TX CH40

Date: 25.MAR.2017 17:13:59

TX CH48
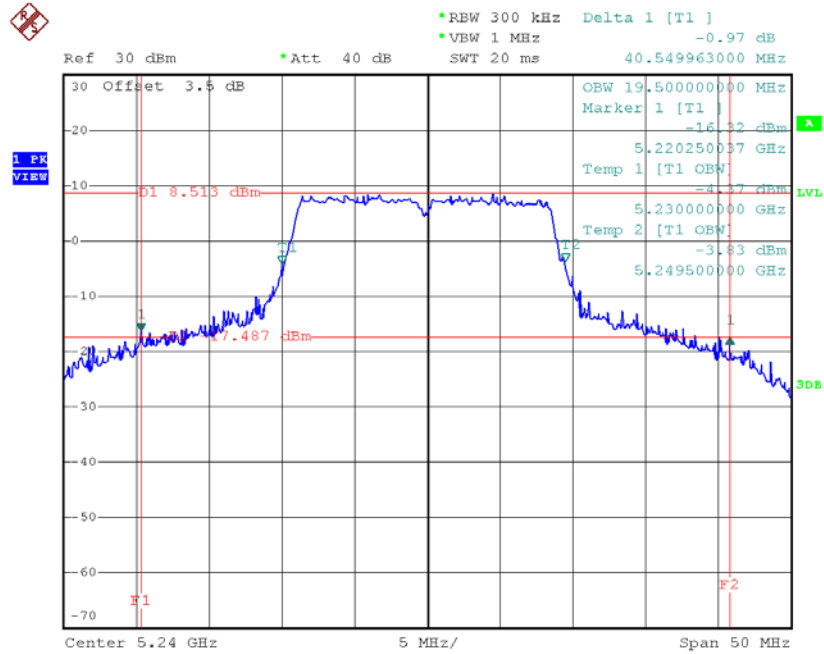
Date: 25.MAR.2017 17:27:39

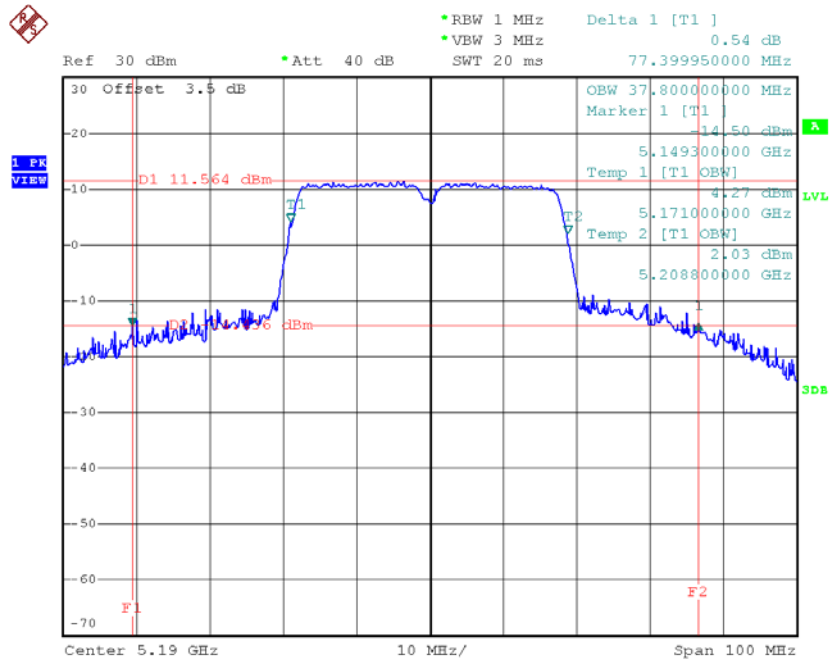| Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	77.40	37.80
CH46	5230	82.80	38.40

TX CH38

Date: 25.MAR.2017 17:41:45

TX CH46
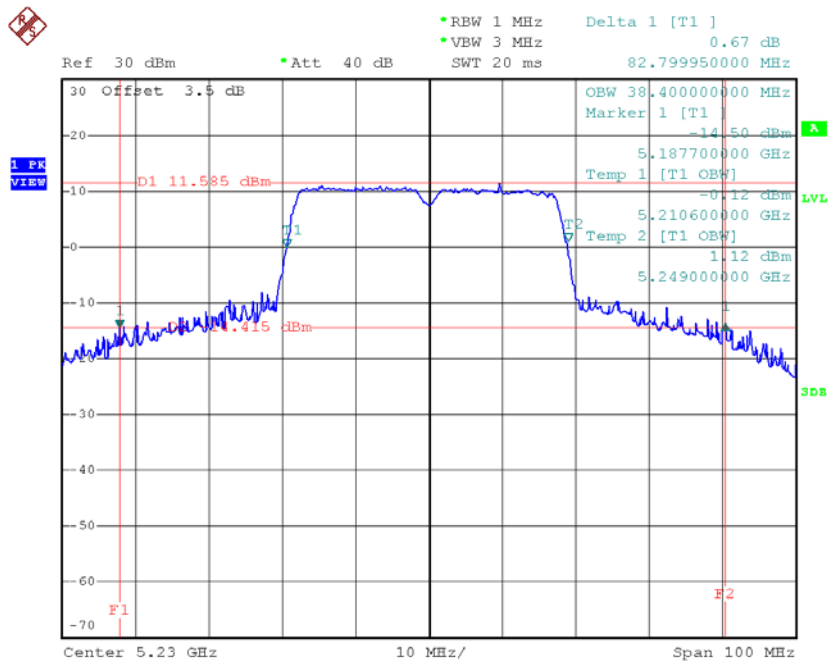
Date: 25.MAR.2017 17:42:42

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

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.45	16.70	>=500
CH157	5785	16.45	16.70	>=500
CH165	5825	16.45	16.70	>=500

TX CH 149

Date: 25.MAR.2017 17:05:36

TX CH 157
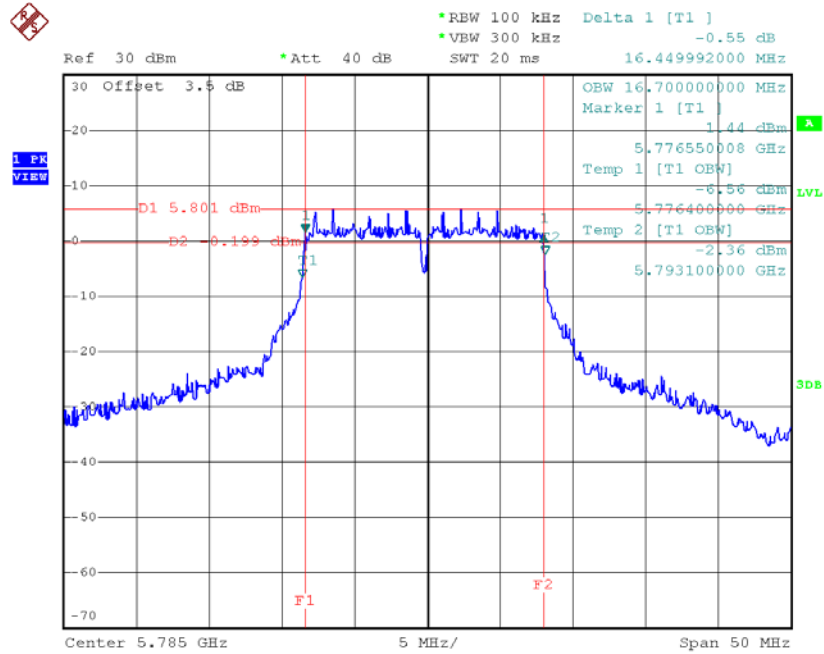
Date: 25.MAR.2017 17:07:40

TX CH 165
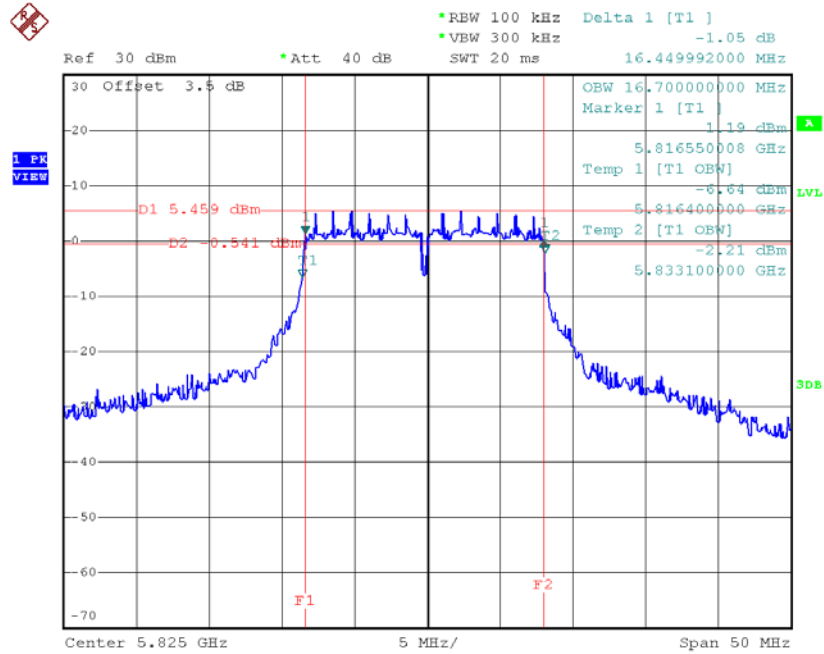
Date: 25.MAR.2017 17:08:31

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

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.90	>=500
CH157	5785	17.65	17.90	>=500
CH165	5825	17.65	17.90	>=500

TX CH 149
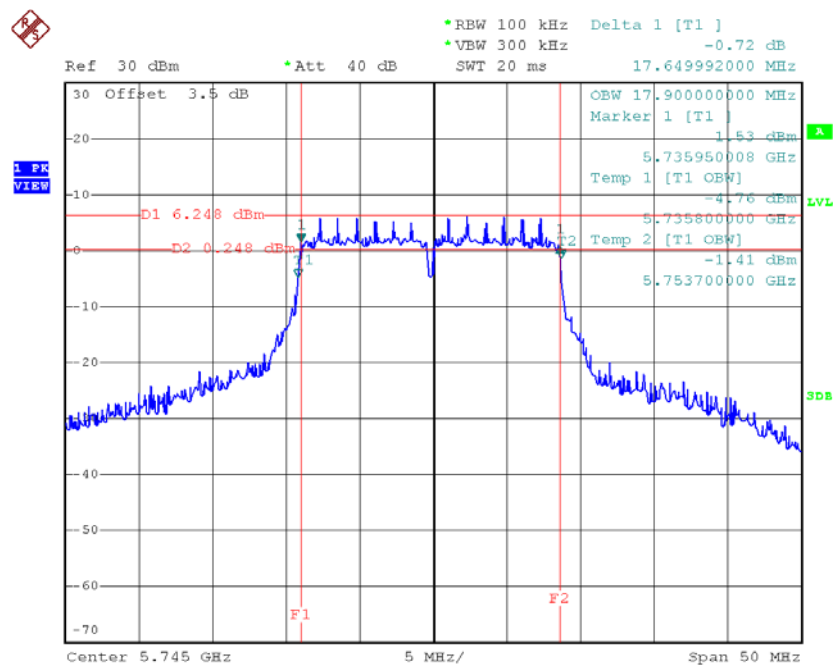
Date: 25.MAR.2017 17:30:54

TX CH 157

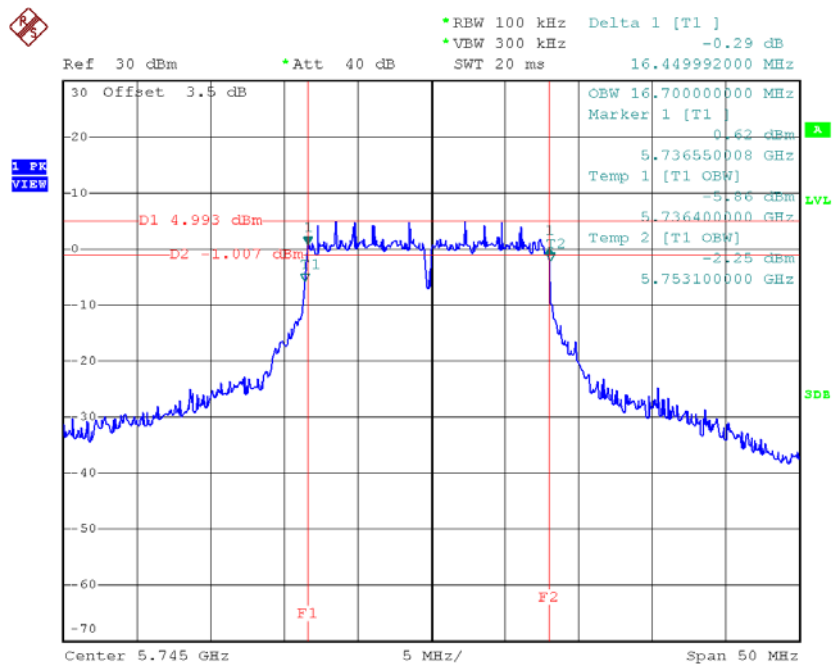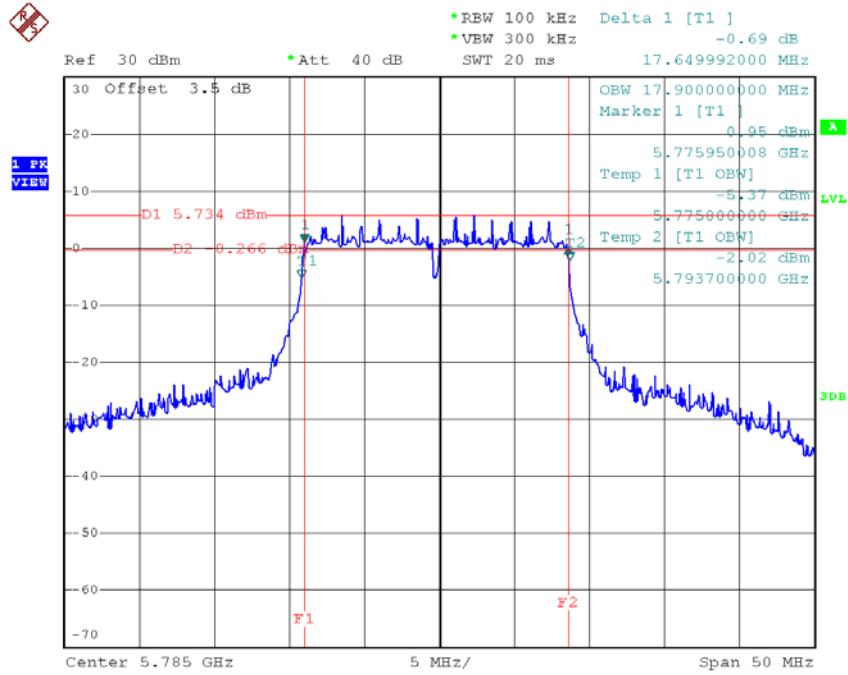Date: 25.MAR.2017 17:31:46

TX CH 165

Date: 25.MAR.2017 17:32:36

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

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	>=500
CH159	5795	36.50	36.40	>=500

TX CH 151

TX CH 159

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

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	37.09	19.20
CH40	5200	35.75	19.20
CH48	5240	37.69	19.20

TX CH36

Date: 25.MAR.2017 17:34:05

TX CH40
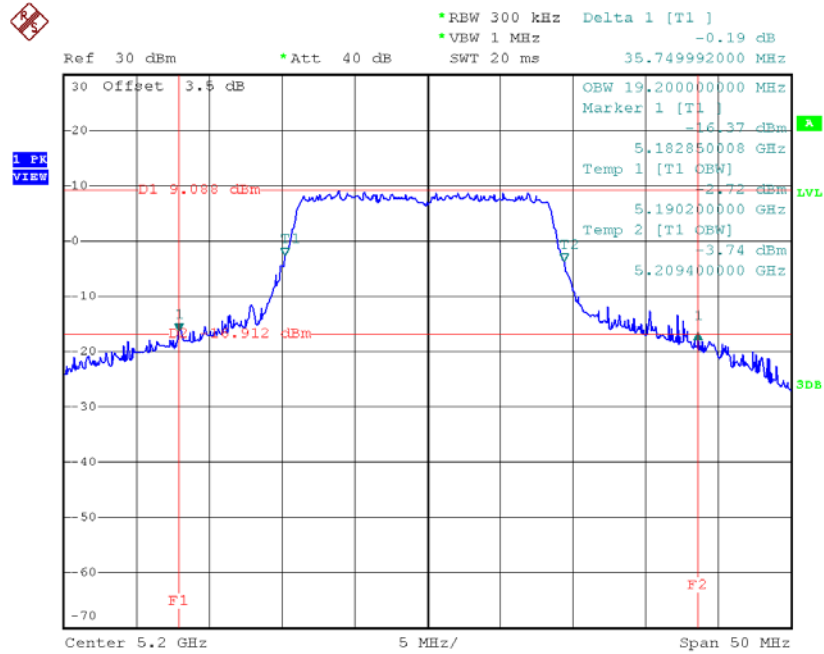
Date: 25.MAR.2017 17:35:11

TX CH48
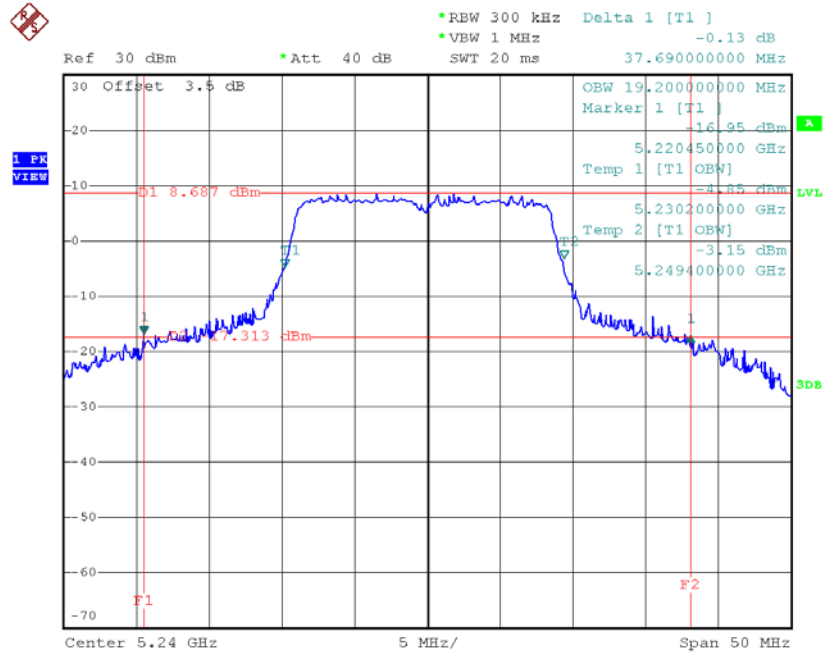
Date: 25.MAR.2017 17:36:30

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

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	83.10	38.00
CH46	5230	80.20	37.80

TX CH38
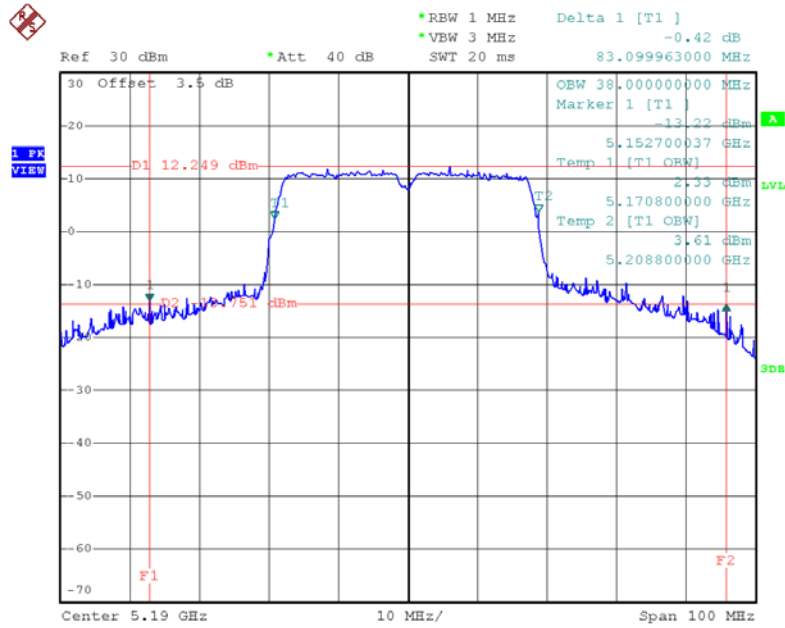
Date: 25.MAR.2017 17:46:45

TX CH46
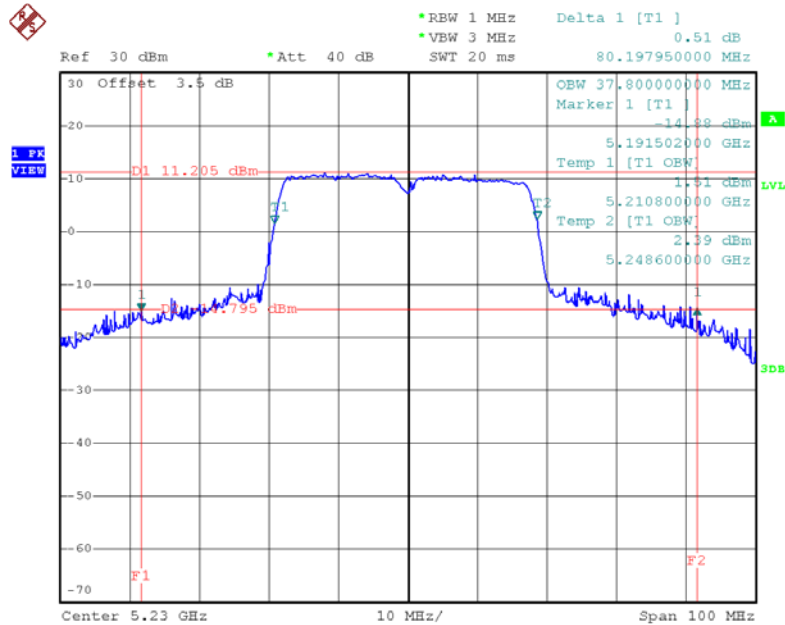
Date: 25.MAR.2017 17:48:21

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	127.19	76.40

TX CH42
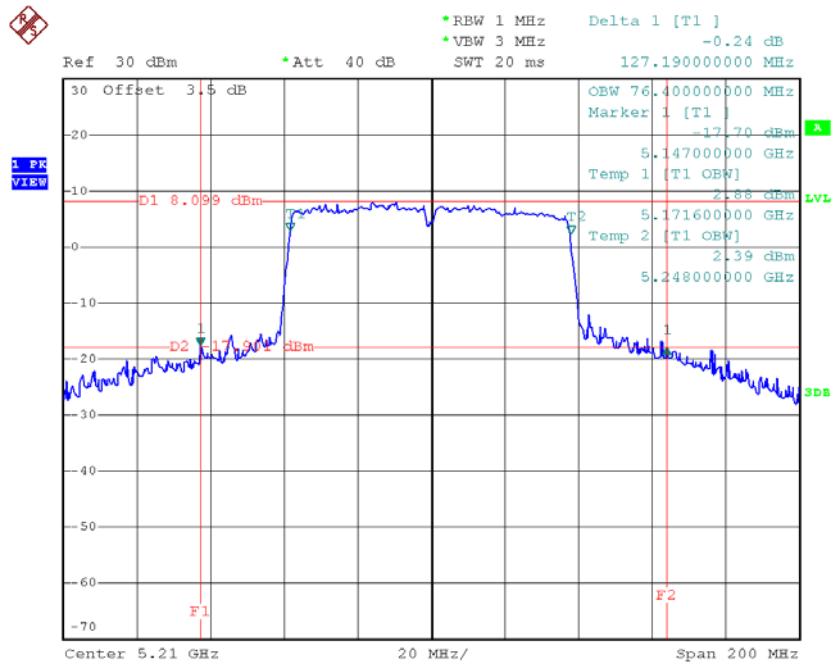
Date: 25.MAR.2017 17:54:18

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

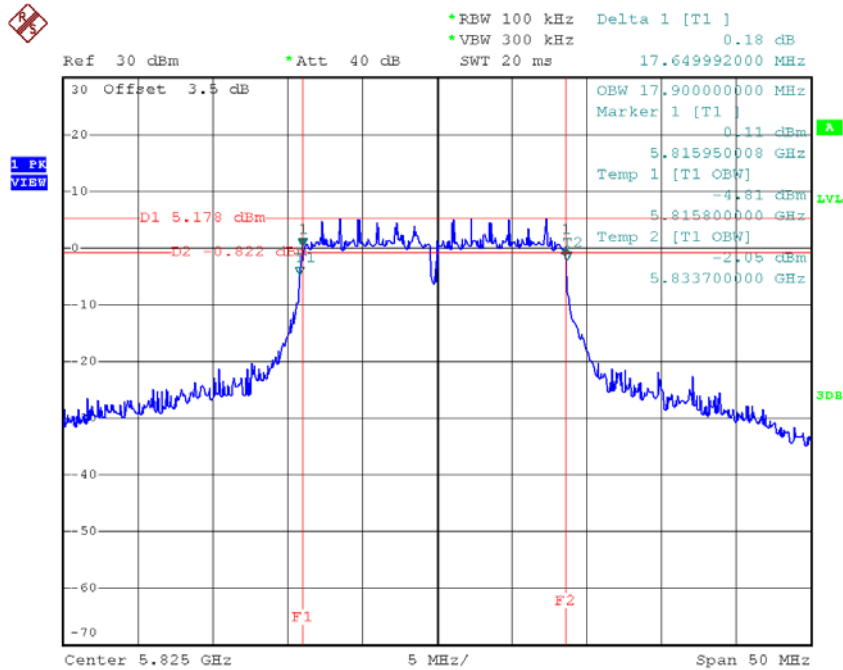| Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.90	>=500
CH157	5785	17.65	17.90	>=500
CH165	5825	17.65	17.90	>=500

TX CH 149
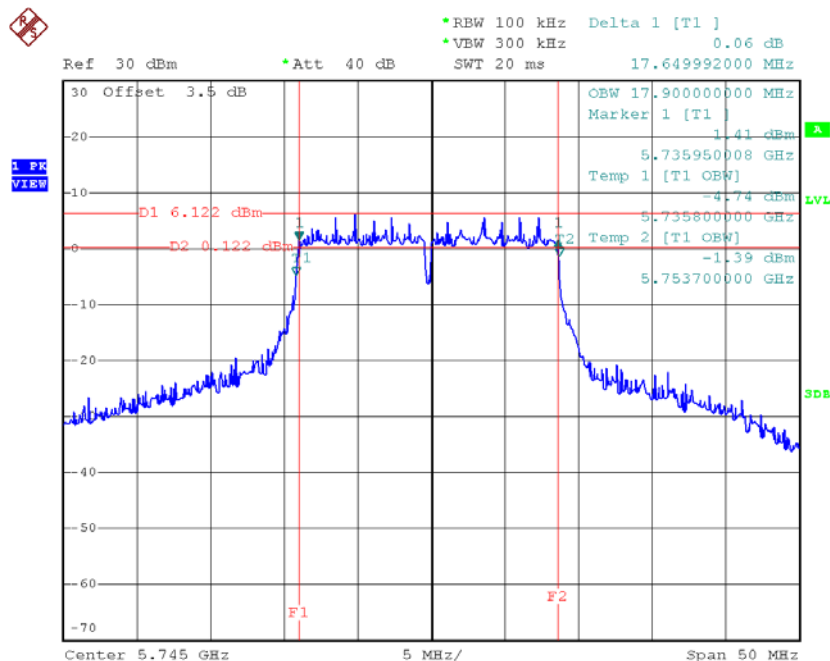
Date: 25.MAR.2017 17:37:33

TX CH 157
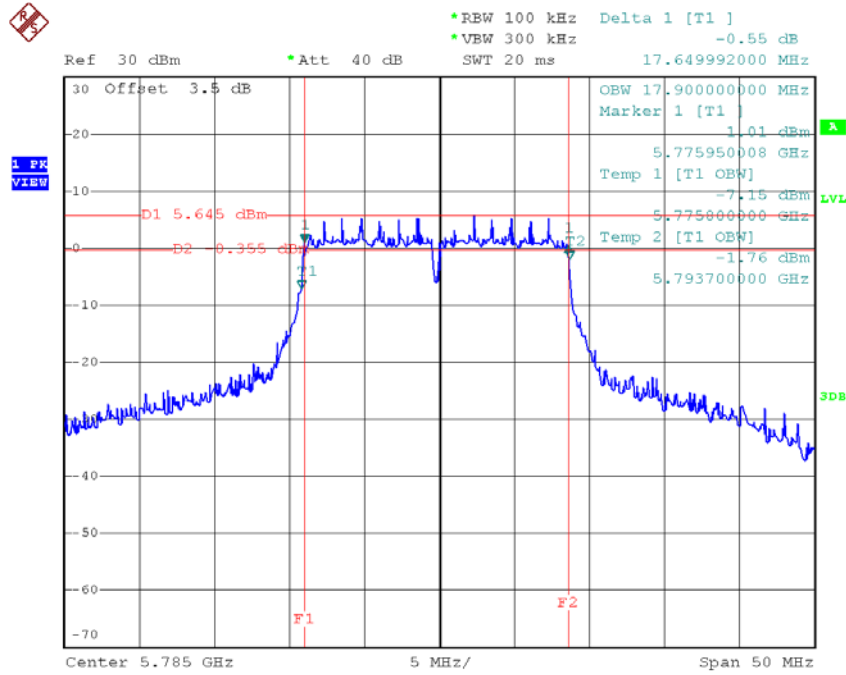
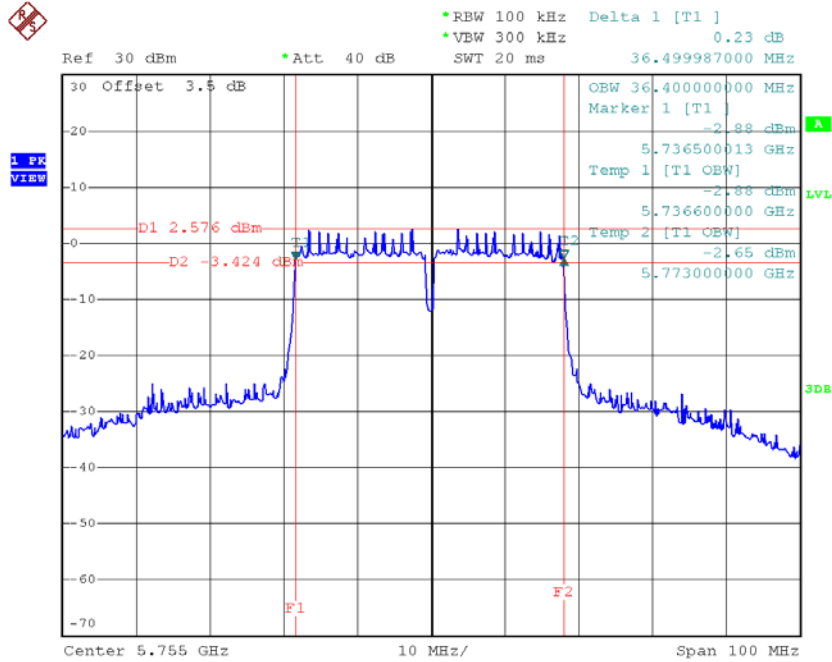Date: 25.MAR.2017 17:38:46

TX CH 165
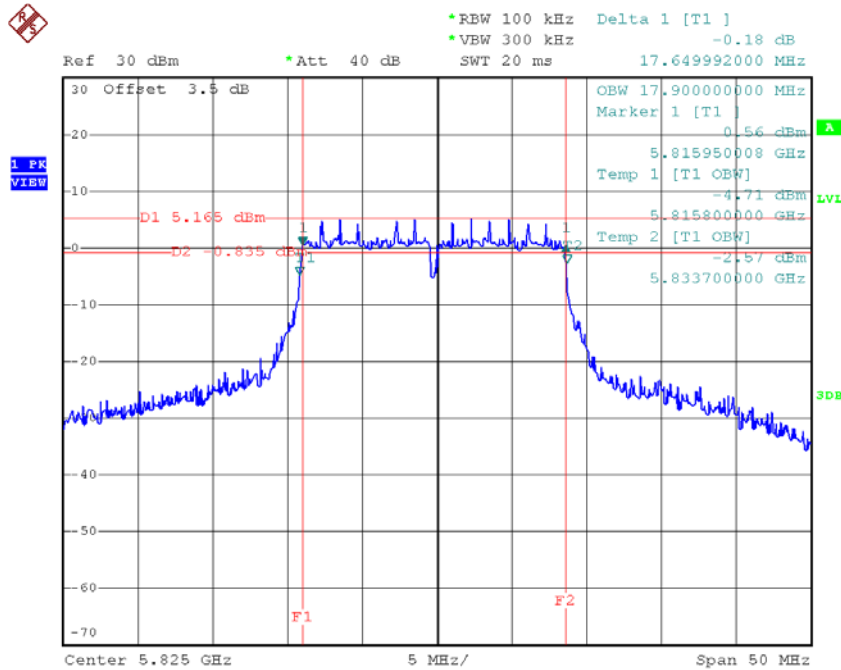
Date: 25.MAR.2017 17:39:41
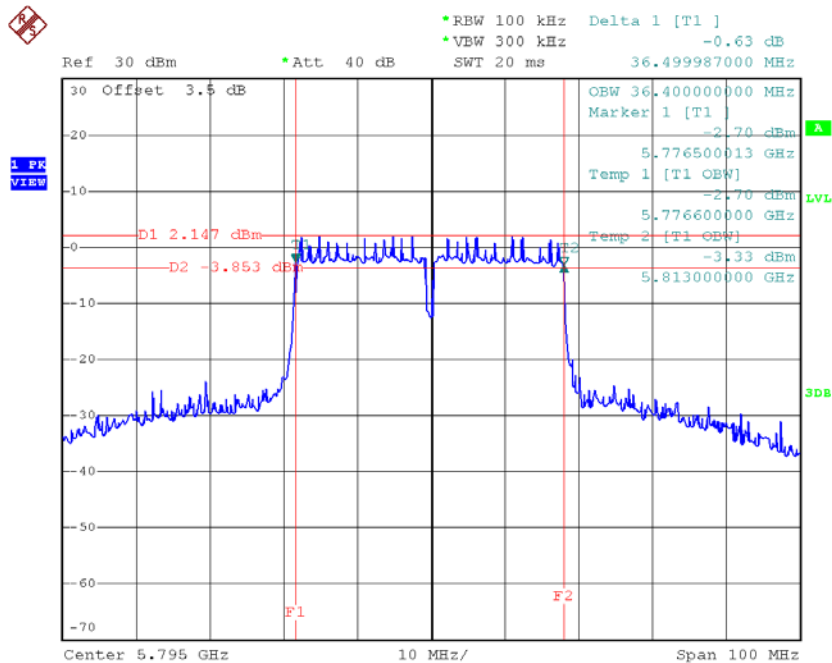
Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	>=500
CH159	5795	36.50	36.40	>=500
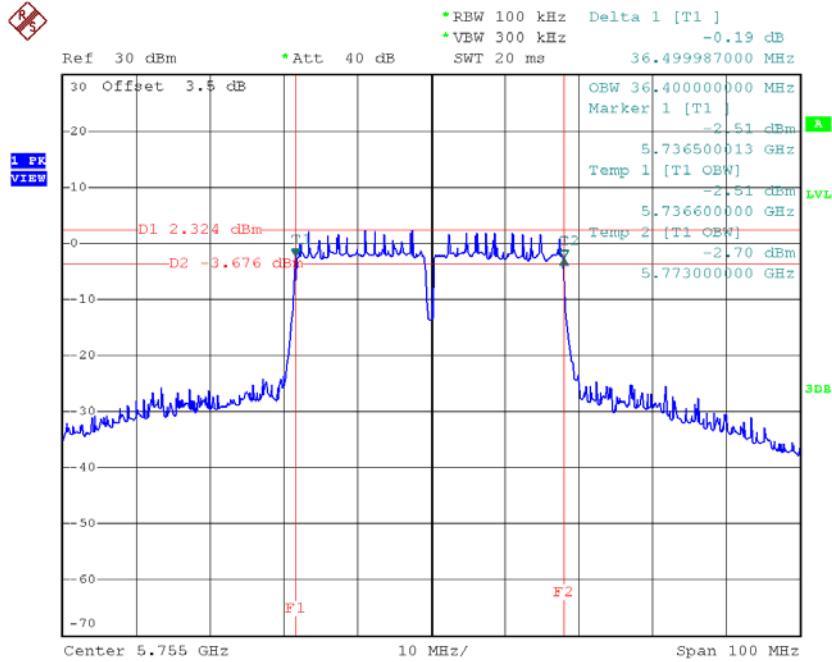
TX CH 151

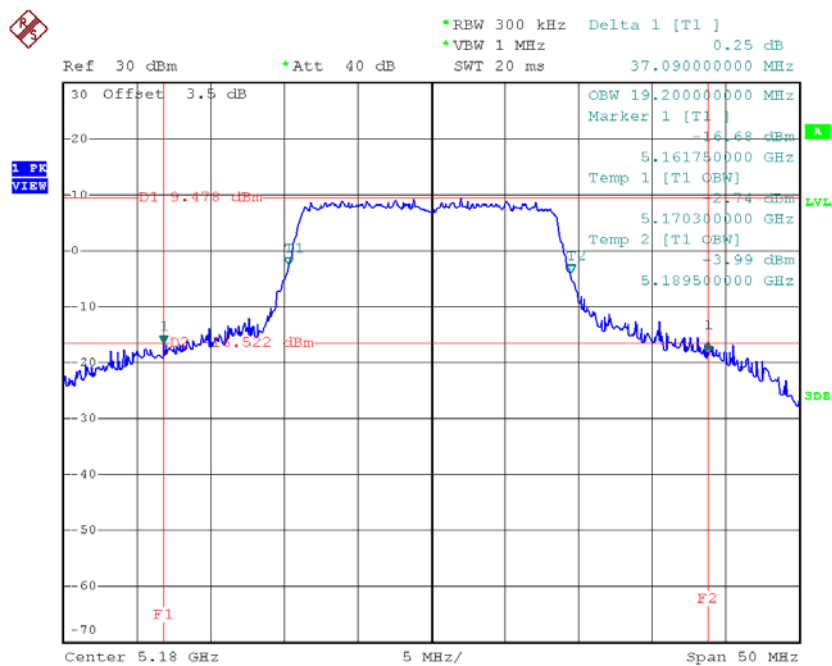Date: 25.MAR.2017 17:49:26

TX CH 159
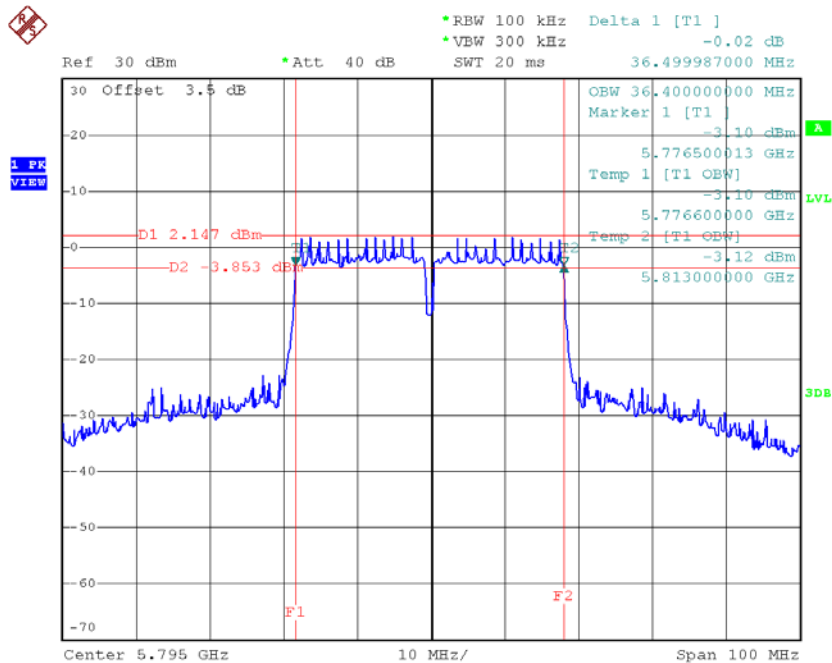
Date: 25.MAR.2017 17:51:01

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.60	76.40	>=500

TX CH 155
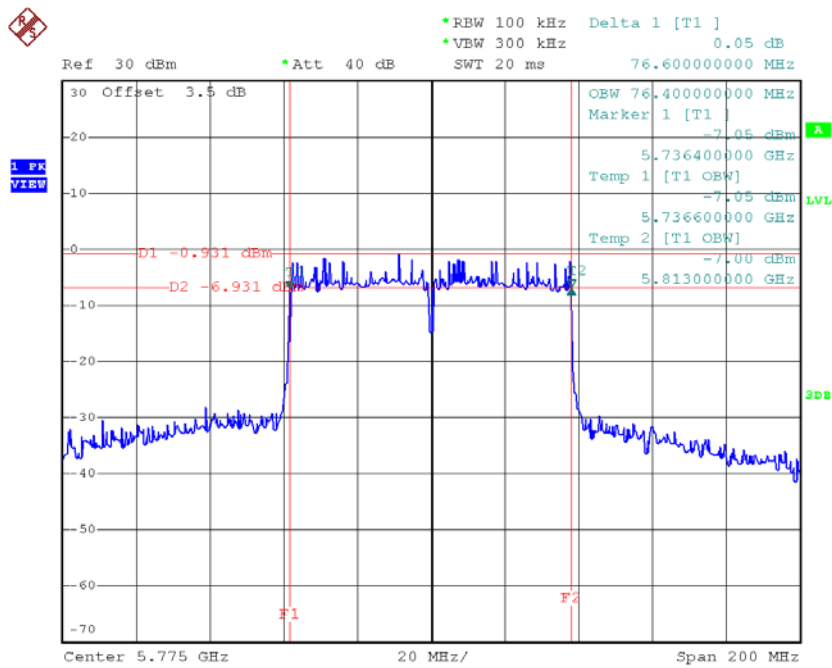
Date: 25.MAR.2017 17:55:21

ATTACHMENT F - MAXIMUM OUTPUT POWER

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	12.37	0.15	12.52	30.00	1.00
CH40	5200	14.22	0.15	14.37	30.00	1.00
CH48	5240	13.14	0.15	13.29	30.00	1.00

Test Mode: UNII-1/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.16	0.16	12.32	30.00	1.00
CH40	5200	14.43	0.16	14.59	30.00	1.00
CH48	5240	13.37	0.16	13.53	30.00	1.00

Test Mode: UNII-1/TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	8.31	0.53	8.84	30.00	1.00
CH46	5230	10.01	0.53	10.54	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	10.11	0.16	10.27	30.00	1.00
CH40	5200	12.01	0.16	12.17	30.00	1.00
CH48	5240	11.53	0.16	11.69	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	8.36	0.46	8.82	30.00	1.00
CH46	5230	10.12	0.46	10.58	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	9.73	0.91	10.64	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	12.64	0.15	12.79	30.00	1.00
CH157	5785	12.63	0.15	12.78	30.00	1.00
CH165	5825	11.94	0.15	12.09	30.00	1.00

Test Mode: UNII-3/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	12.55	0.16	12.71	30.00	1.00
CH157	5785	12.38	0.16	12.54	30.00	1.00
CH165	5825	11.31	0.16	11.47	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	10.24	0.53	10.77	30.00	1.00
CH159	5795	10.47	0.53	11.00	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	11.34	0.16	11.50	30.00	1.00
CH157	5785	11.45	0.16	11.61	30.00	1.00
CH165	5825	10.93	0.16	11.09	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	9.93	0.46	10.39	30.00	1.00
CH159	5795	10.17	0.46	10.63	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	9.34	0.91	10.25	30.00	1.00

ATTACHMENT H - POWER SPECTRAL DENSITY

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	5.80	0.15	5.95	17.00
CH40	5200	5.78	0.15	5.93	17.00
CH48	5240	4.90	0.15	5.05	17.00

CH36
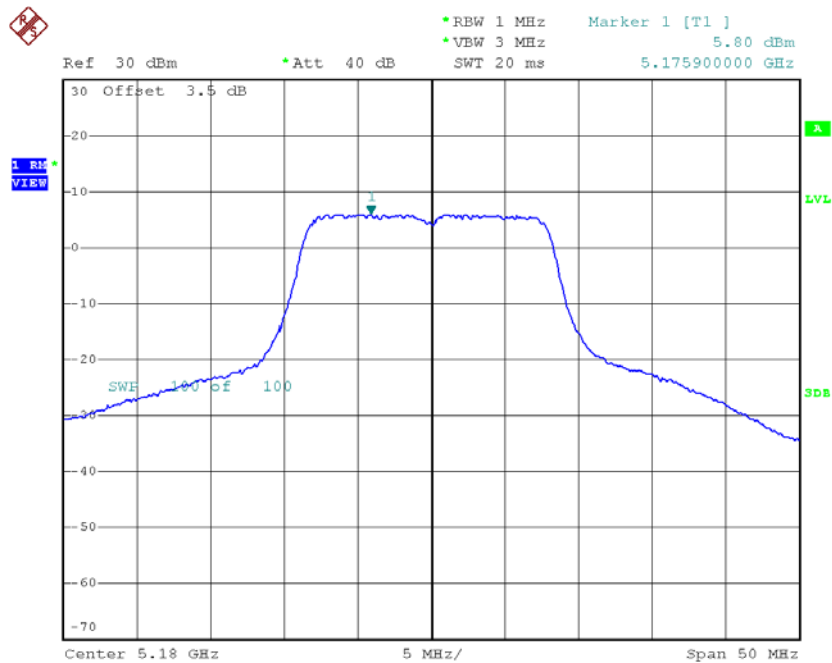
Date: 25.MAR.2017 17:03:17

CH40
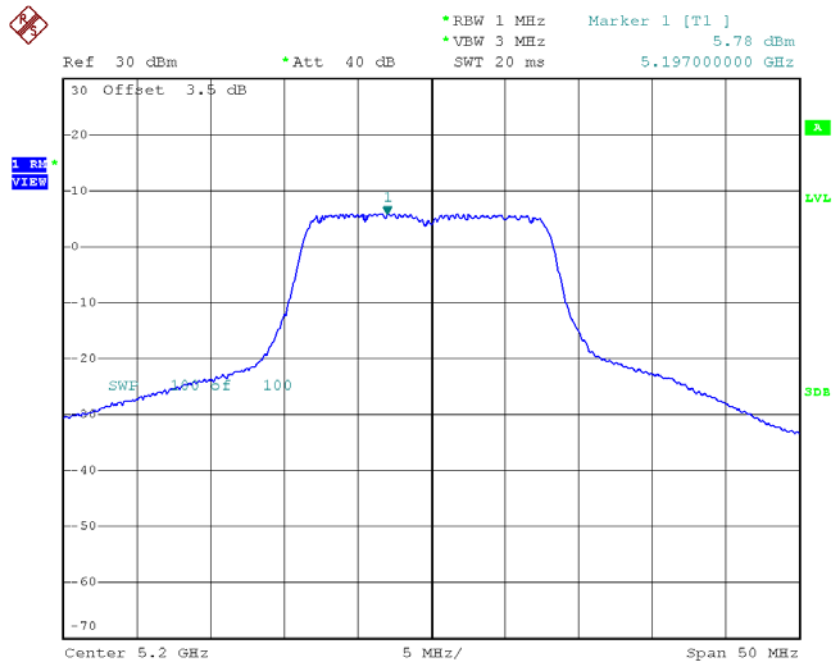
Date: 25.MAR.2017 17:04:14

CH48
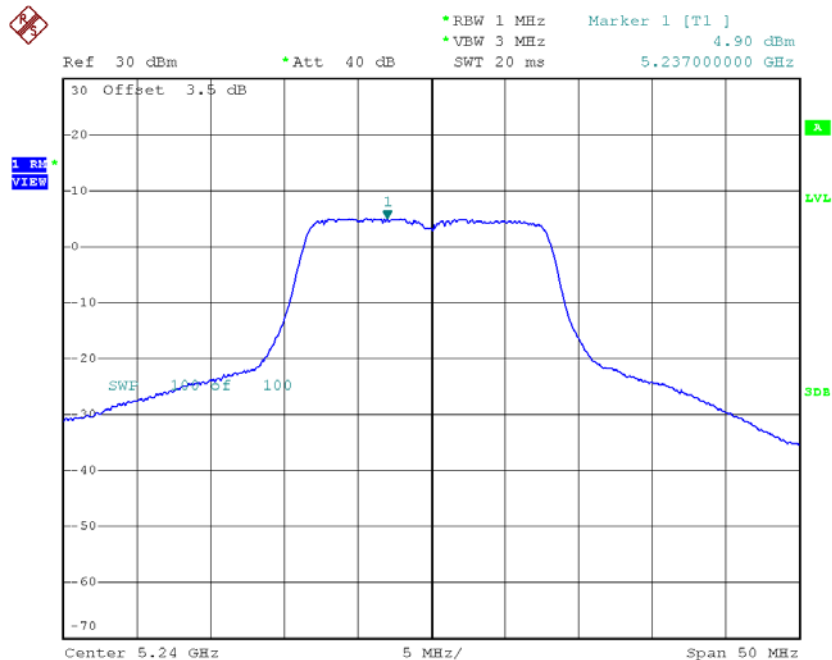
Date: 25.MAR.2017 17:04:55

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.57	0.16	5.73	17.00
CH40	5200	5.67	0.16	5.83	17.00
CH48	5240	4.96	0.16	5.12	17.00

CH36

Date: 25.MAR.2017 17:13:21

CH40

```
                                      *RBW  1 MHz     Marker 1 [T1 ]
                                      *VBW  3 MHz              5.67 dBm
        Ref  30 dBm        *Att  40 dB    SWT  20 ms       5.196800000 GHz
```


Date: 25.MAR.2017 17:14:08

CH48

```
                                      *RBW  1 MHz     Marker 1 [T1 ]
                                      *VBW  3 MHz              4.96 dBm
        Ref  30 dBm        *Att  40 dB    SWT  20 ms       5.236600000 GHz
```
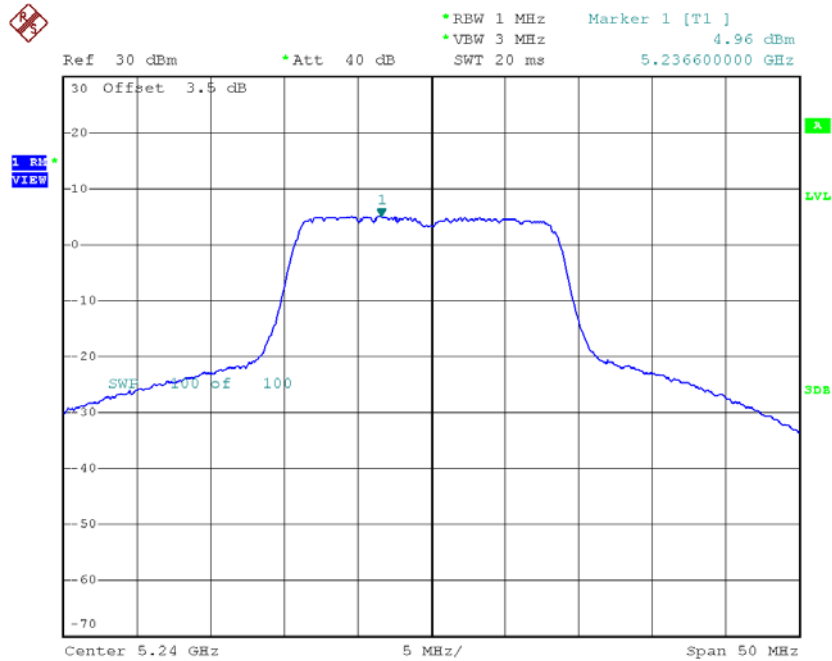

Date: 25.MAR.2017 17:27:49

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.01	0.53	2.54	17.00
CH46	5230	1.68	0.53	2.21	17.00

CH38


```
                                              *RBW 1 MHz    Marker 1 [T1 ]
                                              *VBW 3 MHz                    2.01 dBm
              Ref  30 dBm        *Att  40 dB   SWT 20 ms          5.186000000 GHz
              30 Offset  3.5 dB
```

Date: 25.MAR.2017 17:41:58

CH46


```
                                              *RBW 1 MHz    Marker 1 [T1 ]
                                              *VBW 3 MHz                    1.68 dBm
              Ref  30 dBm        *Att  40 dB   SWT 20 ms          5.223600000 GHz
              30 Offset  3.5 dB
```
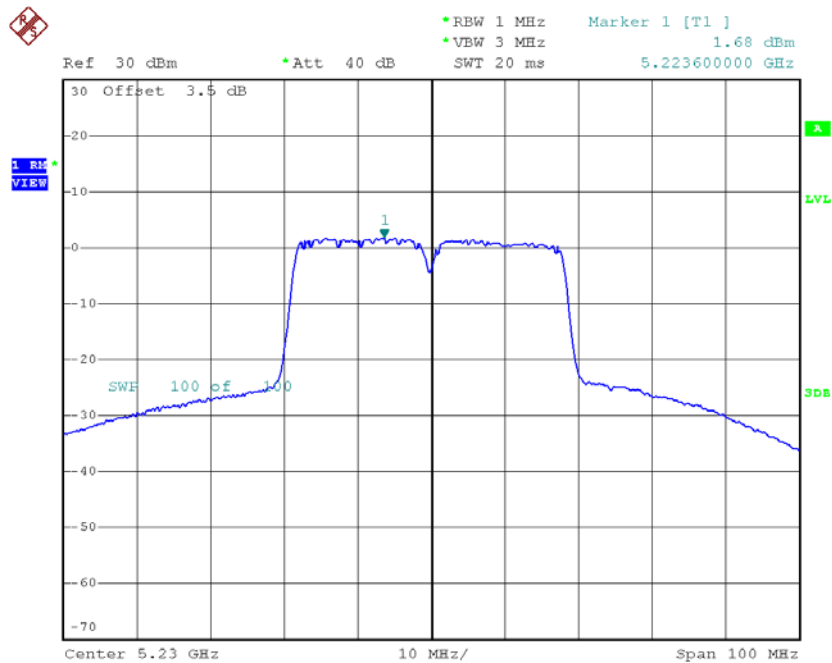
Date: 25.MAR.2017 17:42:54

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.53	0.16	5.69	17.00
CH40	5200	5.58	0.16	5.74	17.00
CH48	5240	4.85	0.16	5.01	17.00

CH36

Date: 25.MAR.2017 17:34:15

CH40

RBW 1 MHz Marker 1 [T1]
VBW 3 MHz   5.58 dBm
Ref 30 dBm   Att 40 dB   SWT 20 ms   5.196800000 GHz

30 Offset 3.5 dB

A
LVL
3DB

Center 5.2 GHz   5 MHz/   Span 50 MHz
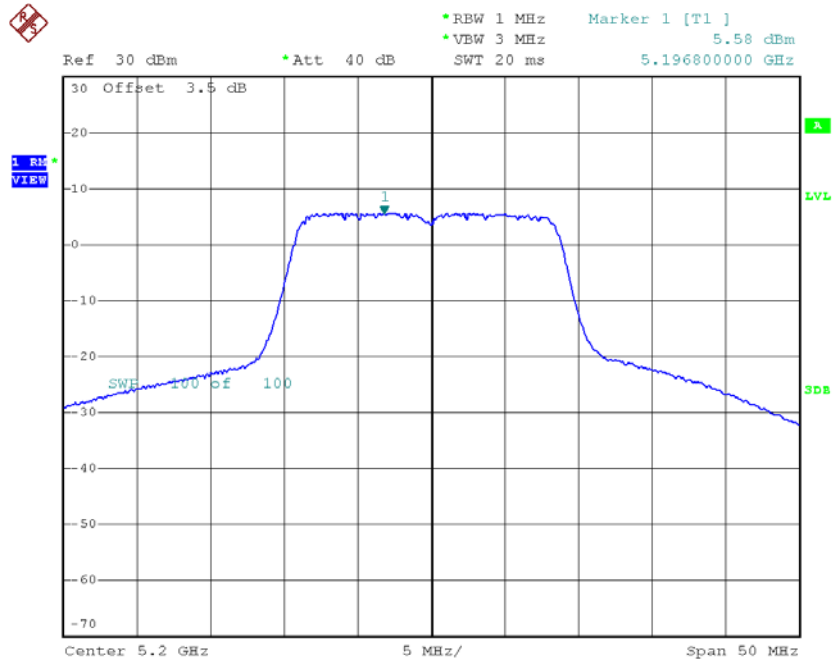
Date: 25.MAR.2017 17:35:20

CH48

RBW 1 MHz Marker 1 [T1]
VBW 3 MHz   4.85 dBm
Ref 30 dBm   Att 40 dB   SWT 20 ms   5.234200000 GHz

30 Offset 3.5 dB

A
LVL
3DB

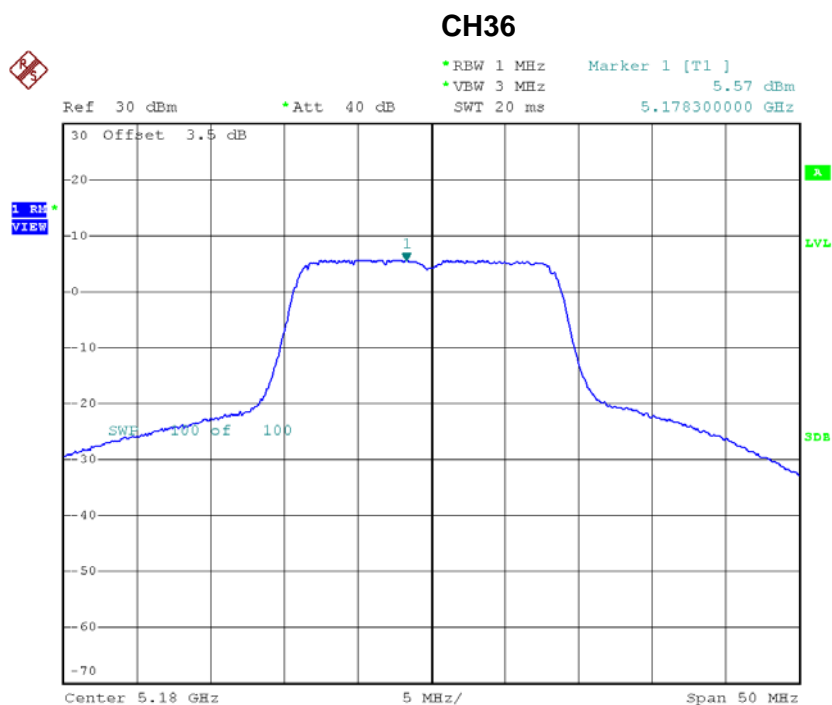Center 5.24 GHz   5 MHz/   Span 50 MHz
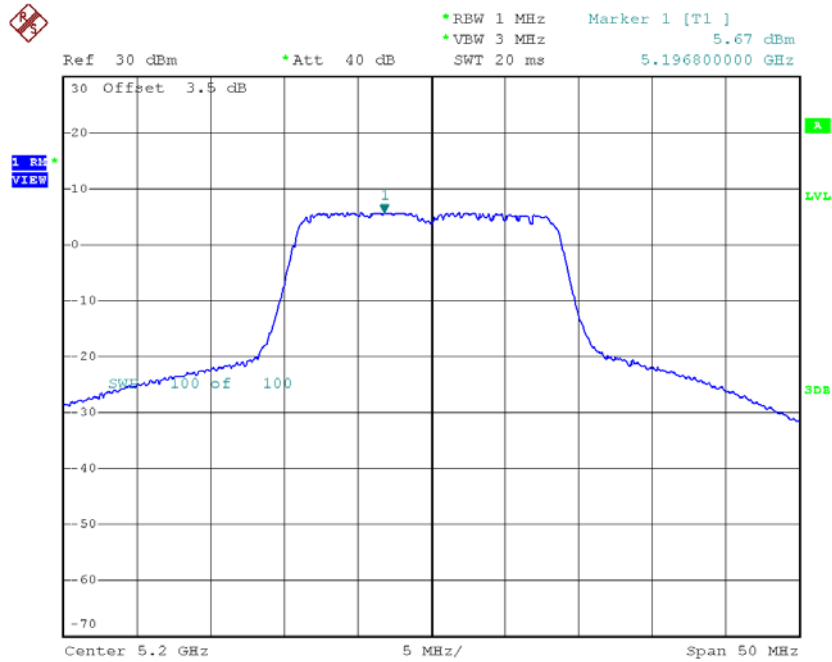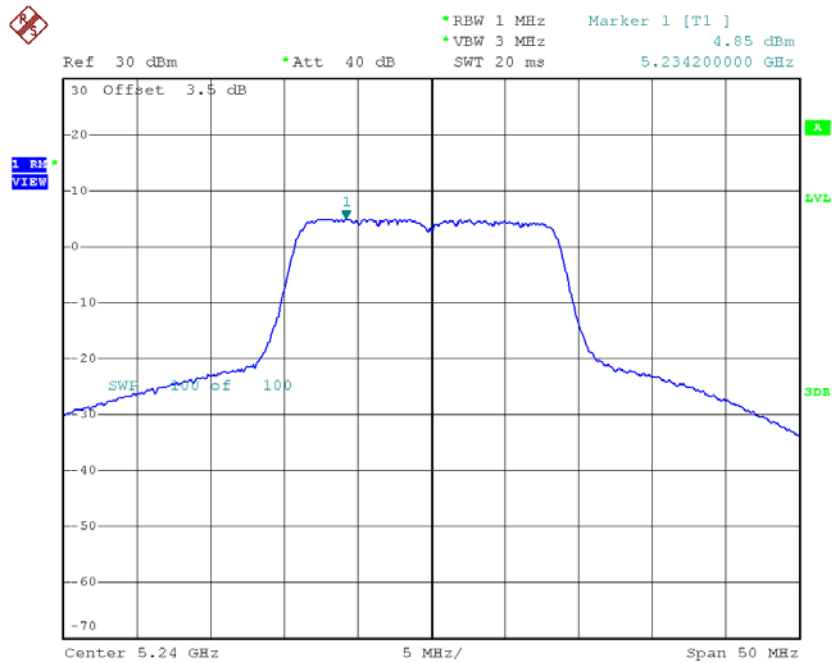
Date: 25.MAR.2017 17:36:39

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.15	0.46	2.61	17.00
CH46	5230	1.38	0.46	1.84	17.00

CH38


```
                                          *RBW  1 MHz     Marker 1 [T1 ]
                                          *VBW  3 MHz                  2.15 dBm
          Ref  30 dBm        *Att  40 dB   SWT 20 ms       5.184400000 GHz
          30 Offset  3.5 dB                                              A
      -20
  1 RM*
  VIEW  -10
                            1
                                   0

      -10
      -20
          SWE   100 of  100
      -30                                                              3DB
      -40
      -50
      -60
      -70
          Center 5.19 GHz            10 MHz/           Span 100 MHz
```
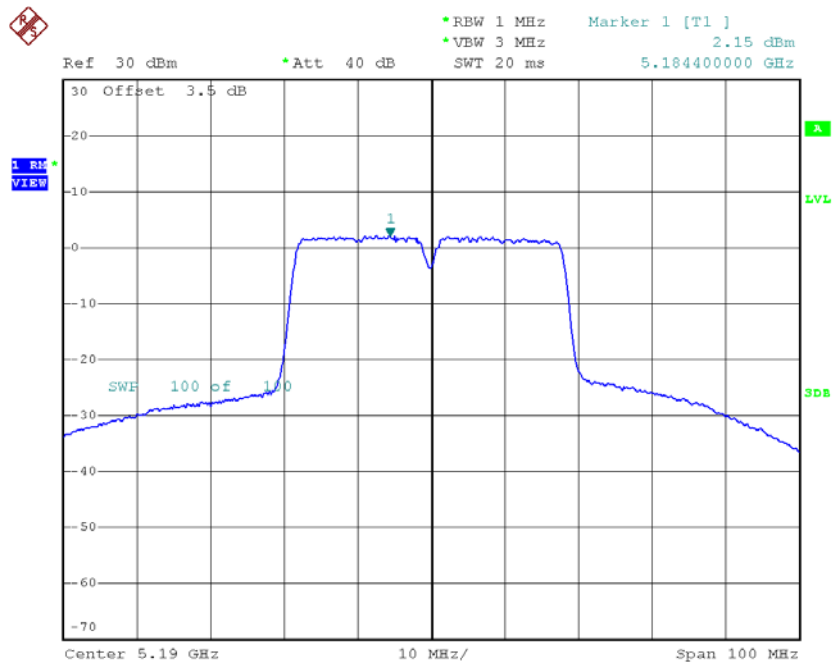
Date: 25.MAR.2017 17:46:57

CH46


```
                                          *RBW  1 MHz     Marker 1 [T1 ]
                                          *VBW  3 MHz                  1.38 dBm
          Ref  30 dBm        *Att  40 dB   SWT 20 ms       5.223600000 GHz
          30 Offset  3.5 dB                                              A
      -20
  1 RM*
  VIEW  -10
                            1
                                   0

      -10
      -20
          SWE   100 of  100
      -30                                                              3DB
      -40
      -50
      -60
      -70
          Center 5.23 GHz            10 MHz/           Span 100 MHz
```
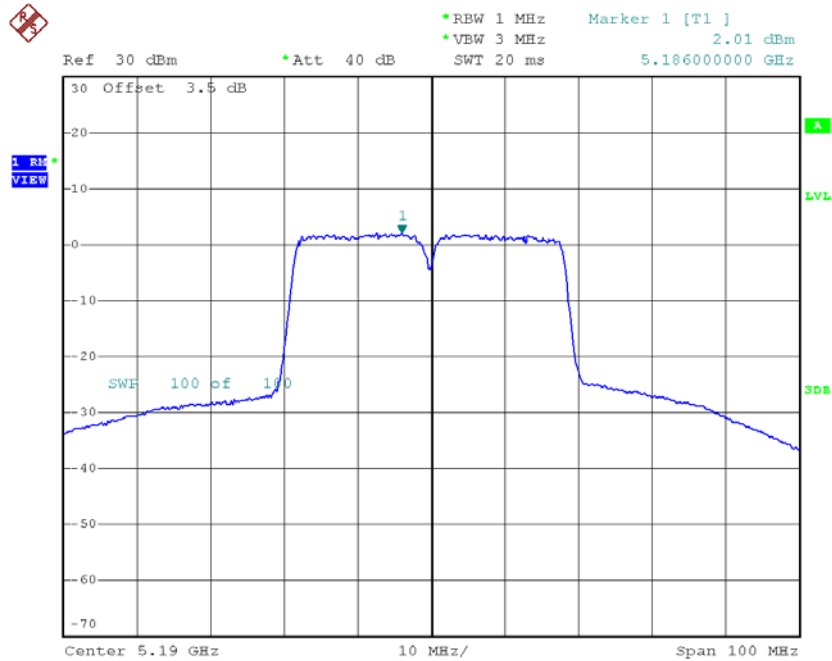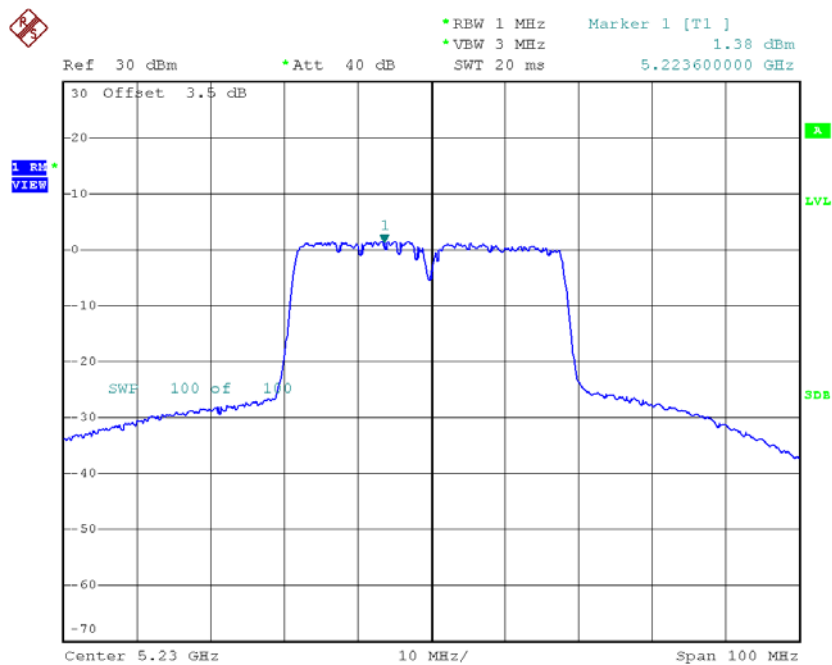
Date: 25.MAR.2017 17:48:33

Test Mode: UNII-1/TX AC80 Mode_CH42

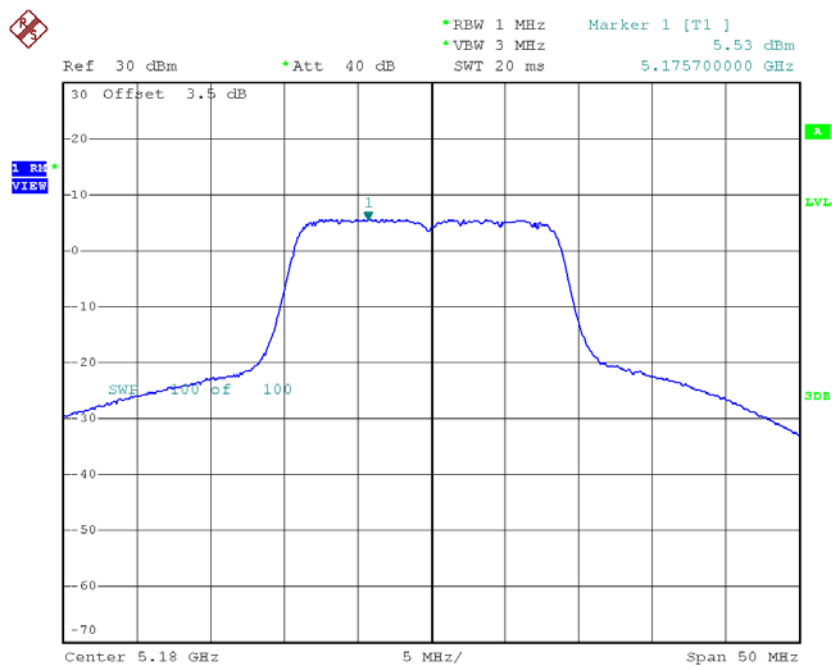| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-1.65	0.91	-0.74	17.00

CH42
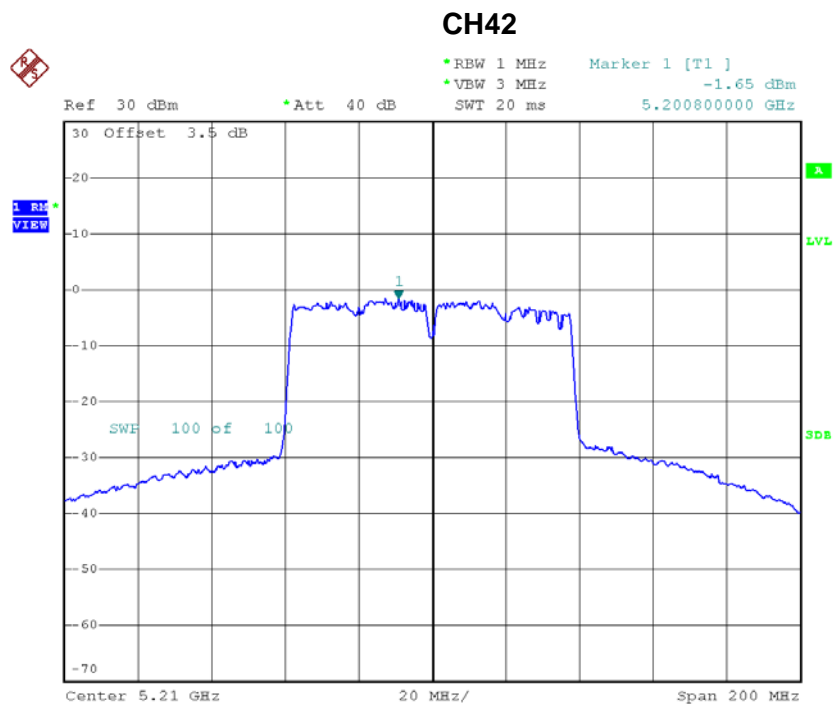
Date: 25.MAR.2017 17:54:31

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	1.94	0.15	2.09	30.00
CH157	5785	2.82	0.15	2.97	30.00
CH165	5825	2.35	0.15	2.50	30.00

TX CH149

Date: 25.MAR.2017 17:05:45

TX CH157


```
                                              *RBW  1 MHz    Marker 1 [T1 ]
                                              *VBW  3 MHz               2.82 dBm
            Ref  30 dBm        *Att  40 dB     SWT 20 ms        5.782200000 GHz

            30 Offset  0.5 dB
          -20
      1 RM
      VIEW
          -10
                                            1
           -0

          -10

          -20
               SWP    100 of  100
          -30

          -40

          -50

          -60

          -70
          Center 5.785 GHz          5 MHz/              Span 50 MHz
```

Date: 25.MAR.2017 17:07:49

TX CH165


```
                                              *RBW  1 MHz    Marker 1 [T1 ]
                                              *VBW  3 MHz               2.35 dBm
            Ref  30 dBm        *Att  40 dB     SWT 20 ms        5.829600000 GHz

            30 Offset  0.5 dB
          -20
      1 RM
      VIEW
          -10
                                            1
           -0

          -10

          -20
               SWP    100 of  100
          -30

          -40

          -50

          -60

          -70
          Center 5.825 GHz          5 MHz/              Span 50 MHz
```
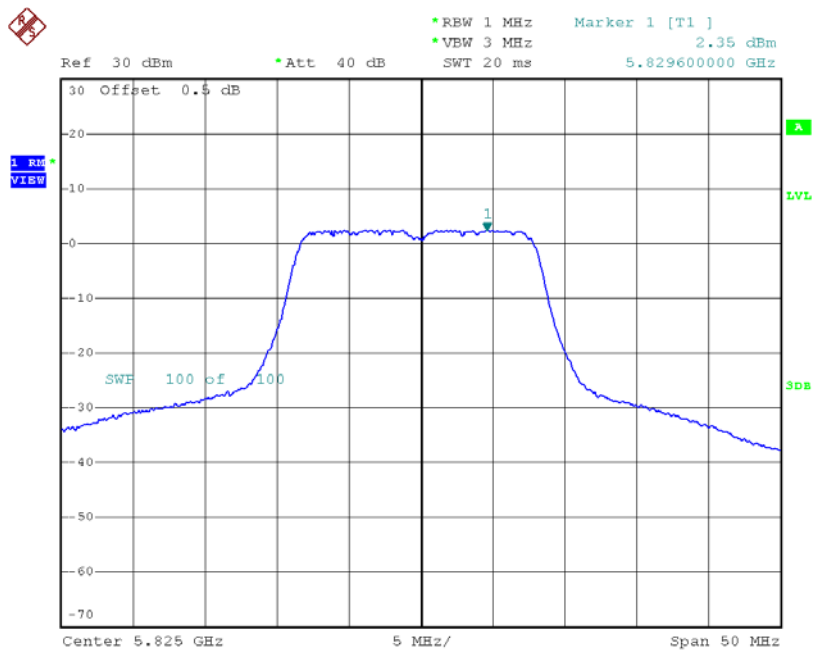
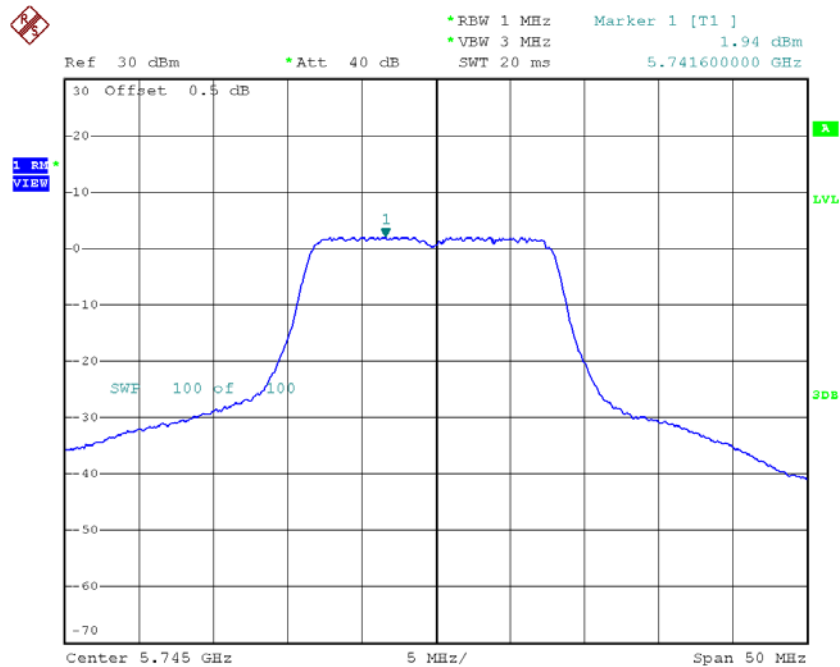Date: 25.MAR.2017 17:08:40

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

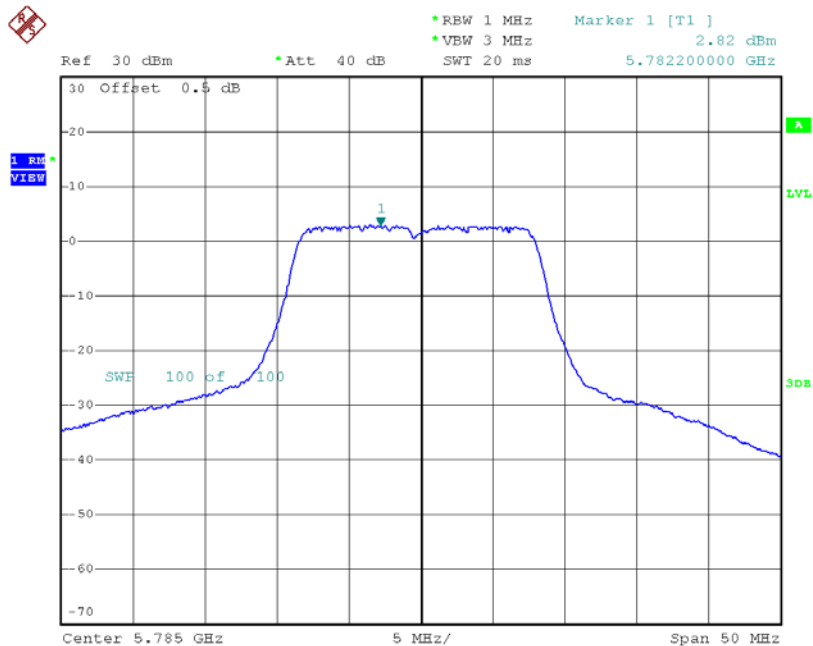| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	2.79	0.16	2.95	30.00
CH157	5785	2.30	0.16	2.46	30.00
CH165	5825	1.72	0.16	1.88	30.00

TX CH149

Date: 25.MAR.2017 17:31:03

TX CH157


```
                                        *RBW  1 MHz    Marker 1 [T1 ]
                                        *VBW  3 MHz               2.30 dBm
        Ref  30 dBm       *Att  40 dB    SWT 20 ms       5.782300000 GHz
        30  Offset  0.5 dB
                                                                        A
    20
1 RM*
VIEW    10                                                          LVL

                                    1

    -10
                                                                    3DB
    -20
        SWE   100 of  100
    -30
    -40

    -50

    -60

    -70
        Center 5.785 GHz           5 MHz/              Span 50 MHz
```

Date: 25.MAR.2017 17:31:56

TX CH165


```
                                        *RBW  1 MHz    Marker 1 [T1 ]
                                        *VBW  3 MHz               1.72 dBm
        Ref  30 dBm       *Att  40 dB    SWT 20 ms       5.819900000 GHz
        30  Offset  0.5 dB
                                                                        A
    20
1 RM*
VIEW    10                                                          LVL

                                    1

    -10
                                                                    3DB
    -20
        SWE   100 of  100
    -30
    -40

    -50

    -60

    -70
        Center 5.825 GHz           5 MHz/              Span 50 MHz
```
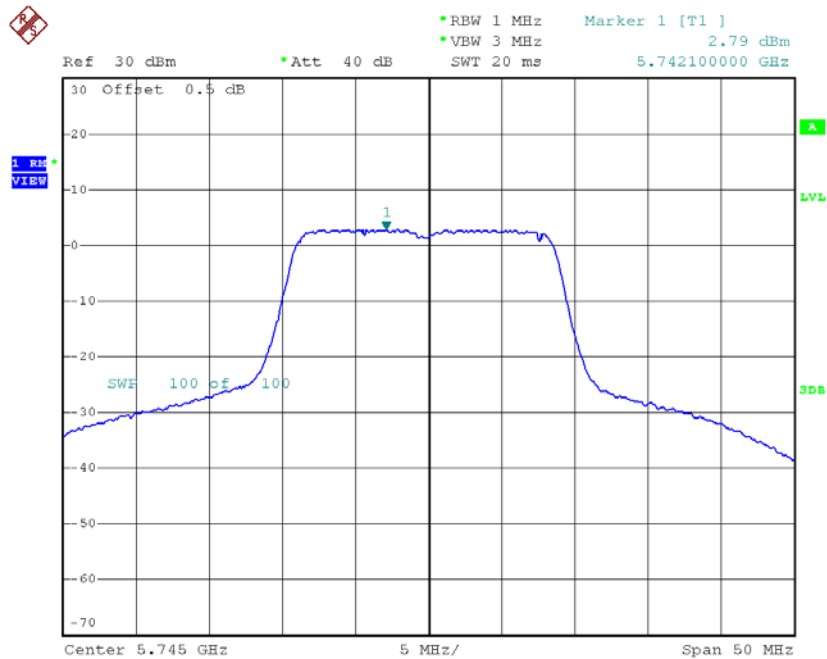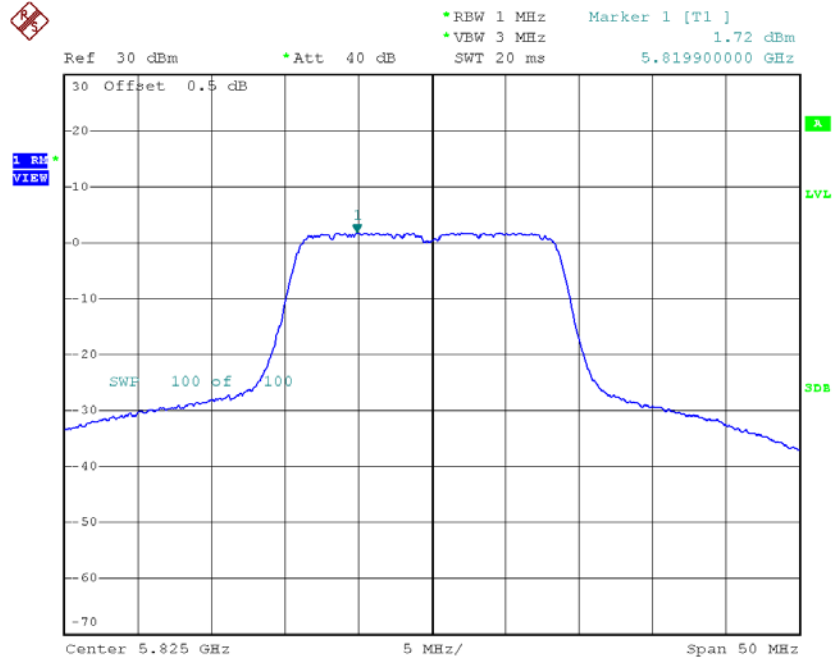
Date: 25.MAR.2017 17:32:45

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

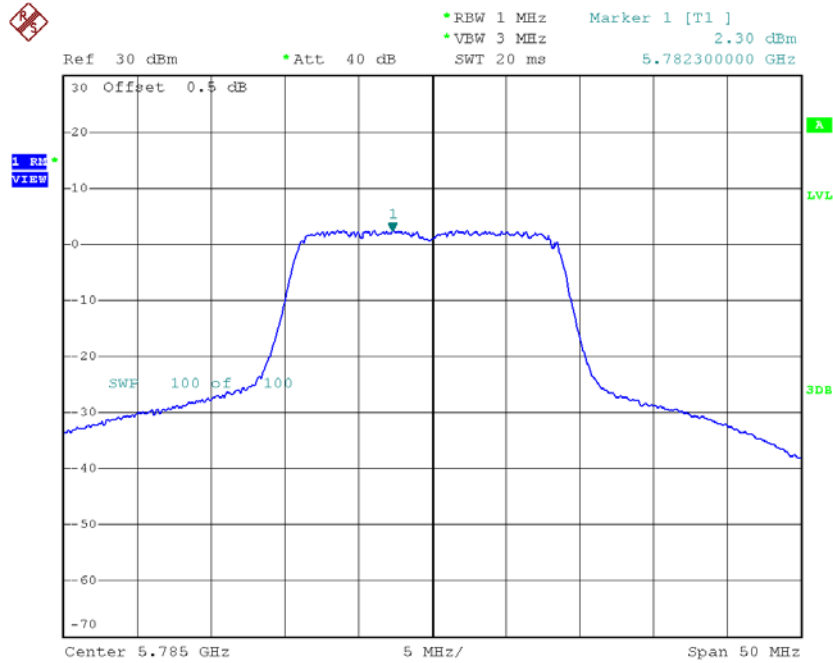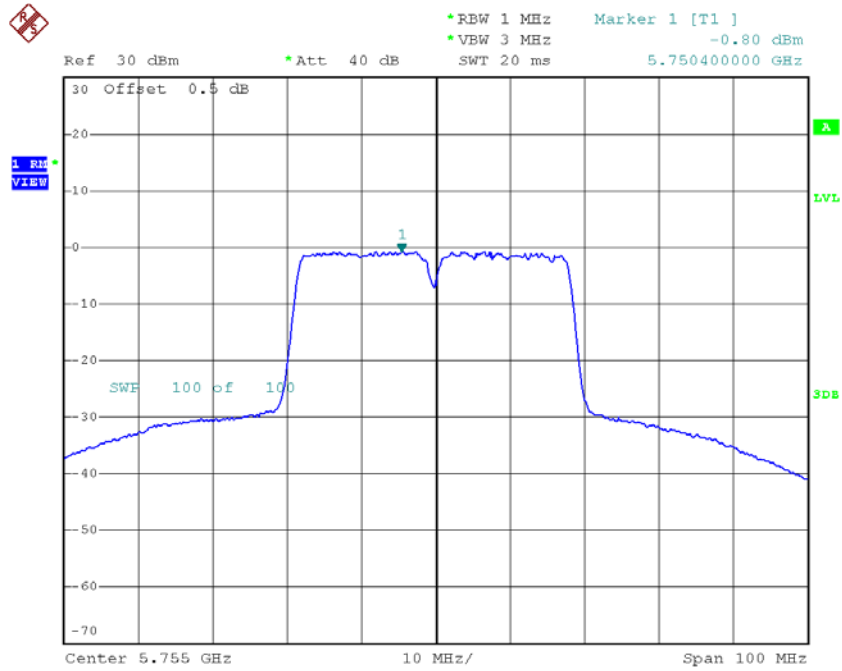| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-0.80	0.53	-0.27	30.00
CH159	5795	-1.13	0.53	-0.60	30.00

TX CH151


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              -0.80 dBm
          Ref  30 dBm      *Att  40 dB    SWT 20 ms      5.750400000 GHz
```

Date: 25.MAR.2017 17:44:11

TX CH159


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              -1.13 dBm
          Ref  30 dBm      *Att  40 dB    SWT 20 ms      5.790000000 GHz
```

Date: 25.MAR.2017 17:45:12
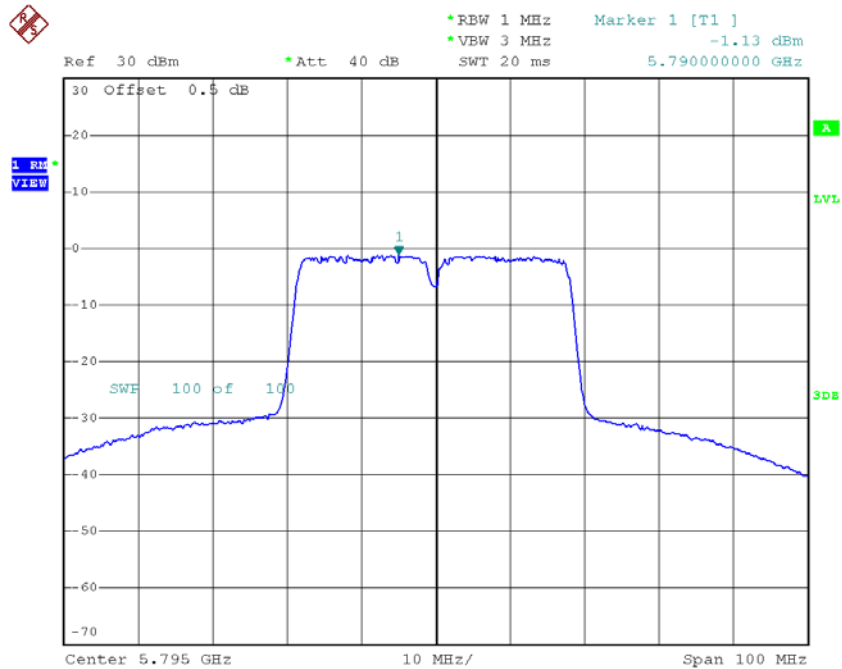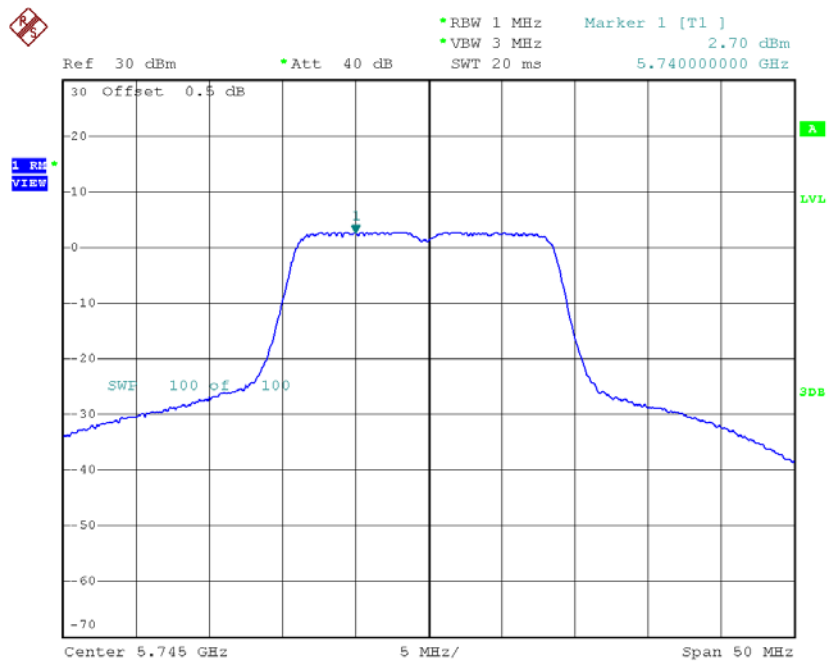
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

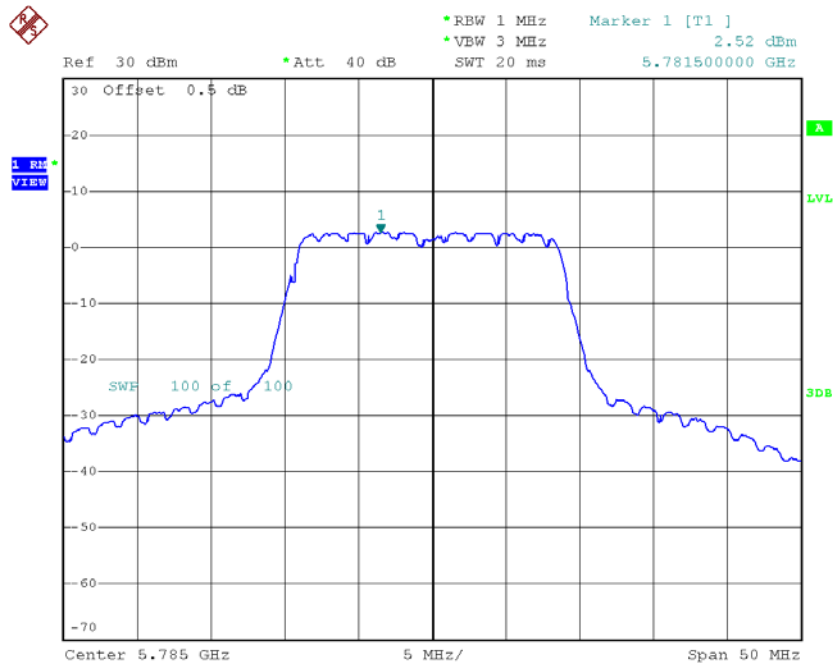| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	2.70	0.16	2.86	30.00
CH157	5785	2.52	0.16	2.68	30.00
CH165	5825	1.81	0.16	1.97	30.00

TX CH149

Date: 25.MAR.2017 17:37:43

TX CH157


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              2.52 dBm
        Ref  30 dBm       *Att  40 dB    SWT 20 ms      5.781500000 GHz
```

Date: 25.MAR.2017 17:38:55

TX CH165


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              1.81 dBm
        Ref  30 dBm       *Att  40 dB    SWT 20 ms      5.827700000 GHz
```
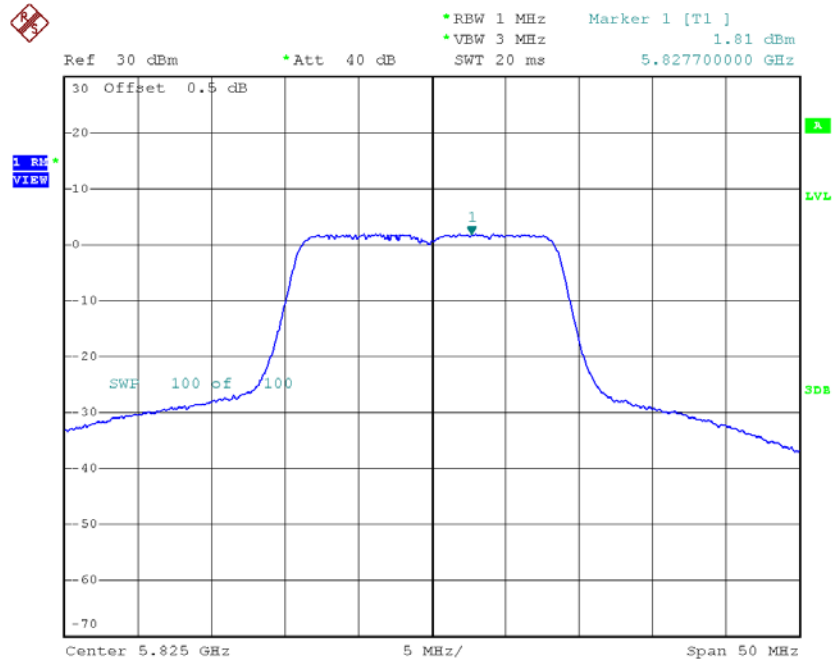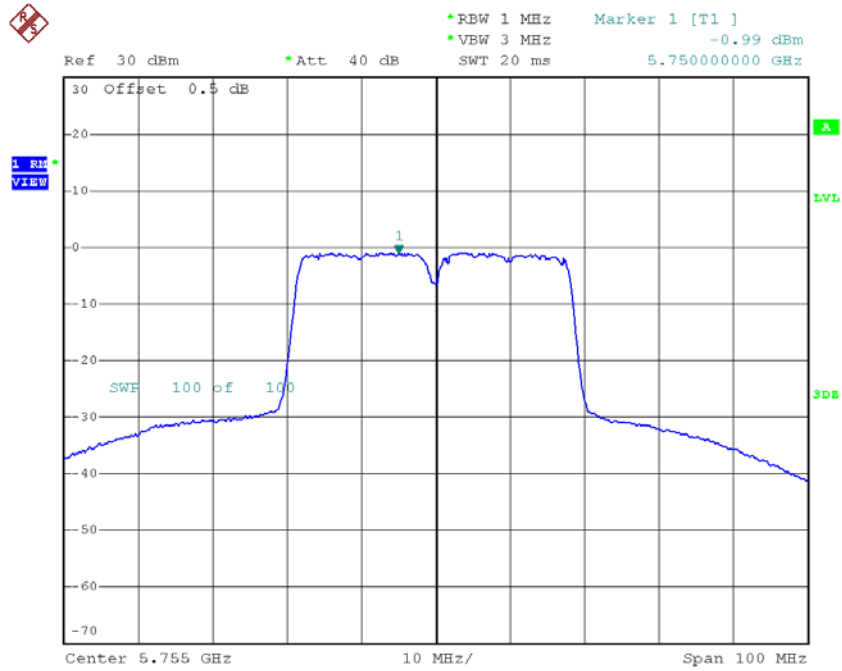
Date: 25.MAR.2017 17:39:51

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

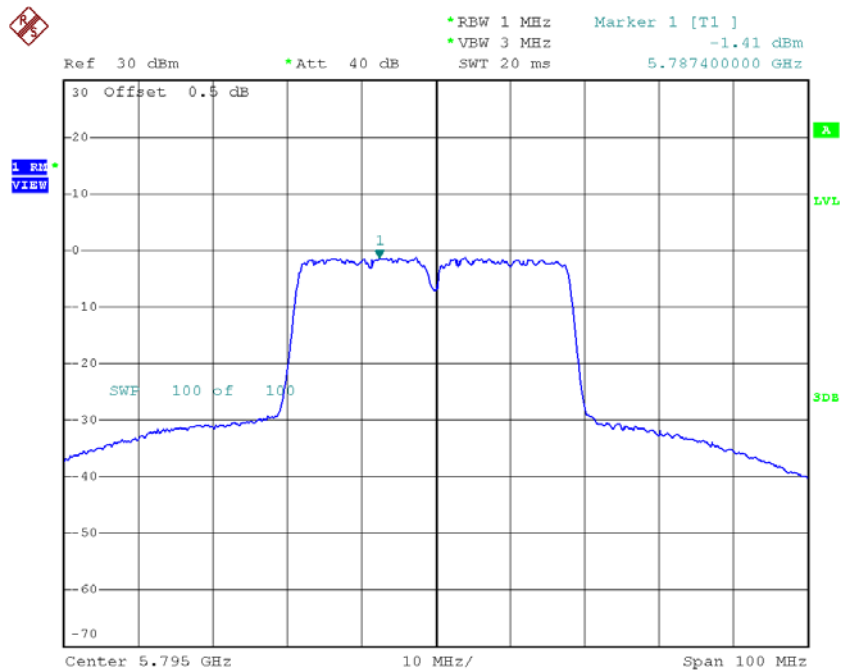| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-0.99	0.46	-0.53	30.00
CH159	5795	-1.41	0.46	-0.95	30.00

TX CH151

```
                                          *RBW  1 MHz    Marker 1 [T1 ]
                                          *VBW  3 MHz              -0.99 dBm
              Ref  30 dBm     *Att  40 dB   SWT 20 ms        5.750000000 GHz
```



```
Center 5.755 GHz              10 MHz/              Span 100 MHz
```

Date: 25.MAR.2017 17:49:39

TX CH159

```
                                          *RBW  1 MHz    Marker 1 [T1 ]
                                          *VBW  3 MHz              -1.41 dBm
              Ref  30 dBm     *Att  40 dB   SWT 20 ms        5.787400000 GHz
```



```
Center 5.795 GHz              10 MHz/              Span 100 MHz
```
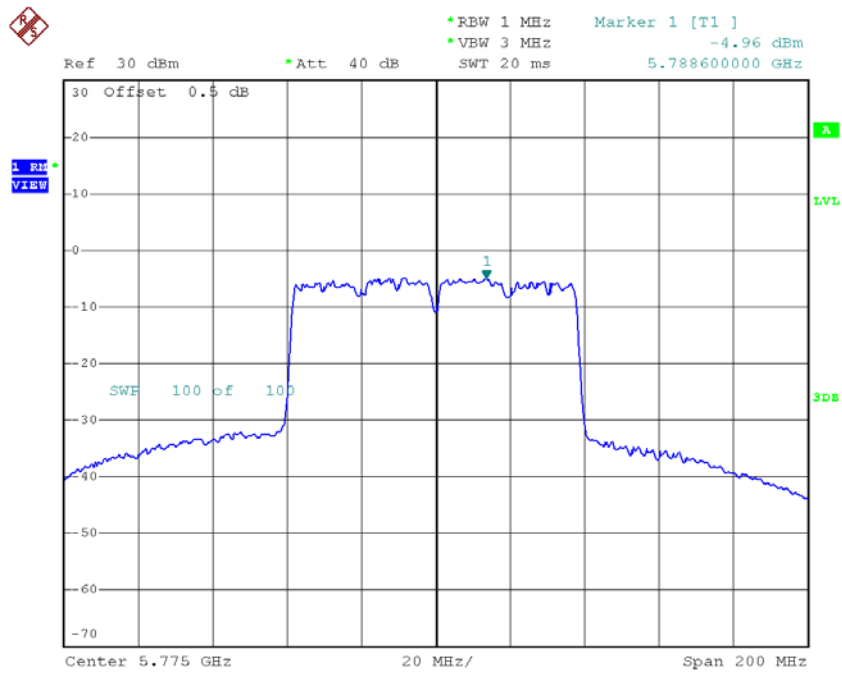
Date: 25.MAR.2017 17:51:14

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-4.96	0.91	-4.05	30.00

TX CH155

Date: 25.MAR.2017 17:55:34

ATTACHMENT H - FREQUENCY STABILITY

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0356
120	5180.0356
108	5180.0356
Max. Deviation (MHz)	0.0356
Max. Deviation (ppm)	6.8726

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5180.0356
5	5180.0356
15	5180.0356
25	5180.0352
35	5180.0356
45	5180.0356
50	5180.0356
Max. Deviation (MHz)	0.0356
Max. Deviation (ppm)	6.8726

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0404
120	5745.0400
108	5745.0396
Max. Deviation (MHz)	0.0404
Max. Deviation (ppm)	7.0322

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5745.0396
5	5745.0392
15	5745.0392
25	5745.0392
35	5745.0392
45	5745.0392
50	5745.0392
Max. Deviation (MHz)	0.0396
Max. Deviation (ppm)	6.8930