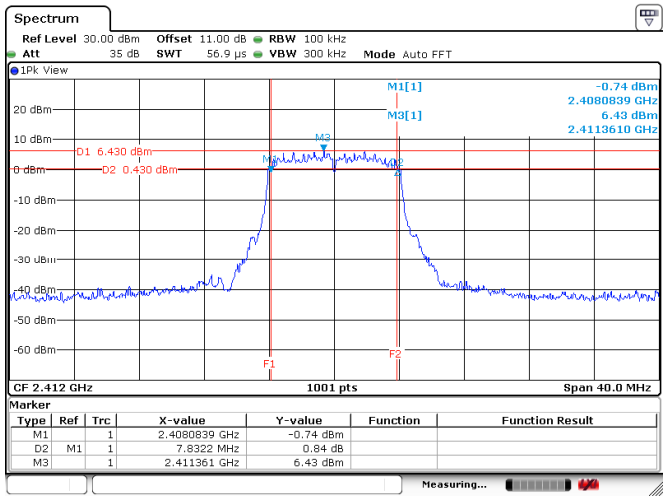
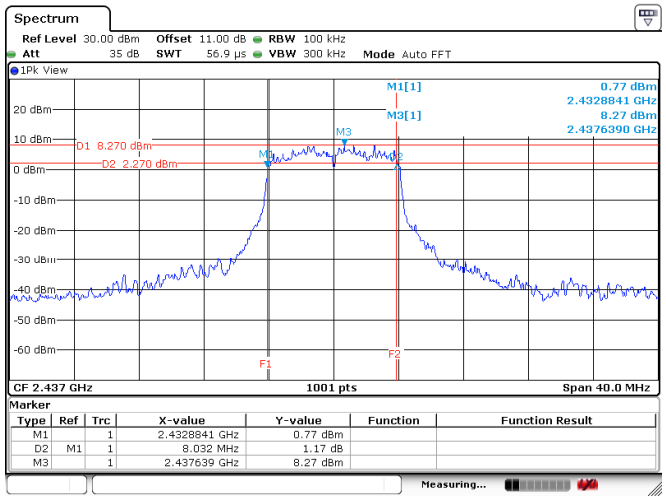
# Appendix A: Test Results of Conducted Test

## Test Result of 6 dB Bandwidth

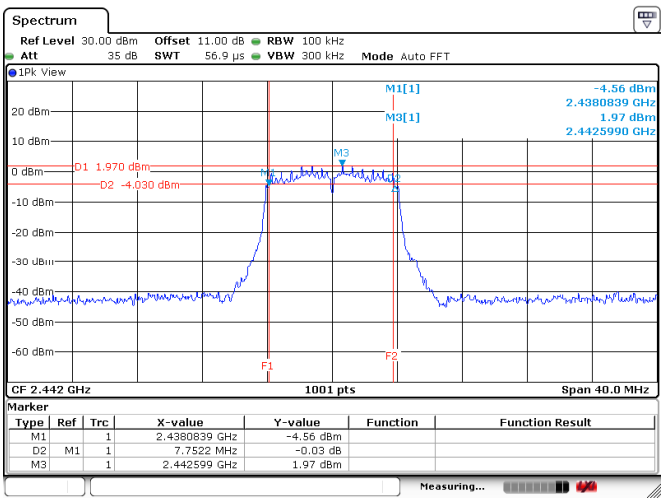
**g_10MHz: 2TX**

| Channel | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | | Limit (MHz) | Result |
|---|---|---|---|---|---|
| | | Ant 0 | Ant 1 | | |
| Channel 1 | 2412 | 7.83 | 7.83 | > 0.5 | Pass |
| Channel 6 | 2437 | 8.03 | 7.99 | > 0.5 | Pass |
| Channel 7 | 2442 | 7.75 | 7.99 | > 0.5 | Pass |
| Channel 8 | 2447 | 7.83 | 8.11 | > 0.5 | Pass |
| Channel 9 | 2452 | 7.67 | 8.03 | > 0.5 | Pass |
| Channel 10 | 2457 | 7.71 | 7.91 | > 0.5 | Pass |
| Channel 11 | 2462 | 7.75 | 7.71 | > 0.5 | Pass |
| Channel 12 | 2467 | 7.79 | 8.15 | > 0.5 | Pass |

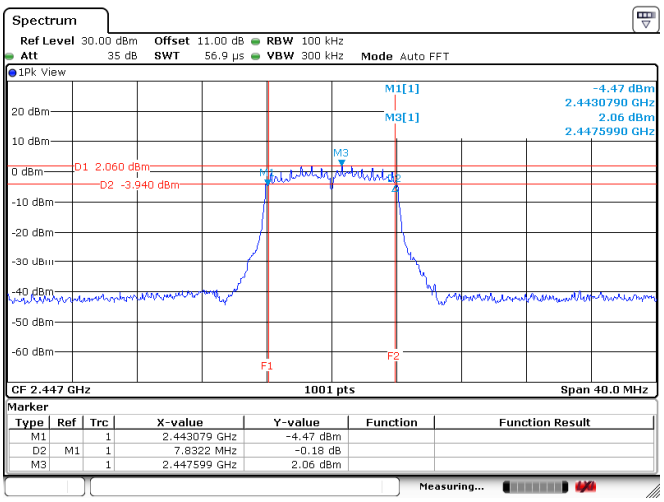
<Ant 0>

| Channel 1 | Channel 6 |
|---|---|
|  |  |

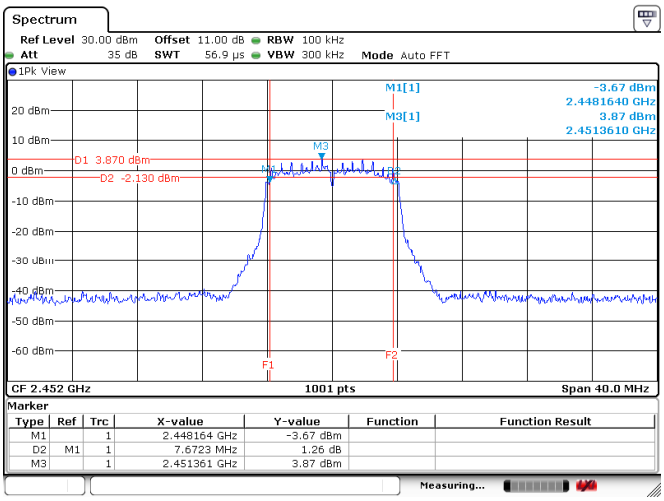
## Channel 7



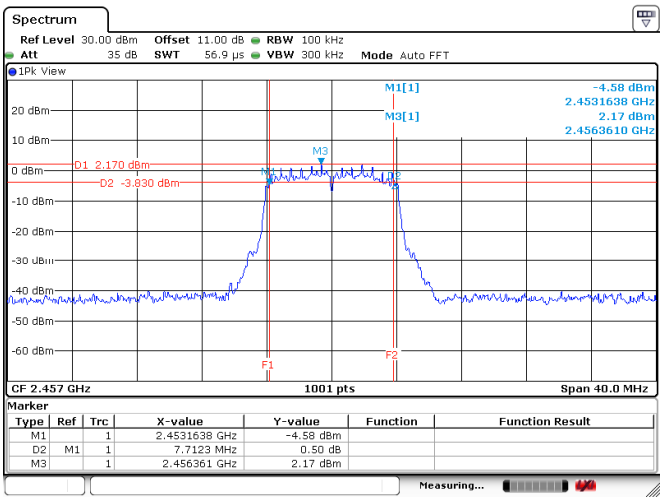

## Channel 8

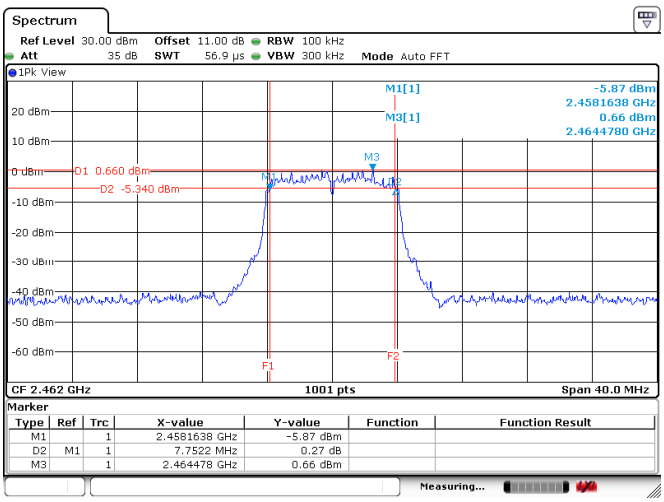
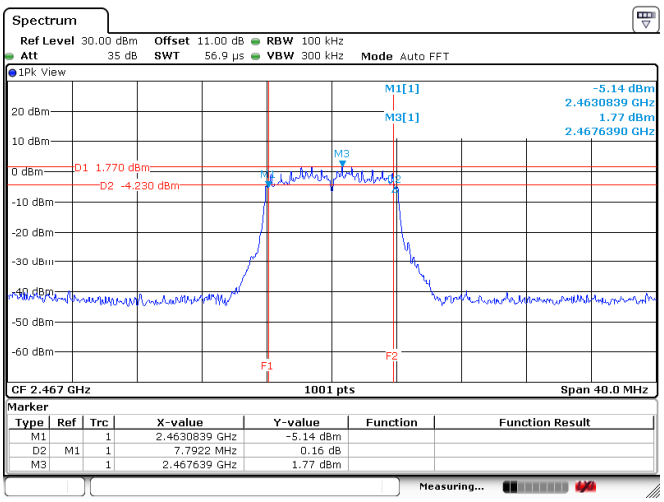



## Channel 9



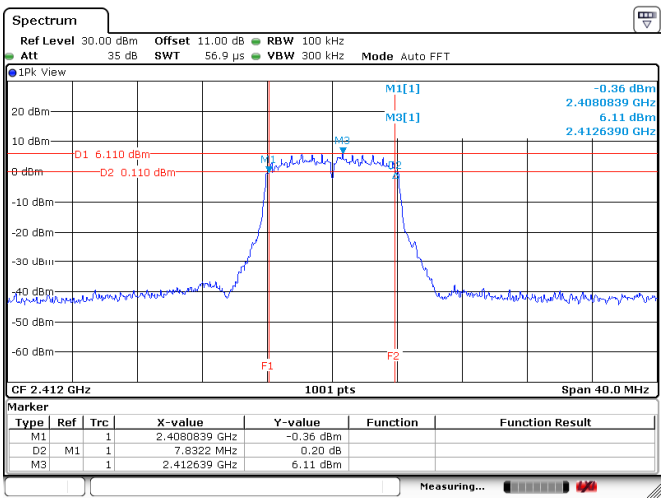

## Channel 10



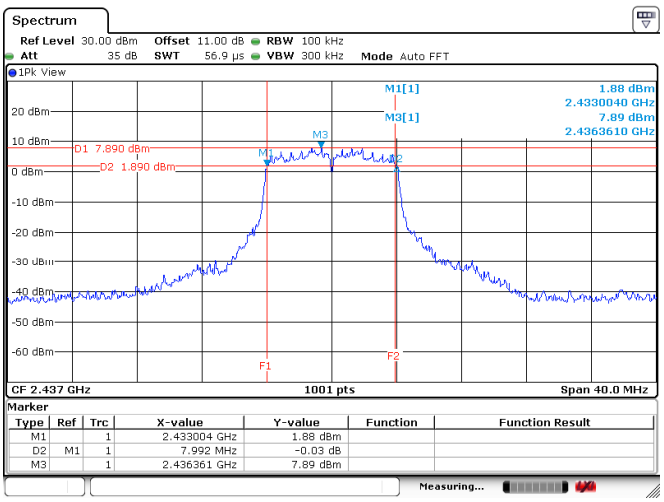
| Channel 11 | Channel 12 |
|---|---|
|  |  |

<Ant 1>

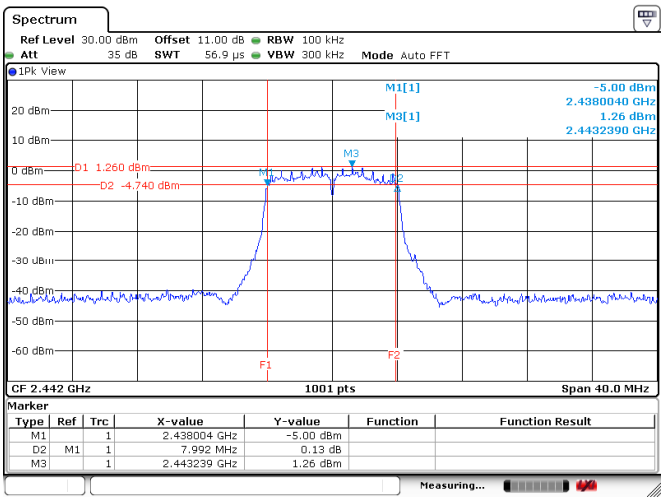
## Channel 1



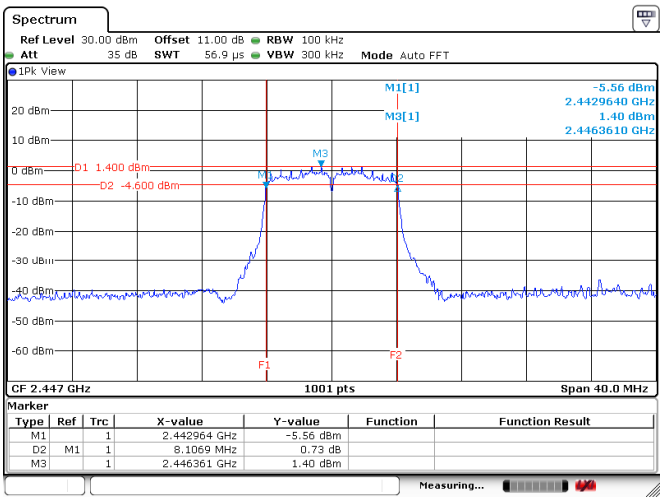

## Channel 6



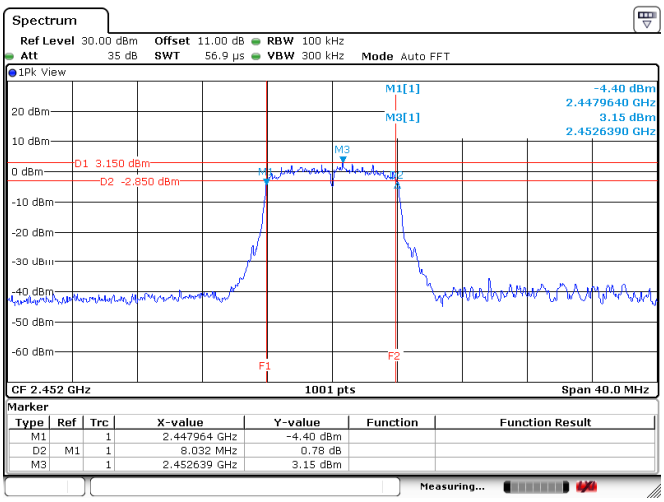

## Channel 7



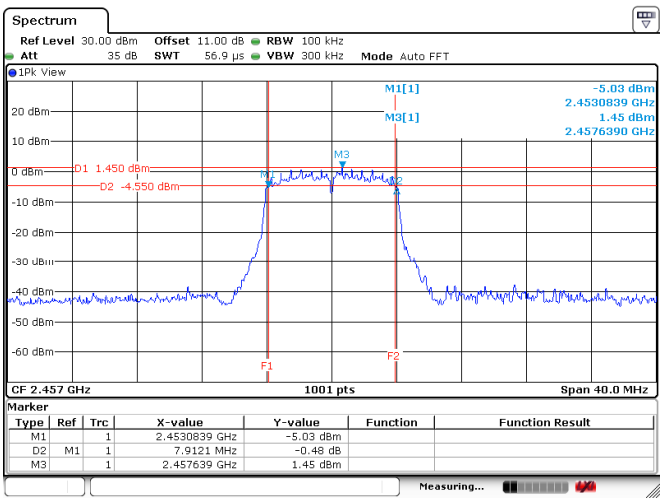

## Channel 8



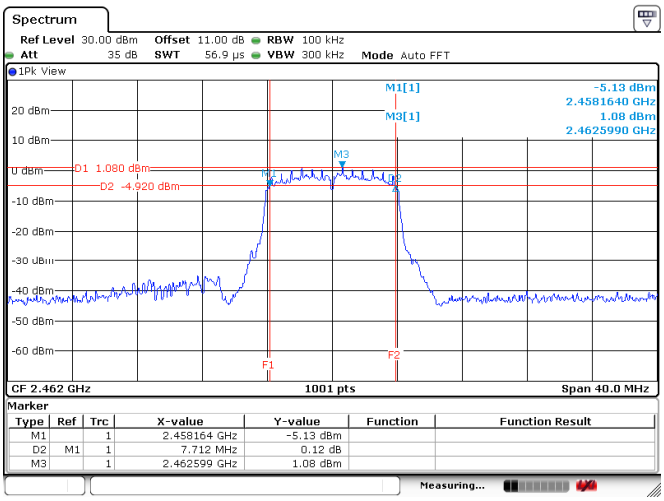
## Channel 9



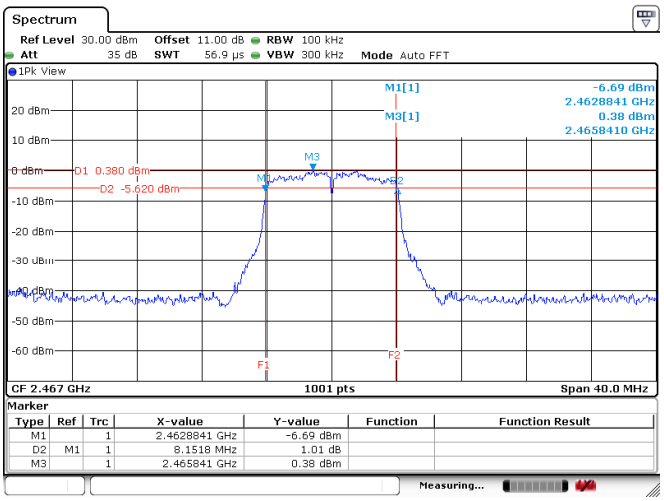

## Channel 10




## Channel 11



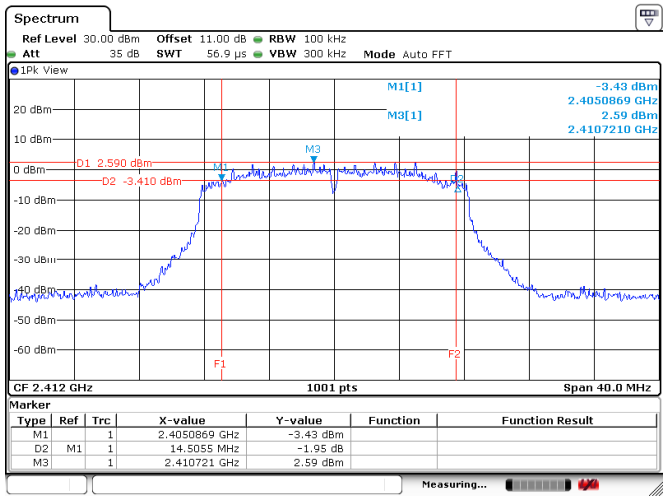
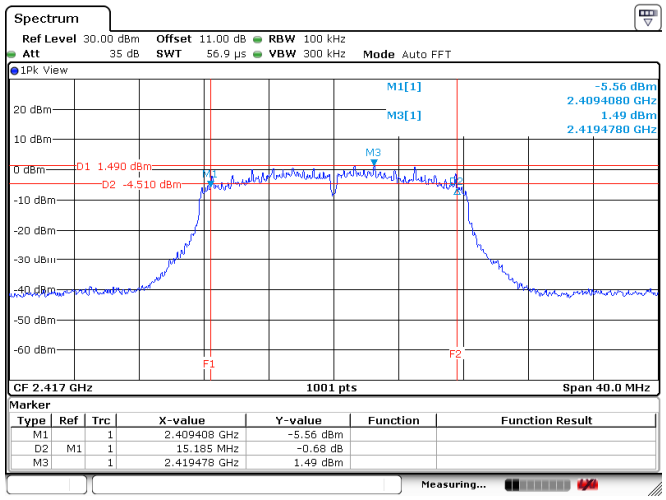

## Channel 12



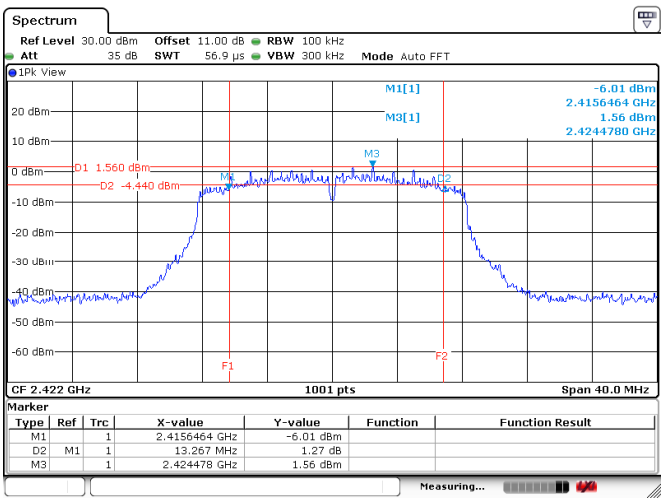
## g_20MHz: 2TX

| Channel | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | | Limit (MHz) | Result |
|---|---|---|---|---|---|
| | | Ant 0 | Ant 1 | | |
| Channel 1 | 2412 | 14.51 | 15.18 | > 0.5 | Pass |
| Channel 2 | 2417 | 15.19 | 15.19 | > 0.5 | Pass |
| Channel 3 | 2422 | 13.27 | 15.19 | > 0.5 | Pass |
| Channel 4 | 2427 | 15.11 | 15.19 | > 0.5 | Pass |
| Channel 5 | 2432 | 15.11 | 15.15 | > 0.5 | Pass |
| Channel 6 | 2437 | 15.46 | 15.14 | > 0.5 | Pass |
| Channel 7 | 2442 | 14.47 | 14.43 | > 0.5 | Pass |
| Channel 8 | 2447 | 15.19 | 15.19 | > 0.5 | Pass |
| Channel 9 | 2452 | 15.15 | 15.19 | > 0.5 | Pass |
| Channel 10 | 2457 | 15.15 | 15.39 | > 0.5 | Pass |
| Channel 11 | 2462 | 14.91 | 15.18 | > 0.5 | Pass |

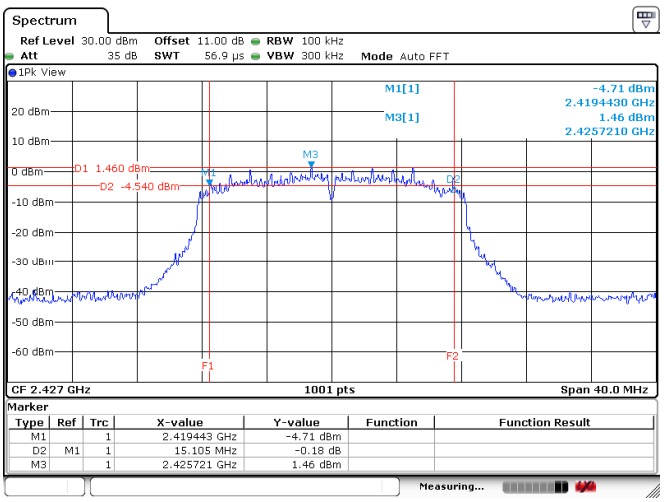
<Ant 0>

| Channel 1 | Channel 2 |
|---|---|
|  |  |

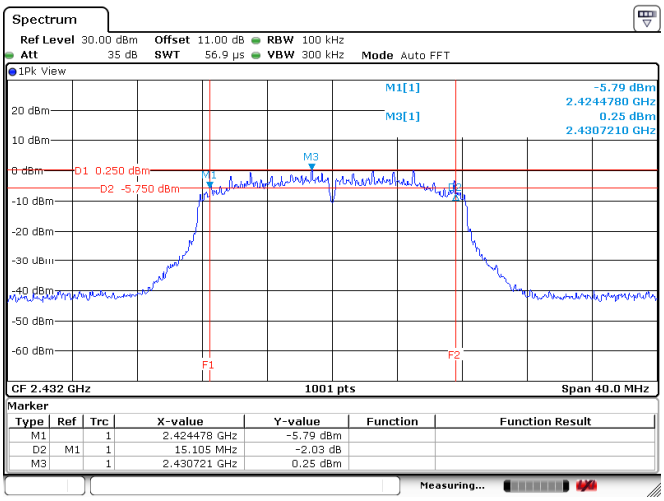
## Channel 3



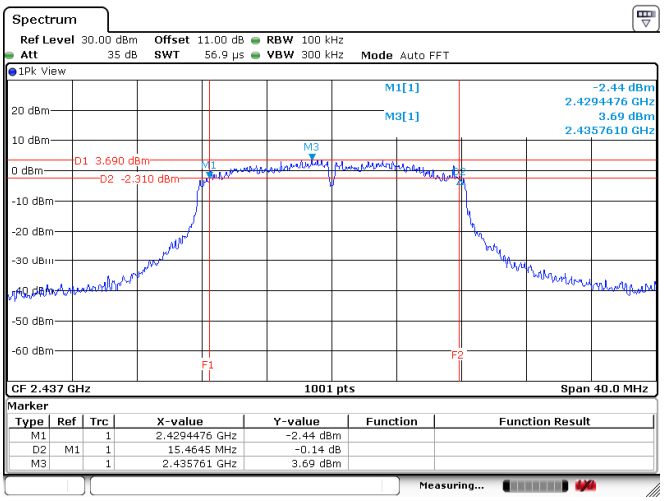

## Channel 4



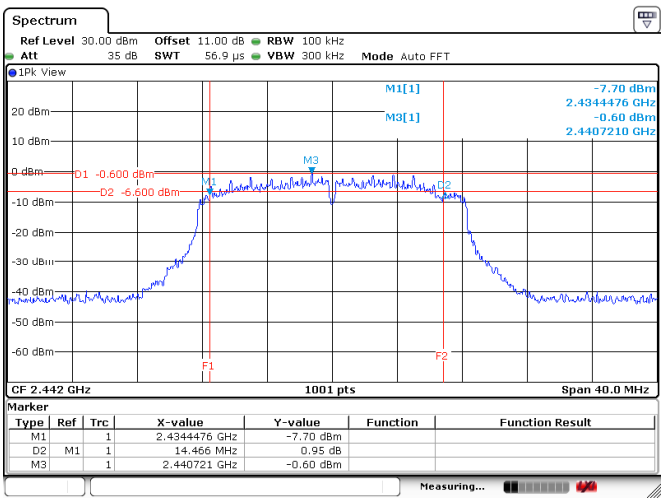

## Channel 5



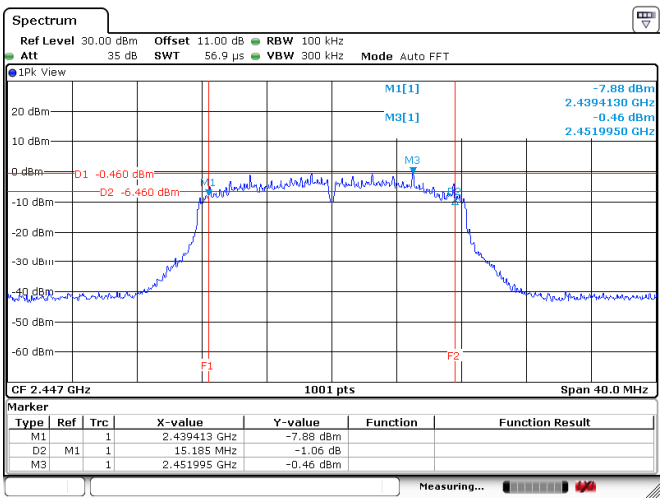

## Channel 6



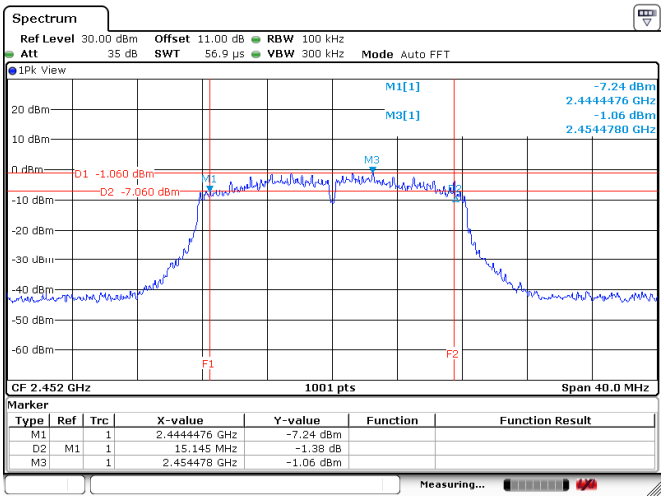
## Channel 7



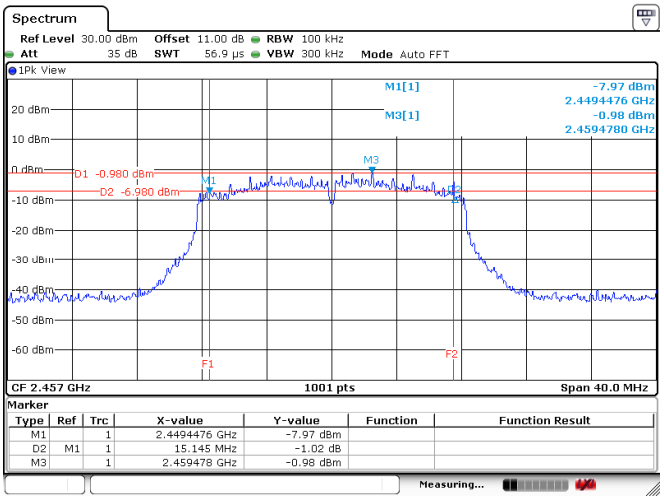

## Channel 8

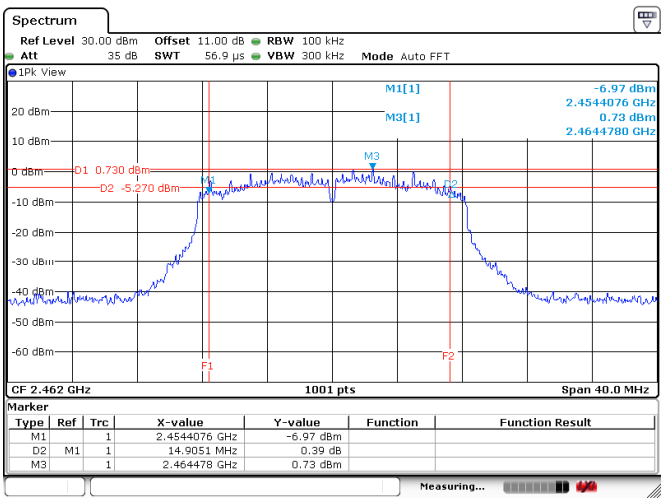



## Channel 9




## Channel 10

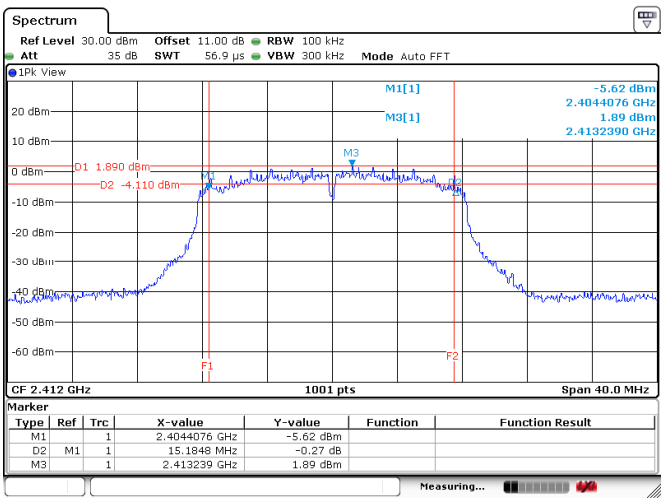


| Channel 11 | |
|---|---|
|  | |

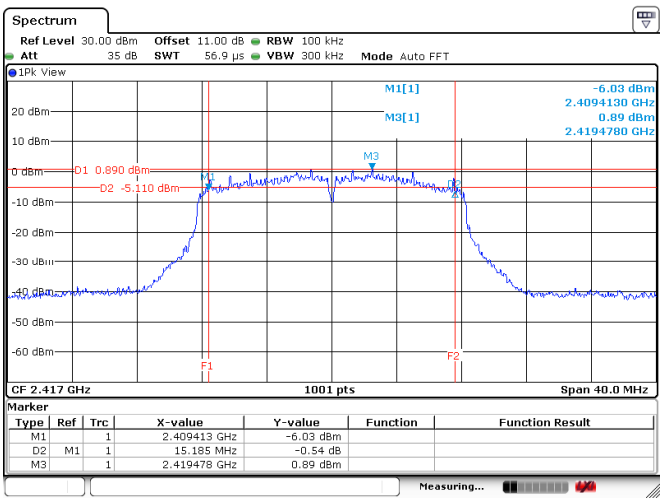
Spectrum
Ref Level 30.00 dBm Offset 11.00 dB RBW 100 kHz
Att 35 dB SWT 56.9 µs VBW 300 kHz Mode Auto FFT
1Pk View
M1[1] -6.97 dBm
2.4544076 GHz
M3[1] 0.73 dBm
2.4644780 GHz
D1 0.730 dBm
D2 -5.270 dBm
CF 2.462 GHz
1001 pts
Span 40.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 2.4544076 GHz -6.97 dBm
D2 M1 1 14.9051 MHz 0.39 dB
M3 1 2.464478 GHz 0.73 dBm
Measuring...

<Ant 1>

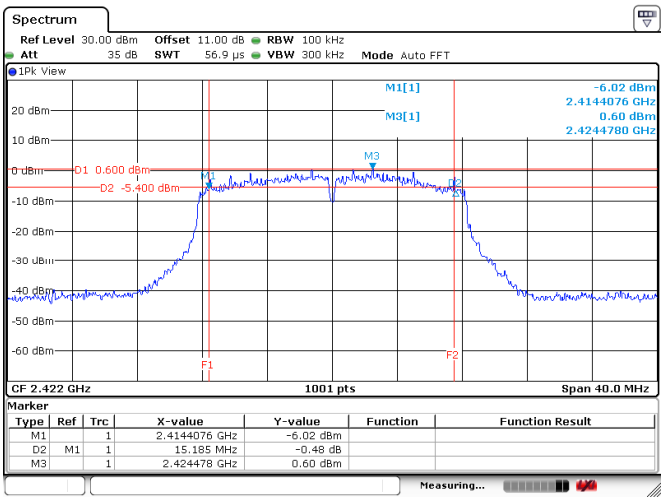
## Channel 1



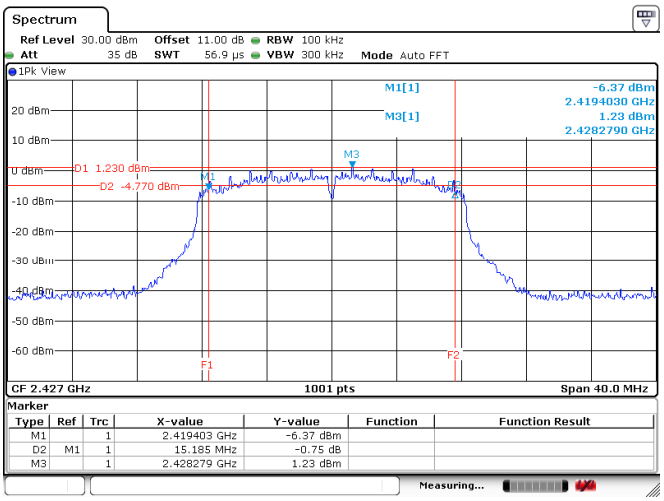

## Channel 2



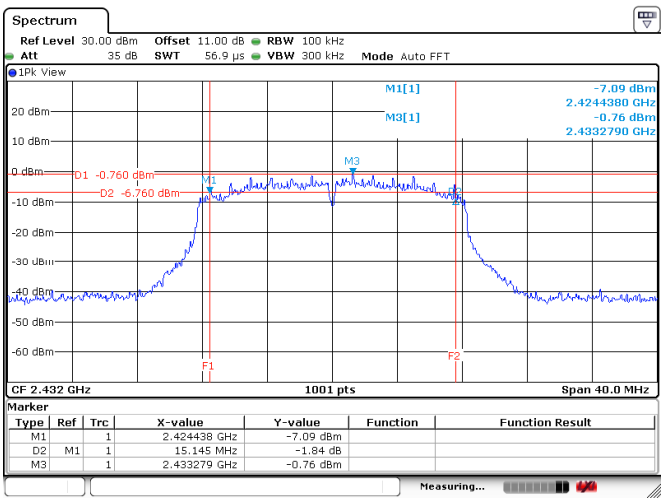

## Channel 3



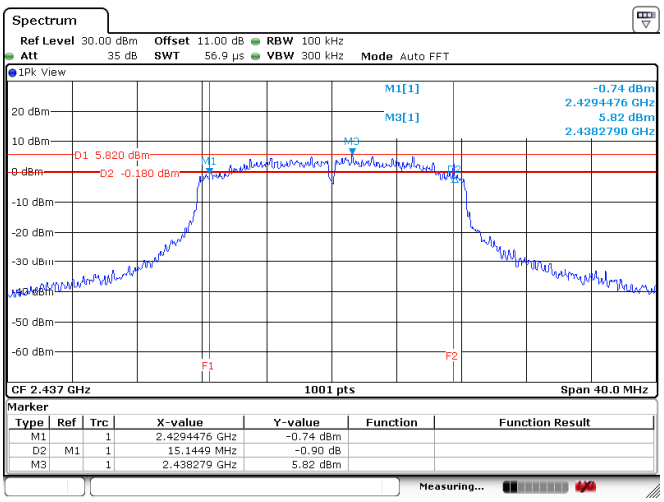

## Channel 4



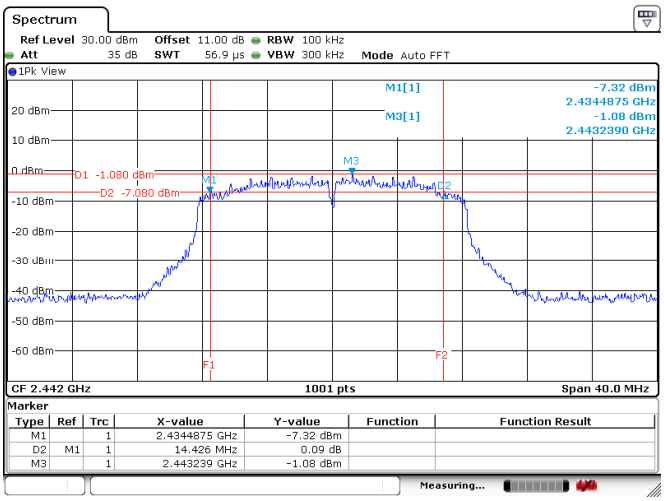
## Channel 5



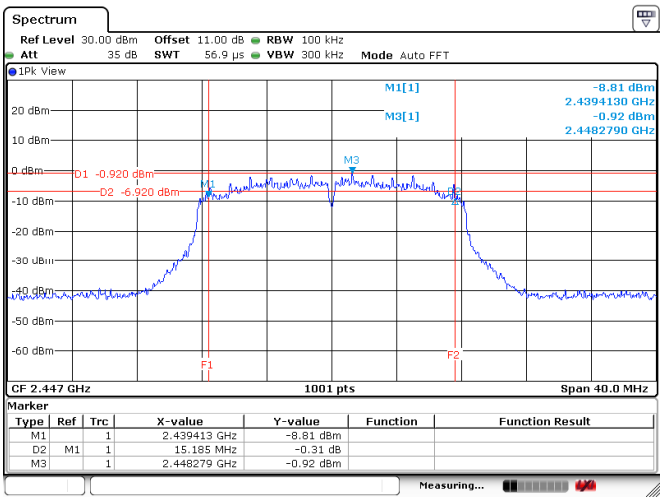

## Channel 6



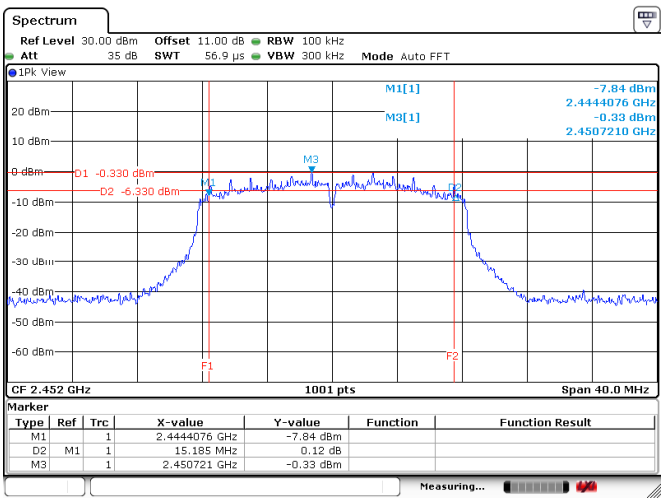

## Channel 7



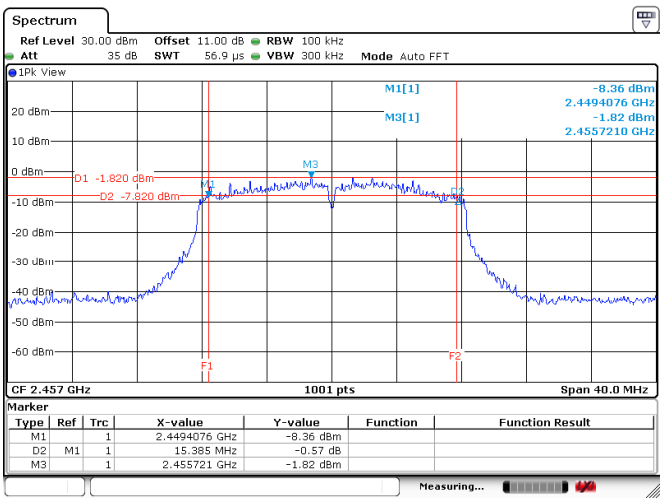

## Channel 8



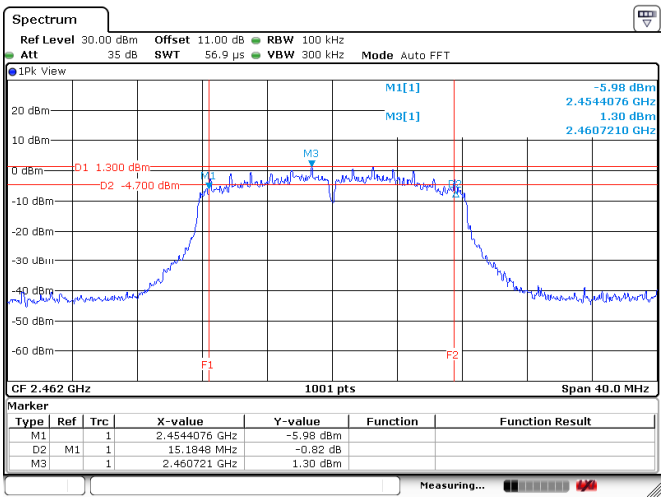
## Channel 9




## Channel 10



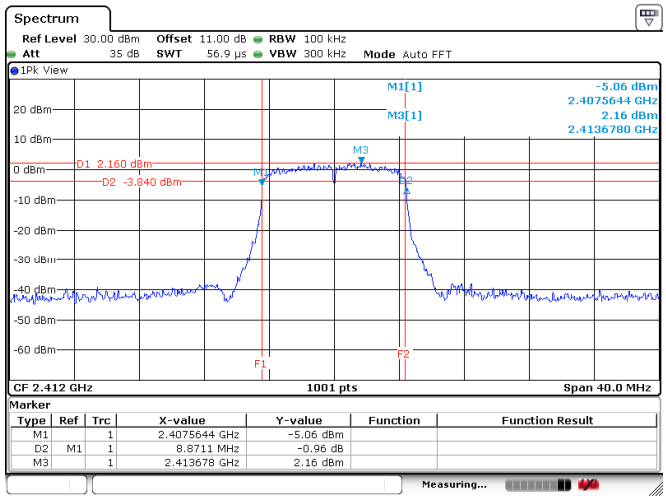
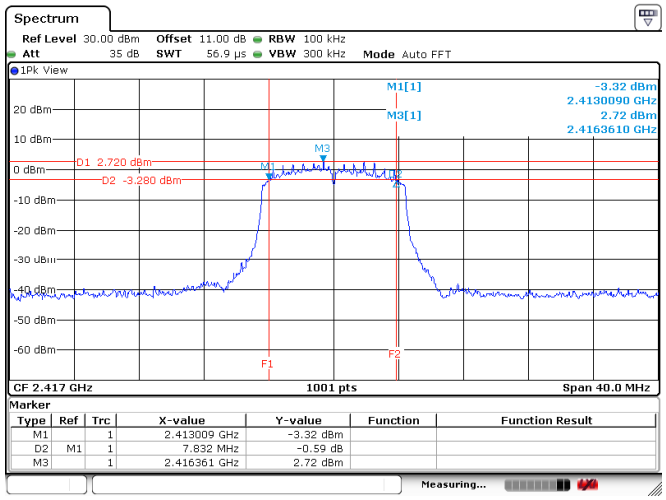

## Channel 11



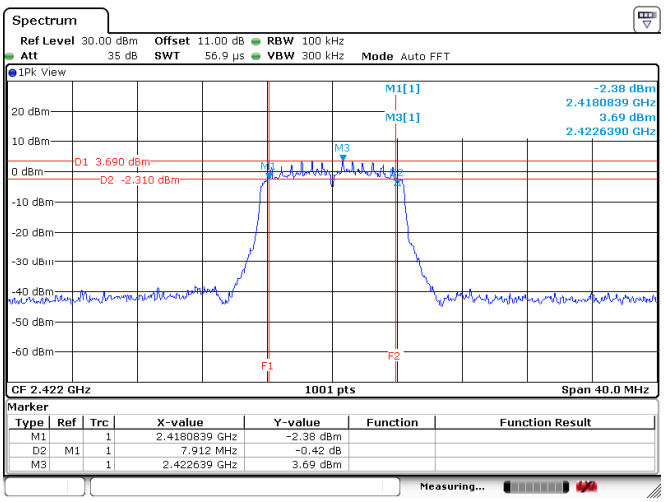
## n_10MHz: 2TX

| Channel | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | | Limit (MHz) | Result |
|---|---|---|---|---|---|
| | | Ant 0 | Ant 1 | | |
| Channel 1 | 2412 | 8.87 | 8.15 | > 0.5 | Pass |
| Channel 2 | 2417 | 7.83 | 7.91 | > 0.5 | Pass |
| Channel 3 | 2422 | 7.91 | 8.63 | > 0.5 | Pass |
| Channel 4 | 2427 | 8.03 | 8.03 | > 0.5 | Pass |
| Channel 5 | 2432 | 7.87 | 8.07 | > 0.5 | Pass |
| Channel 6 | 2437 | 7.83 | 7.95 | > 0.5 | Pass |
| Channel 7 | 2442 | 8.39 | 7.95 | > 0.5 | Pass |
| Channel 8 | 2447 | 8.04 | 8.08 | > 0.5 | Pass |
| Channel 9 | 2452 | 7.83 | 8.03 | > 0.5 | Pass |
| Channel 10 | 2457 | 7.91 | 7.95 | > 0.5 | Pass |
| Channel 11 | 2462 | 7.67 | 7.75 | > 0.5 | Pass |

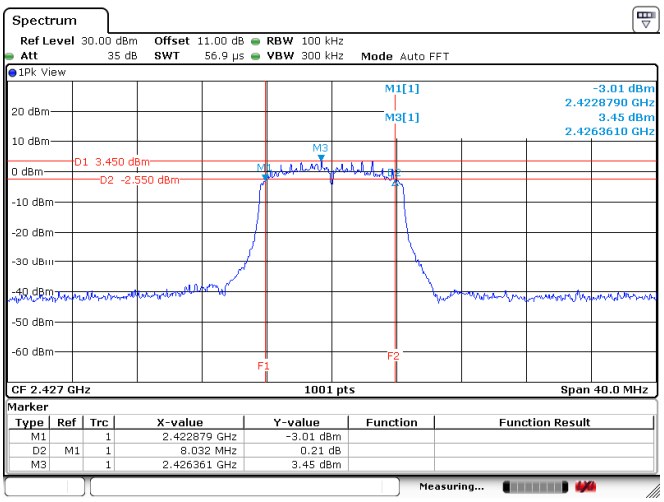
<Ant 0>

| Channel 1 | Channel 2 |
|---|---|
|  |  |

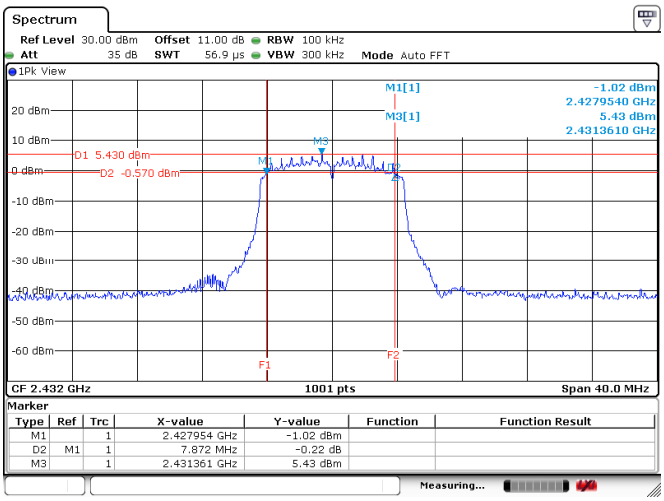
## Channel 3



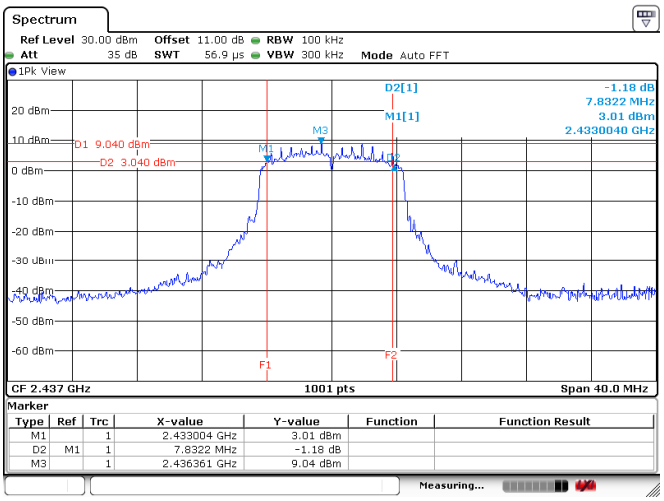

## Channel 4



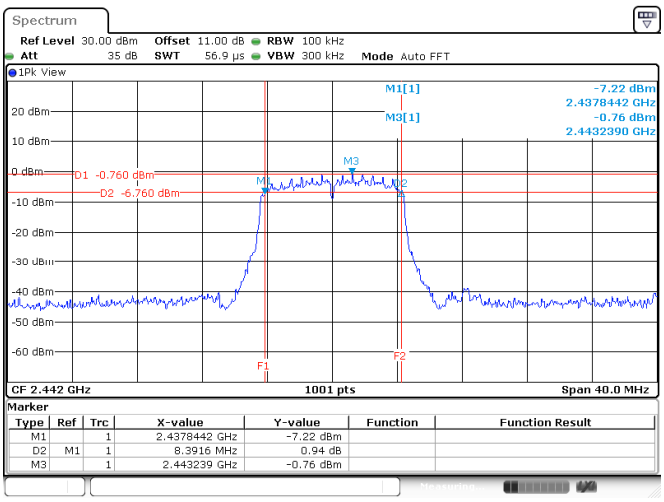

## Channel 5



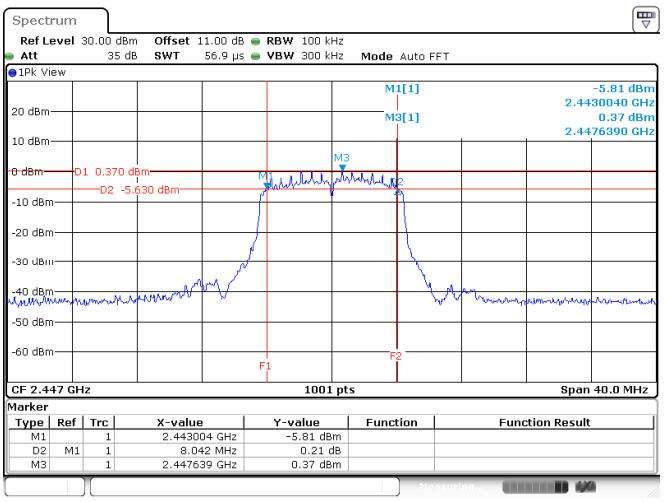

## Channel 6



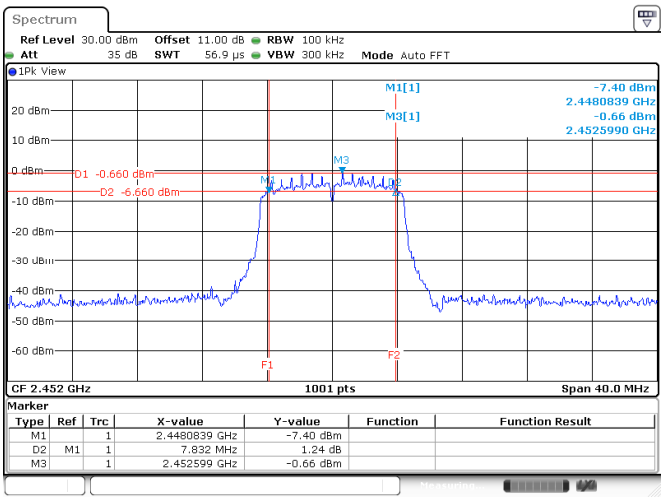
## Channel 7



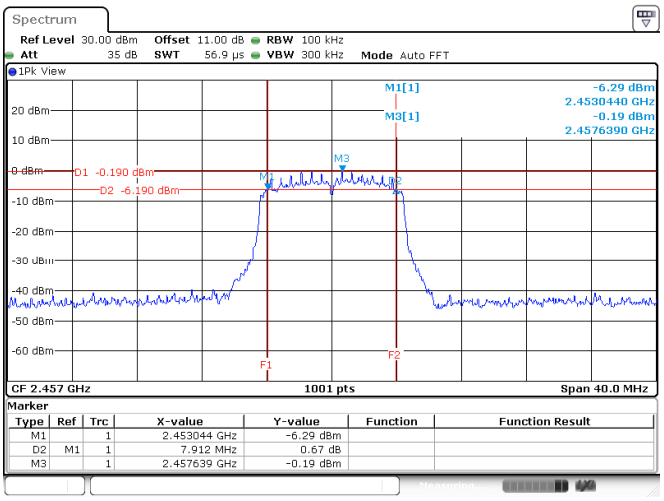

## Channel 8

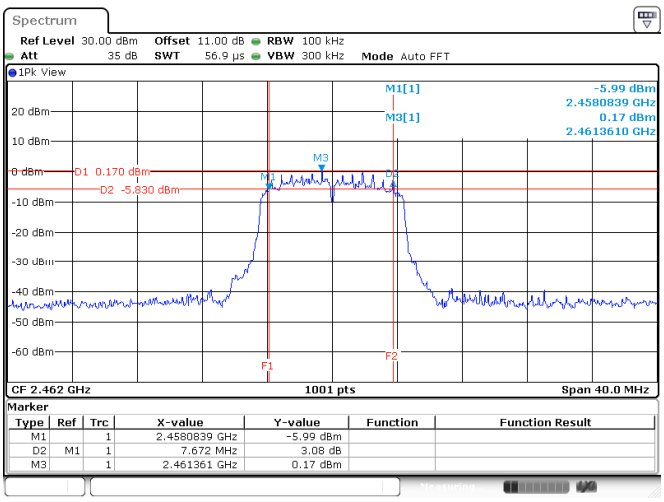
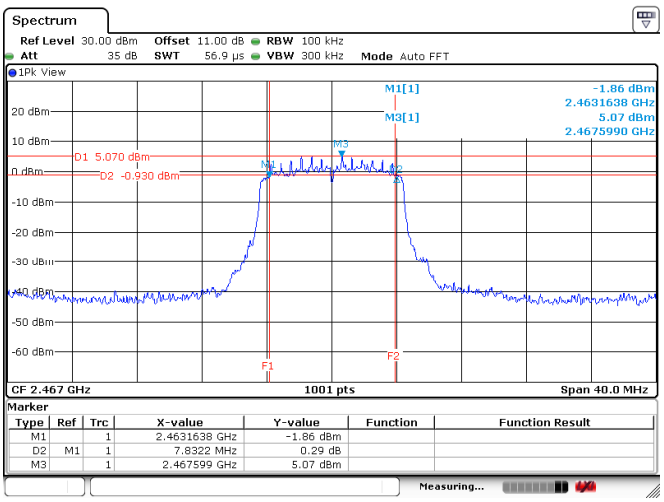



## Channel 9



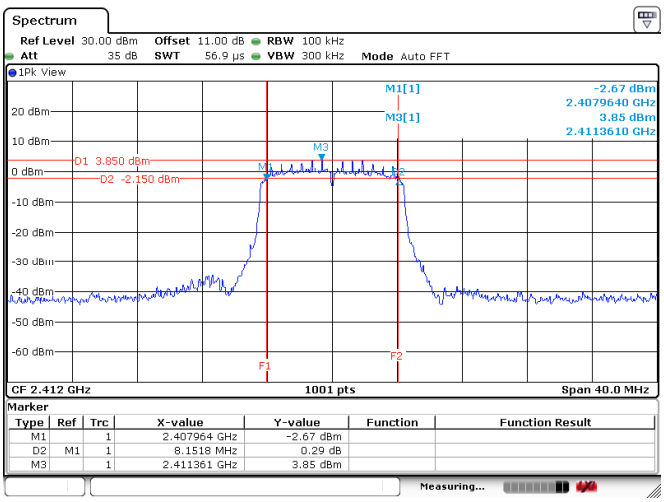

## Channel 10



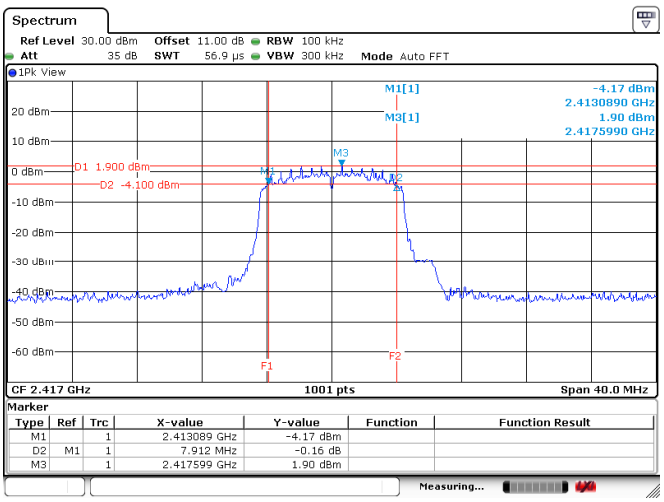
| Channel 11 | Channel 12 |
|---|---|
|  |  |

<Ant 1>

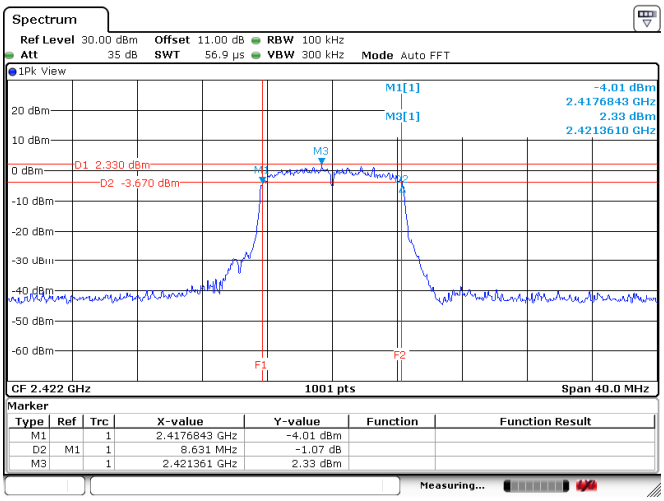
## Channel 1



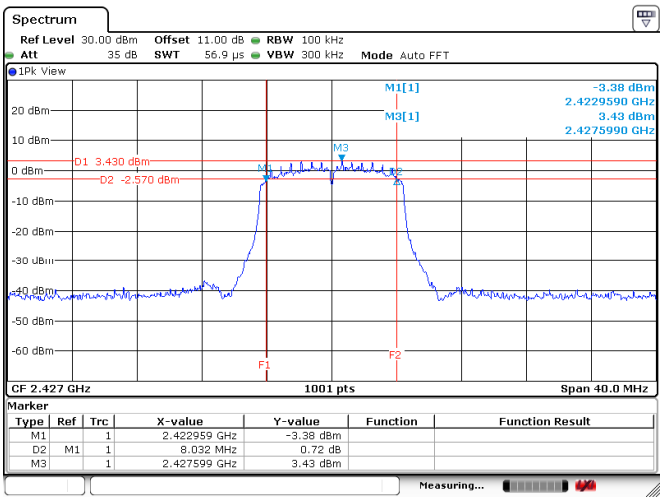

## Channel 2



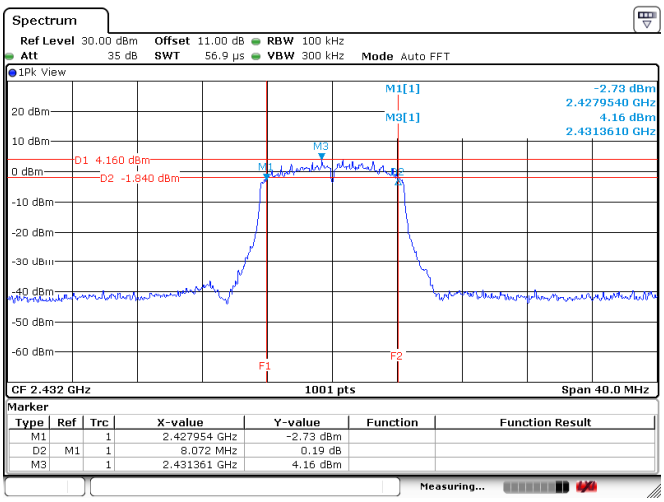

## Channel 3



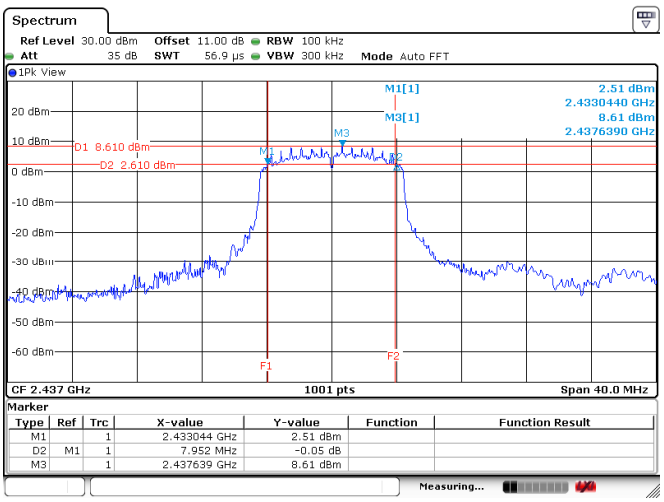

## Channel 4



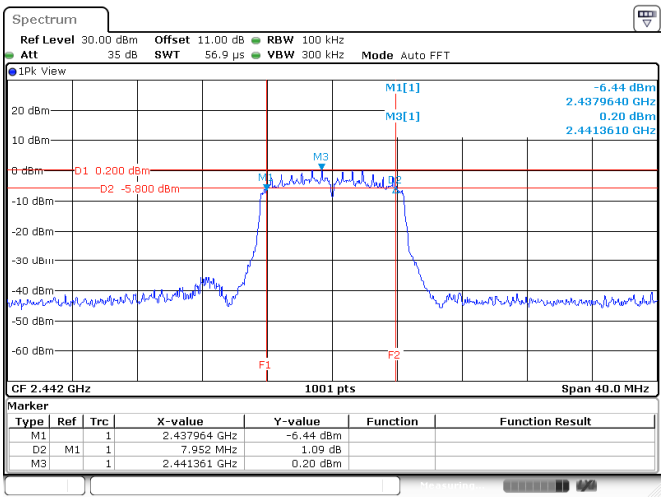
## Channel 5



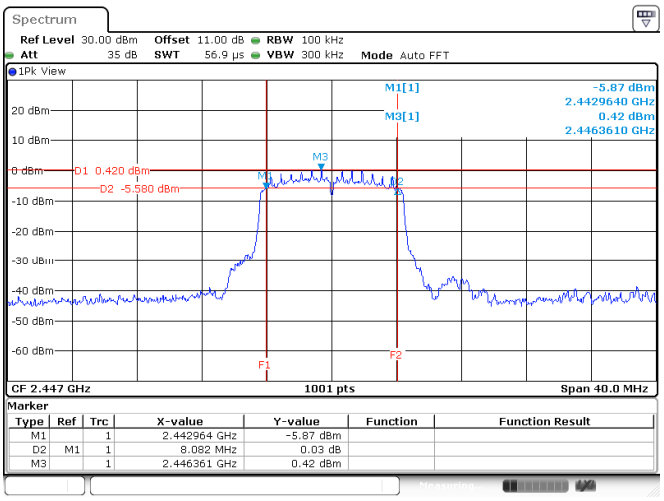

## Channel 6



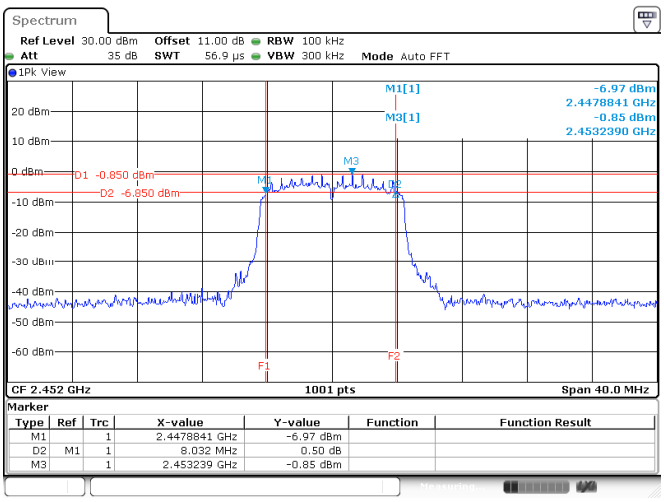

## Channel 7



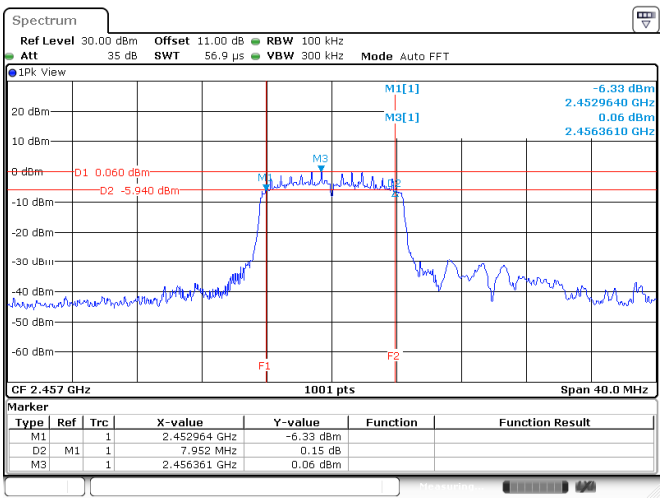

## Channel 8



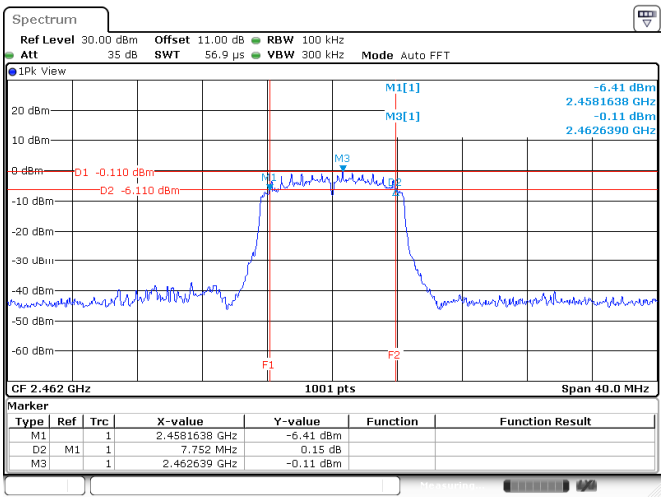
## Channel 9



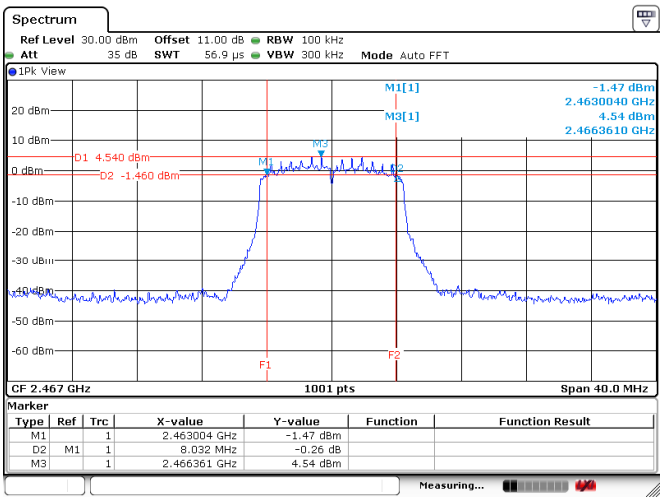

## Channel 10




## Channel 11



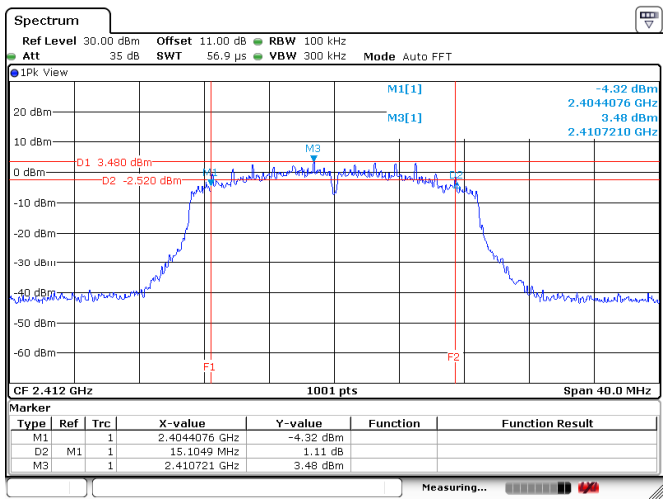
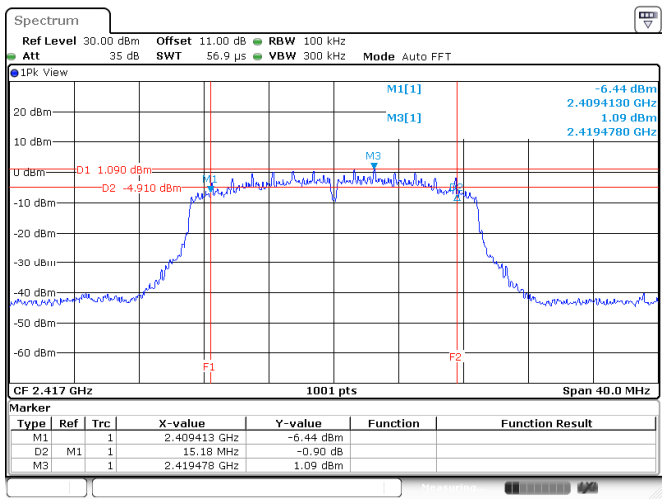

## Channel 12



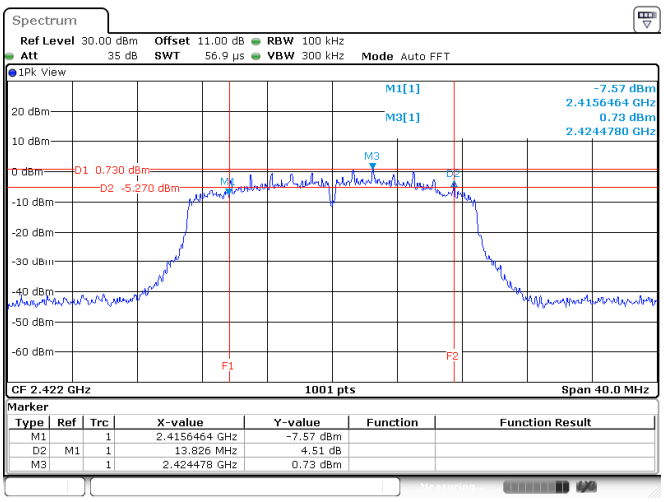
## n_20MHz: 2TX

| Channel | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | | Limit (MHz) | Result |
|---|---|---|---|---|---|
| | | Ant 0 | Ant 1 | | |
| Channel 1 | 2412 | 15.10 | 15.18 | > 0.5 | Pass |
| Channel 2 | 2417 | 15.18 | 15.18 | > 0.5 | Pass |
| Channel 3 | 2422 | 13.83 | 15.03 | > 0.5 | Pass |
| Channel 4 | 2427 | 15.18 | 15.18 | > 0.5 | Pass |
| Channel 5 | 2432 | 15.18 | 15.14 | > 0.5 | Pass |
| Channel 6 | 2437 | 15.10 | 16.58 | > 0.5 | Pass |
| Channel 11 | 2462 | 15.14 | 15.10 | > 0.5 | Pass |

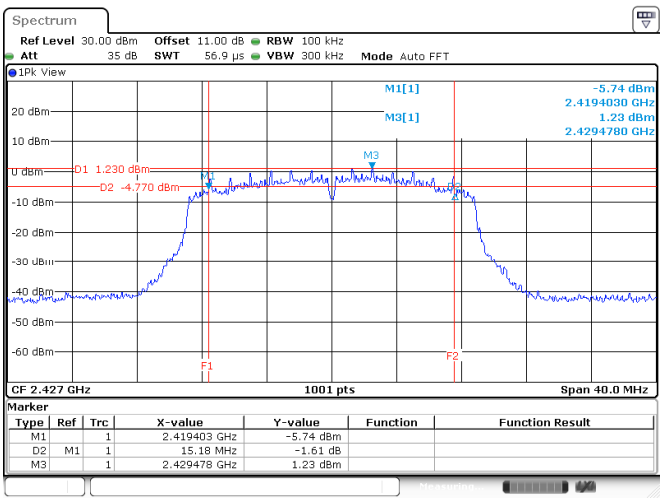
<Ant 0>

| Channel 1 | Channel 2 |
|---|---|
|  |  |

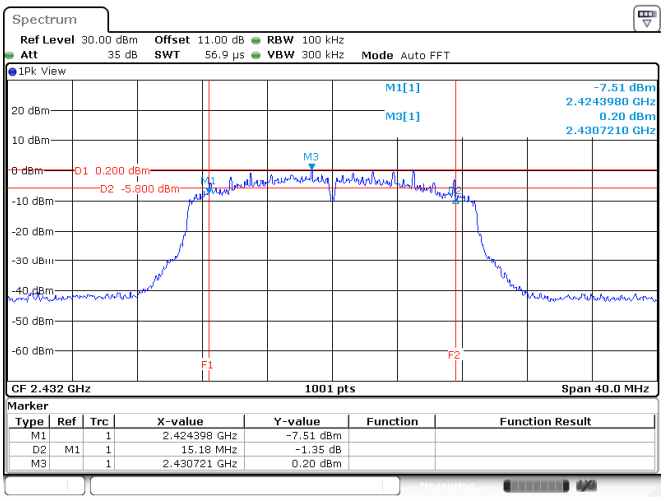
## Channel 3



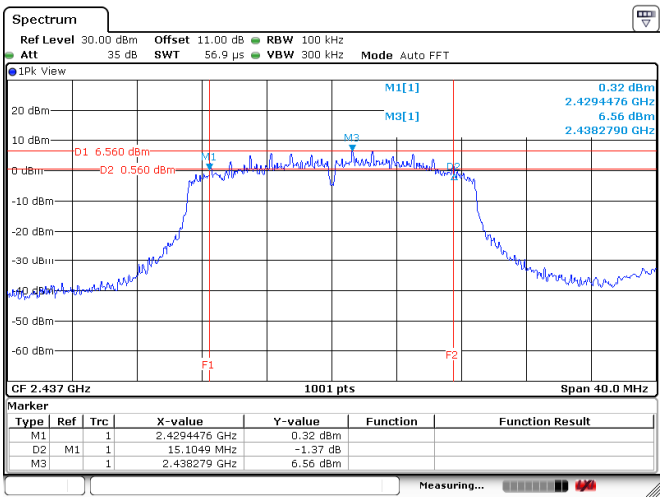

## Channel 4

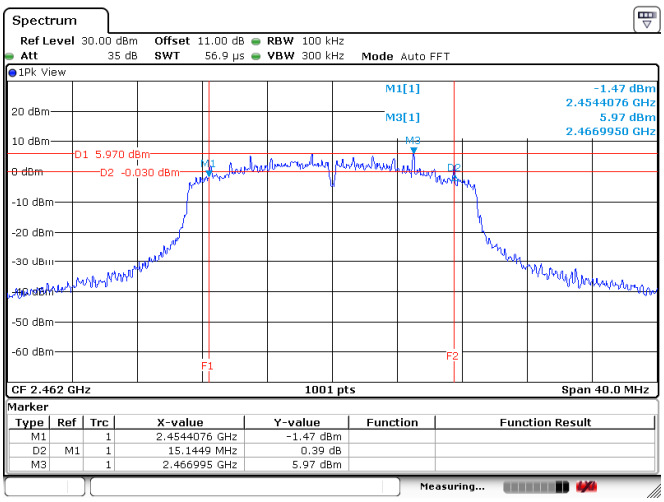



## Channel 5




## Channel 6

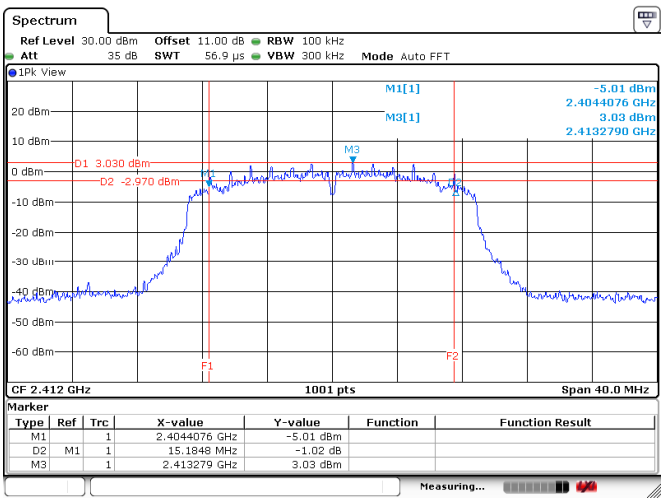


| Channel 11 | |
|---|---|
|  | |

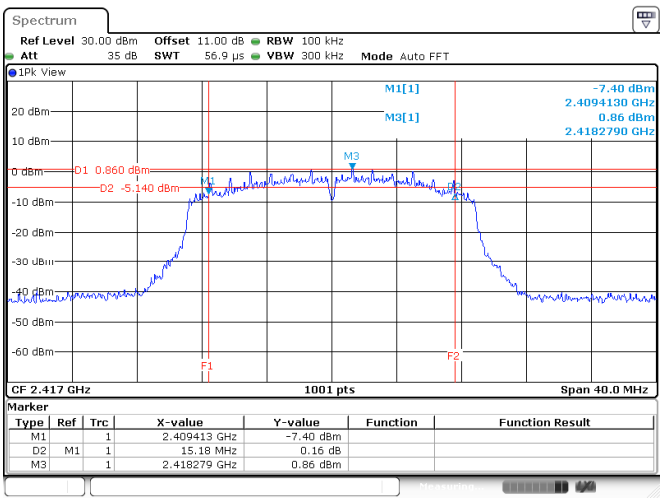
Spectrum
Ref Level 30.00 dBm Offset 11.00 dB RBW 100 kHz
Att 35 dB SWT 56.9 µs VBW 300 kHz Mode Auto FFT
1Pk View
M1[1] -1.47 dBm
2.4544076 GHz
M3[1] 5.97 dBm
2.4669950 GHz
D1 5.970 dBm
D2 -0.030 dBm
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
F1
F2
CF 2.462 GHz
1001 pts
Span 40.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 2.4544076 GHz -1.47 dBm
D2 M1 1 15.1449 MHz 0.39 dB
M3 1 2.466995 GHz 5.97 dBm
Measuring...

<Ant 1>

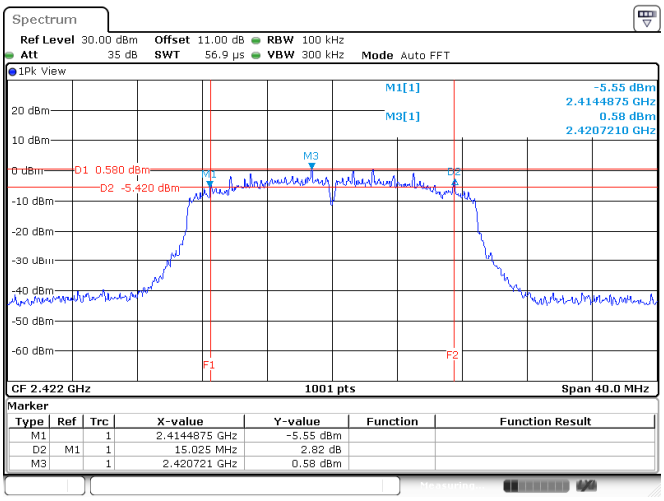
## Channel 1



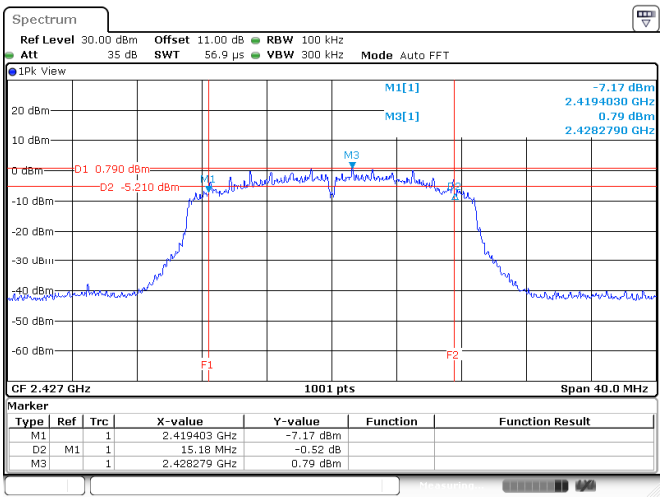

## Channel 2



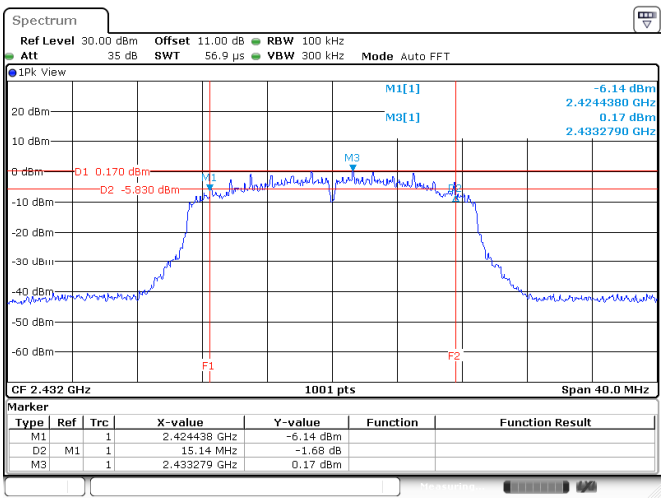

## Channel 3



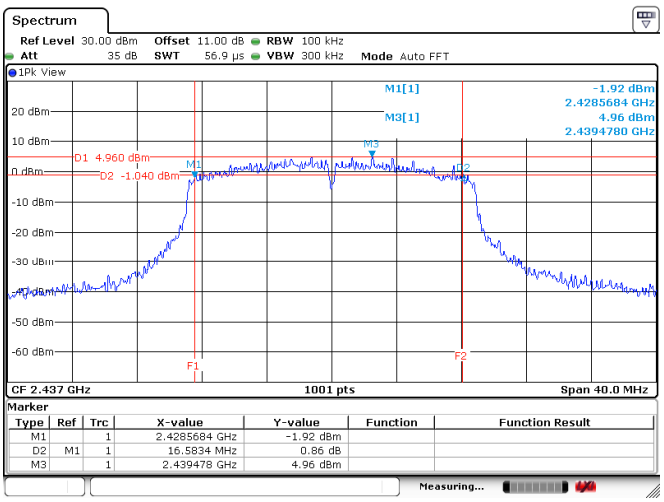

## Channel 4



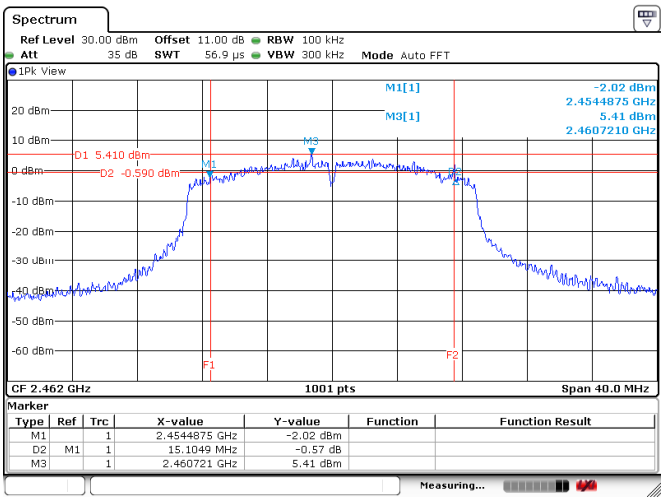
## Channel 5




## Channel 6




## Channel 11

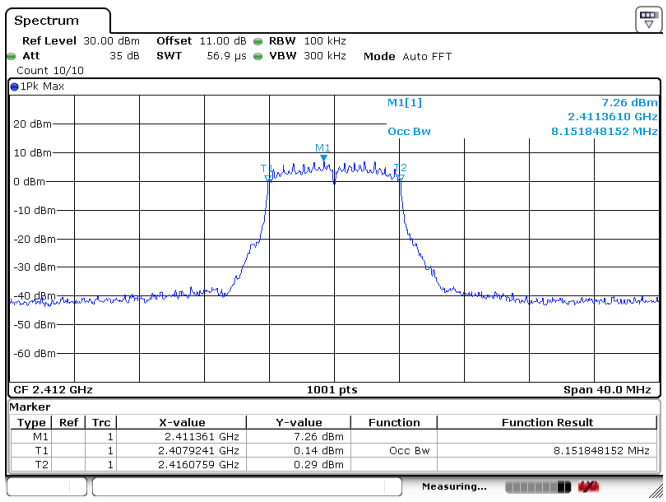
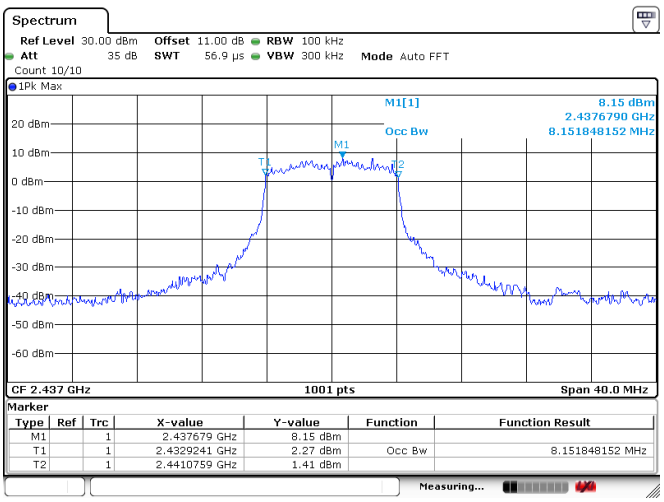


## Test Result of 99% Occupied Bandwidth

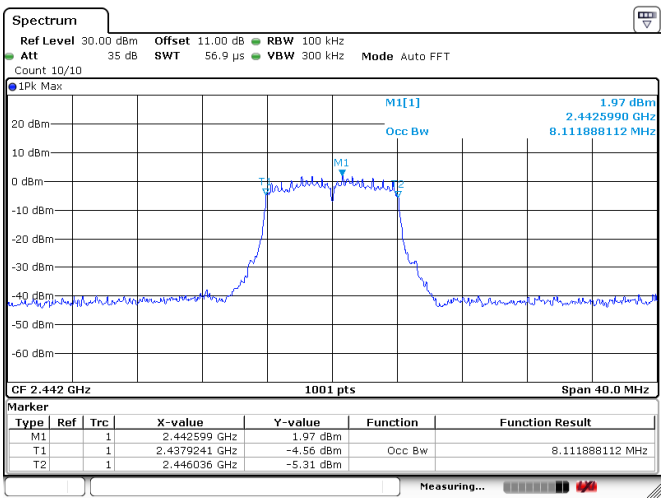
**g_10MHz: 2TX**

| Channel | Channel Frequency (MHz) | 99% Bandwidth (MHz) | |
|---|---|---|---|
| | | Ant 0 | Ant 1 |
| Channel 1 | 2412 | 8.15 | 8.15 |
| Channel 6 | 2437 | 8.15 | 8.15 |
| Channel 7 | 2442 | 8.11 | 8.15 |
| Channel 8 | 2447 | 8.15 | 8.15 |
| Channel 9 | 2452 | 8.15 | 8.11 |
| Channel 10 | 2457 | 8.15 | 8.11 |
| Channel 11 | 2462 | 8.15 | 8.11 |
| Channel 12 | 2467 | 8.11 | 8.15 |

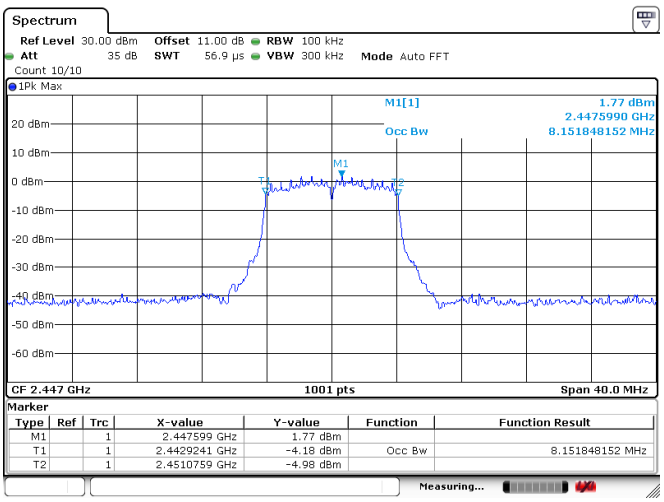
<Ant 0>

| Channel 1 | Channel 6 |
|---|---|
|  |  |

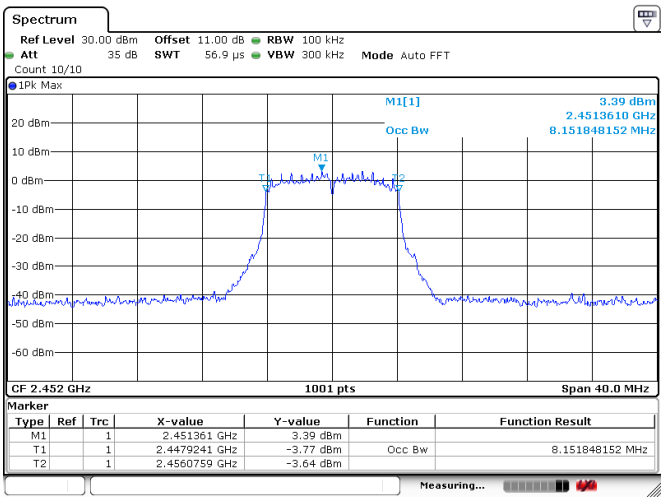
## Channel 7



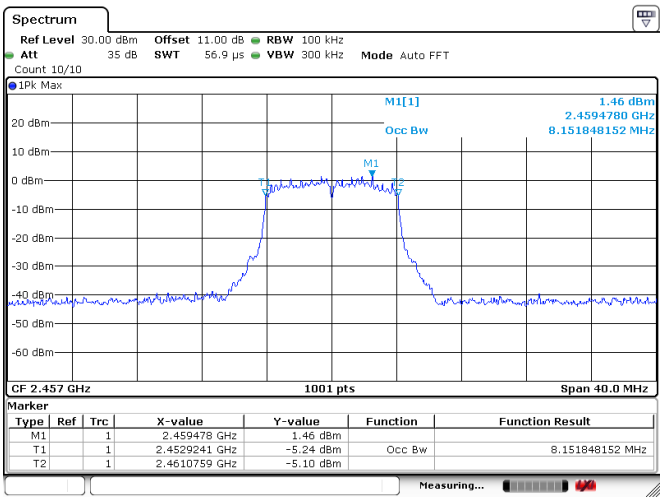

## Channel 8

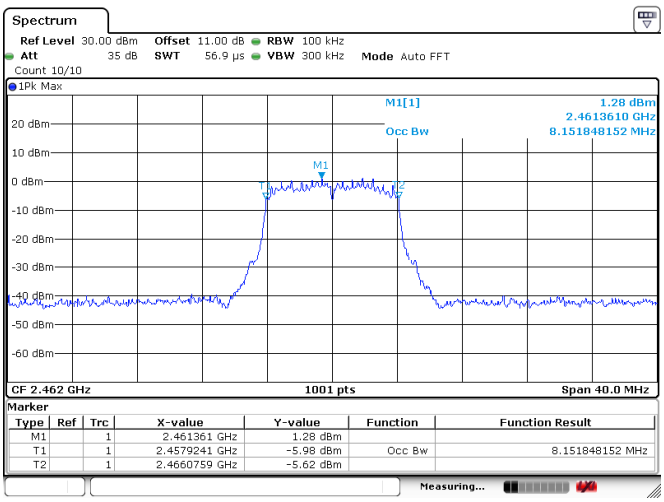
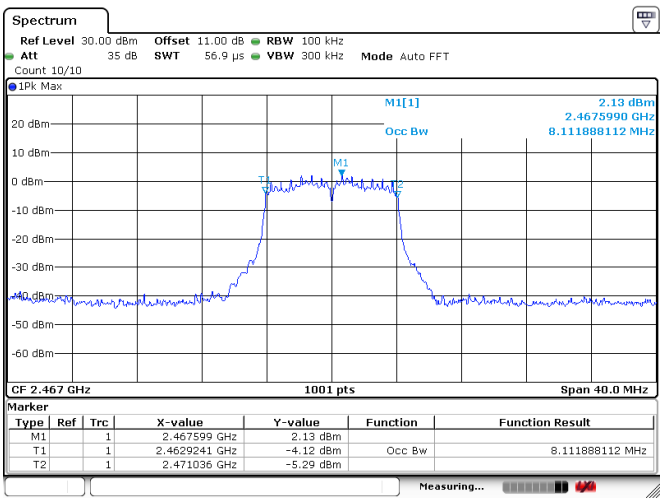



## Channel 9



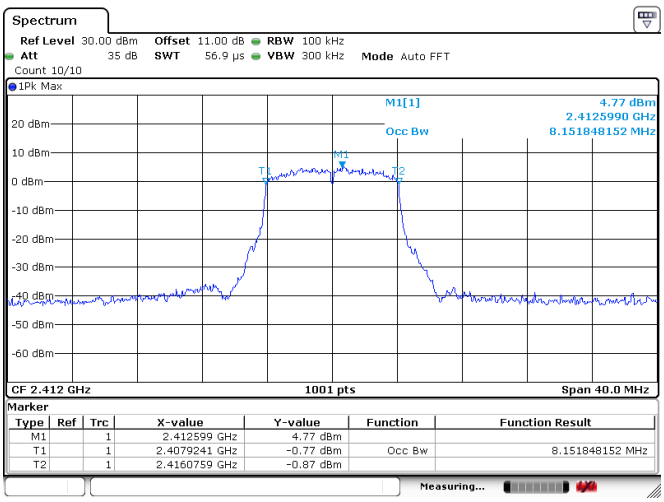

## Channel 10



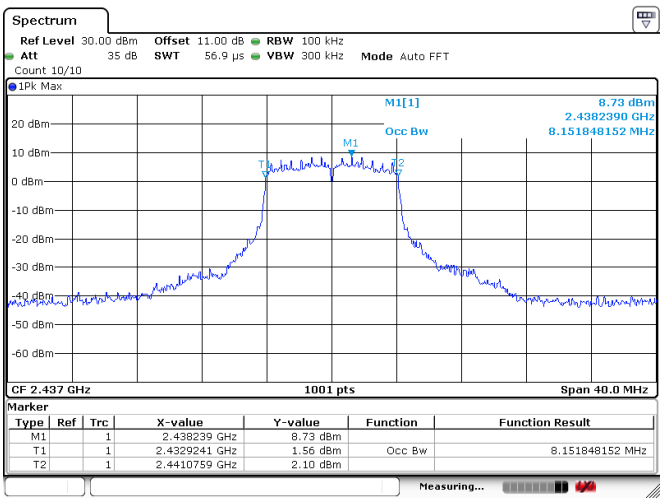
| Channel 11 | Channel 12 |
|---|---|
|  |  |

<Ant 1>

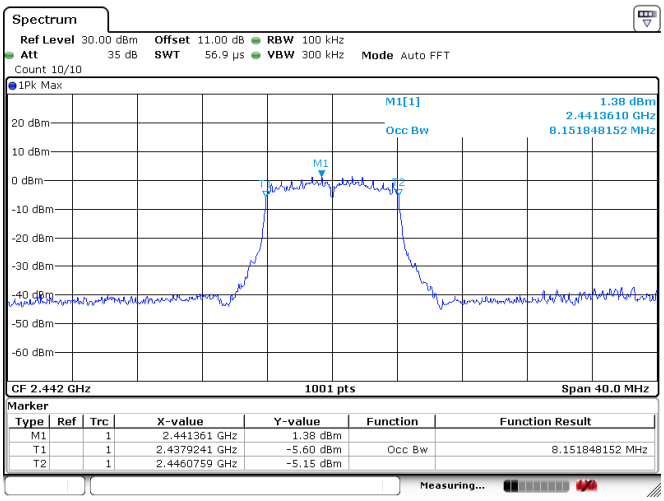
## Channel 1



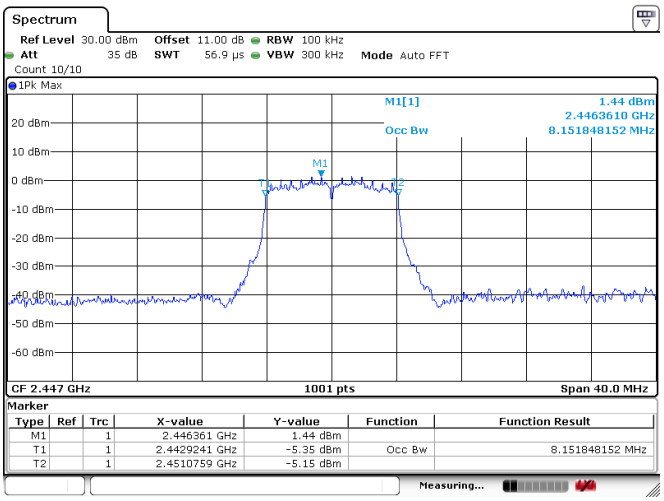

## Channel 6



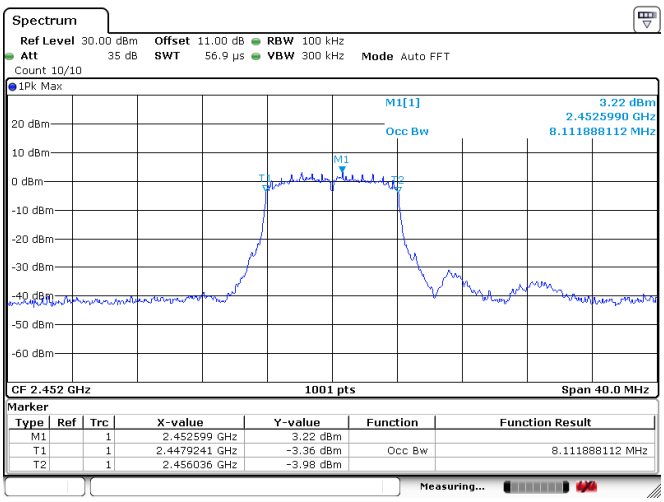

## Channel 7



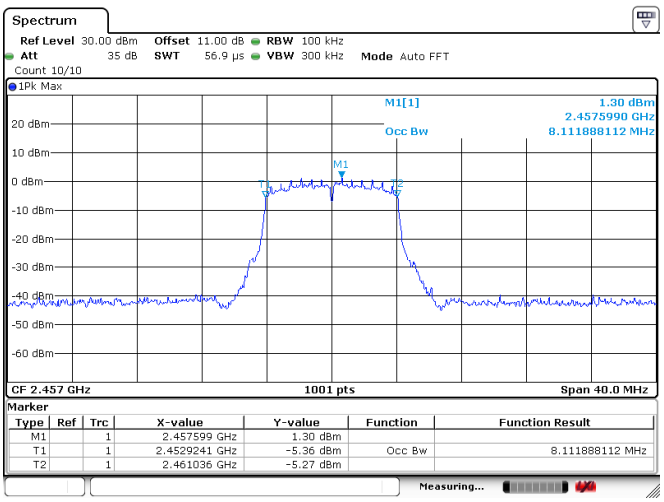

## Channel 8



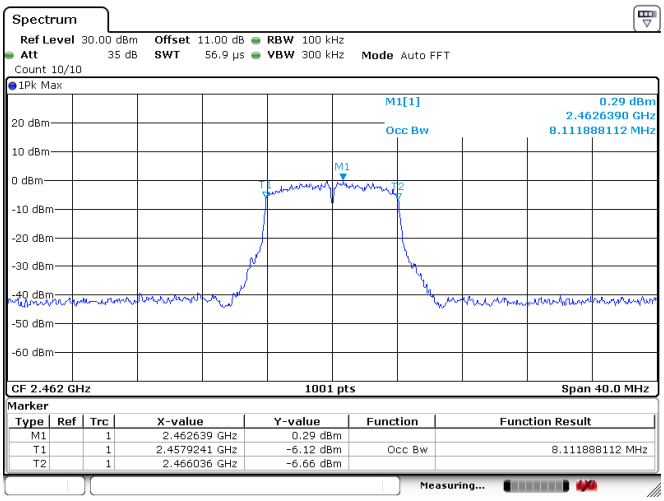
## Channel 9



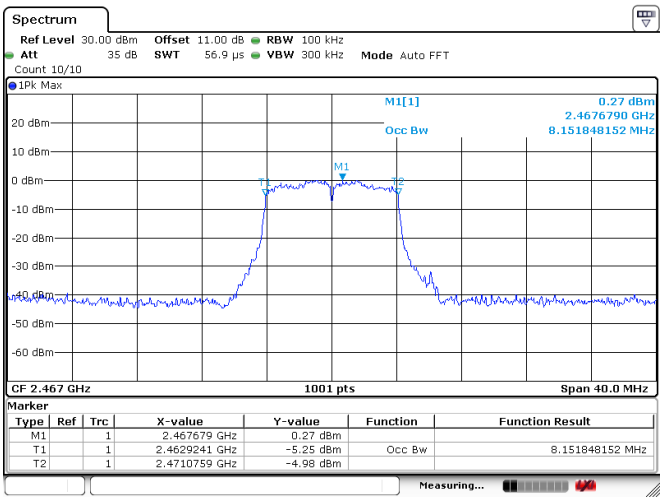

## Channel 10




## Channel 11



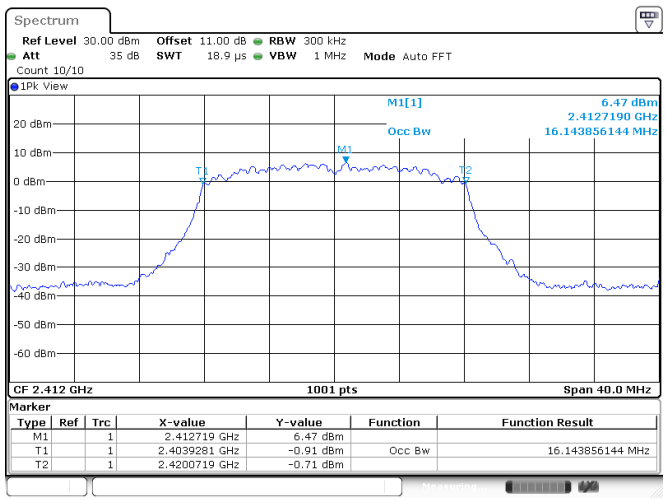
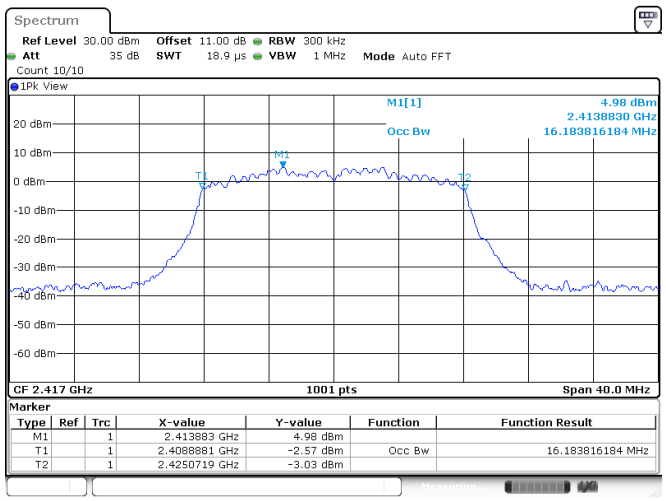

## Channel 12



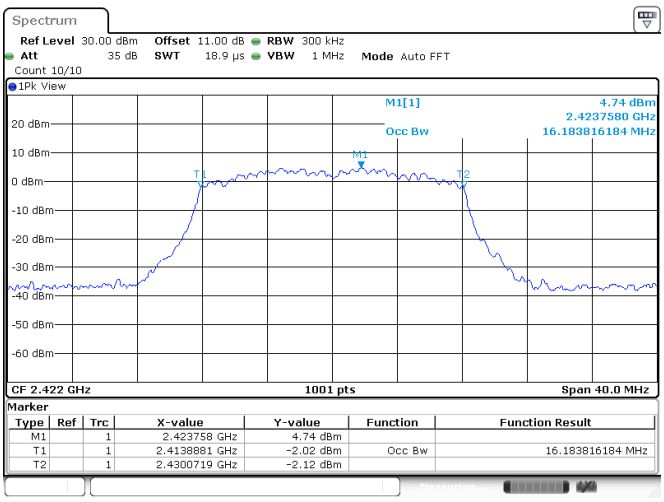
## g_20MHz: 2TX

| Channel | Channel Frequency (MHz) | 99% Bandwidth (MHz) | |
|---|---|---|---|
| | | Ant 0 | Ant 1 |
| Channel 1 | 2412 | 16.14 | 16.14 |
| Channel 2 | 2417 | 16.18 | 16.22 |
| Channel 3 | 2422 | 16.18 | 16.14 |
| Channel 4 | 2427 | 16.14 | 16.14 |
| Channel 5 | 2432 | 16.18 | 16.10 |
| Channel 6 | 2437 | 16.18 | 16.10 |
| Channel 7 | 2442 | 16.14 | 16.10 |
| Channel 8 | 2447 | 16.14 | 16.10 |
| Channel 9 | 2452 | 16.18 | 16.14 |
| Channel 10 | 2457 | 16.18 | 16.18 |
| Channel 11 | 2462 | 16.18 | 16.18 |

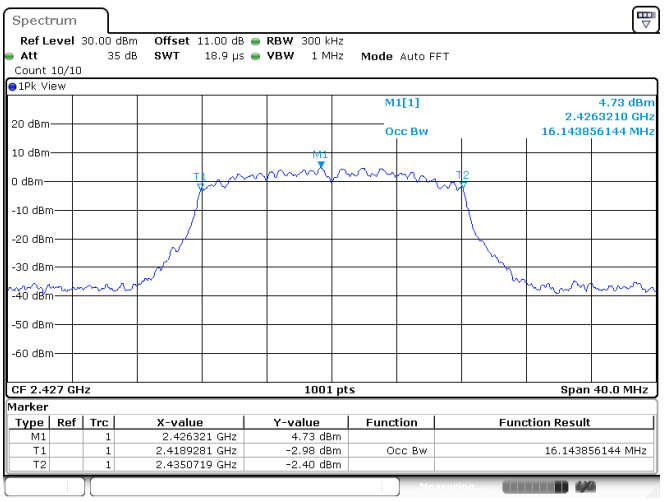
<Ant 0>

| Channel 1 | Channel 2 |
|---|---|
|  |  |

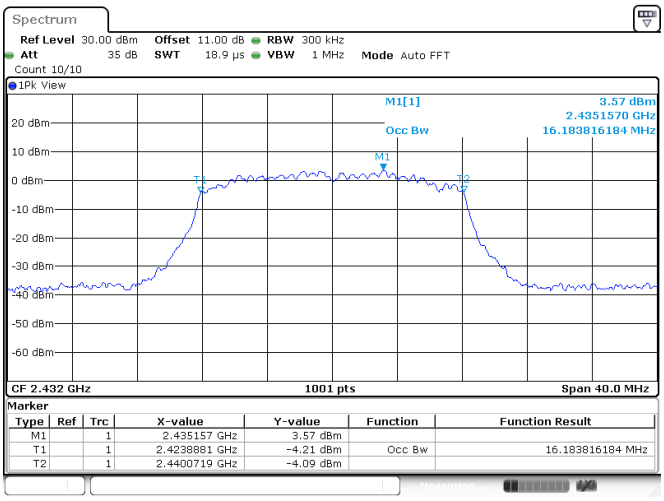
## Channel 3



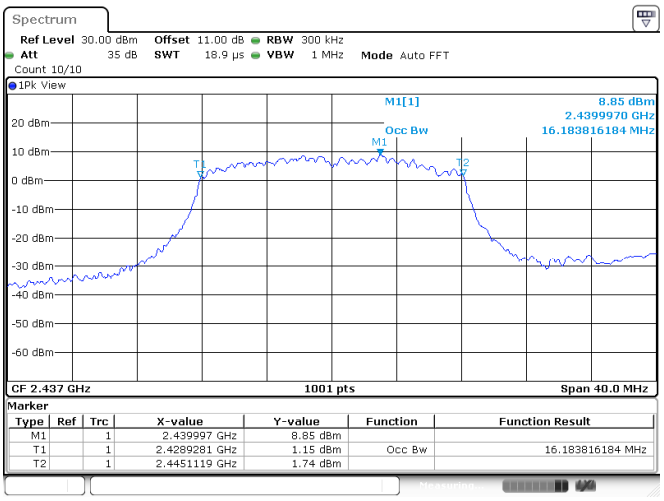

## Channel 4



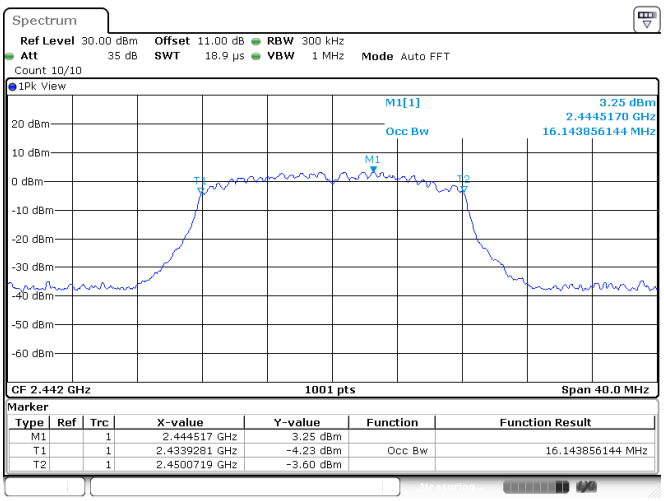

## Channel 5



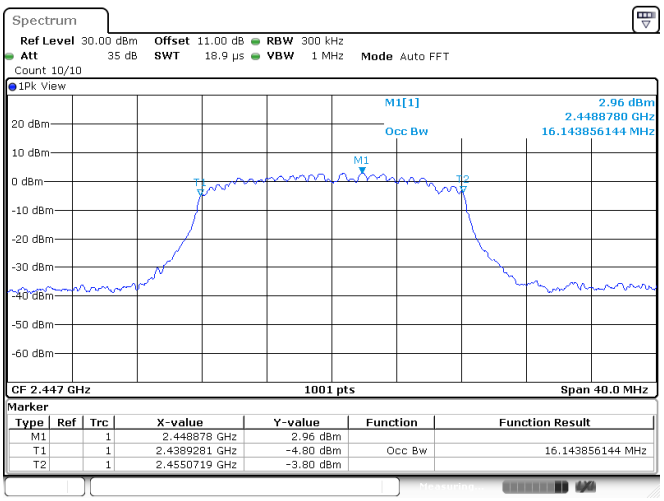

## Channel 6



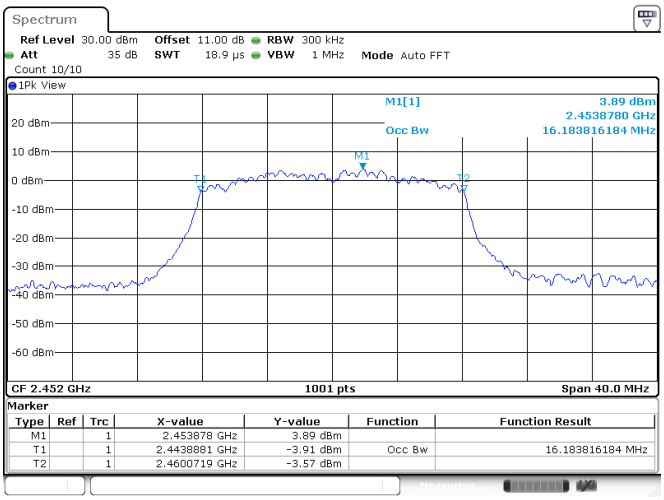
## Channel 7



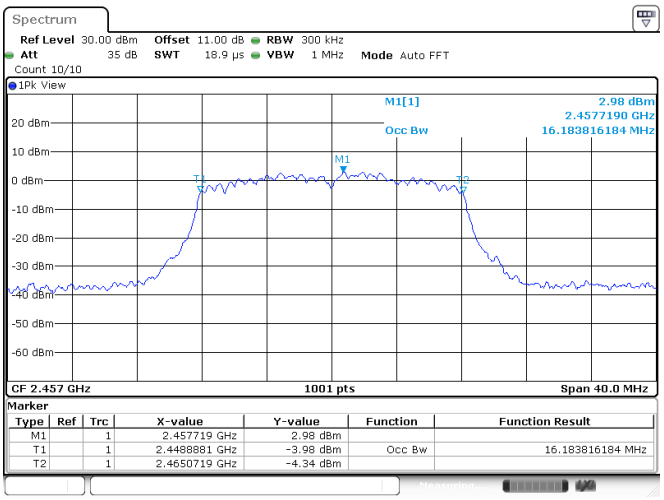

## Channel 8

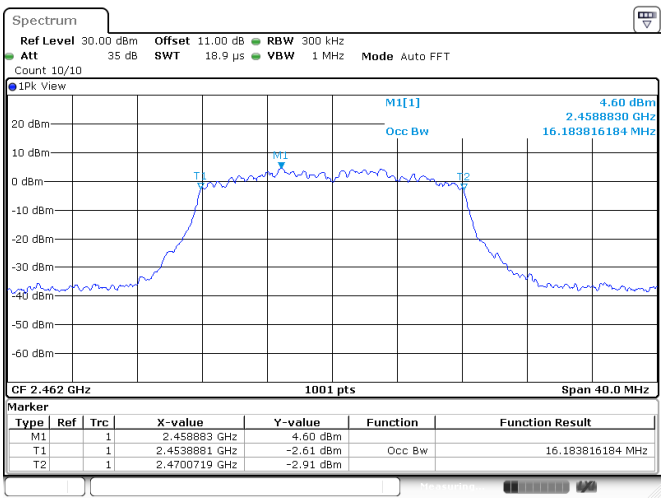



## Channel 9




## Channel 10

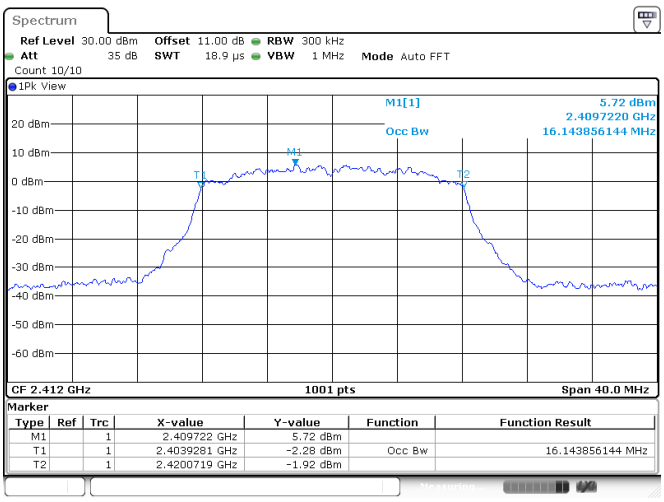


| Channel 11 | |
|---|---|
|  | |

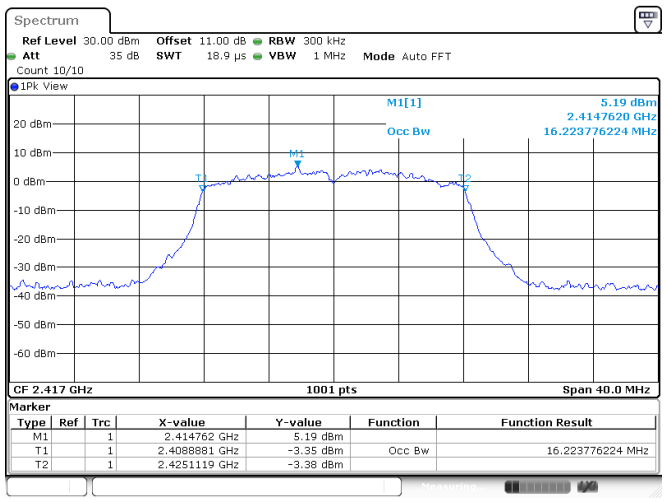
Spectrum
Ref Level 30.00 dBm Offset 11.00 dB RBW 300 kHz
Att 35 dB SWT 18.9 µs VBW 1 MHz Mode Auto FFT
Count 10/10
1Pk View
M1[1] 4.60 dBm
2.4588830 GHz
Occ Bw 16.183816184 MHz
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 2.462 GHz
1001 pts
Span 40.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 2.458883 GHz 4.60 dBm
T1 1 2.4538881 GHz -2.61 dBm Occ Bw 16.183816184 MHz
T2 1 2.4700719 GHz -2.91 dBm

<Ant 1>

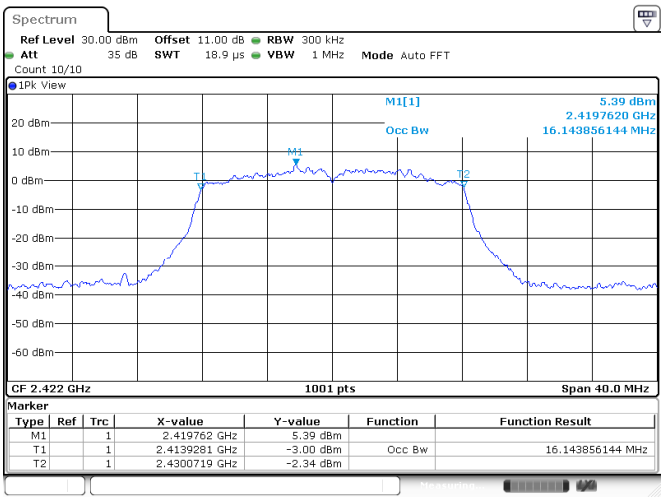
## Channel 1



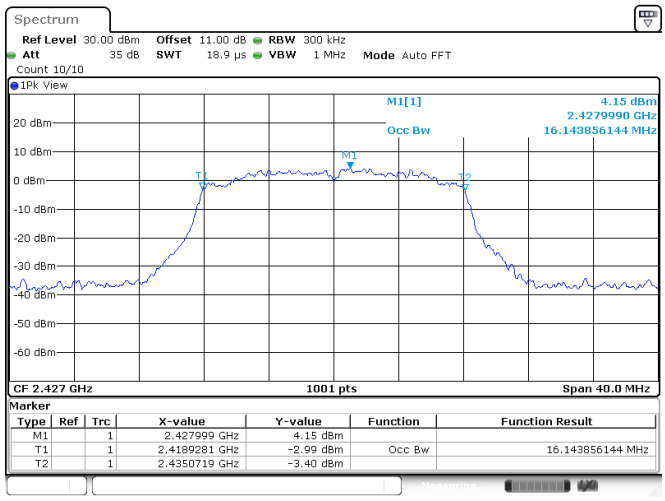

## Channel 2



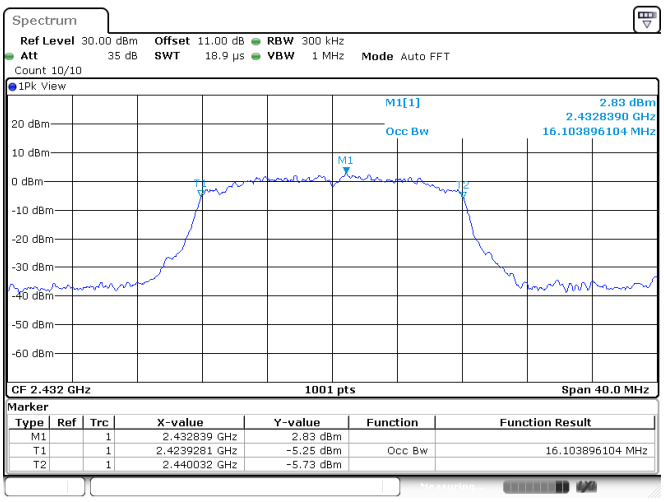

## Channel 3



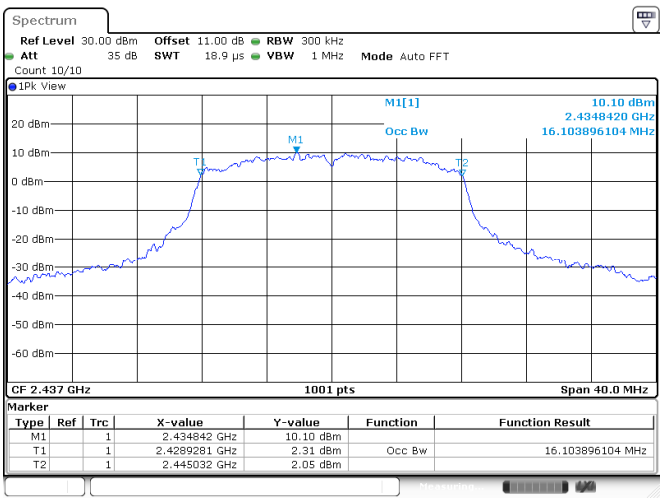

## Channel 4



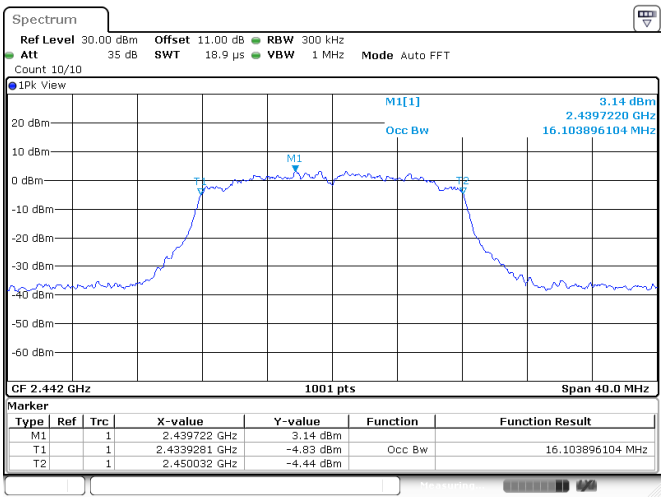
## Channel 5



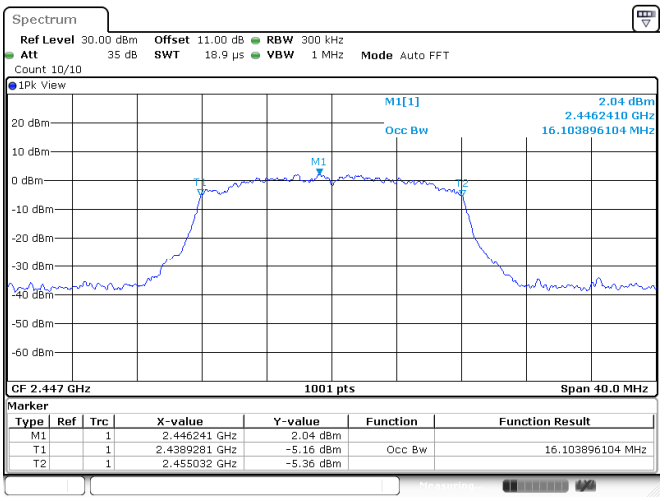

## Channel 6



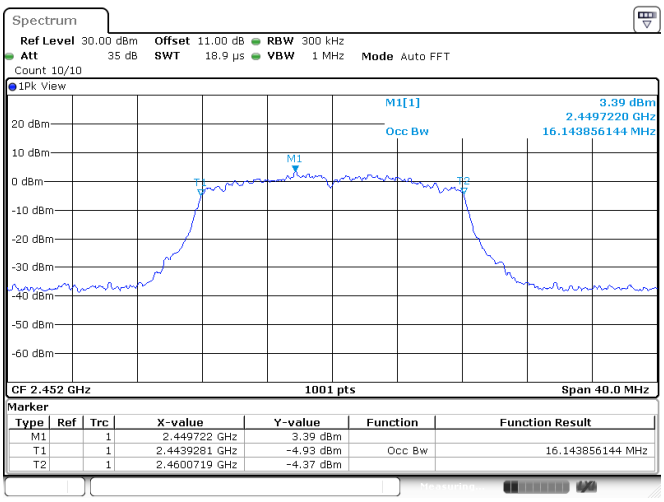

## Channel 7



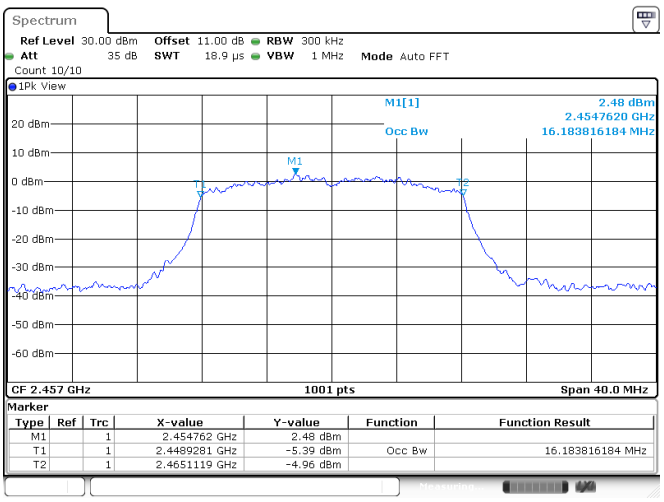

## Channel 8



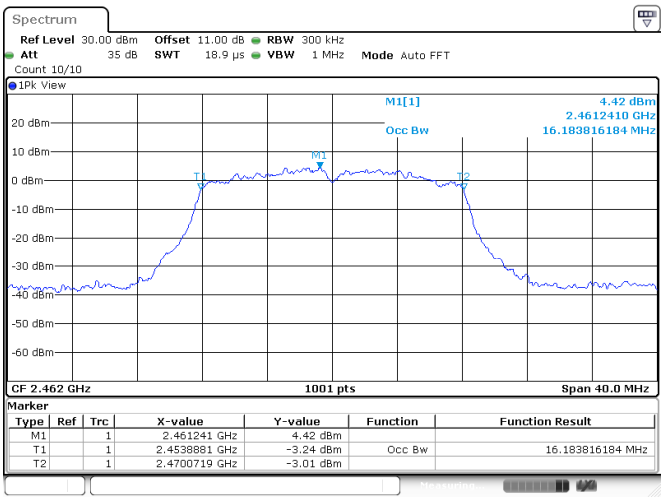
## Channel 9




## Channel 10



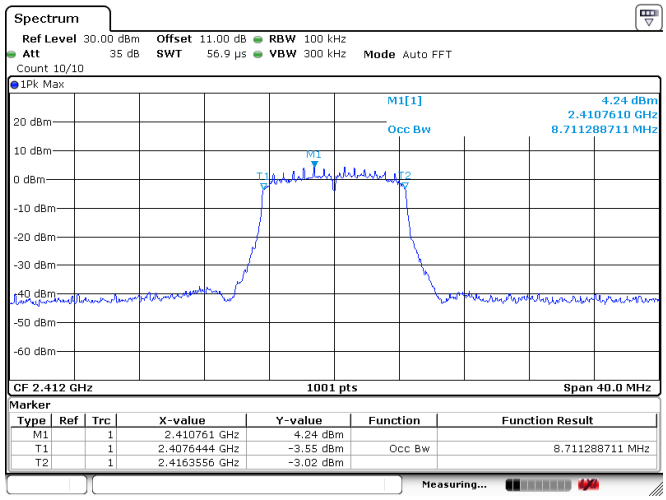
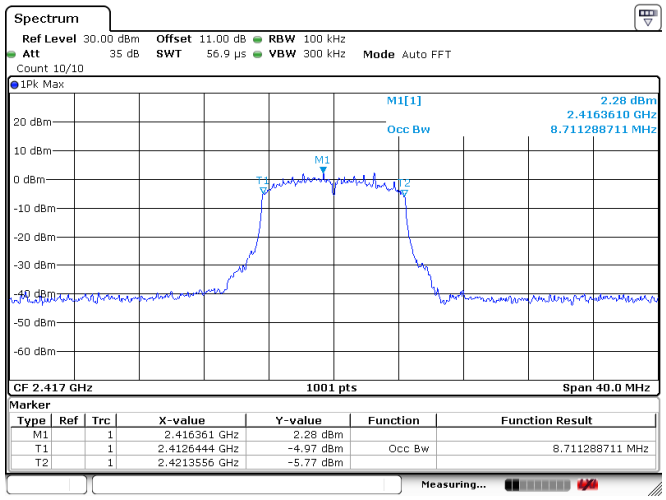

## Channel 11



## n_10MHz: 2TX

| Channel | Channel Frequency (MHz) | 99% Bandwidth (MHz) | |
|---|---|---|---|
| | | Ant 0 | Ant 1 |
| Channel 1 | 2412 | 8.71 | 8.71 |
| Channel 2 | 2417 | 8.71 | 8.71 |
| Channel 3 | 2422 | 8.71 | 8.75 |
| Channel 4 | 2427 | 8.67 | 8.71 |
| Channel 5 | 2432 | 8.67 | 8.71 |
| Channel 6 | 2437 | 8.75 | 8.71 |
| Channel 7 | 2442 | 8.83 | 8.87 |
| Channel 8 | 2447 | 8.87 | 8.87 |
| Channel 9 | 2452 | 8.87 | 8.87 |
| Channel 10 | 2457 | 8.83 | 8.83 |
| Channel 11 | 2462 | 8.79 | 8.79 |
| Channel 12 | 2467 | 8.71 | 8.75 |

<Ant 0>

| Channel 1 | Channel 2 |
|---|---|
|  |  |