TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}
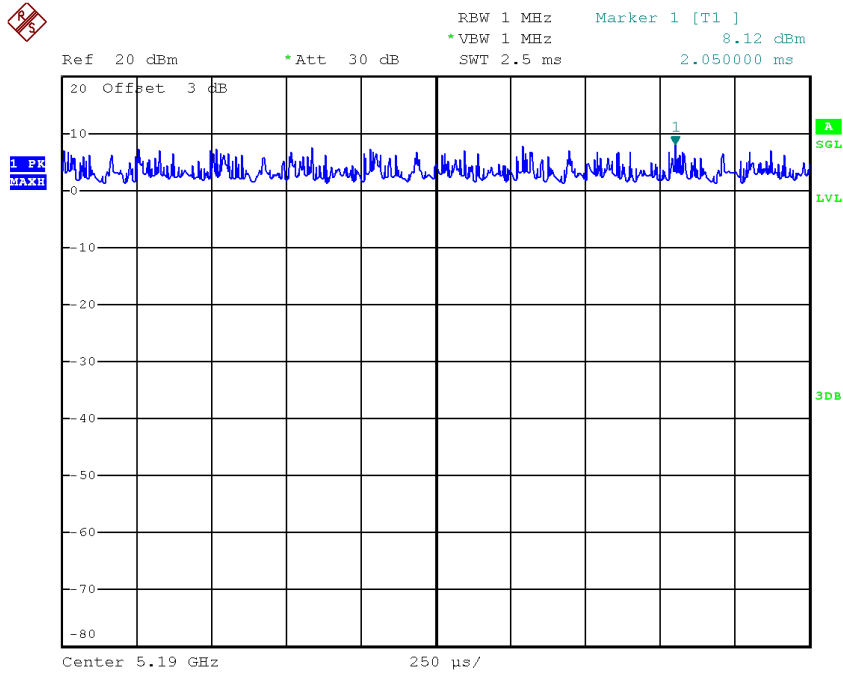
T_{ON}: 100000.000 msec

T_{Total}: 100000.000 msec

Duty cycle: 100.000%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00

Date: 3.JAN.2003 03:30:34

Note: The duty cycle is ≥ 98 % so it is not required to calculate Duty Factor.

TX AC80 Mode_DUTY CYCLE
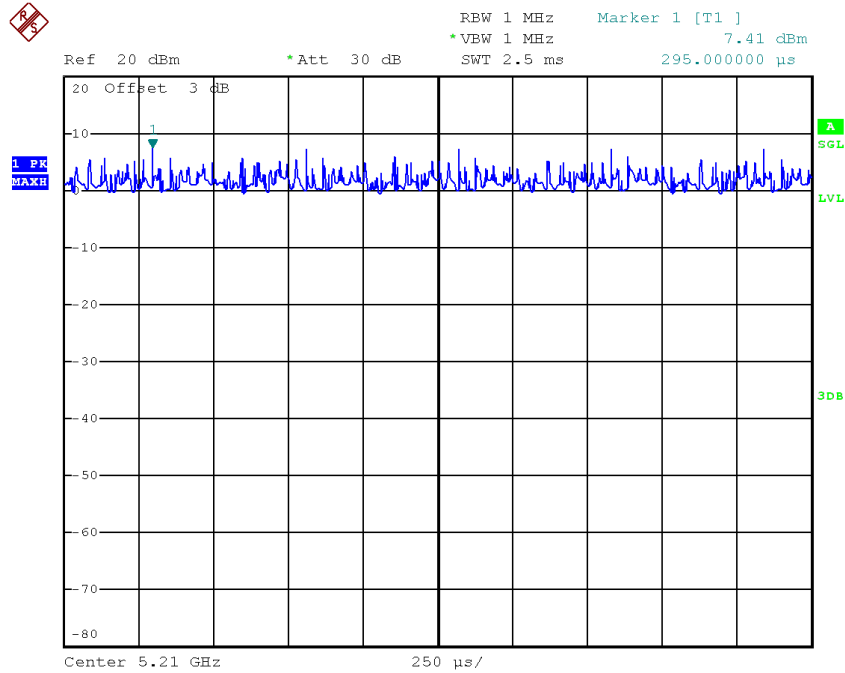
Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 100000.000 msec

T_{Total}: 100000.000 msec

Duty cycle: 100.000%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00

```
                                    RBW 1 MHz    Marker 1 [T1 ]
                                   *VBW 1 MHz              7.41 dBm
     Ref  20 dBm        *Att  30 dB   SWT 2.5 ms       295.000000 µs
    20 Offset  3 dB
                                                              A
    -10                1                                      SGL

  1 PK
  MAXH                                                        LVL

    -10

    -20

    -30                                                       3DB

    -40

    -50

    -60

    -70

    -80
     Center 5.21 GHz              250 µs/
```

Date: 3.JAN.2003 03:38:45

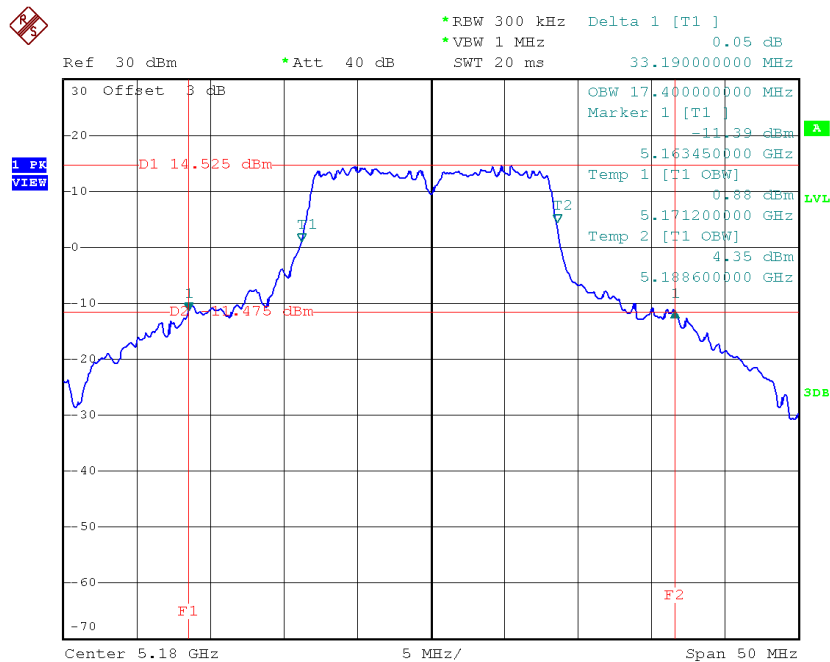Note: The duty cycle is ≥ 98 % so it is not required to calculate Duty Factor.

APPENDIX E - BANDWIDTH

Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	33.19	17.40
CH40	5200	43.69	31.60
CH48	5240	43.50	30.80

TX CH36

Date: 14.APR.2018 18:44:55

TX CH40

* RBW 300 kHz   Delta 1 [T1]
* VBW 1 MHz   0.15 dB
Ref 30 dBm   * Att 40 dB   SWT 20 ms   43.688963000 MHz

30 Offset 3 dB   OBW 31.600000000 MHz
                                         Marker 1 [T1]
                                                      -6.70 dBm
D1 18.511 dBm   5.178250037 GHz
                                         Temp 1 [T1 OBW]
                                                       1.33 dBm
                                               5.184200000 GHz
                                         Temp 2 [T1 OBW]
                                                       1.06 dBm
D2 -7.489 dBm   5.215800000 GHz

Center 5.2 GHz   5 MHz/   Span 50 MHz
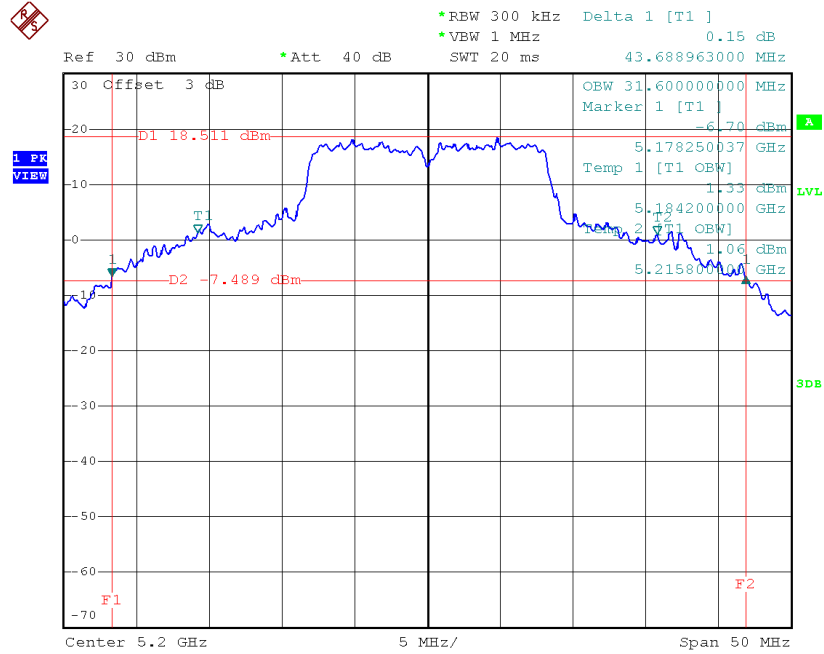
Date: 14.APR.2018 18:45:42

TX CH48

* RBW 300 kHz   Delta 1 [T1]
* VBW 1 MHz   0.61 dB
Ref 30 dBm   * Att 40 dB   SWT 20 ms   43.499500000 MHz

30 Offset 3 dB   OBW 30.800000000 MHz
                                         Marker 1 [T1]
                                                      -7.58 dBm
D1 17.976 dBm   5.218350000 GHz
                                         Temp 1 [T1 OBW]
                                                       0.81 dBm
                                               5.224600000 GHz
                                         Temp 2 [T1 OBW]
                                                      -1.64 dBm
D2 -8.024 dBm   5.255410000 GHz

Center 5.24 GHz   5 MHz/   Span 50 MHz
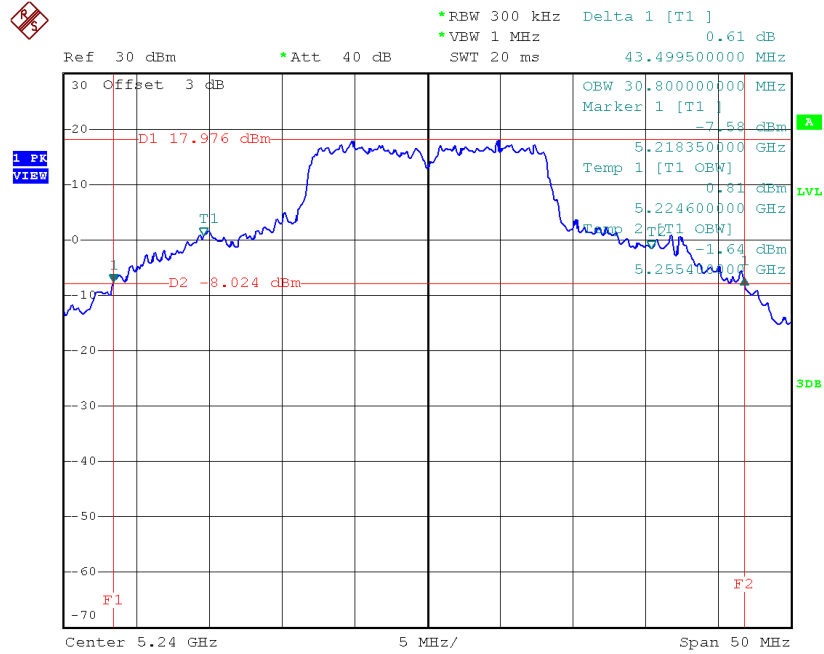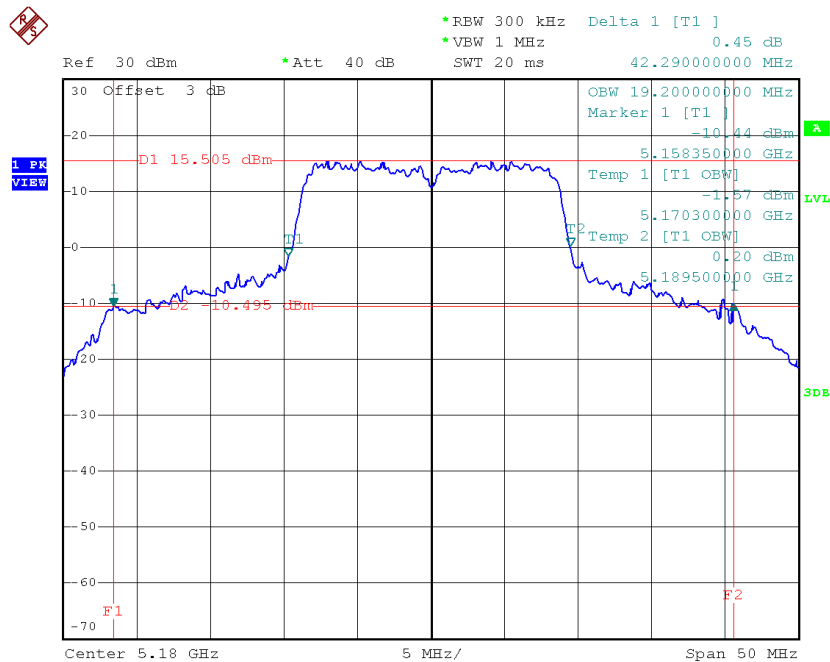
Date: 14.APR.2018 18:46:20

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

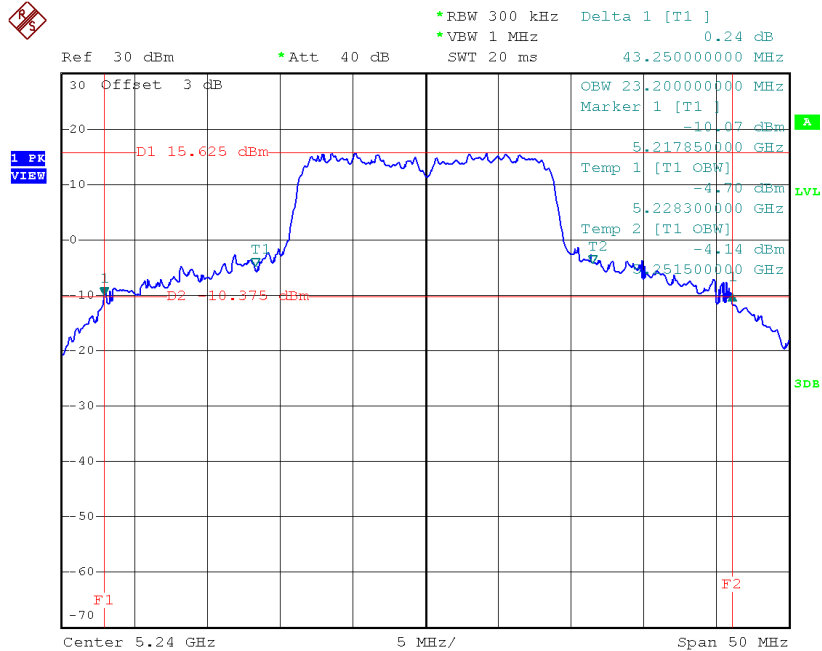| Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	42.29	19.20
CH40	5200	43.40	26.60
CH48	5240	43.25	23.20

TX CH36

Date: 14.APR.2018 19:15:52

TX CH40
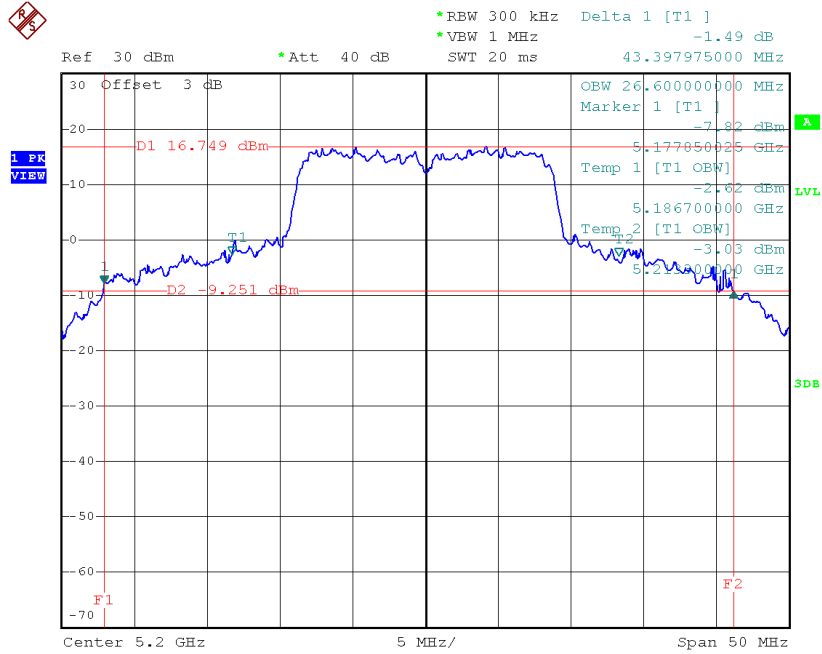
Date: 14.APR.2018 19:16:35

TX CH48

Date: 14.APR.2018 19:17:05
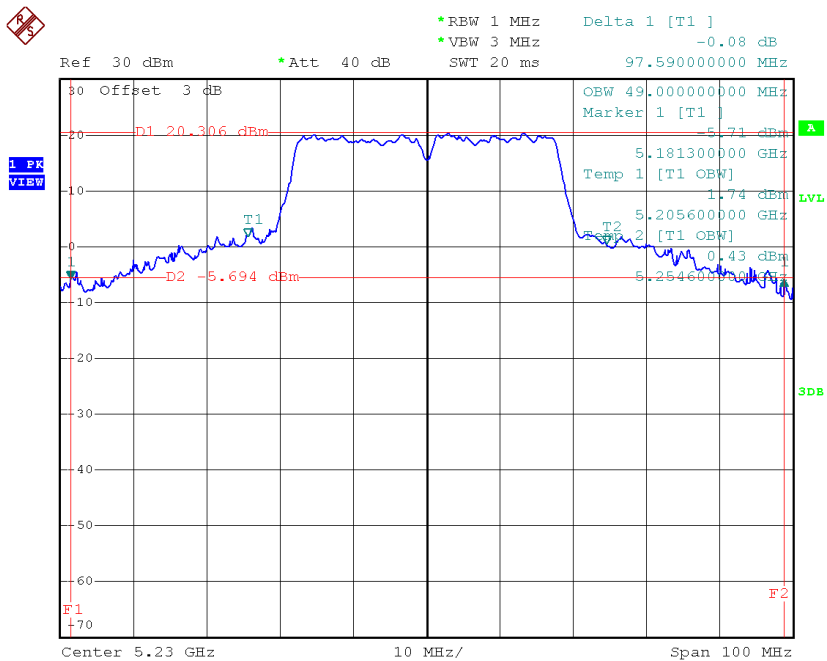
Test Mode: UNII-1/TX N40 Mode_CH38/CH46			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.79	37.20
CH46	5230	97.59	49.00

TX CH38


```
                                        *RBW 1 MHz      Delta 1 [T1 ]
                                        *VBW 3 MHz                    0.26 dB
         Ref  30 dBm        *Att  40 dB  SWT 20 ms        44.790000000 MHz
         30  Offset  3 dB                OBW 37.200000000 MHz
                                         Marker 1 [T1 ]
    -20                                               -12.66 dBm        A
                                                      5.167500000 GHz
1 PK     D1 13.192 dBm                    Temp 1 [T1 OBW]
VIEW -10                                                5.57 dBm       LVL
                          T1              T2           5.171400000 GHz
     0                                                 Temp 2 [T1 OBW]
                                                        6.46 dBm
    -10                                                5.208600000 GHz
         D2 -12.80  dBm
    -20                                                               3DB
    -30
    -40
    -50
    -60
              F1                           F2
    -70
         Center 5.19 GHz        10 MHz/              Span 100 MHz
```
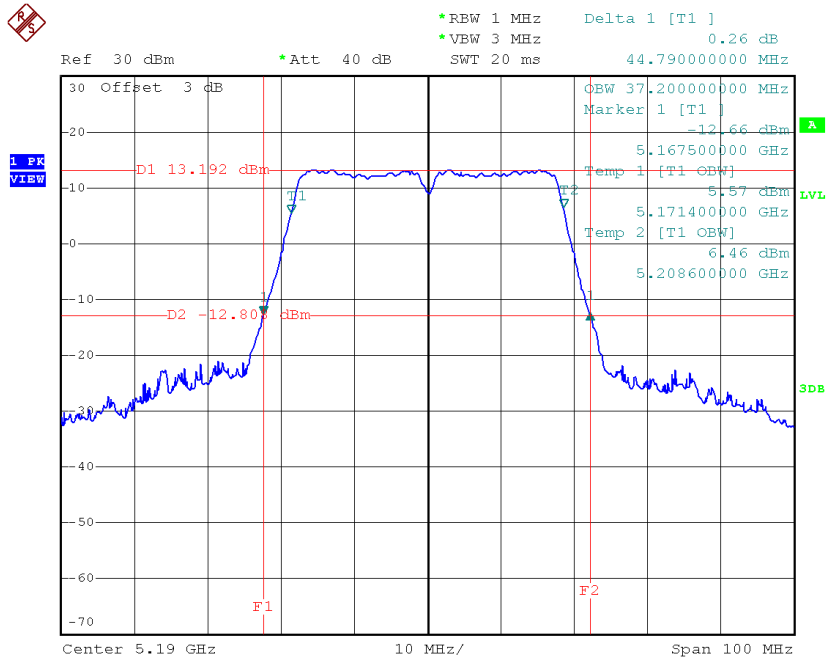
Date: 14.APR.2018 19:58:51

TX CH46


```
                                        *RBW 1 MHz      Delta 1 [T1 ]
                                        *VBW 3 MHz                   -0.08 dB
         Ref  30 dBm        *Att  40 dB  SWT 20 ms        97.590000000 MHz
         30  Offset  3 dB                OBW 49.000000000 MHz
                                         Marker 1 [T1 ]
    -20      D1 20.306 dBm                           -5.71 dBm         A
                                                      5.181300000 GHz
1 PK                                      Temp 1 [T1 OBW]
VIEW -10                                                1.74 dBm      LVL
                          T1              T2           5.205600000 GHz
     0                                                 Temp 2 [T1 OBW]
                                                        0.43 dBm
    -10   D2 -5.694 dBm                                5.254600000 GHz
    -20
    -30                                                               3DB
    -40
    -50
    -60
         F1                                 F2
    -70
         Center 5.23 GHz        10 MHz/              Span 100 MHz
```
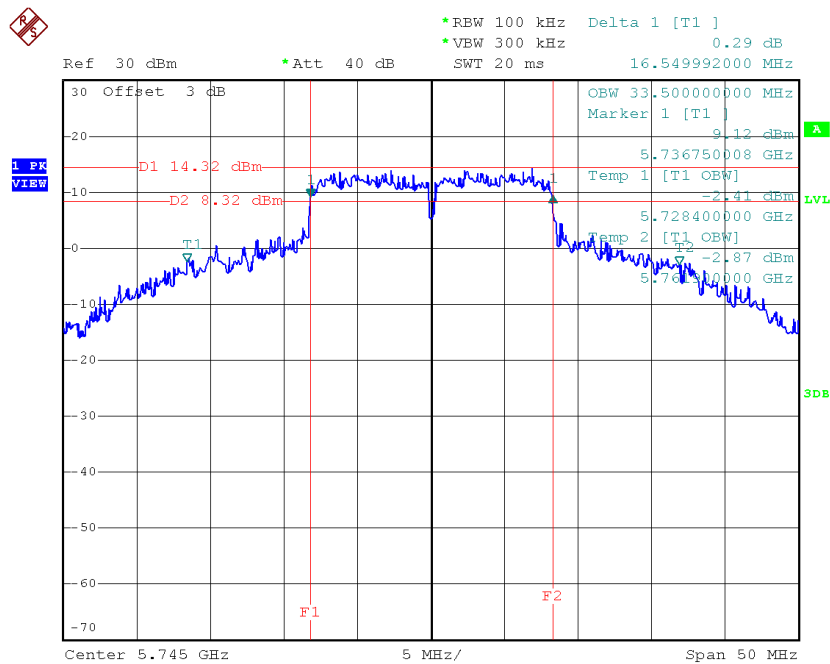
Date: 14.APR.2018 19:59:27
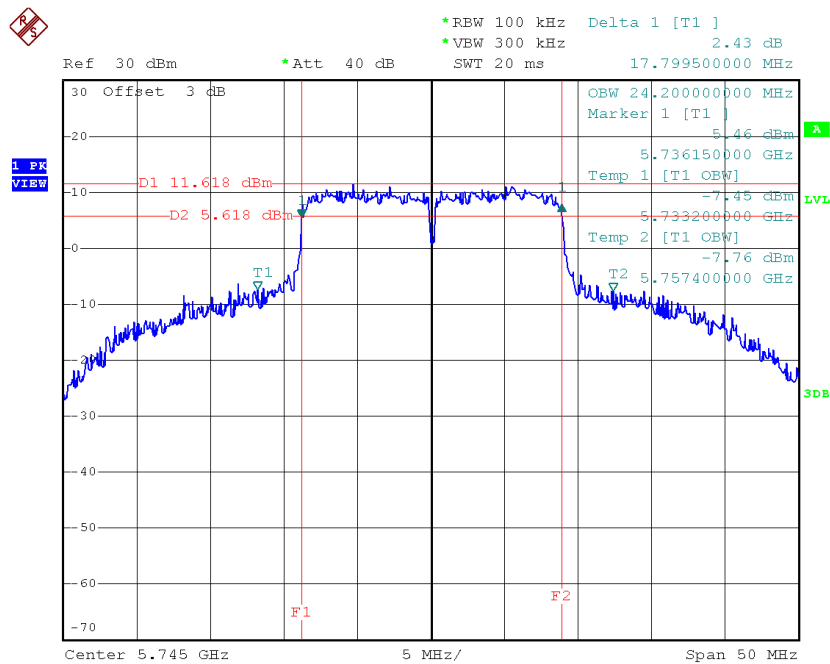
Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.55	33.50	>=500
CH157	5785	16.60	33.40	>=500
CH165	5825	16.60	33.70	>=500

TX CH 149

Date: 14.APR.2018 18:47:52

TX CH 157


```
                                              *RBW  100 kHz    Delta 1 [T1 ]
                                              *VBW  300 kHz                    1.32 dB
Ref   30 dBm              *Att   40 dB         SWT  20 ms            16.599942000 MHz
 30  Offset   3 dB                            OBW 33.400000000 MHz
                                              Marker 1 [T1 ]
-20                                                         8.36 dBm        A
                                                           5.776750008 GHz
1 PK   D1 13.599 dBm                  1                   Temp 1 [T1 OBW]
VIEW                                                        -2.78 dBm       LVL
-10    D2 7.599 dBm                                        5.768500000 GHz
                                                         Temp 2 [T1 OBW]
-0        T1                                           T2 -4.05 dBm
                                                         5.90 00000 GHz
-10                                                                          3DB
-20
-30
-40
-50
-60                           F1              F2
-70
Center 5.785 GHz              5 MHz/                  Span 50 MHz
```
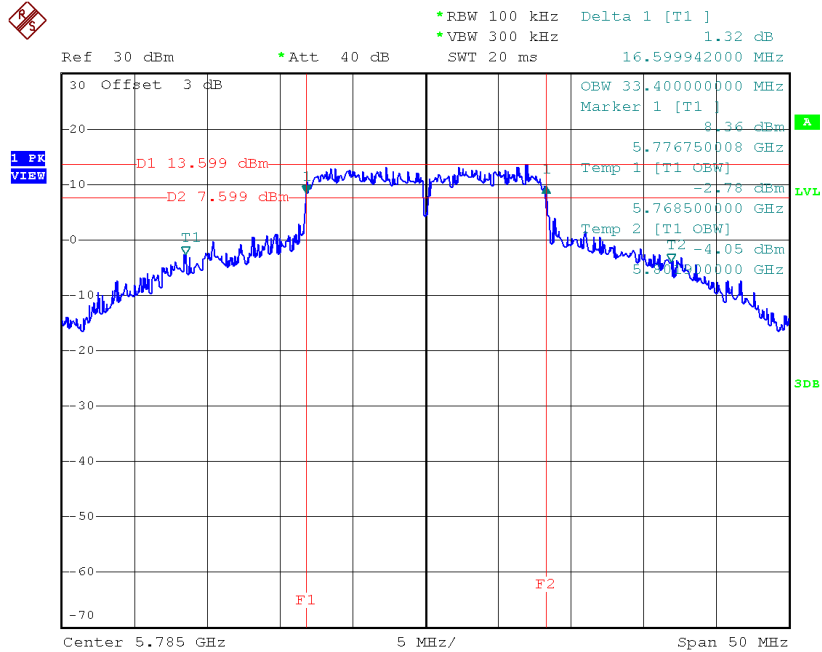
Date: 14.APR.2018 18:48:42

TX CH 165


```
                                              *RBW  100 kHz    Delta 1 [T1 ]
                                              *VBW  300 kHz                    2.73 dB
Ref   30 dBm              *Att   40 dB         SWT  20 ms            16.599950000 MHz
 30  Offset   3 dB                            OBW 33.700000000 MHz
                                              Marker 1 [T1 ]
-20                                                         6.80 dBm        A
                                                           5.816750000 GHz
1 PK   D1 12.858 dBm                  1                   Temp 1 [T1 OBW]
VIEW                                                        -3.29 dBm       LVL
-10    D2 6.858 dBm                                        5.808400000 GHz
                                                         Temp 2 [T1 OBW]
-0        T1                                              -6.83 dBm
                                                         5.84 00000 GHz
-10                                                                          3DB
-20
-30
-40
-50
-60                           F1              F2
-70
Center 5.825 GHz              5 MHz/                  Span 50 MHz
```
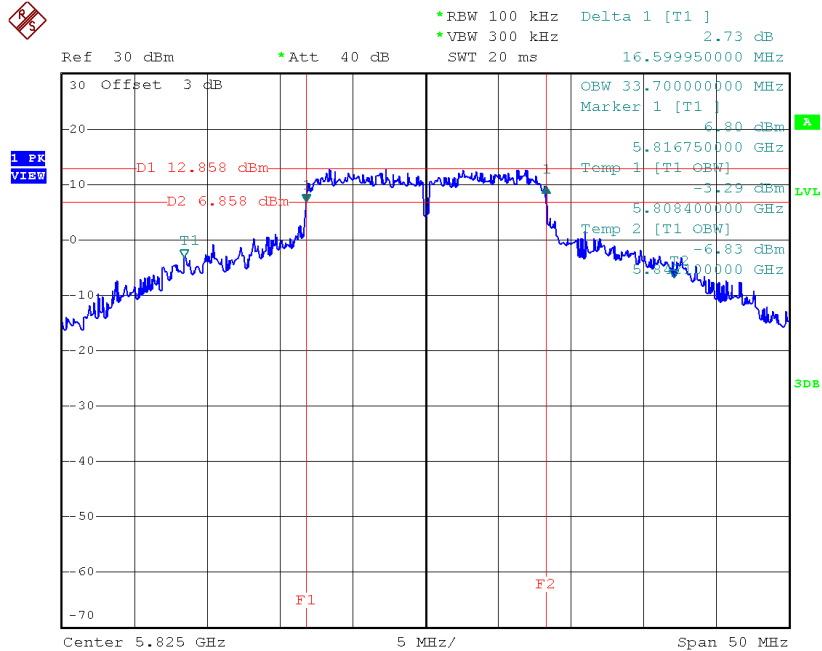
Date: 14.APR.2018 18:54:19

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.80	24.20	>=500
CH157	5785	17.71	19.10	>=500
CH165	5825	17.80	29.90	>=500

TX CH 149

Date: 14.APR.2018 19:30:21

TX CH 157

*RBW 100 kHz   Delta 1 [T1]
*VBW 300 kHz   2.44 dB
Ref 30 dBm   *Att 40 dB   SWT 20 ms   17.709050000 MHz

30 Offset 3 dB

OBW 19.100000000 MHz
Marker 1 [T1]
                  4.22 dBm
         5.776240900 GHz
Temp 1 [T1 OBW]
                 -6.64 dBm
         5.775700000 GHz
Temp 2 [T1 OBW]
                 -8.41 dBm
         5.794800000 GHz

D1 10.449 dBm
D2 4.449 dBm

T1   T2

F1   F2

Center 5.785 GHz   5 MHz/   Span 50 MHz
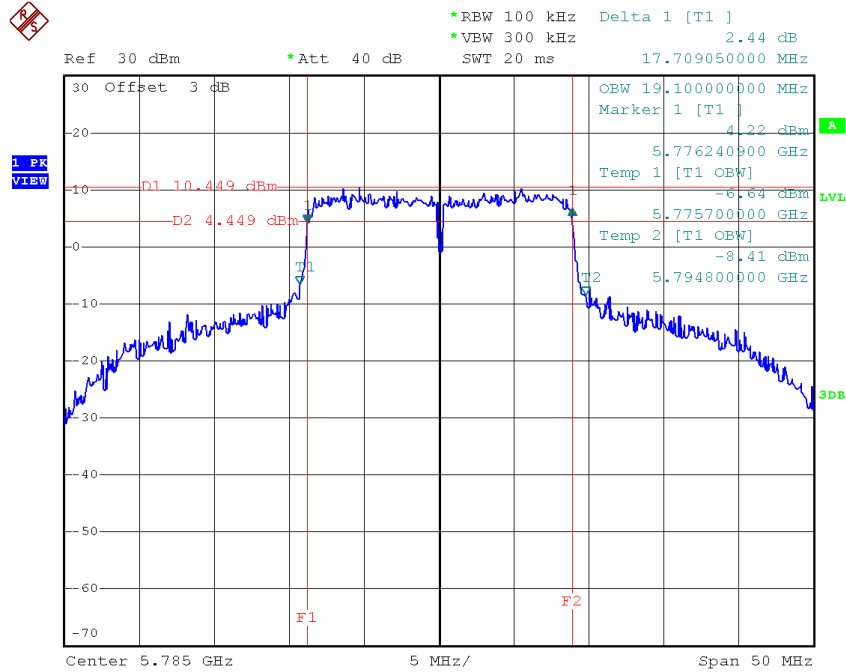
Date: 14.APR.2018   19:31:26

TX CH 165

*RBW 100 kHz   Delta 1 [T1]
*VBW 300 kHz   2.88 dB
Ref 30 dBm   *Att 40 dB   SWT 20 ms   17.799950000 MHz

30 Offset 3 dB

OBW 29.900000000 MHz
Marker 1 [T1]
                  6.03 dBm
         5.816150000 GHz
Temp 1 [T1 OBW]
                 -9.29 dBm
         5.810600000 GHz
Temp 2 [T1 OBW]
                 -6.27 dBm
         5.840500000 GHz

D1 11.976 dBm
D2 5.976 dBm

T1   T2

F1   F2

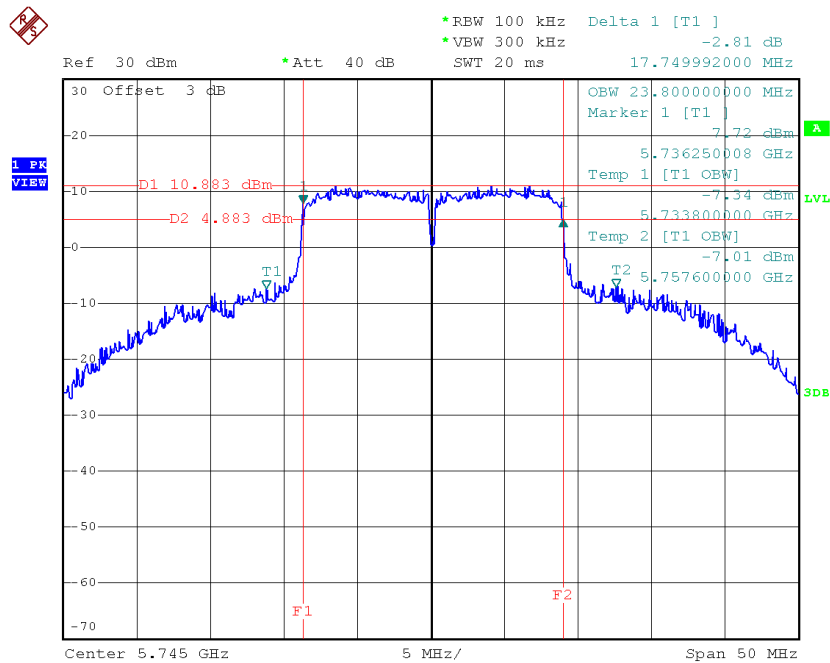Center 5.825 GHz   5 MHz/   Span 50 MHz
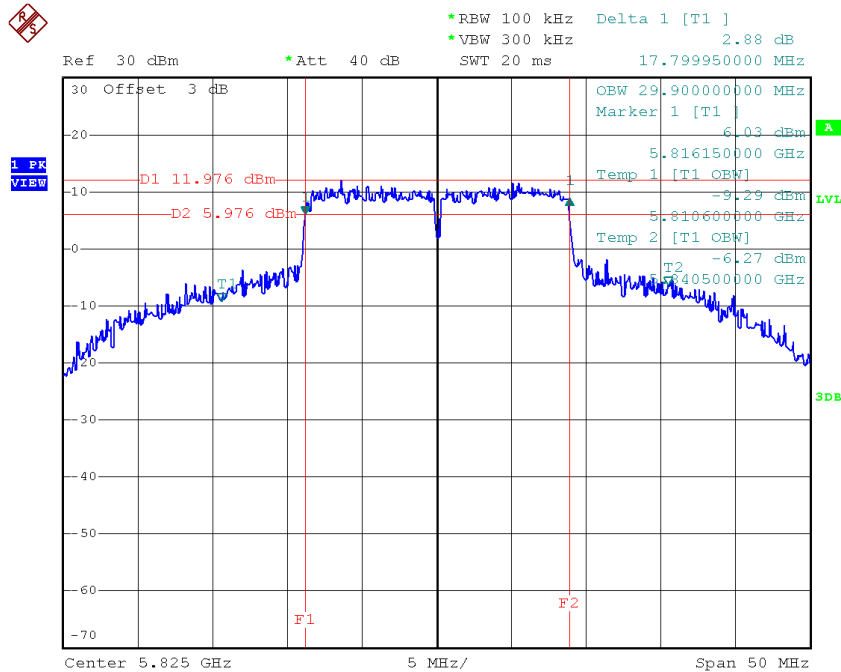
Date: 14.APR.2018   19:32:17

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	66.80	>=500
CH159	5795	36.50	66.60	>=500

TX CH 151

```
                                    *RBW 100 kHz   Delta 1 [T1 ]
                                    *VBW 300 kHz            0.14 dB
   Ref  30 dBm        *Att 40 dB    SWT 20 ms      36.699987000 MHz
   30 Offset  3 dB                  OBW 66.800000000 MHz
                                    Marker 1 [T1 ]
    -20                                      -6.29 dBm        A
                                         5.736700013 GHz
    -10                                Temp 1 [T1 OBW]
   D1 10.552 dBm                                -6.58 dBm     LVL
   D2 4.552 dBm                             5.722600000 GHz
    -0                                  Temp 2 [T1 OBW]
                                               -9.23 dBm
   -10                                     5.789400000 GHz
   -20

   -30                                                        3DB

   -40

   -50

   -60
                    F1                        F2
   -70
   Center 5.755 GHz          10 MHz/              Span 100 MHz
```
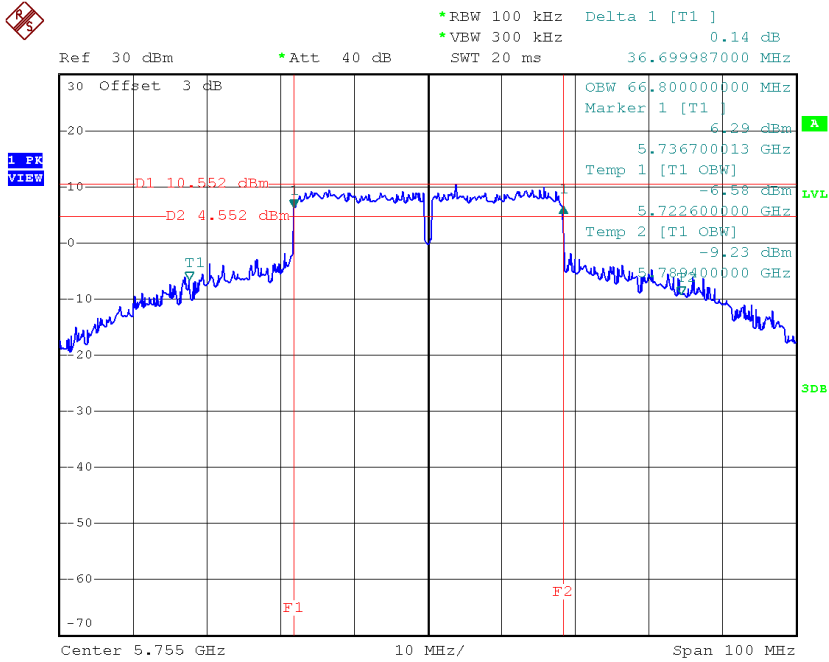
Date: 14.APR.2018 20:01:22

TX CH 159

```
                                    *RBW 100 kHz   Delta 1 [T1 ]
                                    *VBW 300 kHz           -1.55 dB
   Ref  30 dBm        *Att 40 dB    SWT 20 ms      36.499987000 MHz
   30 Offset  3 dB                  OBW 66.600000000 MHz
                                    Marker 1 [T1 ]
    -20                                      -6.40 dBm        A
                                         5.776900013 GHz
    -10                                Temp 1 [T1 OBW]
   D1 9.690 dBm                                -8.26 dBm      LVL
   D2 3.698 dBm                             5.762600000 GHz
    -0                                  Temp 2 [T1 OBW]
                                               -9.42 dBm
   -10                                     5.828200000 GHz
   -20

   -30                                                        3DB

   -40

   -50

   -60
                    F1                        F2
   -70
   Center 5.795 GHz          10 MHz/              Span 100 MHz
```
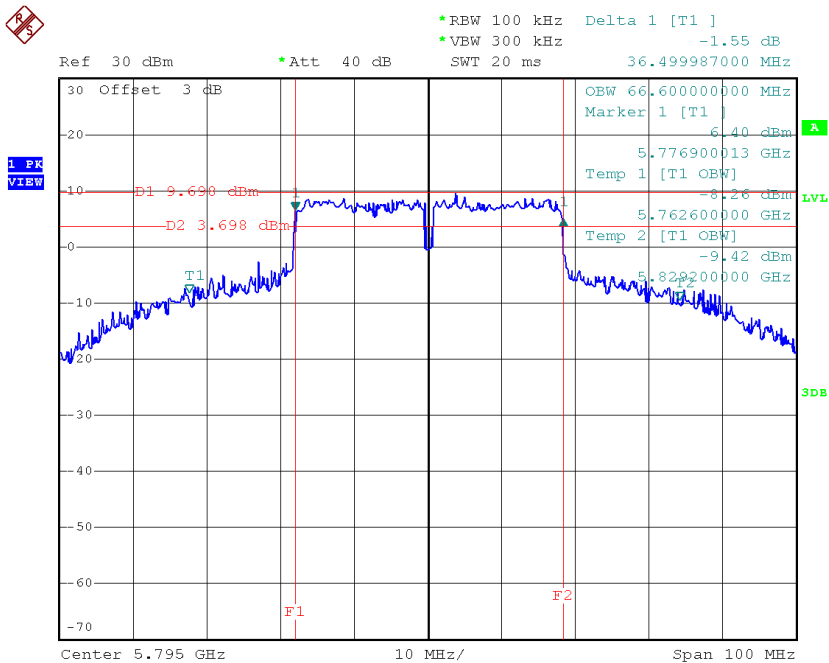
Date: 14.APR.2018 20:02:46

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	33.55	18.10
CH40	5200	41.29	21.60
CH48	5240	39.39	19.30

TX CH36
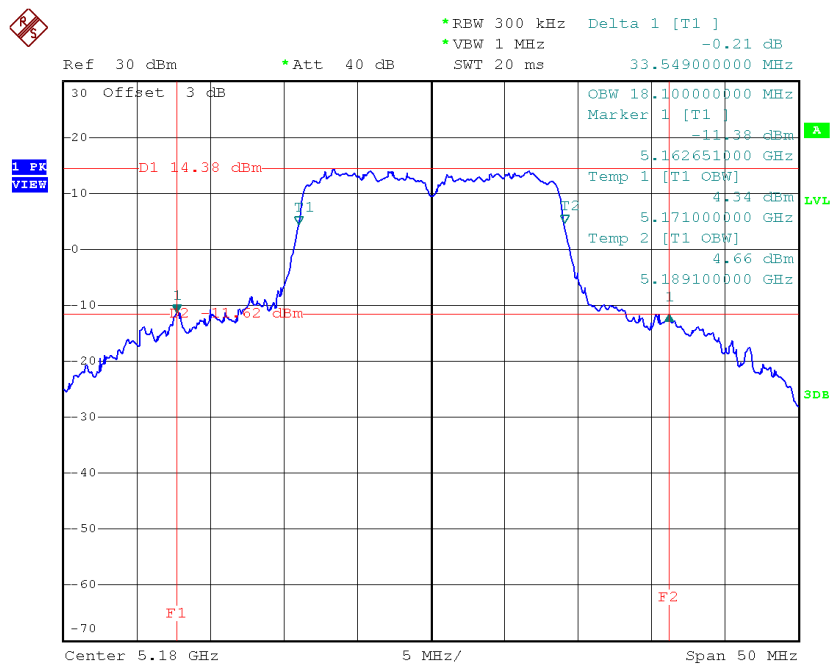
Date: 14.APR.2018 19:34:26

TX CH40
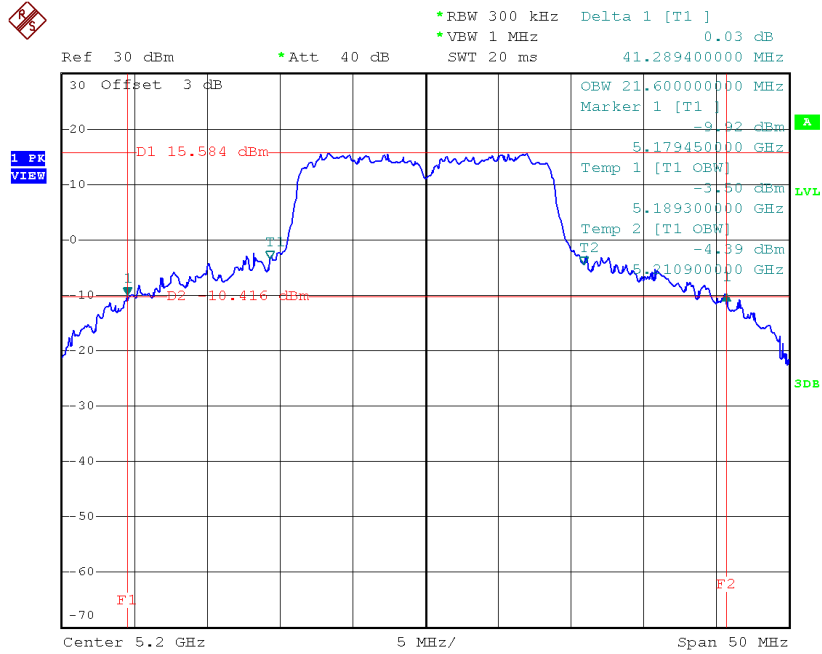
Date: 14.APR.2018 19:35:03

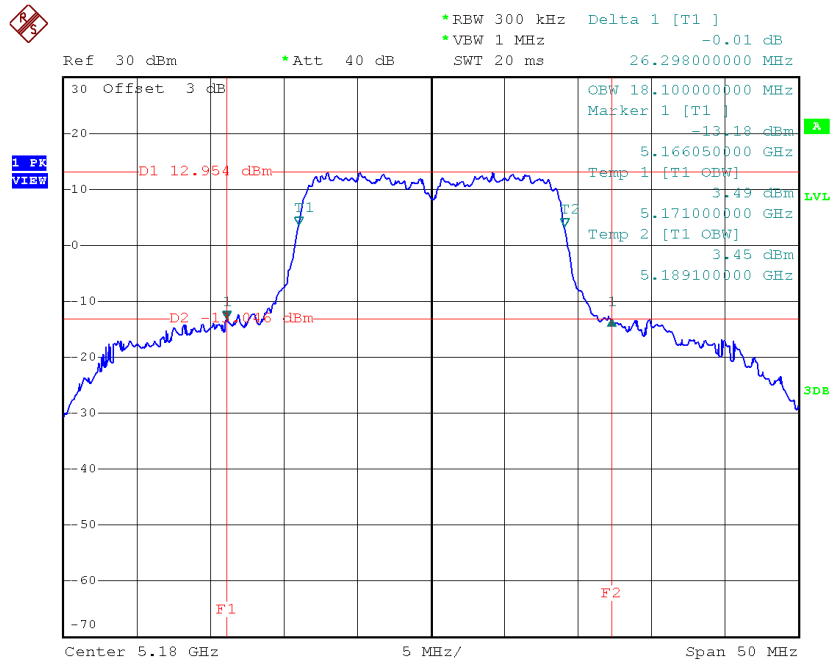## TX CH48
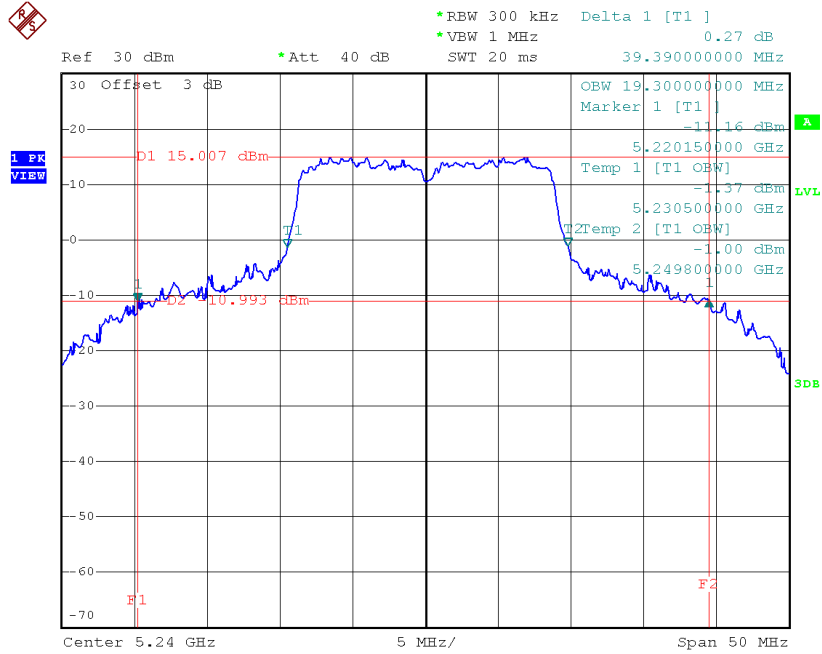
Date: 14.APR.2018 19:35:38

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.10	36.80
CH46	5230	90.80	40.00

TX CH38
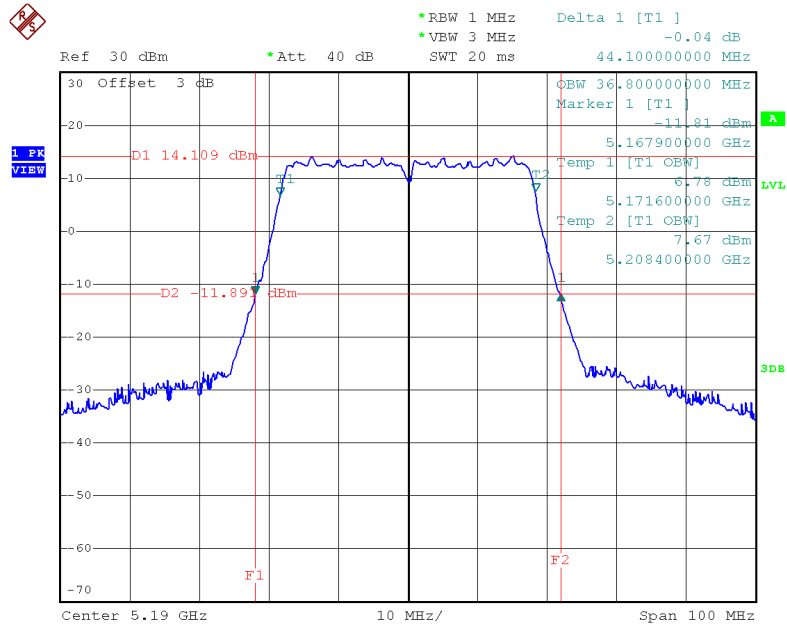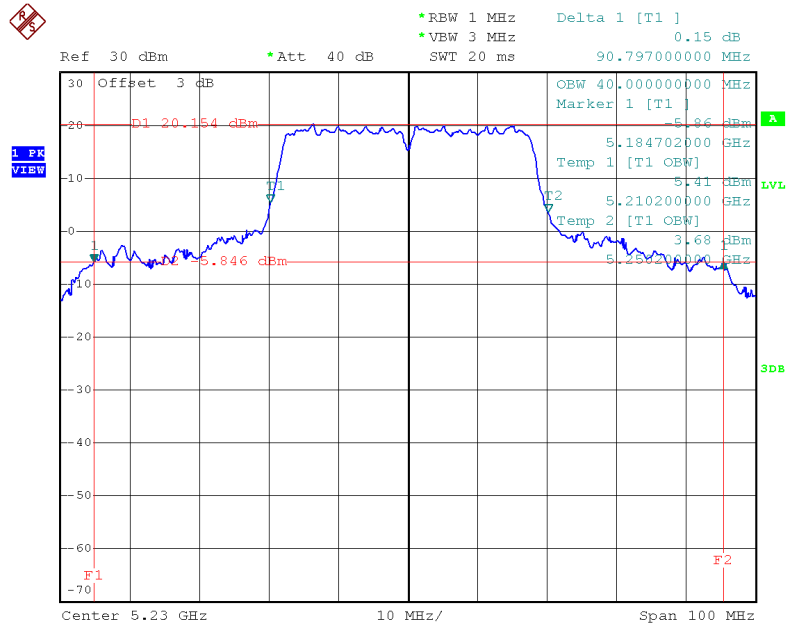
TX CH46

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	83.40	76.00

TX CH42
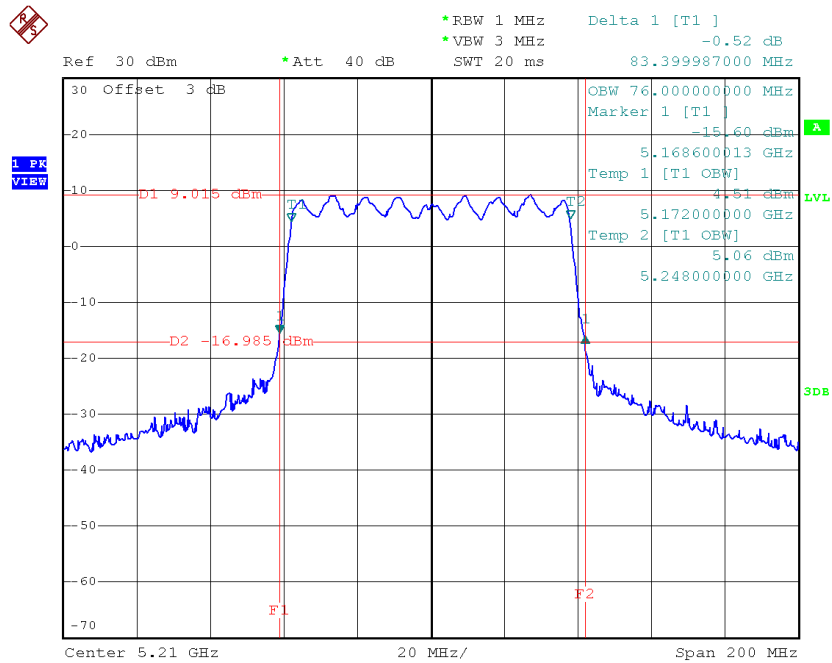
Date: 14.APR.2018 20:17:20

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.75	23.80	>=500
CH157	5785	17.75	26.40	>=500
CH165	5825	17.75	29.40	>=500

TX CH 149

Date: 14.APR.2018 19:36:28

TX CH 157


```
                                                              *RBW 100 kHz    Delta 1 [T1 ]
                                                              *VBW 300 kHz                  -2.19 dB
Ref  30 dBm              *Att  40 dB    SWT 20 ms              17.749992000 MHz
30 Offset  3 dB                                      OBW 26.400000000 MHz
                                                     Marker 1 [T1 ]
                                                                    7.49 dBm
                                                       5.776250008 GHz
                                                     Temp 1 [T1 OBW]
   D1 10.877 dBm                                                  -7.71 dBm
   D2 4.877 dBm                                         5.772500000 GHz
                                                     Temp 2 [T1 OBW]
                                                                 -8.13 dBm
        T1                                            T2.798900000 GHz

                              F1                       F2

Center 5.785 GHz              5 MHz/              Span 50 MHz
```
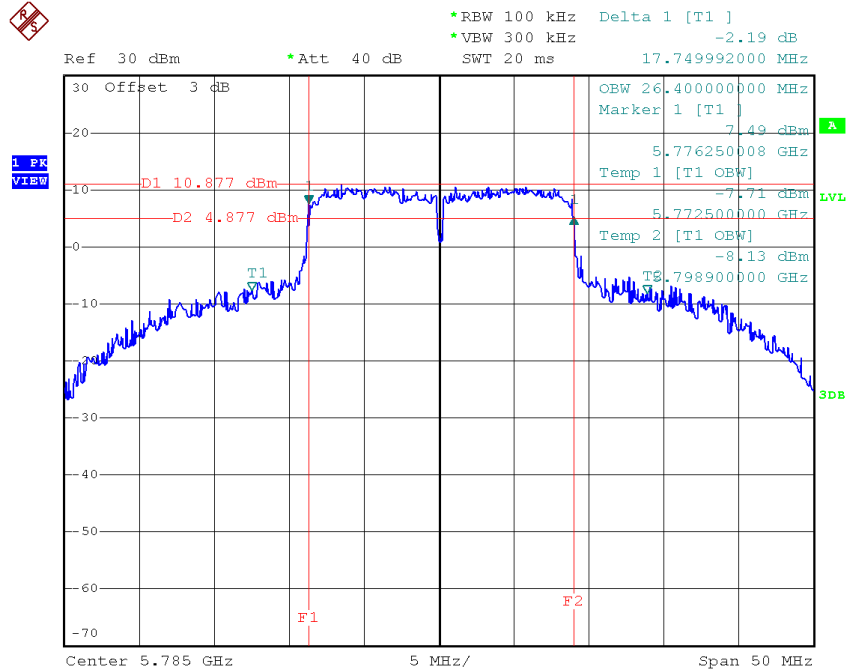
Date: 14.APR.2018   19:37:19

TX CH 165


```
                                                              *RBW 100 kHz    Delta 1 [T1 ]
                                                              *VBW 300 kHz                  -2.72 dB
Ref  30 dBm              *Att  40 dB    SWT 20 ms              17.749992000 MHz
30 Offset  3 dB                                      OBW 29.400000000 MHz
                                                     Marker 1 [T1 ]
                                                                    7.48 dBm
                                                       5.816250008 GHz
                                                     Temp 1 [T1 OBW]
   D1 10.796 dBm                                                  -6.55 dBm
   D2 4.796 dBm                                         5.810800000 GHz
                                                     Temp 2 [T1 OBW]
                                                                 -8.21 dBm
        T1                                            5.840200000 MHz

                              F1                       F2

Center 5.825 GHz              5 MHz/              Span 50 MHz
```
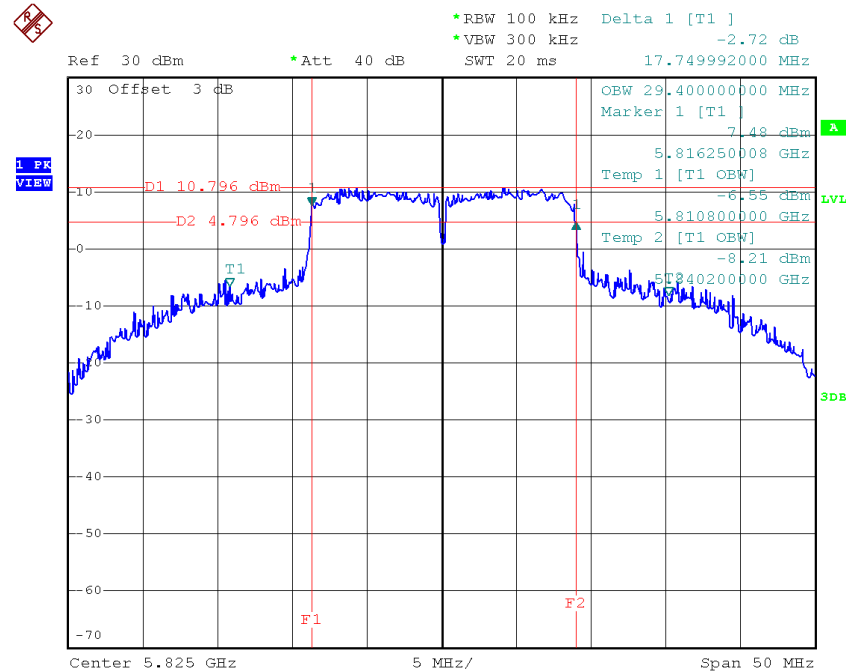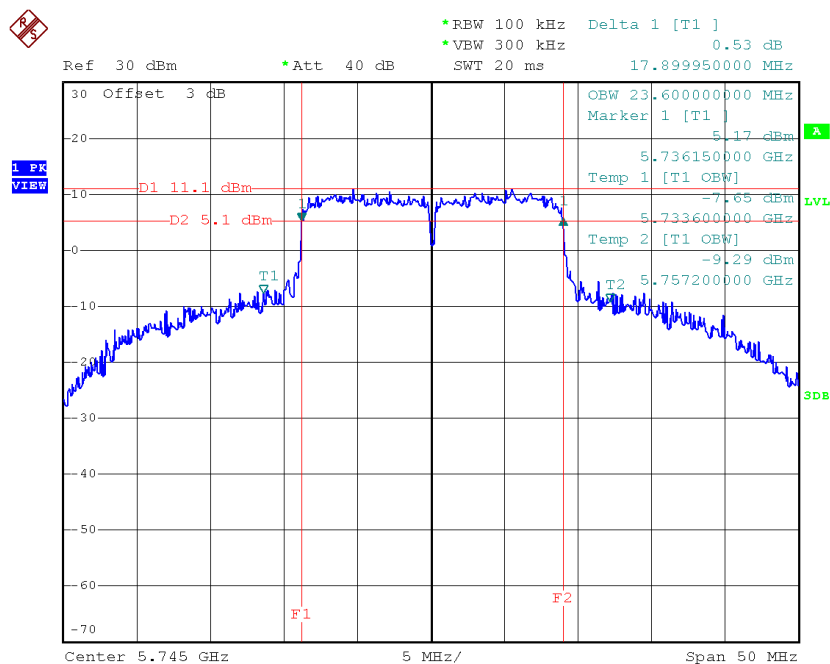
Date: 14.APR.2018   19:38:18

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	66.20	>=500
CH159	5795	36.50	65.20	>=500

TX CH 151

R&S

	*RBW 100 kHz	Delta 1 [T1]
	*VBW 300 kHz	-0.88 dB
Ref 30 dBm	*Att 40 dB	SWT 20 ms	36.699987000 MHz

30 Offset 3 dB

OBW 66.200000000 MHz
Marker 1 [T1]
7.93 dBm
5.736700013 GHz
Temp 1 [T1 OBW]
-8.28 dBm
5.722800000 GHz
Temp 2 [T1 OBW]
-8.43 dBm
5.787900000 GHz

1 PK VIEW

D1 10.891 dBm
D2 4.891 dBm

A
LVL
3DB

T1

F1   F2

Center 5.755 GHz   10 MHz/   Span 100 MHz
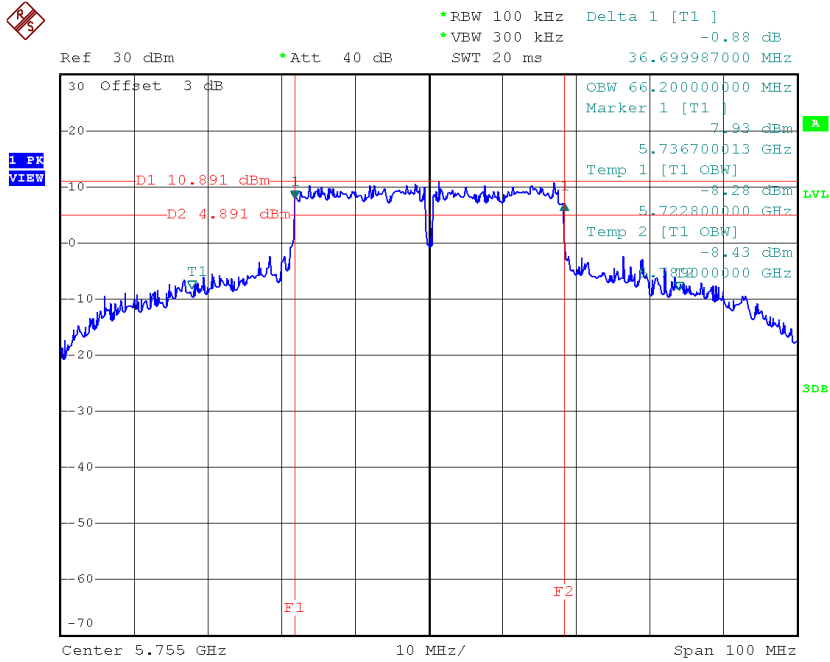
Date: 14.APR.2018 20:09:12

TX CH 159

R&S

	*RBW 100 kHz	Delta 1 [T1]
	*VBW 300 kHz	-3.02 dB
Ref 30 dBm	*Att 40 dB	SWT 20 ms	36.499975000 MHz

30 Offset 3 dB

OBW 65.200000000 MHz
Marker 1 [T1]
7.55 dBm
5.776900025 GHz
Temp 1 [T1 OBW]
-8.20 dBm
5.763200000 GHz
Temp 2 [T1 OBW]
-6.95 dBm
5.828400000 GHz

1 PK VIEW

D1 10.096 dBm
D2 4.096 dBm

A
LVL
3DB

T1   T2

F1   F2

Center 5.795 GHz   10 MHz/   Span 100 MHz
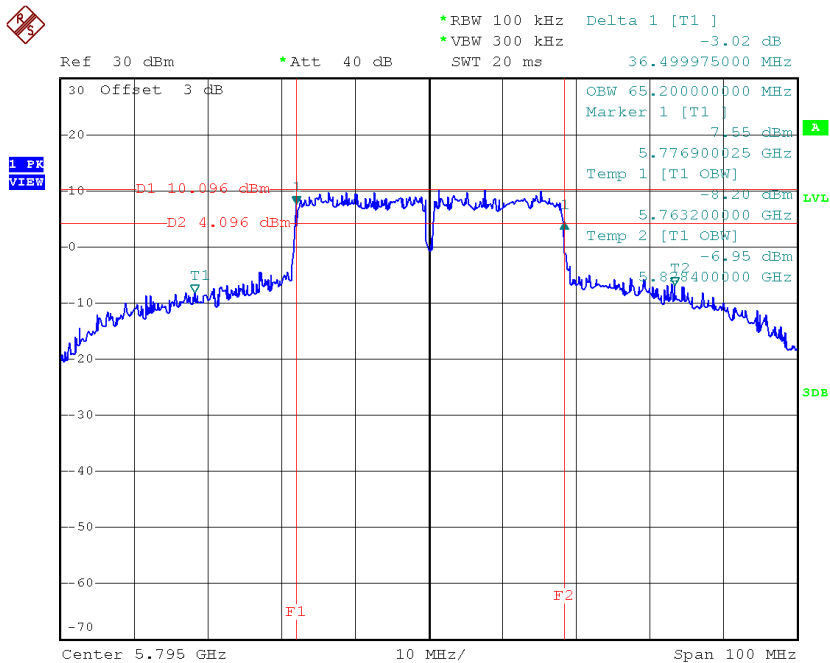
Date: 14.APR.2018 20:10:06

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.60	108.00	>=500

TX CH 155
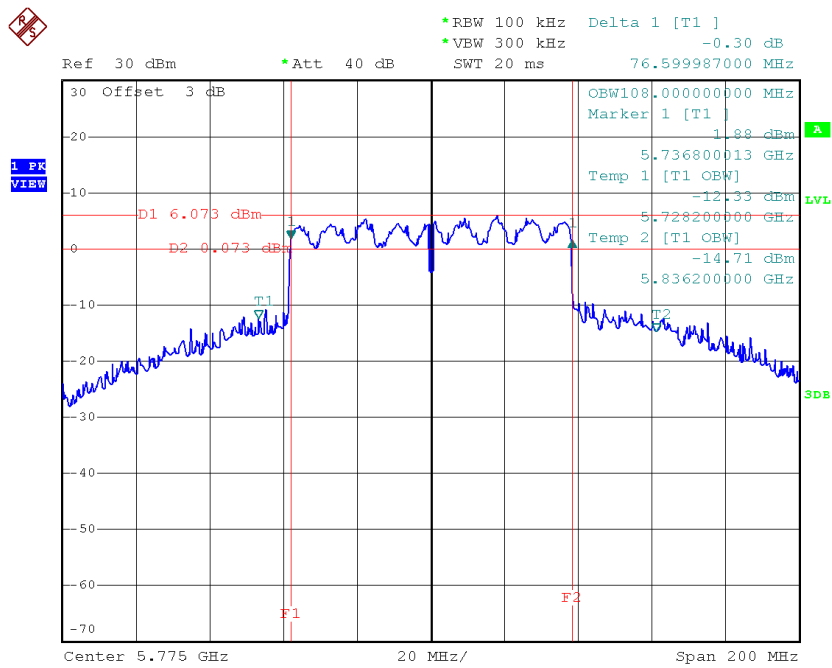
Date: 14.APR.2018 20:18:30

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	26.30	18.10
CH40	5200	43.29	23.90
CH48	5240	42.75	20.70

TX CH36

Date: 16.APR.2018 11:18:56

TX CH40

R&S

*RBW 300 kHz   Delta 1 [T1]
*VBW 1 MHz   -0.19 dB
Ref 30 dBm   *Att 40 dB   SWT 20 ms   43.289992000 MHz

30 Offset 3 dB   OBW 23.900000000 MHz
                                    Marker 1 [T1]
-20   -9.43 dBm   A
                                    5.177850008 GHz
D1 15.889 dBm   Temp 1 [T1 OBW]
-10   -3.19 dBm   LVL
                                    5.187900000 GHz
-0   Temp 2 [T1 OBW]
                T1   T2   -3.71 dBm
-10   5.211800000 GHz
        D2 -10.111 dBm

-20

                                                            3DB
-30

-40

-50

-60
    F1   F2
-70
Center 5.2 GHz   5 MHz/   Span 50 MHz
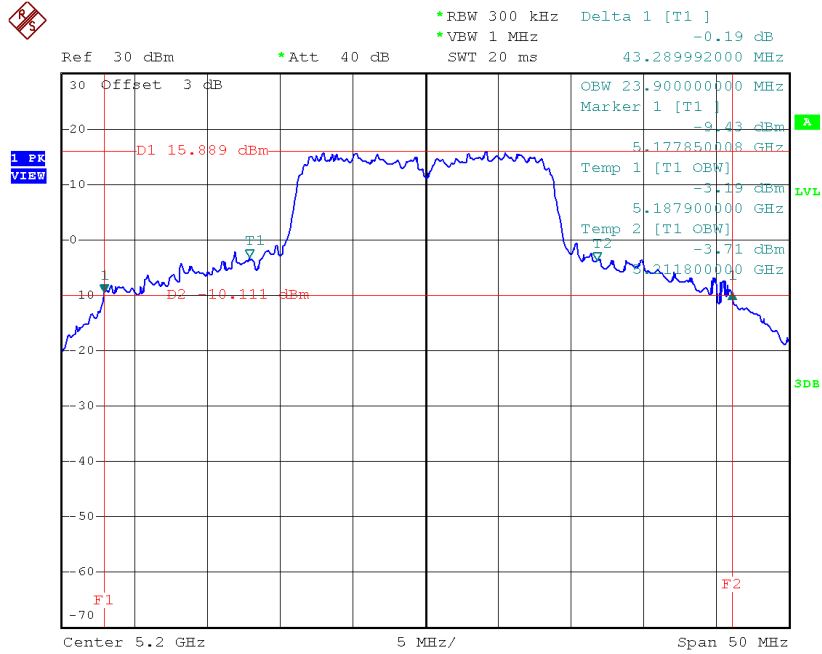
Date: 16.APR.2018 11:19:50

TX CH48
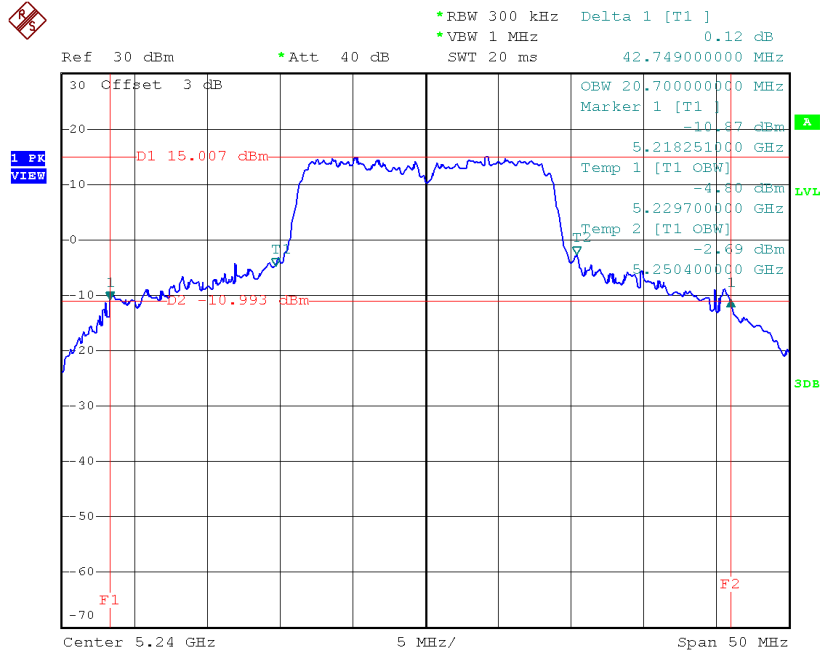
R&S

*RBW 300 kHz   Delta 1 [T1]
*VBW 1 MHz   0.12 dB
Ref 30 dBm   *Att 40 dB   SWT 20 ms   42.749000000 MHz

30 Offset 3 dB   OBW 20.700000000 MHz
                                    Marker 1 [T1]
-20   -10.87 dBm   A
                                    5.218251000 GHz
D1 15.007 dBm   Temp 1 [T1 OBW]
-10   -4.80 dBm   LVL
                                    5.229700000 GHz
-0   Temp 2 [T1 OBW]
                T1   T2   -2.69 dBm
-10   5.250400000 GHz
        D2 -10.993 dBm

-20
                                                            3DB
-30

-40

-50

-60
    F1   F2
-70
Center 5.24 GHz   5 MHz/   Span 50 MHz

Date: 16.APR.2018 11:20:24

		Test Mode: UNII-1/TX N40 Mode_CH38/CH46	

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.30	37.20
CH46	5230	93.00	45.20

TX CH38

OBW 37.200000000 MHz
Marker 1 [T1]
                    -13.81 dBm
                    5.167700000 GHz
Temp 1 [T1 OBW]
                    4.22 dBm
                    5.171400000 GHz
Temp 2 [T1 OBW]
                    4.98 dBm
                    5.208600000 GHz

30 Offset 3 dB

D1 12.094 dBm

D2 -13.90 dBm

Center 5.19 GHz   10 MHz/   Span 100 MHz
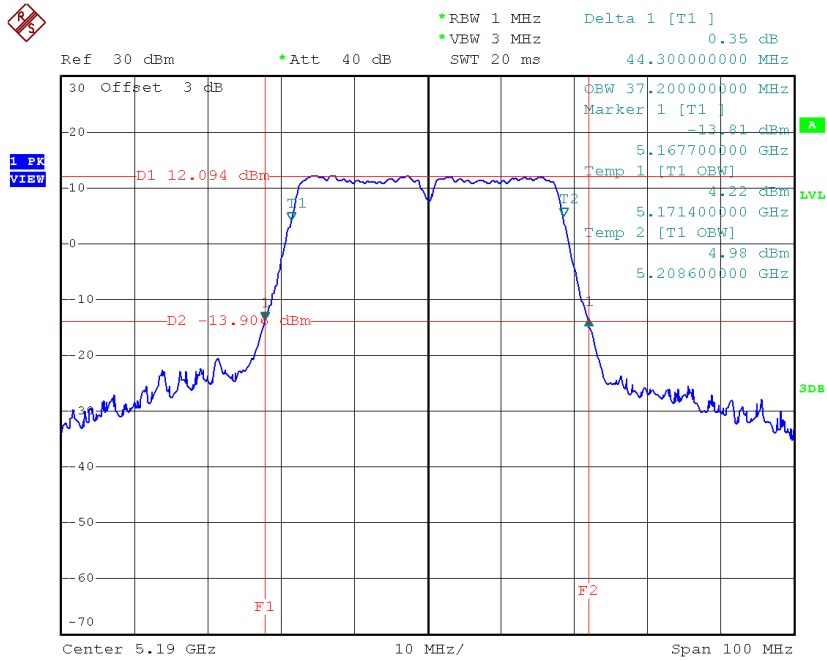
Date: 16.APR.2018 11:50:50

TX CH46

OBW 45.200000000 MHz
Marker 1 [T1]
                    -7.42 dBm
                    5.181902000 GHz
Temp 1 [T1 OBW]
                    0.46 dBm
                    5.206400000 GHz
Temp 2 [T1 OBW]
                    -0.67 dBm
                    5.2??000000 GHz

30 Offset 3 dB

D1 18.507 dBm

D2 -7.493 dBm

Center 5.23 GHz   10 MHz/   Span 100 MHz
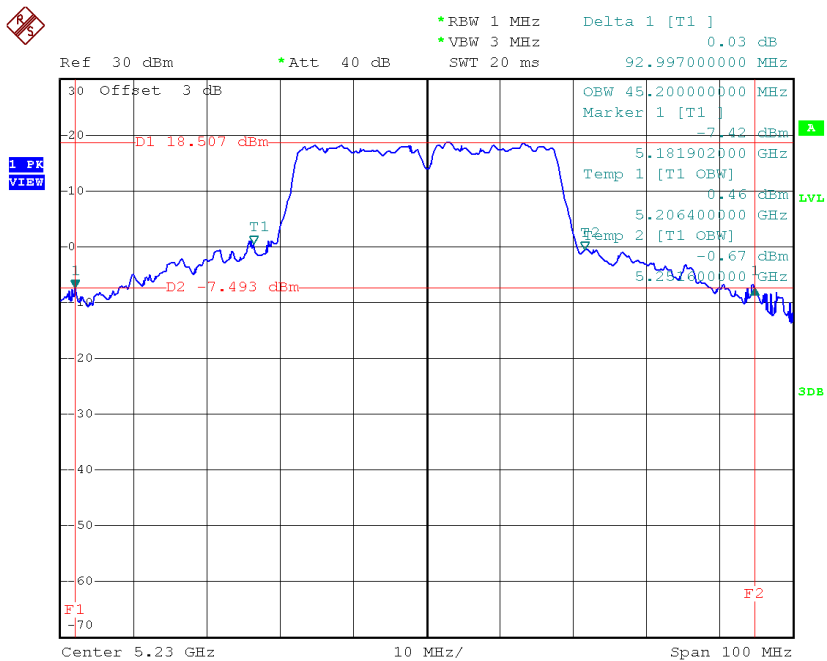
Date: 16.APR.2018 11:51:38

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.90	23.60	>=500
CH157	5785	17.80	23.20	>=500
CH165	5825	17.80	23.50	>=500

TX CH 149

Date: 16.APR.2018 11:21:12

TX CH 157
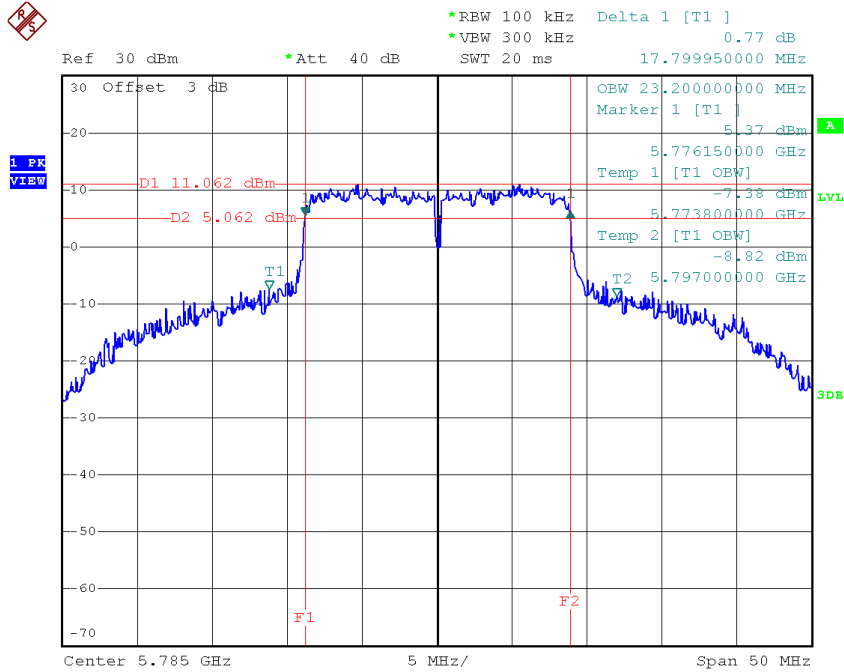
Date: 16.APR.2018 11:22:37

TX CH 165
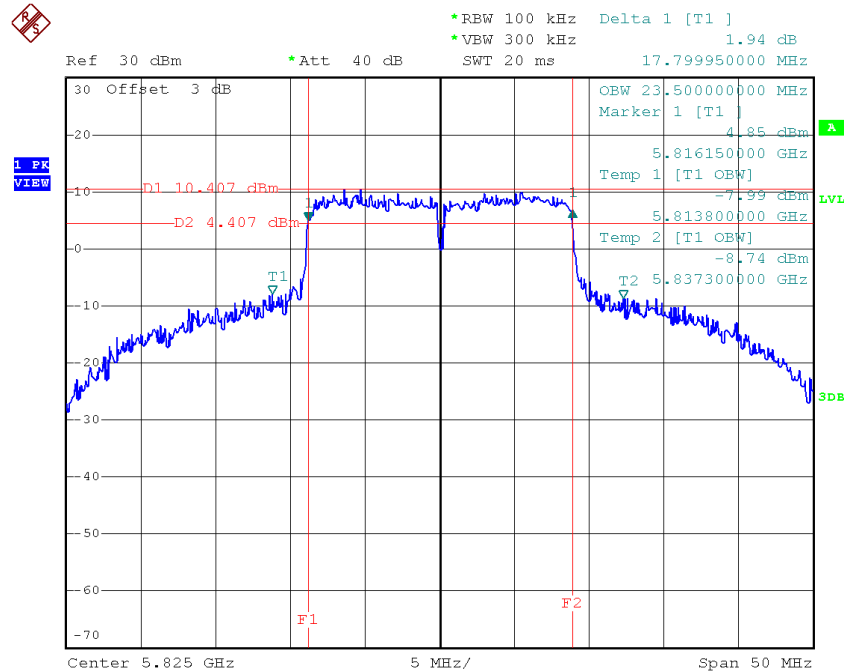
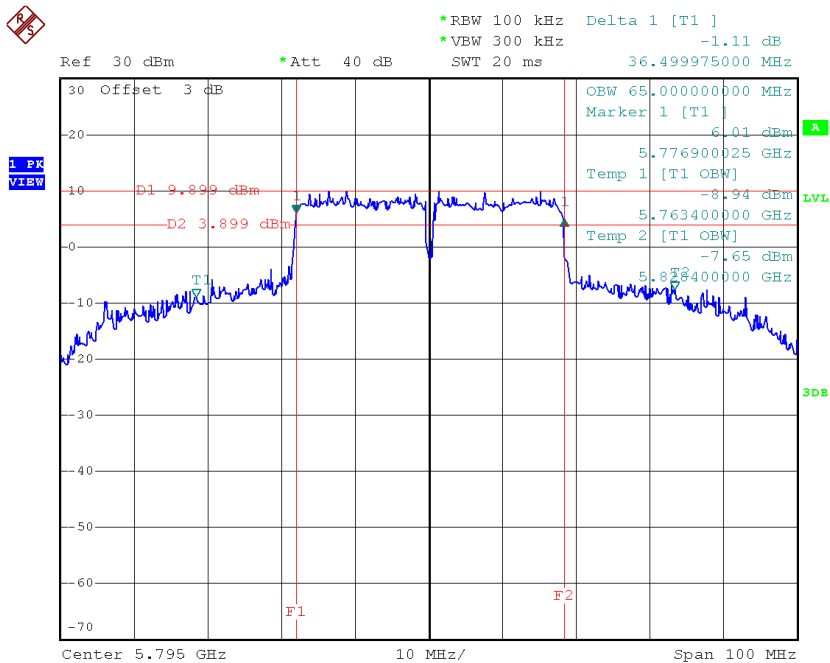Date: 16.APR.2018 11:23:32

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	62.80	>=500
CH159	5795	36.80	62.00	>=500

TX CH 151
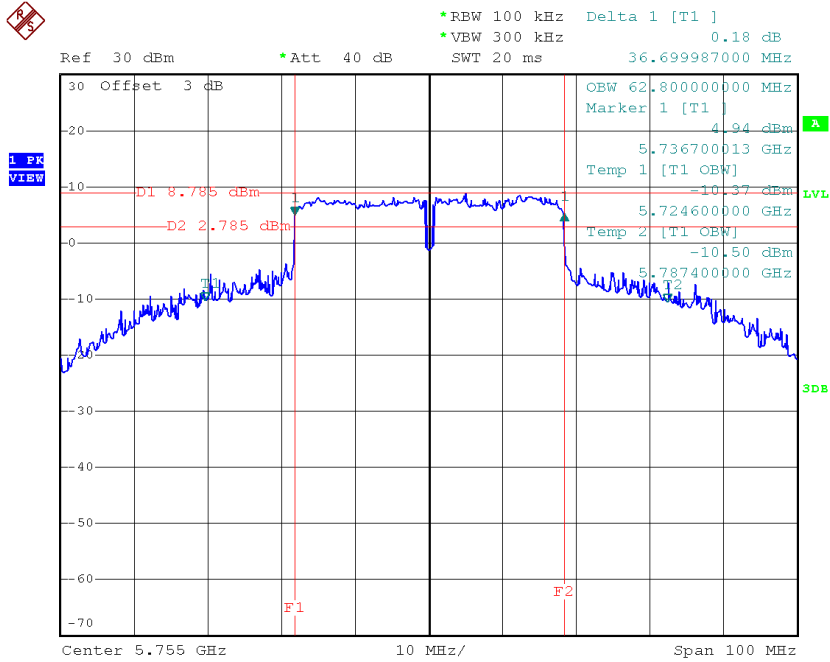
Date: 16.APR.2018 11:52:57

TX CH 159
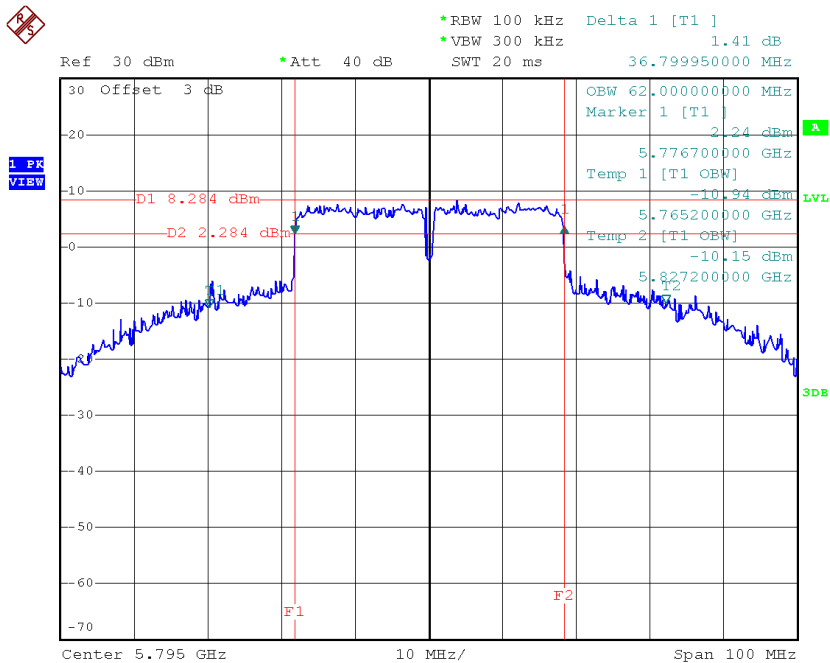
Date: 16.APR.2018 11:53:51

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.20	18.00
CH40	5200	40.45	19.70
CH48	5240	40.39	19.40

TX CH36
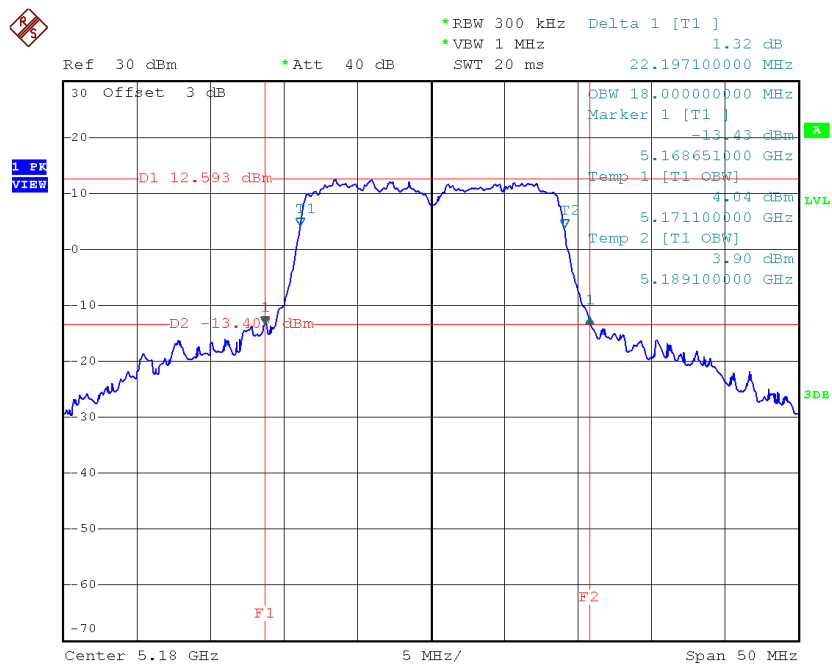
Date: 16.APR.2018 11:41:04

TX CH40
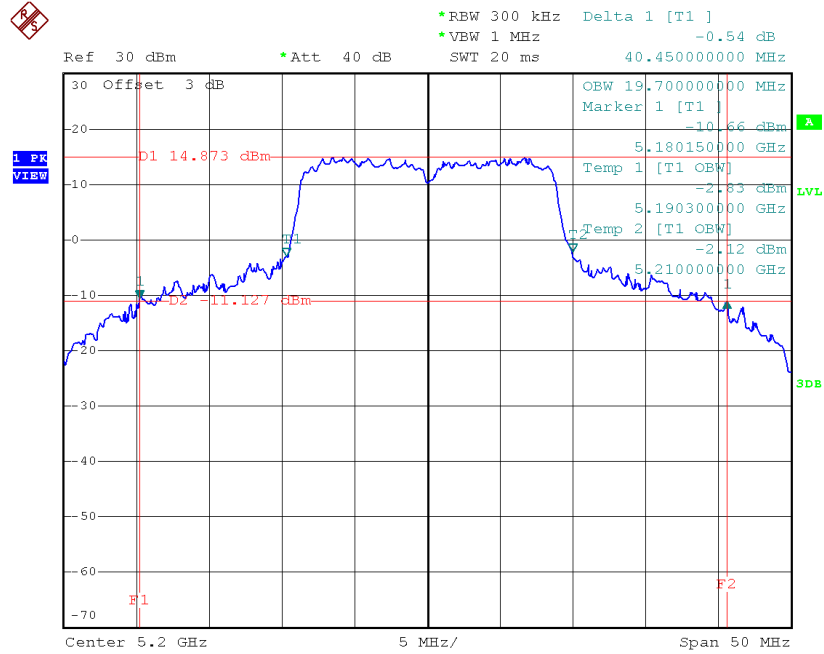
Date: 16.APR.2018 11:43:00

TX CH48
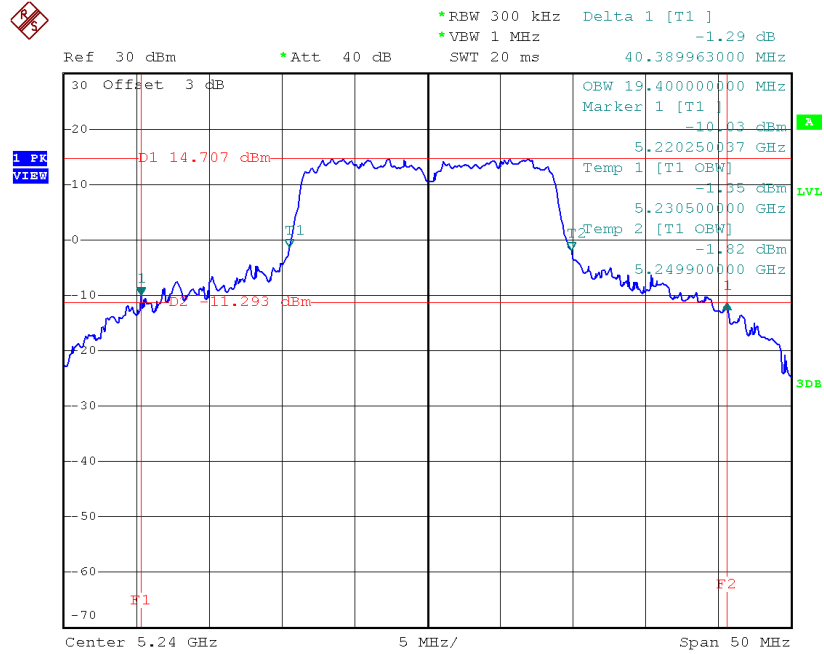
Date: 16.APR.2018 11:43:40

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.90	36.80
CH46	5230	91.39	40.20

TX CH38
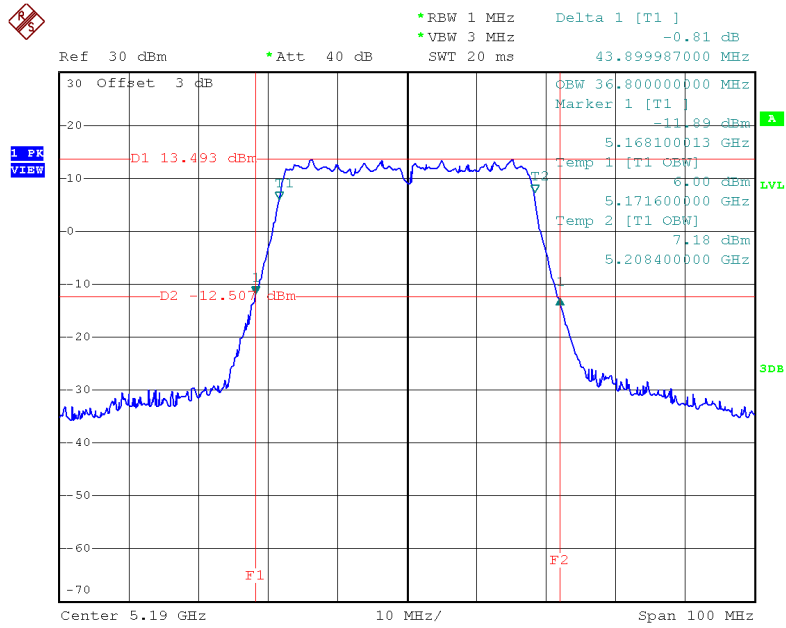
Date: 16.APR.2018 12:19:05

TX CH46
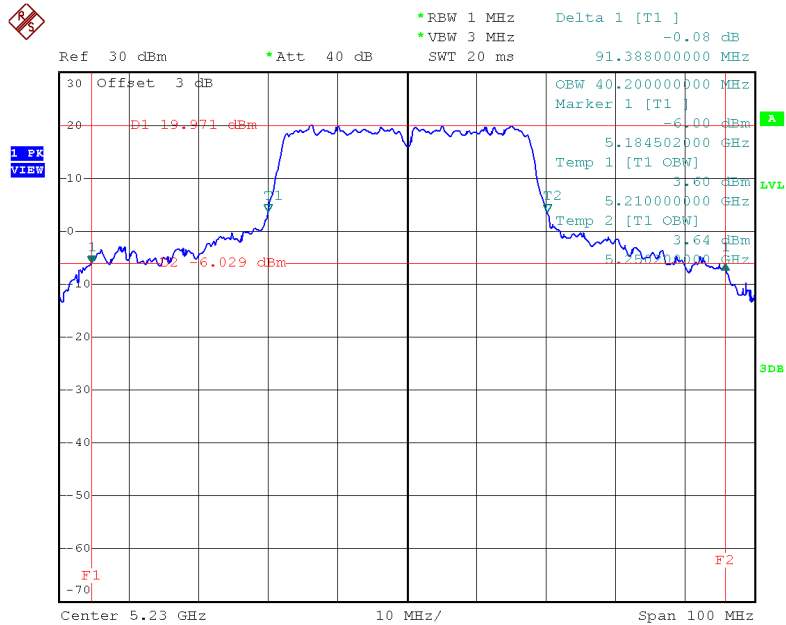
Date: 16.APR.2018 12:19:57

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	84.00	76.40

TX CH42
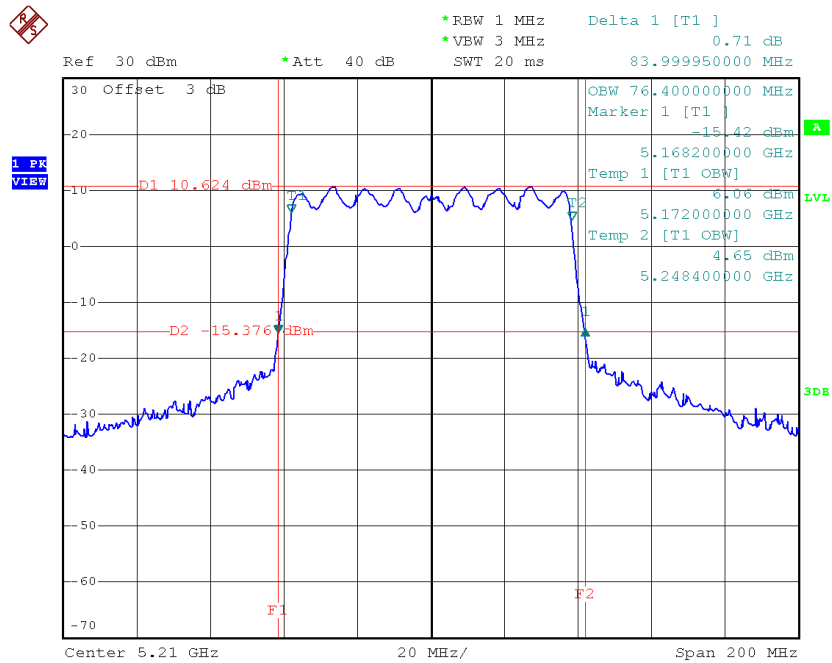
Date: 16.APR.2018 12:23:42

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	29.90	>=500
CH157	5785	17.75	27.60	>=500
CH165	5825	17.80	30.90	>=500

TX CH 149
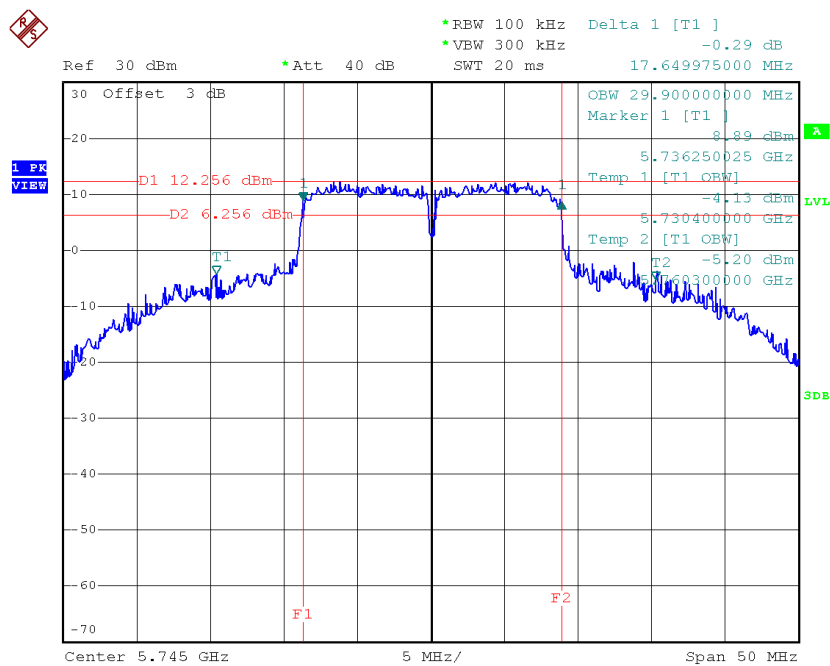
Date: 16.APR.2018 11:46:09

TX CH 157
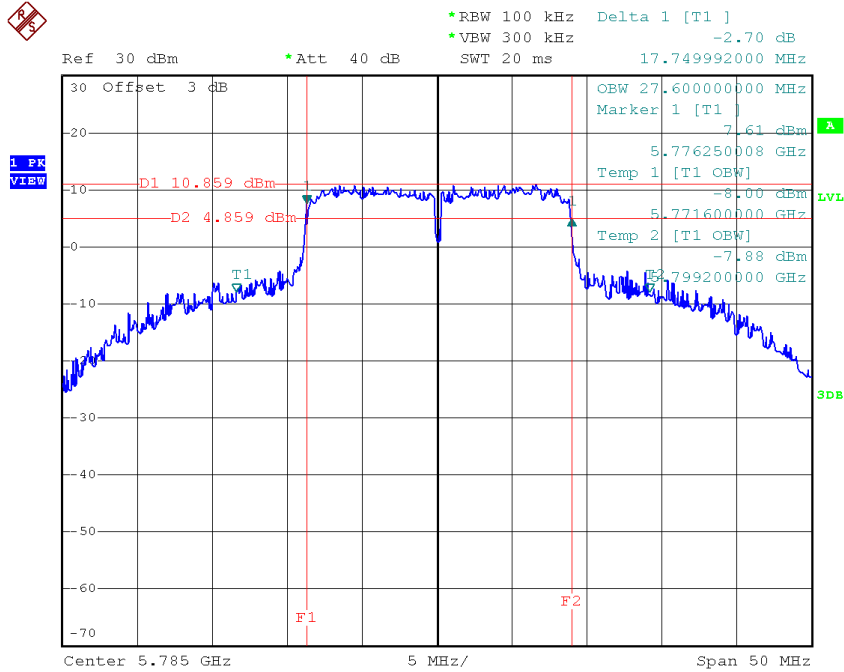
Date: 16.APR.2018 11:47:00

TX CH 165
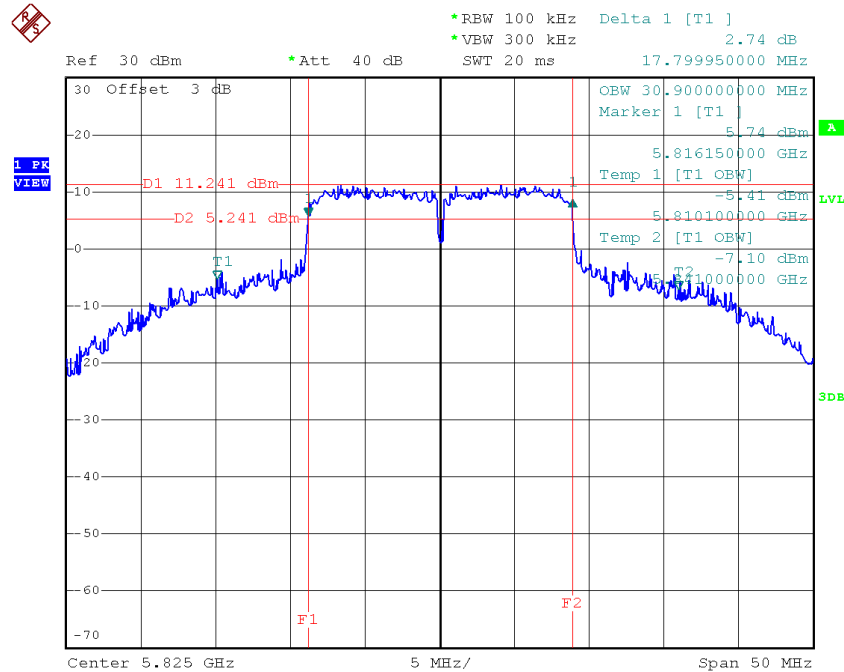
Date: 16.APR.2018 11:48:18

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	66.80	>=500
CH159	5795	36.50	65.00	>=500

TX CH 151

```
                                          *RBW  100 kHz    Delta 1 [T1 ]
                                          *VBW  300 kHz              -1.37 dB
     Ref  30 dBm            *Att  40 dB    SWT  20 ms       36.699987000 MHz
     30  Offset  3 dB                     OBW 66.800000000 MHz
                                          Marker 1 [T1 ]
     -20                                            8.24 dBm            A
                                            5.736700013 GHz
1 PK                                      Temp 1 [T1 OBW]
VIEW  -10   D1 10.625 dBm                          -8.12 dBm        LVL
            D2 4.625 dBm                    5.722400000 GHz
     -0                                    Temp 2 [T1 OBW]
                                                   -6.75 dBm
     -10      T1                                 T2 5.785200000 GHz
     -20
                                                                   3DB
     -30
     -40
     -50
     -60
             F1                          F2
     -70
     Center 5.755 GHz      10 MHz/           Span 100 MHz
```
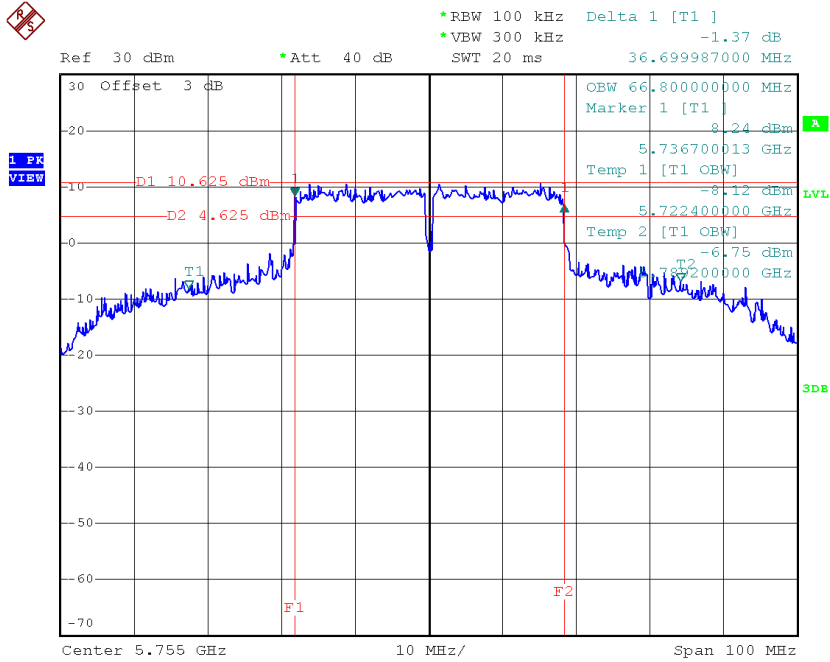
Date: 16.APR.2018 12:20:56

TX CH 159

```
                                          *RBW  100 kHz    Delta 1 [T1 ]
                                          *VBW  300 kHz              -1.11 dB
     Ref  30 dBm            *Att  40 dB    SWT  20 ms       36.499975000 MHz
     30  Offset  3 dB                     OBW 65.000000000 MHz
                                          Marker 1 [T1 ]
     -20                                            6.01 dBm            A
                                            5.776900025 GHz
1 PK                                      Temp 1 [T1 OBW]
VIEW  10    D1 9.899 dBm                           -8.94 dBm        LVL
            D2 3.899 dBm                    5.763400000 GHz
     -0                                    Temp 2 [T1 OBW]
                                                   -7.65 dBm
     -10      T1                                 T2 5.828400000 GHz
     -20
                                                                   3DB
     -30
     -40
     -50
     -60
             F1                          F2
     -70
     Center 5.795 GHz      10 MHz/           Span 100 MHz
```

Date: 16.APR.2018 12:21:48

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.60	119.60	>=500

TX CH 155
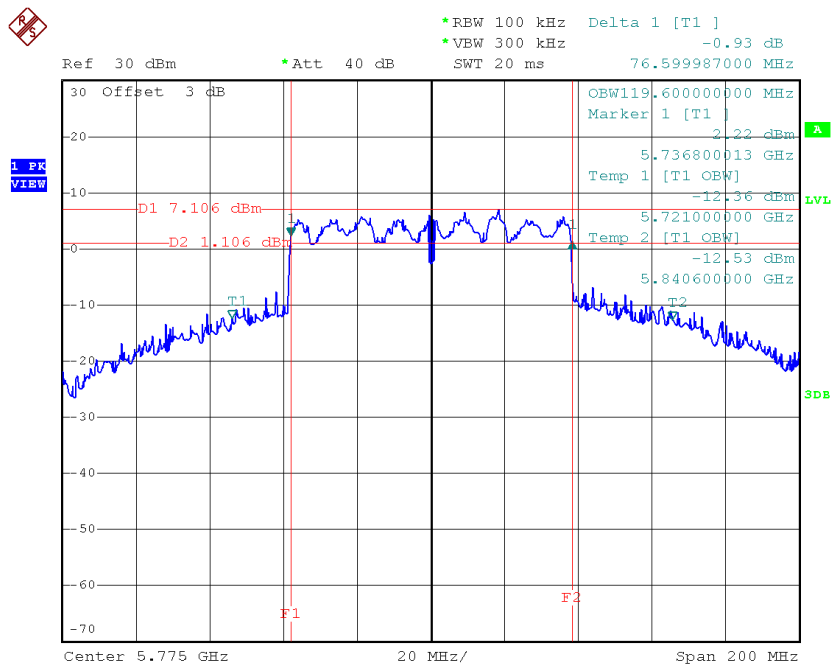
Date: 16.APR.2018 12:24:48

APPENDIX F - MAXIMUM OUTPUT POWER

Non-Beamforming

Test Mode: UNII-1/TX A Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.17	0.00	24.17	30.00	1.00
CH40	5200	27.44	0.00	27.44	30.00	1.00
CH48	5240	27.55	0.00	27.55	30.00	1.00

Test Mode: UNII-3/ TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.25	0.00	27.25	30.00	1.00
CH157	5785	27.27	0.00	27.27	30.00	1.00
CH165	5825	27.06	0.00	27.06	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.14	0.00	24.14	30.00	1.00
CH40	5200	24.61	0.00	24.61	30.00	1.00
CH48	5240	24.64	0.00	24.64	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.37	0.00	24.37	30.00	1.00
CH40	5200	24.78	0.00	24.78	30.00	1.00
CH48	5240	24.11	0.00	24.11	30.00	1.00

Test Mode: UNII-1/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.27	30.00	1.00
CH40	5200	27.71	30.00	1.00
CH48	5240	27.39	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.77	0.00	23.77	30.00	1.00
CH46	5230	24.46	0.00	24.46	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.34	0.00	23.34	30.00	1.00
CH46	5230	24.88	0.00	24.88	30.00	1.00

Test Mode: UNII-1/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	26.57	30.00	1.00
CH46	5230	27.69	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.45	0.00	24.45	30.00	1.00
CH157	5785	24.23	0.00	24.23	30.00	1.00
CH165	5825	24.24	0.00	24.24	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.33	0.00	24.33	30.00	1.00
CH157	5785	24.24	0.00	24.24	30.00	1.00
CH165	5825	24.36	0.00	24.36	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.40	30.00	1.00
CH157	5785	27.25	30.00	1.00
CH165	5825	27.31	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.52	0.00	24.52	30.00	1.00
CH159	5795	24.69	0.00	24.69	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.51	0.00	24.51	30.00	1.00
CH159	5795	24.43	0.00	24.43	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.53	30.00	1.00
CH159	5795	27.57	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.12	0.00	24.12	30.00	1.00
CH40	5200	24.49	0.00	24.49	30.00	1.00
CH48	5240	24.38	0.00	24.38	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.41	0.00	24.41	30.00	1.00
CH40	5200	24.52	0.00	24.52	30.00	1.00
CH48	5240	24.72	0.00	24.72	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.28	30.00	1.00
CH40	5200	27.52	30.00	1.00
CH48	5240	27.56	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	22.15	0.00	22.15	30.00	1.00
CH46	5230	24.73	0.00	24.73	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.56	0.00	21.56	30.00	1.00
CH46	5230	24.64	0.00	24.64	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	24.88	30.00	1.00
CH46	5230	27.70	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.31	0.00	20.31	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.35	0.00	20.35	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	23.34	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.35	0.00	24.35	30.00	1.00
CH157	5785	24.23	0.00	24.23	30.00	1.00
CH165	5825	24.49	0.00	24.49	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.61	0.00	24.61	30.00	1.00
CH157	5785	24.13	0.00	24.13	30.00	1.00
CH165	5825	24.45	0.00	24.45	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.49	30.00	1.00
CH157	5785	27.19	30.00	1.00
CH165	5825	27.48	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.58	0.00	24.58	30.00	1.00
CH159	5795	24.53	0.00	24.53	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.56	0.00	24.56	30.00	1.00
CH159	5795	24.79	0.00	24.79	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.58	30.00	1.00
CH159	5795	27.67	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.77	0.00	24.77	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.23	0.00	24.23	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	27.52	30.00	1.00

With Beamforming

Test Mode: UNII-1/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.12	0.00	24.12	30.00	1.00
CH40	5200	24.45	0.00	24.45	30.00	1.00
CH48	5240	24.57	0.00	24.57	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.21	0.00	24.21	30.00	1.00
CH40	5200	24.63	0.00	24.63	30.00	1.00
CH48	5240	23.95	0.00	23.95	30.00	1.00

Test Mode: UNII-1/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.18	30.00	1.00
CH40	5200	27.55	30.00	1.00
CH48	5240	27.28	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.17	0.00	23.17	30.00	1.00
CH46	5230	24.36	0.00	24.36	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.24	0.00	23.24	30.00	1.00
CH46	5230	24.48	0.00	24.48	30.00	1.00

Test Mode: UNII-1/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	26.22	30.00	1.00
CH46	5230	27.43	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.25	0.00	24.25	30.00	1.00
CH157	5785	24.08	0.00	24.08	30.00	1.00
CH165	5825	24.13	0.00	24.13	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.17	0.00	24.17	30.00	1.00
CH157	5785	24.12	0.00	24.12	30.00	1.00
CH165	5825	24.26	0.00	24.26	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.22	30.00	1.00
CH157	5785	27.11	30.00	1.00
CH165	5825	27.21	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.52	0.00	24.52	30.00	1.00
CH159	5795	24.49	0.00	24.49	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.51	0.00	24.51	30.00	1.00
CH159	5795	24.54	0.00	24.54	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.53	30.00	1.00
CH159	5795	27.53	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.01	0.00	24.01	30.00	1.00
CH40	5200	24.23	0.00	24.23	30.00	1.00
CH48	5240	24.31	0.00	24.31	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.32	0.00	24.32	30.00	1.00
CH40	5200	24.37	0.00	24.37	30.00	1.00
CH48	5240	24.54	0.00	24.54	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.18	30.00	1.00
CH40	5200	27.31	30.00	1.00
CH48	5240	27.44	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	22.09	0.00	22.09	30.00	1.00
CH46	5230	24.63	0.00	24.63	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.56	0.00	21.56	30.00	1.00
CH46	5230	24.54	0.00	24.54	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	24.84	30.00	1.00
CH46	5230	27.60	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.17	0.00	20.17	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.24	0.00	20.24	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	23.22	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.29	0.00	24.29	30.00	1.00
CH157	5785	24.13	0.00	24.13	30.00	1.00
CH165	5825	24.29	0.00	24.29	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.43	0.00	24.43	30.00	1.00
CH157	5785	24.05	0.00	24.05	30.00	1.00
CH165	5825	24.25	0.00	24.25	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.37	30.00	1.00
CH157	5785	27.10	30.00	1.00
CH165	5825	27.28	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.38	0.00	24.38	30.00	1.00
CH159	5795	24.47	0.00	24.47	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.43	0.00	24.43	30.00	1.00
CH159	5795	24.61	0.00	24.61	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.42	30.00	1.00
CH159	5795	27.55	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.54	0.00	24.54	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.19	0.00	24.19	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	27.38	30.00	1.00

APPENDIX G - POWER SPECTRAL DENSITY

Non-Beamforming

Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.36	0.00	11.36	17.00
CH40	5200	14.68	0.00	14.68	17.00
CH48	5240	14.41	0.00	14.41	17.00

CH36
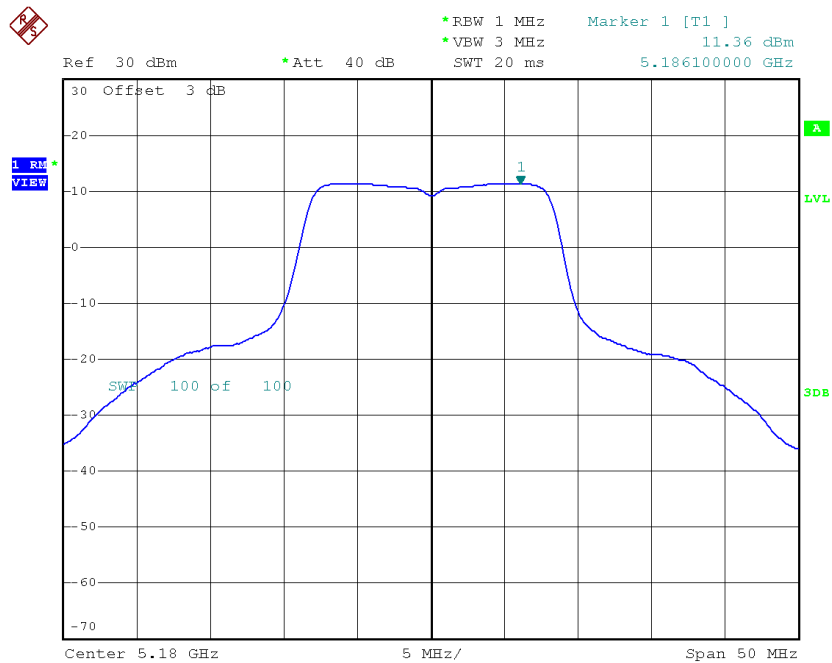
Date: 14.APR.2018 18:45:04

CH40

*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 14.68 dBm
Ref 30 dBm *Att 40 dB SWT 20 ms 5.205100000 GHz

30 Offset 3 dB

1 RM*
VIEW

SWP 100 of 100

Center 5.2 GHz 5 MHz/ Span 50 MHz
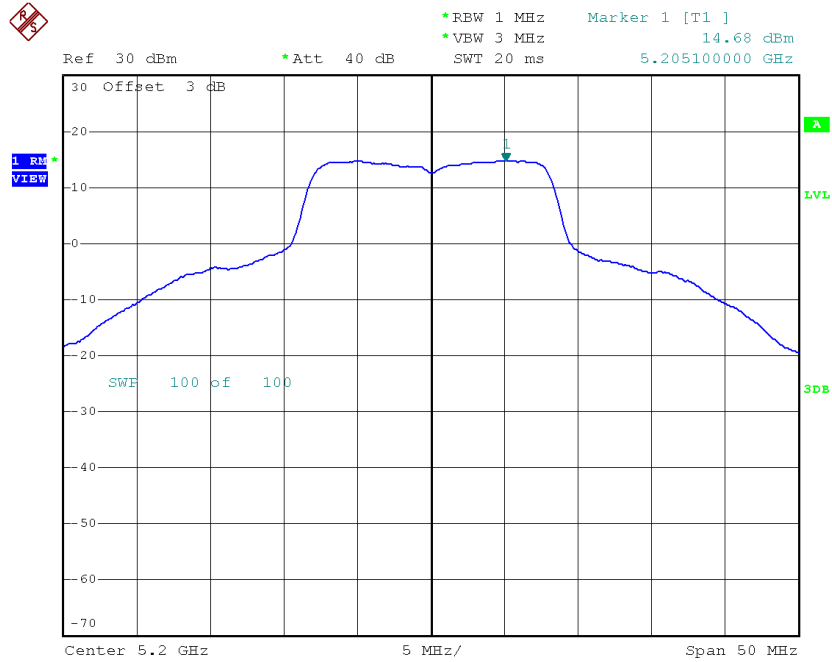
Date: 14.APR.2018 18:45:52

CH48

*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 14.41 dBm
Ref 30 dBm *Att 40 dB SWT 20 ms 5.245000000 GHz

30 Offset 3 dB

1 RM*
VIEW

SWP 100 of 100

Center 5.24 GHz 5 MHz/ Span 50 MHz
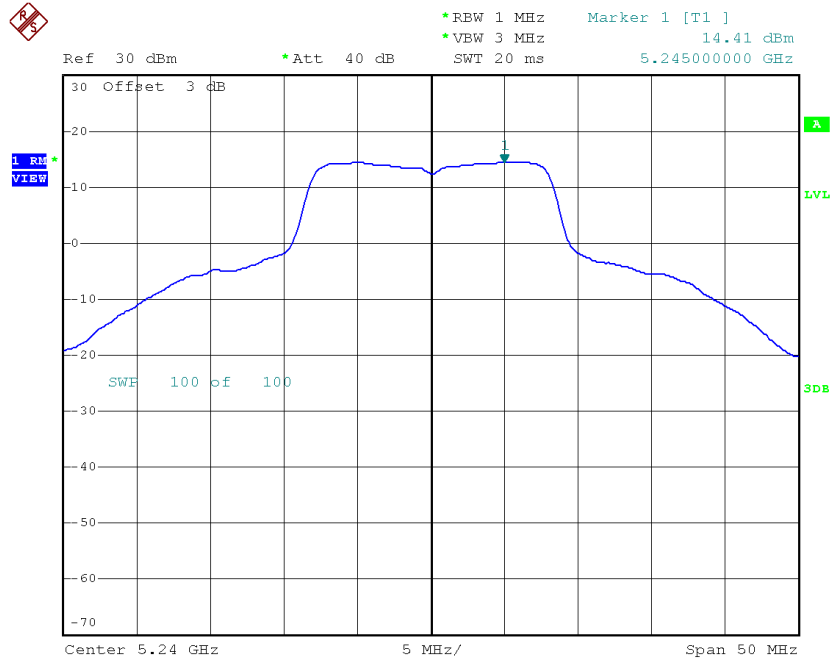
Date: 14.APR.2018 18:46:29

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.37	0.00	11.37	16.99
CH40	5200	12.78	0.00	12.78	16.99
CH48	5240	12.32	0.00	12.32	16.99
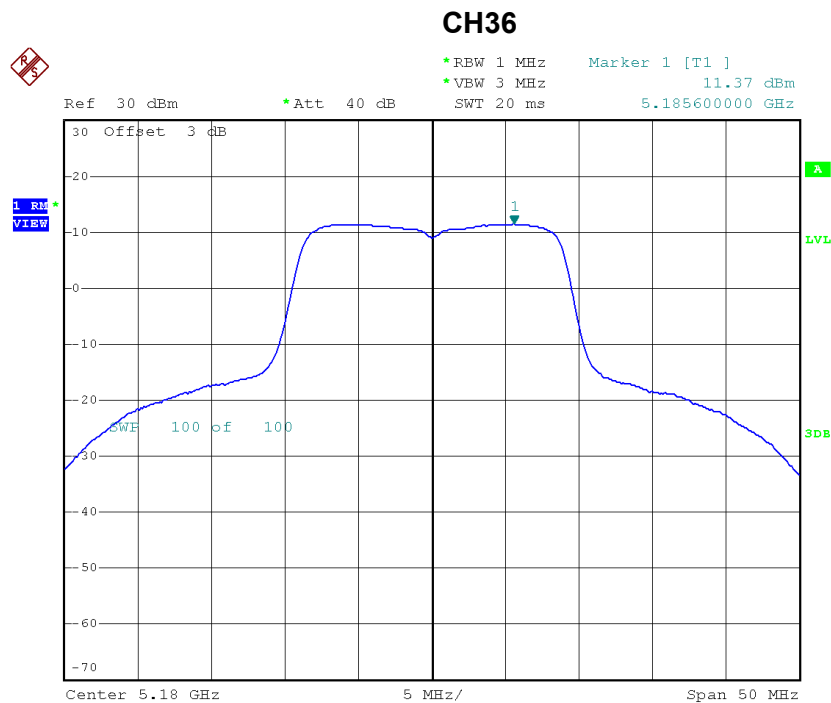
CH36

Date: 14.APR.2018 19:16:03

CH40

R&S

```
                                    * RBW 1 MHz      Marker 1 [T1 ]
                                    * VBW 3 MHz              12.78 dBm
     Ref  30 dBm        * Att  40 dB    SWT 20 ms       5.205300000 GHz
```



```
Center 5.2 GHz               5 MHz/              Span 50 MHz
```
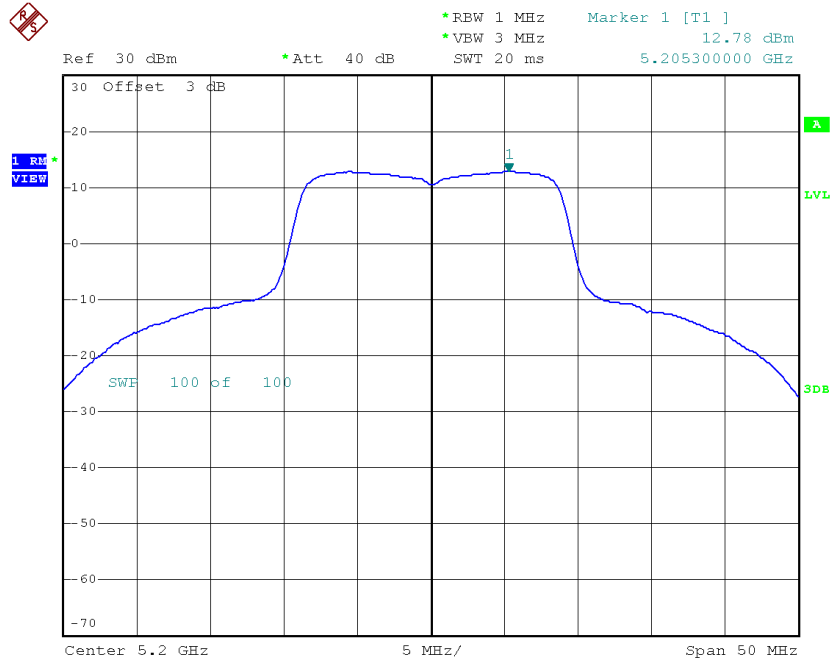
Date: 14.APR.2018 19:16:44

CH48
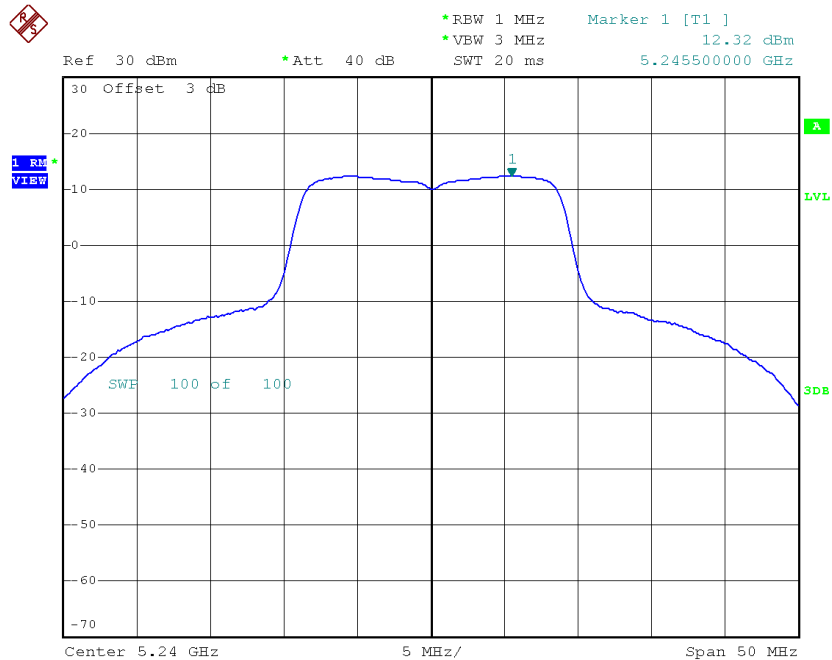
R&S

```
                                    * RBW 1 MHz      Marker 1 [T1 ]
                                    * VBW 3 MHz              12.32 dBm
     Ref  30 dBm        * Att  40 dB    SWT 20 ms       5.245500000 GHz
```



```
Center 5.24 GHz              5 MHz/              Span 50 MHz
```

Date: 14.APR.2018 19:17:14

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.39	0.00	11.39	16.99
CH40	5200	13.71	0.00	13.71	16.99
CH48	5240	13.29	0.00	13.29	16.99

CH36
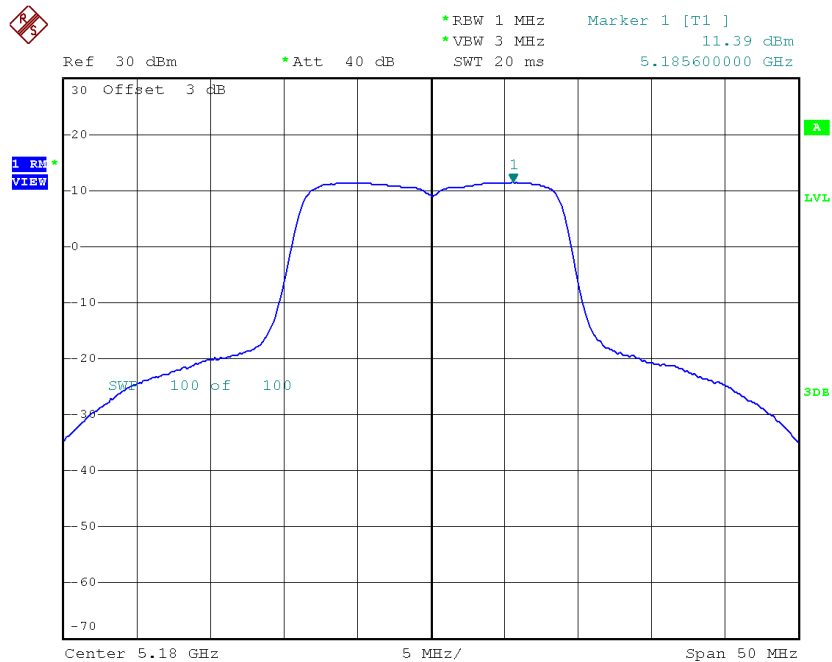
Date: 14.APR.2018 19:21:56

CH40

```
                              *RBW 1 MHz      Marker 1 [T1 ]
                              *VBW 3 MHz              13.71 dBm
   Ref  30 dBm      *Att  40 dB    SWT 20 ms      5.205500000 GHz
   30 Offset  3 dB
-20                                                              A
-10
                                        1
  0                                     ▼              LVL
-10
-20
   SWP   100 of  100                                   3DB
-30
-40
-50
-60
-70
   Center 5.2 GHz          5 MHz/          Span 50 MHz
```
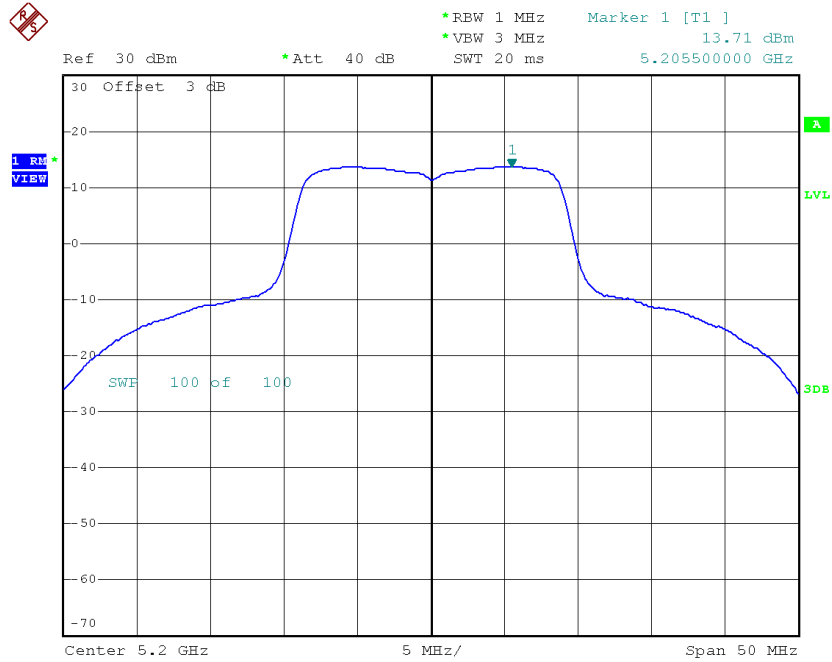
Date: 14.APR.2018 19:22:39

CH48
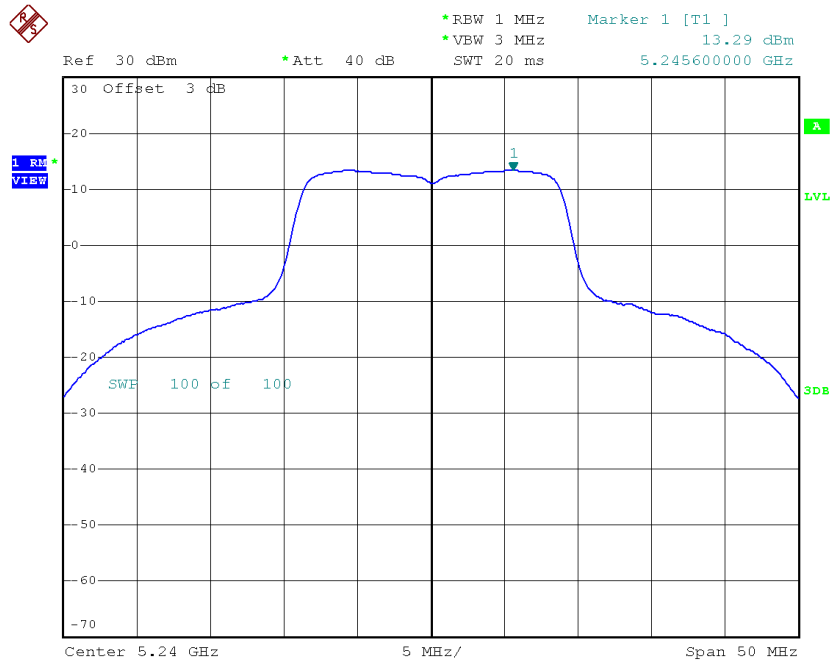
```
                              *RBW 1 MHz      Marker 1 [T1 ]
                              *VBW 3 MHz              13.29 dBm
   Ref  30 dBm      *Att  40 dB    SWT 20 ms      5.245600000 GHz
   30 Offset  3 dB
-20                                                              A
-10
                                        1
  0                                     ▼              LVL
-10
-20
   SWP   100 of  100                                   3DB
-30
-40
-50
-60
-70
   Center 5.24 GHz         5 MHz/          Span 50 MHz
```

Date: 14.APR.2018 19:23:09

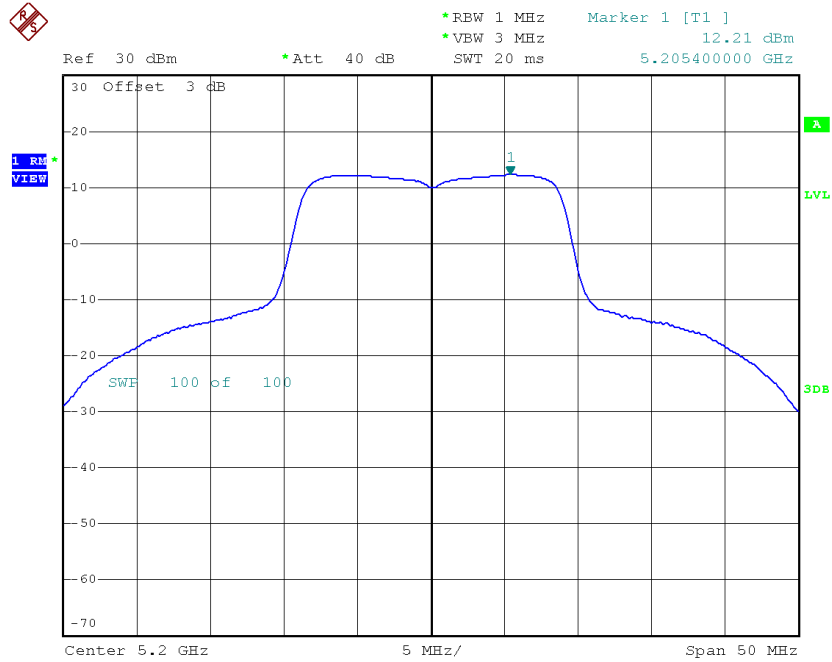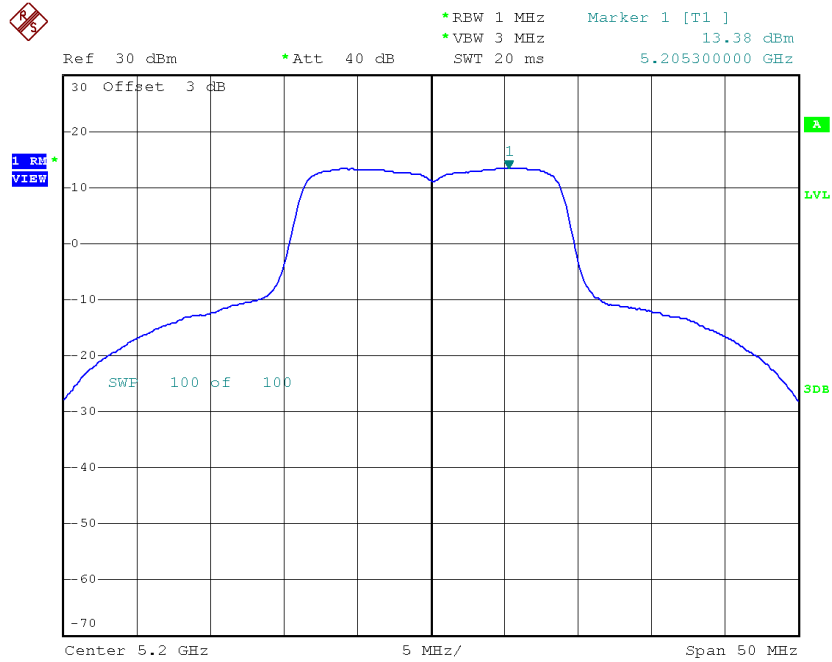| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	14.39	16.99
CH40	5200	16.28	16.99
CH48	5240	15.84	16.99

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.53	0.00	4.53	16.99
CH46	5230	10.47	0.00	10.47	16.99

CH38


```
                                    *RBW 1 MHz      Marker 1 [T1 ]
                                    *VBW 3 MHz                 4.53 dBm
      Ref  30 dBm      *Att  40 dB   SWT 20 ms       5.204800000 GHz
```
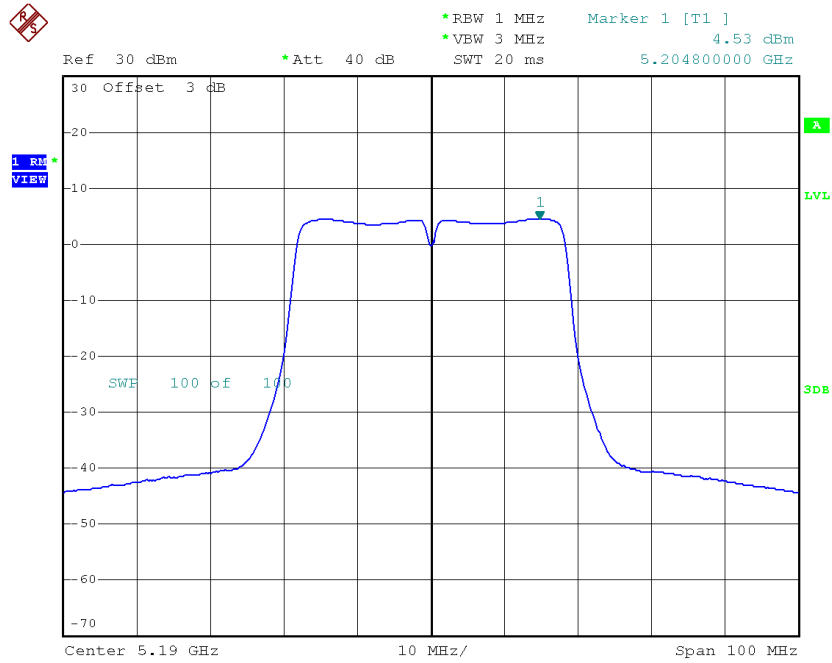
Date: 14.APR.2018 19:59:03

CH46


```
                                    *RBW 1 MHz      Marker 1 [T1 ]
                                    *VBW 3 MHz                10.47 dBm
      Ref  30 dBm      *Att  40 dB   SWT 20 ms       5.245200000 GHz
```
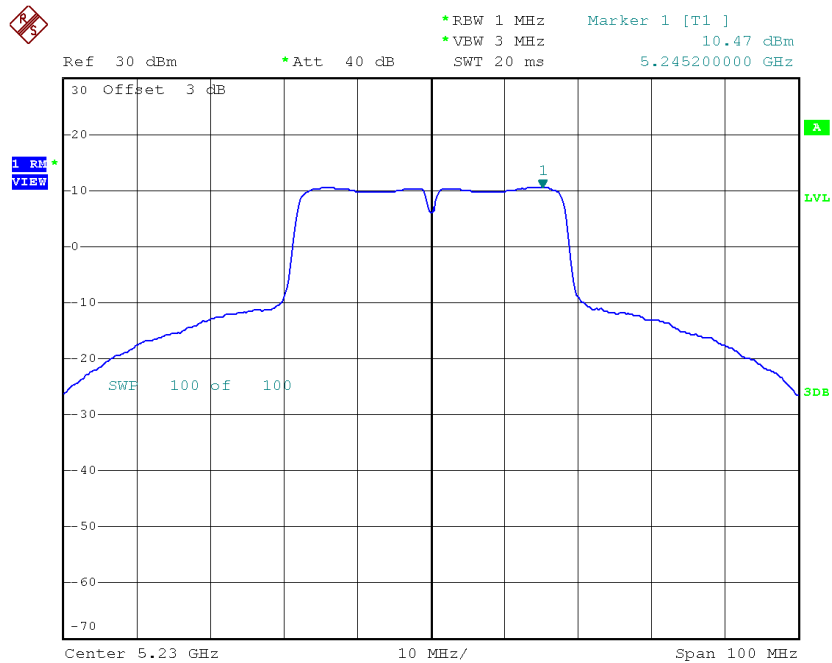
Date: 14.APR.2018 19:59:40

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.72	0.00	4.72	16.99
CH46	5230	10.88	0.00	10.88	16.99

CH38

30 Offset 3 dB

A

1 RM *
VIEW

LVL

1

SWP   100 of 100

3DB

Center 5.19 GHz   10 MHz/   Span 100 MHz
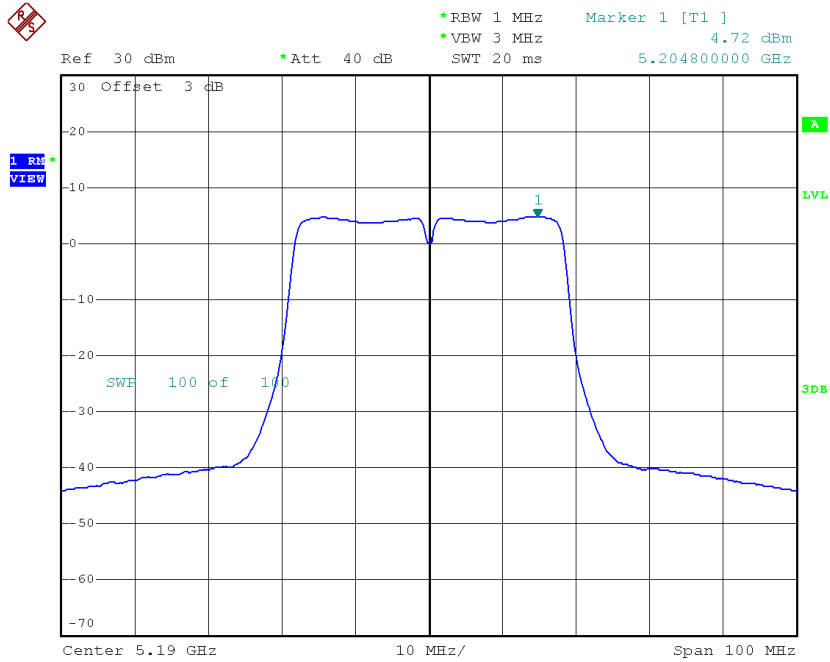
Date: 14.APR.2018 19:48:09

CH46
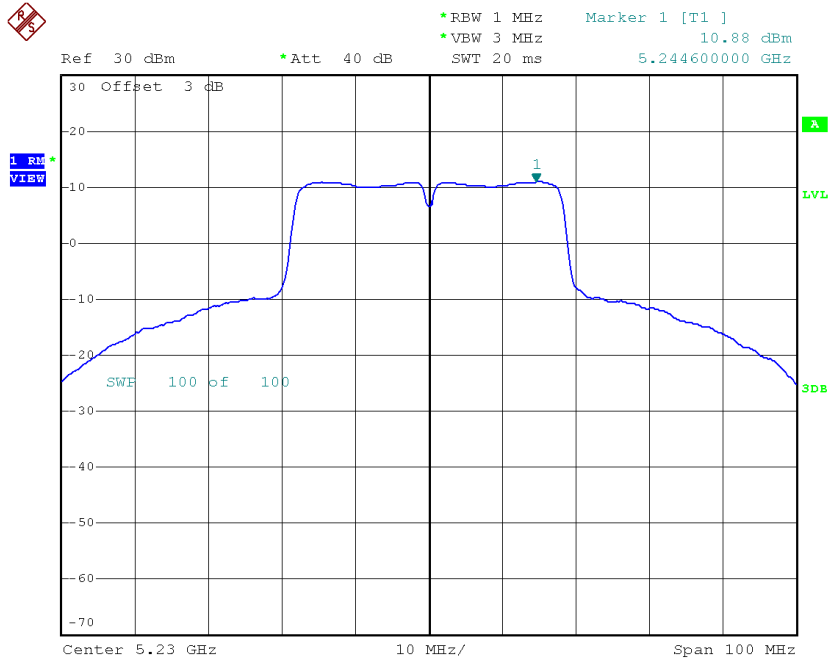
30 Offset 3 dB

A

1 RM *
VIEW

LVL

1

SWP   100 of 100

3DB

Center 5.23 GHz   10 MHz/   Span 100 MHz

Date: 14.APR.2018 19:51:55

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	7.64	16.99
CH46	5230	13.69	16.99

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	12.31	0.00	12.31	30.00
CH157	5785	11.97	0.00	11.97	30.00
CH165	5825	11.59	0.00	11.59	30.00

TX CH149
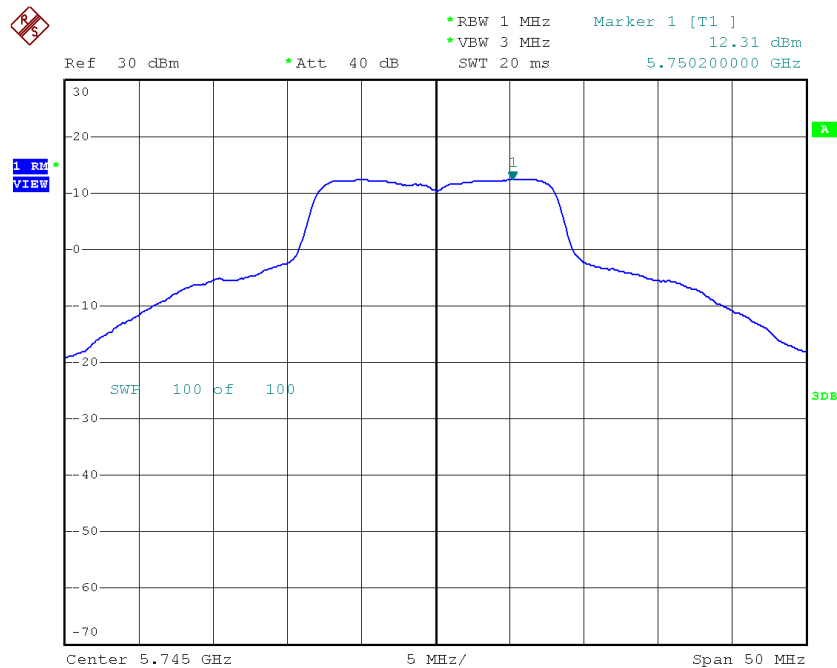
Date: 14.APR.2018 18:48:02

TX CH157


```
                                    *RBW 1 MHz      Marker 1 [T1 ]
                                    *VBW 3 MHz              11.97 dBm
    Ref  30 dBm        *Att  40 dB   SWT 20 ms       5.790400000 GHz
```
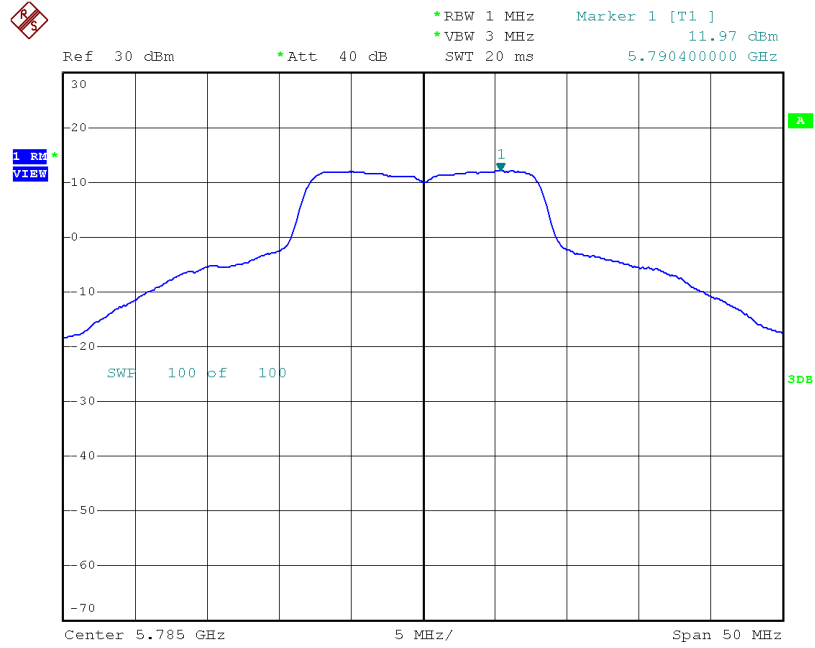
Date: 14.APR.2018 18:48:52

TX CH165


```
                                    *RBW 1 MHz      Marker 1 [T1 ]
                                    *VBW 3 MHz              11.59 dBm
    Ref  30 dBm        *Att  40 dB   SWT 20 ms       5.830100000 GHz
```
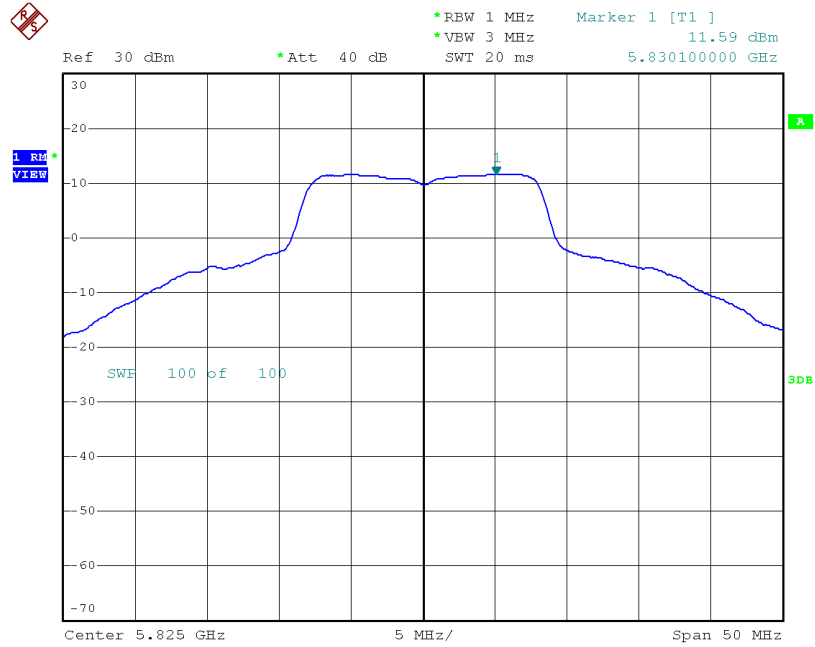
Date: 14.APR.2018 18:54:29

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.05	0.00	10.05	29.99
CH157	5785	8.99	0.00	8.99	29.99
CH165	5825	10.00	0.00	10.00	29.99

TX CH149
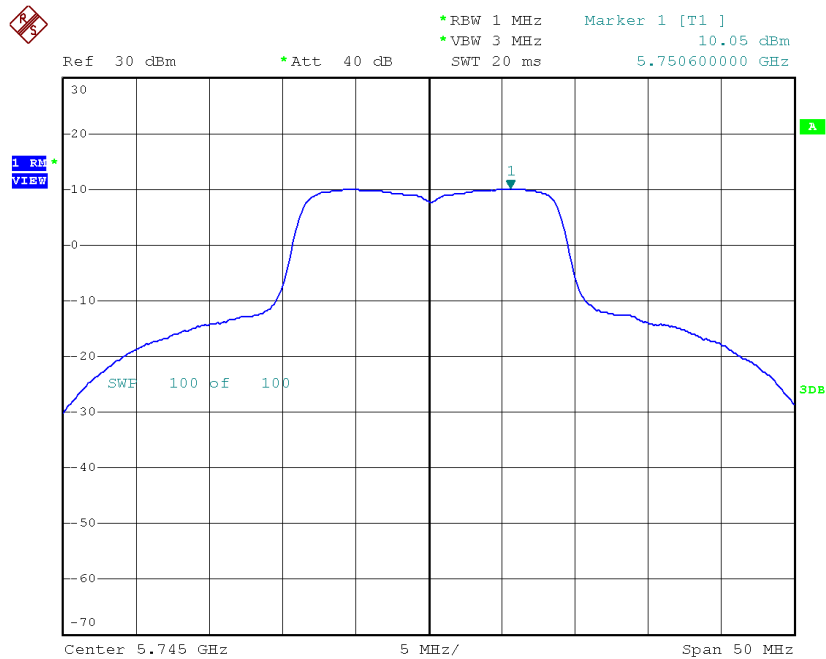
Date: 14.APR.2018 19:30:31

TX CH157


```
                    *RBW  1 MHz      Marker 1 [T1 ]
                    *VBW  3 MHz                 8.99 dBm
  Ref  30 dBm       *Att  40 dB      SWT 20 ms       5.790500000 GHz
```
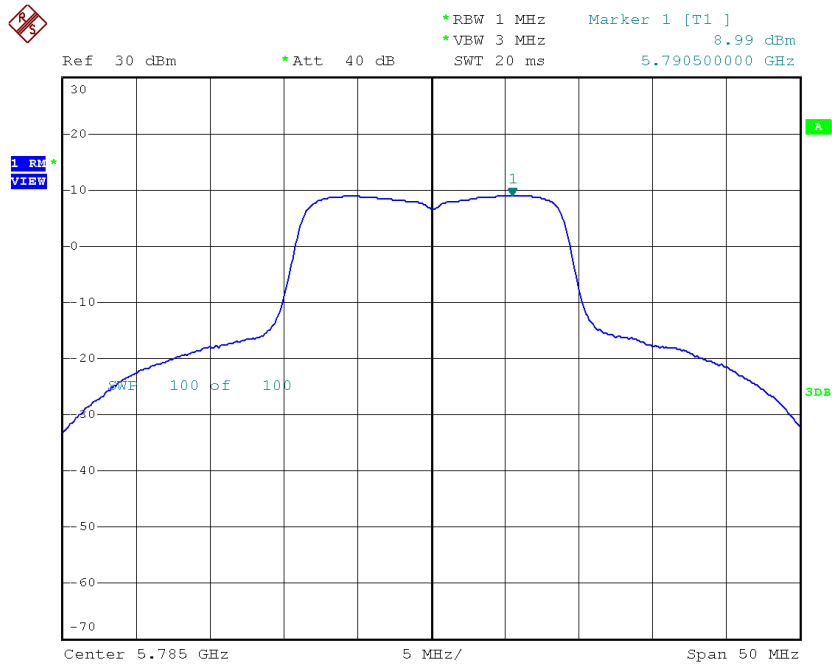
Date: 14.APR.2018 19:31:35

TX CH165
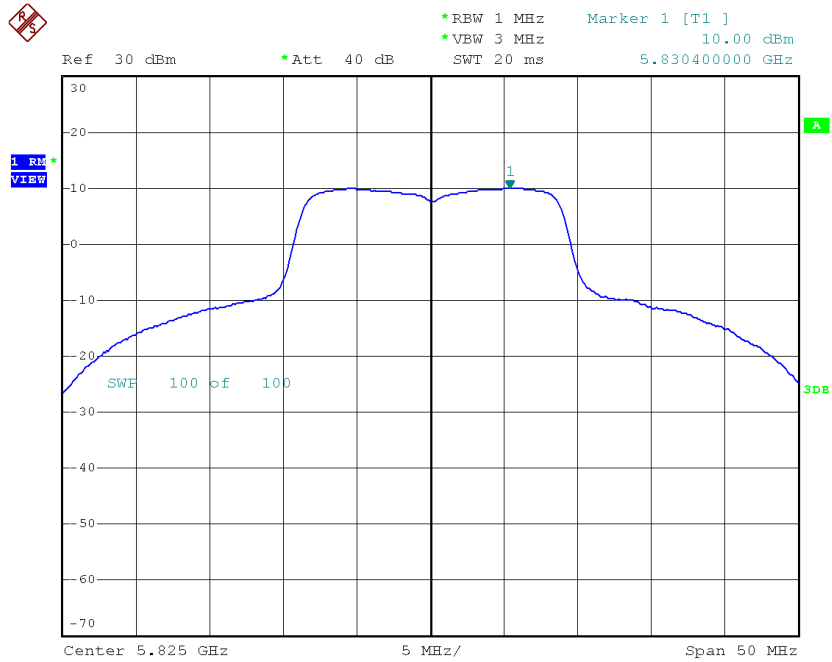

```
                    *RBW  1 MHz      Marker 1 [T1 ]
                    *VBW  3 MHz                10.00 dBm
  Ref  30 dBm       *Att  40 dB      SWT 20 ms       5.830400000 GHz
```

Date: 14.APR.2018 19:32:26

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	11.68	0.00	11.68	29.99
CH157	5785	10.34	0.00	10.34	29.99
CH165	5825	10.86	0.00	10.86	29.99

TX CH149
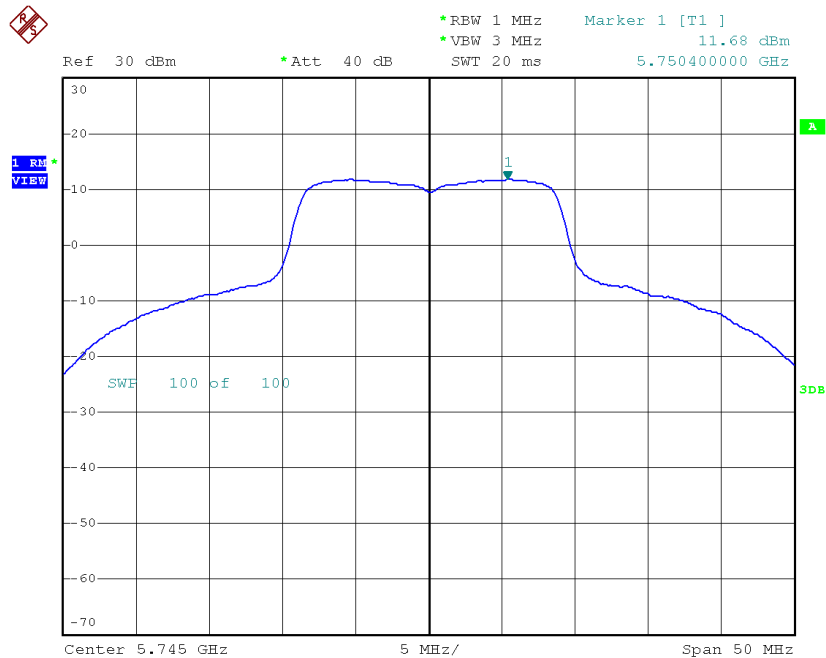
Date: 14.APR.2018 19:27:01

TX CH157
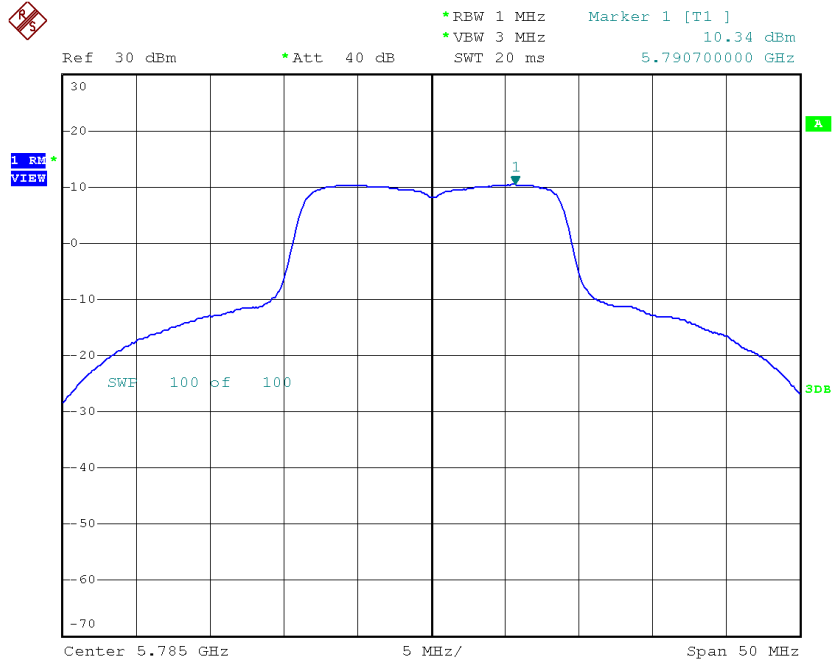
Date: 14.APR.2018 19:28:02

TX CH165
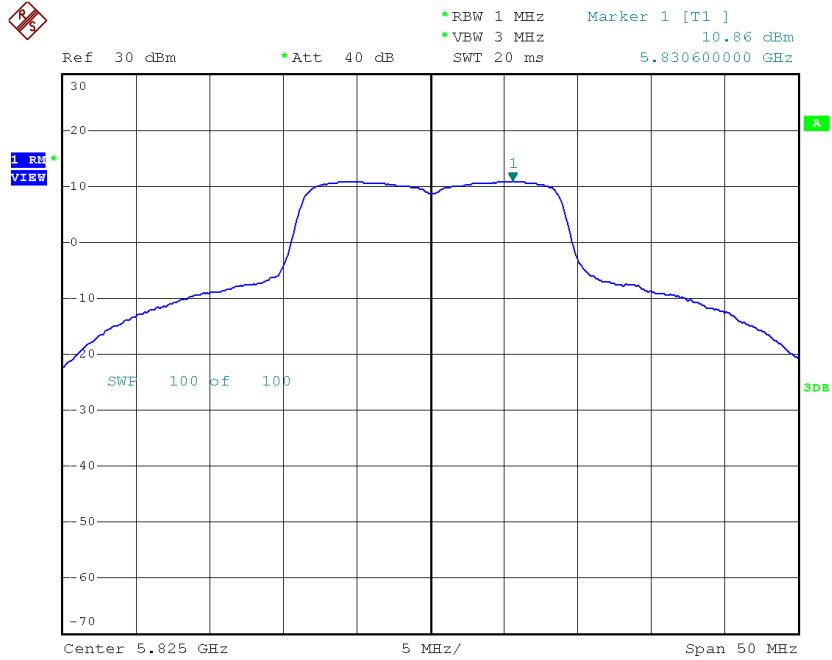
Date: 14.APR.2018 19:29:05

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	13.95	29.99
CH157	5785	12.73	29.99
CH165	5825	13.46	29.99

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 1

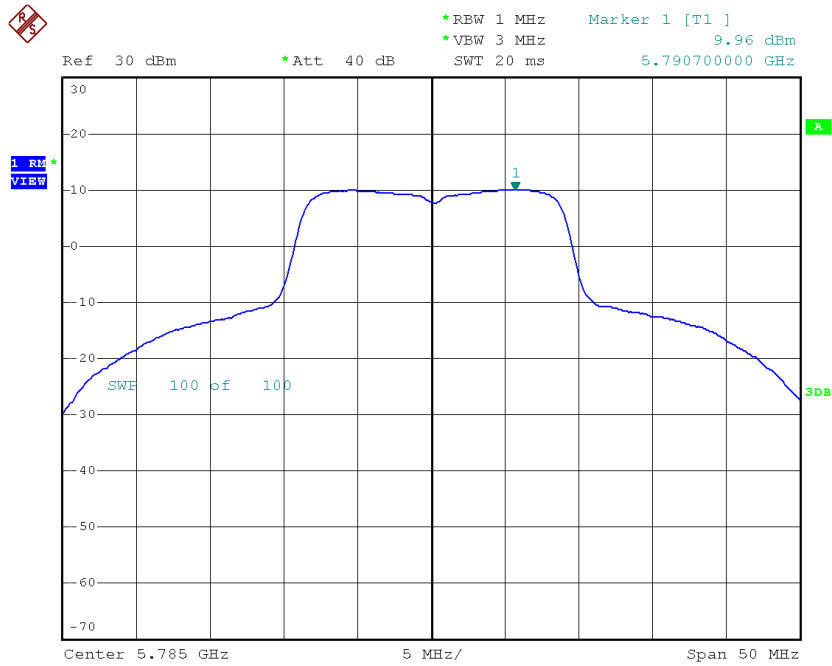| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	8.36	0.00	8.36	29.99
CH159	5795	7.94	0.00	7.94	29.99

TX CH151

```
A

1 RM *
VIEW
                                    1

SWP   100 of   100
                                                        3DB
```

Center 5.755 GHz   10 MHz/   Span 100 MHz
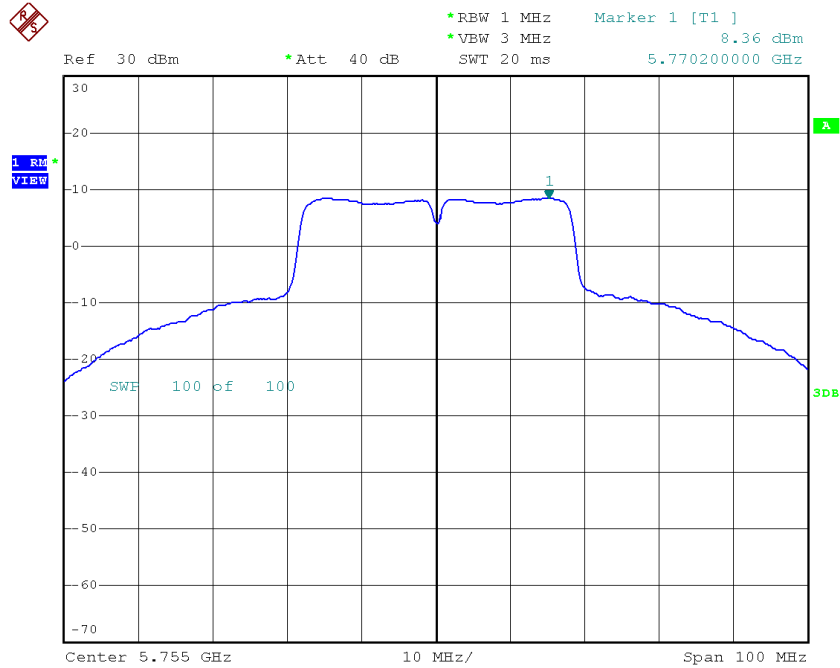
Date: 14.APR.2018 20:01:35

TX CH159
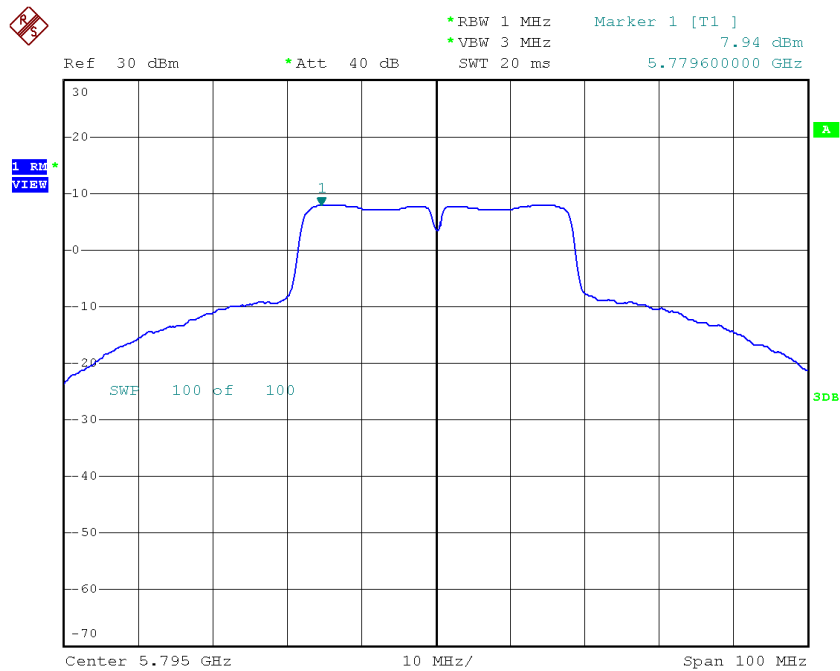
```
A

1 RM *
VIEW
            1

SWP   100 of   100
                                                        3DB
```

Center 5.795 GHz   10 MHz/   Span 100 MHz

Date: 14.APR.2018 20:02:59

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	8.34	0.00	8.34	29.99
CH159	5795	8.01	0.00	8.01	29.99

TX CH151

1 RM *
VIEW

A

SWP   100 of   100

3DB

Center 5.755 GHz   10 MHz/   Span 100 MHz
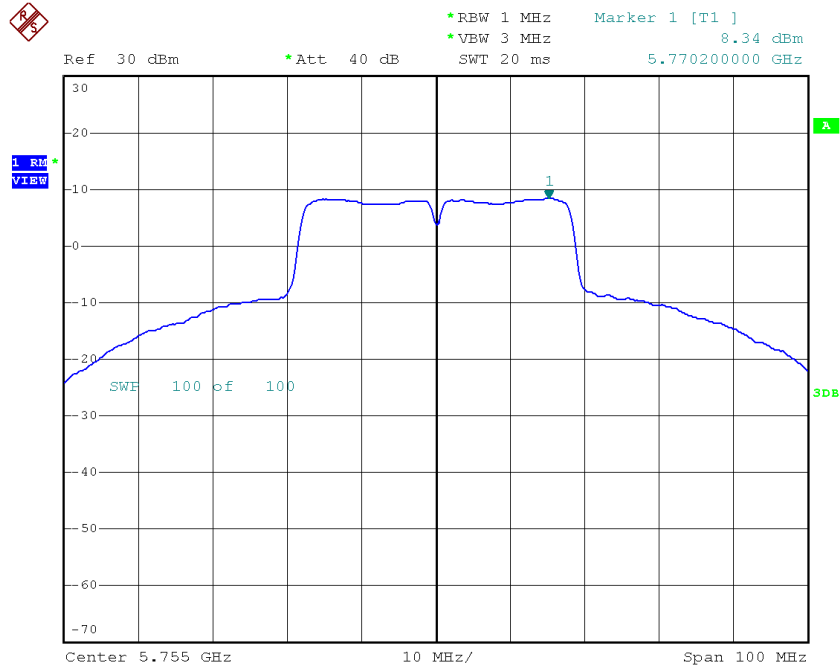
Date: 14.APR.2018 19:56:45

TX CH159

1 RM *
VIEW

A

SWP   100 of   100

3DB

Center 5.795 GHz   10 MHz/   Span 100 MHz
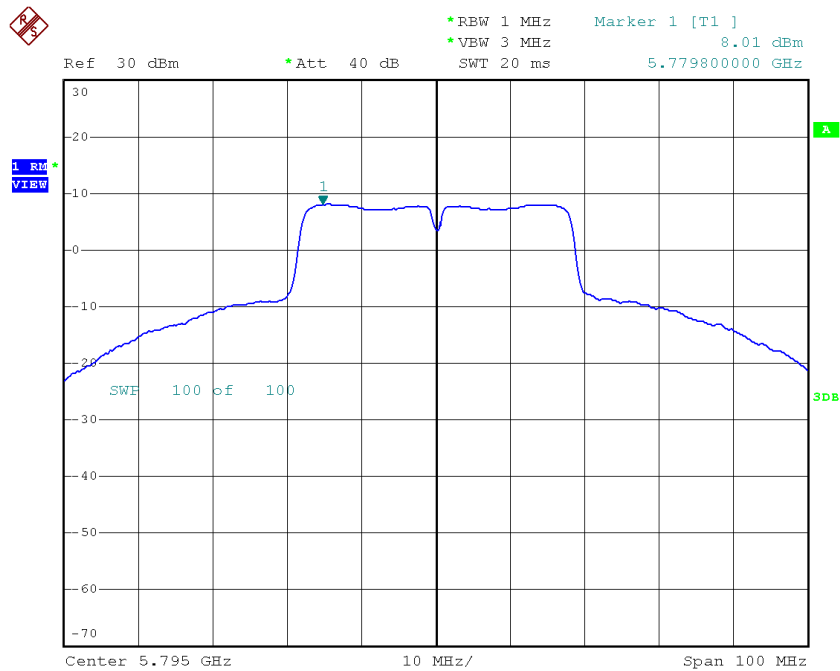
Date: 14.APR.2018 19:57:43

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total			
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	11.36	29.99
CH159	5795	10.99	29.99

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.32	0.00	10.32	16.99
CH40	5200	12.21	0.00	12.21	16.99
CH48	5240	11.74	0.00	11.74	16.99
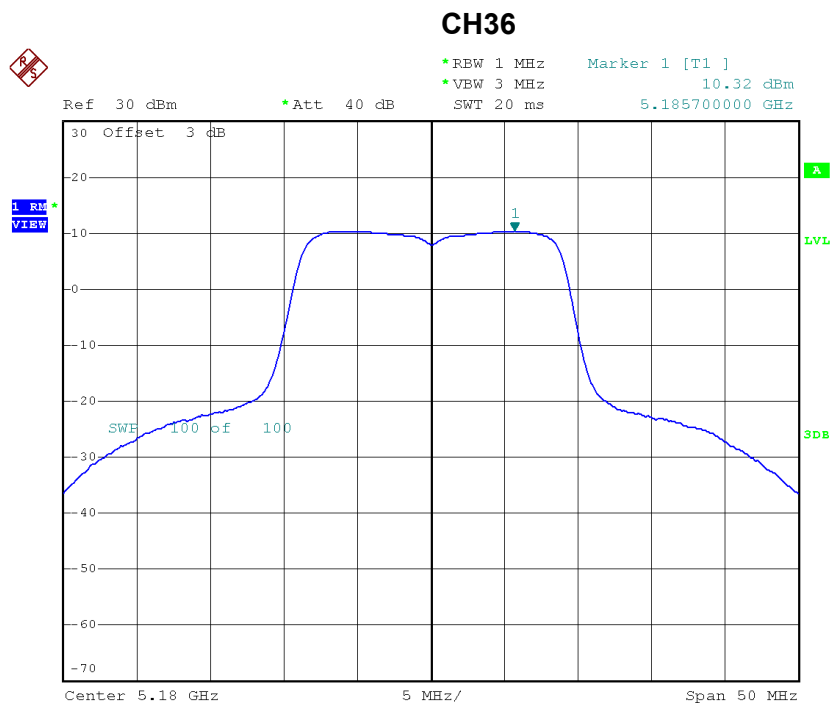
CH36

Date: 14.APR.2018 19:34:36

CH40

Ref 30 dBm   *Att 40 dB

30 Offset 3 dB

A

LVL

3DB

1 RM *
VIEW

SWP   100 of   100

Center 5.2 GHz   5 MHz/   Span 50 MHz

Date: 14.APR.2018 19:35:12

CH48

Ref 30 dBm   *Att 40 dB

30 Offset 3 dB

A

LVL

3DB

1 RM *
VIEW

SWP   100 of   100

Center 5.24 GHz   5 MHz/   Span 50 MHz
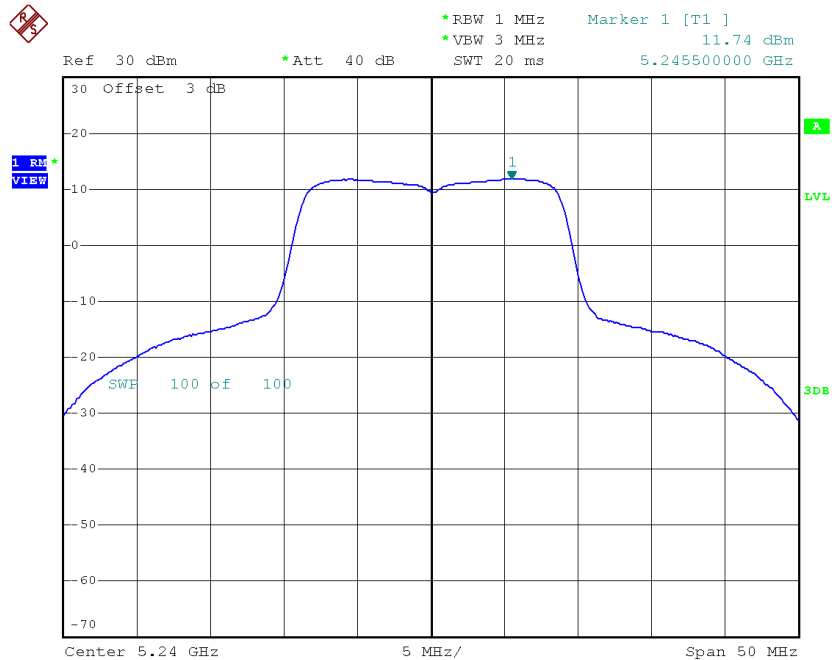
Date: 14.APR.2018 19:35:47

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.92	0.00	10.92	16.99
CH40	5200	13.38	0.00	13.38	16.99
CH48	5240	13.04	0.00	13.04	16.99
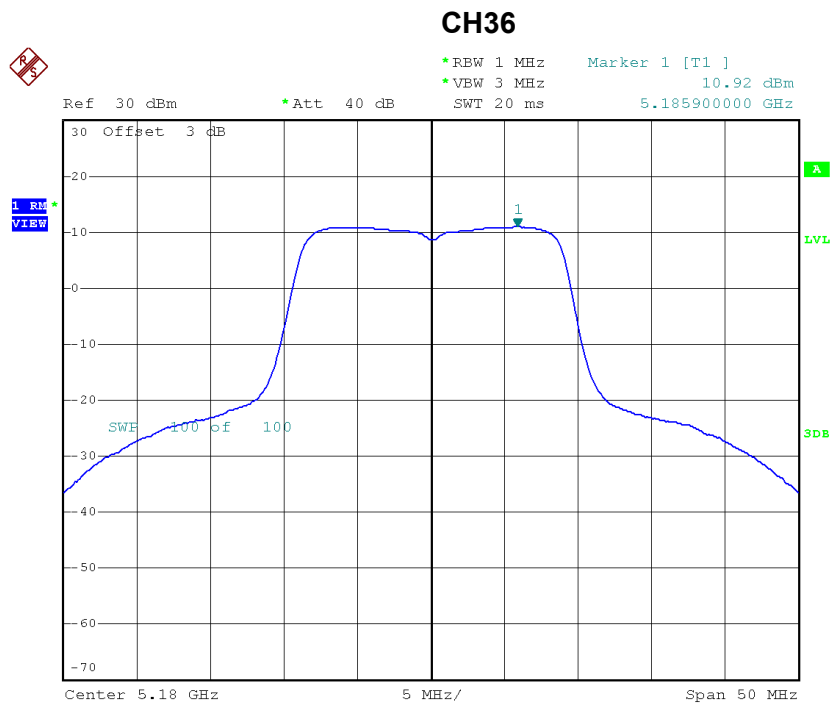
CH36

Date: 14.APR.2018 19:39:53

CH40

```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              13.38 dBm
        Ref  30 dBm      *Att  40 dB  SWT 20 ms       5.205300000 GHz
```



```
Center 5.2 GHz              5 MHz/              Span 50 MHz
```

Date: 14.APR.2018 19:40:47

CH48

```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              13.04 dBm
        Ref  30 dBm      *Att  40 dB  SWT 20 ms       5.245300000 GHz
```



```
Center 5.24 GHz             5 MHz/              Span 50 MHz
```
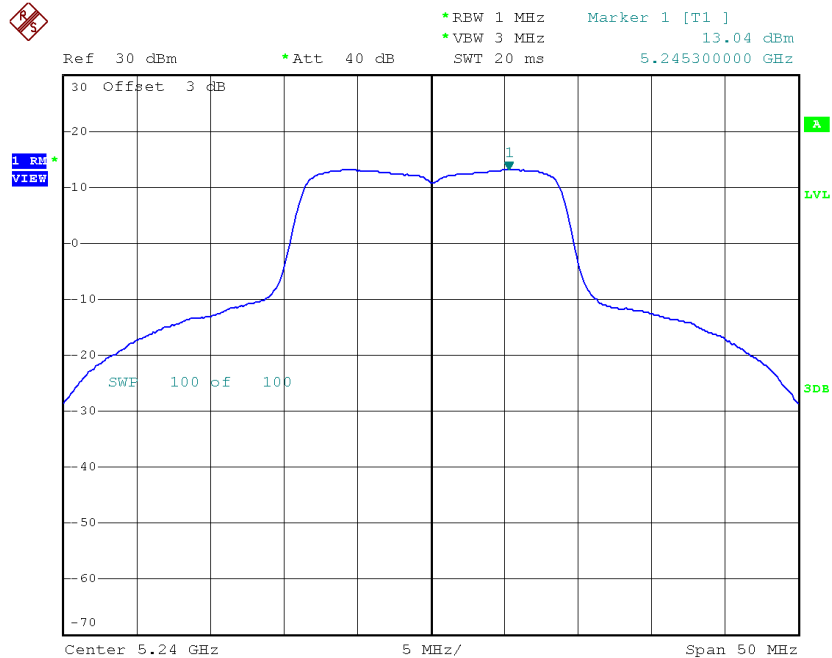
Date: 14.APR.2018 19:41:22

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	13.64	16.99
CH40	5200	15.84	16.99
CH48	5240	15.45	16.99

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	3.60	0.00	3.60	16.99
CH46	5230	10.11	0.00	10.11	16.99

CH38


```
                                              *RBW 1 MHz    Marker 1 [T1 ]
                                              *VBW 3 MHz                3.60 dBm
Ref  30 dBm              *Att  40 dB    SWT 20 ms          5.205000000 GHz
30  Offset  3 dB                                                        A
                                                                        LVL
1 RM *
VIEW
                                                                        3DB
SWP   100 of  100
Center 5.19 GHz              10 MHz/            Span 100 MHz
```
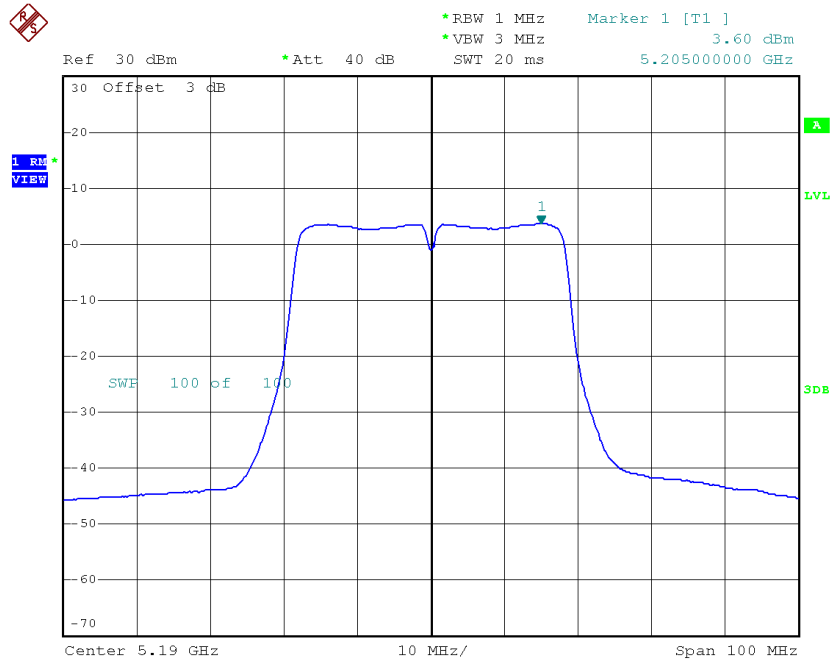
Date: 14.APR.2018 20:07:18

CH46


```
                                              *RBW 1 MHz    Marker 1 [T1 ]
                                              *VBW 3 MHz               10.11 dBm
Ref  30 dBm              *Att  40 dB    SWT 20 ms          5.245400000 GHz
30  Offset  3 dB                                                        A
                                                                        LVL
1 RM *
VIEW
                                                                        3DB
SWP   100 of  100
Center 5.23 GHz              10 MHz/            Span 100 MHz
```
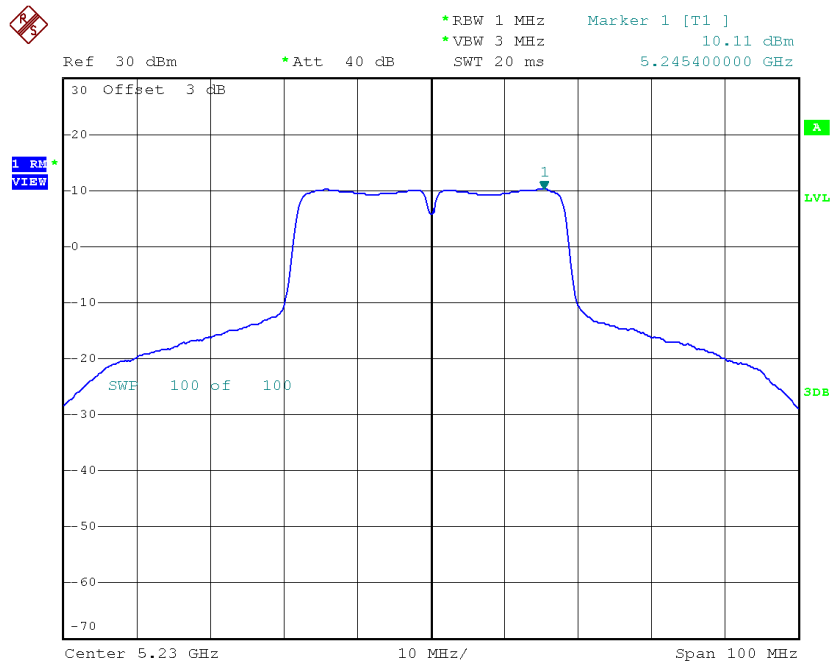
Date: 14.APR.2018 20:08:22

		Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 2			
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	1.22	0.00	1.22	16.99
CH46	5230	8.53	0.00	8.53	16.99

CH38

```
                                    *RBW 1 MHz     Marker 1 [T1 ]
                                    *VBW 3 MHz              1.22 dBm
Ref  30 dBm          *Att  40 dB    SWT 20 ms      5.175800000 GHz
```
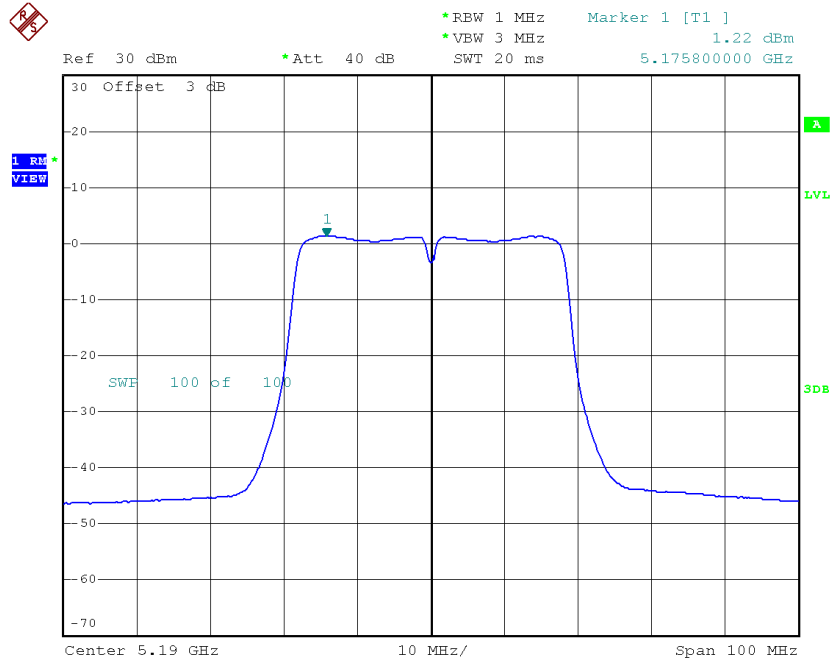

Date: 14.APR.2018 20:11:48

CH46

```
                                    *RBW 1 MHz     Marker 1 [T1 ]
                                    *VBW 3 MHz              8.53 dBm
Ref  30 dBm          *Att  40 dB    SWT 20 ms      5.243600000 GHz
```
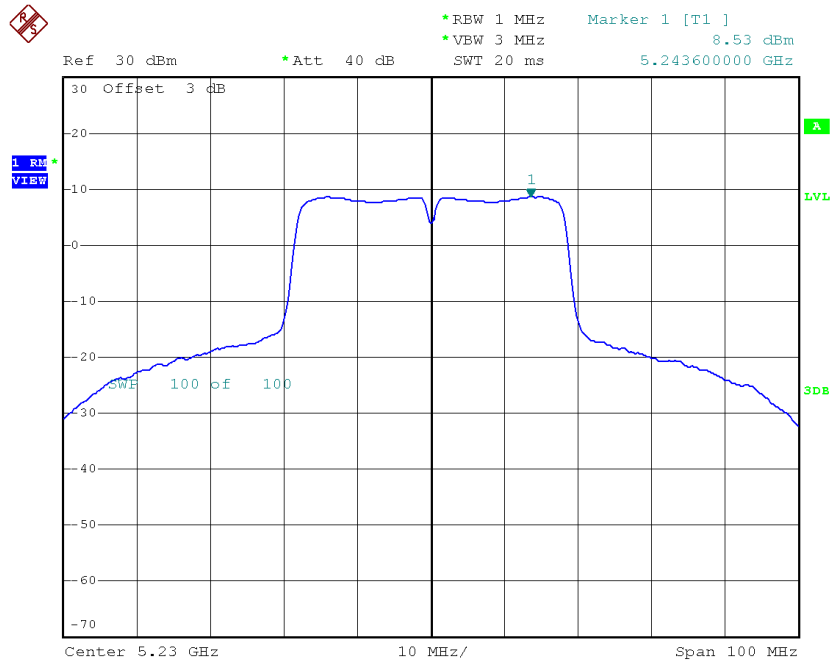

Date: 14.APR.2018 20:12:33

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total			
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	5.58	16.99
CH46	5230	12.40	16.99

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	0.12	0.00	0.12	16.99
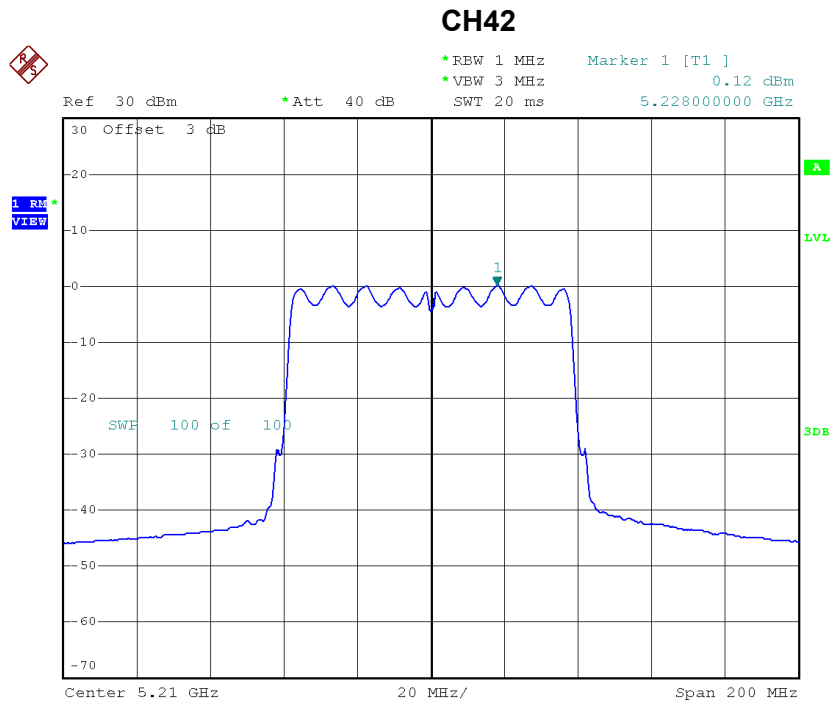
CH42

Date: 14.APR.2018 20:17:33

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	2.41	0.00	2.41	16.99
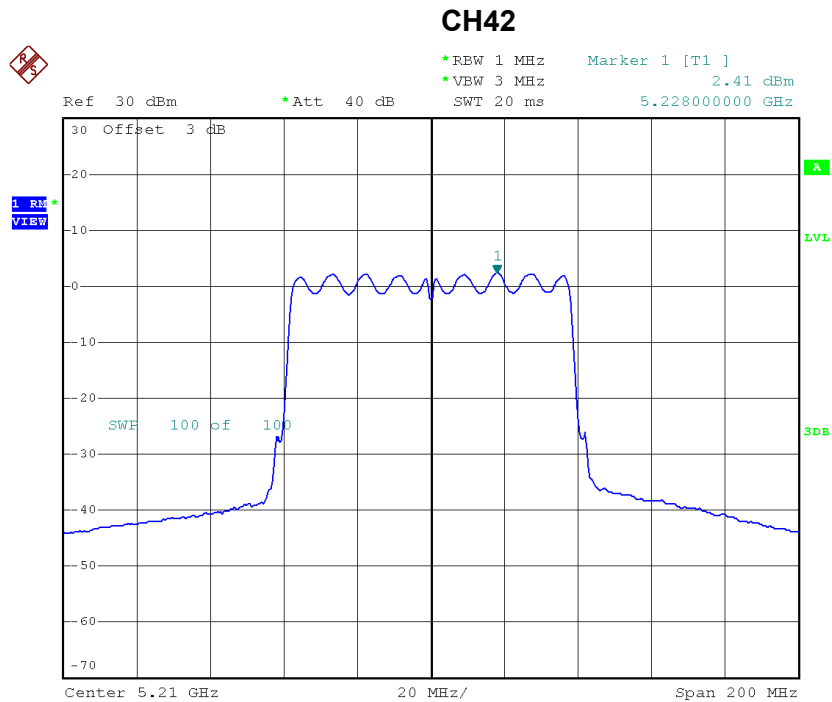
CH42

Date: 14.APR.2018 20:20:30

Test Mode: UNII-1/TX AC80 Mode_CH42_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	4.42	16.99

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.03	0.00	10.03	29.99
CH157	5785	9.96	0.00	9.96	29.99
CH165	5825	9.84	0.00	9.84	29.99
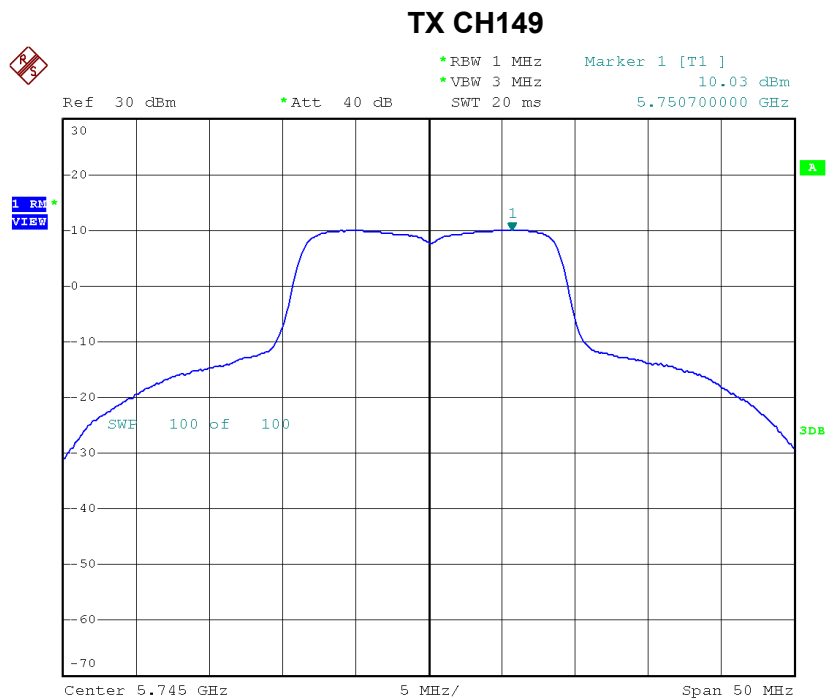
TX CH149

Date: 14.APR.2018 19:36:38

TX CH157

Date: 14.APR.2018 19:37:28

TX CH165
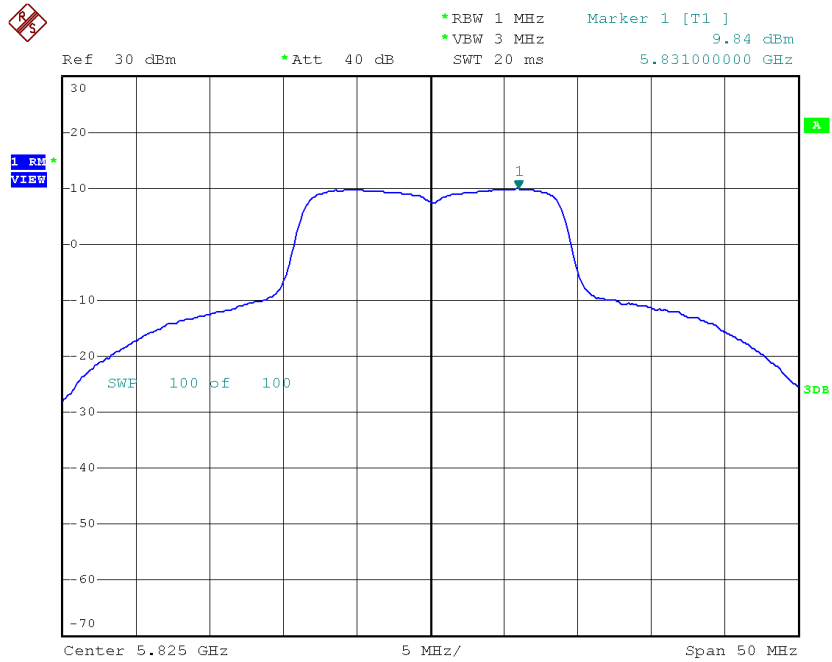
Date: 14.APR.2018 19:38:28

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	11.07	0.00	11.07	29.99
CH157	5785	10.82	0.00	10.82	29.99
CH165	5825	10.54	0.00	10.54	29.99

TX CH149
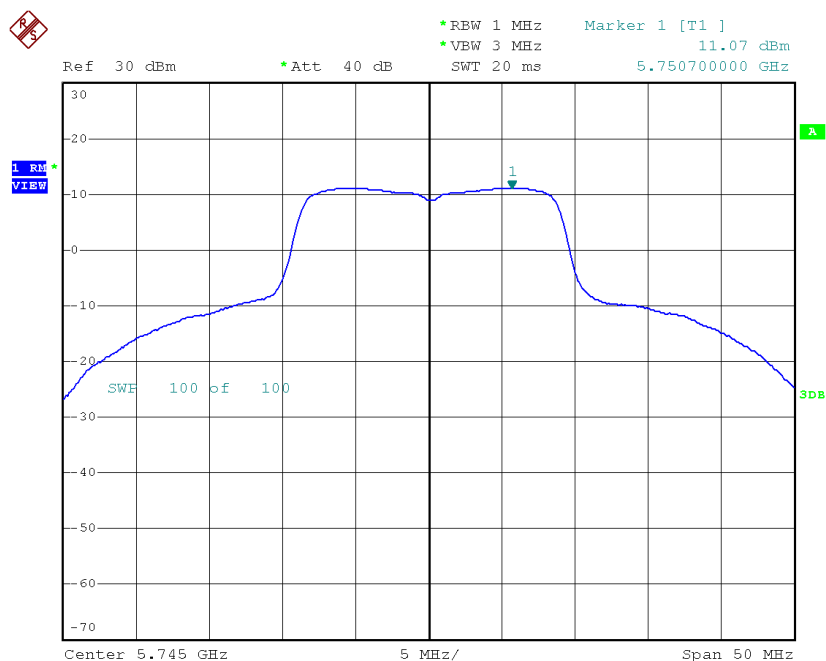
Date: 14.APR.2018 19:42:15

TX CH157

A

1 RM *
VIEW

1

SWP   100 of   100

3DB

Center 5.785 GHz   5 MHz/   Span 50 MHz
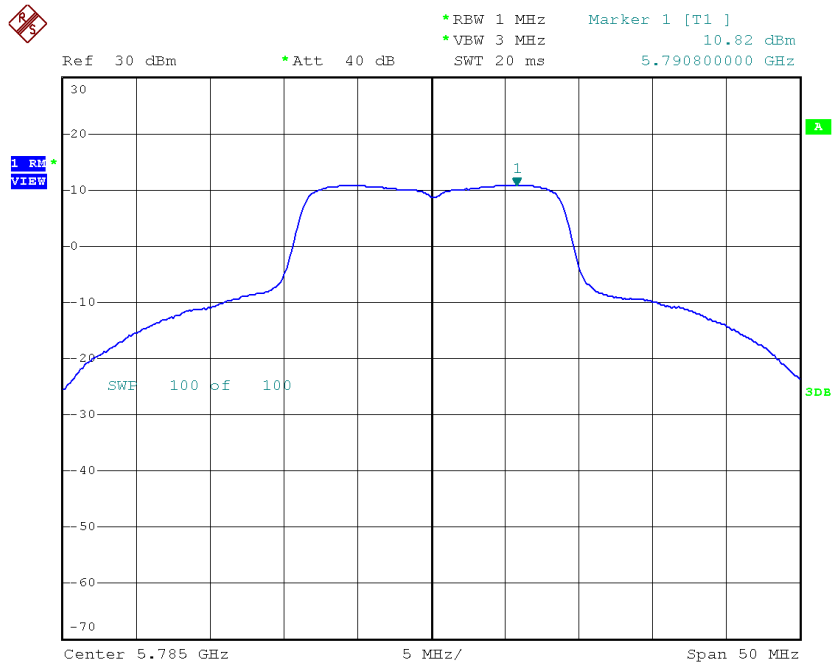
Date: 14.APR.2018 19:43:08

TX CH165
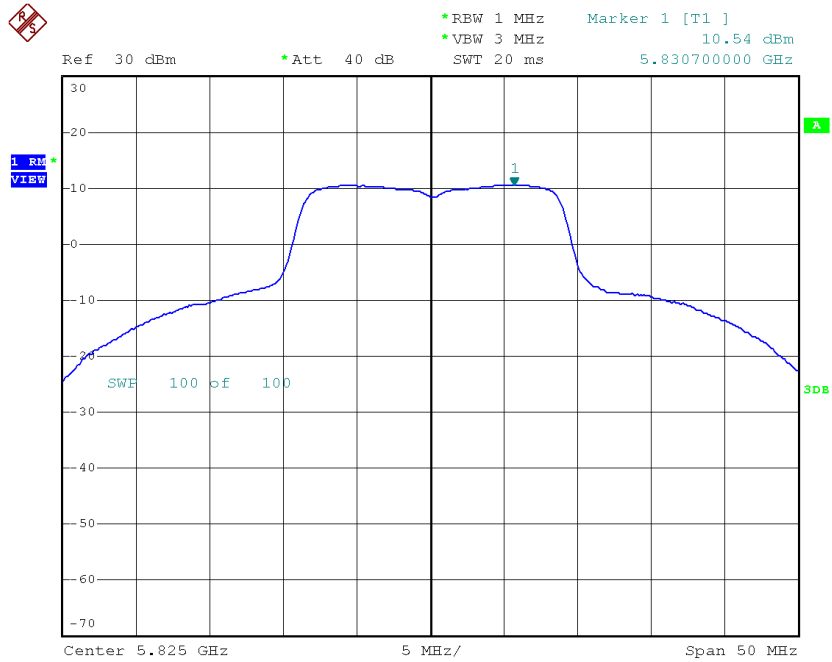
*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   10.54 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.830700000 GHz

A

1 RM *
VIEW

1

SWP   100 of   100

3DB

Center 5.825 GHz   5 MHz/   Span 50 MHz

Date: 14.APR.2018 19:44:00

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	13.59	29.99
CH157	5785	13.42	29.99
CH165	5825	13.21	29.99

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 1					
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	8.63	0.00	8.63	29.99
CH159	5795	8.06	0.00	8.06	29.99

TX CH151
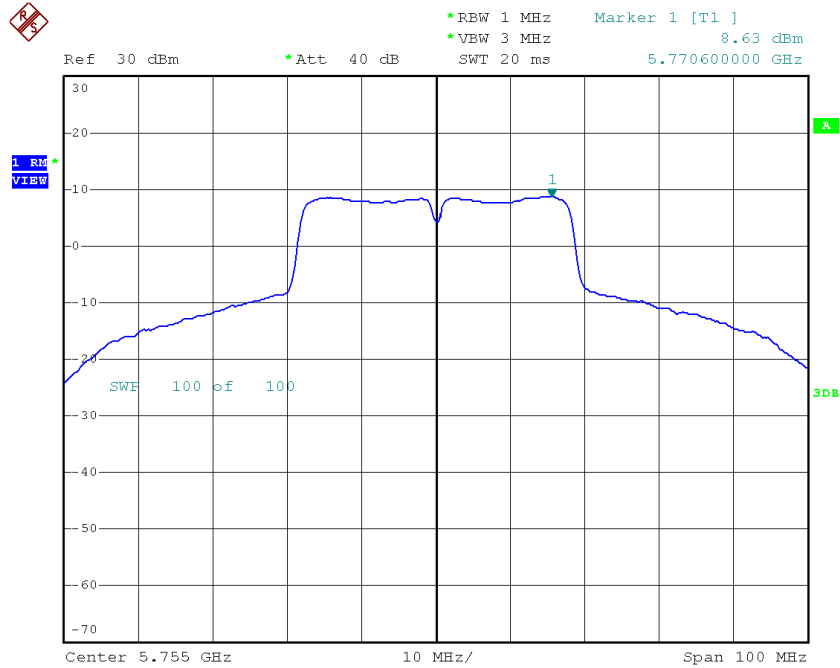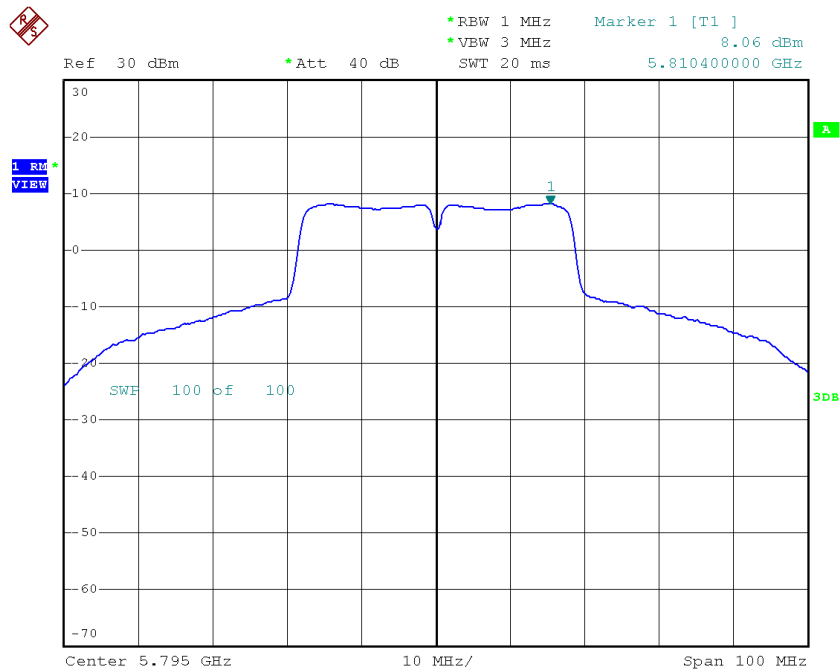
TX CH159

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	7.54	0.00	7.54	29.99
CH159	5795	7.25	0.00	7.25	29.99

TX CH151

Center 5.755 GHz   10 MHz/   Span 100 MHz
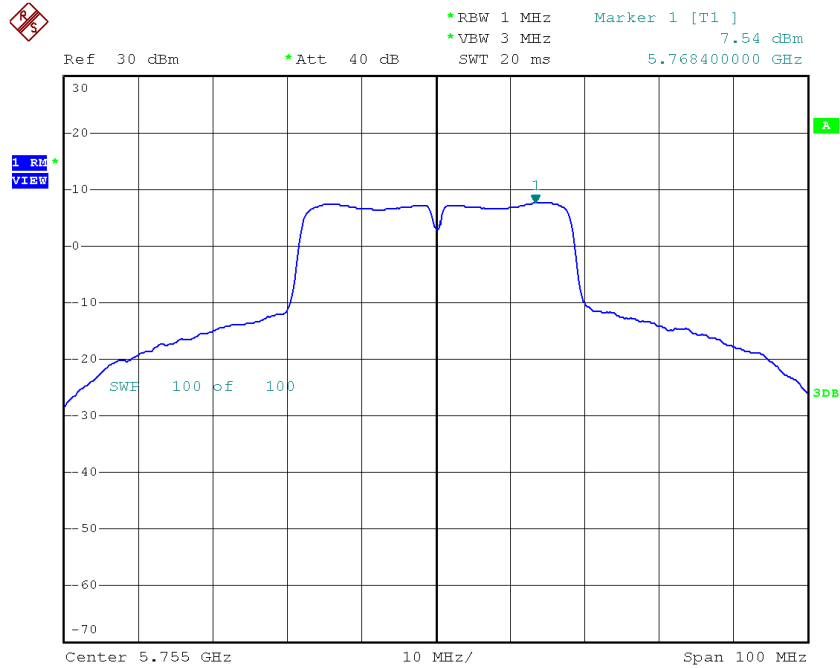
Date: 14.APR.2018 20:14:25

TX CH159

Center 5.795 GHz   10 MHz/   Span 100 MHz
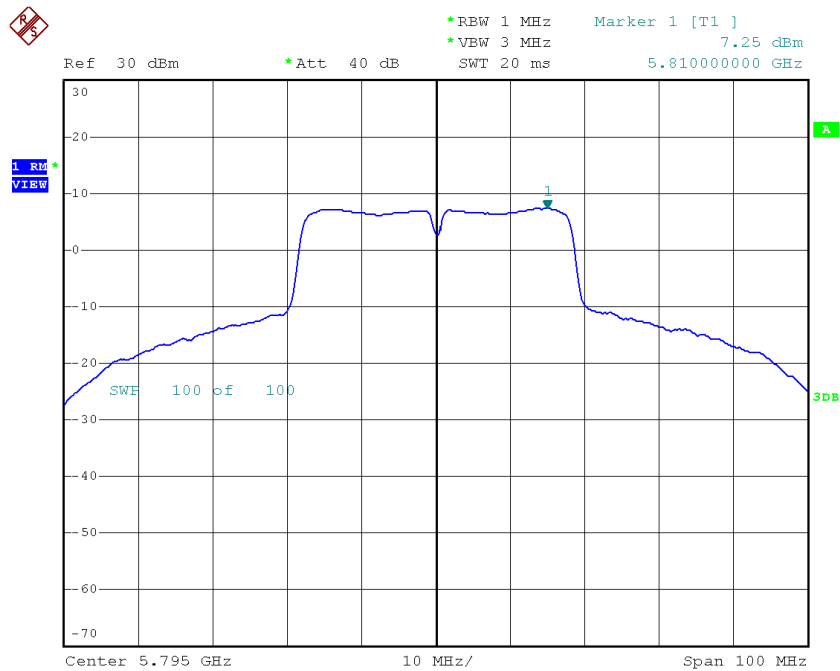
Date: 14.APR.2018 20:15:24

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total			
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	11.13	29.99
CH159	5795	10.68	29.99

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	4.65	0.00	4.65	29.99

TX CH155
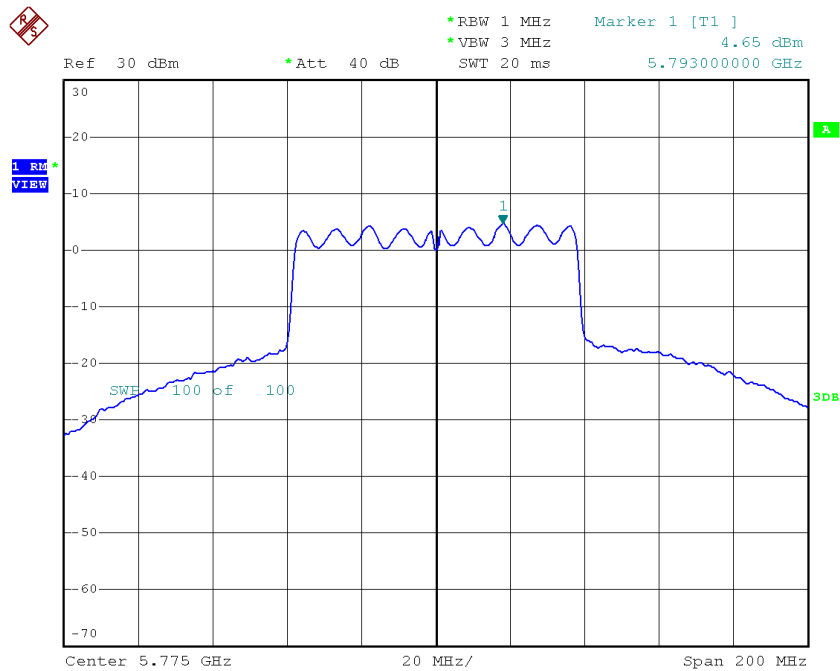
Date: 14.APR.2018 20:18:43

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	5.52	0.00	5.52	29.99
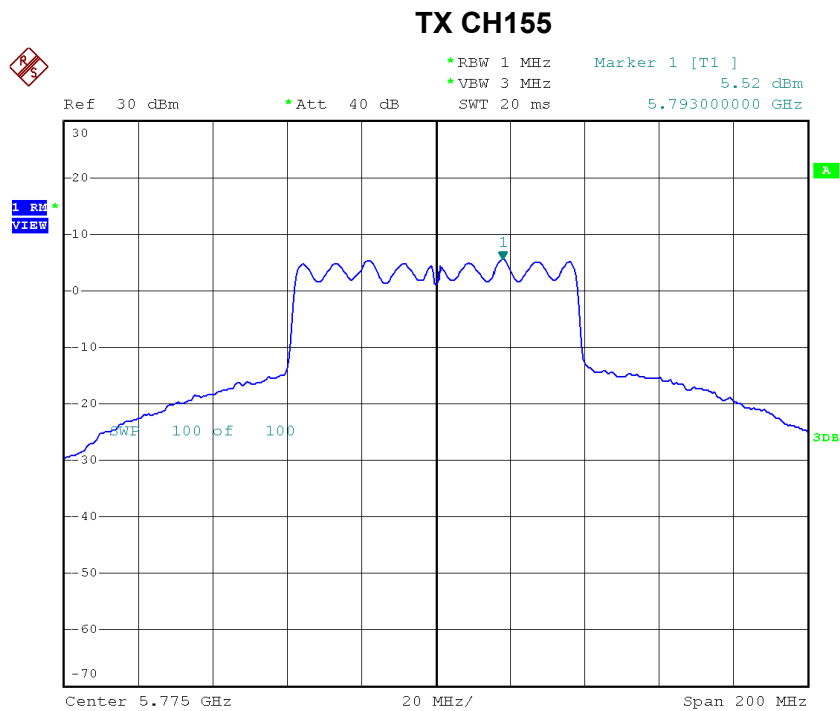
TX CH155

Date: 14.APR.2018 20:21:42

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	8.12	29.99

With Beamforming

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.72	0.00	9.72	17.00
CH40	5200	12.23	0.00	12.23	17.00
CH48	5240	11.71	0.00	11.71	17.00

CH36
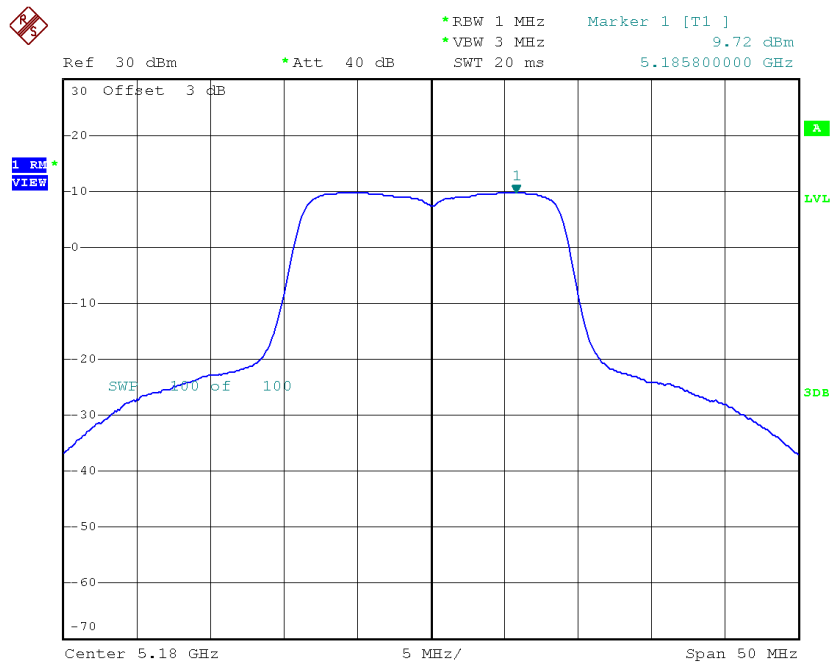
Date: 16.APR.2018 11:19:06

CH40

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   12.23 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.205400000 GHz

30 Offset 3 dB

A

LVL

1 RM *
VIEW

SWP   100 of   100

3DB

Center 5.2 GHz   5 MHz/   Span 50 MHz

Date: 16.APR.2018 11:19:59

CH48

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   11.71 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.245700000 GHz

30 Offset 3 dB

A

LVL

1 RM *
VIEW

SWP   100 of   100

3DB

Center 5.24 GHz   5 MHz/   Span 50 MHz
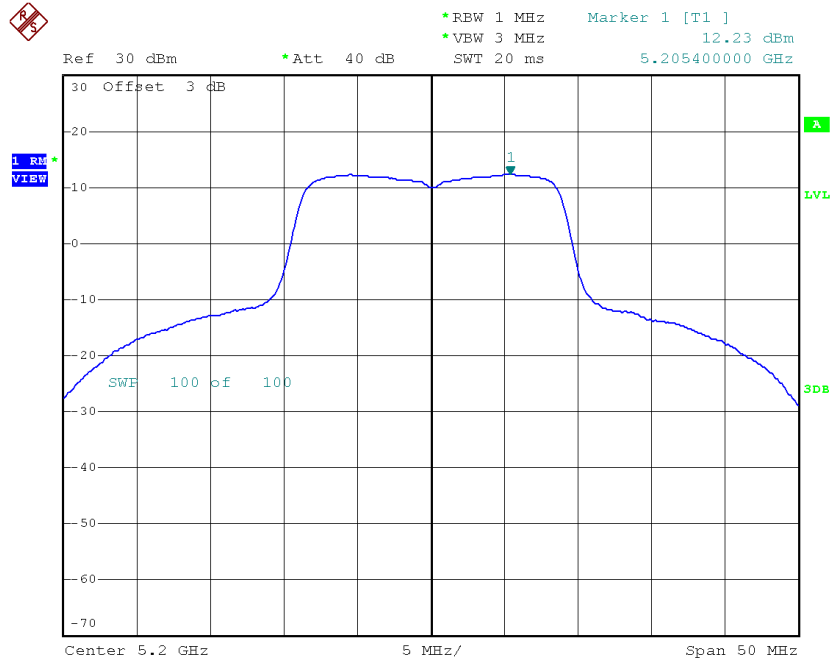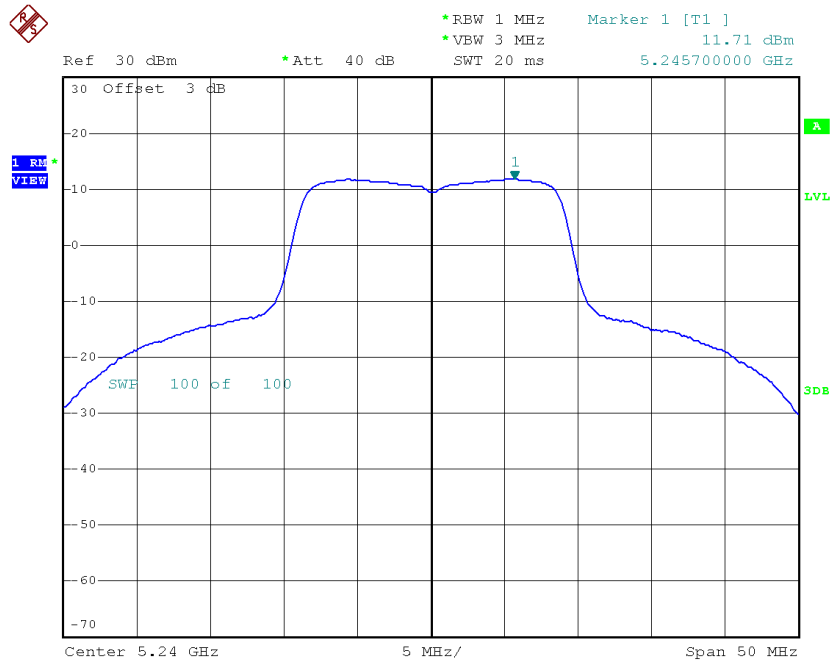
Date: 16.APR.2018 11:20:33

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.99	0.00	10.99	17.00
CH40	5200	13.43	0.00	13.43	17.00
CH48	5240	13.10	0.00	13.10	17.00

CH36


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz               10.99 dBm
Ref  30 dBm        *Att  40 dB      SWT 20 ms        5.185700000 GHz
30  Offset  3 dB                                                          A

 -20

1 RM *
VIEW  -10                                                                LVL

  0

 -10

 -20                                                                     3DB
        SWT  100 of  100
 -30

 -40

 -50

 -60

 -70
 Center 5.18 GHz              5 MHz/            Span 50 MHz
```
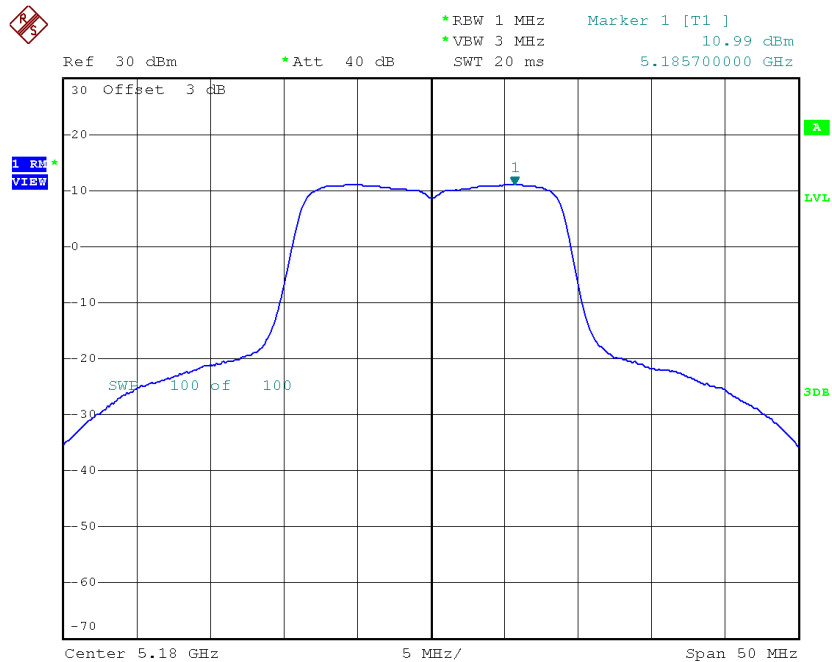
Date: 16.APR.2018 11:25:03

CH40

```
                                           *RBW 1 MHz    Marker 1 [T1 ]
                                           *VBW 3 MHz              13.43 dBm
          Ref  30 dBm          *Att  40 dB  SWT 20 ms        5.205500000 GHz
```



```
Center 5.2 GHz              5 MHz/              Span 50 MHz
```
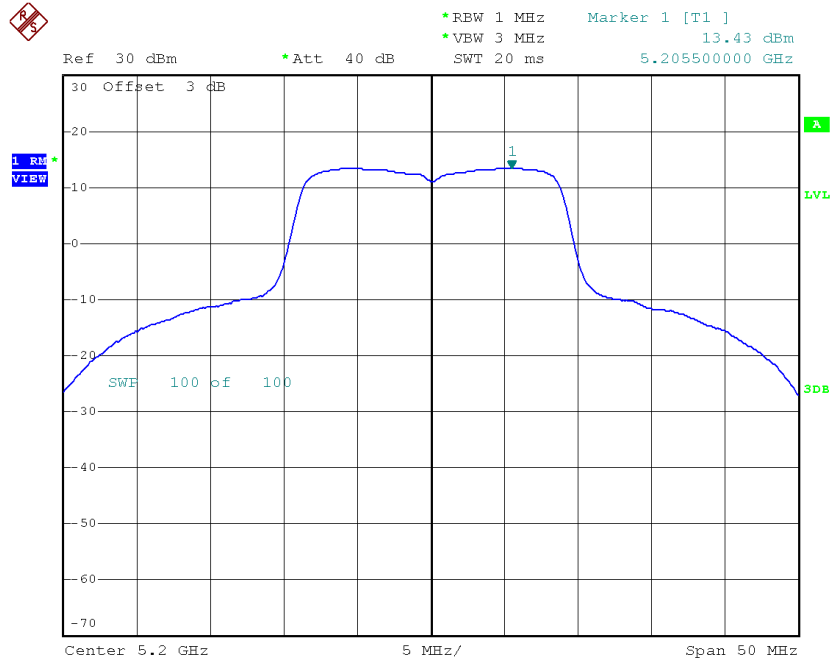
Date: 16.APR.2018 11:25:55

CH48

```
                                           *RBW 1 MHz    Marker 1 [T1 ]
                                           *VBW 3 MHz              13.10 dBm
          Ref  30 dBm          *Att  40 dB  SWT 20 ms        5.234400000 GHz
```



```
Center 5.24 GHz             5 MHz/              Span 50 MHz
```
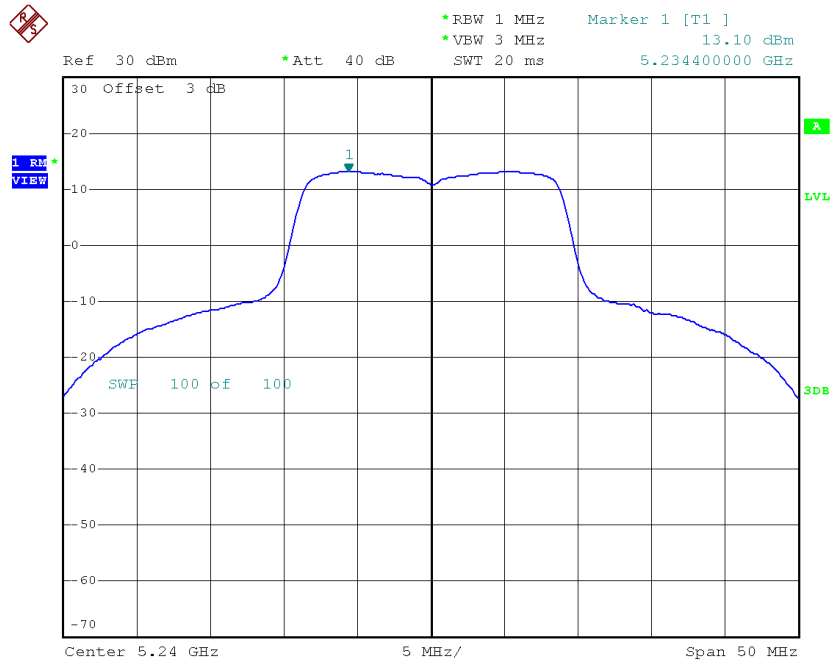
Date: 16.APR.2018 11:26:33

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	13.41	17.00
CH40	5200	15.88	17.00
CH48	5240	15.47	17.00

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 1					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.90	0.00	2.90	17.00
CH46	5230	8.75	0.00	8.75	17.00

CH38

R&S

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   2.90 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.175800000 GHz

```
30  Offset  3 dB                                              A
 -20
1 RM *                                                       LVL
VIEW
 10
                        1
  0
 -10
 -20
      SWP    100 of  100                                     3DB
 -30
 -40
 -50
 -60
 -70
Center 5.19 GHz            10 MHz/            Span 100 MHz
```
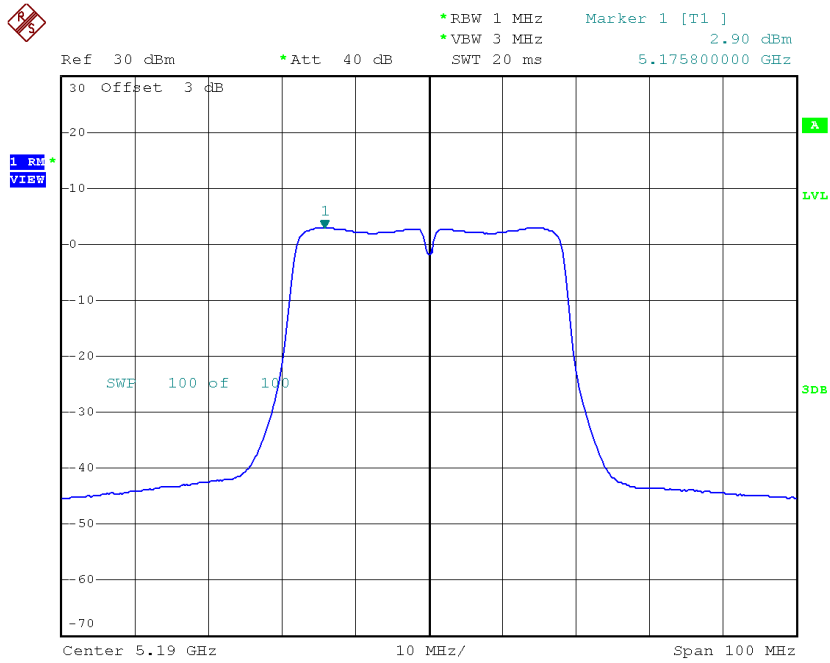
Date: 16.APR.2018 11:51:03

CH46

R&S

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   8.75 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.244800000 GHz

```
30  Offset  3 dB                                              A
 -20
1 RM *                                                       LVL
VIEW
 10
                              1
  0
 -10
 -20
      SWP    100 of  100                                     3DB
 -30
 -40
 -50
 -60
 -70
Center 5.23 GHz            10 MHz/            Span 100 MHz
```
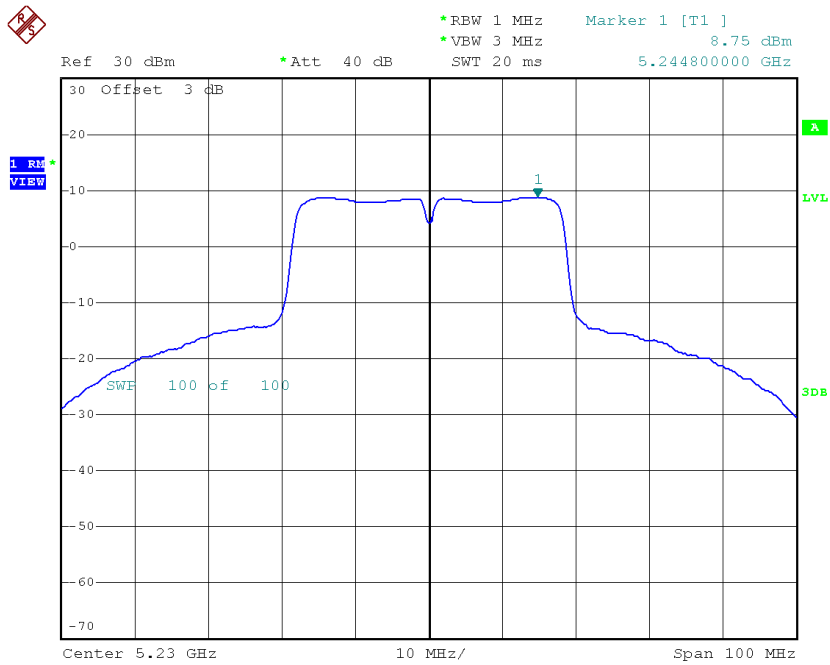
Date: 16.APR.2018 11:51:51

| | | | | Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 2 | | |

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	3.67	0.00	3.67	17.00
CH46	5230	8.97	0.00	8.97	17.00

CH38

Center 5.19 GHz   10 MHz/   Span 100 MHz
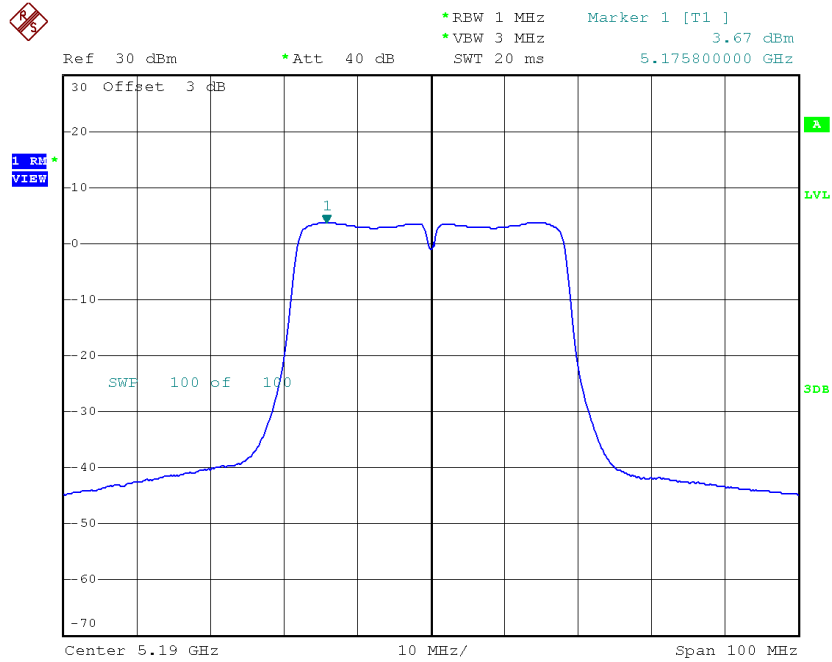
Date: 16.APR.2018 11:59:04

CH46

Center 5.23 GHz   10 MHz/   Span 100 MHz
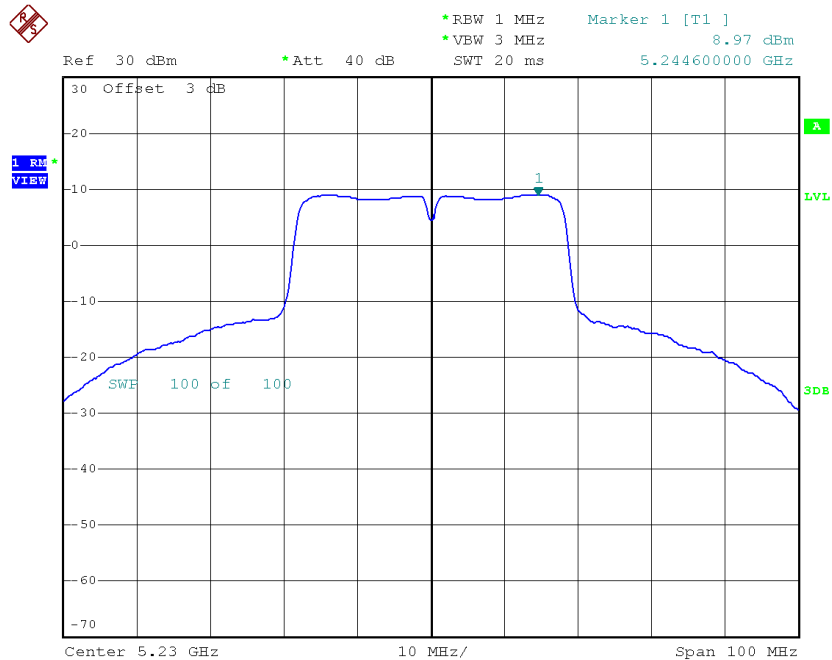
Date: 16.APR.2018 11:59:57

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	6.31	17.00
CH46	5230	11.87	17.00

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	9.88	0.00	9.88	30.00
CH157	5785	9.12	0.00	9.12	30.00
CH165	5825	8.89	0.00	8.89	30.00

TX CH149
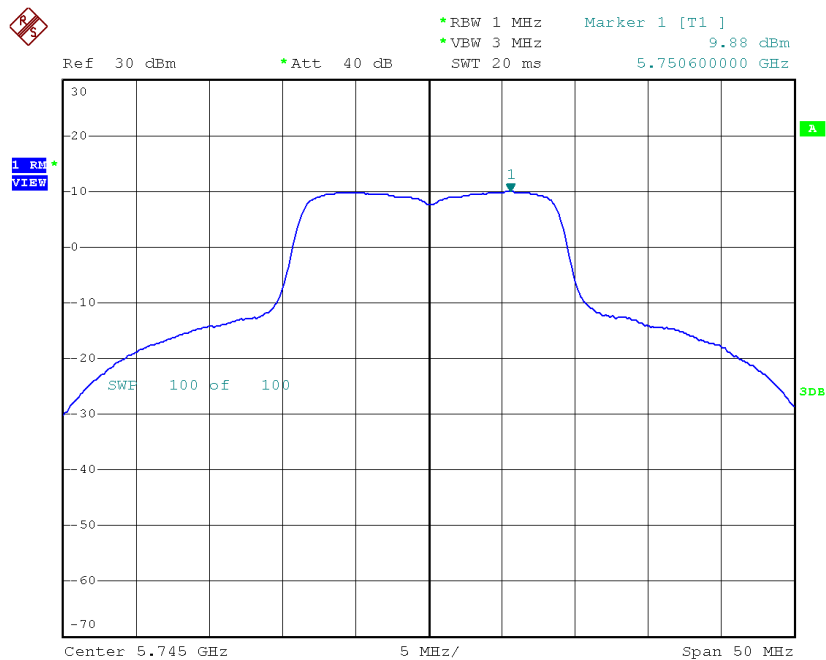
Date: 16.APR.2018 11:21:21

TX CH157
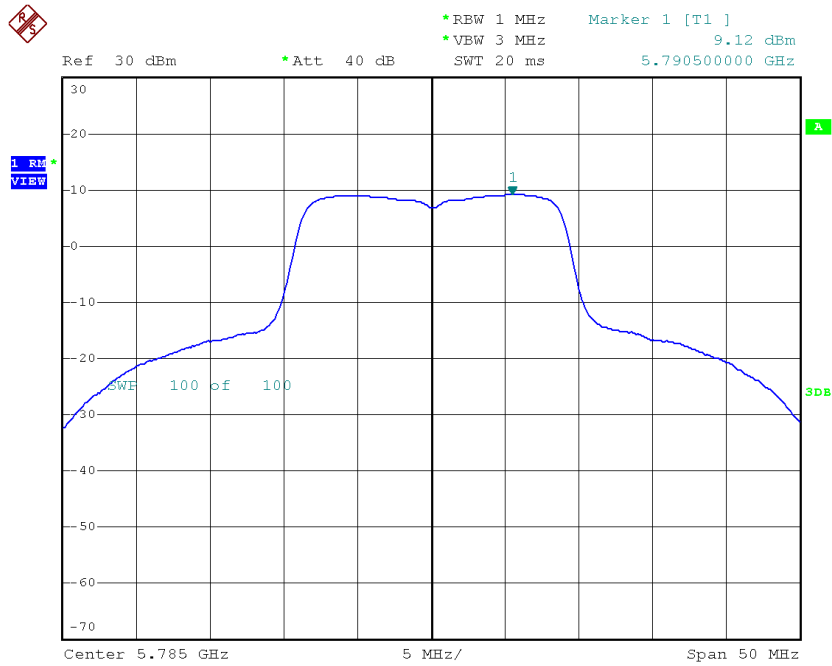
Date: 16.APR.2018 11:22:47

TX CH165
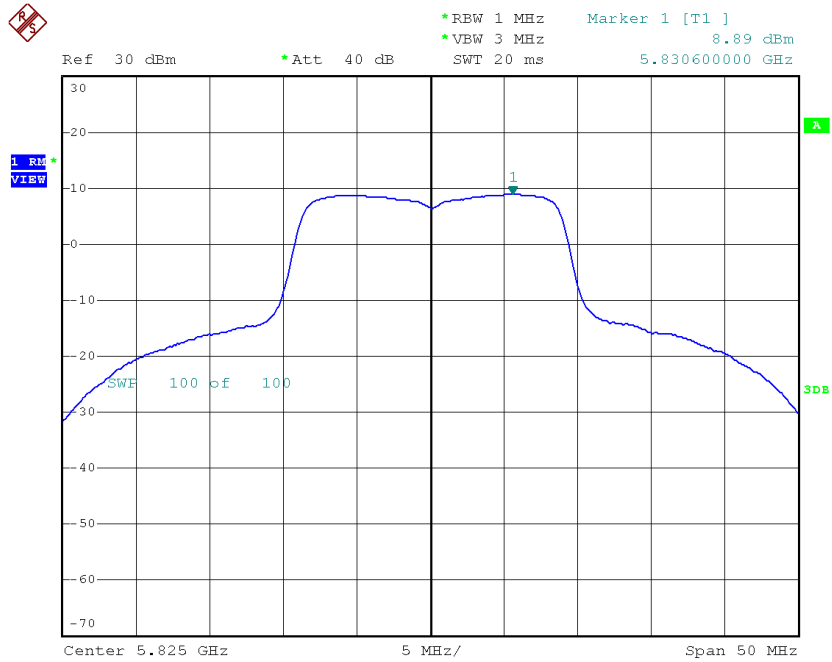
Date: 16.APR.2018 11:23:41

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.82	0.00	10.82	30.00
CH157	5785	9.83	0.00	9.83	30.00
CH165	5825	10.43	0.00	10.43	30.00

TX CH149
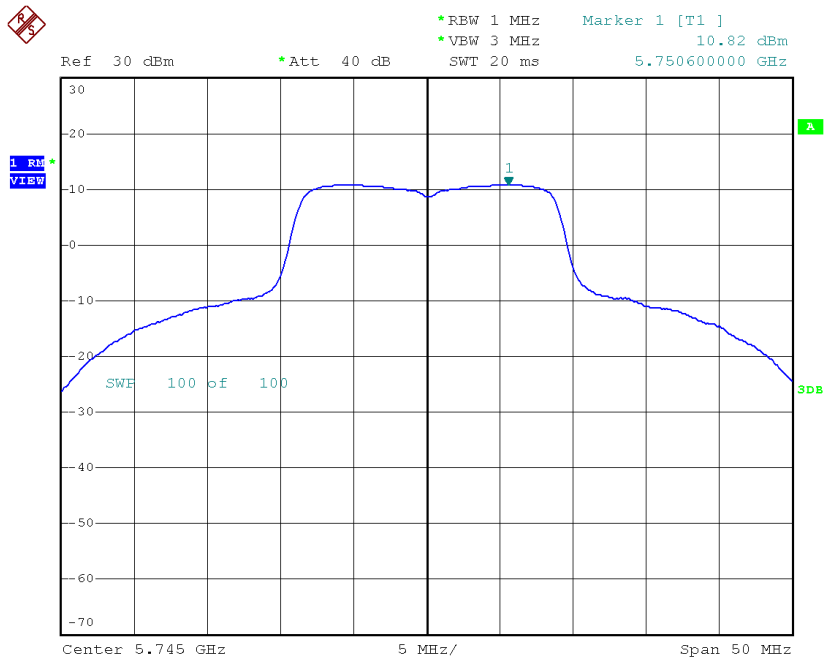
Date: 16.APR.2018 11:27:22

TX CH157
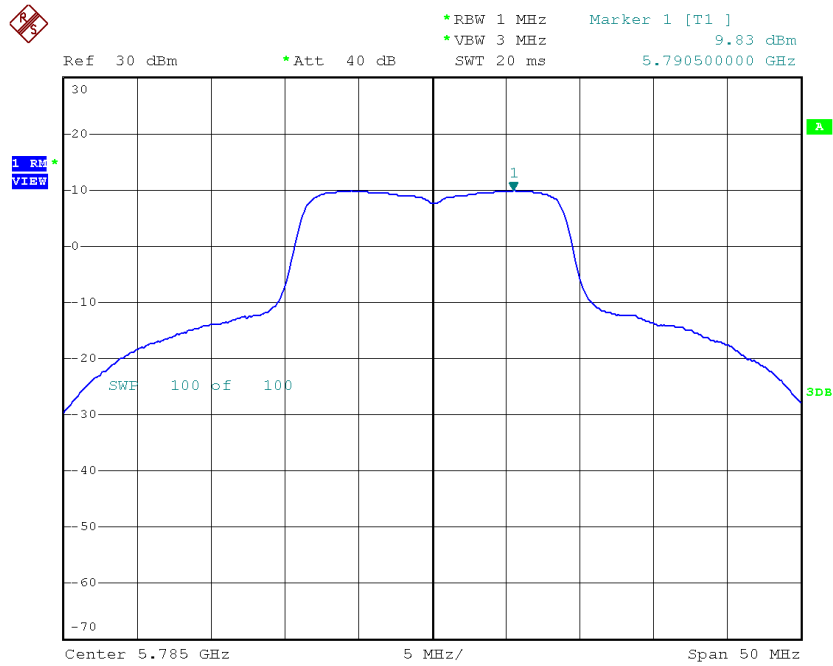
Date: 16.APR.2018 11:28:20

TX CH165
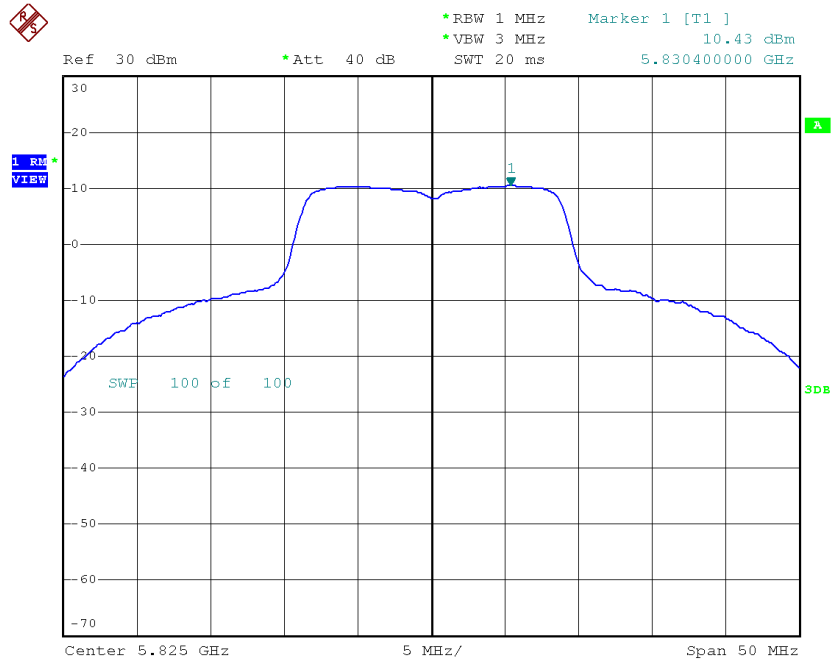
Date: 16.APR.2018 11:29:14

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	13.39	30.00
CH157	5785	12.50	30.00
CH165	5825	12.74	30.00

				Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 1	

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	7.38	0.00	7.38	30.00
CH159	5795	6.99	0.00	6.99	30.00

TX CH151

Center 5.755 GHz   10 MHz/   Span 100 MHz
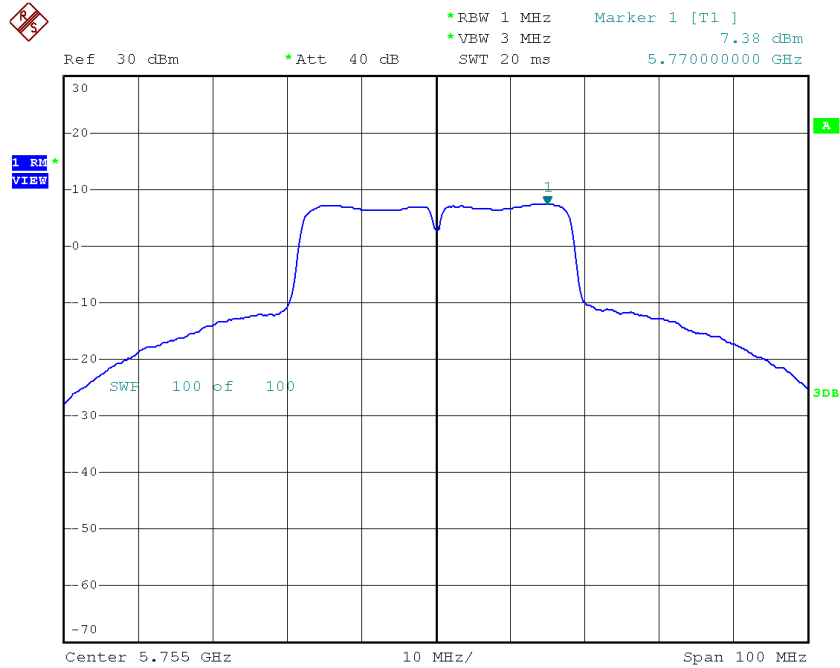
Date: 16.APR.2018 11:53:09

TX CH159

Center 5.795 GHz   10 MHz/   Span 100 MHz
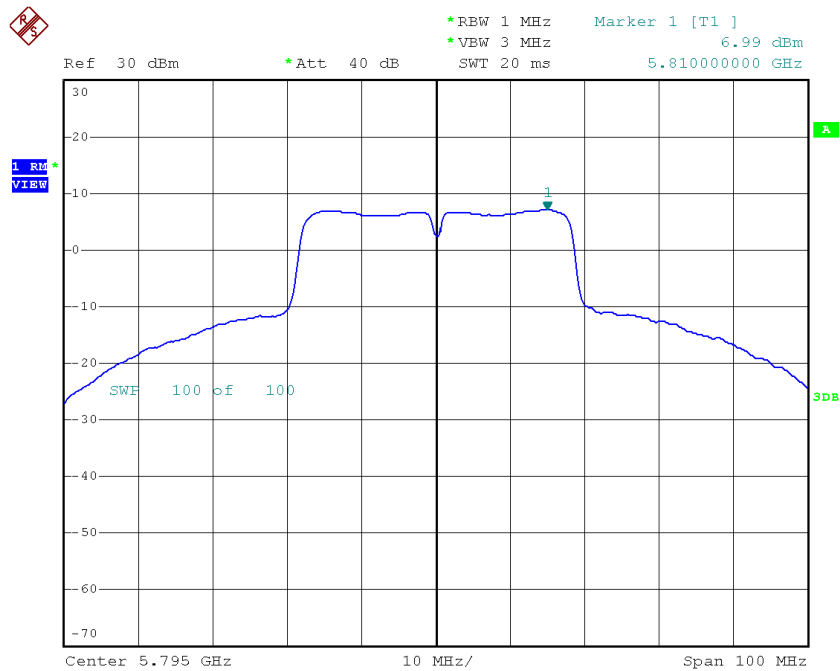
Date: 16.APR.2018 11:54:03

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 2					
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	7.75	0.00	7.75	30.00
CH159	5795	7.19	0.00	7.19	30.00

TX CH151

	*RBW 1 MHz Marker 1 [T1]
	*VBW 3 MHz 7.75 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.769800000 GHz

1 RM *
VIEW

A

SWE 100 of 100

3DB

Center 5.755 GHz   10 MHz/   Span 100 MHz
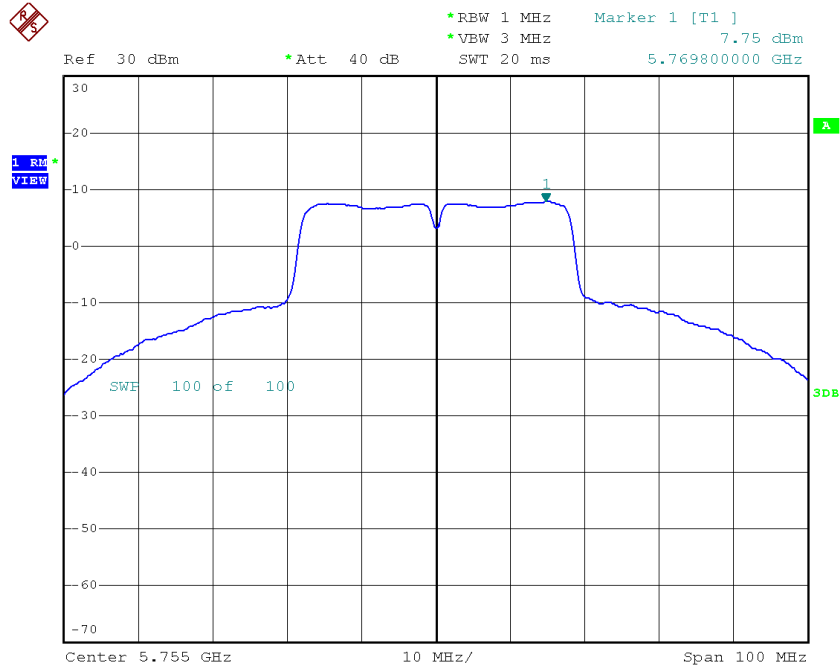
Date: 16.APR.2018 12:02:41

TX CH159

	*RBW 1 MHz Marker 1 [T1]
	*VBW 3 MHz 7.19 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.809800000 GHz

1 RM *
VIEW

A

SWE 100 of 100

3DB

Center 5.795 GHz   10 MHz/   Span 100 MHz
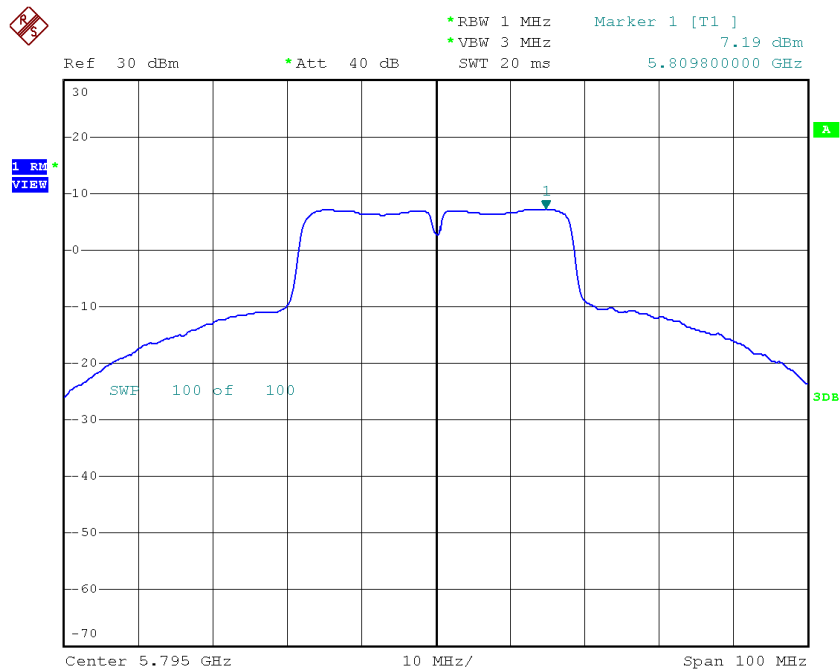
Date: 16.APR.2018 12:04:02

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	10.58	30.00
CH159	5795	10.10	30.00

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.20	0.00	9.20	17.00
CH40	5200	11.68	0.00	11.68	17.00
CH48	5240	11.54	0.00	11.54	17.00
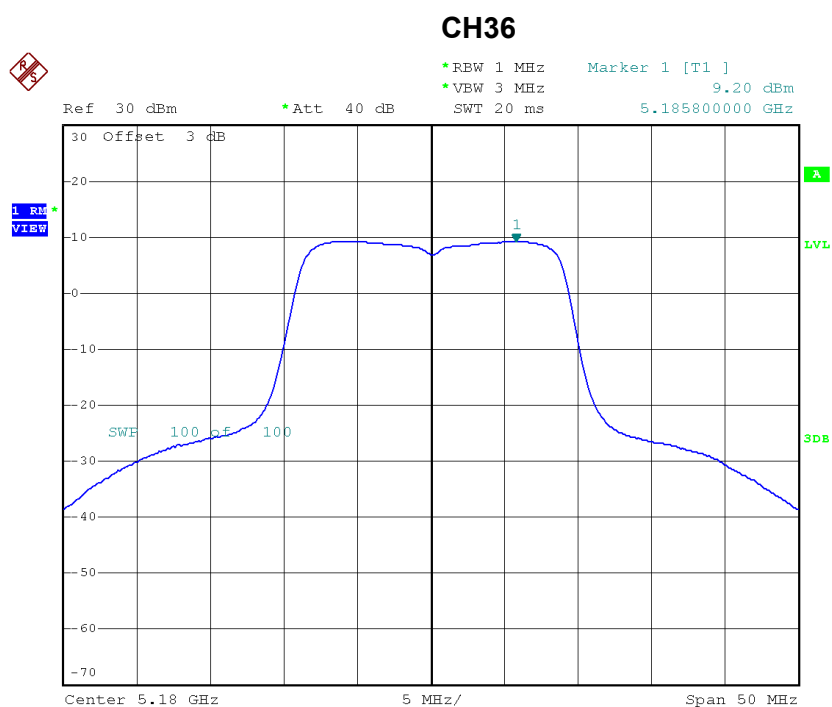
CH36

Date: 16.APR.2018 11:41:13

CH40
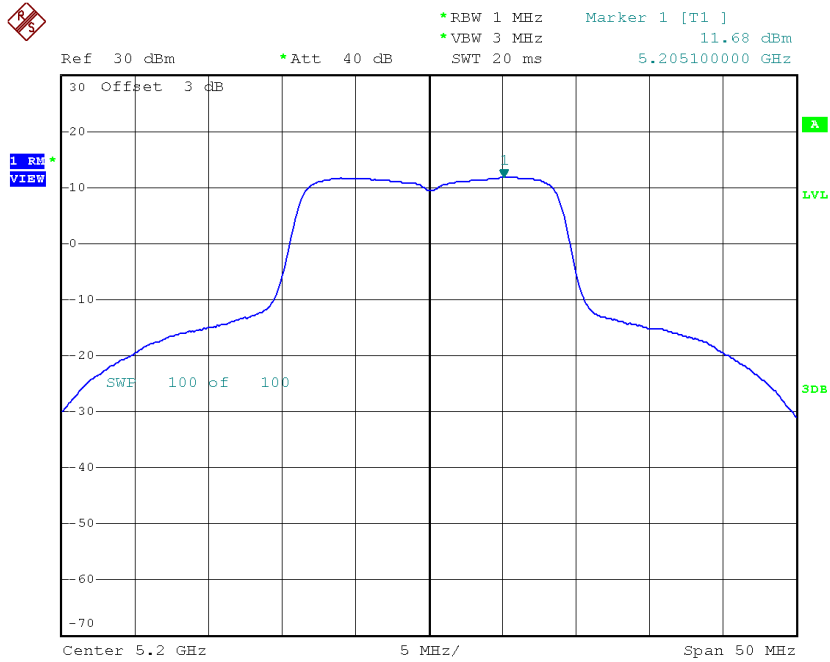
Date: 16.APR.2018 11:43:09

CH48
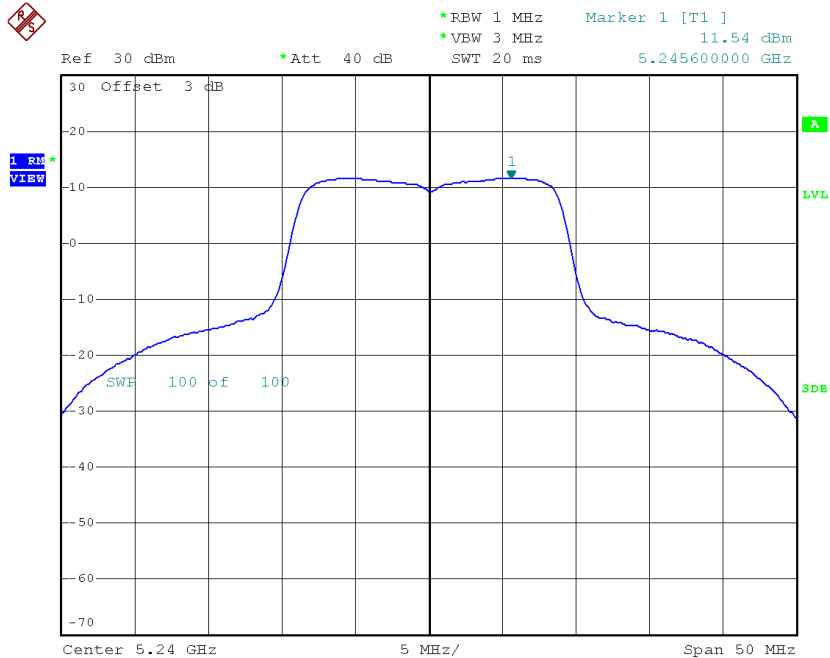
Date: 16.APR.2018 11:43:50

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.37	0.00	11.37	17.00
CH40	5200	13.31	0.00	13.31	17.00
CH48	5240	12.90	0.00	12.90	17.00
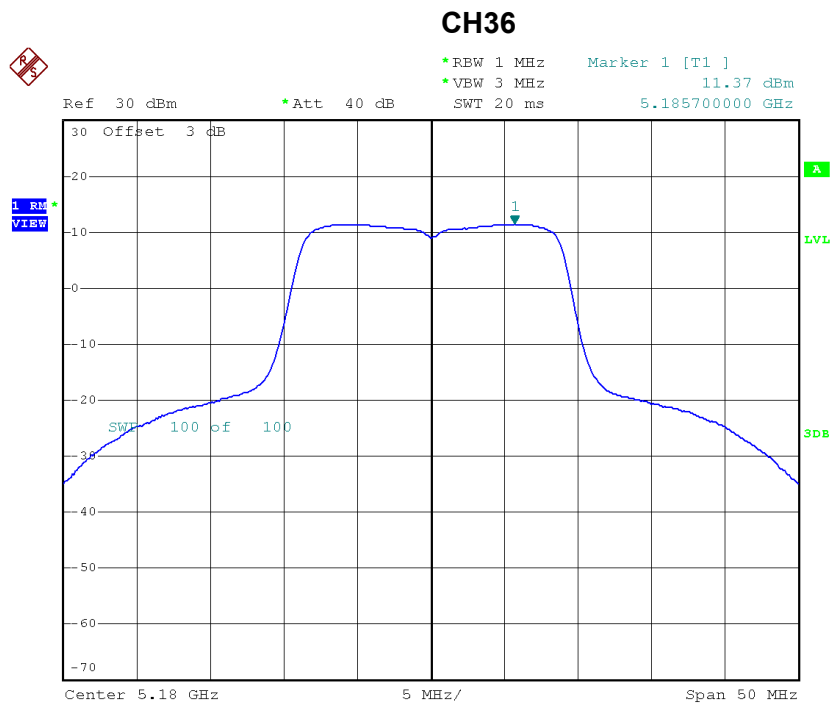
CH36

Date: 16.APR.2018 11:31:43

CH40

```
                              *RBW 1 MHz    Marker 1 [T1 ]
                              *VBW 3 MHz              13.31 dBm
      Ref  30 dBm   *Att  40 dB   SWT 20 ms      5.205600000 GHz
```



```
Center 5.2 GHz              5 MHz/              Span 50 MHz
```
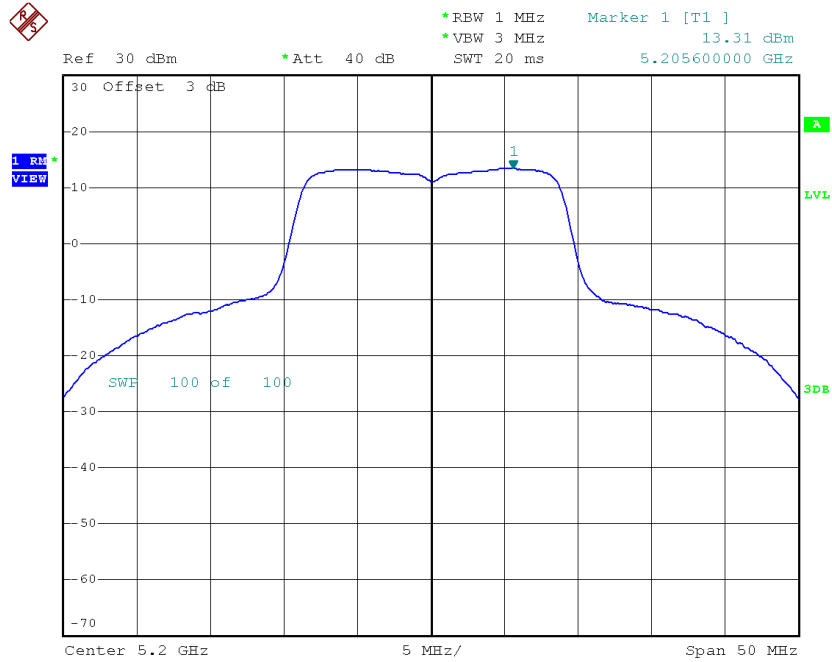
Date: 16.APR.2018 11:32:25

CH48

```
                              *RBW 1 MHz    Marker 1 [T1 ]
                              *VBW 3 MHz              12.90 dBm
      Ref  30 dBm   *Att  40 dB   SWT 20 ms      5.245600000 GHz
```



```
Center 5.24 GHz             5 MHz/              Span 50 MHz
```
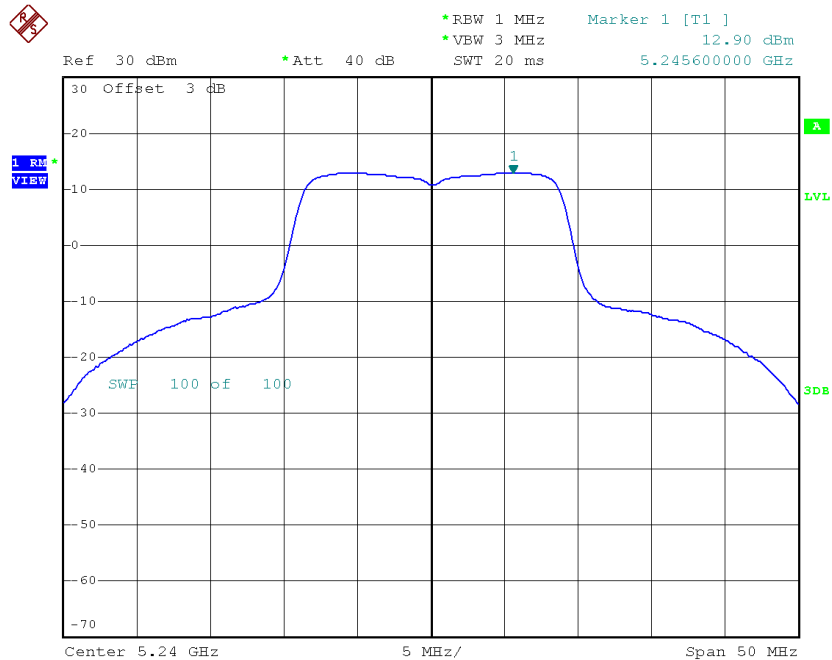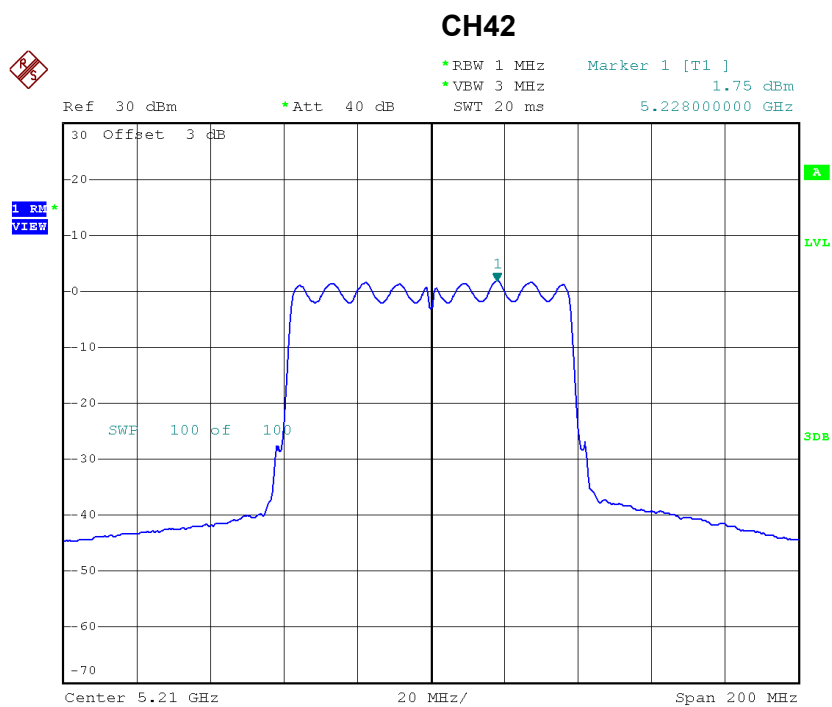
Date: 16.APR.2018 11:33:05

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	13.43	17.00
CH40	5200	15.58	17.00
CH48	5240	15.28	17.00

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	3.11	0.00	3.11	17.00
CH46	5230	9.92	0.00	9.92	17.00

CH38

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   3.11 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.205200000 GHz

30 Offset 3 dB

A

1 RM *
VIEW

LVL

SWP   100 of   100

3DB

Center 5.19 GHz   10 MHz/   Span 100 MHz
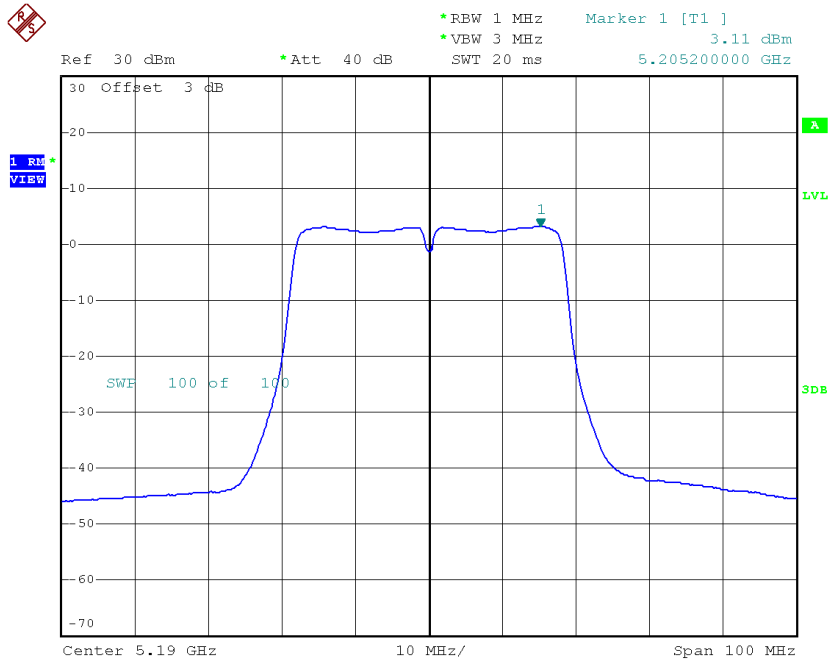
Date: 16.APR.2018 12:19:18

CH46

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   9.92 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.215600000 GHz

30 Offset 3 dB

A

1 RM *
VIEW

LVL

SWP   100 of   100

3DB

Center 5.23 GHz   10 MHz/   Span 100 MHz
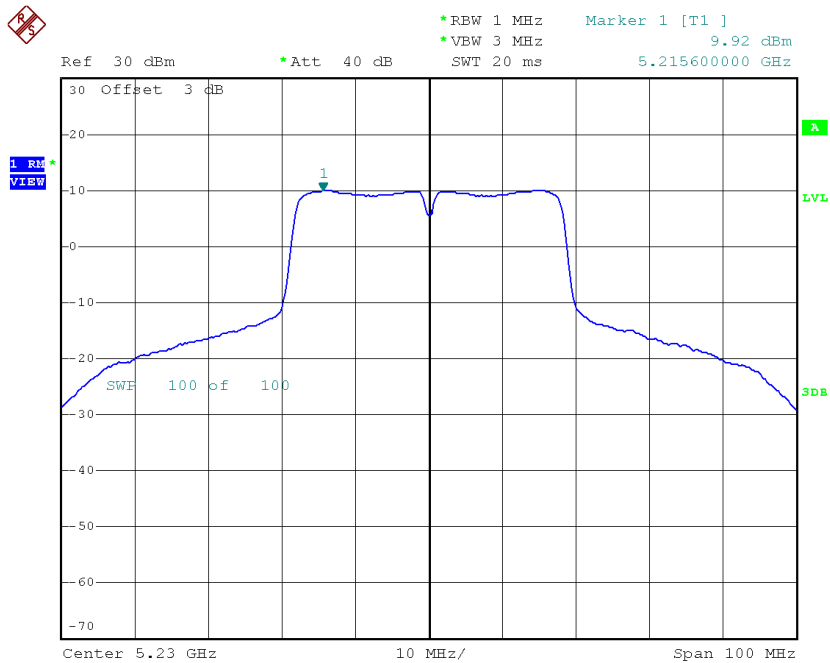
Date: 16.APR.2018 12:20:09

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.14	0.00	2.14	17.00
CH46	5230	8.62	0.00	8.62	17.00

CH38

30 Offset 3 dB

30
-20
-10
1
0
-10
-20
SWP   100 of   100
-30
-40
-50
-60
-70

A
LVL
3DB

Center 5.19 GHz   10 MHz/   Span 100 MHz
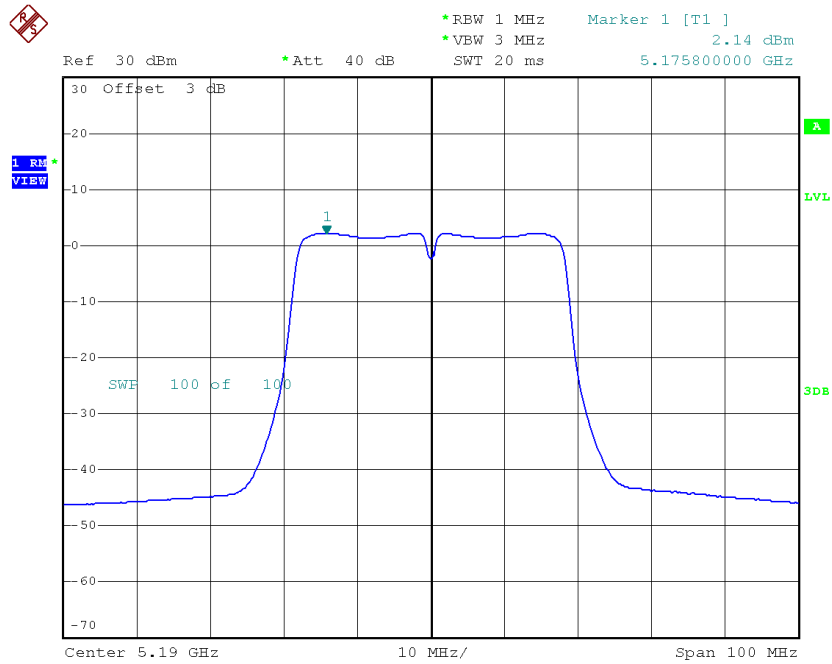
Date: 16.APR.2018 12:09:44

CH46

30 Offset 3 dB

30
-20
1
-10
0
-10
-20
SWP   100 of   100
-30
-40
-50
-60
-70

A
LVL
3DB

Center 5.23 GHz   10 MHz/   Span 100 MHz
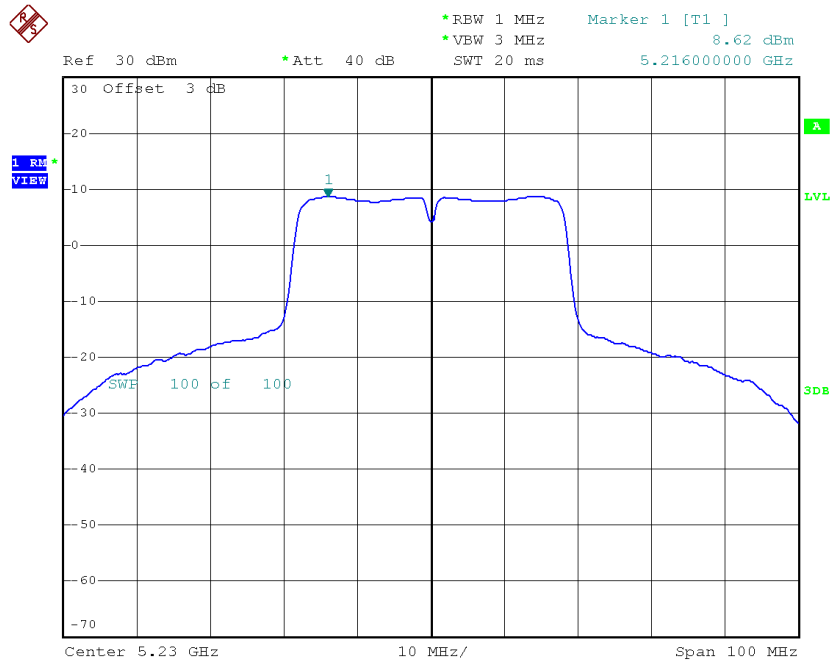
Date: 16.APR.2018 12:11:05

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	5.66	17.00
CH46	5230	12.33	17.00

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	1.75	0.00	1.75	17.00

CH42

Date: 16.APR.2018 12:23:55

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	1.74	0.00	1.74	17.00
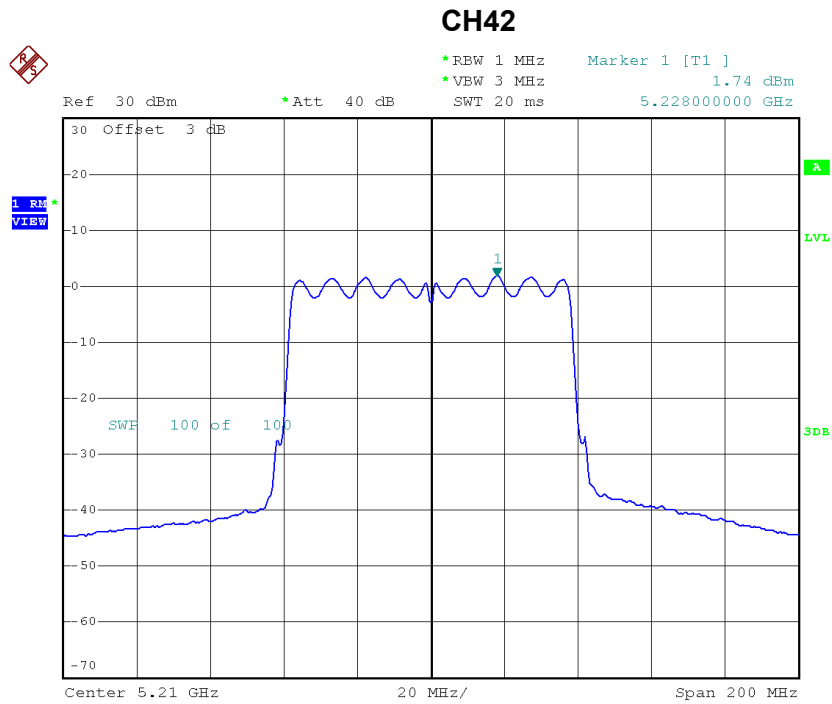
CH42

Date: 16.APR.2018 12:26:25

Test Mode: UNII-1/TX AC80 Mode_CH42_Total

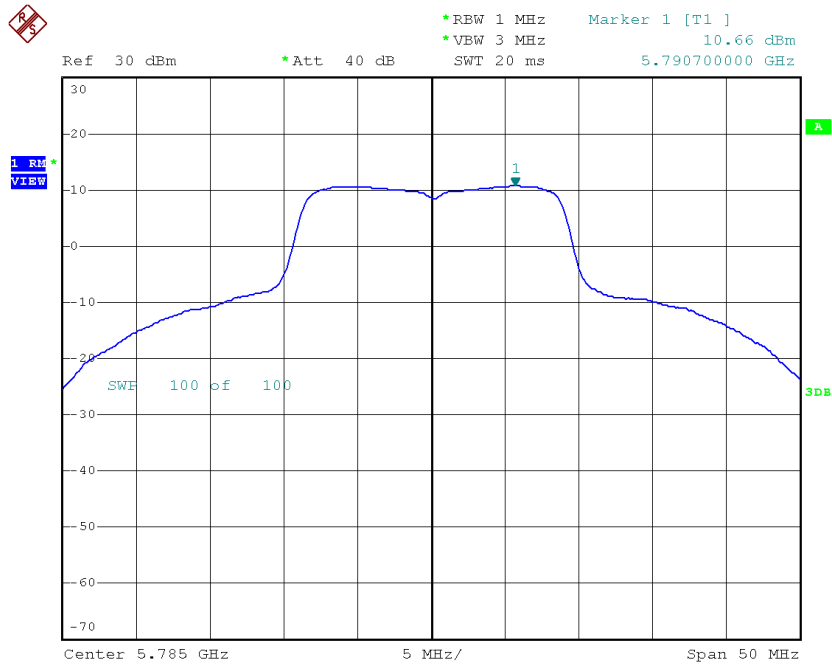| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	4.76	17.00

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.34	0.00	10.34	30.00
CH157	5785	9.94	0.00	9.94	30.00
CH165	5825	9.89	0.00	9.89	30.00

TX CH149
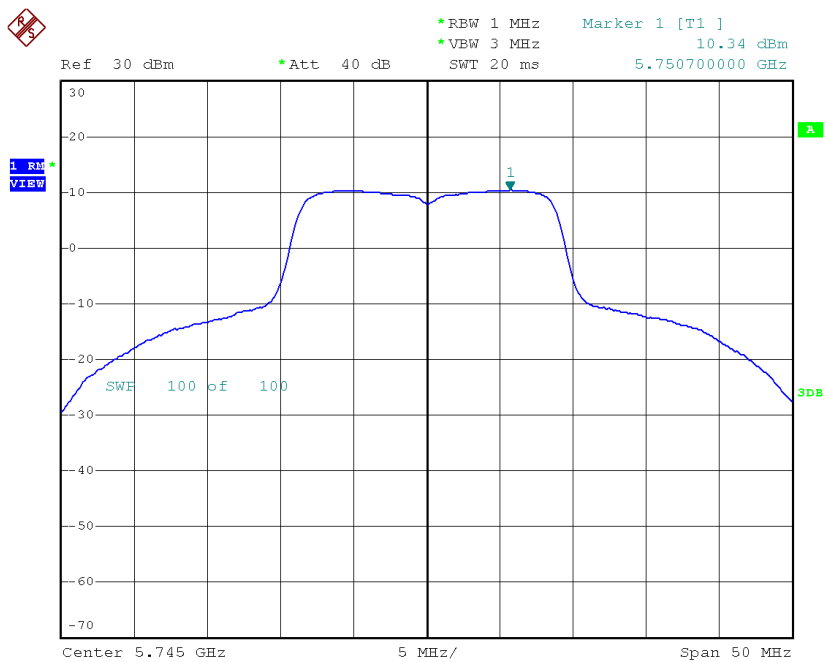
Date: 16.APR.2018 11:46:18

TX CH157

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   9.94 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.790900000 GHz

1 RM *
VIEW

A

SWP   100 of   100

3DB

Center 5.785 GHz   5 MHz/   Span 50 MHz
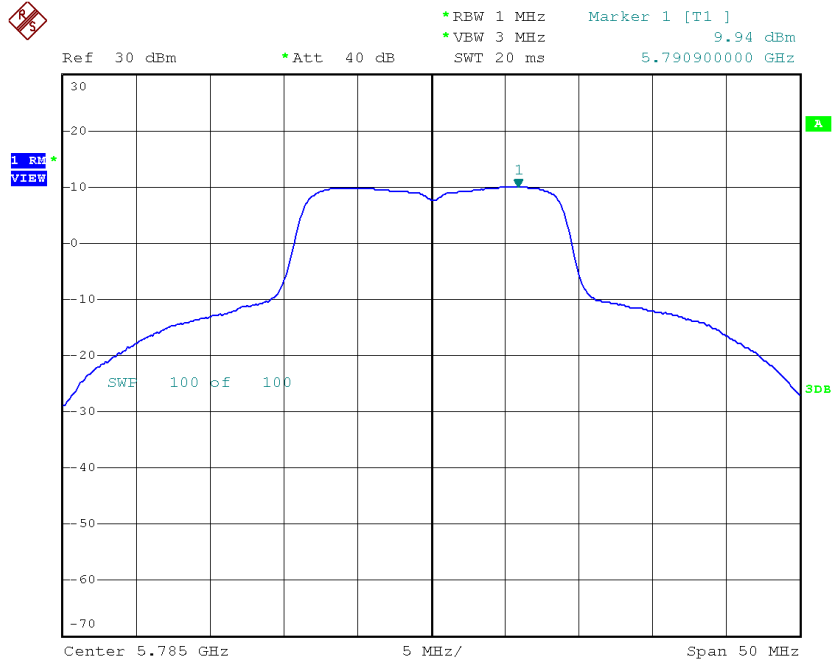
Date: 16.APR.2018   11:47:10

TX CH165

*RBW 1 MHz   Marker 1 [T1]
*VBW 3 MHz   9.89 dBm
Ref 30 dBm   *Att 40 dB   SWT 20 ms   5.830800000 GHz

1 RM *
VIEW

A

SWP   100 of   100

3DB

Center 5.825 GHz   5 MHz/   Span 50 MHz
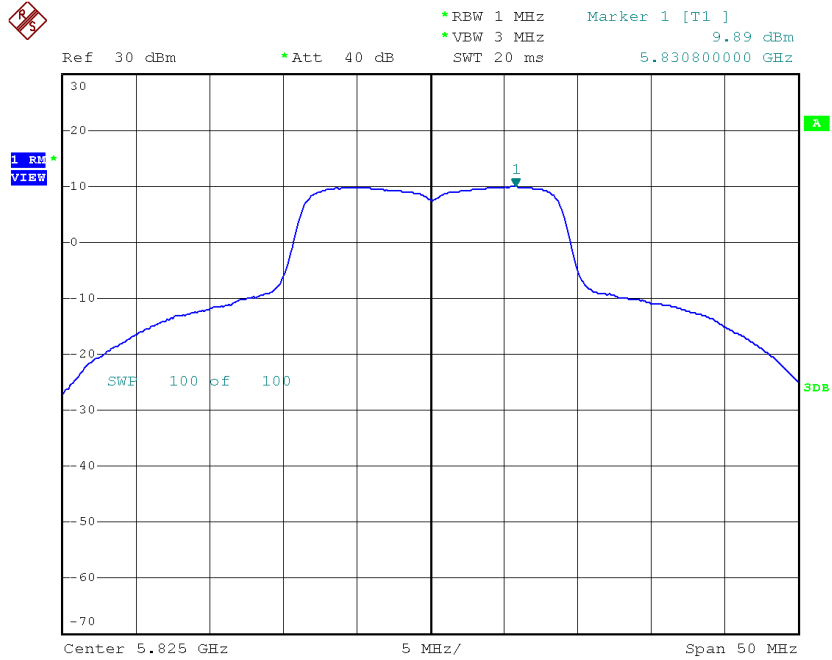
Date: 16.APR.2018   11:48:28
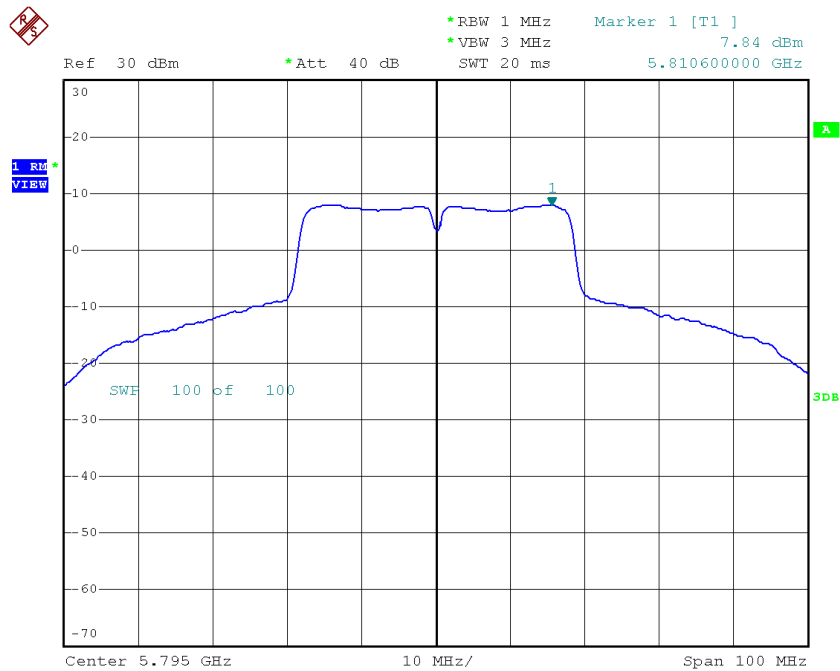
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.82	0.00	10.82	30.00
CH157	5785	10.66	0.00	10.66	30.00
CH165	5825	10.41	0.00	10.41	30.00

TX CH149
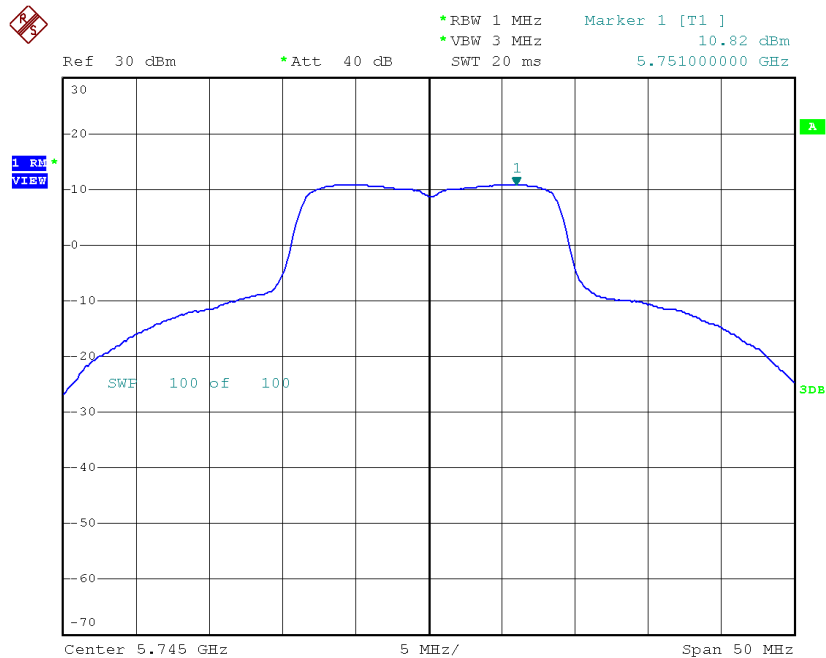
Date: 16.APR.2018 11:33:53

TX CH157

Date: 16.APR.2018 11:34:50

TX CH165
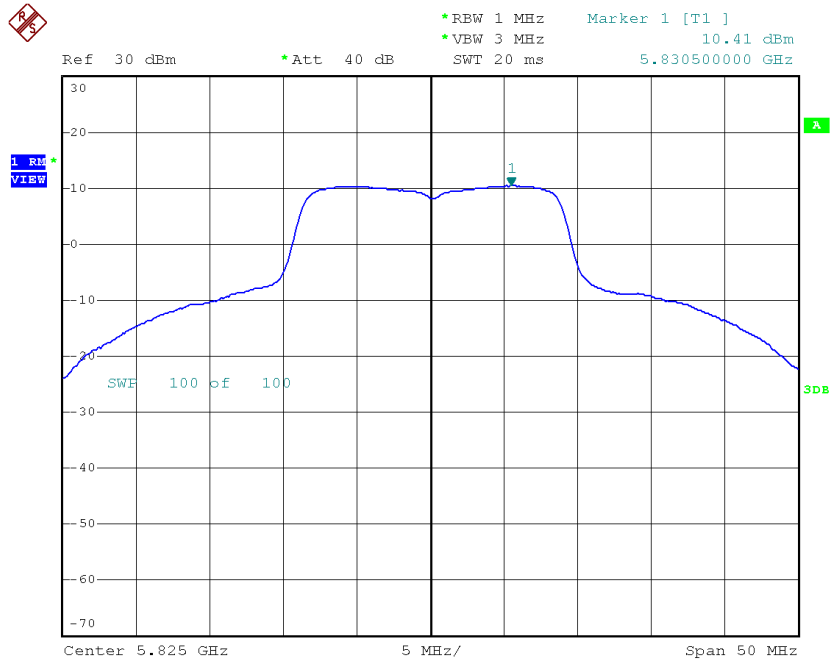
Date: 16.APR.2018 11:37:56

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	13.60	30.00
CH157	5785	13.33	30.00
CH165	5825	13.17	30.00

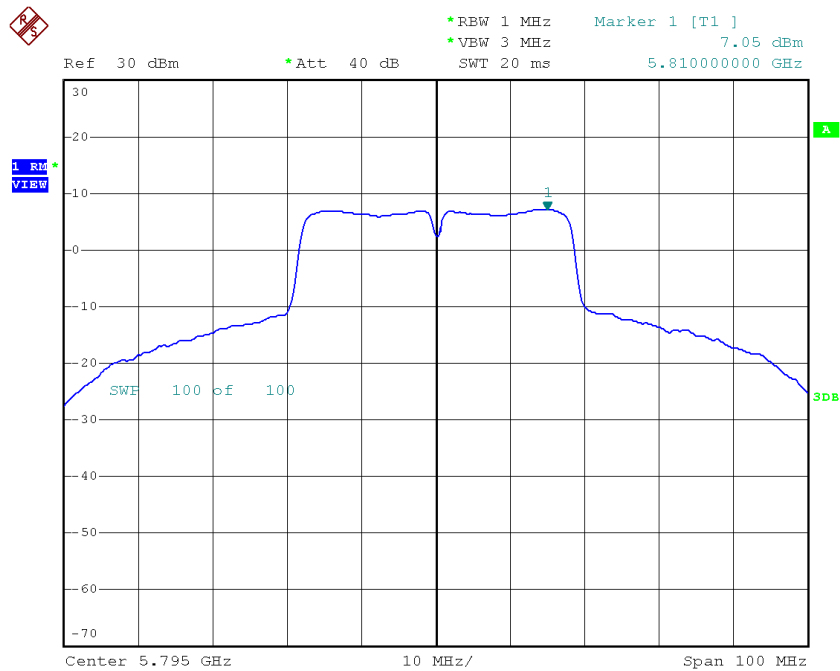|				Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 1	

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	8.39	0.00	8.39	30.00
CH159	5795	7.84	0.00	7.84	30.00

TX CH151


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz               8.39 dBm
Ref  30 dBm         *Att  40 dB     SWT 20 ms       5.769800000 GHz
```
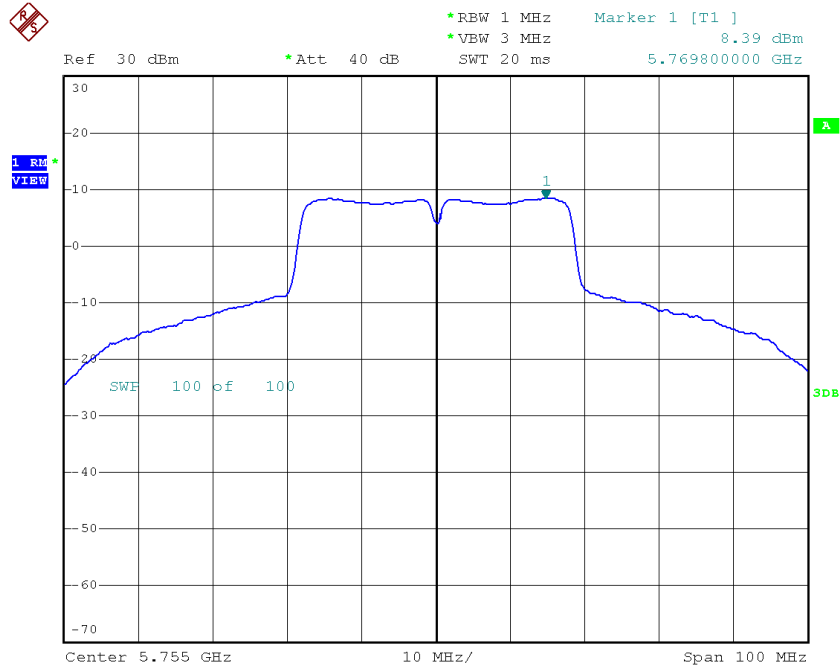
Date: 16.APR.2018 12:21:08

TX CH159


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz               7.84 dBm
Ref  30 dBm         *Att  40 dB     SWT 20 ms       5.810600000 GHz
```

Date: 16.APR.2018 12:22:01

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	7.39	0.00	7.39	30.00
CH159	5795	7.05	0.00	7.05	30.00

TX CH151

1 RM *
VIEW

A

1

3DB

SWF   100 of   100

Center 5.755 GHz   10 MHz/   Span 100 MHz
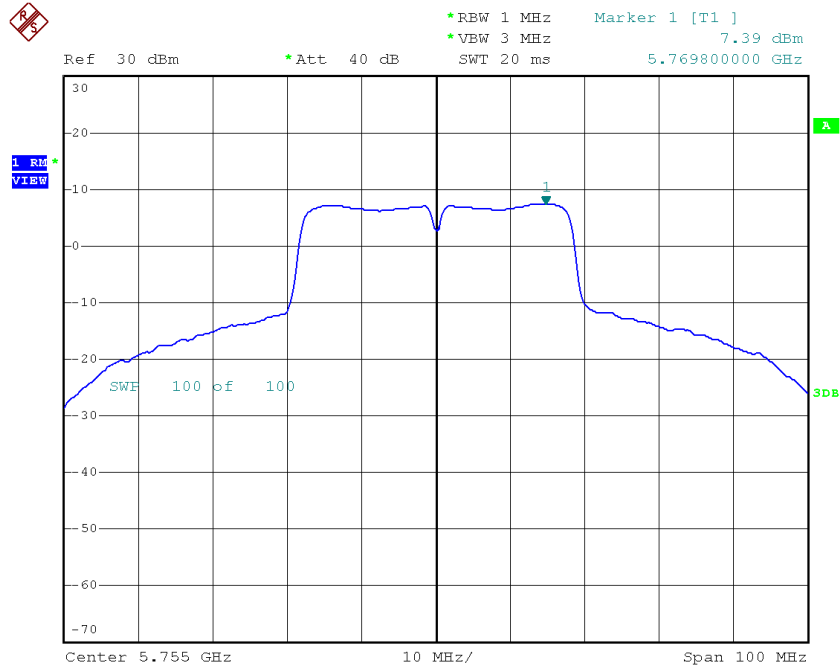
Date: 16.APR.2018 12:16:04

TX CH159

1 RM *
VIEW

A

1

3DB

SWF   100 of   100

Center 5.795 GHz   10 MHz/   Span 100 MHz

Date: 16.APR.2018 12:16:58

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total			
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	10.93	30.00
CH159	5795	10.47	30.00

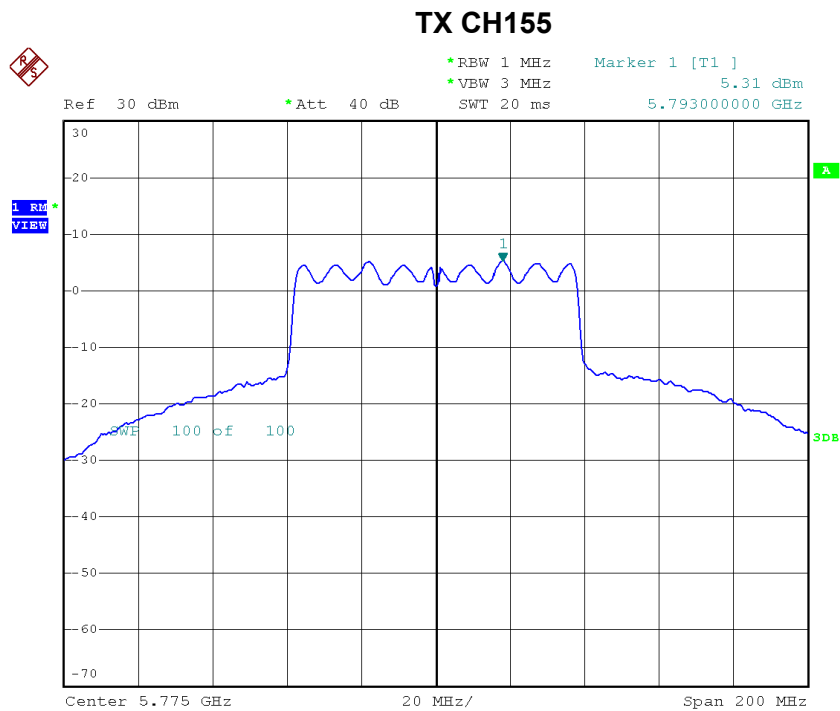| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	5.18	0.00	5.18	30.00

TX CH155
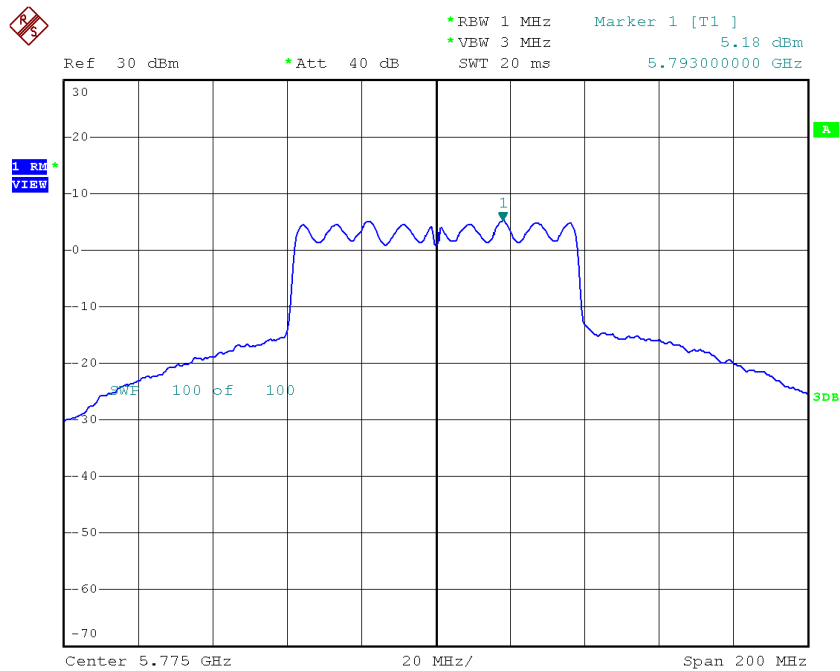
Date: 16.APR.2018 12:25:00

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	5.31	0.00	5.31	30.00

TX CH155

Date: 16.APR.2018 12:27:31

Test Mode: UNII-3/ TX AC80 Mode_CH155_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	8.26	30.00

APPENDIX H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5180.0512
120	5180.0468
102	5180.0412
Max. Deviation (MHz)	0.0512
Max. Deviation (ppm)	9.8842

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5180.0364
5	5180.0344
15	5180.0316
25	5180.0292
35	5180.0272
45	5180.0264
50	5180.0244
Max. Deviation (MHz)	0.0364
Max. Deviation (ppm)	7.0270

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5745.0172
120	5745.0228
102	5745.0236
Max. Deviation (MHz)	0.0236
Max. Deviation (ppm)	4.1079

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5745.0248
5	5745.0248
15	5745.0248
25	5745.0244
35	5745.0248
45	5745.0248
50	5745.0252
Max. Deviation (MHz)	0.0252
Max. Deviation (ppm)	4.3864

End of Test Report