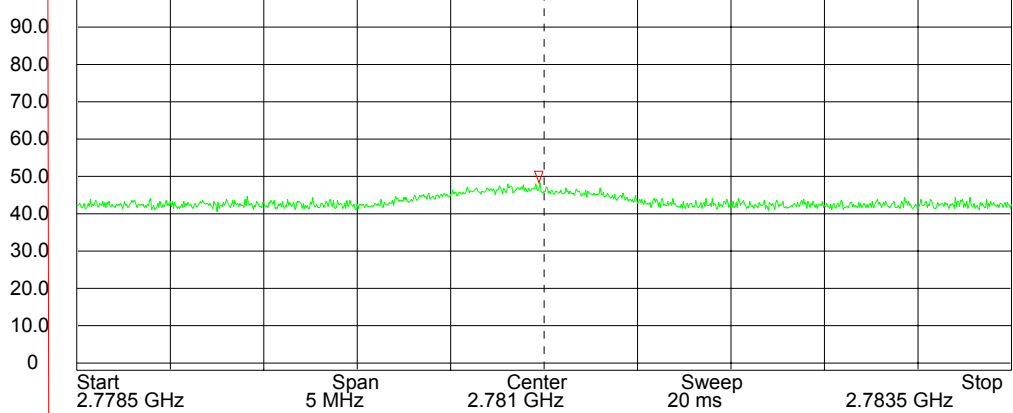
90.0  
80.0  
70.0  
60.0  
50.0  
40.0  
30.0  
20.0  
10.0  
0



Start 3.7055 GHz Span 5 MHz Center 3.708 GHz Sweep 20 ms Stop 3.7105 GHz



Ref.Lvl 97.90 dB  $\mu$ V    Marker 48.26 dB  $\mu$ V    Res.Bw 1 MHz[imp] off    Vid.Bw 1 MHz  
TG.Lvl    CF.Stp 927.000 MHz    RF.Att Unit [dB  $\mu$ V]



Ref.Lvl 97.90 dB  $\mu$ V    Marker 46.81 dB  $\mu$ V    Res.Bw 1 MHz[imp] off    Vid.Bw 1 MHz  
TG.Lvl    CF.Stp 927.000 MHz    RF.Att Unit [dB  $\mu$ V]

