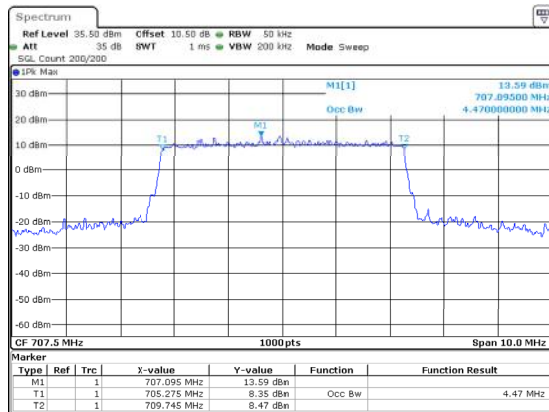


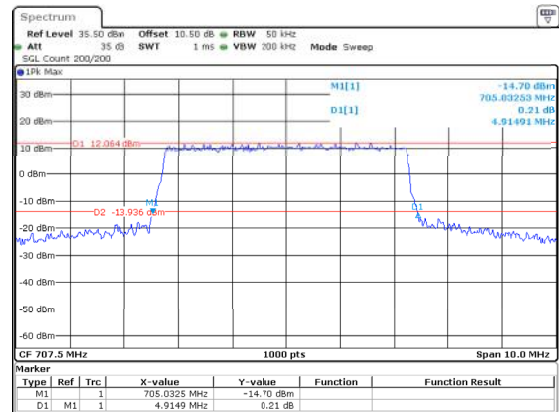
## 5MHz\_Middle\_16QAM\_25@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:05:36

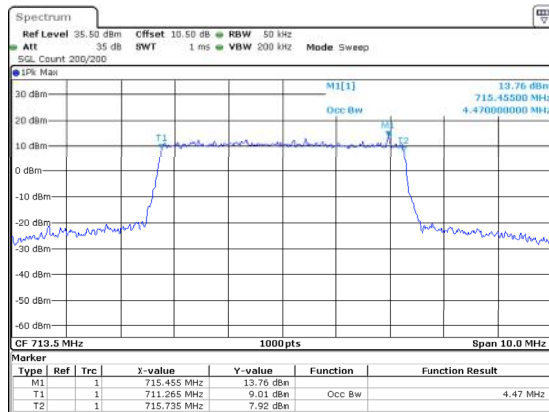
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:05:46

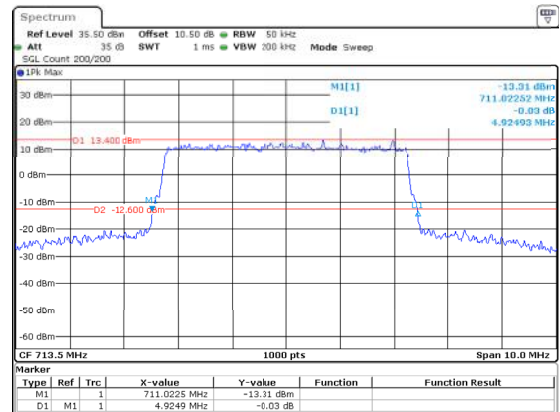
## 5MHz\_High\_QPSK\_25@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:06:04

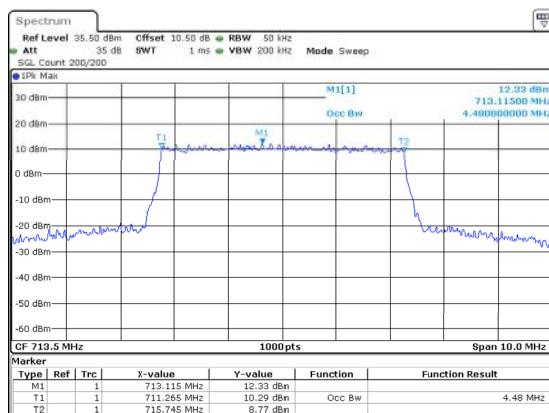
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:06:14

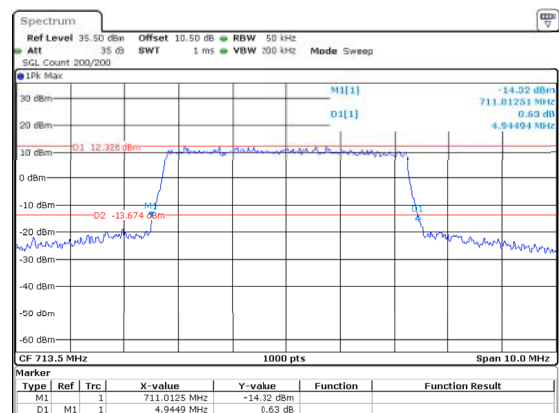
## 5MHz\_High\_16QAM\_25@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:06:32

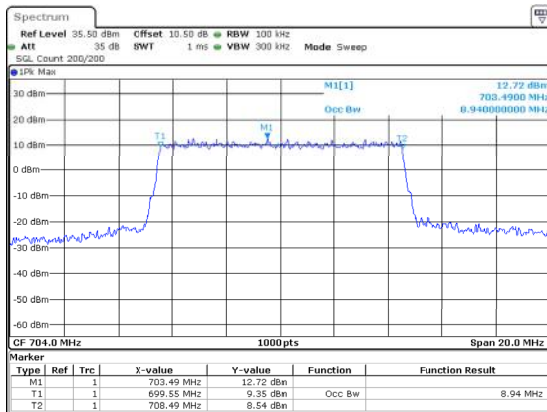
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:06:42

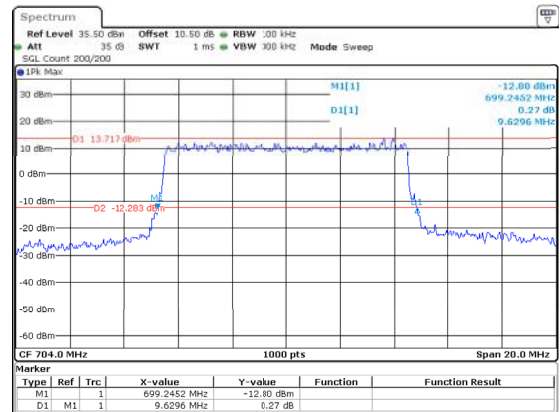
## 10MHz\_Low\_QPSK\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:07:06

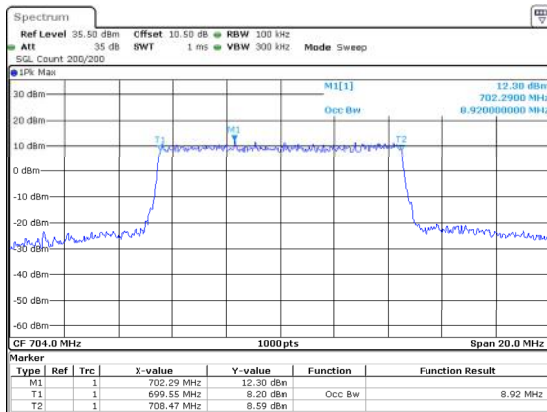
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:07:18

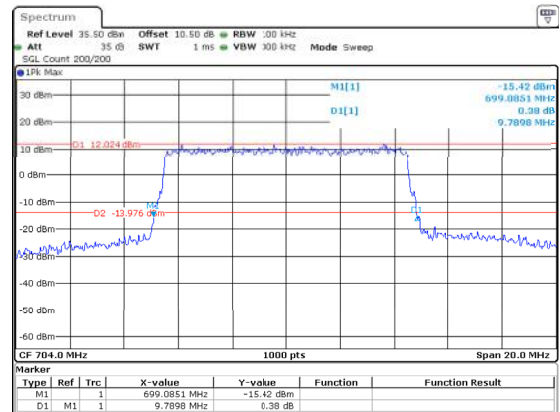
## 10MHz\_Low\_16QAM\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:07:38

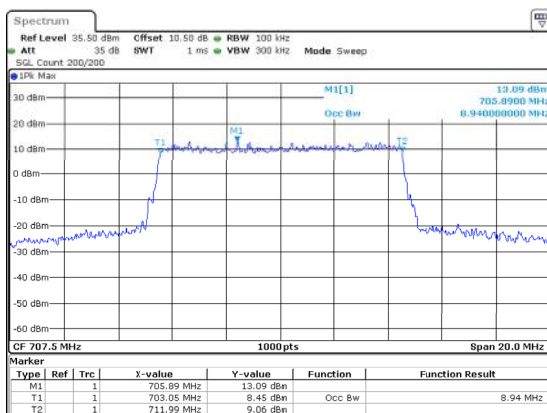
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:07:50

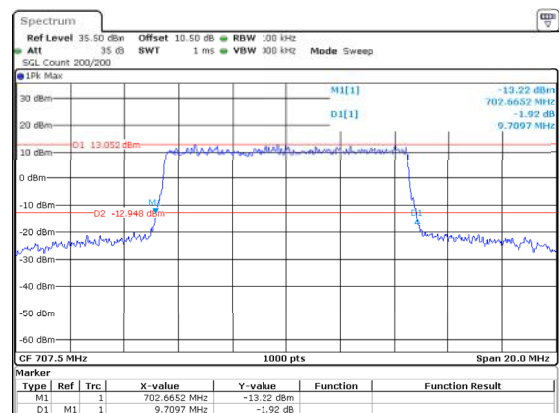
## 10MHz\_Middle\_QPSK\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:08:10

### 26dB Bandwidth

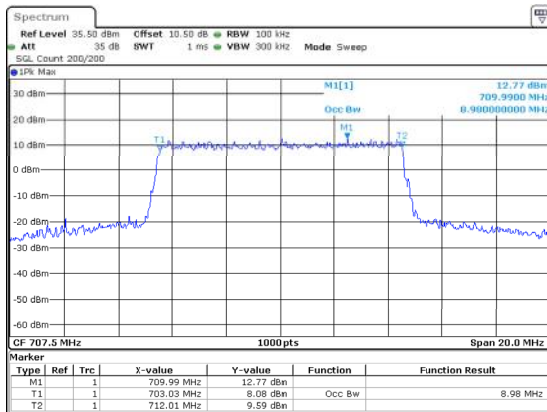


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:08:21

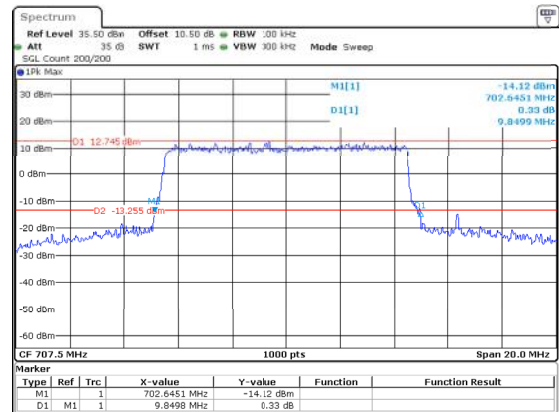
## 10MHz\_Middle\_16QAM\_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:08:40

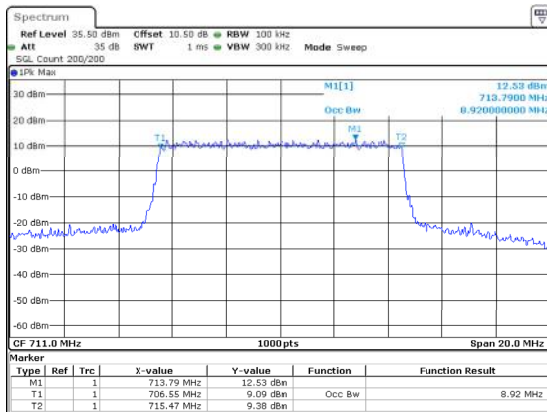


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:08:51

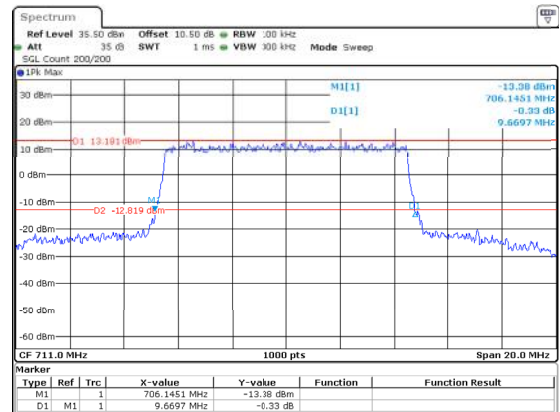
## 10MHz\_High\_QPSK\_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:09:12

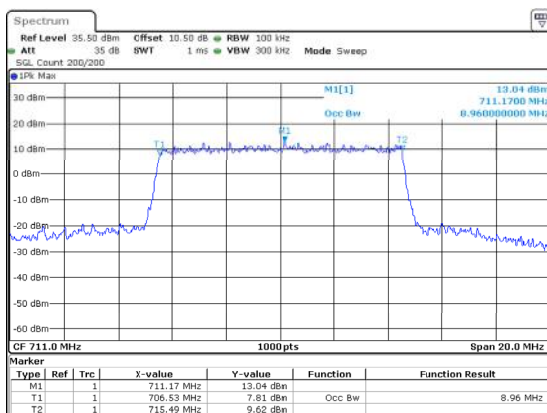


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:09:23

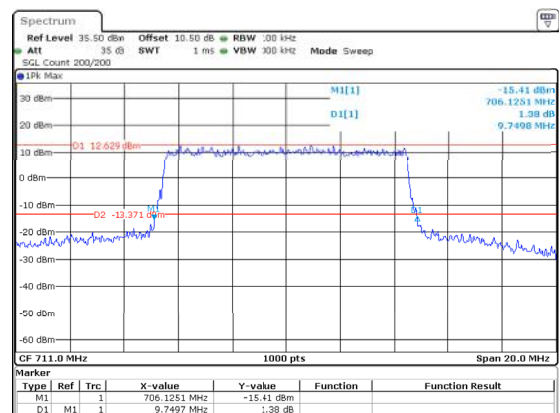
## 10MHz\_High\_16QAM\_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:09:43



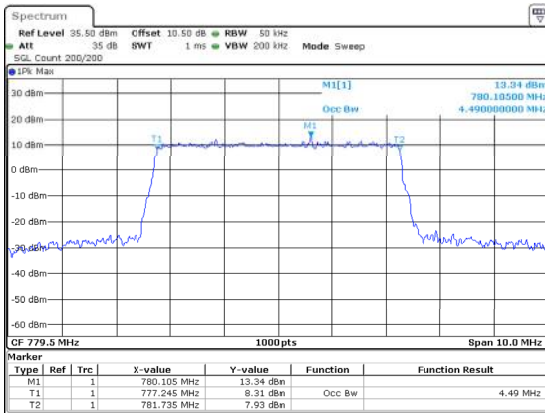
ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:09:53

**B13, Normal**

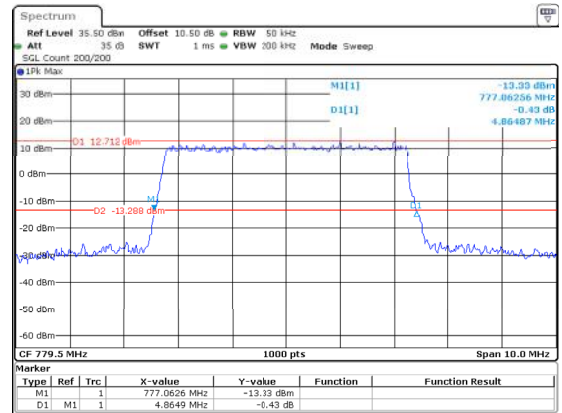
**5MHz\_Low\_QPSK\_25@0**

**Occupied Bandwidth**

**26dB Bandwidth**



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:10:40

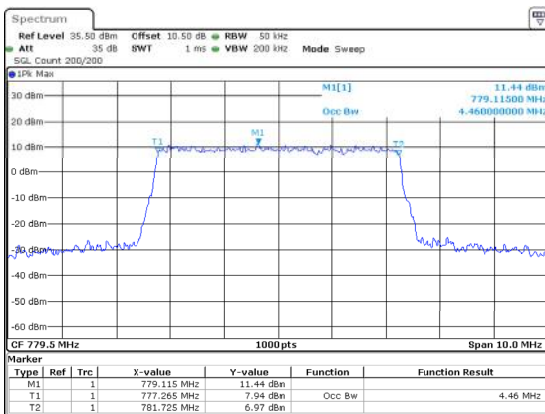


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:10:50

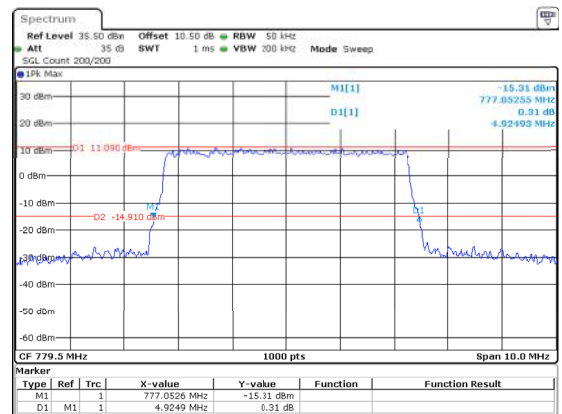
**5MHz\_Low\_16QAM\_25@0**

**Occupied Bandwidth**

**26dB Bandwidth**



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:11:09

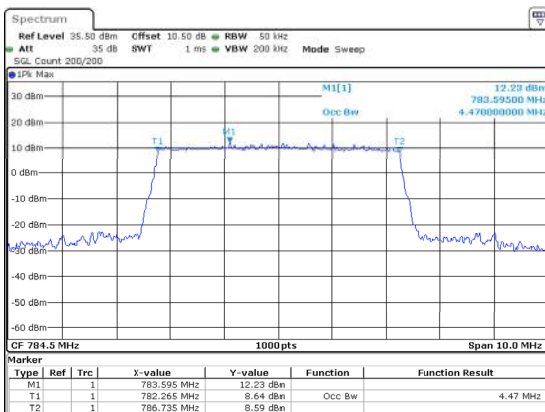


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:11:20

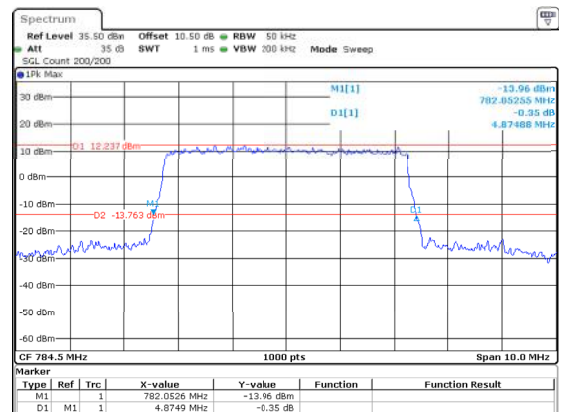
**5MHz\_High\_QPSK\_25@0**

**Occupied Bandwidth**

**26dB Bandwidth**



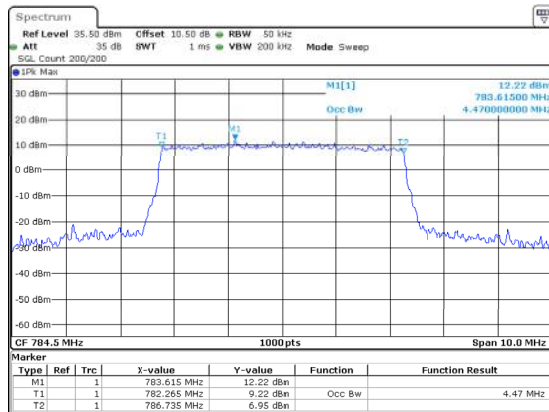
ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:11:39



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:11:48

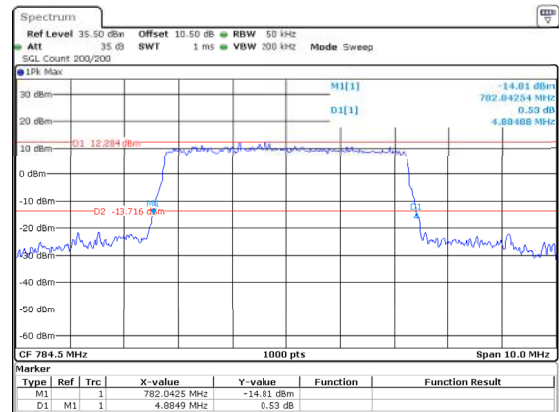
## 5MHz\_High\_16QAM\_25@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:12:07

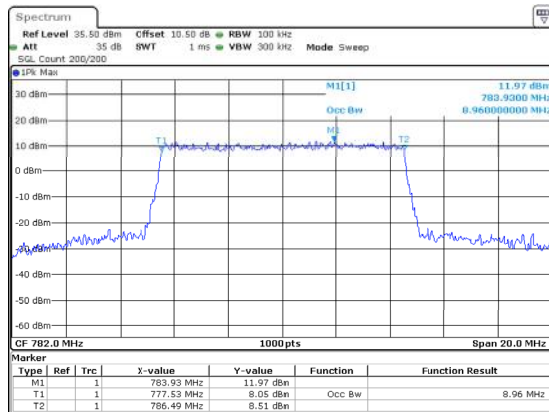
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:12:17

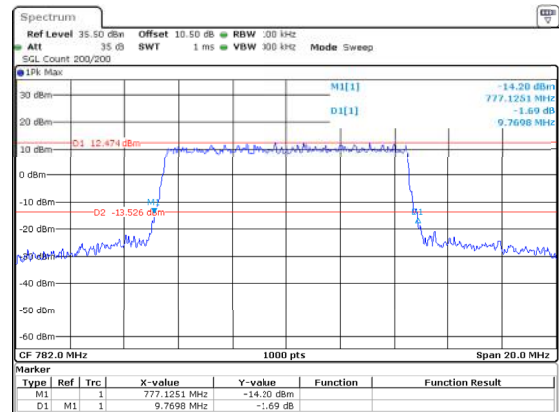
## 10MHz\_Middle\_QPSK\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:12:41

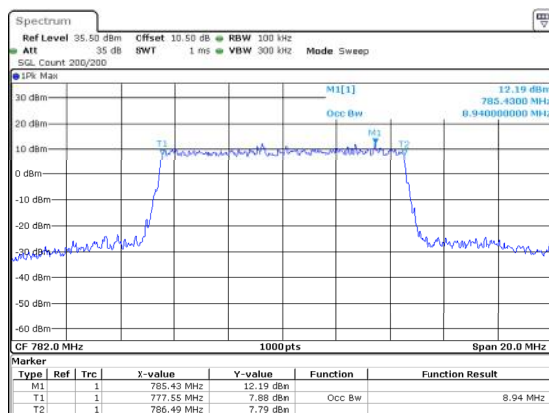
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:12:51

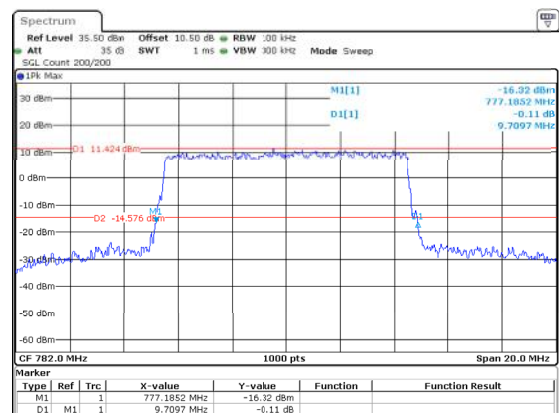
## 10MHz\_Middle\_16QAM\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:13:11

### 26dB Bandwidth



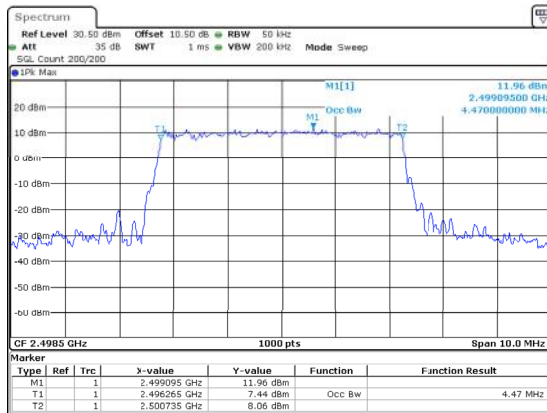
ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 31.OCT.2024 14:13:22

**B41, Normal**

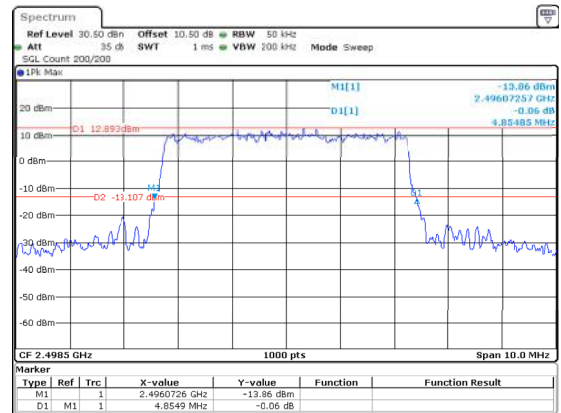
**5MHz\_Low\_QPSK\_25@0**

**Occupied Bandwidth**

**26dB Bandwidth**



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:04:18

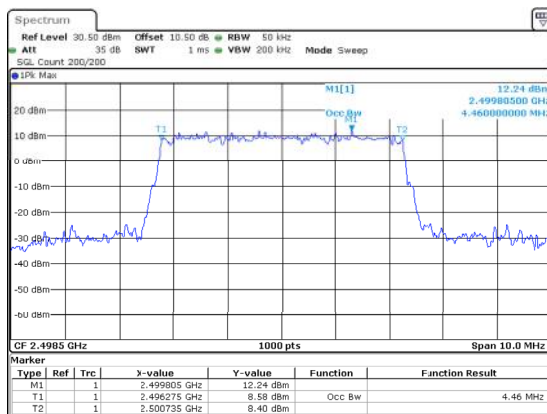


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:04:24

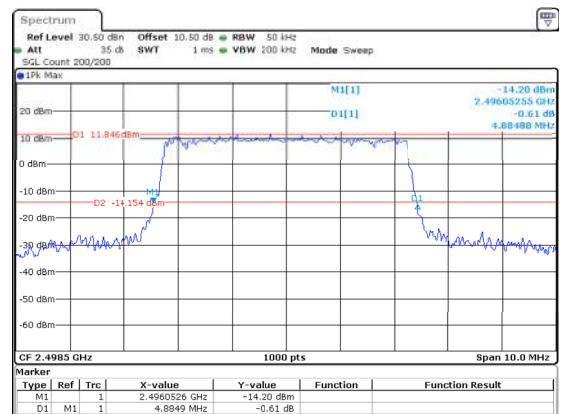
**5MHz\_Low\_16QAM\_25@0**

**Occupied Bandwidth**

**26dB Bandwidth**



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:04:11

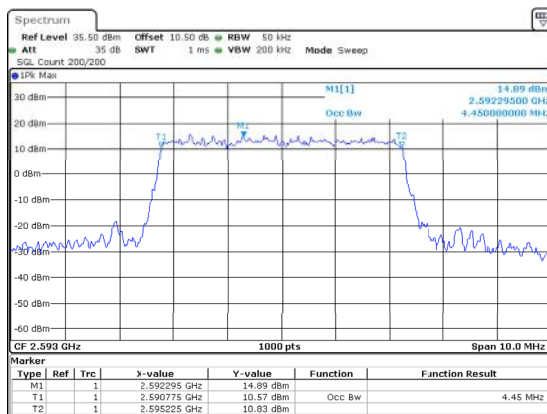


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:04:59

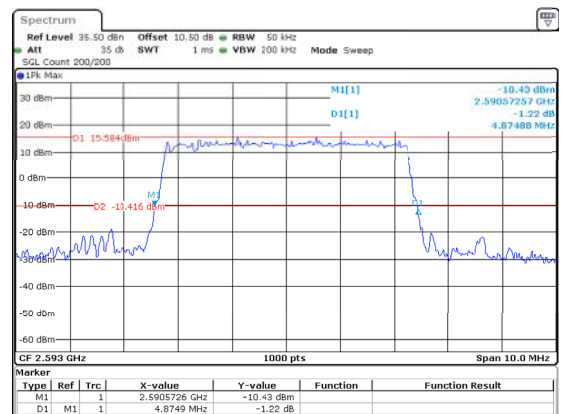
**5MHz\_Middle\_QPSK\_25@0**

**Occupied Bandwidth**

**26dB Bandwidth**



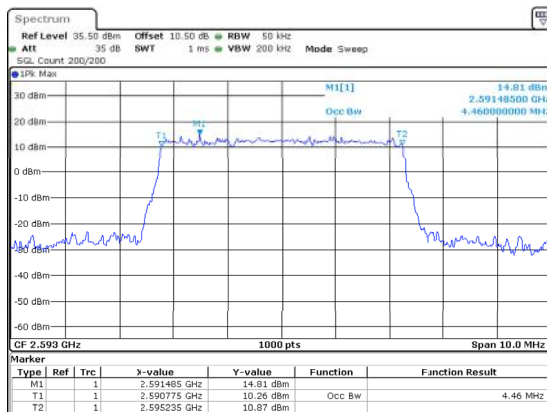
ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:05:19



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:05:45

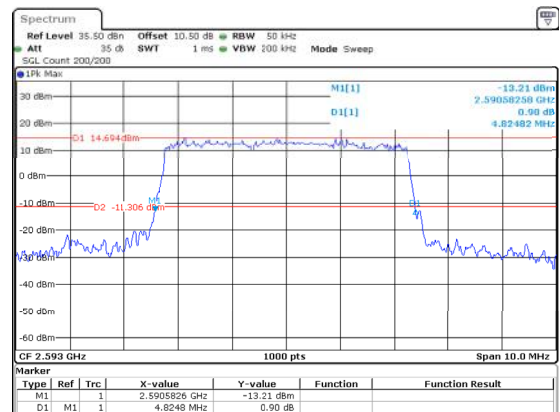
## 5MHz\_Middle\_16QAM\_25@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:07:10

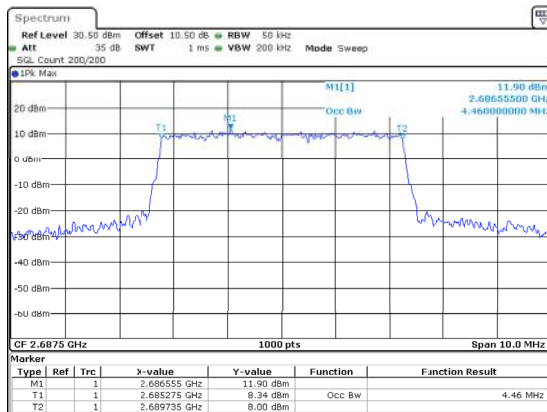
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 11:07:16

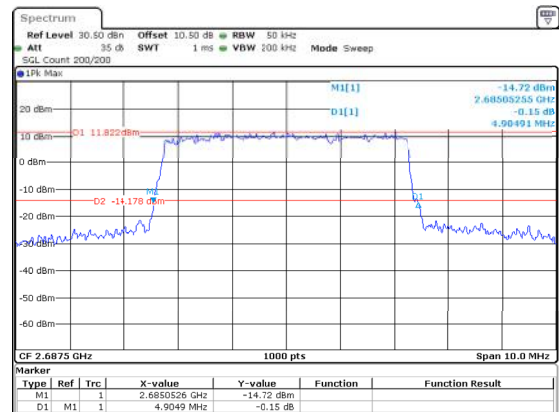
## 5MHz\_High\_QPSK\_25@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:05:10

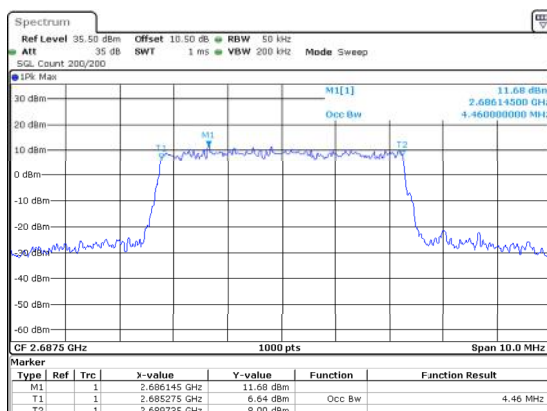
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:05:36

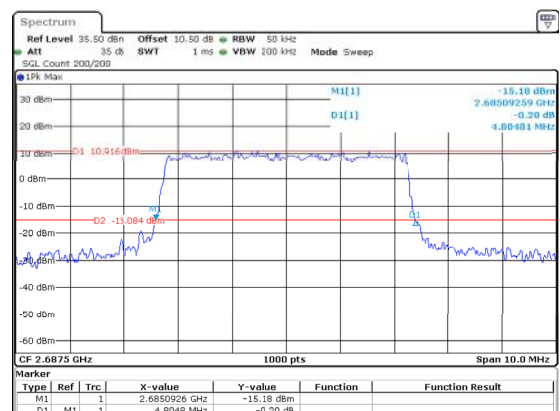
## 5MHz\_High\_16QAM\_25@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:05:14

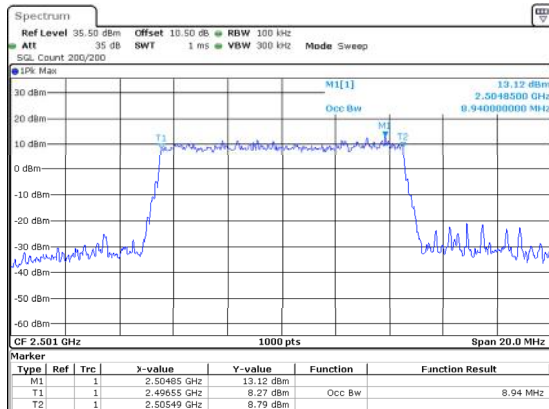
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:06:00

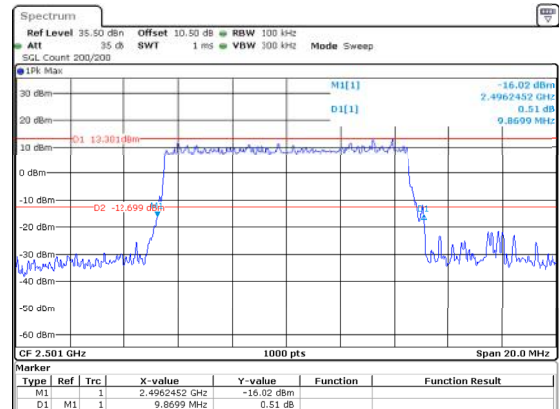
## 10MHz\_Low\_QPSK\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:10:17

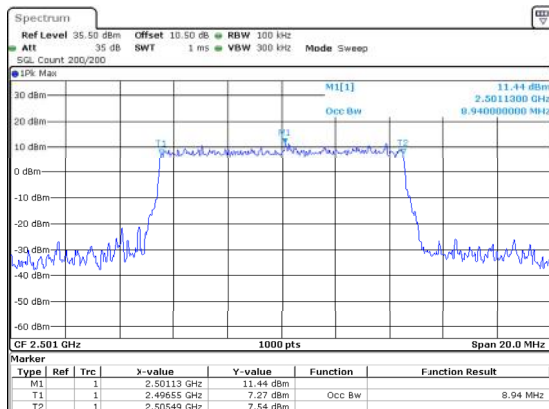
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:10:23

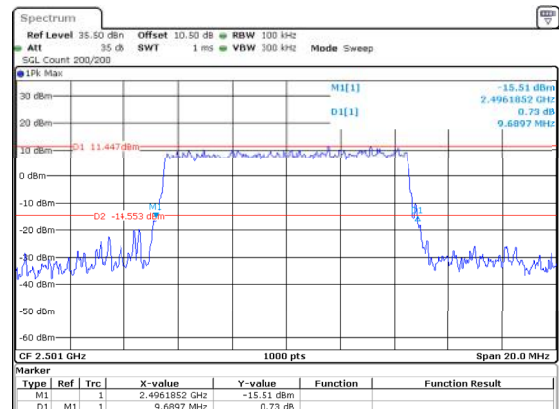
## 10MHz\_Low\_16QAM\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:10:16

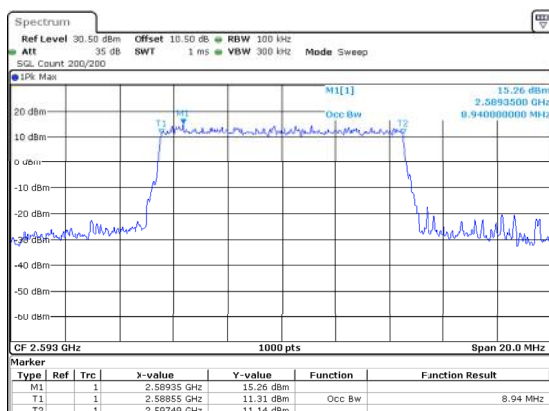
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:10:52

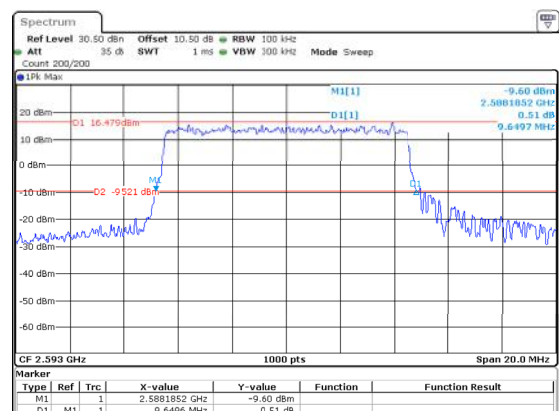
## 10MHz\_Middle\_QPSK\_50@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:07:13

### 26dB Bandwidth

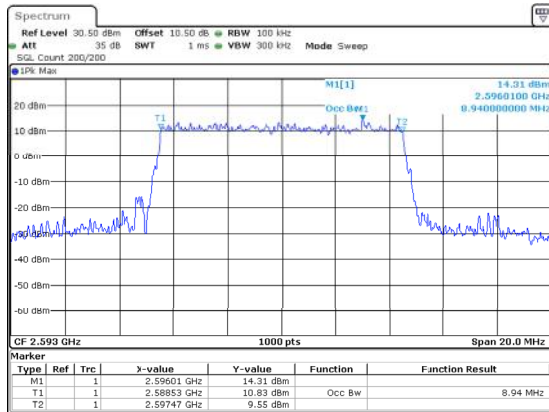


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:08:31

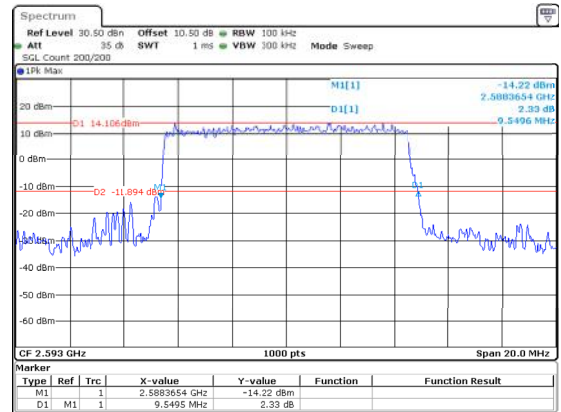
## 10MHz\_Middle\_16QAM\_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:08:15

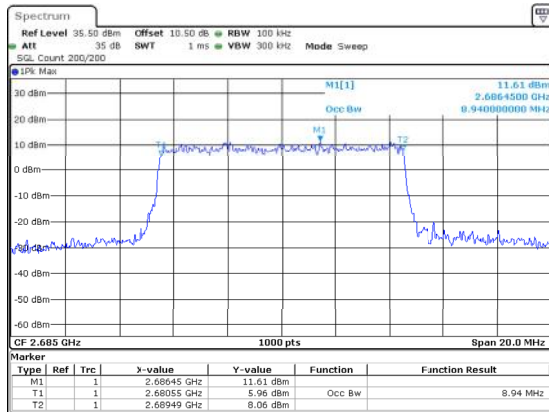


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:09:02

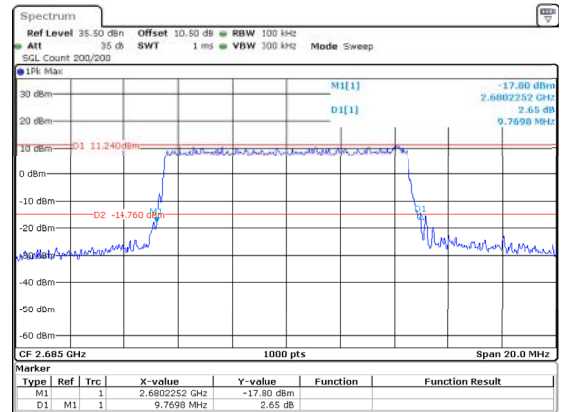
## 10MHz\_High\_QPSK\_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:11:13

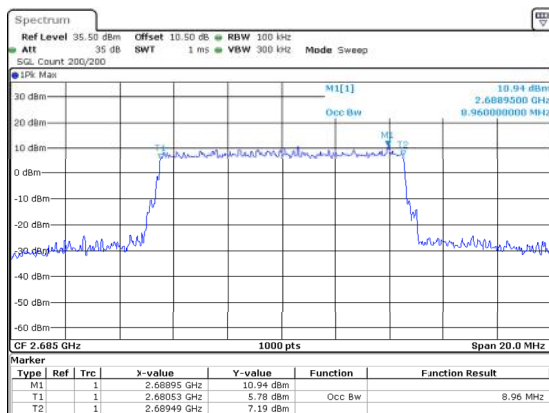


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:11:19

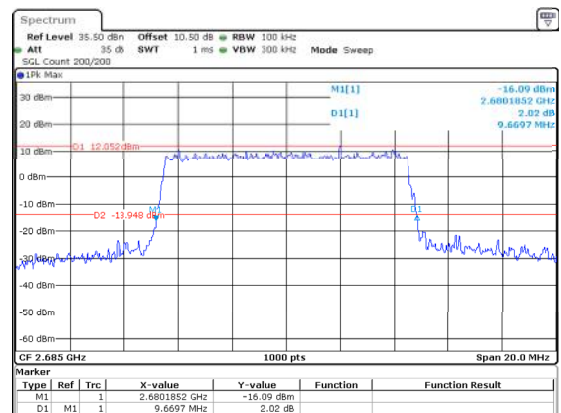
## 10MHz\_High\_16QAM\_50@0

Occupied Bandwidth

26dB Bandwidth



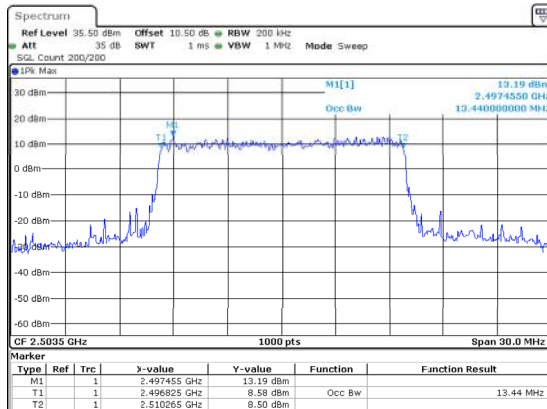
ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:11:41



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:11:47

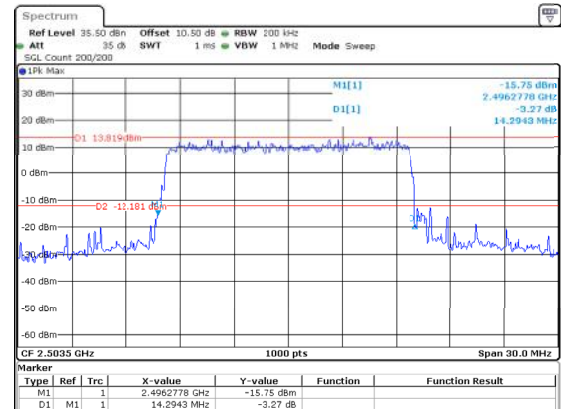
## 15MHz\_Low\_QPSK\_75@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:13:17

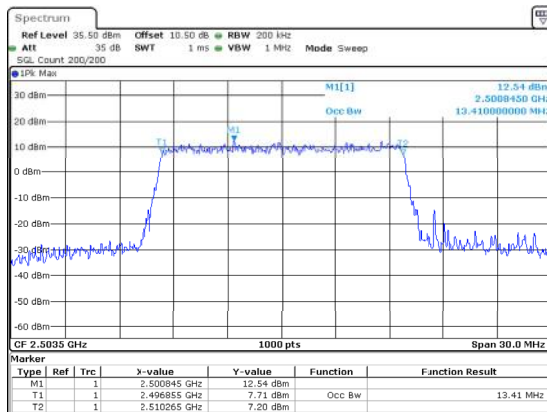
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:13:13

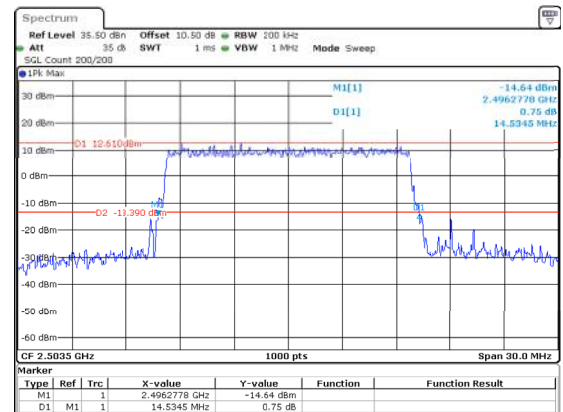
## 15MHz\_Low\_16QAM\_75@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:13:18

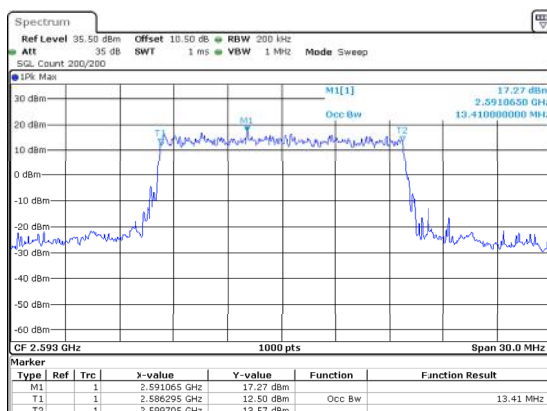
### 26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:13:44

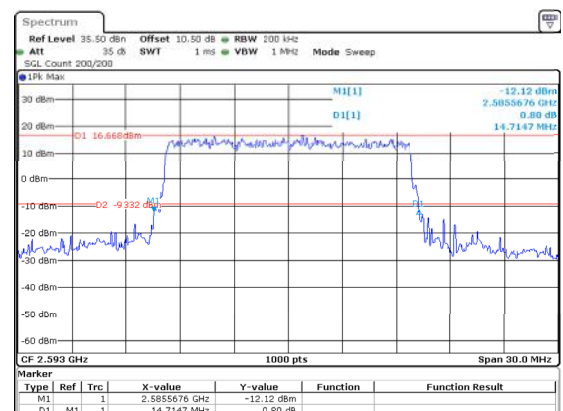
## 15MHz\_Middle\_QPSK\_75@0

### Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:09:50

### 26dB Bandwidth

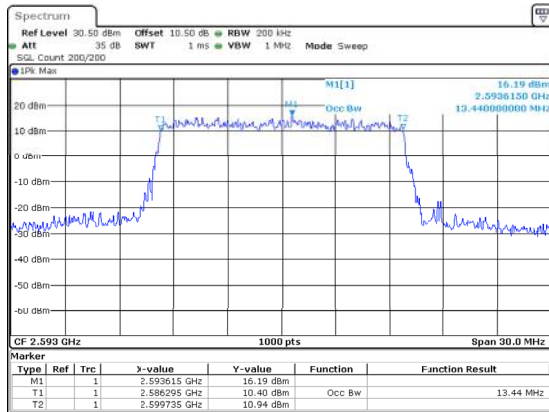


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:09:42

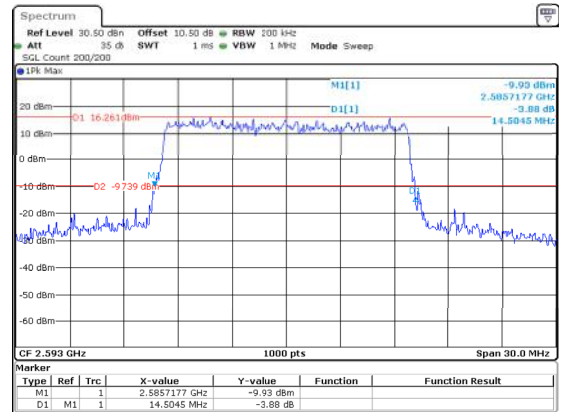
## 15MHz\_Middle\_16QAM\_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:10:10

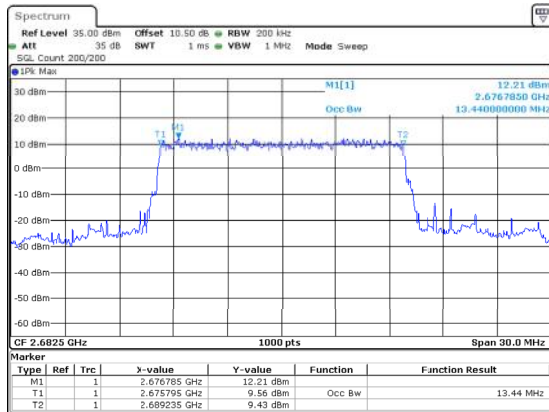


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:10:17

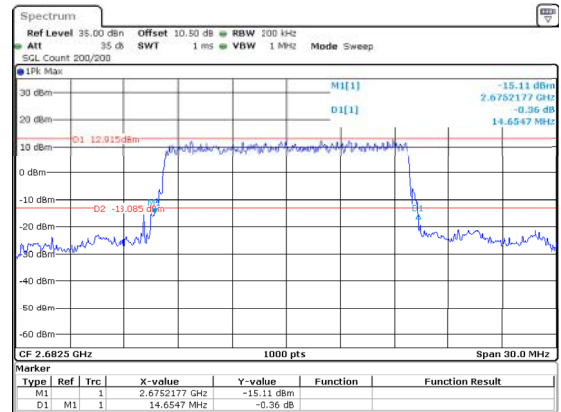
## 15MHz\_High\_QPSK\_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:14:13

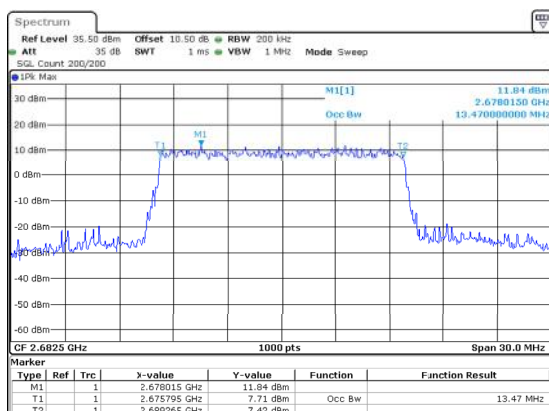


ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:14:20

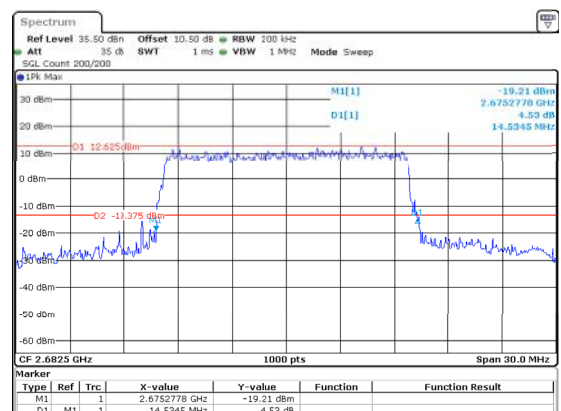
## 15MHz\_High\_16QAM\_75@0

Occupied Bandwidth

26dB Bandwidth



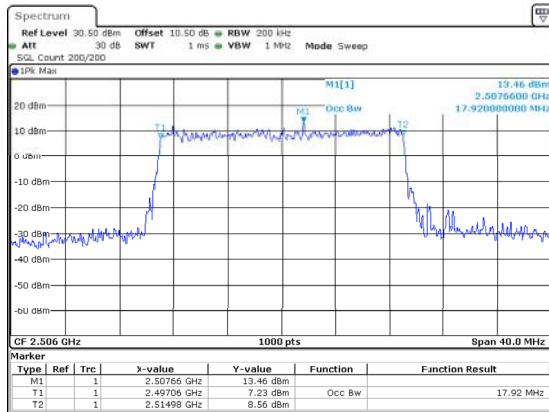
ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:14:16



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:14:53

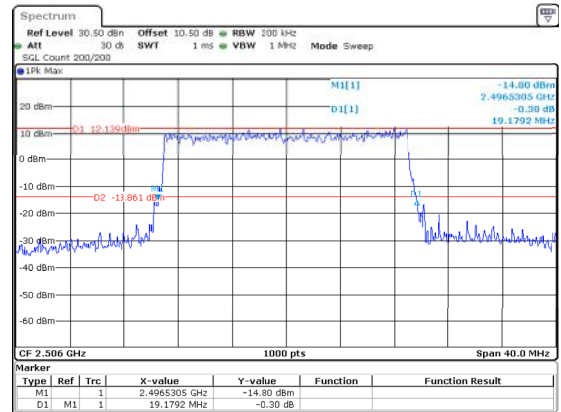
## 20MHz\_Low\_QPSK\_100@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:16:15

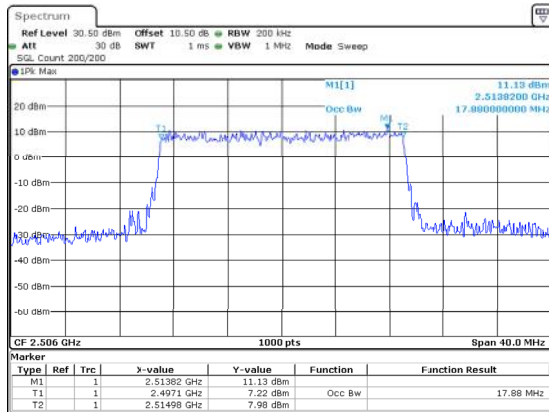
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:16:32

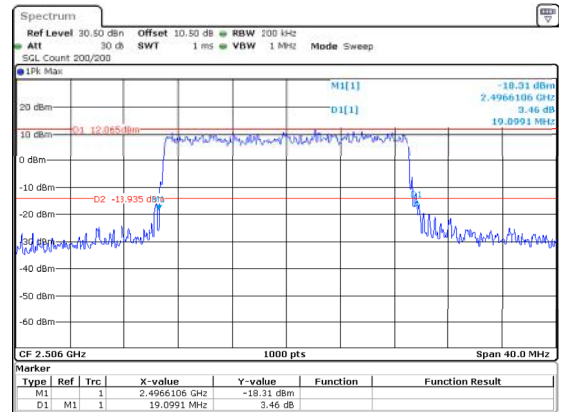
## 20MHz\_Low\_16QAM\_100@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:16:17

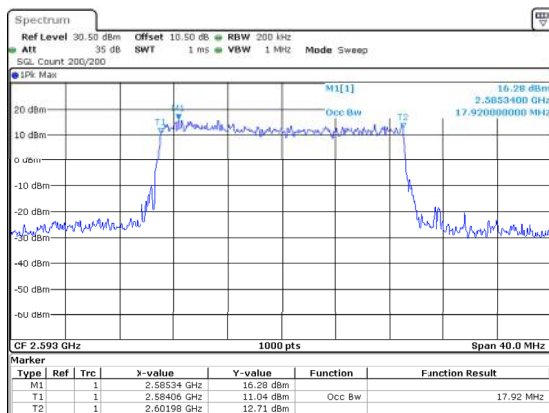
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:17:04

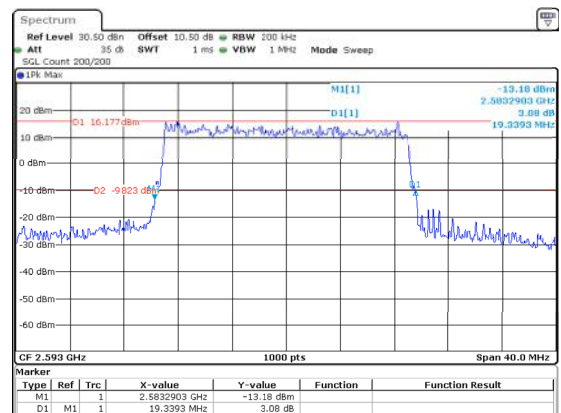
## 20MHz\_Middle\_QPSK\_100@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:10:16

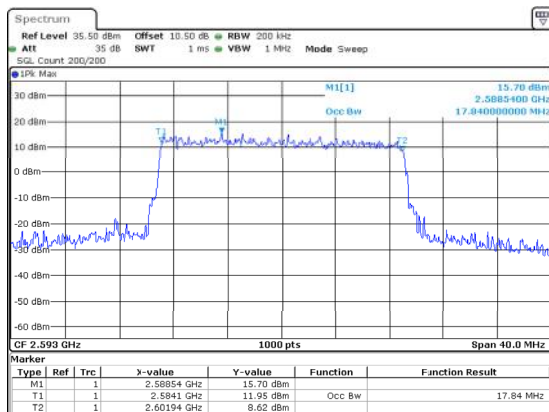
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:10:59

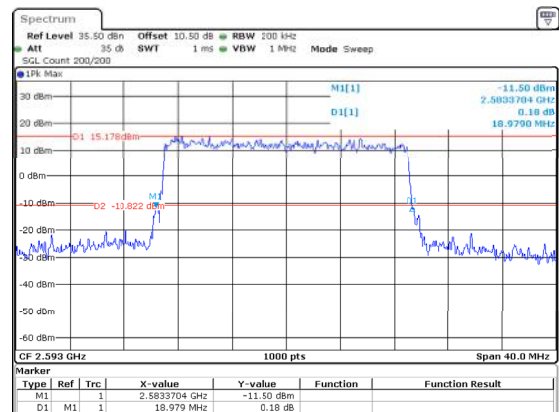
## 20MHz\_Middle\_16QAM\_100@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:11:15

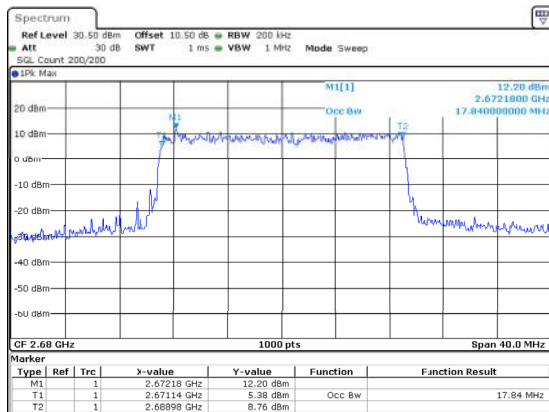
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 17:11:40

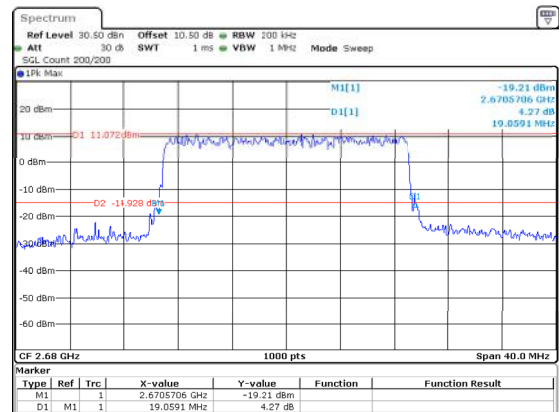
## 20MHz\_High\_QPSK\_100@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:17:19

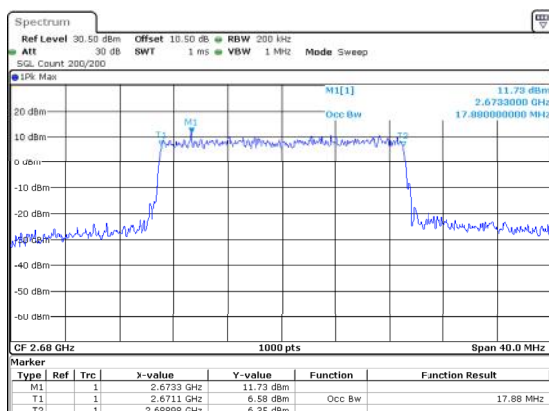
26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:17:36

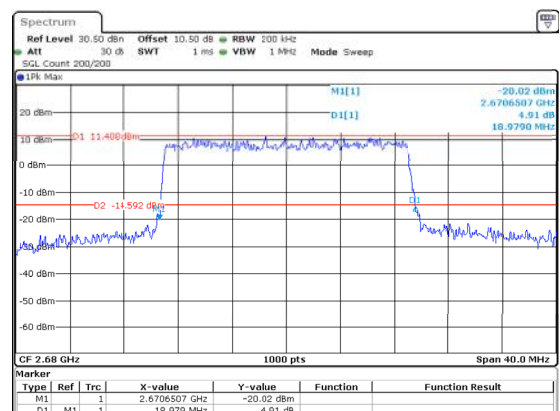
## 20MHz\_High\_16QAM\_100@0

Occupied Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:18:01

26dB Bandwidth



ProjectNo.:2401Y99438E-RF Tester:Leo Lin  
Date: 3.DEC.2024 21:18:08

## RF Output Power

### FCC Part 22H

#### B5, Normal

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 1.4MHz_Low_QPSK_1@0     | 22.76                 | 15.14     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_QPSK_1@3     | 22.73                 | 15.11     | 0.032   | 7         | Pass    |
| 1.4MHz_Low_QPSK_1@5     | 22.79                 | 15.17     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_QPSK_3@0     | 22.73                 | 15.11     | 0.032   | 7         | Pass    |
| 1.4MHz_Low_QPSK_3@1     | 22.70                 | 15.08     | 0.032   | 7         | Pass    |
| 1.4MHz_Low_QPSK_3@3     | 22.71                 | 15.09     | 0.032   | 7         | Pass    |
| 1.4MHz_Low_QPSK_6@0     | 22.78                 | 15.16     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_16QAM_1@0    | 22.78                 | 15.16     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_16QAM_1@3    | 22.76                 | 15.14     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 22.75                 | 15.13     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 22.74                 | 15.12     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 22.74                 | 15.12     | 0.033   | 7         | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 22.71                 | 15.09     | 0.032   | 7         | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 22.71                 | 15.09     | 0.032   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 22.73                 | 15.11     | 0.032   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 22.71                 | 15.09     | 0.032   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 22.76                 | 15.14     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 22.76                 | 15.14     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 22.80                 | 15.18     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 22.77                 | 15.15     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 22.77                 | 15.15     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 22.79                 | 15.17     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 22.80                 | 15.18     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 22.82                 | 15.20     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 22.89                 | 15.27     | 0.034   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 1.4MHz_High_QPSK_1@0    | 22.70                 | 15.08     | 0.032   | 7         | Pass    |
| 1.4MHz_High_QPSK_1@3    | 22.70                 | 15.08     | 0.032   | 7         | Pass    |

| Mode                  | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------------------|-----------------------|-----------|---------|-----------|---------|
| 1.4MHz_High_QPSK_1@5  | 22.69                 | 15.07     | 0.032   | 7         | Pass    |
| 1.4MHz_High_QPSK_3@0  | 22.68                 | 15.06     | 0.032   | 7         | Pass    |
| 1.4MHz_High_QPSK_3@1  | 22.67                 | 15.05     | 0.032   | 7         | Pass    |
| 1.4MHz_High_QPSK_3@3  | 22.65                 | 15.03     | 0.032   | 7         | Pass    |
| 1.4MHz_High_QPSK_6@0  | 22.65                 | 15.03     | 0.032   | 7         | Pass    |
| 1.4MHz_High_16QAM_1@0 | 22.65                 | 15.03     | 0.032   | 7         | Pass    |
| 1.4MHz_High_16QAM_1@3 | 22.72                 | 15.10     | 0.032   | 7         | Pass    |
| 1.4MHz_High_16QAM_1@5 | 22.72                 | 15.10     | 0.032   | 7         | Pass    |
| 1.4MHz_High_16QAM_3@0 | 22.70                 | 15.08     | 0.032   | 7         | Pass    |
| 1.4MHz_High_16QAM_3@1 | 22.70                 | 15.08     | 0.032   | 7         | Pass    |
| 1.4MHz_High_16QAM_3@3 | 22.61                 | 14.99     | 0.032   | 7         | Pass    |
| 1.4MHz_High_16QAM_6@0 | 22.70                 | 15.08     | 0.032   | 7         | Pass    |
| 3MHz_Low_QPSK_1@0     | 22.86                 | 15.24     | 0.033   | 7         | Pass    |
| 3MHz_Low_QPSK_1@14    | 22.82                 | 15.20     | 0.033   | 7         | Pass    |
| 3MHz_Low_QPSK_1@8     | 22.82                 | 15.20     | 0.033   | 7         | Pass    |
| 3MHz_Low_QPSK_15@0    | 22.82                 | 15.20     | 0.033   | 7         | Pass    |
| 3MHz_Low_QPSK_8@0     | 22.83                 | 15.21     | 0.033   | 7         | Pass    |
| 3MHz_Low_QPSK_8@4     | 22.83                 | 15.21     | 0.033   | 7         | Pass    |
| 3MHz_Low_QPSK_8@7     | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 3MHz_Low_16QAM_1@0    | 22.86                 | 15.24     | 0.033   | 7         | Pass    |
| 3MHz_Low_16QAM_1@14   | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 3MHz_Low_16QAM_1@8    | 22.85                 | 15.23     | 0.033   | 7         | Pass    |
| 3MHz_Low_16QAM_15@0   | 22.85                 | 15.23     | 0.033   | 7         | Pass    |
| 3MHz_Low_16QAM_8@0    | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 3MHz_Low_16QAM_8@4    | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 3MHz_Low_16QAM_8@7    | 22.83                 | 15.21     | 0.033   | 7         | Pass    |
| 3MHz_Middle_QPSK_1@0  | 22.74                 | 15.12     | 0.033   | 7         | Pass    |
| 3MHz_Middle_QPSK_1@14 | 22.72                 | 15.10     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_1@8  | 22.73                 | 15.11     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_15@0 | 22.72                 | 15.10     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_8@0  | 22.71                 | 15.09     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_8@4  | 22.71                 | 15.09     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_8@7  | 22.72                 | 15.10     | 0.032   | 7         | Pass    |
| 3MHz_Middle_16QAM_1@0 | 22.72                 | 15.10     | 0.032   | 7         | Pass    |

| Mode                   | Conducted Power<br>(dBm) | ERP<br>(dBm) | ERP<br>(W) | Limit<br>(W) | Verdict |
|------------------------|--------------------------|--------------|------------|--------------|---------|
| 3MHz_Middle_16QAM_1@14 | 22.72                    | 15.10        | 0.032      | 7            | Pass    |
| 3MHz_Middle_16QAM_1@8  | 22.72                    | 15.10        | 0.032      | 7            | Pass    |
| 3MHz_Middle_16QAM_15@0 | 22.72                    | 15.10        | 0.032      | 7            | Pass    |
| 3MHz_Middle_16QAM_8@0  | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_Middle_16QAM_8@4  | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_Middle_16QAM_8@7  | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_High_QPSK_1@0     | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_High_QPSK_1@14    | 22.76                    | 15.14        | 0.033      | 7            | Pass    |
| 3MHz_High_QPSK_1@8     | 22.82                    | <b>15.20</b> | 0.033      | 7            | Pass    |
| 3MHz_High_QPSK_15@0    | 22.76                    | 15.14        | 0.033      | 7            | Pass    |
| 3MHz_High_QPSK_8@0     | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_High_QPSK_8@4     | 22.74                    | 15.12        | 0.033      | 7            | Pass    |
| 3MHz_High_QPSK_8@7     | 22.74                    | 15.12        | 0.033      | 7            | Pass    |
| 3MHz_High_16QAM_1@0    | 22.74                    | <b>15.12</b> | 0.033      | 7            | Pass    |
| 3MHz_High_16QAM_1@14   | 22.74                    | 15.12        | 0.033      | 7            | Pass    |
| 3MHz_High_16QAM_1@8    | 22.72                    | 15.10        | 0.032      | 7            | Pass    |
| 3MHz_High_16QAM_15@0   | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_High_16QAM_8@0    | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_High_16QAM_8@4    | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 3MHz_High_16QAM_8@7    | 22.73                    | 15.11        | 0.032      | 7            | Pass    |
| 5MHz_Low_QPSK_1@0      | 22.84                    | 15.22        | 0.033      | 7            | Pass    |
| 5MHz_Low_QPSK_1@12     | 22.86                    | 15.24        | 0.033      | 7            | Pass    |
| 5MHz_Low_QPSK_1@24     | 22.87                    | 15.25        | 0.033      | 7            | Pass    |
| 5MHz_Low_QPSK_12@0     | 22.88                    | <b>15.26</b> | 0.034      | 7            | Pass    |
| 5MHz_Low_QPSK_12@13    | 22.86                    | 15.24        | 0.033      | 7            | Pass    |
| 5MHz_Low_QPSK_12@7     | 22.87                    | 15.25        | 0.033      | 7            | Pass    |
| 5MHz_Low_QPSK_25@0     | 22.88                    | 15.26        | 0.034      | 7            | Pass    |
| 5MHz_Low_16QAM_1@0     | 22.86                    | 15.24        | 0.033      | 7            | Pass    |
| 5MHz_Low_16QAM_1@12    | 22.91                    | <b>15.29</b> | 0.034      | 7            | Pass    |
| 5MHz_Low_16QAM_1@24    | 22.90                    | 15.28        | 0.034      | 7            | Pass    |
| 5MHz_Low_16QAM_12@0    | 22.85                    | 15.23        | 0.033      | 7            | Pass    |
| 5MHz_Low_16QAM_12@13   | 22.91                    | 15.29        | 0.034      | 7            | Pass    |
| 5MHz_Low_16QAM_12@7    | 22.80                    | 15.18        | 0.033      | 7            | Pass    |
| 5MHz_Low_16QAM_25@0    | 22.80                    | 15.18        | 0.033      | 7            | Pass    |

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Middle_QPSK_1@0    | 22.79                 | 15.17     | 0.033   | 7         | Pass    |
| 5MHz_Middle_QPSK_1@12   | 22.79                 | 15.17     | 0.033   | 7         | Pass    |
| 5MHz_Middle_QPSK_1@24   | 22.79                 | 15.17     | 0.033   | 7         | Pass    |
| 5MHz_Middle_QPSK_12@0   | 22.79                 | 15.17     | 0.033   | 7         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 22.78                 | 15.16     | 0.033   | 7         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 22.78                 | 15.16     | 0.033   | 7         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 22.80                 | 15.18     | 0.033   | 7         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 22.80                 | 15.18     | 0.033   | 7         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 22.80                 | 15.18     | 0.033   | 7         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 22.91                 | 15.29     | 0.034   | 7         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 22.91                 | 15.29     | 0.034   | 7         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.86                 | 15.24     | 0.033   | 7         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.87                 | 15.25     | 0.033   | 7         | Pass    |
| 5MHz_High_QPSK_12@0     | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 5MHz_High_QPSK_12@13    | 22.88                 | 15.26     | 0.034   | 7         | Pass    |
| 5MHz_High_QPSK_12@7     | 22.87                 | 15.25     | 0.033   | 7         | Pass    |
| 5MHz_High_QPSK_25@0     | 22.85                 | 15.23     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_1@0     | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_1@12    | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_1@24    | 22.83                 | 15.21     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_12@0    | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_12@13   | 22.83                 | 15.21     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_12@7    | 22.83                 | 15.21     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_25@0    | 22.83                 | 15.21     | 0.033   | 7         | Pass    |
| 10MHz_Low_QPSK_1@0      | 22.91                 | 15.29     | 0.034   | 7         | Pass    |
| 10MHz_Low_QPSK_1@25     | 22.91                 | 15.29     | 0.034   | 7         | Pass    |
| 10MHz_Low_QPSK_1@49     | 22.90                 | 15.28     | 0.034   | 7         | Pass    |
| 10MHz_Low_QPSK_25@0     | 22.90                 | 15.28     | 0.034   | 7         | Pass    |
| 10MHz_Low_QPSK_25@12    | 22.90                 | 15.28     | 0.034   | 7         | Pass    |
| 10MHz_Low_QPSK_25@25    | 22.91                 | 15.29     | 0.034   | 7         | Pass    |

| Mode                     | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|-----------|---------|-----------|---------|
| 10MHz_Low_QPSK_50@0      | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 10MHz_Low_16QAM_1@0      | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 10MHz_Low_16QAM_1@25     | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 10MHz_Low_16QAM_1@49     | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 10MHz_Low_16QAM_25@12    | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 10MHz_Low_16QAM_25@25    | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 10MHz_Low_16QAM_50@0     | 22.92                 | 15.30     | 0.034   | 7         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 22.82                 | 15.20     | 0.033   | 7         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 22.80                 | 15.18     | 0.033   | 7         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 22.89                 | 15.27     | 0.034   | 7         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 22.82                 | 15.20     | 0.033   | 7         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 22.81                 | 15.19     | 0.033   | 7         | Pass    |
| 10MHz_High_QPSK_1@0      | 22.82                 | 15.20     | 0.033   | 7         | Pass    |
| 10MHz_High_QPSK_1@25     | 22.91                 | 15.29     | 0.034   | 7         | Pass    |
| 10MHz_High_QPSK_1@49     | 22.91                 | 15.29     | 0.034   | 7         | Pass    |
| 10MHz_High_QPSK_25@0     | 22.86                 | 15.24     | 0.033   | 7         | Pass    |
| 10MHz_High_QPSK_25@12    | 22.88                 | 15.26     | 0.034   | 7         | Pass    |
| 10MHz_High_QPSK_25@25    | 22.88                 | 15.26     | 0.034   | 7         | Pass    |
| 10MHz_High_QPSK_50@0     | 22.86                 | 15.24     | 0.033   | 7         | Pass    |
| 10MHz_High_16QAM_1@0     | 22.88                 | 15.26     | 0.034   | 7         | Pass    |
| 10MHz_High_16QAM_1@25    | 22.85                 | 15.23     | 0.033   | 7         | Pass    |
| 10MHz_High_16QAM_1@49    | 22.84                 | 15.22     | 0.033   | 7         | Pass    |
| 10MHz_High_16QAM_25@12   | 22.89                 | 15.27     | 0.034   | 7         | Pass    |
| 10MHz_High_16QAM_25@25   | 22.86                 | 15.24     | 0.033   | 7         | Pass    |
| 10MHz_High_16QAM_50@0    | 22.89                 | 15.27     | 0.034   | 7         | Pass    |

**Note:**

**ERP = Conducted Power(dBm) - L<sub>c</sub>(dB) + G<sub>T</sub>(dBd)**

**G<sub>T</sub>(dBd) = G<sub>T</sub>(dBi) - 2.15**

**B5:**

**1.Ant Gain = -4.97dBi;**

**2.C<sub>L</sub> = signal attenuation in the connecting cable between the transmitter and antenna in 0.5dB**

## FCC Part 24E

### B2, Normal

| Mode                    | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|-------------------------|------------------------------|--------------|----------|-----------|---------|
| 1.4MHz_Low_QPSK_1@0     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 1.4MHz_Low_QPSK_1@3     | 21.40                        | 21.04        | 0.127    | 2         | Pass    |
| 1.4MHz_Low_QPSK_1@5     | 21.38                        | 21.02        | 0.126    | 2         | Pass    |
| 1.4MHz_Low_QPSK_3@0     | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 1.4MHz_Low_QPSK_3@1     | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 1.4MHz_Low_QPSK_3@3     | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 1.4MHz_Low_QPSK_6@0     | 21.38                        | 21.02        | 0.126    | 2         | Pass    |
| 1.4MHz_Low_16QAM_1@0    | 21.37                        | 21.01        | 0.126    | 2         | Pass    |
| 1.4MHz_Low_16QAM_1@3    | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 21.44                        | 21.08        | 0.128    | 2         | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 21.58                        | 21.22        | 0.132    | 2         | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 21.55                        | 21.19        | 0.132    | 2         | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 21.57                        | <b>21.21</b> | 0.132    | 2         | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 21.56                        | 21.20        | 0.132    | 2         | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 21.55                        | 21.19        | 0.132    | 2         | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 21.55                        | 21.19        | 0.132    | 2         | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 21.55                        | 21.19        | 0.132    | 2         | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 21.55                        | 21.19        | 0.132    | 2         | Pass    |
| 1.4MHz_High_QPSK_1@0    | 21.61                        | <b>21.25</b> | 0.133    | 2         | Pass    |
| 1.4MHz_High_QPSK_1@3    | 21.55                        | 21.19        | 0.132    | 2         | Pass    |

| Mode                  | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|-----------------------|------------------------------|--------------|----------|-----------|---------|
| 1.4MHz_High_QPSK_1@5  | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 1.4MHz_High_QPSK_3@0  | 21.65                        | <b>21.29</b> | 0.135    | 2         | Pass    |
| 1.4MHz_High_QPSK_3@1  | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 1.4MHz_High_QPSK_3@3  | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 1.4MHz_High_QPSK_6@0  | 21.49                        | 21.13        | 0.130    | 2         | Pass    |
| 1.4MHz_High_16QAM_1@0 | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 1.4MHz_High_16QAM_1@3 | 21.49                        | 21.13        | 0.130    | 2         | Pass    |
| 1.4MHz_High_16QAM_1@5 | 21.60                        | <b>21.24</b> | 0.133    | 2         | Pass    |
| 1.4MHz_High_16QAM_3@0 | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 1.4MHz_High_16QAM_3@1 | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 1.4MHz_High_16QAM_3@3 | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 1.4MHz_High_16QAM_6@0 | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 3MHz_Low_QPSK_1@0     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 3MHz_Low_QPSK_1@14    | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 3MHz_Low_QPSK_1@8     | 21.40                        | 21.04        | 0.127    | 2         | Pass    |
| 3MHz_Low_QPSK_15@0    | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 3MHz_Low_QPSK_8@0     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 3MHz_Low_QPSK_8@4     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 3MHz_Low_QPSK_8@7     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 3MHz_Low_16QAM_1@0    | 21.51                        | <b>21.15</b> | 0.130    | 2         | Pass    |
| 3MHz_Low_16QAM_1@14   | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 3MHz_Low_16QAM_1@8    | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 3MHz_Low_16QAM_15@0   | 21.49                        | 21.13        | 0.130    | 2         | Pass    |
| 3MHz_Low_16QAM_8@0    | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 3MHz_Low_16QAM_8@4    | 21.49                        | 21.13        | 0.130    | 2         | Pass    |
| 3MHz_Low_16QAM_8@7    | 21.49                        | 21.13        | 0.130    | 2         | Pass    |
| 3MHz_Middle_QPSK_1@0  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_Middle_QPSK_1@14 | 21.53                        | <b>21.17</b> | 0.131    | 2         | Pass    |
| 3MHz_Middle_QPSK_1@8  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_Middle_QPSK_15@0 | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_Middle_QPSK_8@0  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_Middle_QPSK_8@4  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_Middle_QPSK_8@7  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_Middle_16QAM_1@0 | 21.51                        | 21.15        | 0.130    | 2         | Pass    |

| Mode                   | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|------------------------|------------------------------|--------------|----------|-----------|---------|
| 3MHz_Middle_16QAM_1@14 | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 3MHz_Middle_16QAM_1@8  | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 3MHz_Middle_16QAM_15@0 | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 3MHz_Middle_16QAM_8@0  | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 3MHz_Middle_16QAM_8@4  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_Middle_16QAM_8@7  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_High_QPSK_1@0     | 21.55                        | <b>21.19</b> | 0.132    | 2         | Pass    |
| 3MHz_High_QPSK_1@14    | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 3MHz_High_QPSK_1@8     | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 3MHz_High_QPSK_15@0    | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 3MHz_High_QPSK_8@0     | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_High_QPSK_8@4     | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 3MHz_High_QPSK_8@7     | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 3MHz_High_16QAM_1@0    | 21.61                        | <b>21.25</b> | 0.133    | 2         | Pass    |
| 3MHz_High_16QAM_1@14   | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 3MHz_High_16QAM_1@8    | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 3MHz_High_16QAM_15@0   | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 3MHz_High_16QAM_8@0    | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 3MHz_High_16QAM_8@4    | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 3MHz_High_16QAM_8@7    | 21.58                        | 21.22        | 0.132    | 2         | Pass    |
| 5MHz_Low_QPSK_1@0      | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 5MHz_Low_QPSK_1@12     | 21.46                        | <b>21.10</b> | 0.129    | 2         | Pass    |
| 5MHz_Low_QPSK_1@24     | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 5MHz_Low_QPSK_12@0     | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 5MHz_Low_QPSK_12@13    | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 5MHz_Low_QPSK_12@7     | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 5MHz_Low_QPSK_25@0     | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 5MHz_Low_16QAM_1@0     | 21.45                        | <b>21.09</b> | 0.129    | 2         | Pass    |
| 5MHz_Low_16QAM_1@12    | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 5MHz_Low_16QAM_1@24    | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 5MHz_Low_16QAM_12@0    | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 5MHz_Low_16QAM_12@13   | 21.44                        | 21.08        | 0.128    | 2         | Pass    |
| 5MHz_Low_16QAM_12@7    | 21.44                        | 21.08        | 0.128    | 2         | Pass    |
| 5MHz_Low_16QAM_25@0    | 21.45                        | 21.09        | 0.129    | 2         | Pass    |

| Mode                    | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|-------------------------|------------------------------|--------------|----------|-----------|---------|
| 5MHz_Middle_QPSK_1@0    | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 5MHz_Middle_QPSK_1@12   | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 5MHz_Middle_QPSK_1@24   | 21.38                        | 21.02        | 0.126    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@0   | 21.38                        | 21.02        | 0.126    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 21.40                        | 21.04        | 0.127    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 21.40                        | 21.04        | 0.127    | 2         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 21.40                        | 21.04        | 0.127    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 21.40                        | 21.04        | 0.127    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 21.38                        | 21.02        | 0.126    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 21.38                        | 21.02        | 0.126    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 5MHz_High_QPSK_1@0      | 21.55                        | <b>21.19</b> | 0.132    | 2         | Pass    |
| 5MHz_High_QPSK_1@12     | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 5MHz_High_QPSK_1@24     | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 5MHz_High_QPSK_12@0     | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 5MHz_High_QPSK_12@13    | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 5MHz_High_QPSK_12@7     | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 5MHz_High_QPSK_25@0     | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 5MHz_High_16QAM_1@0     | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 5MHz_High_16QAM_12@0    | 21.55                        | <b>21.19</b> | 0.132    | 2         | Pass    |
| 5MHz_High_16QAM_12@13   | 21.54                        | 21.18        | 0.131    | 2         | Pass    |
| 5MHz_High_16QAM_12@7    | 21.55                        | 21.19        | 0.132    | 2         | Pass    |
| 5MHz_High_16QAM_25@0    | 21.54                        | 21.18        | 0.131    | 2         | Pass    |
| 10MHz_Low_QPSK_1@0      | 21.46                        | <b>21.10</b> | 0.129    | 2         | Pass    |
| 10MHz_Low_QPSK_1@25     | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 10MHz_Low_QPSK_1@49     | 21.40                        | 21.04        | 0.127    | 2         | Pass    |
| 10MHz_Low_QPSK_25@0     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Low_QPSK_25@12    | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Low_QPSK_25@25    | 21.39                        | 21.03        | 0.127    | 2         | Pass    |

| Mode                     | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------------------------|--------------|----------|-----------|---------|
| 10MHz_Low_QPSK_50@0      | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Low_16QAM_1@0      | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Low_16QAM_1@25     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Low_16QAM_1@49     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Low_16QAM_25@12    | 21.44                        | 21.08        | 0.128    | 2         | Pass    |
| 10MHz_Low_16QAM_25@25    | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Low_16QAM_50@0     | 21.39                        | 21.03        | 0.127    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 10MHz_High_QPSK_1@0      | 21.50                        | 21.14        | 0.130    | 2         | Pass    |
| 10MHz_High_QPSK_1@25     | 21.61                        | <b>21.25</b> | 0.133    | 2         | Pass    |
| 10MHz_High_QPSK_1@49     | 21.61                        | 21.25        | 0.133    | 2         | Pass    |
| 10MHz_High_QPSK_25@0     | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 10MHz_High_QPSK_25@12    | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 10MHz_High_QPSK_25@25    | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 10MHz_High_QPSK_50@0     | 21.60                        | 21.24        | 0.133    | 2         | Pass    |
| 10MHz_High_16QAM_1@0     | 21.60                        | <b>21.24</b> | 0.133    | 2         | Pass    |
| 10MHz_High_16QAM_1@25    | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 10MHz_High_16QAM_1@49    | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 10MHz_High_16QAM_25@12   | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 10MHz_High_16QAM_25@25   | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 10MHz_High_16QAM_50@0    | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 15MHz_Low_QPSK_1@0       | 21.47                        | <b>21.11</b> | 0.129    | 2         | Pass    |

| Mode                     | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------------------------|--------------|----------|-----------|---------|
| 15MHz_Low_QPSK_1@37      | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 15MHz_Low_QPSK_1@74      | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 15MHz_Low_QPSK_36@0      | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 15MHz_Low_QPSK_36@20     | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 15MHz_Low_QPSK_36@39     | 21.44                        | 21.08        | 0.128    | 2         | Pass    |
| 15MHz_Low_QPSK_75@0      | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 15MHz_Low_16QAM_1@0      | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 15MHz_Low_16QAM_1@37     | 21.54                        | <b>21.18</b> | 0.131    | 2         | Pass    |
| 15MHz_Low_16QAM_1@74     | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 15MHz_Low_16QAM_36@0     | 21.53                        | 21.17        | 0.131    | 2         | Pass    |
| 15MHz_Low_16QAM_36@20    | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 15MHz_Low_16QAM_36@39    | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 15MHz_Low_16QAM_75@0     | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@0    | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@37   | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@74   | 21.44                        | 21.08        | 0.128    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@0   | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@20  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@39  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 15MHz_Middle_QPSK_75@0   | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@0   | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@37  | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@74  | 21.49                        | 21.13        | 0.130    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@0  | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@20 | 21.52                        | 21.16        | 0.131    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@39 | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 15MHz_Middle_16QAM_75@0  | 21.51                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_High_QPSK_1@0      | 21.59                        | 21.23        | 0.133    | 2         | Pass    |
| 15MHz_High_QPSK_1@37     | 21.58                        | 21.22        | 0.132    | 2         | Pass    |
| 15MHz_High_QPSK_1@74     | 21.64                        | <b>21.28</b> | 0.134    | 2         | Pass    |
| 15MHz_High_QPSK_36@0     | 21.64                        | 21.28        | 0.134    | 2         | Pass    |
| 15MHz_High_QPSK_36@20    | 21.64                        | 21.28        | 0.134    | 2         | Pass    |
| 15MHz_High_QPSK_36@39    | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 15MHz_High_QPSK_75@0     | 21.64                        | 21.28        | 0.134    | 2         | Pass    |

| Mode                     | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------------------------|--------------|----------|-----------|---------|
| 15MHz_High_16QAM_1@0     | 21.63                        | <b>21.27</b> | 0.134    | 2         | Pass    |
| 15MHz_High_16QAM_1@37    | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 15MHz_High_16QAM_1@74    | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 15MHz_High_16QAM_36@0    | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 15MHz_High_16QAM_36@20   | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 15MHz_High_16QAM_36@39   | 21.63                        | 21.27        | 0.134    | 2         | Pass    |
| 15MHz_High_16QAM_75@0    | 21.62                        | 21.26        | 0.134    | 2         | Pass    |
| 20MHz_Low_QPSK_1@0       | 21.36                        | 21.00        | 0.126    | 2         | Pass    |
| 20MHz_Low_QPSK_1@49      | 21.37                        | 21.01        | 0.126    | 2         | Pass    |
| 20MHz_Low_QPSK_1@99      | 21.33                        | 20.97        | 0.125    | 2         | Pass    |
| 20MHz_Low_QPSK_100@0     | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 20MHz_Low_QPSK_50@0      | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 20MHz_Low_QPSK_50@24     | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 20MHz_Low_QPSK_50@50     | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 20MHz_Low_16QAM_1@0      | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 20MHz_Low_16QAM_1@49     | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 20MHz_Low_16QAM_1@99     | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_100@0    | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 20MHz_Low_16QAM_50@0     | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 20MHz_Low_16QAM_50@24    | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 20MHz_Low_16QAM_50@50    | 21.48                        | <b>21.12</b> | 0.129    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@0    | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@49   | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@99   | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_Middle_QPSK_100@0  | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@0   | 21.42                        | 21.06        | 0.128    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@24  | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@50  | 21.49                        | <b>21.13</b> | 0.130    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@0   | 21.45                        | 21.09        | 0.129    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@49  | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@99  | 21.43                        | 21.07        | 0.128    | 2         | Pass    |
| 20MHz_Middle_16QAM_100@0 | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 20MHz_Middle_16QAM_50@0  | 21.41                        | 21.05        | 0.127    | 2         | Pass    |
| 20MHz_Middle_16QAM_50@24 | 21.46                        | 21.10        | 0.129    | 2         | Pass    |

| Mode                     | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------------------------|--------------|----------|-----------|---------|
| 20MHz_Middle_16QAM_50@50 | 21.46                        | 21.10        | 0.129    | 2         | Pass    |
| 20MHz_High_QPSK_1@0      | 21.50                        | <b>21.14</b> | 0.130    | 2         | Pass    |
| 20MHz_High_QPSK_1@49     | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_High_QPSK_1@99     | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_High_QPSK_100@0    | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_High_QPSK_50@0     | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 20MHz_High_QPSK_50@24    | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_High_QPSK_50@50    | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_High_16QAM_1@0     | 21.48                        | <b>21.12</b> | 0.129    | 2         | Pass    |
| 20MHz_High_16QAM_1@49    | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 20MHz_High_16QAM_1@99    | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_High_16QAM_100@0   | 21.48                        | 21.12        | 0.129    | 2         | Pass    |
| 20MHz_High_16QAM_50@0    | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 20MHz_High_16QAM_50@24   | 21.47                        | 21.11        | 0.129    | 2         | Pass    |
| 20MHz_High_16QAM_50@50   | 21.47                        | 21.11        | 0.129    | 2         | Pass    |

**Note:**

**EIRP = Average Conducted Power(dBm) - L<sub>C</sub>(dB) + G<sub>T</sub>(dBi)**

**B2:**

**1.Ant Gain = -0.36dBi;**

**2.C<sub>L</sub> = signal attenuation in the connecting cable between the transmitter and antenna in 0dB**

## FCC Part 27

### B12, Normal

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 1.4MHz_Low_QPSK_1@0     | 21.35                 | 14.69     | 0.029   | 3         | Pass    |
| 1.4MHz_Low_QPSK_1@3     | 21.34                 | 14.68     | 0.029   | 3         | Pass    |
| 1.4MHz_Low_QPSK_1@5     | 21.34                 | 14.68     | 0.029   | 3         | Pass    |
| 1.4MHz_Low_QPSK_3@0     | 21.31                 | 14.65     | 0.029   | 3         | Pass    |
| 1.4MHz_Low_QPSK_3@1     | 21.34                 | 14.68     | 0.029   | 3         | Pass    |
| 1.4MHz_Low_QPSK_3@3     | 21.34                 | 14.68     | 0.029   | 3         | Pass    |
| 1.4MHz_Low_QPSK_6@0     | 21.35                 | 14.69     | 0.029   | 3         | Pass    |
| 1.4MHz_Low_16QAM_1@0    | 21.38                 | 14.72     | 0.030   | 3         | Pass    |
| 1.4MHz_Low_16QAM_1@3    | 21.50                 | 14.84     | 0.030   | 3         | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 21.45                 | 14.79     | 0.030   | 3         | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 19.88                 | 13.22     | 0.021   | 3         | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 19.86                 | 13.20     | 0.021   | 3         | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 19.32                 | 12.66     | 0.018   | 3         | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 18.64                 | 11.98     | 0.016   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 21.17                 | 14.51     | 0.028   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 21.11                 | 14.45     | 0.028   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 21.01                 | 14.35     | 0.027   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 20.98                 | 14.32     | 0.027   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 20.88                 | 14.22     | 0.026   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 21.19                 | 14.53     | 0.028   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 20.28                 | 13.62     | 0.023   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 21.20                 | 14.54     | 0.028   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 21.09                 | 14.43     | 0.028   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 20.99                 | 14.33     | 0.027   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 20.13                 | 13.47     | 0.022   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 20.21                 | 13.55     | 0.023   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 20.09                 | 13.43     | 0.022   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 19.07                 | 12.41     | 0.017   | 3         | Pass    |
| 1.4MHz_High_QPSK_1@0    | 21.27                 | 14.61     | 0.029   | 3         | Pass    |
| 1.4MHz_High_QPSK_1@3    | 21.13                 | 14.47     | 0.028   | 3         | Pass    |

| Mode                  | Conducted Power (dBm) | ERP (dBm)    | ERP (W) | Limit (W) | Verdict |
|-----------------------|-----------------------|--------------|---------|-----------|---------|
| 1.4MHz_High_QPSK_1@5  | 20.95                 | 14.29        | 0.027   | 3         | Pass    |
| 1.4MHz_High_QPSK_3@0  | 21.13                 | 14.47        | 0.028   | 3         | Pass    |
| 1.4MHz_High_QPSK_3@1  | 21.94                 | 15.28        | 0.034   | 3         | Pass    |
| 1.4MHz_High_QPSK_3@3  | 22.02                 | <b>15.36</b> | 0.034   | 3         | Pass    |
| 1.4MHz_High_QPSK_6@0  | 20.98                 | 14.32        | 0.027   | 3         | Pass    |
| 1.4MHz_High_16QAM_1@0 | 21.70                 | 15.04        | 0.032   | 3         | Pass    |
| 1.4MHz_High_16QAM_1@3 | 21.57                 | 14.91        | 0.031   | 3         | Pass    |
| 1.4MHz_High_16QAM_1@5 | 22.19                 | <b>15.53</b> | 0.036   | 3         | Pass    |
| 1.4MHz_High_16QAM_3@0 | 20.86                 | 14.20        | 0.026   | 3         | Pass    |
| 1.4MHz_High_16QAM_3@1 | 21.02                 | 14.36        | 0.027   | 3         | Pass    |
| 1.4MHz_High_16QAM_3@3 | 21.22                 | 14.56        | 0.029   | 3         | Pass    |
| 1.4MHz_High_16QAM_6@0 | 19.83                 | 13.17        | 0.021   | 3         | Pass    |
| 3MHz_Low_QPSK_1@0     | 21.31                 | 14.65        | 0.029   | 3         | Pass    |
| 3MHz_Low_QPSK_1@14    | 21.96                 | 15.30        | 0.034   | 3         | Pass    |
| 3MHz_Low_QPSK_1@8     | 22.02                 | <b>15.36</b> | 0.034   | 3         | Pass    |
| 3MHz_Low_QPSK_15@0    | 20.81                 | 14.15        | 0.026   | 3         | Pass    |
| 3MHz_Low_QPSK_8@0     | 20.83                 | 14.17        | 0.026   | 3         | Pass    |
| 3MHz_Low_QPSK_8@4     | 20.02                 | 13.36        | 0.022   | 3         | Pass    |
| 3MHz_Low_QPSK_8@7     | 20.96                 | 14.30        | 0.027   | 3         | Pass    |
| 3MHz_Low_16QAM_1@0    | 21.59                 | 14.93        | 0.031   | 3         | Pass    |
| 3MHz_Low_16QAM_1@14   | 21.55                 | 14.89        | 0.031   | 3         | Pass    |
| 3MHz_Low_16QAM_1@8    | 22.08                 | <b>15.42</b> | 0.035   | 3         | Pass    |
| 3MHz_Low_16QAM_15@0   | 19.94                 | 13.28        | 0.021   | 3         | Pass    |
| 3MHz_Low_16QAM_8@0    | 20.09                 | 13.43        | 0.022   | 3         | Pass    |
| 3MHz_Low_16QAM_8@4    | 20.02                 | 13.36        | 0.022   | 3         | Pass    |
| 3MHz_Low_16QAM_8@7    | 20.44                 | 13.78        | 0.024   | 3         | Pass    |
| 3MHz_Middle_QPSK_1@0  | 21.89                 | 15.23        | 0.033   | 3         | Pass    |
| 3MHz_Middle_QPSK_1@14 | 22.01                 | 15.35        | 0.034   | 3         | Pass    |
| 3MHz_Middle_QPSK_1@8  | 20.71                 | 14.05        | 0.025   | 3         | Pass    |
| 3MHz_Middle_QPSK_15@0 | 19.80                 | 13.14        | 0.021   | 3         | Pass    |
| 3MHz_Middle_QPSK_8@0  | 19.82                 | 13.16        | 0.021   | 3         | Pass    |
| 3MHz_Middle_QPSK_8@4  | 19.59                 | 12.93        | 0.020   | 3         | Pass    |
| 3MHz_Middle_QPSK_8@7  | 19.51                 | 12.85        | 0.019   | 3         | Pass    |
| 3MHz_Middle_16QAM_1@0 | 20.47                 | 13.81        | 0.024   | 3         | Pass    |

| Mode                   | Conducted Power<br>(dBm) | ERP<br>(dBm) | ERP<br>(W) | Limit<br>(W) | Verdict |
|------------------------|--------------------------|--------------|------------|--------------|---------|
| 3MHz_Middle_16QAM_1@14 | 21.36                    | <b>14.70</b> | 0.030      | 3            | Pass    |
| 3MHz_Middle_16QAM_1@8  | 20.33                    | 13.67        | 0.023      | 3            | Pass    |
| 3MHz_Middle_16QAM_15@0 | 18.74                    | 12.08        | 0.016      | 3            | Pass    |
| 3MHz_Middle_16QAM_8@0  | 18.37                    | 11.71        | 0.015      | 3            | Pass    |
| 3MHz_Middle_16QAM_8@4  | 18.31                    | 11.65        | 0.015      | 3            | Pass    |
| 3MHz_Middle_16QAM_8@7  | 18.13                    | 11.47        | 0.014      | 3            | Pass    |
| 3MHz_High_QPSK_1@0     | 20.96                    | 14.30        | 0.027      | 3            | Pass    |
| 3MHz_High_QPSK_1@14    | 21.52                    | <b>14.86</b> | 0.031      | 3            | Pass    |
| 3MHz_High_QPSK_1@8     | 20.49                    | 13.83        | 0.024      | 3            | Pass    |
| 3MHz_High_QPSK_15@0    | 19.57                    | 12.91        | 0.020      | 3            | Pass    |
| 3MHz_High_QPSK_8@0     | 19.31                    | 12.65        | 0.018      | 3            | Pass    |
| 3MHz_High_QPSK_8@4     | 19.25                    | 12.59        | 0.018      | 3            | Pass    |
| 3MHz_High_QPSK_8@7     | 19.22                    | 12.56        | 0.018      | 3            | Pass    |
| 3MHz_High_16QAM_1@0    | 20.51                    | 13.85        | 0.024      | 3            | Pass    |
| 3MHz_High_16QAM_1@14   | 20.43                    | 13.77        | 0.024      | 3            | Pass    |
| 3MHz_High_16QAM_1@8    | 20.47                    | 13.81        | 0.024      | 3            | Pass    |
| 3MHz_High_16QAM_15@0   | 18.56                    | 11.90        | 0.015      | 3            | Pass    |
| 3MHz_High_16QAM_8@0    | 18.21                    | 11.55        | 0.014      | 3            | Pass    |
| 3MHz_High_16QAM_8@4    | 19.57                    | 12.91        | 0.020      | 3            | Pass    |
| 3MHz_High_16QAM_8@7    | 19.29                    | 12.63        | 0.018      | 3            | Pass    |
| 5MHz_Low_QPSK_1@0      | 21.02                    | <b>14.36</b> | 0.027      | 3            | Pass    |
| 5MHz_Low_QPSK_1@12     | 20.64                    | 13.98        | 0.025      | 3            | Pass    |
| 5MHz_Low_QPSK_1@24     | 20.61                    | 13.95        | 0.025      | 3            | Pass    |
| 5MHz_Low_QPSK_12@0     | 19.14                    | 12.48        | 0.018      | 3            | Pass    |
| 5MHz_Low_QPSK_12@13    | 19.29                    | 12.63        | 0.018      | 3            | Pass    |
| 5MHz_Low_QPSK_12@7     | 19.29                    | 12.63        | 0.018      | 3            | Pass    |
| 5MHz_Low_QPSK_25@0     | 19.22                    | 12.56        | 0.018      | 3            | Pass    |
| 5MHz_Low_16QAM_1@0     | 19.62                    | 12.96        | 0.020      | 3            | Pass    |
| 5MHz_Low_16QAM_1@12    | 19.78                    | 13.12        | 0.021      | 3            | Pass    |
| 5MHz_Low_16QAM_1@24    | 21.12                    | <b>14.46</b> | 0.028      | 3            | Pass    |
| 5MHz_Low_16QAM_12@0    | 18.64                    | 11.98        | 0.016      | 3            | Pass    |
| 5MHz_Low_16QAM_12@13   | 20.24                    | 13.58        | 0.023      | 3            | Pass    |
| 5MHz_Low_16QAM_12@7    | 20.18                    | 13.52        | 0.022      | 3            | Pass    |
| 5MHz_Low_16QAM_25@0    | 20.37                    | 13.71        | 0.023      | 3            | Pass    |

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Middle_QPSK_1@0    | 21.38                 | 14.72     | 0.030   | 3         | Pass    |
| 5MHz_Middle_QPSK_1@12   | 20.41                 | 13.75     | 0.024   | 3         | Pass    |
| 5MHz_Middle_QPSK_1@24   | 20.28                 | 13.62     | 0.023   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@0   | 19.36                 | 12.70     | 0.019   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 19.29                 | 12.63     | 0.018   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 19.17                 | 12.51     | 0.018   | 3         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 18.72                 | 12.06     | 0.016   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 19.53                 | 12.87     | 0.019   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 19.31                 | 12.65     | 0.018   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 19.79                 | 13.13     | 0.021   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 17.88                 | 11.22     | 0.013   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 17.71                 | 11.05     | 0.013   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 17.70                 | 11.04     | 0.013   | 3         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 17.84                 | 11.18     | 0.013   | 3         | Pass    |
| 5MHz_High_QPSK_1@0      | 20.29                 | 13.63     | 0.023   | 3         | Pass    |
| 5MHz_High_QPSK_1@12     | 20.25                 | 13.59     | 0.023   | 3         | Pass    |
| 5MHz_High_QPSK_1@24     | 19.86                 | 13.20     | 0.021   | 3         | Pass    |
| 5MHz_High_QPSK_12@0     | 18.87                 | 12.21     | 0.017   | 3         | Pass    |
| 5MHz_High_QPSK_12@13    | 18.93                 | 12.27     | 0.017   | 3         | Pass    |
| 5MHz_High_QPSK_12@7     | 18.86                 | 12.20     | 0.017   | 3         | Pass    |
| 5MHz_High_QPSK_25@0     | 18.77                 | 12.11     | 0.016   | 3         | Pass    |
| 5MHz_High_16QAM_1@0     | 18.99                 | 12.33     | 0.017   | 3         | Pass    |
| 5MHz_High_16QAM_1@12    | 19.16                 | 12.50     | 0.018   | 3         | Pass    |
| 5MHz_High_16QAM_1@24    | 19.18                 | 12.52     | 0.018   | 3         | Pass    |
| 5MHz_High_16QAM_12@0    | 17.64                 | 10.98     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_12@13   | 17.81                 | 11.15     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_12@7    | 17.94                 | 11.28     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_25@0    | 18.10                 | 11.44     | 0.014   | 3         | Pass    |
| 10MHz_Low_QPSK_1@0      | 20.06                 | 13.40     | 0.022   | 3         | Pass    |
| 10MHz_Low_QPSK_1@25     | 20.05                 | 13.39     | 0.022   | 3         | Pass    |
| 10MHz_Low_QPSK_1@49     | 20.01                 | 13.35     | 0.022   | 3         | Pass    |
| 10MHz_Low_QPSK_25@0     | 18.62                 | 11.96     | 0.016   | 3         | Pass    |
| 10MHz_Low_QPSK_25@12    | 18.76                 | 12.10     | 0.016   | 3         | Pass    |
| 10MHz_Low_QPSK_25@25    | 18.83                 | 12.17     | 0.016   | 3         | Pass    |

| Mode                     | Conducted Power (dBm) | ERP (dBm)    | ERP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|--------------|---------|-----------|---------|
| 10MHz_Low_QPSK_50@0      | 18.63                 | 11.97        | 0.016   | 3         | Pass    |
| 10MHz_Low_16QAM_1@0      | 19.43                 | 12.77        | 0.019   | 3         | Pass    |
| 10MHz_Low_16QAM_1@25     | 19.79                 | 13.13        | 0.021   | 3         | Pass    |
| 10MHz_Low_16QAM_1@49     | 20.29                 | 13.63        | 0.023   | 3         | Pass    |
| 10MHz_Low_16QAM_25@12    | 18.74                 | 12.08        | 0.016   | 3         | Pass    |
| 10MHz_Low_16QAM_25@25    | 18.12                 | 11.46        | 0.014   | 3         | Pass    |
| 10MHz_Low_16QAM_50@0     | 18.42                 | 11.76        | 0.015   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 20.34                 | 13.68        | 0.023   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 20.20                 | 13.54        | 0.023   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 20.36                 | <b>13.70</b> | 0.023   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 19.11                 | 12.45        | 0.018   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 19.12                 | 12.46        | 0.018   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 18.99                 | 12.33        | 0.017   | 3         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 19.05                 | 12.39        | 0.017   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 19.79                 | 13.13        | 0.021   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 19.49                 | 12.83        | 0.019   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 19.56                 | 12.90        | 0.019   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 18.10                 | 11.44        | 0.014   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 18.01                 | 11.35        | 0.014   | 3         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 17.94                 | 11.28        | 0.013   | 3         | Pass    |
| 10MHz_High_QPSK_1@0      | 20.14                 | 13.48        | 0.022   | 3         | Pass    |
| 10MHz_High_QPSK_1@25     | 20.35                 | 13.69        | 0.023   | 3         | Pass    |
| 10MHz_High_QPSK_1@49     | 20.30                 | 13.64        | 0.023   | 3         | Pass    |
| 10MHz_High_QPSK_25@0     | 18.86                 | 12.20        | 0.017   | 3         | Pass    |
| 10MHz_High_QPSK_25@12    | 18.87                 | 12.21        | 0.017   | 3         | Pass    |
| 10MHz_High_QPSK_25@25    | 19                    | 12.34        | 0.017   | 3         | Pass    |
| 10MHz_High_QPSK_50@0     | 18.92                 | 12.26        | 0.017   | 3         | Pass    |
| 10MHz_High_16QAM_1@0     | 20.01                 | 13.35        | 0.022   | 3         | Pass    |
| 10MHz_High_16QAM_1@25    | 19.95                 | 13.29        | 0.021   | 3         | Pass    |
| 10MHz_High_16QAM_1@49    | 21.86                 | <b>15.20</b> | 0.033   | 3         | Pass    |
| 10MHz_High_16QAM_25@12   | 19.79                 | 13.13        | 0.021   | 3         | Pass    |
| 10MHz_High_16QAM_25@25   | 19.88                 | 13.22        | 0.021   | 3         | Pass    |
| 10MHz_High_16QAM_50@0    | 19.75                 | 13.09        | 0.020   | 3         | Pass    |

**Note:**

**ERP = Conducted Power(dBm) - L<sub>c</sub>(dB) + G<sub>T</sub>(dBd)**

**G<sub>T</sub>(dBd) = G<sub>T</sub>(dBi) - 2.15**

**B12:**

**1.Ant Gain = -4.01dBi;**

**2.C<sub>L</sub> = signal attenuation in the connecting cable between the transmitter and antenna in 0.5dB**

## B13, Normal

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Low_QPSK_1@0       | 22.84                 | 16.18     | 0.041   | 3         | Pass    |
| 5MHz_Low_QPSK_1@12      | 22.92                 | 16.26     | 0.042   | 3         | Pass    |
| 5MHz_Low_QPSK_1@24      | 22.91                 | 16.25     | 0.042   | 3         | Pass    |
| 5MHz_Low_QPSK_12@0      | 22.50                 | 15.84     | 0.038   | 3         | Pass    |
| 5MHz_Low_QPSK_12@13     | 22.60                 | 15.94     | 0.039   | 3         | Pass    |
| 5MHz_Low_QPSK_12@7      | 22.65                 | 15.99     | 0.040   | 3         | Pass    |
| 5MHz_Low_QPSK_25@0      | 22.57                 | 15.91     | 0.039   | 3         | Pass    |
| 5MHz_Low_16QAM_1@0      | 23.08                 | 16.42     | 0.044   | 3         | Pass    |
| 5MHz_Low_16QAM_1@12     | 23.06                 | 16.40     | 0.044   | 3         | Pass    |
| 5MHz_Low_16QAM_1@24     | 23.01                 | 16.35     | 0.043   | 3         | Pass    |
| 5MHz_Low_16QAM_12@0     | 22.61                 | 15.95     | 0.039   | 3         | Pass    |
| 5MHz_Low_16QAM_12@13    | 22.50                 | 15.84     | 0.038   | 3         | Pass    |
| 5MHz_Low_16QAM_12@7     | 23.12                 | 16.46     | 0.044   | 3         | Pass    |
| 5MHz_Low_16QAM_25@0     | 22.96                 | 16.30     | 0.043   | 3         | Pass    |
| 5MHz_High_QPSK_1@0      | 23.02                 | 16.36     | 0.043   | 3         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.95                 | 16.29     | 0.043   | 3         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.92                 | 16.26     | 0.042   | 3         | Pass    |
| 5MHz_High_QPSK_12@0     | 22.99                 | 16.33     | 0.043   | 3         | Pass    |
| 5MHz_High_QPSK_12@13    | 22.96                 | 16.30     | 0.043   | 3         | Pass    |
| 5MHz_High_QPSK_12@7     | 22.93                 | 16.27     | 0.042   | 3         | Pass    |
| 5MHz_High_QPSK_25@0     | 22.91                 | 16.25     | 0.042   | 3         | Pass    |
| 5MHz_High_16QAM_1@0     | 23                    | 16.34     | 0.043   | 3         | Pass    |
| 5MHz_High_16QAM_1@12    | 22.99                 | 16.33     | 0.043   | 3         | Pass    |
| 5MHz_High_16QAM_1@24    | 22.97                 | 16.31     | 0.043   | 3         | Pass    |
| 5MHz_High_16QAM_12@0    | 22.96                 | 16.30     | 0.043   | 3         | Pass    |
| 5MHz_High_16QAM_12@13   | 22.95                 | 16.29     | 0.043   | 3         | Pass    |
| 5MHz_High_16QAM_12@7    | 22.94                 | 16.28     | 0.042   | 3         | Pass    |
| 5MHz_High_16QAM_25@0    | 22.94                 | 16.28     | 0.042   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@0   | 23.01                 | 16.35     | 0.043   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@25  | 22.98                 | 16.32     | 0.043   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@49  | 23.02                 | 16.36     | 0.043   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@0  | 23                    | 16.34     | 0.043   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@12 | 22.98                 | 16.32     | 0.043   | 3         | Pass    |

| Mode                     | Conducted Power (dBm) | ERP (dBm)    | ERP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|--------------|---------|-----------|---------|
| 10MHz_Middle_QPSK_25@25  | 23.06                 | <b>16.40</b> | 0.044   | 3         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 23.04                 | 16.38        | 0.043   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 23.03                 | <b>16.37</b> | 0.043   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 23.02                 | 16.36        | 0.043   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 23.02                 | 16.36        | 0.043   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 23.02                 | 16.36        | 0.043   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 23.02                 | 16.36        | 0.043   | 3         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 23.02                 | 16.36        | 0.043   | 3         | Pass    |

**Note:**

**ERP = Conducted Power(dBm) - L<sub>c</sub>(dB) + G<sub>T</sub>(dBd)**

**G<sub>T</sub>(dBd) = G<sub>T</sub>(dBi) - 2.15**

**B13:**

**1.Ant Gain = -4.01dBi;**

**2.C<sub>L</sub> = signal attenuation in the connecting cable between the transmitter and antenna in 0.5dB**

**B41, Normal**

| Mode                  | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|-----------------------|------------------------------|--------------|----------|-----------|---------|
| 5MHz_Low_QPSK_1@0     | 20.90                        | 21.45        | 0.140    | 2         | Pass    |
| 5MHz_Low_QPSK_1@12    | 20.91                        | 21.46        | 0.140    | 2         | Pass    |
| 5MHz_Low_QPSK_1@24    | 20.91                        | 21.46        | 0.140    | 2         | Pass    |
| 5MHz_Low_QPSK_12@0    | 20.91                        | 21.46        | 0.140    | 2         | Pass    |
| 5MHz_Low_QPSK_12@13   | 20.91                        | 21.46        | 0.140    | 2         | Pass    |
| 5MHz_Low_QPSK_12@7    | 20.92                        | 21.47        | 0.140    | 2         | Pass    |
| 5MHz_Low_QPSK_25@0    | 20.92                        | 21.47        | 0.140    | 2         | Pass    |
| 5MHz_Low_16QAM_1@0    | 20.92                        | 21.47        | 0.140    | 2         | Pass    |
| 5MHz_Low_16QAM_1@12   | 20.92                        | 21.47        | 0.140    | 2         | Pass    |
| 5MHz_Low_16QAM_1@24   | 20.93                        | 21.48        | 0.141    | 2         | Pass    |
| 5MHz_Low_16QAM_12@0   | 20.93                        | 21.48        | 0.141    | 2         | Pass    |
| 5MHz_Low_16QAM_12@13  | 20.93                        | 21.48        | 0.141    | 2         | Pass    |
| 5MHz_Low_16QAM_12@7   | 20.94                        | <b>21.49</b> | 0.141    | 2         | Pass    |
| 5MHz_Low_16QAM_25@0   | 20.93                        | 21.48        | 0.141    | 2         | Pass    |
| 5MHz_Middle_QPSK_1@0  | 21.09                        | <b>21.64</b> | 0.146    | 2         | Pass    |
| 5MHz_Middle_QPSK_1@12 | 21.06                        | 21.61        | 0.145    | 2         | Pass    |
| 5MHz_Middle_QPSK_1@24 | 21.05                        | 21.60        | 0.145    | 2         | Pass    |

| Mode                    | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|-------------------------|------------------------------|--------------|----------|-----------|---------|
| 5MHz_Middle_QPSK_12@0   | 21.14                        | 21.69        | 0.148    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 21.19                        | <b>21.74</b> | 0.149    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 21.19                        | 21.74        | 0.149    | 2         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 21.20                        | <b>21.75</b> | 0.150    | 2         | Pass    |
| 5MHz_High_QPSK_1@0      | 20.09                        | 20.64        | 0.116    | 2         | Pass    |
| 5MHz_High_QPSK_1@12     | 20.11                        | 20.66        | 0.116    | 2         | Pass    |
| 5MHz_High_QPSK_1@24     | 20.12                        | 20.67        | 0.117    | 2         | Pass    |
| 5MHz_High_QPSK_12@0     | 20.12                        | 20.67        | 0.117    | 2         | Pass    |
| 5MHz_High_QPSK_12@13    | 20.13                        | 20.68        | 0.117    | 2         | Pass    |
| 5MHz_High_QPSK_12@7     | 20.14                        | 20.69        | 0.117    | 2         | Pass    |
| 5MHz_High_QPSK_25@0     | 20.10                        | 20.65        | 0.116    | 2         | Pass    |
| 5MHz_High_16QAM_1@0     | 20.11                        | 20.66        | 0.116    | 2         | Pass    |
| 5MHz_High_16QAM_1@12    | 20.12                        | 20.67        | 0.117    | 2         | Pass    |
| 5MHz_High_16QAM_1@24    | 20.13                        | 20.68        | 0.117    | 2         | Pass    |
| 5MHz_High_16QAM_12@0    | 20.13                        | 20.68        | 0.117    | 2         | Pass    |
| 5MHz_High_16QAM_12@13   | 20.13                        | 20.68        | 0.117    | 2         | Pass    |
| 5MHz_High_16QAM_12@7    | 20.12                        | 20.67        | 0.117    | 2         | Pass    |
| 5MHz_High_16QAM_25@0    | 20.15                        | 20.70        | 0.117    | 2         | Pass    |
| 10MHz_Low_QPSK_1@0      | 20.46                        | 21.01        | 0.126    | 2         | Pass    |
| 10MHz_Low_QPSK_1@25     | 20.59                        | <b>21.14</b> | 0.130    | 2         | Pass    |
| 10MHz_Low_QPSK_1@49     | 20.56                        | 21.11        | 0.129    | 2         | Pass    |
| 10MHz_Low_QPSK_25@0     | 20.56                        | 21.11        | 0.129    | 2         | Pass    |
| 10MHz_Low_QPSK_25@12    | 20.55                        | 21.10        | 0.129    | 2         | Pass    |
| 10MHz_Low_QPSK_25@25    | 20.54                        | 21.09        | 0.129    | 2         | Pass    |
| 10MHz_Low_QPSK_50@0     | 20.53                        | 21.08        | 0.128    | 2         | Pass    |
| 10MHz_Low_16QAM_1@0     | 20.52                        | <b>21.07</b> | 0.128    | 2         | Pass    |
| 10MHz_Low_16QAM_1@25    | 20.52                        | 21.07        | 0.128    | 2         | Pass    |

| Mode                     | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------------------------|--------------|----------|-----------|---------|
| 10MHz_Low_16QAM_1@49     | 20.52                        | 21.07        | 0.128    | 2         | Pass    |
| 10MHz_Low_16QAM_25@12    | 20.52                        | 21.07        | 0.128    | 2         | Pass    |
| 10MHz_Low_16QAM_25@25    | 20.52                        | 21.07        | 0.128    | 2         | Pass    |
| 10MHz_Low_16QAM_50@0     | 20.52                        | 21.07        | 0.128    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 20.83                        | <b>21.38</b> | 0.137    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 20.80                        | 21.35        | 0.136    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 20.79                        | 21.34        | 0.136    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 20.78                        | 21.33        | 0.136    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 20.77                        | 21.32        | 0.136    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 20.77                        | 21.32        | 0.136    | 2         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 20.78                        | 21.33        | 0.136    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 20.77                        | <b>21.32</b> | 0.136    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 20.77                        | 21.32        | 0.136    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 20.76                        | 21.31        | 0.135    | 2         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 20.76                        | 21.31        | 0.135    | 2         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 20.76                        | 21.31        | 0.135    | 2         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 20.77                        | 21.32        | 0.136    | 2         | Pass    |
| 10MHz_High_QPSK_1@0      | 19.86                        | 20.41        | 0.110    | 2         | Pass    |
| 10MHz_High_QPSK_1@25     | 19.87                        | 20.42        | 0.110    | 2         | Pass    |
| 10MHz_High_QPSK_1@49     | 19.87                        | 20.42        | 0.110    | 2         | Pass    |
| 10MHz_High_QPSK_25@0     | 19.87                        | 20.42        | 0.110    | 2         | Pass    |
| 10MHz_High_QPSK_25@12    | 19.87                        | 20.42        | 0.110    | 2         | Pass    |
| 10MHz_High_QPSK_25@25    | 19.88                        | 20.43        | 0.110    | 2         | Pass    |
| 10MHz_High_QPSK_50@0     | 19.88                        | 20.43        | 0.110    | 2         | Pass    |
| 10MHz_High_16QAM_1@0     | 19.88                        | 20.43        | 0.110    | 2         | Pass    |
| 10MHz_High_16QAM_1@25    | 19.89                        | 20.44        | 0.111    | 2         | Pass    |
| 10MHz_High_16QAM_1@49    | 19.88                        | 20.43        | 0.110    | 2         | Pass    |
| 10MHz_High_16QAM_25@12   | 19.88                        | 20.43        | 0.110    | 2         | Pass    |
| 10MHz_High_16QAM_25@25   | 19.88                        | 20.43        | 0.110    | 2         | Pass    |
| 10MHz_High_16QAM_50@0    | 19.88                        | 20.43        | 0.110    | 2         | Pass    |
| 15MHz_Low_QPSK_1@0       | 20.56                        | 21.11        | 0.129    | 2         | Pass    |
| 15MHz_Low_QPSK_1@37      | 20.63                        | <b>21.18</b> | 0.131    | 2         | Pass    |
| 15MHz_Low_QPSK_1@74      | 20.62                        | 21.17        | 0.131    | 2         | Pass    |
| 15MHz_Low_QPSK_36@0      | 20.62                        | 21.17        | 0.131    | 2         | Pass    |

| Mode                     | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------------------------|--------------|----------|-----------|---------|
| 15MHz_Low_QPSK_36@20     | 20.61                        | 21.16        | 0.131    | 2         | Pass    |
| 15MHz_Low_QPSK_36@39     | 20.61                        | 21.16        | 0.131    | 2         | Pass    |
| 15MHz_Low_QPSK_75@0      | 20.61                        | 21.16        | 0.131    | 2         | Pass    |
| 15MHz_Low_16QAM_1@0      | 20.60                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Low_16QAM_1@37     | 20.60                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Low_16QAM_1@74     | 20.60                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Low_16QAM_36@0     | 20.60                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Low_16QAM_36@20    | 20.60                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Low_16QAM_36@39    | 20.60                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Low_16QAM_75@0     | 20.60                        | 21.15        | 0.130    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@0    | 20.82                        | <b>21.37</b> | 0.137    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@37   | 20.78                        | 21.33        | 0.136    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@74   | 20.77                        | 21.32        | 0.136    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@0   | 20.77                        | 21.32        | 0.136    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@20  | 20.76                        | 21.31        | 0.135    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@39  | 20.76                        | 21.31        | 0.135    | 2         | Pass    |
| 15MHz_Middle_QPSK_75@0   | 20.76                        | 21.31        | 0.135    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@0   | 20.75                        | <b>21.30</b> | 0.135    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@37  | 20.75                        | 21.30        | 0.135    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@74  | 20.75                        | 21.30        | 0.135    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@0  | 20.75                        | 21.30        | 0.135    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@20 | 20.75                        | 21.30        | 0.135    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@39 | 20.75                        | 21.30        | 0.135    | 2         | Pass    |
| 15MHz_Middle_16QAM_75@0  | 20.75                        | 21.30        | 0.135    | 2         | Pass    |
| 15MHz_High_QPSK_1@0      | 19.82                        | 20.37        | 0.109    | 2         | Pass    |
| 15MHz_High_QPSK_1@37     | 19.82                        | 20.37        | 0.109    | 2         | Pass    |
| 15MHz_High_QPSK_1@74     | 19.83                        | 20.38        | 0.109    | 2         | Pass    |
| 15MHz_High_QPSK_36@0     | 19.83                        | 20.38        | 0.109    | 2         | Pass    |
| 15MHz_High_QPSK_36@20    | 19.83                        | 20.38        | 0.109    | 2         | Pass    |
| 15MHz_High_QPSK_36@39    | 19.84                        | 20.39        | 0.109    | 2         | Pass    |
| 15MHz_High_QPSK_75@0     | 19.84                        | 20.39        | 0.109    | 2         | Pass    |
| 15MHz_High_16QAM_1@0     | 19.84                        | 20.39        | 0.109    | 2         | Pass    |
| 15MHz_High_16QAM_1@37    | 19.84                        | 20.39        | 0.109    | 2         | Pass    |
| 15MHz_High_16QAM_1@74    | 19.85                        | 20.40        | 0.110    | 2         | Pass    |

| Mode                     | Average Conducted Power(dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------------------------|------------|----------|-----------|---------|
| 15MHz_High_16QAM_36@0    | 19.85                        | 20.40      | 0.110    | 2         | Pass    |
| 15MHz_High_16QAM_36@20   | 19.85                        | 20.40      | 0.110    | 2         | Pass    |
| 15MHz_High_16QAM_36@39   | 19.85                        | 20.40      | 0.110    | 2         | Pass    |
| 15MHz_High_16QAM_75@0    | 19.85                        | 20.40      | 0.110    | 2         | Pass    |
| 20MHz_Low_QPSK_1@0       | 20.66                        | 21.21      | 0.132    | 2         | Pass    |
| 20MHz_Low_QPSK_1@49      | 20.61                        | 21.16      | 0.131    | 2         | Pass    |
| 20MHz_Low_QPSK_1@99      | 20.59                        | 21.14      | 0.130    | 2         | Pass    |
| 20MHz_Low_QPSK_100@0     | 20.57                        | 21.12      | 0.129    | 2         | Pass    |
| 20MHz_Low_QPSK_50@0      | 20.57                        | 21.12      | 0.129    | 2         | Pass    |
| 20MHz_Low_QPSK_50@24     | 20.56                        | 21.11      | 0.129    | 2         | Pass    |
| 20MHz_Low_QPSK_50@50     | 20.56                        | 21.11      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_1@0      | 20.55                        | 21.10      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_1@49     | 20.55                        | 21.10      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_1@99     | 20.55                        | 21.10      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_100@0    | 20.54                        | 21.09      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_50@0     | 20.54                        | 21.09      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_50@24    | 20.54                        | 21.09      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_50@50    | 20.54                        | 21.09      | 0.129    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@0    | 20.74                        | 21.29      | 0.135    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@49   | 20.82                        | 21.37      | 0.137    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@99   | 20.87                        | 21.42      | 0.139    | 2         | Pass    |
| 20MHz_Middle_QPSK_100@0  | 20.80                        | 21.35      | 0.136    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@0   | 20.82                        | 21.37      | 0.137    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@24  | 20.85                        | 21.40      | 0.138    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@50  | 20.84                        | 21.39      | 0.138    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@0   | 20.84                        | 21.39      | 0.138    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@49  | 20.86                        | 21.41      | 0.138    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@99  | 20.86                        | 21.41      | 0.138    | 2         | Pass    |
| 20MHz_Middle_16QAM_100@0 | 20.74                        | 21.29      | 0.135    | 2         | Pass    |
| 20MHz_Middle_16QAM_50@0  | 20.85                        | 21.40      | 0.138    | 2         | Pass    |
| 20MHz_Middle_16QAM_50@24 | 20.80                        | 21.35      | 0.136    | 2         | Pass    |
| 20MHz_Middle_16QAM_50@50 | 20.90                        | 21.45      | 0.140    | 2         | Pass    |
| 20MHz_High_QPSK_1@0      | 19.96                        | 20.51      | 0.112    | 2         | Pass    |
| 20MHz_High_QPSK_1@49     | 19.97                        | 20.52      | 0.113    | 2         | Pass    |

| Mode                   | Average Conducted Power(dBm) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|------------------------|------------------------------|--------------|----------|-----------|---------|
| 20MHz_High_QPSK_1@99   | 19.98                        | <b>20.53</b> | 0.113    | 2         | Pass    |
| 20MHz_High_QPSK_100@0  | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_QPSK_50@0   | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_QPSK_50@24  | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_QPSK_50@50  | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_16QAM_1@0   | 19.99                        | <b>20.54</b> | 0.113    | 2         | Pass    |
| 20MHz_High_16QAM_1@49  | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_16QAM_1@99  | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_16QAM_100@0 | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_16QAM_50@0  | 19.98                        | 20.53        | 0.113    | 2         | Pass    |
| 20MHz_High_16QAM_50@24 | 19.97                        | 20.52        | 0.113    | 2         | Pass    |
| 20MHz_High_16QAM_50@50 | 19.97                        | 20.52        | 0.113    | 2         | Pass    |

**Note:**

**EIRP = Average Conducted Power(dBm) - L<sub>C</sub>(dB) + G<sub>T</sub>(dBi)**

**B41:**

**1.Ant Gain = 0.55dBi;**

**2.C<sub>L</sub> = signal attenuation in the connecting cable between the transmitter and antenna in 0dB**

Peak-to-average Ratio(PAR)

FCC Part 22H

B5, Normal

| Mode                    | Result<br>(dB) | Limit<br>(dB) |
|-------------------------|----------------|---------------|
| 10MHz_Low_QPSK_1@0      | 4.49           | 13            |
| 10MHz_Low_QPSK_50@0     | 5.51           | 13            |
| 10MHz_Low_16QAM_1@0     | 6              | 13            |
| 10MHz_Low_16QAM_50@0    | 6.38           | 13            |
| 10MHz_Middle_QPSK_1@0   | 5.39           | 13            |
| 10MHz_Middle_QPSK_50@0  | 5.54           | 13            |
| 10MHz_Middle_16QAM_1@0  | 5.62           | 13            |
| 10MHz_Middle_16QAM_50@0 | <b>6.46</b>    | 13            |
| 10MHz_High_QPSK_1@0     | 5.74           | 13            |
| 10MHz_High_QPSK_50@0    | 5.42           | 13            |
| 10MHz_High_16QAM_1@0    | 5.94           | 13            |
| 10MHz_High_16QAM_50@0   | 6.35           | 13            |

**Note: worst case.**