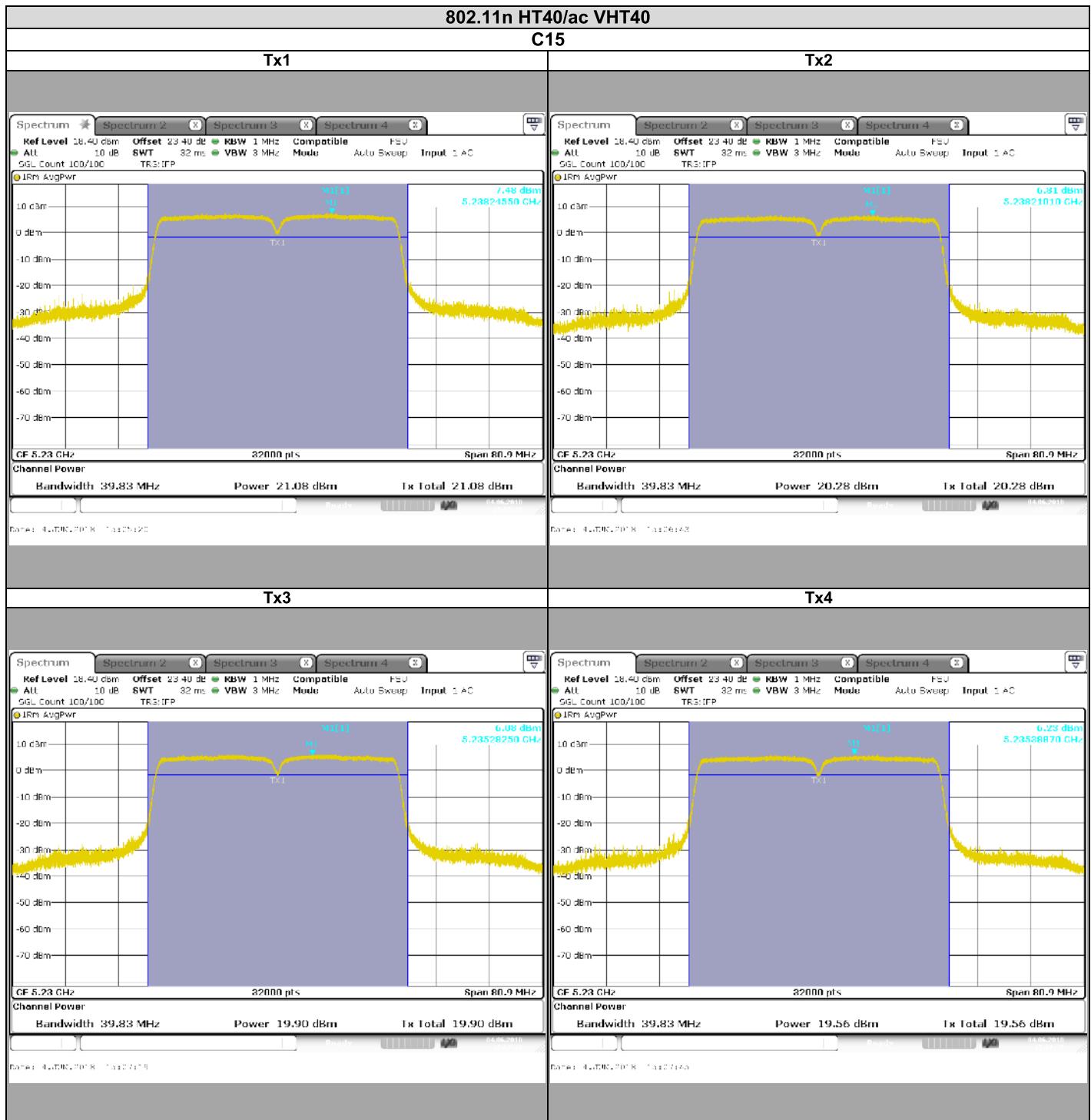




L C I E

## 802.11n HT40/ac VHT40

C15



## TEST REPORT

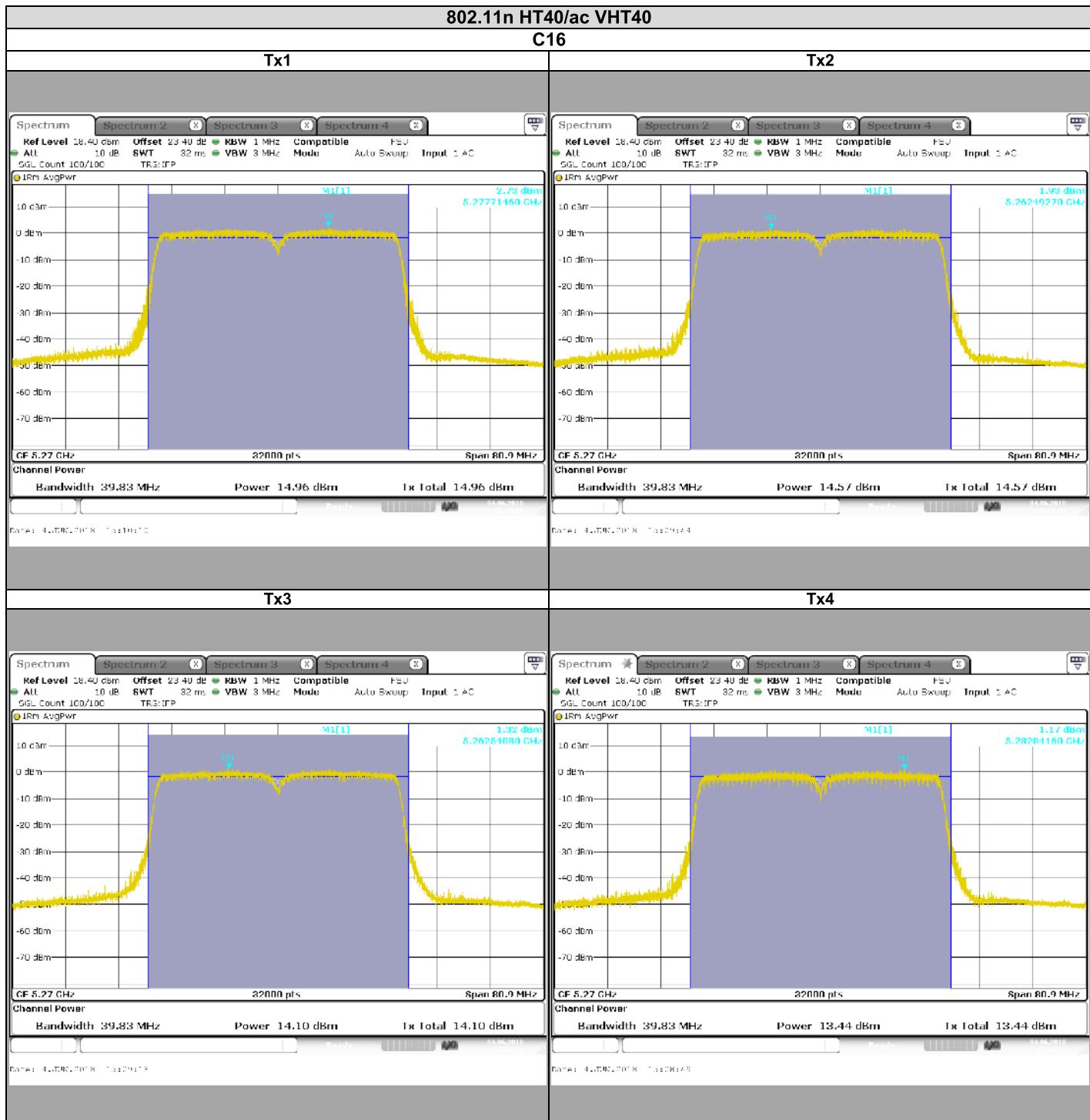
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L C I E



## TEST REPORT

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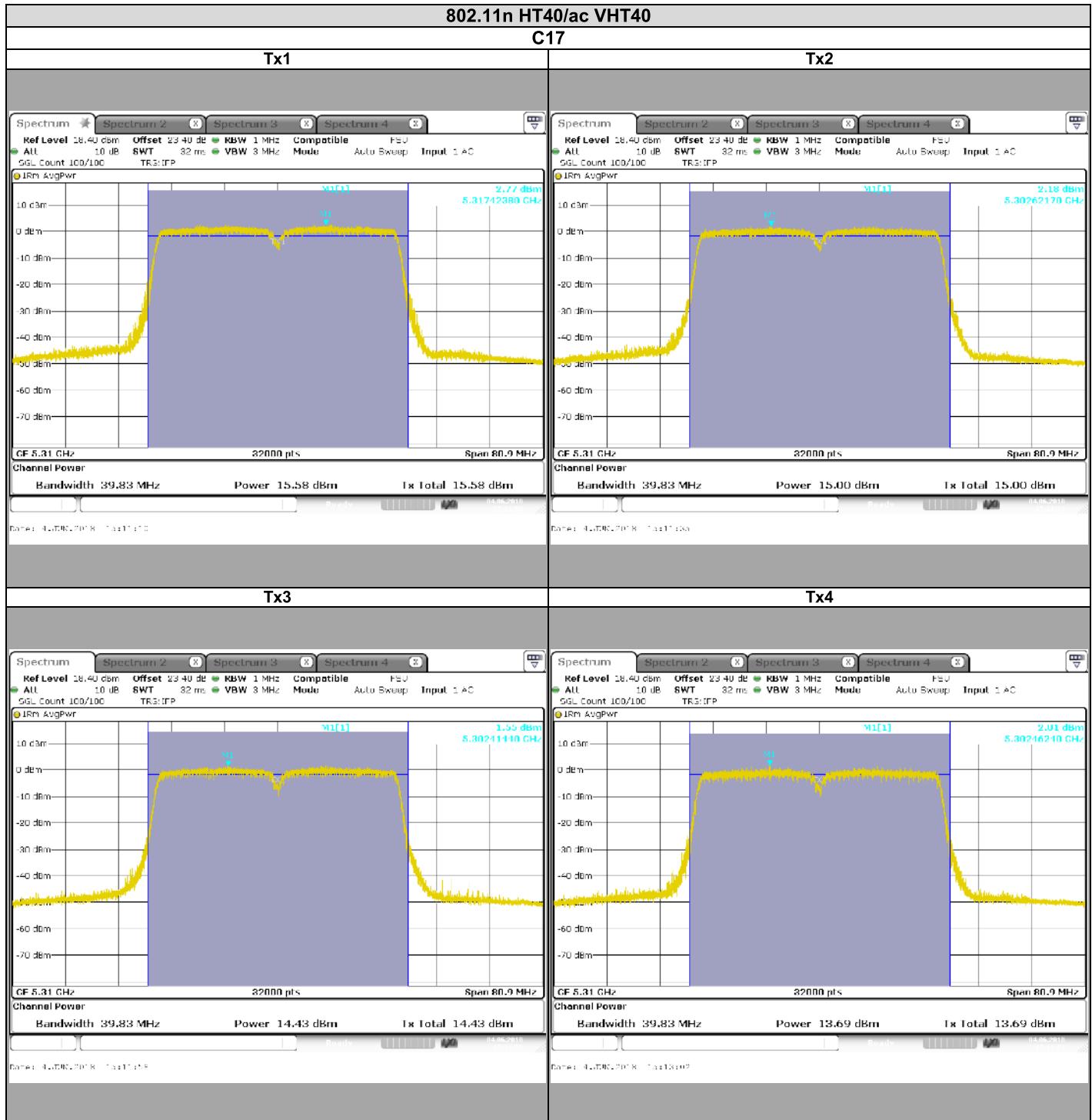
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L C I E

## 802.11n HT40/ac VHT40

C17



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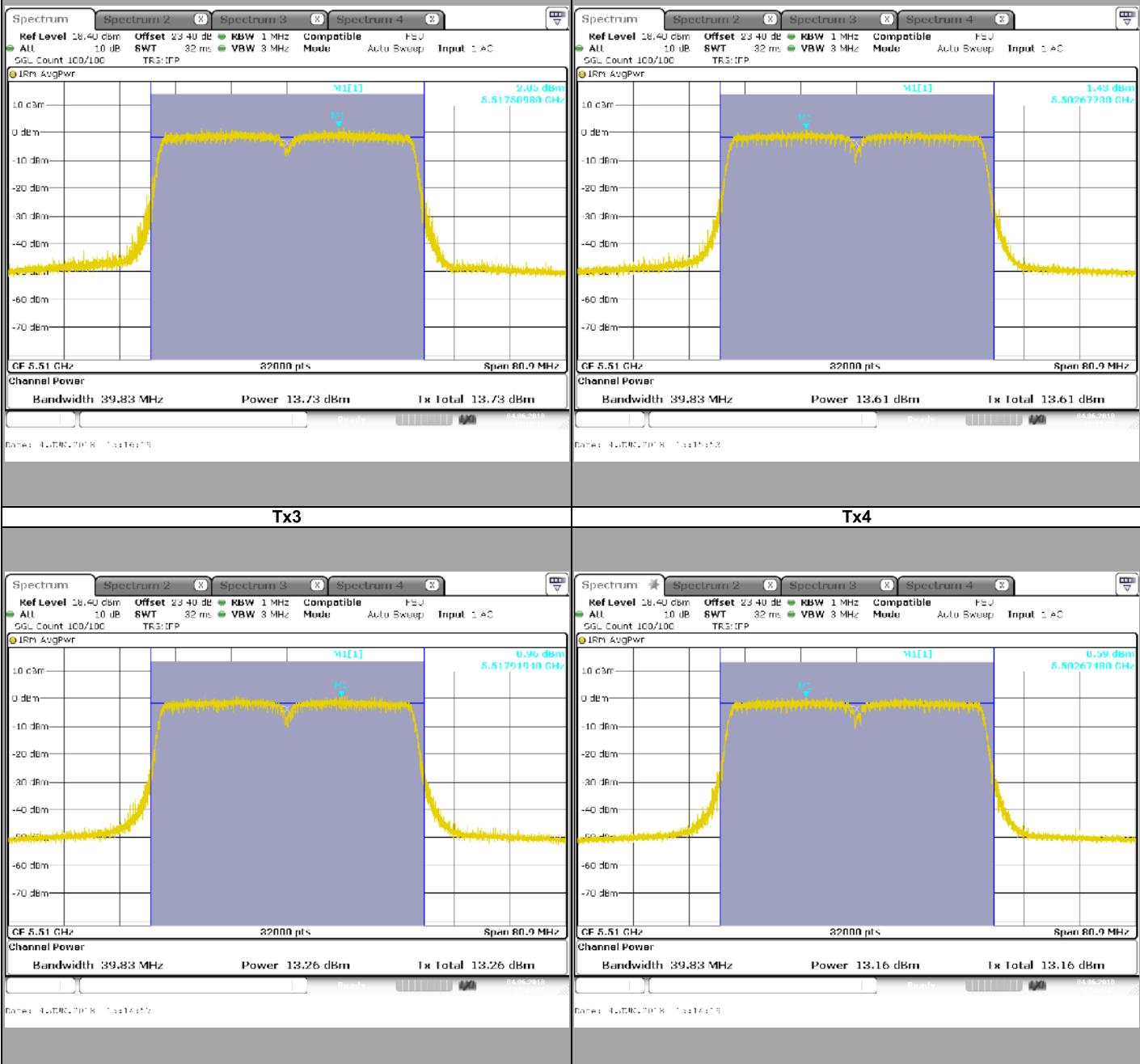
L C I E

## 802.11n HT40/ac VHT40

C18

Tx1

Tx2



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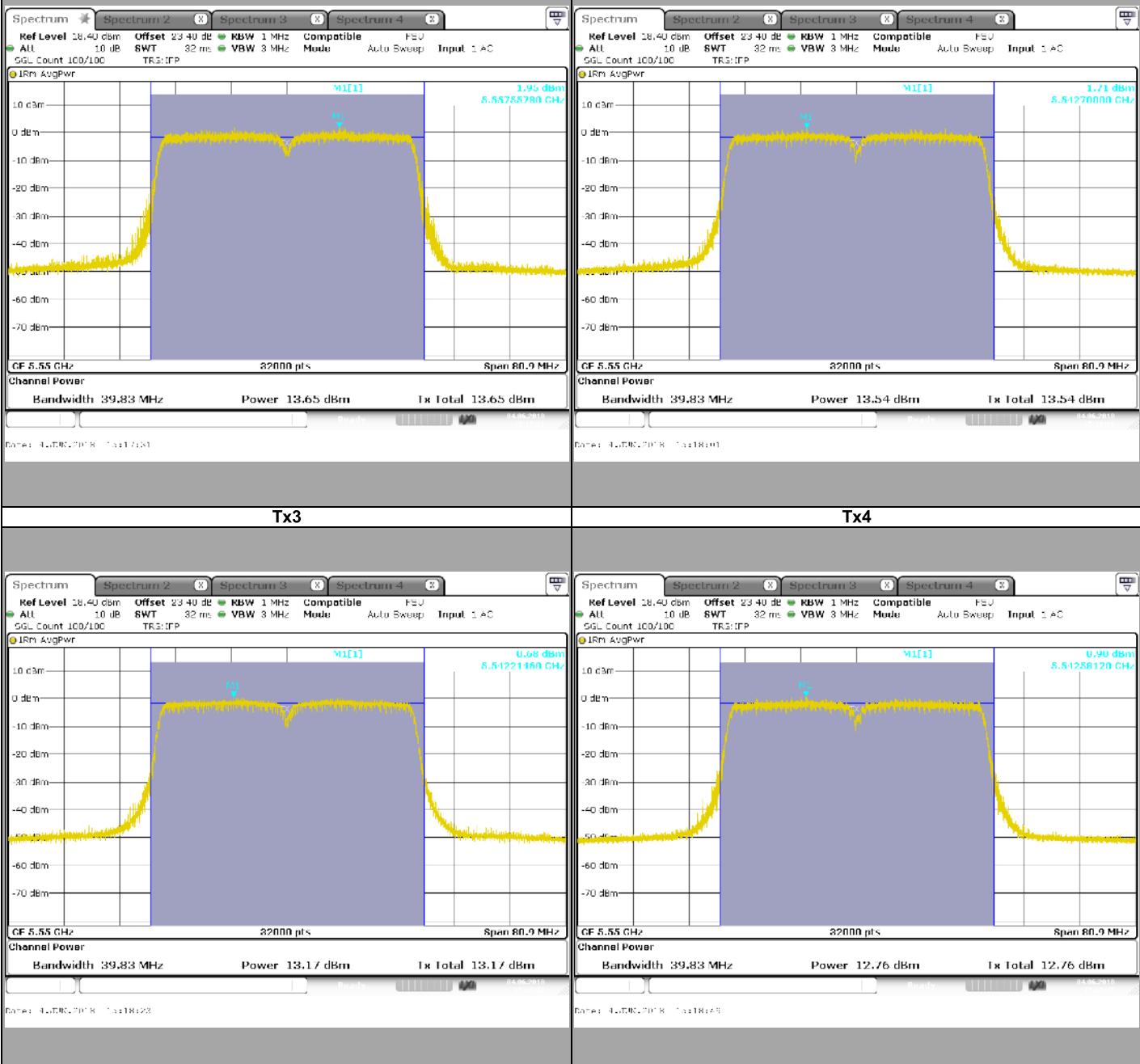
L C I E

## 802.11n HT40/ac VHT40

C19

Tx1

Tx2



## TEST REPORT

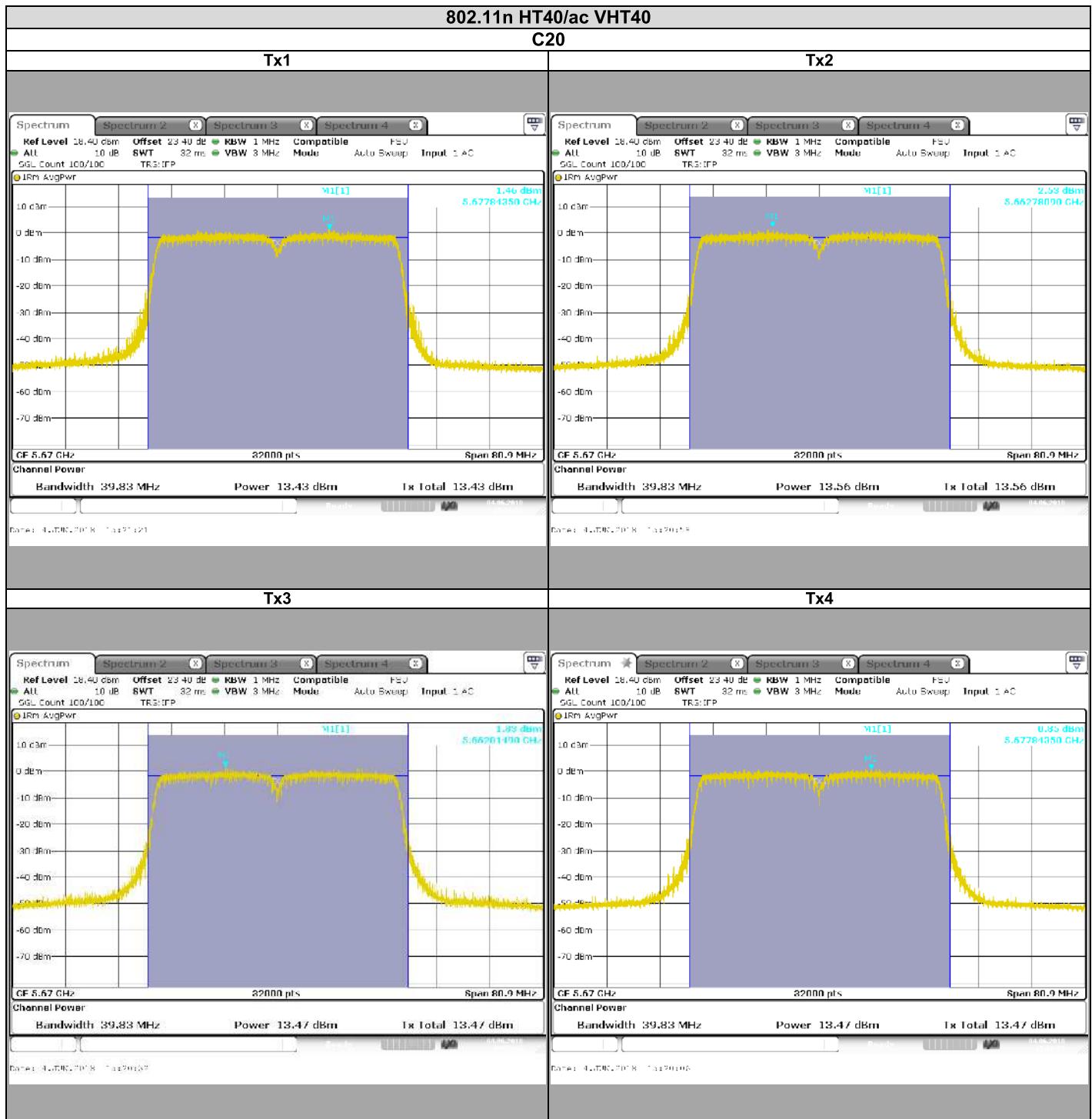
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## TEST REPORT

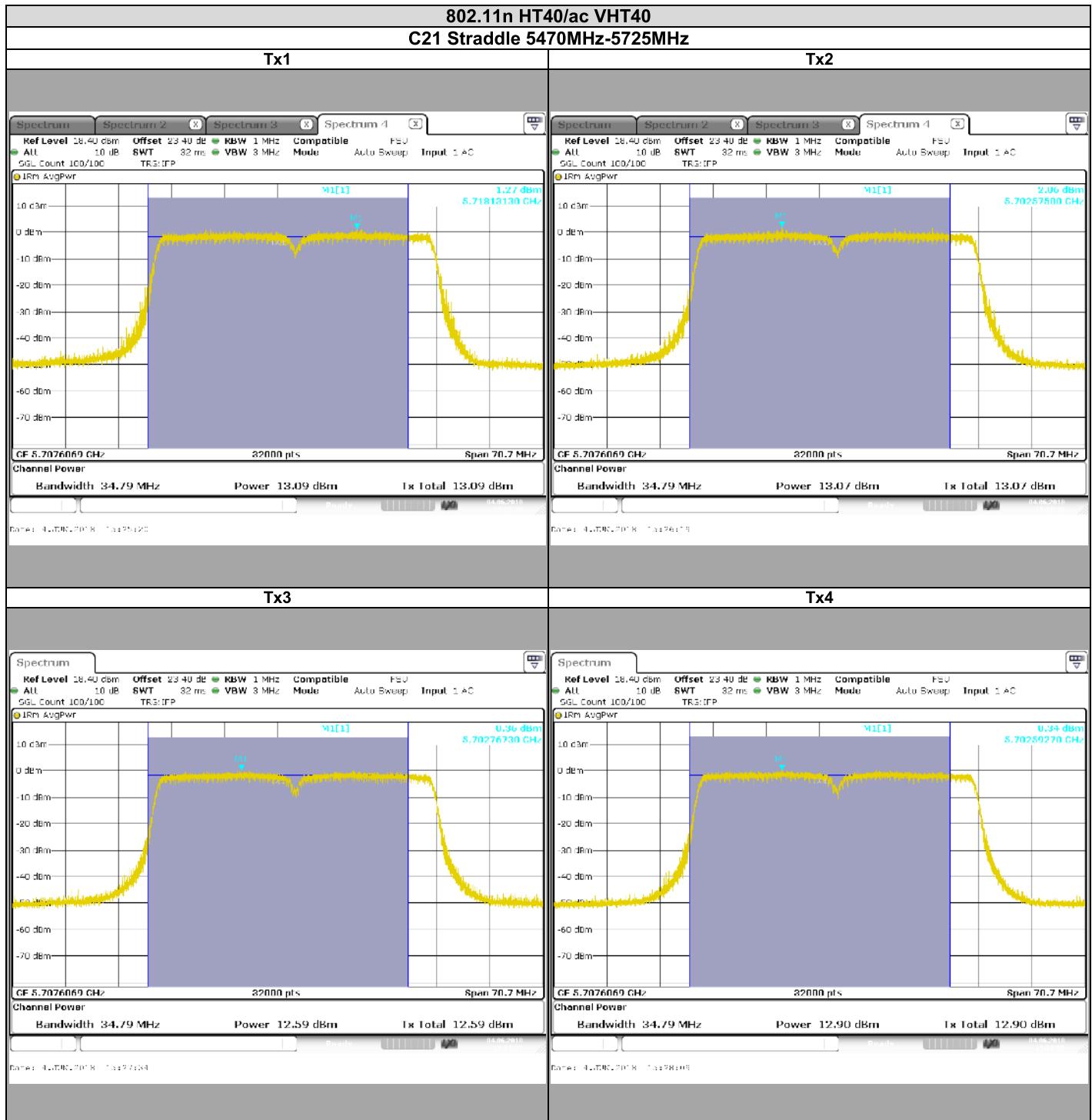
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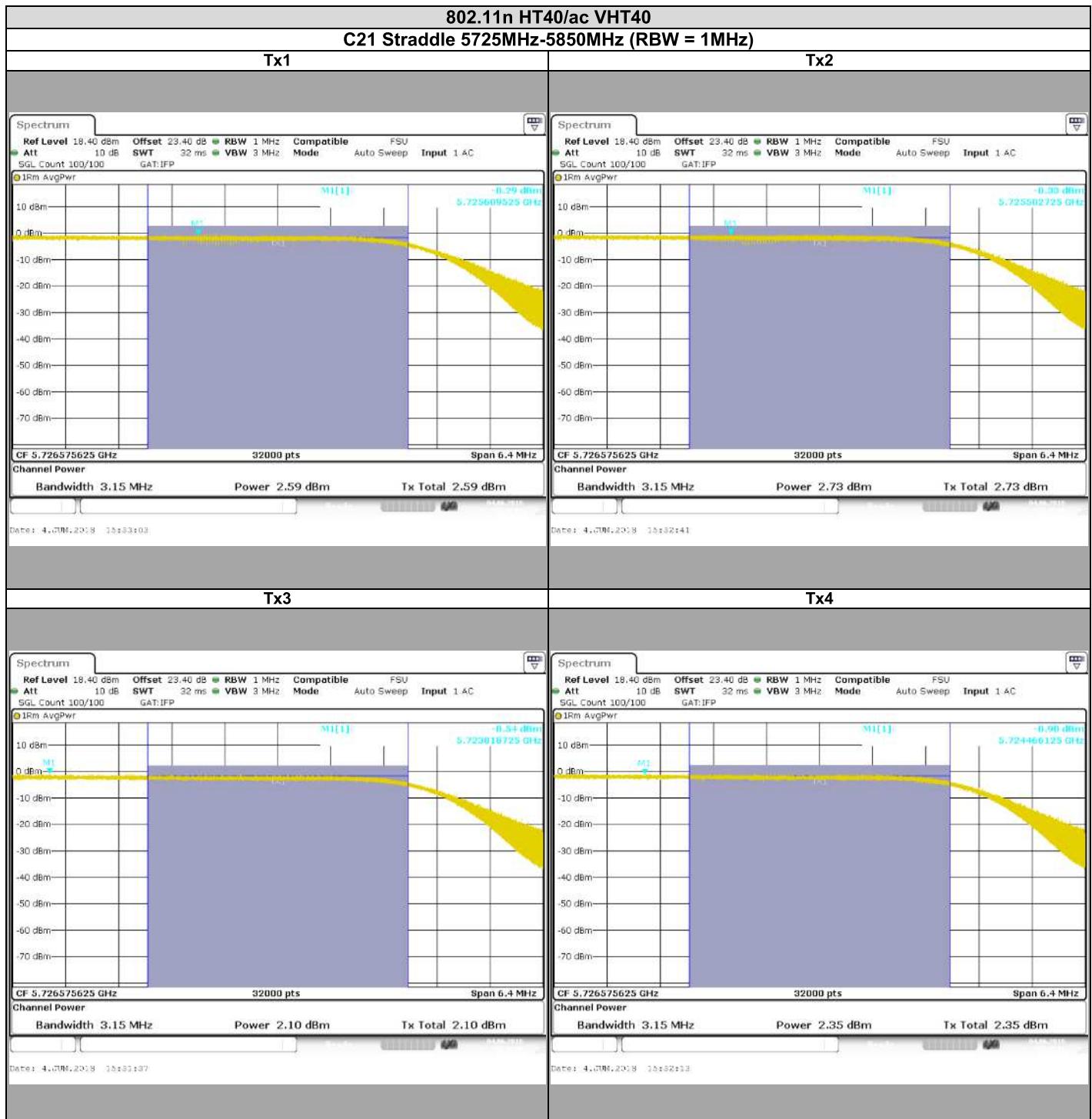
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## TEST REPORT

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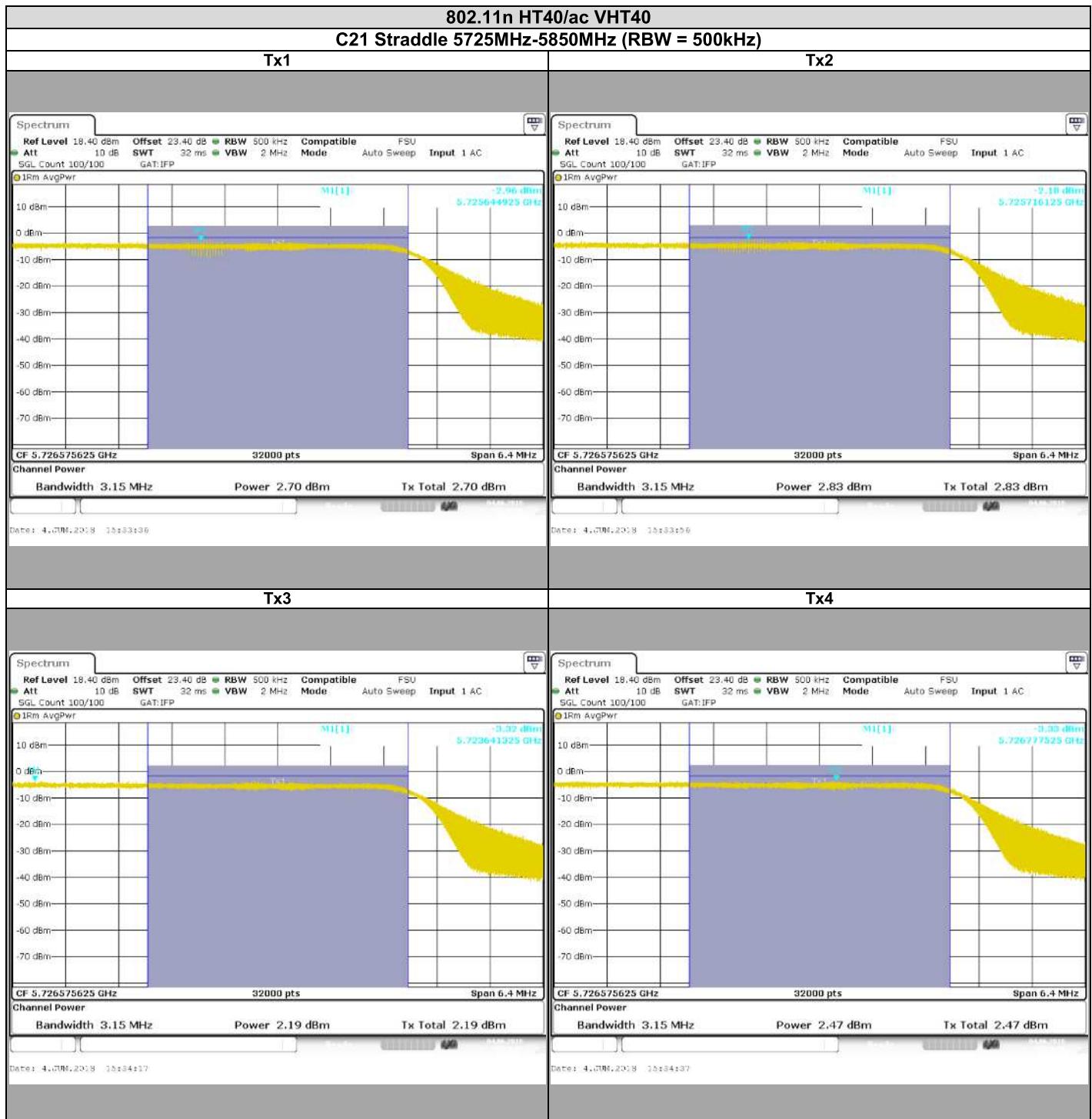
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L C I E

## 802.11n HT40/ac VHT40

C21 Straddle 5725MHz-5850MHz (RBW = 500kHz)



## TEST REPORT

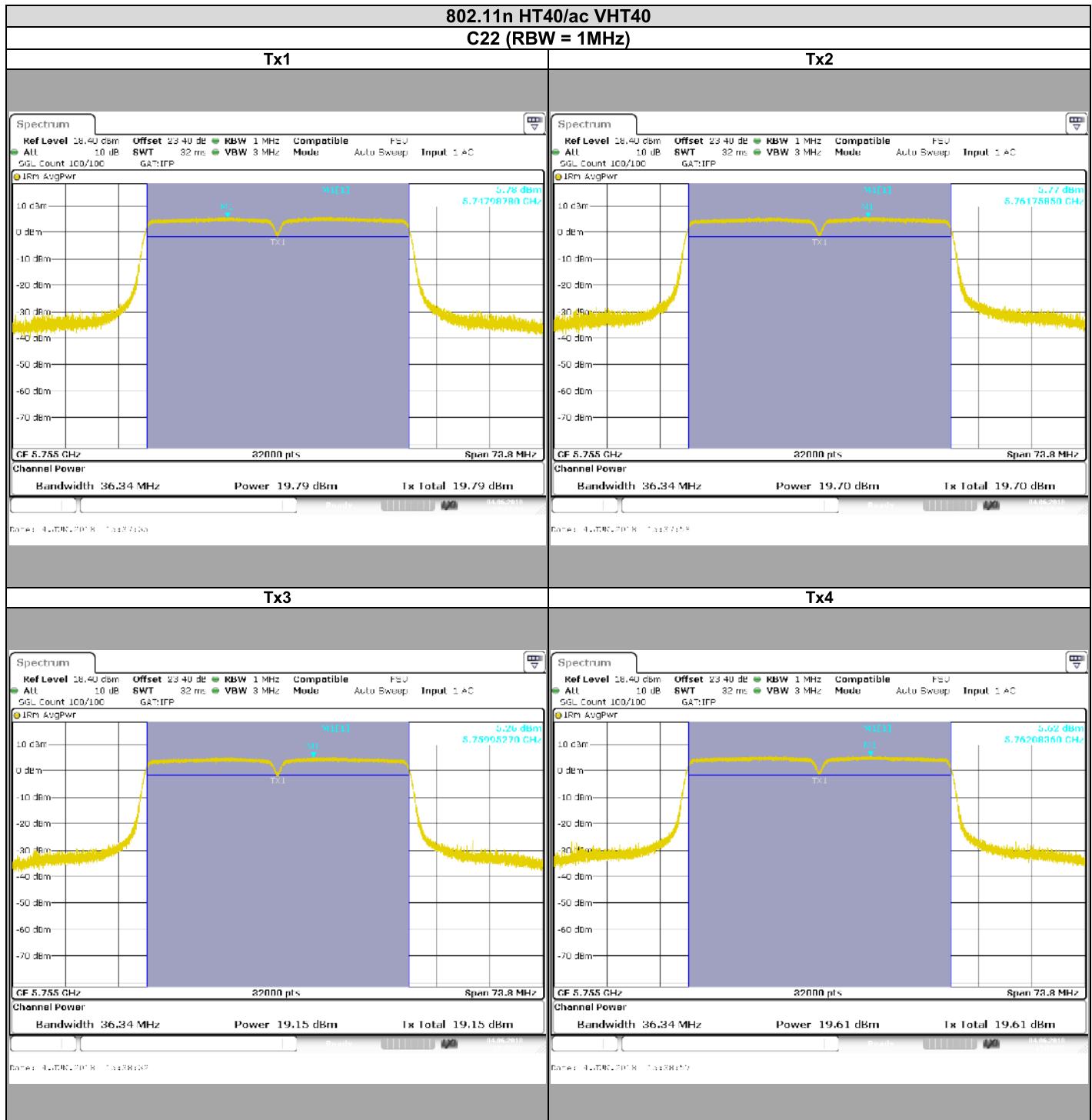
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L C I E



## TEST REPORT

N° 155636-721608-D

Version : 01

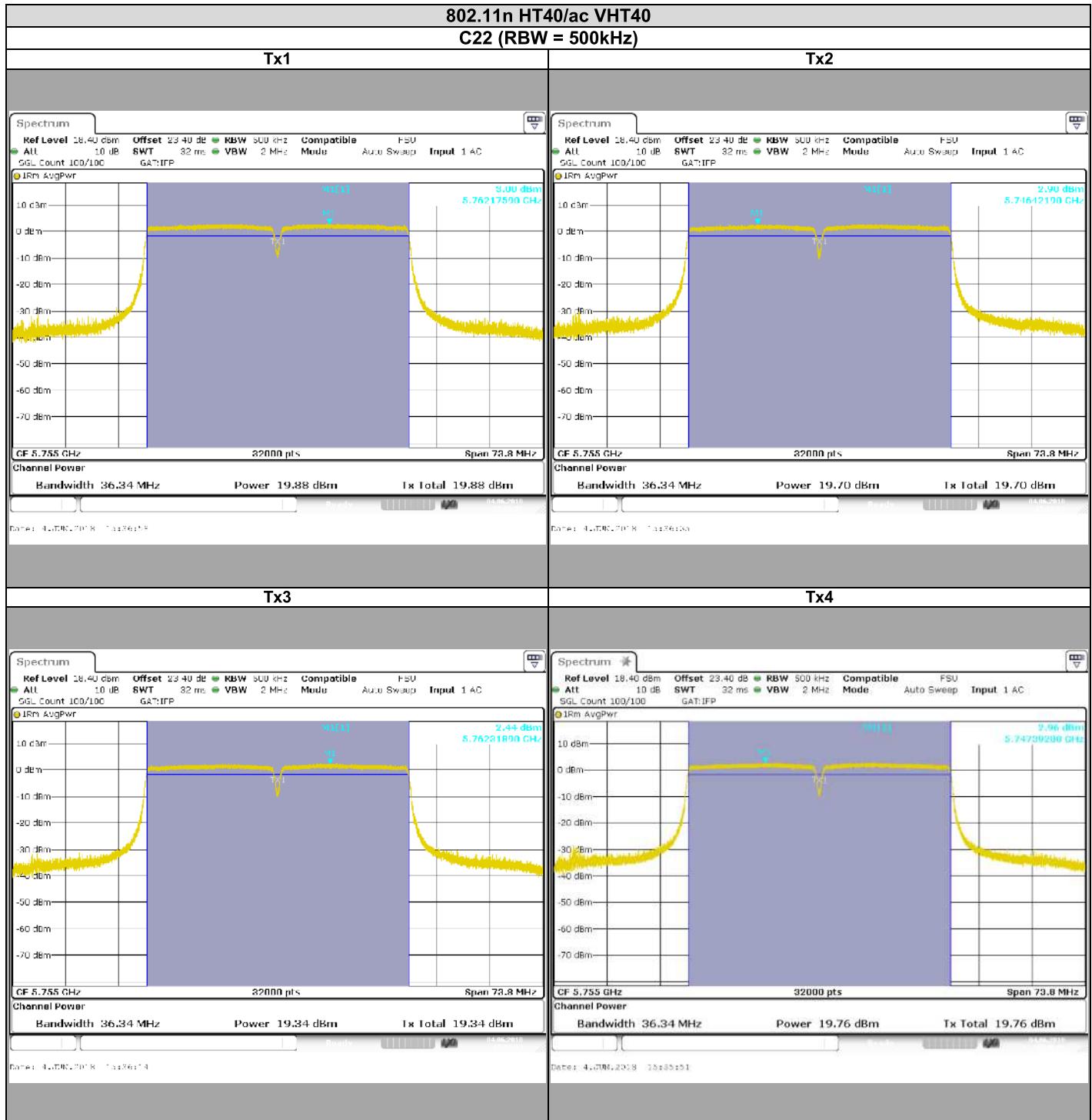
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L C I E

## 802.11n HT40/ac VHT40

C22 (RBW = 500kHz)



## TEST REPORT

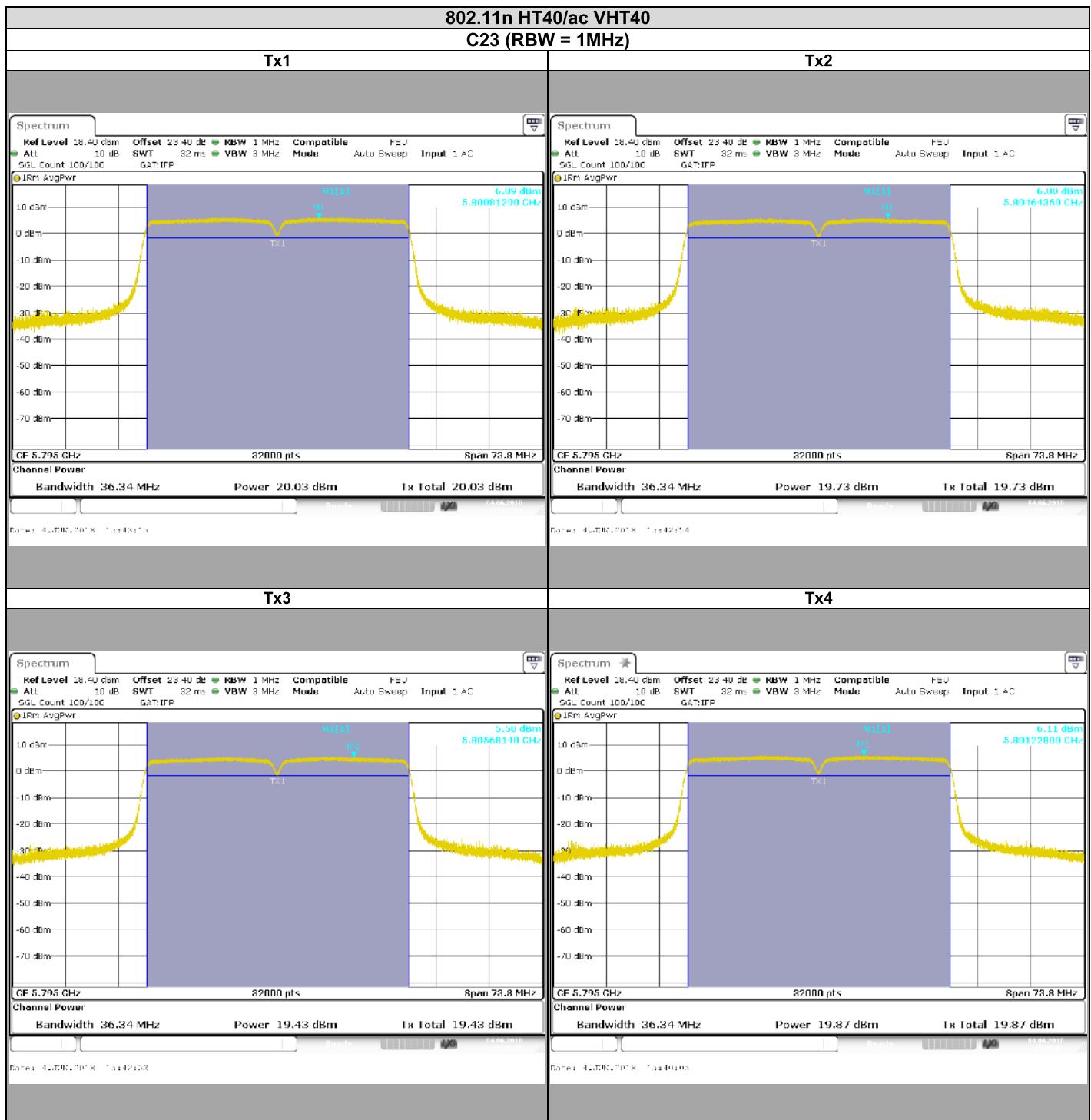
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L C I E



## TEST REPORT

N° 155636-721608-D

Version : 01

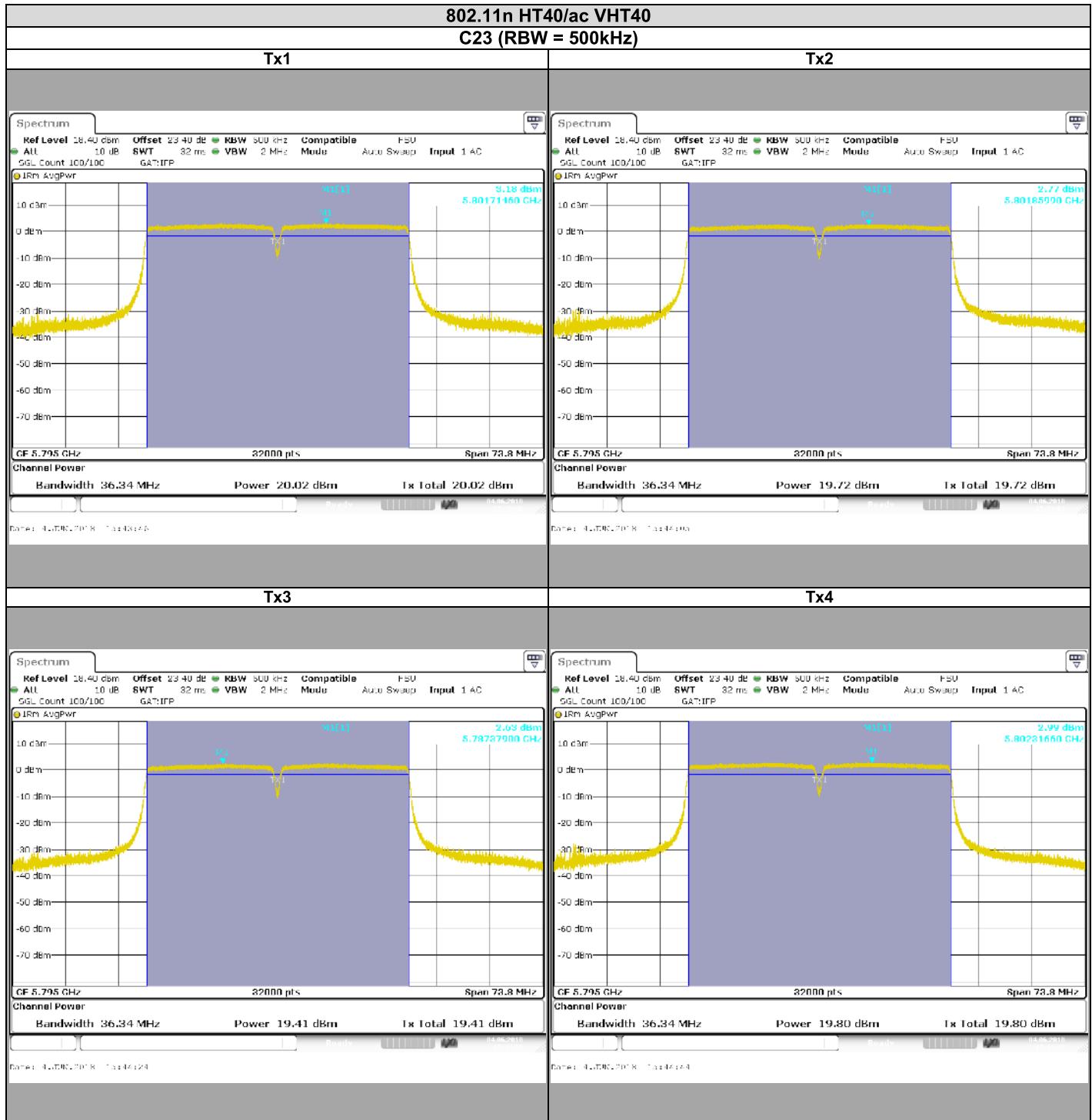
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L C I E

## 802.11n HT40/ac VHT40

C23 (RBW = 500kHz)



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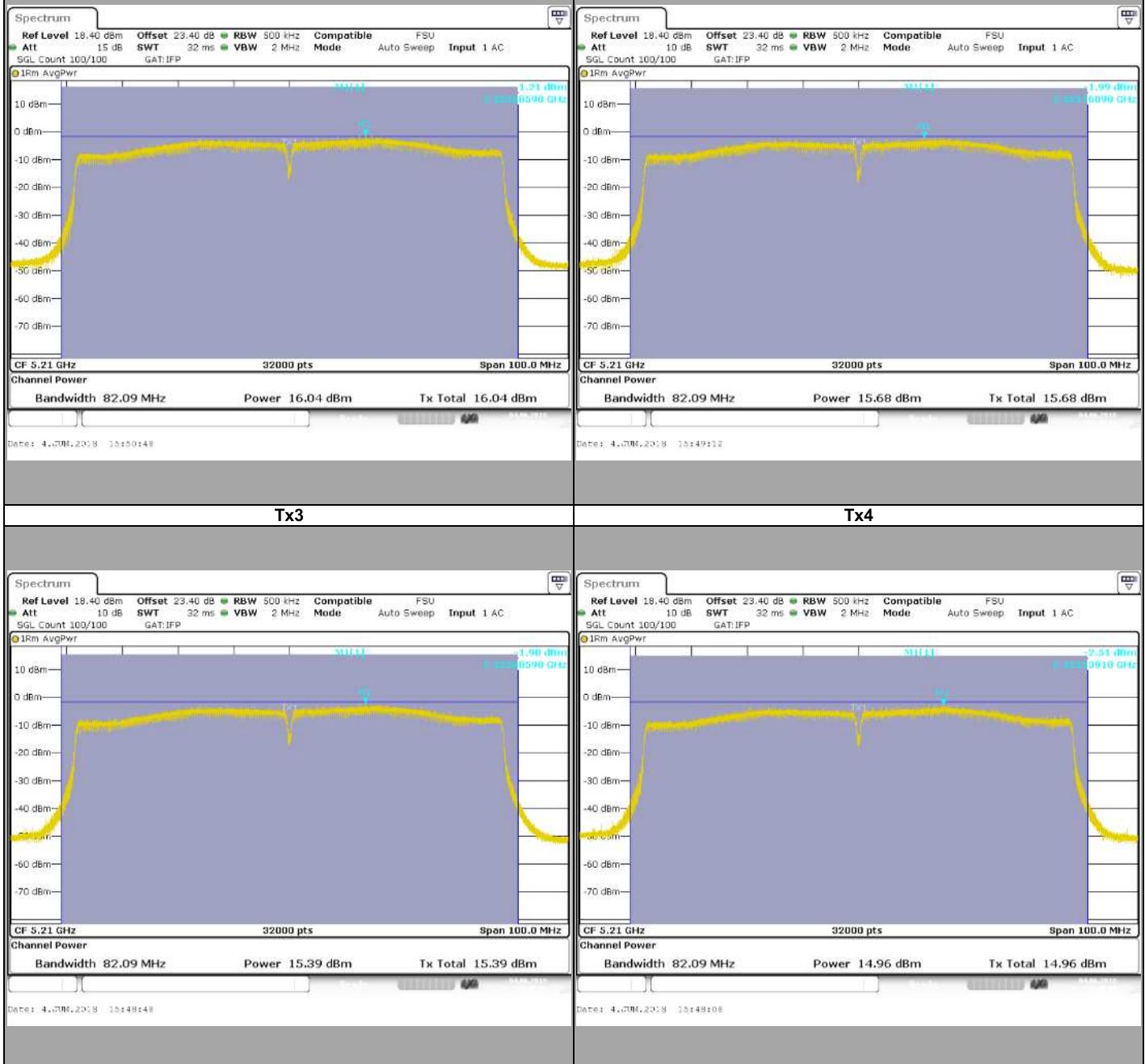
L C I E

## 802.11ac VHT80

C24

Tx1

Tx2



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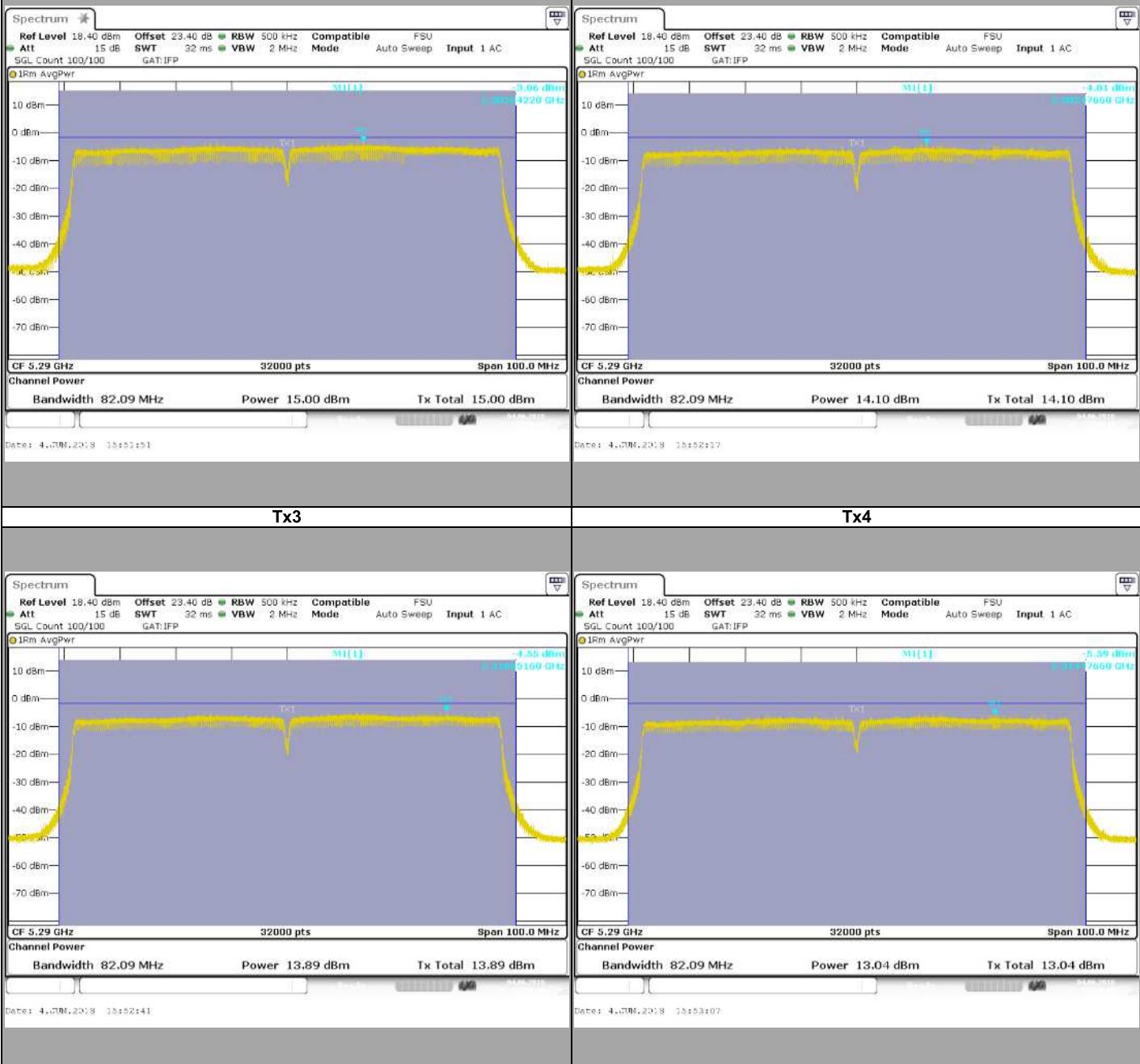
L C I E

## 802.11ac VHT80

C25

Tx1

Tx2



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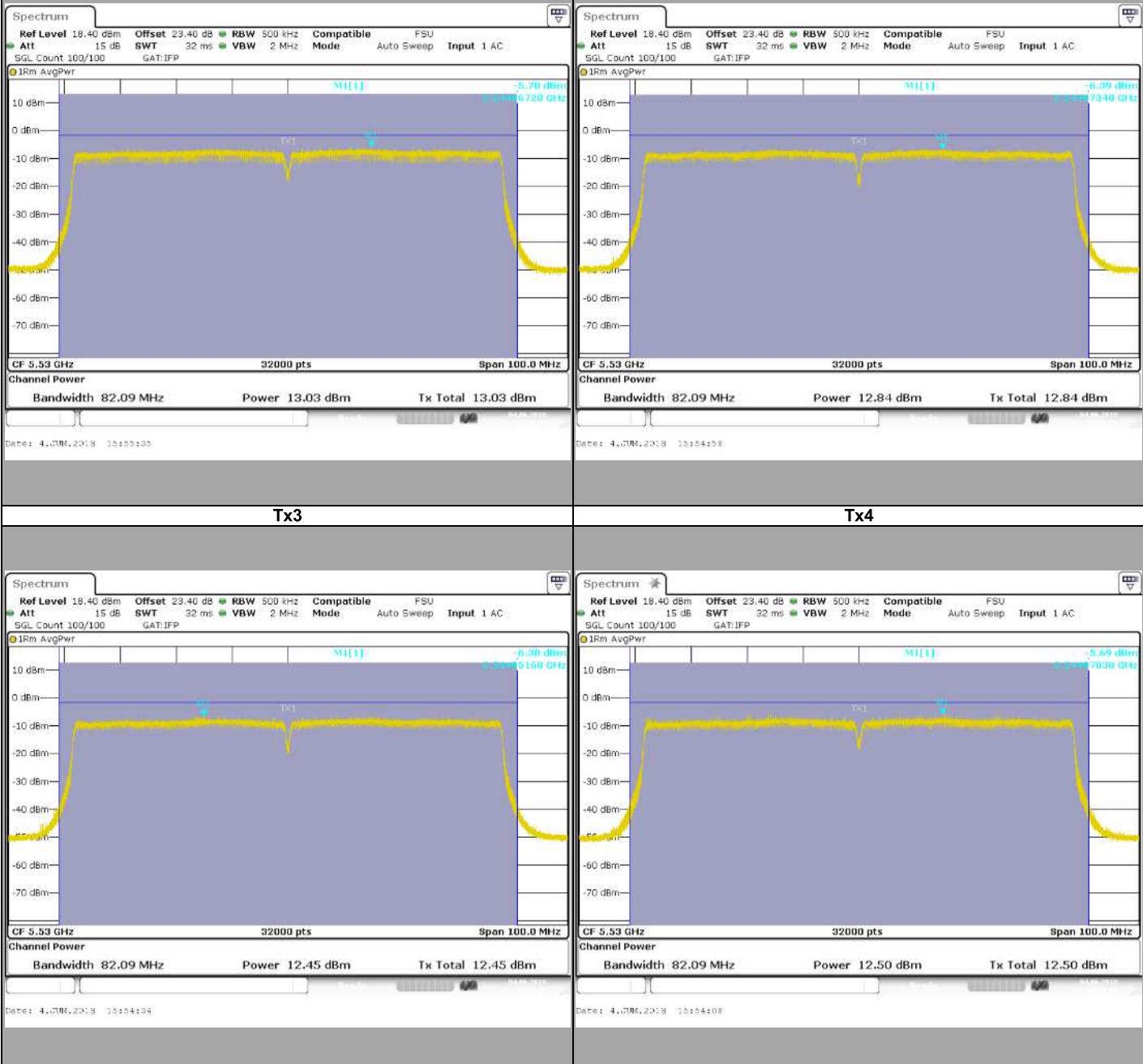
L C I E

## 802.11ac VHT80

C26

Tx1

Tx2



## TEST REPORT

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Version : 01

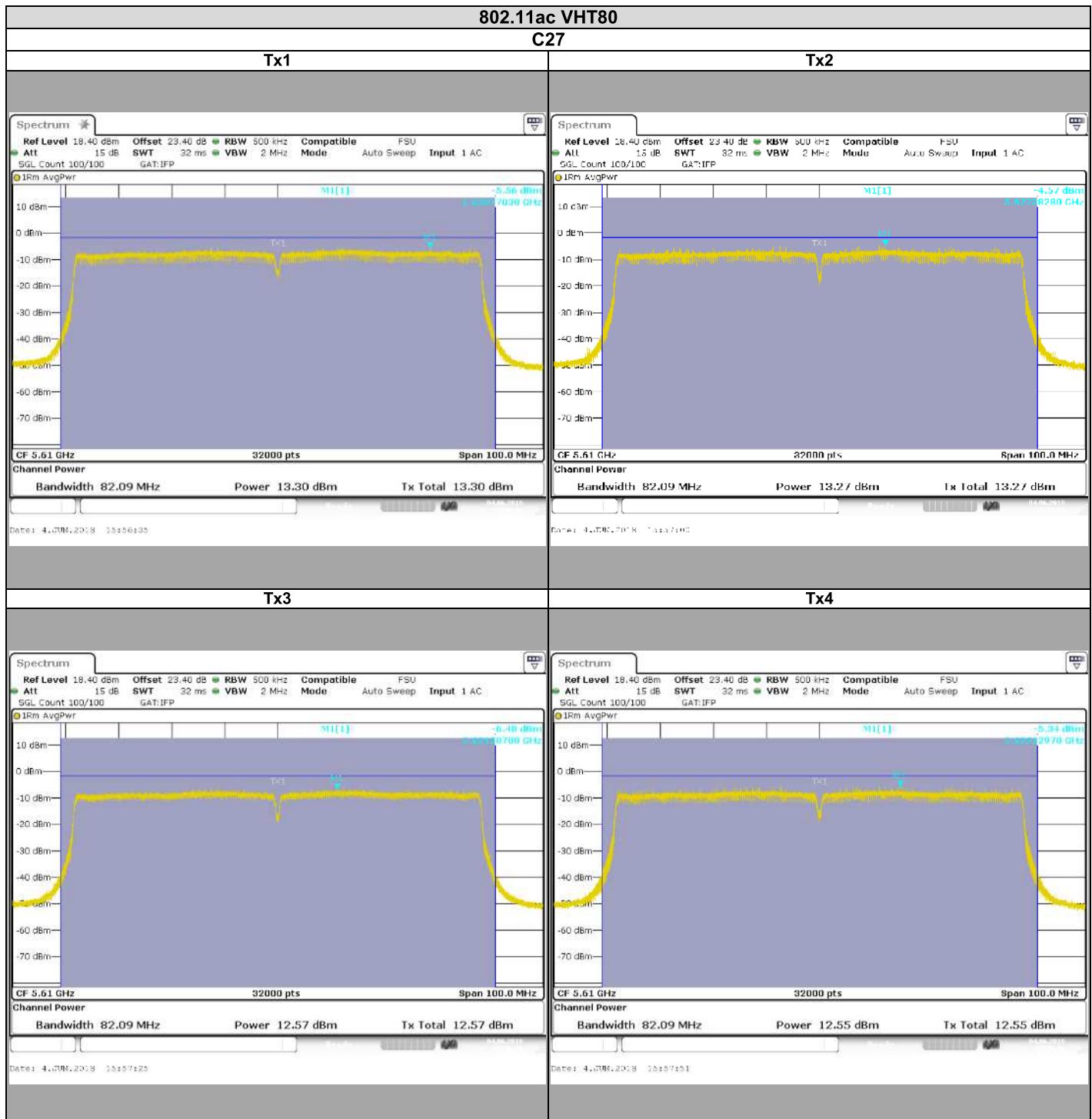
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L C I E

## 802.11ac VHT80

C27



## TEST REPORT

N° 155636-721608-D

Version : 01

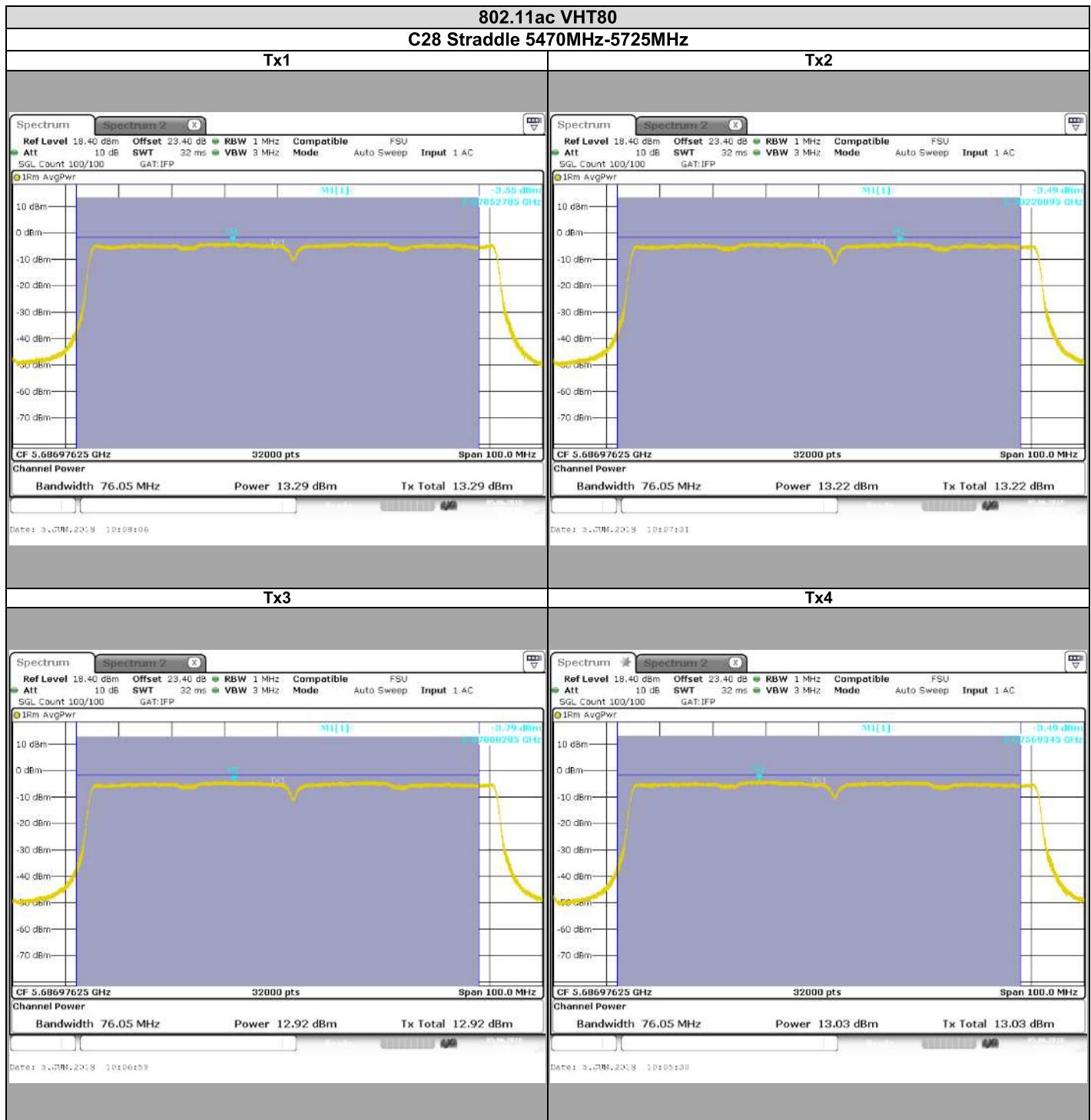
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L C I E

## 802.11ac VHT80

C28 Straddle 5470MHz-5725MHz



## TEST REPORT

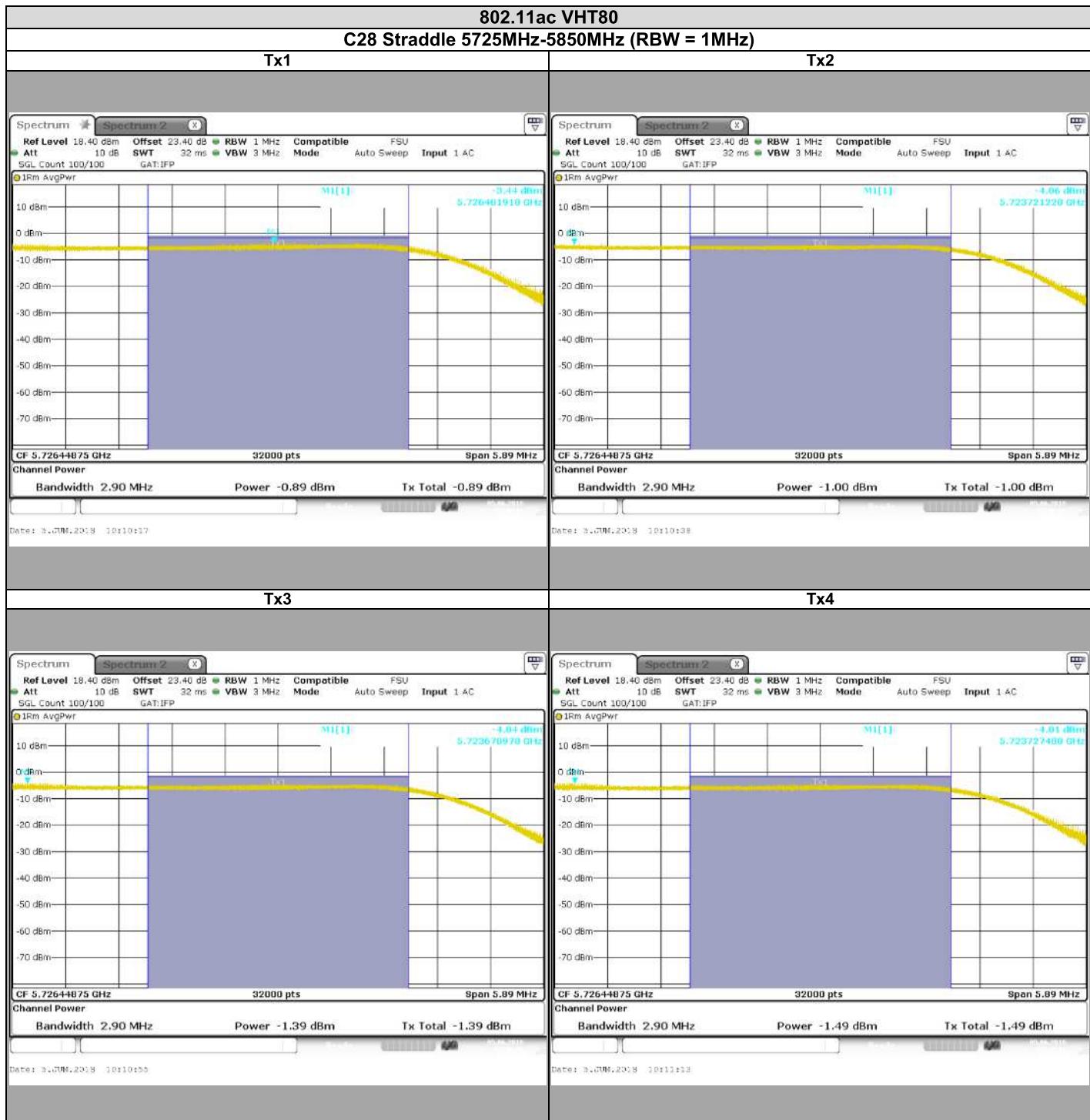
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L C I E



## TEST REPORT

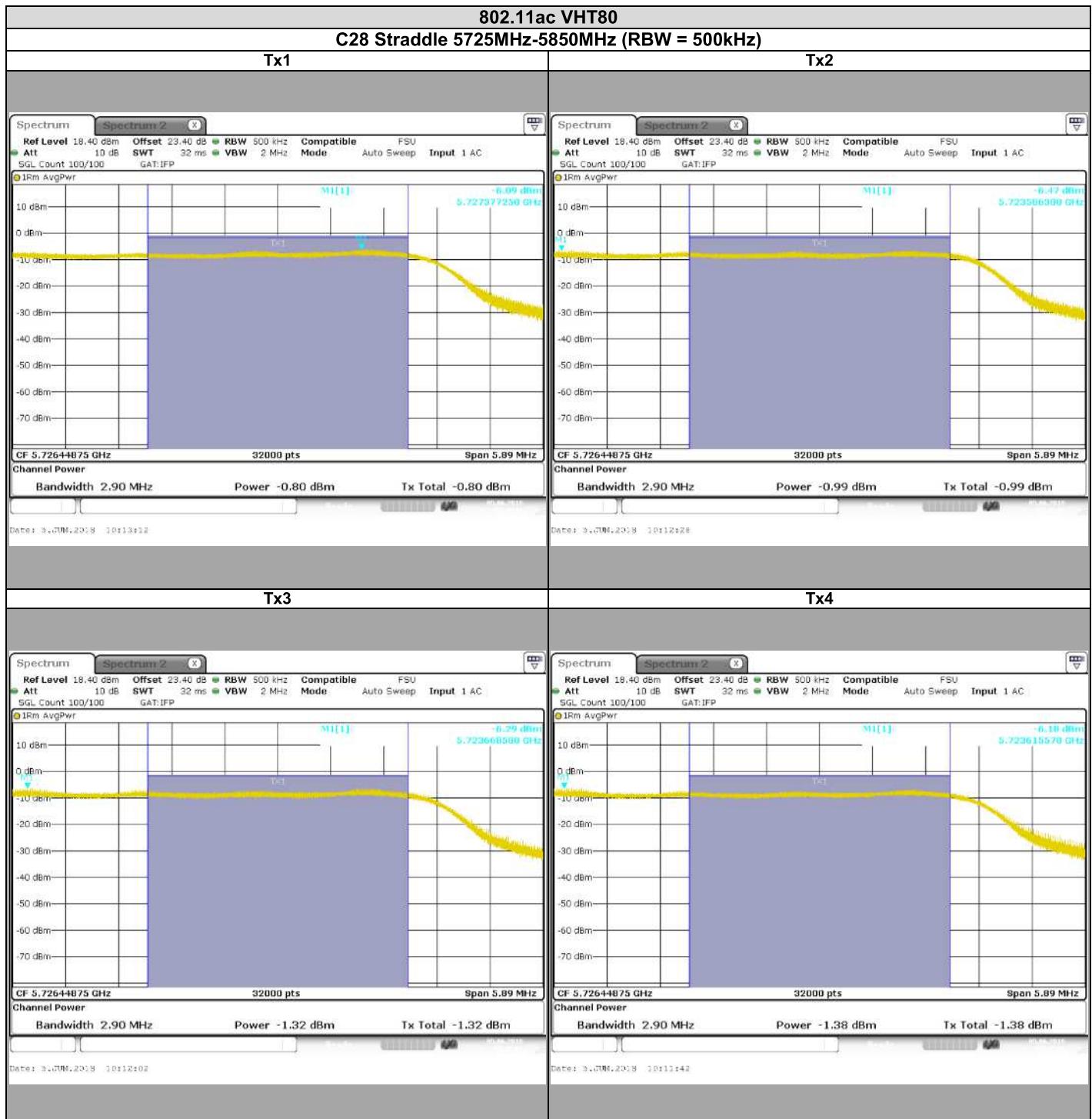
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## TEST REPORT

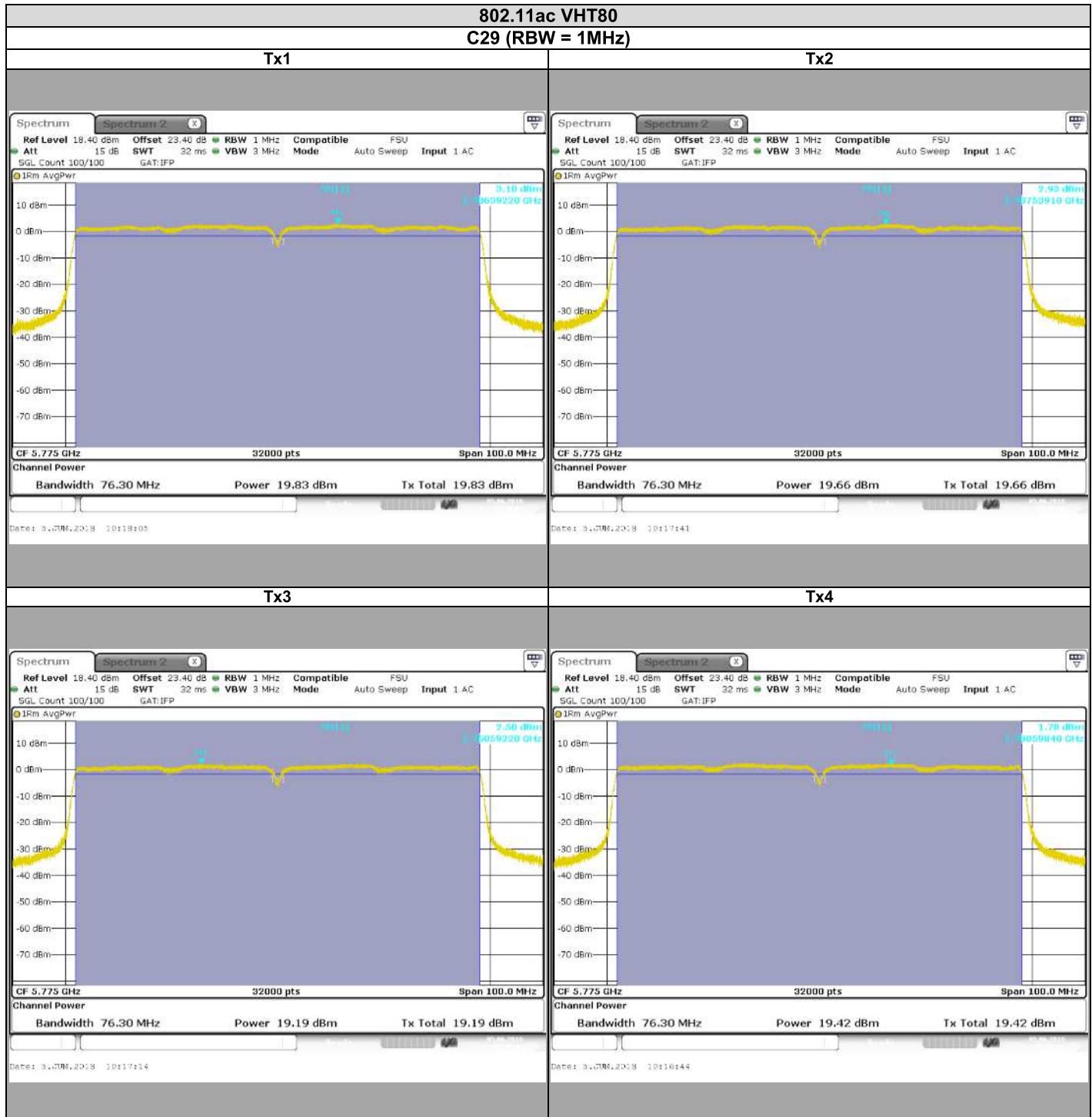
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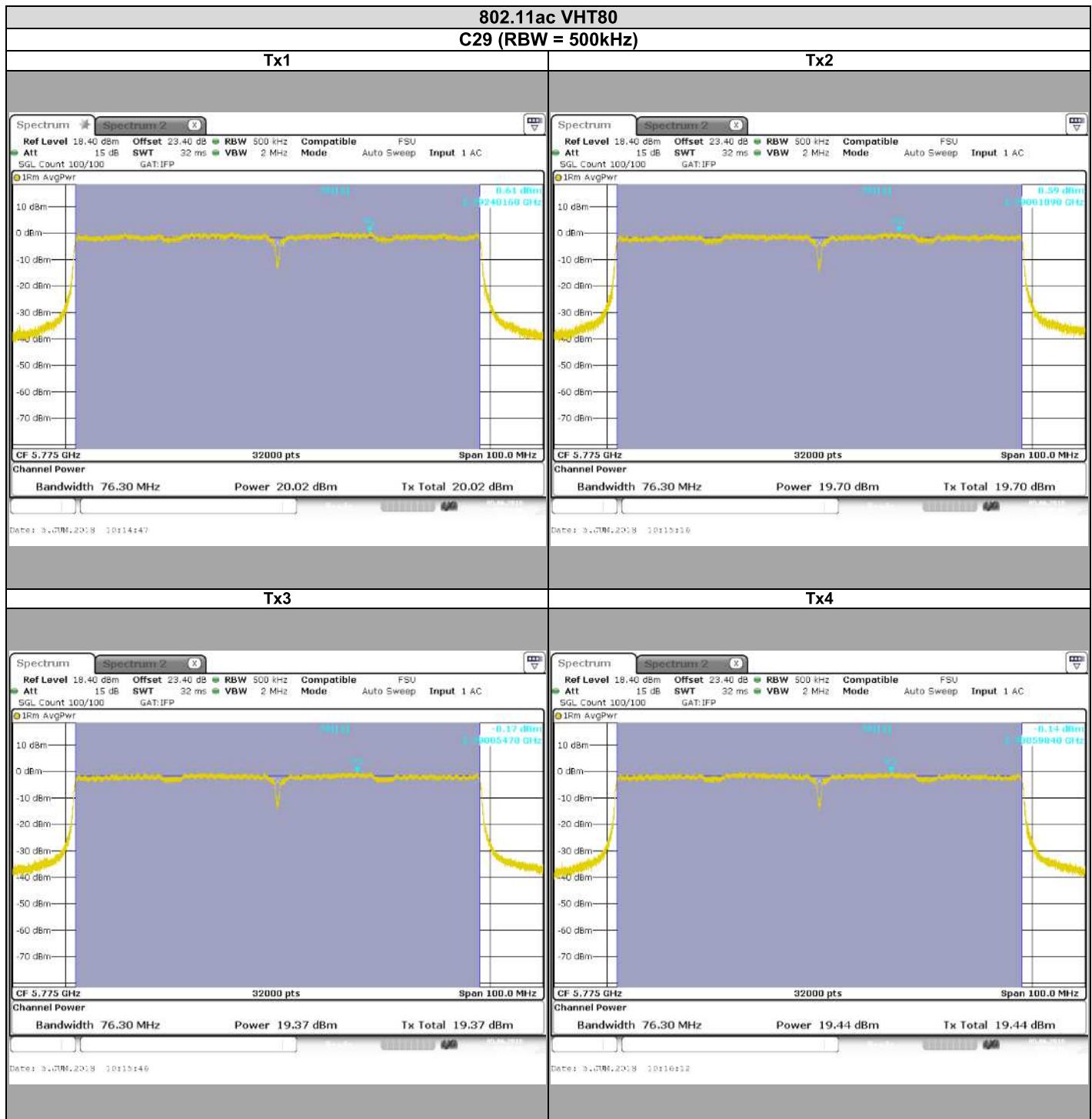
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## TEST REPORT

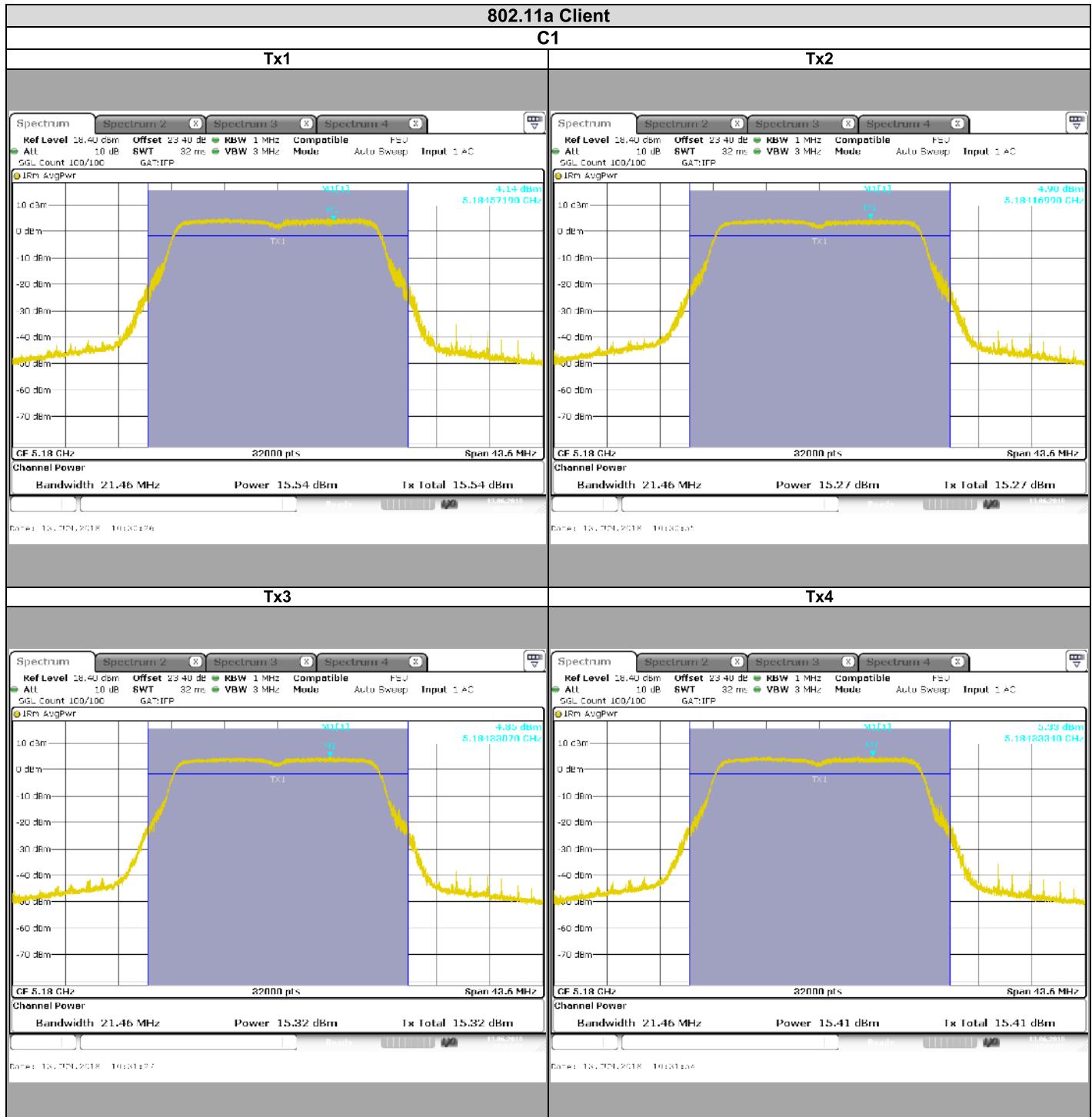
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## TEST REPORT

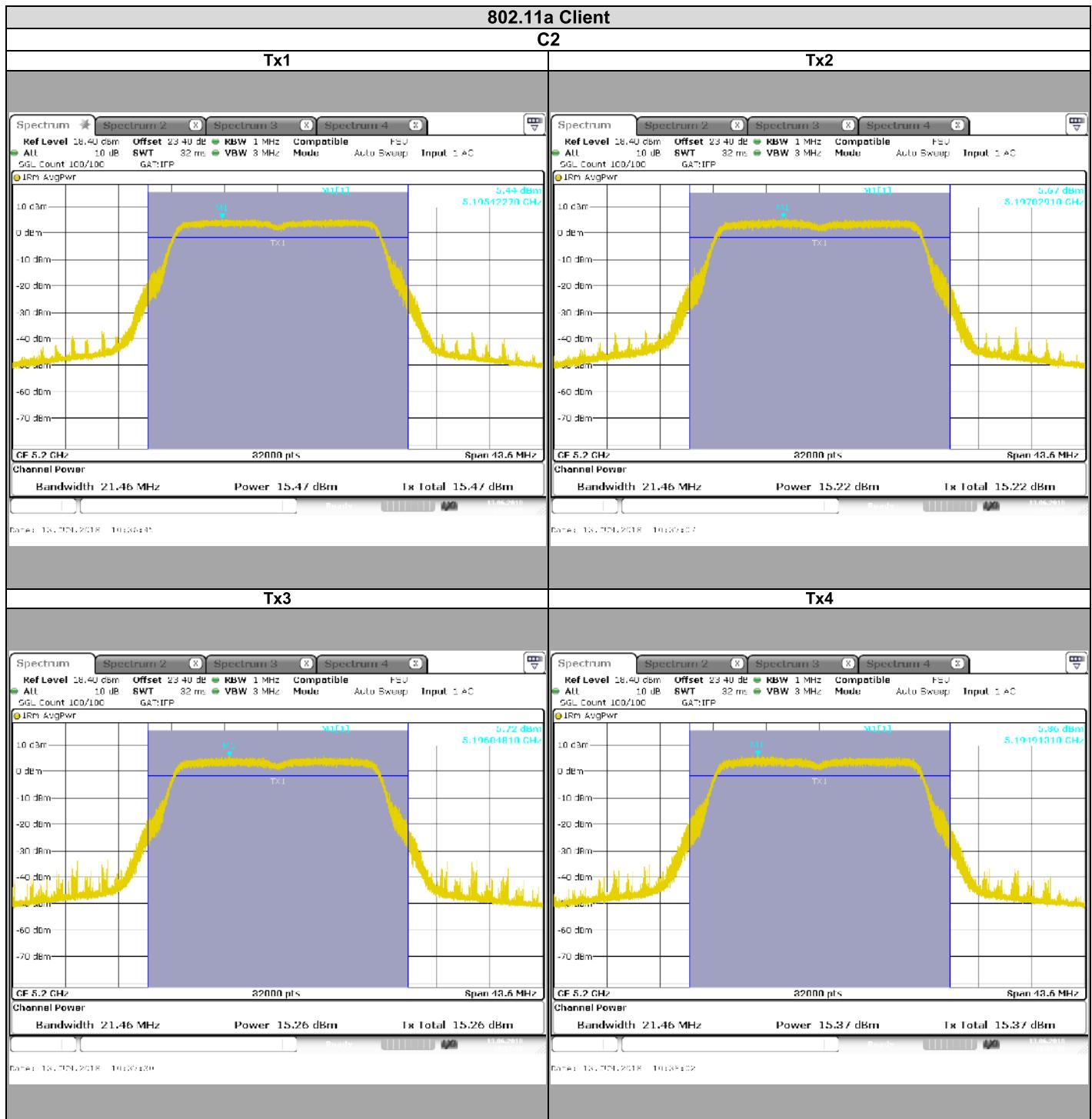
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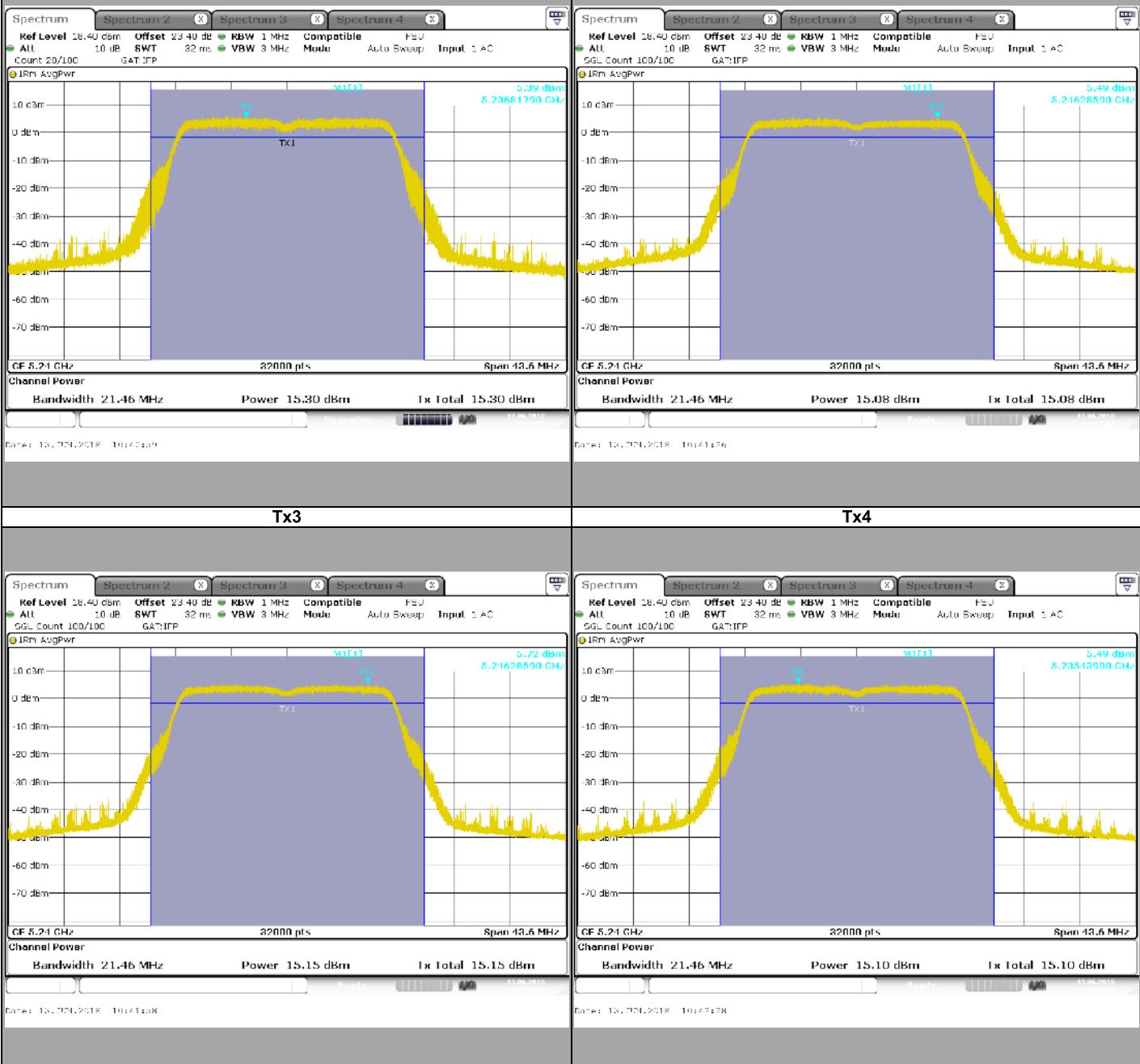
L C I E

## 802.11a Client

C3

Tx1

Tx2



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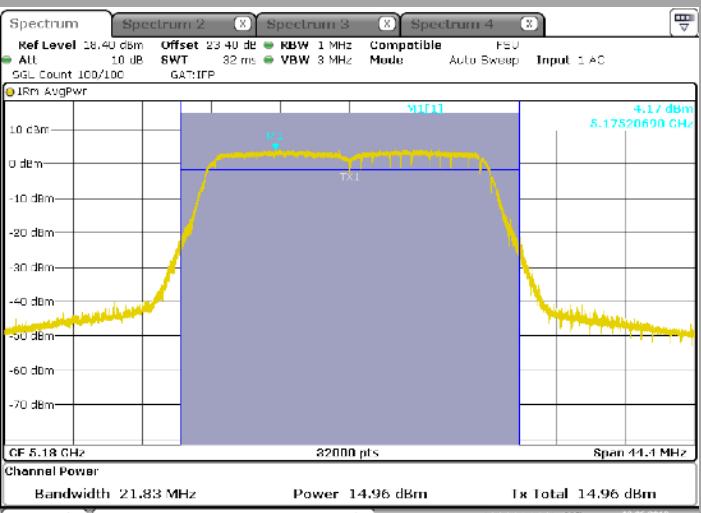
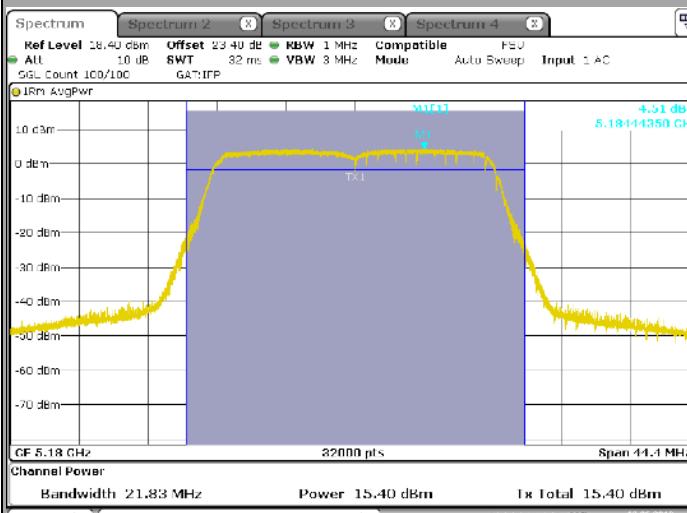
L C I E

## 802.11n HT20/ac VHT20 Client

C1

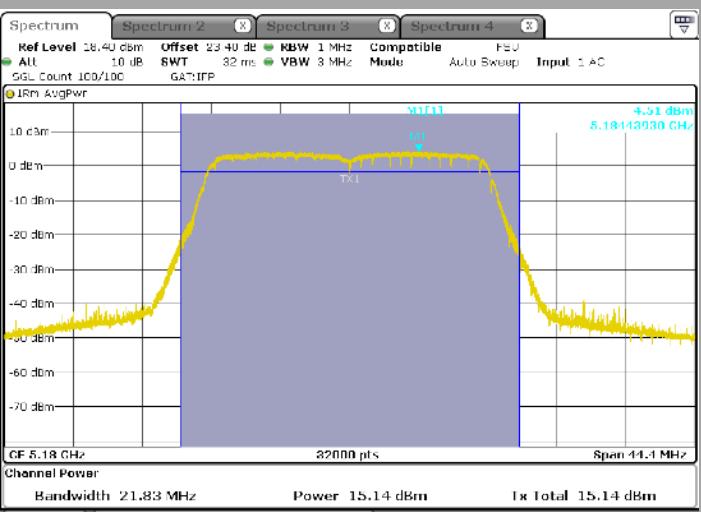
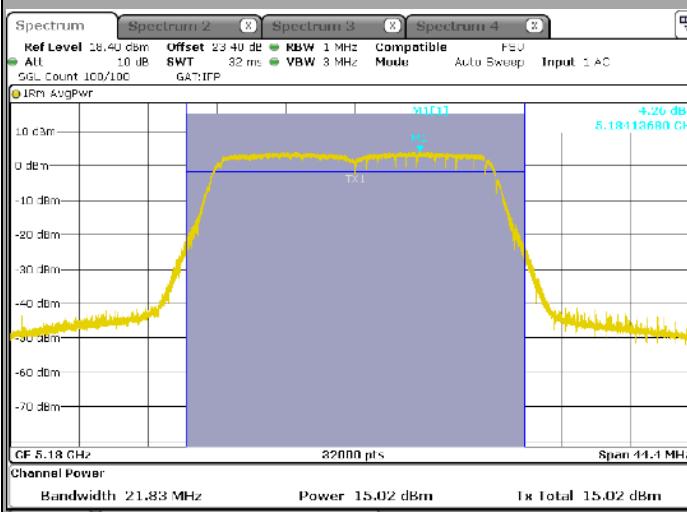
Tx1

Tx2



Tx3

Tx4



## TEST REPORT

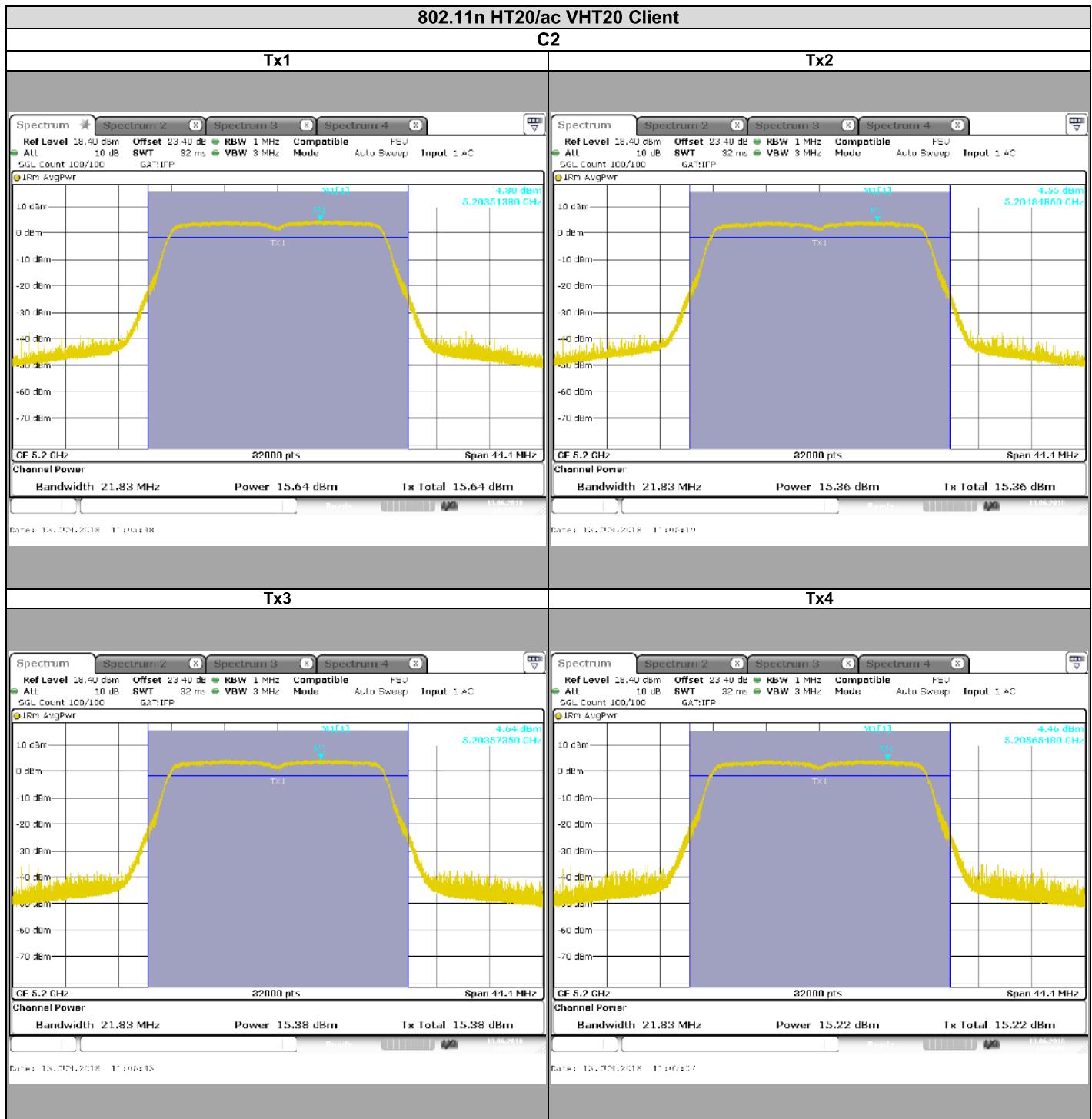
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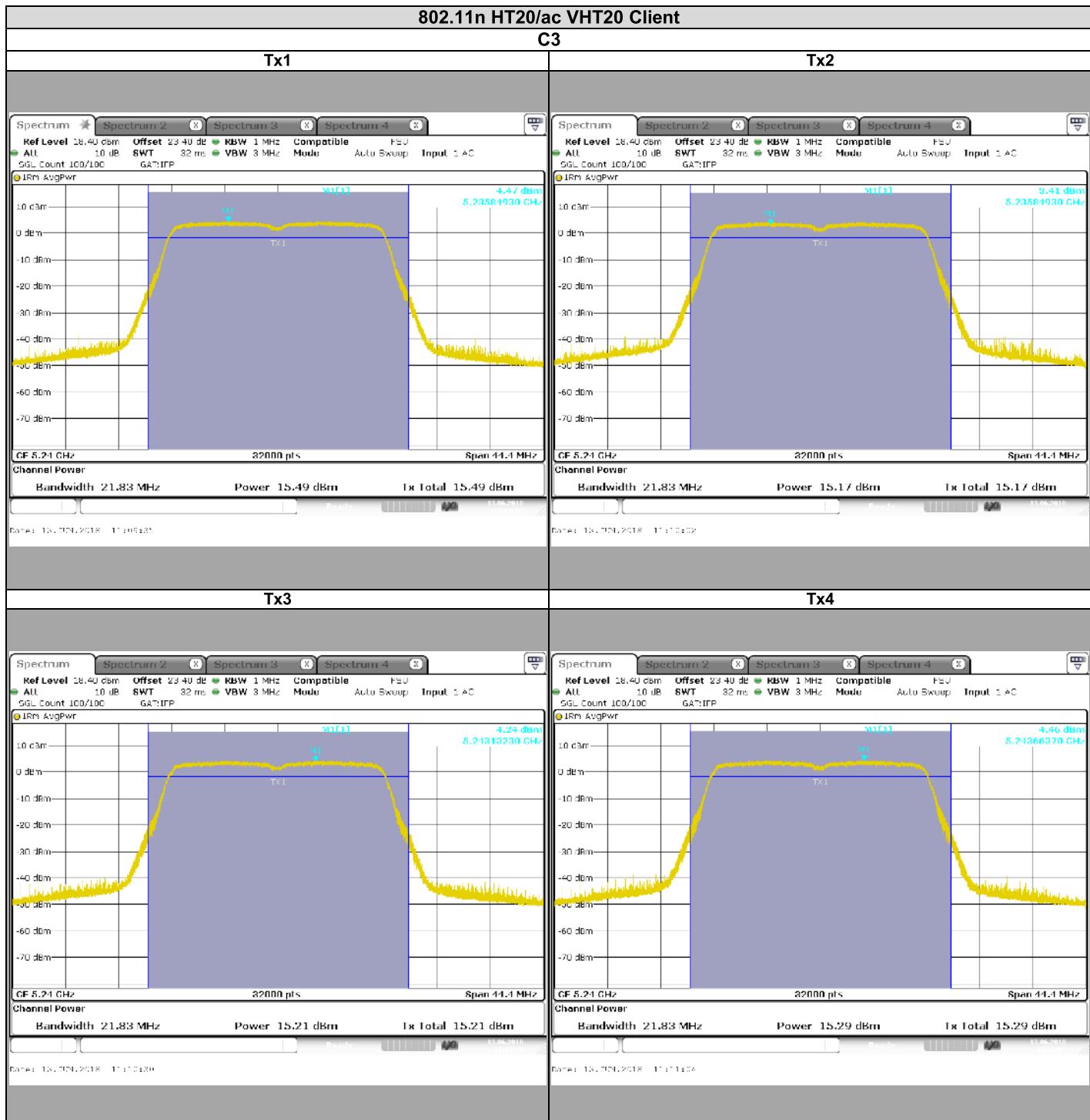


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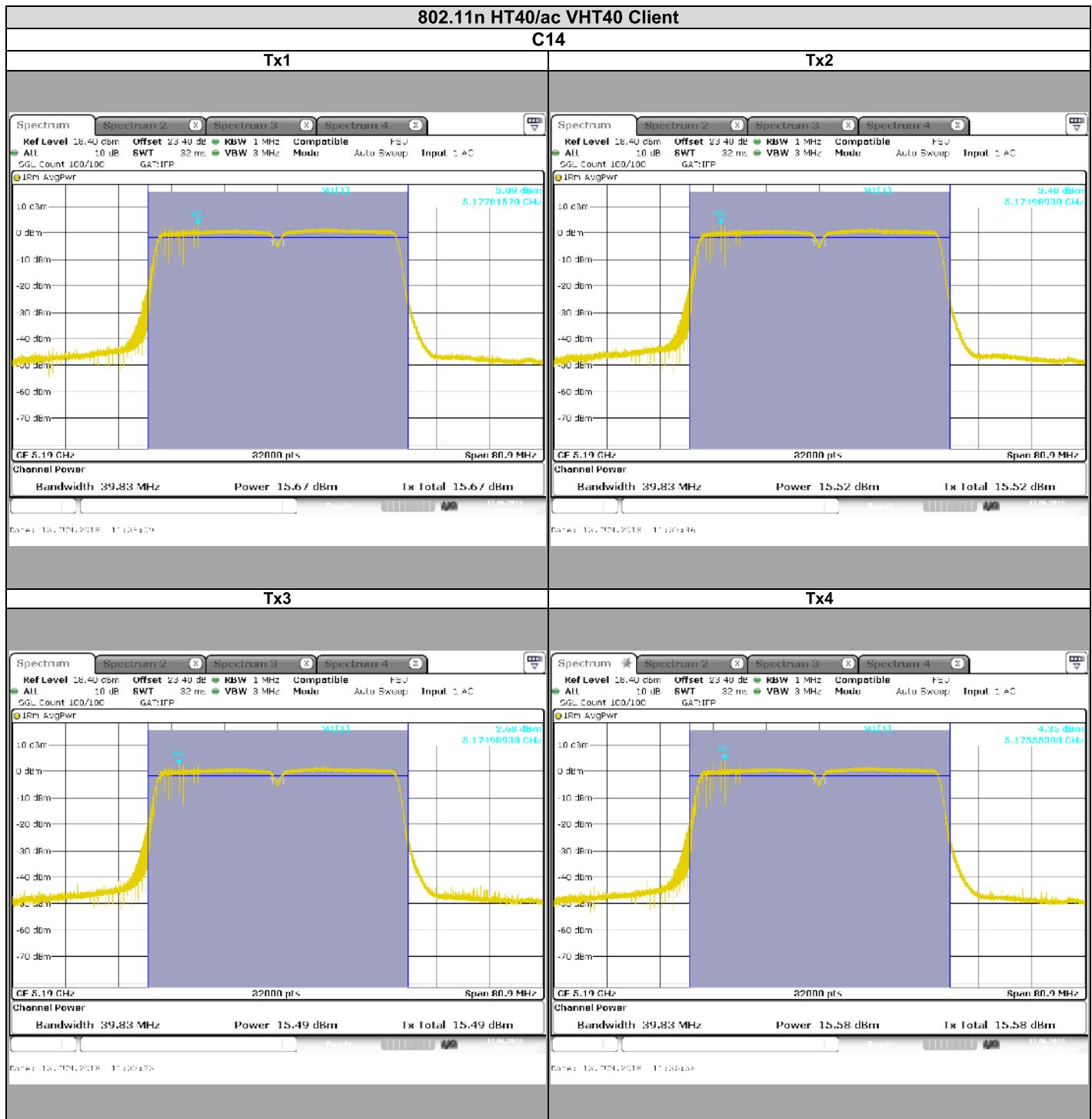
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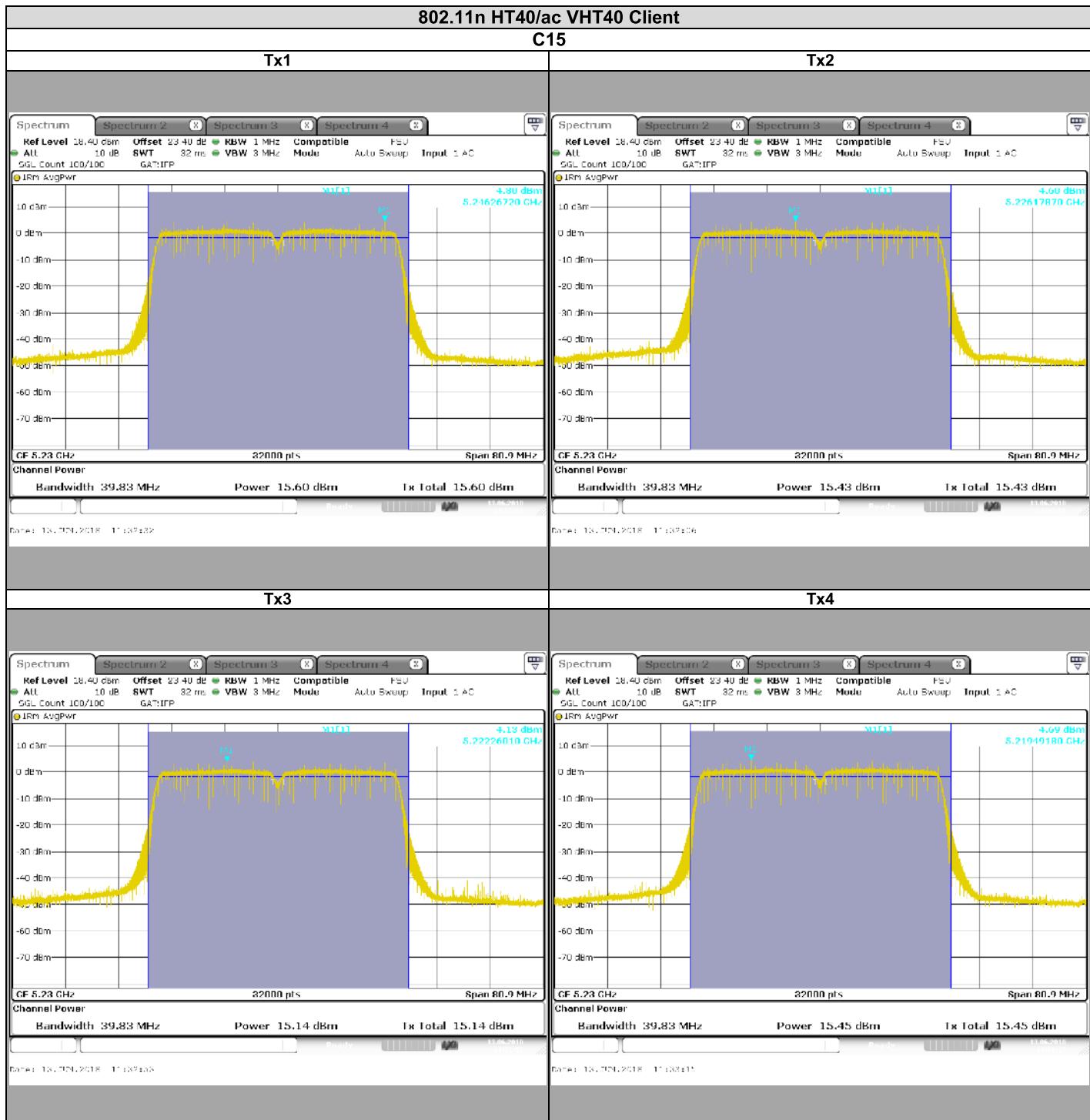
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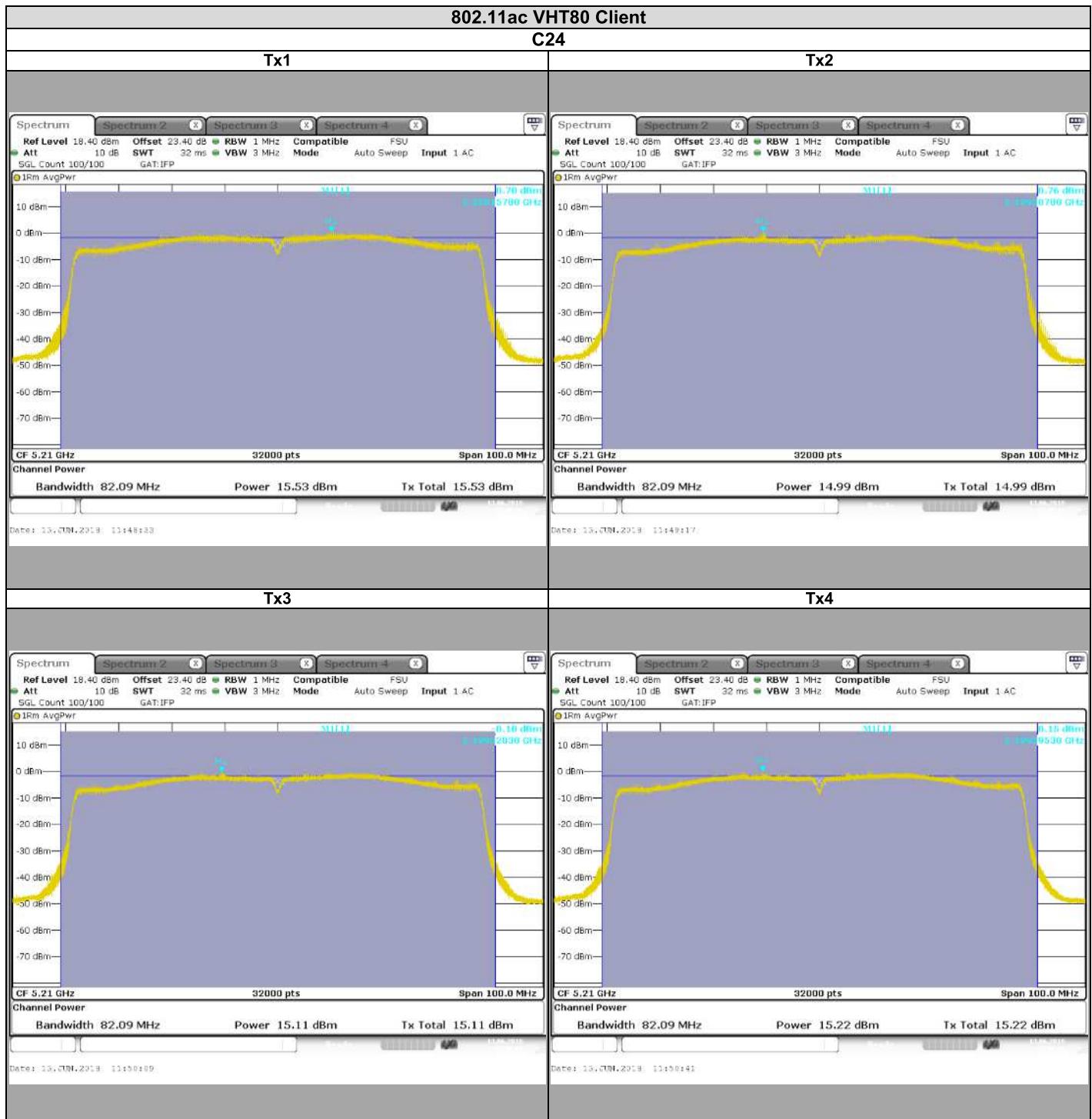
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L C I E

## 802.11ac VHT80 Client

C24



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L C I E

## Results for Master Maximum conducted power output :

802.11a

| Channel                      | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAvg (dBm) | AG (dBi) | Tx Limit FCC (dBm) | Tx EIRP (dBm) | TPC requirement   |
|------------------------------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|---------------|-------------------|
| C1                           | 19,72     | 19,27     | 18,83     | 18,39     | 25,1        | 7,6      | 28,4 AP            | 32,7          |                   |
| C2                           | 20,25     | 19,78     | 19,6      | 19,28     | 25,8        | 7,6      | 28,4 AP            | 33,4          |                   |
| C3                           | 20,51     | 20,04     | 19,42     | 19,12     | 25,8        | 7,6      | 28,4 AP            | 33,4          |                   |
| C4                           | 14,29     | 14,06     | 13,73     | 13,22     | 19,9        | 7,6      | 22,4               | 27,5          | TPC si EIRP>27dBm |
| C5                           | 14,8      | 14,22     | 13,9      | 13,19     | 20,1        | 7,6      | 22,4               | 27,7          | TPC si EIRP>27dBm |
| C6                           | 14,45     | 14,1      | 13,77     | 13,05     | 19,9        | 7,6      | 22,4               | 27,5          | TPC si EIRP>27dBm |
| C7                           | 13,05     | 13,21     | 13,01     | 12,36     | 18,9        | 8,65     | 21,35              | 27,6          | TPC si EIRP>27dBm |
| C8                           | 12,9      | 12,8      | 12,75     | 12,11     | 18,7        | 8,65     | 21,35              | 27,3          | TPC si EIRP>27dBm |
| C9                           | 12,56     | 12,46     | 12,07     | 11,99     | 18,3        | 8,65     | 21,35              | 26,9          | TPC si EIRP>27dBm |
| C10 Straddle 5470MHz-5725MHz | 12,11     | 12,09     | 11,81     | 11,58     | 17,9        | 8,65     | 21,35              | 26,6          | TPC si EIRP>27dBm |
| C10 Straddle 5725MHz-5850MHz | 4,86      | 4,52      | 4,63      | 5,12      | 10,8        | 8,65     | 27,35              | 19,5          | TPC si EIRP>27dBm |
| C11                          | 19,81     | 19,71     | 19,07     | 19,35     | 25,5        | 8,65     | 27,35              |               |                   |
| C12                          | 19,81     | 19,61     | 19,09     | 19,52     | 25,5        | 8,65     | 27,35              |               |                   |
| C13                          | 19,88     | 19,64     | 19,4      | 19,8      | 25,7        | 8,65     | 27,35              |               |                   |

802.11n HT20/ac VHT20

| Channel                      | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAvg (dBm) | AG (dBi) | Tx Limit FCC (dBm) | Tx EIRP (dBm) | EIRP Limit FCC (dBm) |
|------------------------------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|---------------|----------------------|
| C1                           | 19,74     | 19,02     | 18,42     | 17,93     | 24,9        | 7,6      | 28,4 AP            | 32,5          |                      |
| C2                           | 20,82     | 20,25     | 19,78     | 19,74     | 26,2        | 7,6      | 28,4 AP            | 33,8          |                      |
| C3                           | 20,7      | 20,28     | 19,83     | 19,57     | 26,1        | 7,6      | 28,4 AP            | 33,7          |                      |
| C4                           | 14,48     | 14,3      | 13,8      | 13,32     | 20,0        | 7,6      | 22,4               | 27,6          | TPC si EIRP>27dBm    |
| C5                           | 14,64     | 14,4      | 14,03     | 13,13     | 20,1        | 7,6      | 22,4               | 27,7          | TPC si EIRP>27dBm    |
| C6                           | 14,51     | 14,16     | 13,87     | 13,31     | 20,0        | 7,6      | 22,4               | 27,6          | TPC si EIRP>27dBm    |
| C7                           | 13,31     | 13,49     | 13,02     | 12,67     | 19,2        | 8,65     | 21,35              | 27,8          | TPC si EIRP>27dBm    |
| C8                           | 13,44     | 13,26     | 13,09     | 12,59     | 19,1        | 8,65     | 21,35              | 27,8          | TPC si EIRP>27dBm    |
| C9                           | 13,18     | 13,13     | 13,04     | 12,89     | 19,1        | 8,65     | 21,35              | 27,7          | TPC si EIRP>27dBm    |
| C10 Straddle 5470MHz-5725MHz | 12,33     | 11,95     | 11,63     | 11,61     | 17,9        | 8,65     | 21,35              | 26,6          | TPC si EIRP>27dBm    |
| C10 Straddle 5725MHz-5850MHz | 6,18      | 5,96      | 5,75      | 5,65      | 11,9        | 8,65     | 27,35              | 20,6          | TPC si EIRP>27dBm    |
| C11                          | 19,9      | 19,36     | 19,02     | 19,27     | 25,4        | 8,65     | 27,35              |               |                      |
| C12                          | 19,99     | 19,41     | 19,05     | 19,68     | 25,6        | 8,65     | 27,35              |               |                      |
| C13                          | 19,76     | 19,39     | 19,04     | 19,77     | 25,5        | 8,65     | 27,35              |               |                      |



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## 802.11n HT40/ac VHT40

| Channel                      | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAII (dBm) | AG (dBi) | Tx Limit FCC (dBm) | Tx EIRP (dBm) | EIRP Limit FCC (dBm) |
|------------------------------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|---------------|----------------------|
| C14                          | 16,72     | 16,15     | 15,56     | 15,22     | 22,0        | 7,6      | 28,4 AP            | 29,6          |                      |
| C15                          | 21,08     | 20,28     | 19,9      | 19,56     | 26,3        | 7,6      | 28,4 AP            | 33,9          |                      |
| C16                          | 14,96     | 14,57     | 14,1      | 13,44     | 20,3        | 7,6      | 22,4               | 27,9          | TPC si EIRP>27dBm    |
| C17                          | 15,58     | 15        | 14,43     | 13,69     | 20,8        | 7,6      | 22,4               | 28,4          | TPC si EIRP>27dBm    |
| C18                          | 13,73     | 13,61     | 13,26     | 13,16     | 19,5        | 8,65     | 21,35              | 28,1          | TPC si EIRP>27dBm    |
| C19                          | 13,65     | 13,54     | 13,17     | 12,76     | 19,3        | 8,65     | 21,35              | 28,0          | TPC si EIRP>27dBm    |
| C20                          | 13,47     | 13,47     | 13,56     | 13,43     | 19,5        | 8,65     | 21,35              | 28,2          | TPC si EIRP>27dBm    |
| C21 Straddle 5470MHz-5725MHz | 13,09     | 13,07     | 12,59     | 12,9      | 18,9        | 8,65     | 21,35              | 27,6          | TPC si EIRP>27dBm    |
| C21 Straddle 5725MHz-5850MHz | 2,59      | 2,73      | 2,1       | 2,35      | 8,5         | 8,65     | 27,35              | 17,1          | TPC si EIRP>27dBm    |
| C22                          | 19,79     | 19,7      | 19,15     | 19,61     | 25,6        | 8,65     | 27,35              |               |                      |
| C23                          | 20,03     | 19,73     | 19,43     | 19,87     | 25,8        | 8,65     | 27,35              |               |                      |

## 802.11ac VHT80

| Channel                      | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAII (dBm) | AG (dBi) | Tx Limit FCC (dBm) | Tx EIRP (dBm) | EIRP Limit FCC (dBm) |
|------------------------------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|---------------|----------------------|
| C24                          | 16,04     | 15,68     | 15,39     | 14,96     | 21,6        | 7,6      | 28,4 AP            | 29,2          |                      |
| C25                          | 15        | 14,1      | 13,89     | 13,04     | 20,1        | 7,6      | 22,4               | 27,7          | TPC si EIRP>27dBm    |
| C26                          | 13,03     | 12,84     | 12,45     | 12,5      | 18,7        | 8,65     | 21,35              | 27,4          | TPC si EIRP>27dBm    |
| C27                          | 13,3      | 13,27     | 12,57     | 12,55     | 19,0        | 8,65     | 21,35              | 27,6          | TPC si EIRP>27dBm    |
| C28 Straddle 5470MHz-5725MHz | 13,29     | 13,22     | 12,92     | 13,03     | 19,1        | 8,65     | 21,35              | 27,8          | TPC si EIRP>27dBm    |
| C28 Straddle 5725MHz-5850MHz | -0,89     | -1        | -1,39     | -1,49     | 4,8         | 8,65     | 27,35              | 13,5          |                      |
| C29                          | 19,83     | 19,66     | 19,19     | 19,42     | 25,6        | 8,65     | 27,35              | 34,2          |                      |

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## Results for Master Power spectral density :

802.11a

| Channel                      | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAvg (dBm/MHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
|------------------------------|---------------|---------------|---------------|---------------|-----------------|----------|------------------------|
| C1                           | 8,95          | 8,82          | 8,08          | 7,89          | 14,5            | 7,6      | 15,4 AP                |
| C2                           | 9,54          | 9,14          | 8,78          | 8,54          | 15,0            | 7,6      | 15,4 AP                |
| C3                           | 9,67          | 9,55          | 8,63          | 8,62          | 15,2            | 7,6      | 15,4 AP                |
| C4                           | 3,49          | 3,7           | 2,93          | 3,08          | 9,3             | 7,6      | 9,4                    |
| C5                           | 3,93          | 3,66          | 3,09          | 2,68          | 9,39            | 7,6      | 9,4                    |
| C6                           | 3,62          | 3,69          | 3,04          | 2,51          | 9,3             | 7,6      | 9,4                    |
| C7                           | 2,24          | 2,47          | 2,56          | 1,68          | 8,27            | 8,65     | 8,35                   |
| C8                           | 2,55          | 2,15          | 2,47          | 1,53          | 8,2             | 8,65     | 8,35                   |
| C9                           | 2,5           | 2,08          | 1,67          | 1,57          | 8,0             | 8,65     | 8,35                   |
| C10 Straddle 5470MHz-5725MHz | 2,35          | 2,37          | 2             | 1,92          | 8,2             | 8,65     | 8,35                   |
| C10 Straddle 5725MHz-5850MHz | -0,28         | -0,56         | -1,6          | -0,94         | 5,2             | 8,65     | 27,35 (/500kHz)        |
| C11                          | 7,09          | 6,31          | 6,27          | 5,9           | 12,4            | 8,65     | 27,35 (/500kHz)        |
| C12                          | 7,1           | 6,82          | 6,1           | 6,65          | 12,7            | 8,65     | 27,35 (/500kHz)        |
| C13                          | 7,15          | 7,21          | 6,31          | 7,07          | 13,0            | 8,65     | 27,35 (/500kHz)        |

802.11n HT20/ac VHT20

| Channel                      | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAvg (dBm/MHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
|------------------------------|---------------|---------------|---------------|---------------|-----------------|----------|------------------------|
| C1                           | 8,84          | 8,08          | 7,45          | 7,04          | 13,9            | 7,6      | 15,4 AP                |
| C2                           | 9,81          | 9,29          | 8,75          | 8,93          | 15,2            | 7,6      | 15,4 AP                |
| C3                           | 9,72          | 9,28          | 8,8           | 8,55          | 15,1            | 7,6      | 15,4 AP                |
| C4                           | 3,49          | 3,42          | 2,95          | 2,32          | 9,1             | 7,6      | 9,4                    |
| C5                           | 3,66          | 3,45          | 3,02          | 2,16          | 9,1             | 7,6      | 9,4                    |
| C6                           | 3,45          | 3,2           | 2,98          | 2,23          | 9,0             | 7,6      | 9,4                    |
| C7                           | 2,42          | 2,47          | 2,3           | 1,84          | 8,29            | 8,65     | 8,35                   |
| C8                           | 2,59          | 2,36          | 2,15          | 1,53          | 8,2             | 8,65     | 8,35                   |
| C9                           | 2,21          | 2,12          | 2,07          | 1,99          | 8,1             | 8,65     | 8,35                   |
| C10 Straddle 5470MHz-5725MHz | 2,43          | 2,03          | 1,79          | 1,68          | 8,0             | 8,65     | 8,35                   |
| C10 Straddle 5725MHz-5850MHz | -0,49         | -0,69         | -1            | -1,02         | 5,2             | 8,65     | 27,35 (/500kHz)        |
| C11                          | 6,31          | 5,29          | 5,43          | 5,78          | 11,7            | 8,65     | 27,35 (/500kHz)        |
| C12                          | 6,26          | 5,62          | 5,41          | 5,82          | 11,8            | 8,65     | 27,35 (/500kHz)        |
| C13                          | 6,03          | 5,58          | 5,45          | 6,33          | 11,9            | 8,65     | 27,35 (/500kHz)        |

802.11n HT40/ac VHT40

| Channel                      | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAvg (dBm/MHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
|------------------------------|---------------|---------------|---------------|---------------|-----------------|----------|------------------------|
| C14                          | 6,16          | 2,34          | 2,3           | 1,36          | 9,5             | 7,6      | 15,4 AP                |
| C15                          | 7,48          | 6,81          | 6,08          | 6,23          | 12,7            | 7,6      | 15,4 AP                |
| C16                          | 2,73          | 1,93          | 1,32          | 1,17          | 7,9             | 7,6      | 9,4                    |
| C17                          | 2,77          | 2,18          | 1,55          | 2,01          | 8,2             | 7,6      | 9,4                    |
| C18                          | 2,05          | 1,43          | 0,96          | 0,59          | 7,3             | 8,65     | 8,35                   |
| C19                          | 1,95          | 1,71          | 0,68          | 0,9           | 7,4             | 8,65     | 8,35                   |
| C20                          | 0,85          | 1,83          | 2,53          | 1,46          | 7,7             | 8,65     | 8,35                   |
| C21 Straddle 5470MHz-5725MHz | 1,27          | 2,06          | 0,36          | 0,34          | 7,1             | 8,65     | 8,35                   |
| C21 Straddle 5725MHz-5850MHz | -2,96         | -2,18         | -3,32         | -3,33         | 3,1             | 8,65     | 27,35 (/500kHz)        |
| C22                          | 3             | 2,9           | 2,44          | 2,96          | 8,9             | 8,65     | 27,35 (/500kHz)        |
| C23                          | 3,18          | 2,77          | 2,63          | 2,99          | 8,9             | 8,65     | 27,35 (/500kHz)        |

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802.11ac VHT80

| Channel                      | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAvg (dBm/MHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
|------------------------------|---------------|---------------|---------------|---------------|-----------------|----------|------------------------|
| C24                          | -1,21         | -1,99         | -1,9          | -2,51         | 4,1             | 7,6      | 15,4 AP                |
| C25                          | -3,06         | -4,01         | -4,55         | -5,59         | 1,8             | 7,6      | 9,4                    |
| C26                          | -5,7          | -6,39         | -6,3          | -5,69         | 0,0             | 8,65     | 8,35                   |
| C27                          | -5,56         | -4,57         | -6,48         | -5,34         | 0,6             | 8,65     | 8,35                   |
| C28 Straddle 5470MHz-5725MHz | -3,55         | -3,49         | -3,79         | -3,49         | 2,4             | 8,65     | 8,35                   |
| C28 Straddle 5725MHz-5850MHz | -6,09         | -6,47         | -6,29         | -6,18         | -0,2            | 8,65     | 27,35 (/500kHz)        |
| C29                          | 0,61          | 0,59          | -0,17         | -0,14         | 6,3             | 8,65     | 27,35 (/500kHz)        |

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Results for Slave Maximum conducted output power :

| 802.11a |           |           |           |           |             |          |                    |
|---------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|
| Channel | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAll (dBm) | AG (dBi) | Tx Limit FCC (dBm) |
| C1      | 12,46     | 12,77     | 12,5      | 13,39     | 18,8        | 7,6      | 21,4               |
| C2      | 13,05     | 12,91     | 12,24     | 12,52     | 18,7        | 7,6      | 21,4               |
| C3      | 11,78     | 12,9      | 12,72     | 12,59     | 18,5        | 7,6      | 21,4               |

| 802.11n HT20/ac VHT20 |           |           |           |           |             |          |                    |
|-----------------------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|
| Channel               | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAll (dBm) | AG (dBi) | Tx Limit FCC (dBm) |
| C1                    | 13,26     | 13,52     | 12,68     | 13,12     | 19,18       | 7,6      | 21,4               |
| C2                    | 13,04     | 12,37     | 12,87     | 12,75     | 18,8        | 7,6      | 21,4               |
| C3                    | 13,01     | 12,86     | 12,84     | 12,81     | 18,9        | 7,6      | 21,4               |

| 802.11n HT40/ac VHT40 |           |           |           |           |             |          |                    |
|-----------------------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|
| Channel               | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAll (dBm) | AG (dBi) | Tx Limit FCC (dBm) |
| C14                   | 14,09     | 14,12     | 14,01     | 13,86     | 20,0        | 7,6      | 21,4               |
| C15                   | 14,73     | 14,55     | 14,47     | 14,2      | 20,5        | 7,6      | 21,4               |

| 802.11ac VHT80 |           |           |           |           |             |          |                    |
|----------------|-----------|-----------|-----------|-----------|-------------|----------|--------------------|
| Channel        | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | Tx4 (dBm) | TxAll (dBm) | AG (dBi) | Tx Limit FCC (dBm) |
| C24            | 12,93     | 13,1      | 12,65     | 12,33     | 18,8        | 7,6      | 21,4               |



Results for Master Power spectral density :

| 802.11a |               |               |               |               |                |          |                        |
|---------|---------------|---------------|---------------|---------------|----------------|----------|------------------------|
| Channel | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAll (dBmMHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
| C1      | 1,72          | 2,16          | 1,89          | 2,99          | 8,2            | 7,6      | 8,4                    |
| C2      | 2,43          | 2,28          | 1,53          | 2,04          | 8,1            | 7,6      | 8,4                    |
| C3      | 1,1           | 2,32          | 2,05          | 2,27          | 8,0            | 7,6      | 8,4                    |

| 802.11n<br>HT20/ac<br>VHT20 |               |               |               |               |                |          |                        |
|-----------------------------|---------------|---------------|---------------|---------------|----------------|----------|------------------------|
| Channel                     | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAll (dBmMHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
| C1                          | 2,27          | 2,59          | 1,98          | 2,13          | 8,3            | 7,6      | 8,4                    |
| C2                          | 1,93          | 1,44          | 1,83          | 1,79          | 7,8            | 7,6      | 8,4                    |
| C3                          | 2,15          | 1,9           | 1,97          | 1,83          | 8,0            | 7,6      | 8,4                    |

| 802.11n<br>HT40/ac<br>VHT40 |               |               |               |               |                |          |                        |
|-----------------------------|---------------|---------------|---------------|---------------|----------------|----------|------------------------|
| Channel                     | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAll (dBmMHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
| C14                         | 0,21          | 0,62          | 1,54          | -0,05         | 6,6            | 7,6      | 8,4                    |
| C15                         | 0,88          | 0,77          | 0,53          | 0,2           | 6,6            | 7,6      | 8,4                    |

| 802.11ac<br>VHT80 |               |               |               |               |                |          |                        |
|-------------------|---------------|---------------|---------------|---------------|----------------|----------|------------------------|
| Channel           | Tx1 (dBm/MHz) | Tx2 (dBm/MHz) | Tx3 (dBm/MHz) | Tx4 (dBm/MHz) | TxAll (dBmMHz) | AG (dBi) | Tx Limit FCC (dBm/MHz) |
| C24               | -3            | -2,89         | -3,14         | -3,61         | 2,9            | 7,6      | 8,4                    |

## 8.6. CONCLUSION

Maximum Conducted Output Power, Maximum Power Spectral Density, Maximum EIRP, Maximum EIRP Power Spectral Density measurement performed on the sample of the product **SAGEMCOM DCIWA384 UHD Alt US V2, SN: 253764997**, in configuration and description presented in this test report, show levels **compliant** to the **47 CFR PART 15.407** limits.



## 9. TRANSMIT POWER CONTROL

### 9.1. TEST CONDITIONS

Test performed by : Mathieu CERISIER  
Date of test : June 5, 2018  
Ambient temperature : 23 °C  
Relative humidity : 41 %

### 9.2. TEST SETUP

- The Equipment Under Test is installed:

- On a table
- In an anechoic chamber

- Measurement is performed with a spectrum analyzer in:

- Conducted Method
- Radiated Method

- Test Procedure:

- KDB 789033 D02 General UNII Test Procedures New Rules v02r01 § E2 b) (Method SA-1)
- KDB 789033 D02 General UNII Test Procedures New Rules v02r01 § E2 c) (Method SA-2)
- KDB 662911 D01 Multiple Transmitter Output v02r01



Photograph for Transmit Power Control



### 9.3. LIMIT

FCC Part 15.407 & RSS-247

TPC Min (EIRP):

5250MHz-5350MHz: Shall not exceed 24dBm

5470MHz-5725MHz: Shall not exceed 24dBm

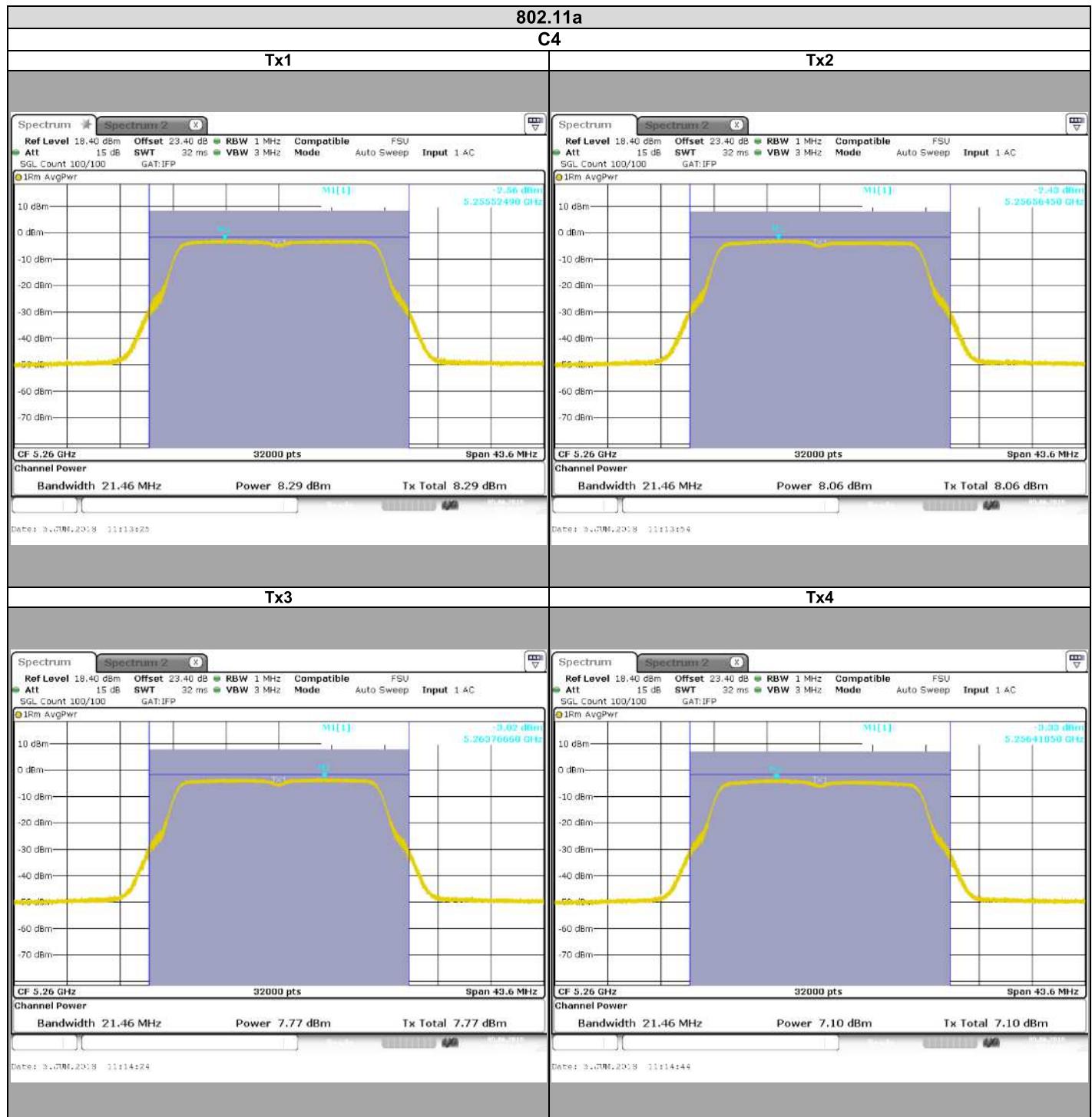
### 9.4. TEST EQUIPMENT LIST

| DESCRIPTION                     | MANUFACTURER    | MODEL        | N° LCIE  | Cal_Date | Cal_Due |
|---------------------------------|-----------------|--------------|----------|----------|---------|
| EMI receiver                    | ROHDE & SCHWARZ | ESR 7        | A2642023 | 2017/09  | 2018/09 |
| Multi-meter                     | KEITHLEY        | 2000         | A1242090 | 2017/05  | 2019/05 |
| Programmable AC/DC power supply | KIKUSUI         | PCR500M      | A7040079 | 2017/05  | 2019/05 |
| RF cable & 20 dB attenuator     | Télédynne       | 920-0202-048 | A5329676 | 2017/09  | 2018/09 |



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## 9.5. RESULTS



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