# INTERTEK TESTING SERVICES

| | | | |
|---|---|---|---|
| Cluster 1 | Cluster 2 | Cluster 3 | Cluster 4 |

100ms sweep contains 4 clusters of pulse train.
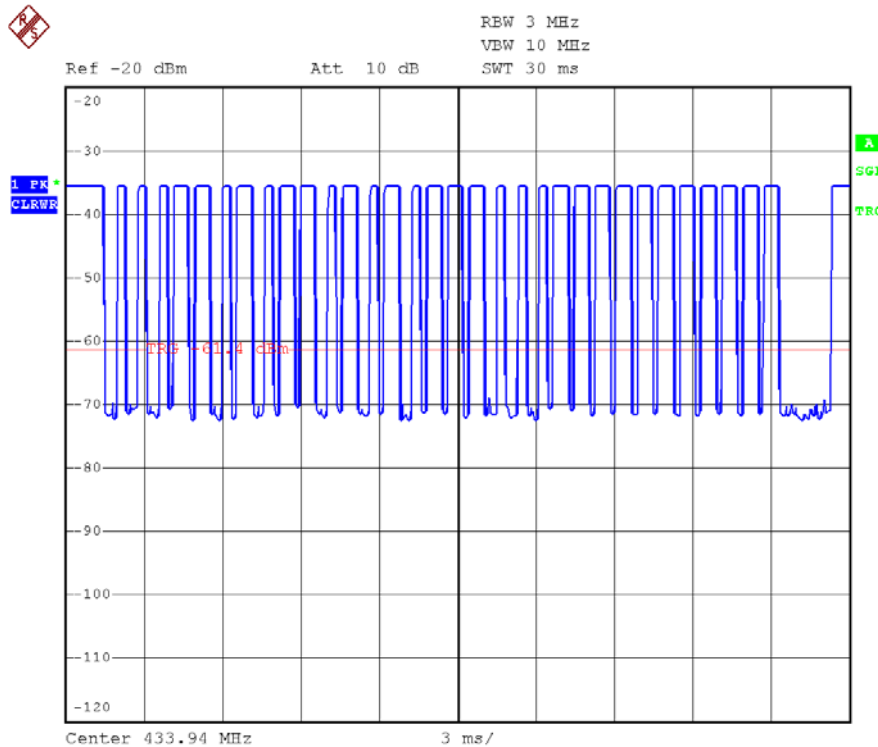


Details of the cluster 1

Effective period of cluster 1
=  1.48ms + 21X560us + 11X280us
= 16.32ms

**Average Factor Plot – Pursuant to FCC Part 15 Section 15. 231(e) Requirement**        **(Pass/Fail)**

# INTERTEK TESTING SERVICES
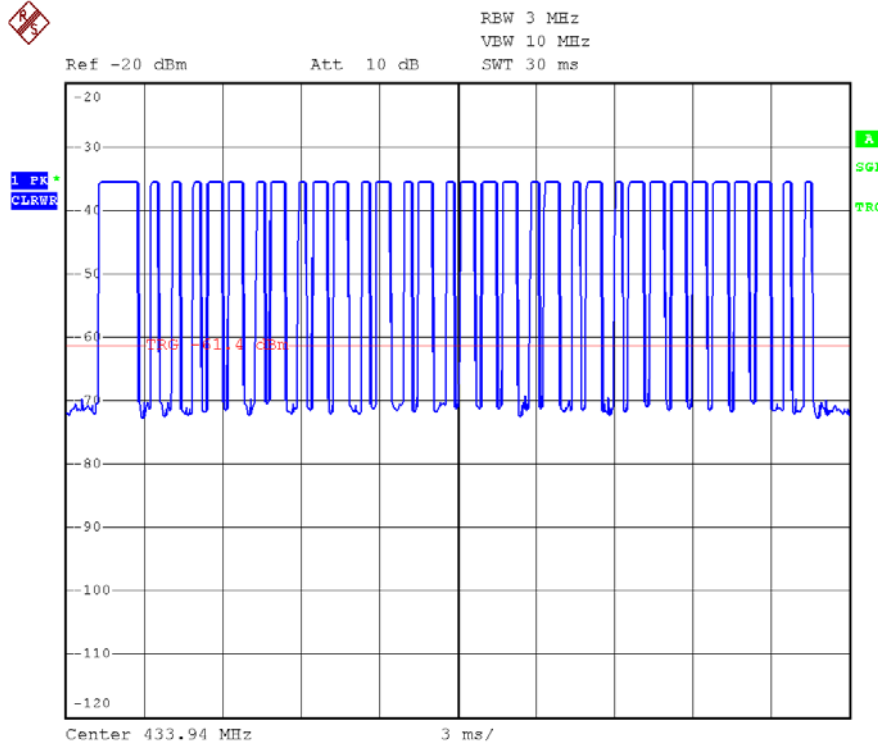
Details of the cluster 2

Effective period of cluster 3
=  1.48ms + 19X560us +
13X280us
= 15.76ms
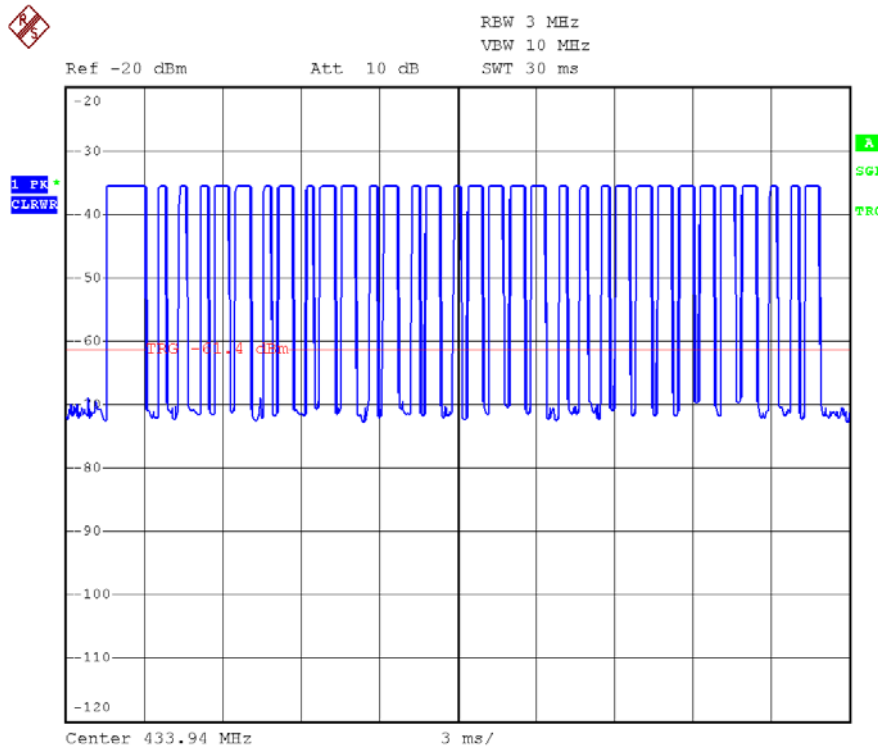


Details of the cluster 3

Effective period of cluster 3
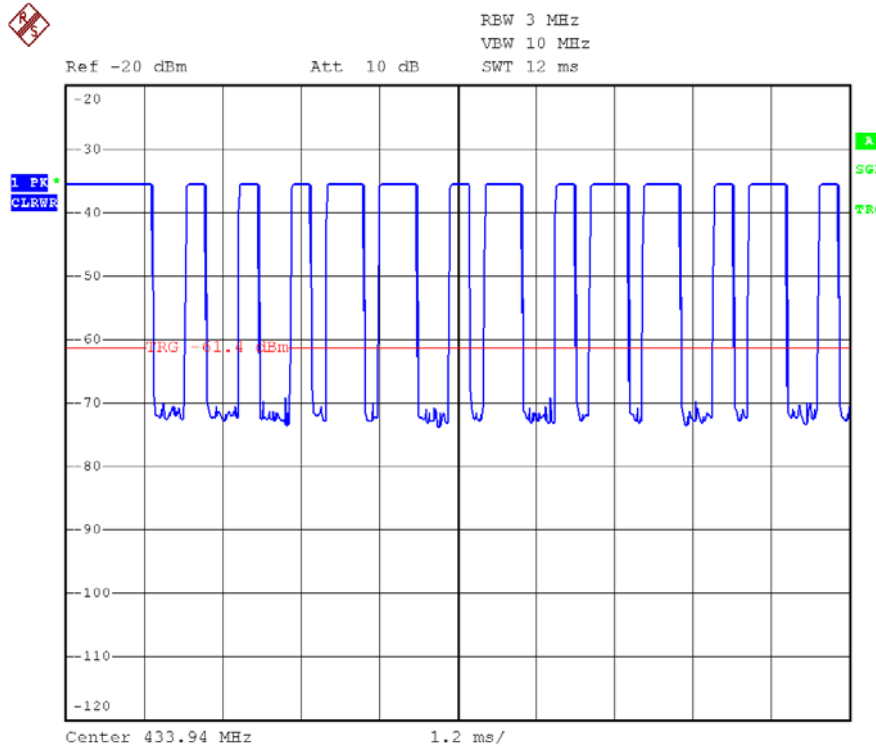=  1.48ms + 19X560us +
13X280us
= 15.76ms

**Average Factor Plot – Pursuant to FCC Part 15 Section 15. 231(e) Requirement** (Pass/Fail)

# INTERTEK TESTING SERVICES

RBW 3 MHz
VBW 10 MHz
Ref -20 dBm          Att 10 dB     SWT 12 ms

```
 -20
 -30                                                A
                                                    SGL
1 PK                                                TRG
CLRWR
 -40
 -50
 -60
TRG -61.4 dBm
 -70
 -80
 -90
-100
-110
-120
Center 433.94 MHz              1.2 ms/
```

Details of the cluster 4

Effective period of cluster 4
= 1.48ms + 6X560us +
7X280us
= 6.8ms

DC = (16.32 + 15.76 + 15.76 + 6.8)/100 = 0.5464
AF = 20log(0.5464) = -5.2dB

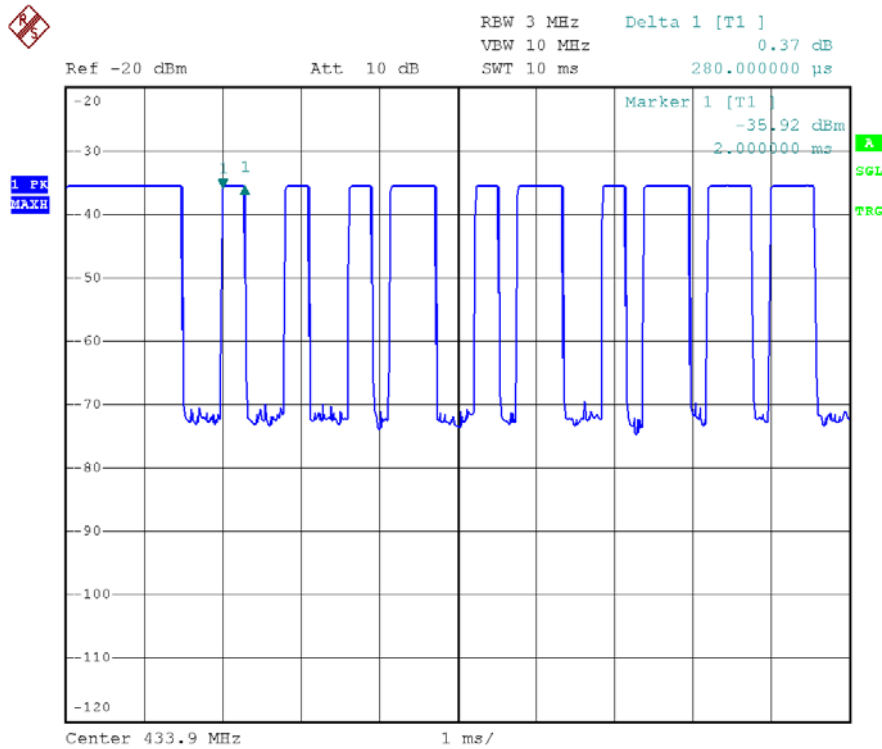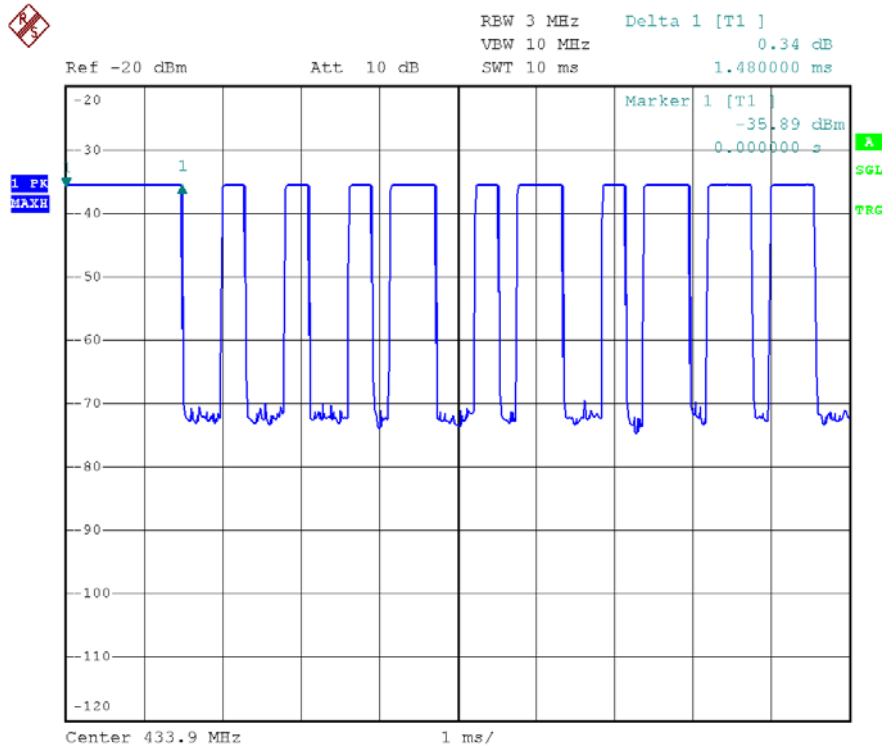**Average Factor Plot – Pursuant to FCC Part 15 Section 15. 231(e) Requirement**          **(Pass/Fail)**

# INTERTEK TESTING SERVICES

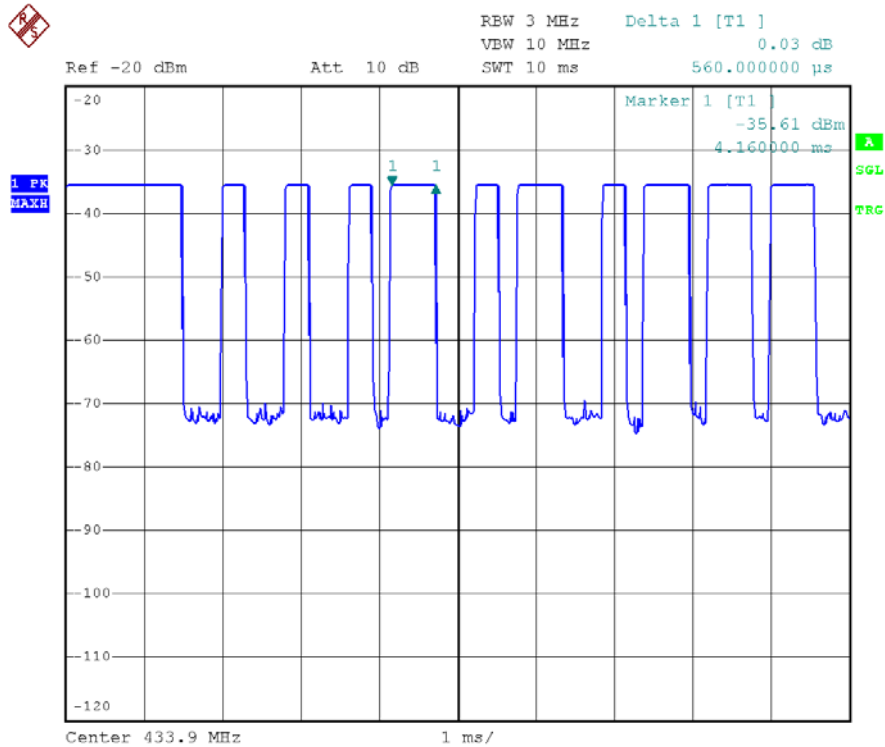**Average Factor Plot – Pursuant to FCC Part 15 Section 15. 231(e) Requirement        (Pass/Fail)**

# INTERTEK TESTING SERVICES

```
                                    RBW 3 MHz      Delta 1 [T1 ]
                                    VBW 10 MHz              0.03 dB
         Ref -20 dBm       Att  10 dB   SWT 10 ms       560.000000 µs

          -20                              Marker 1 [T1 ]
                                                    -35.61 dBm
          -30                                       4.160000 ms    SGL
1 PK                          1  1
MAXH      -40                                                      TRG

          -50

          -60

          -70

          -80

          -90

         -100

         -110

         -120
         Center 433.9 MHz              1 ms/
```

**Average Factor Plot – Pursuant to FCC Part 15 Section 15. 231(e) Requirement        (Pass/~~Fail~~)**