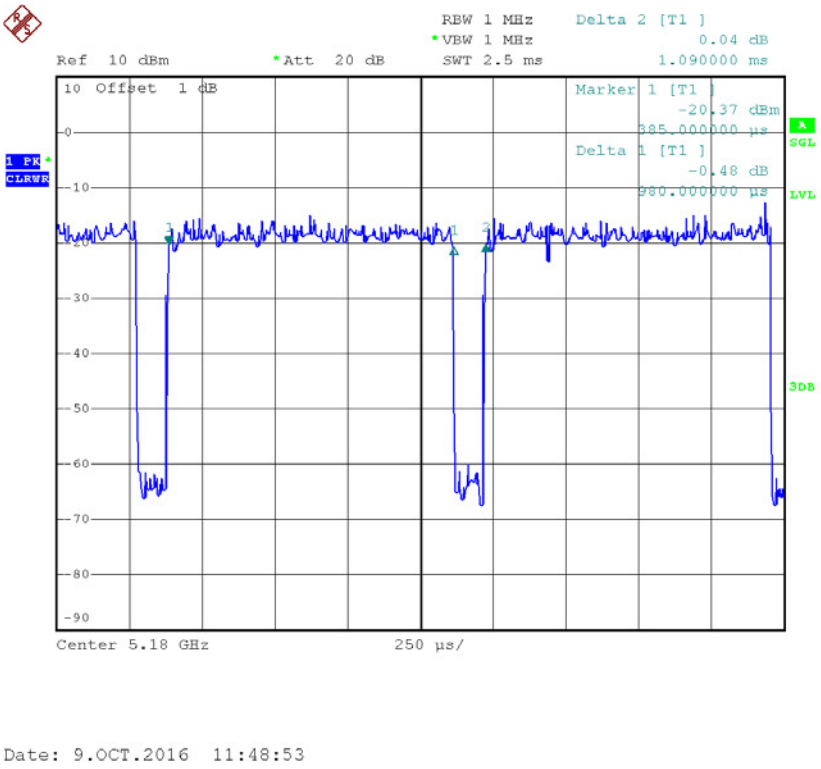
TX N20 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 0.98 msec

T_{Total}: 1.09 msec

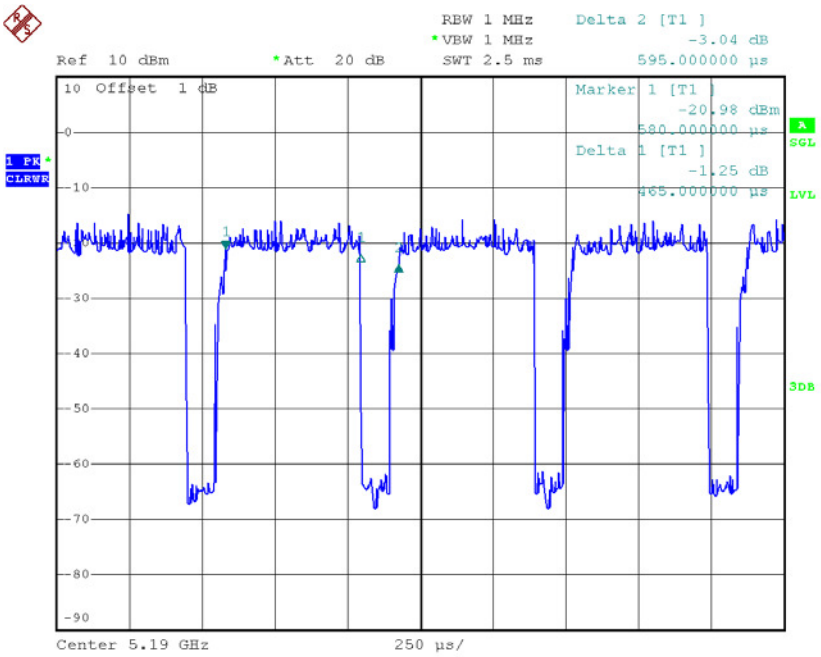
Duty cycle: 89.91%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.46

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE



Date: 9.OCT.2016 11:50:22

Duty cycle: TX DUTYMHz

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

T_{ON}: 0.46 msec

T_{Total}: 0.60 msec

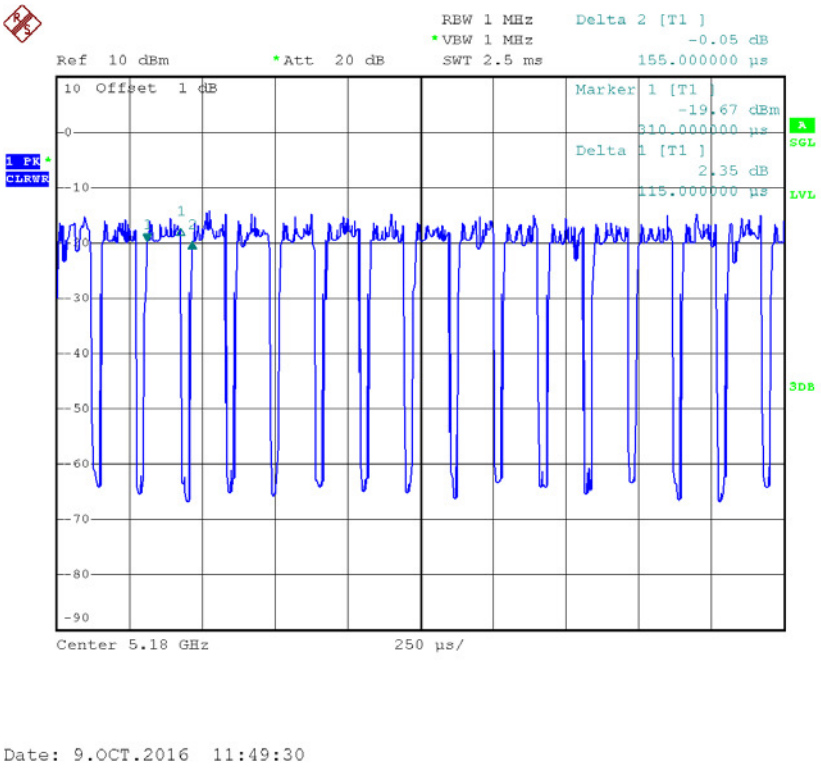
Duty cycle: 76.67%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.15

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC20 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 0.12 msec

T_{Total}: 0.16 msec

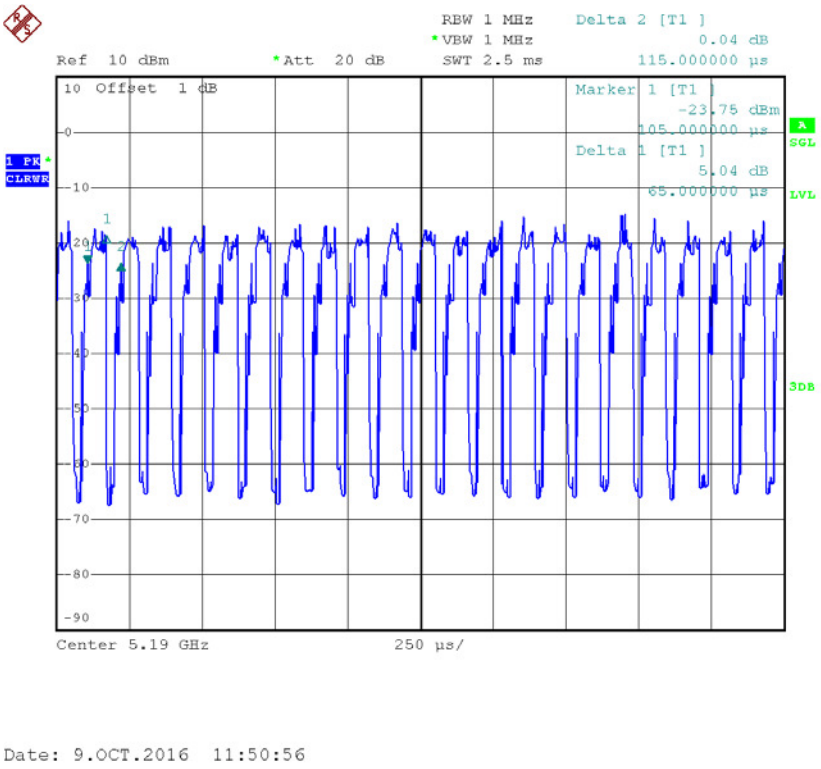
Duty cycle: 75.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.25

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC40 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 0.06 msec

T_{Total}: 0.12 msec

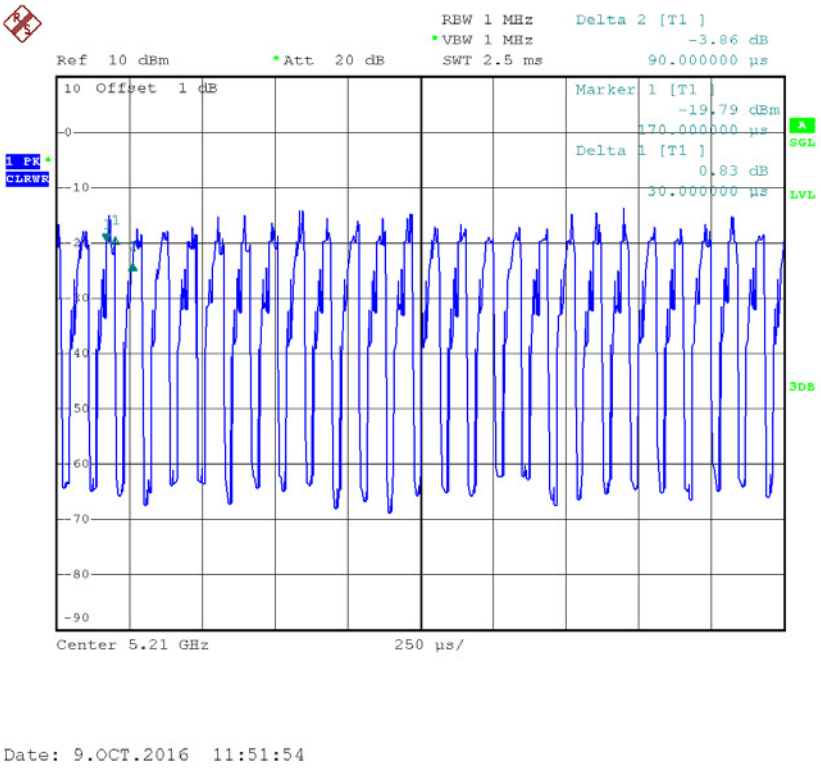
Duty cycle: 50.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 3.01

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC80 Mode_DUTY CYCLE



Date: 9.OCT.2016 11:51:54

Duty cycle: TX DUTYMHz

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

T_{ON}: 0.03 msec

T_{Total}: 0.09 msec

Duty cycle: 33.33%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 4.77

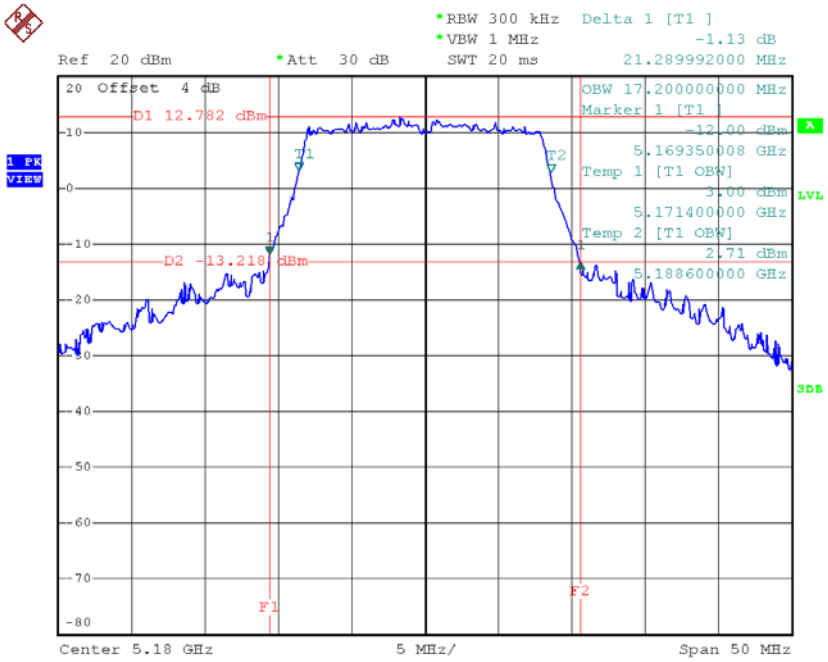
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

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

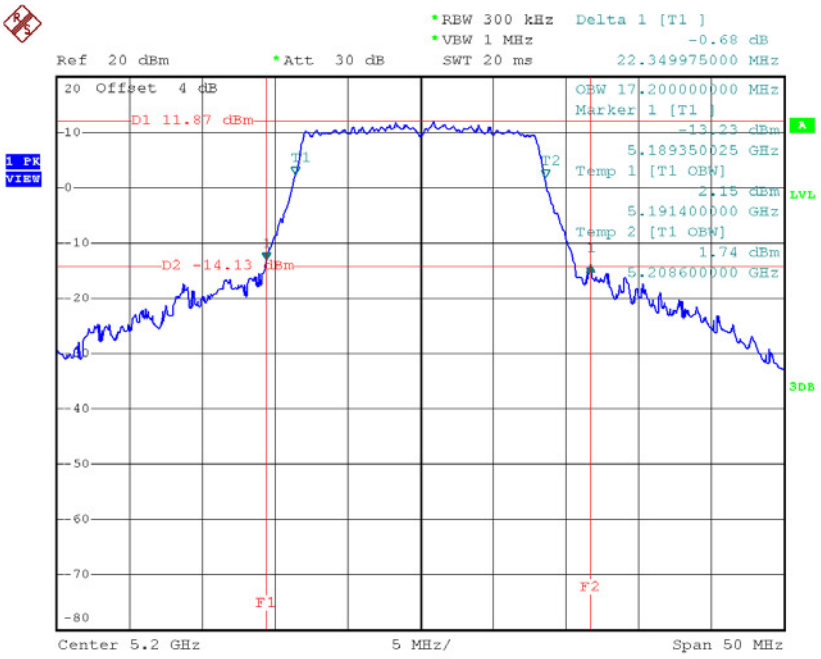
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.29	17.20
CH40	5200	22.35	17.20
CH48	5240	22.65	17.40

TX CH36



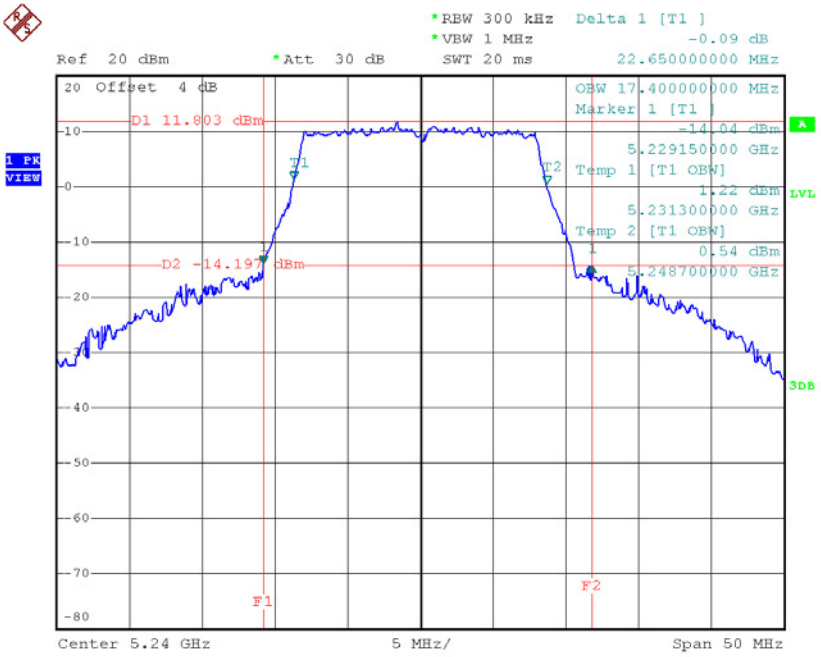
Date: 21.OCT.2016 09:53:55

TX CH40



Date: 21.OCT.2016 09:54:50

TX CH48

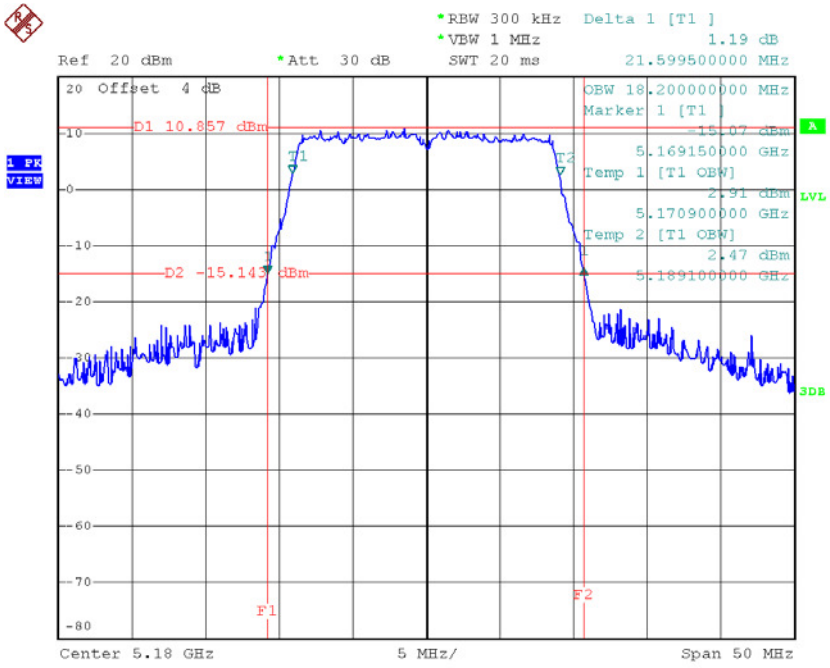


Date: 21.OCT.2016 09:55:40

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

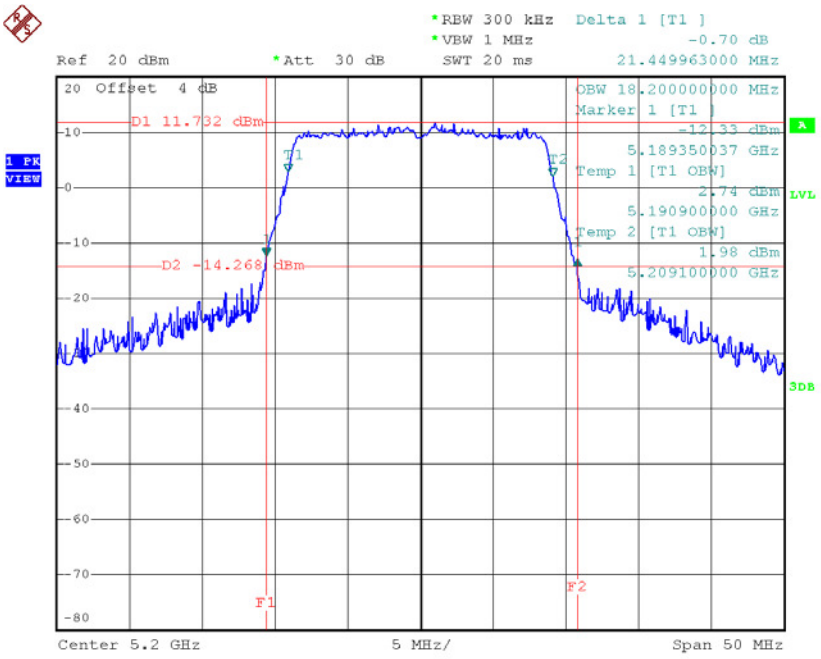
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.60	18.20
CH40	5200	21.45	18.20
CH48	5240	22.25	18.20

TX CH36



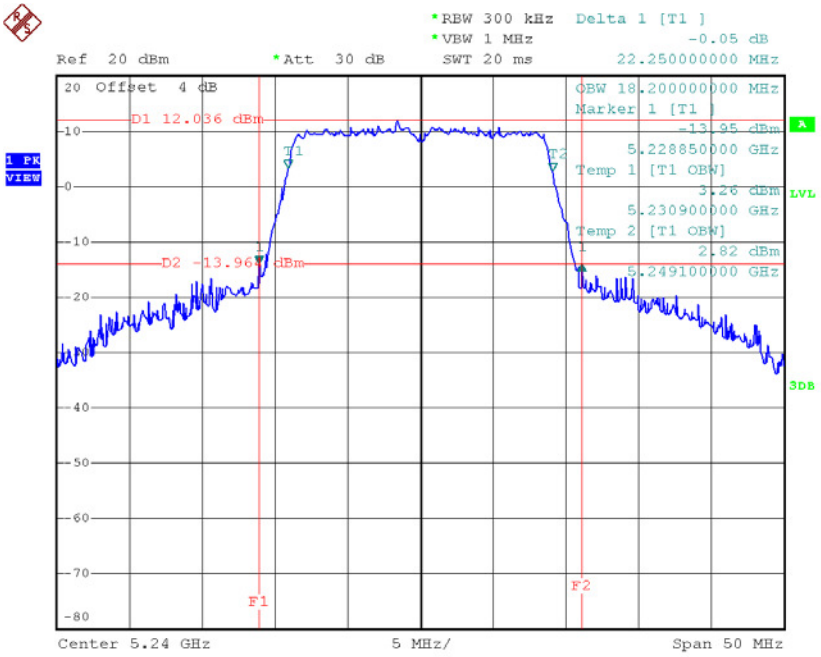
Date: 21.OCT.2016 10:01:37

TX CH40



Date: 21.OCT.2016 10:02:28

TX CH48

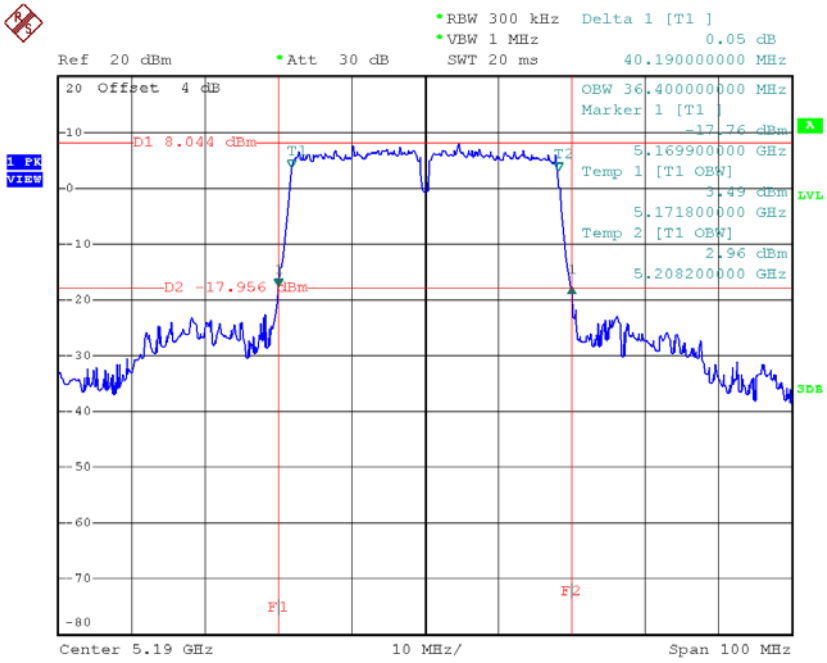


Date: 21.OCT.2016 10:16:55

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

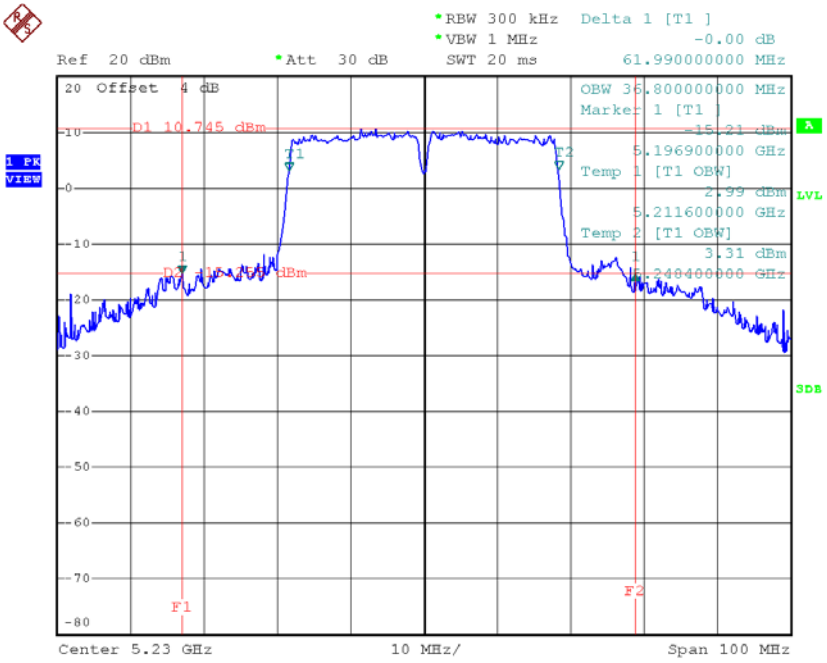
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.19	36.40
CH46	5230	61.99	36.80

TX CH38



Date: 21.OCT.2016 10:27:41

TX CH46

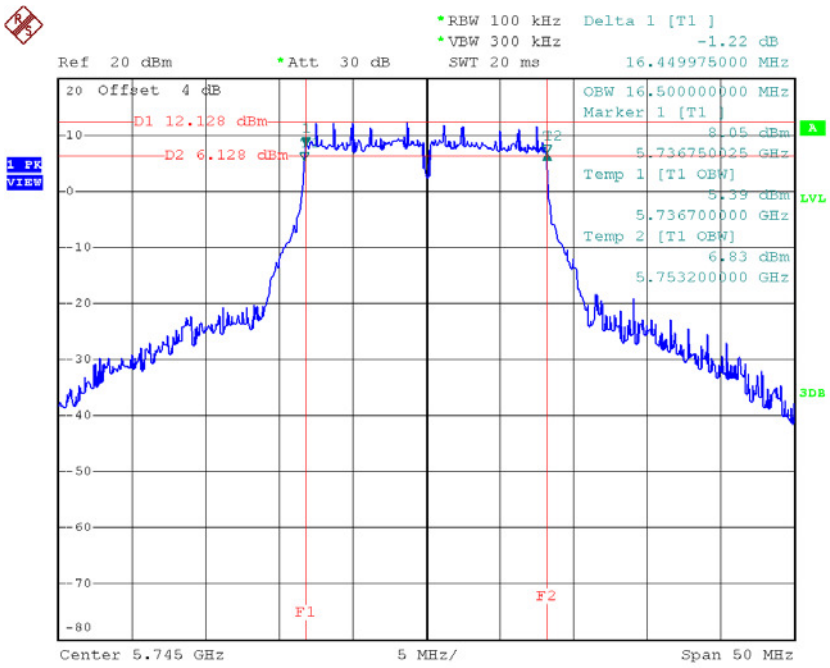


Date: 21.OCT.2016 10:28:43

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

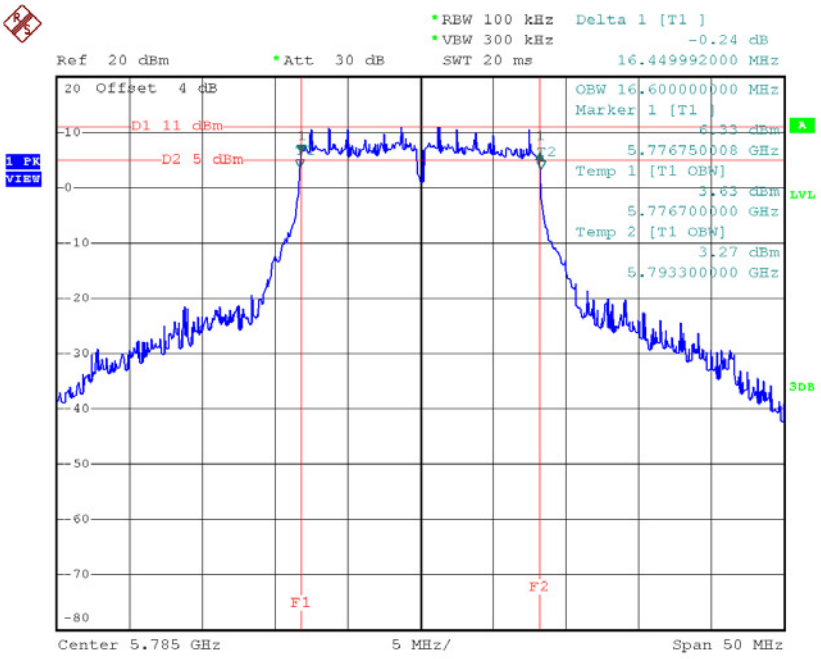
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.45	16.50	>=500
CH157	5785	16.45	16.60	>=500
CH165	5825	16.45	16.70	>=500

TX CH 149



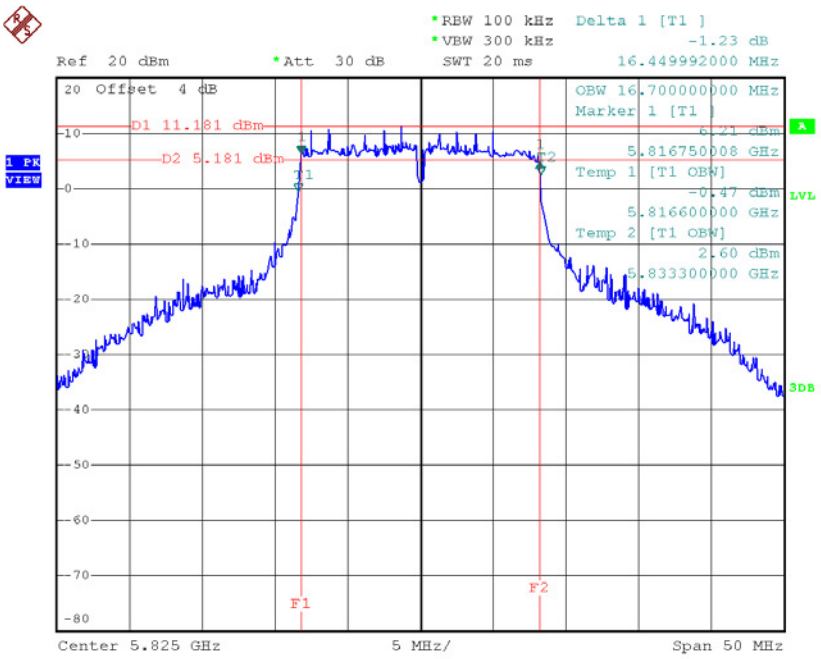
Date: 21.OCT.2016 09:57:08

TX CH 157



Date: 21.OCT.2016 09:57:53

TX CH 165

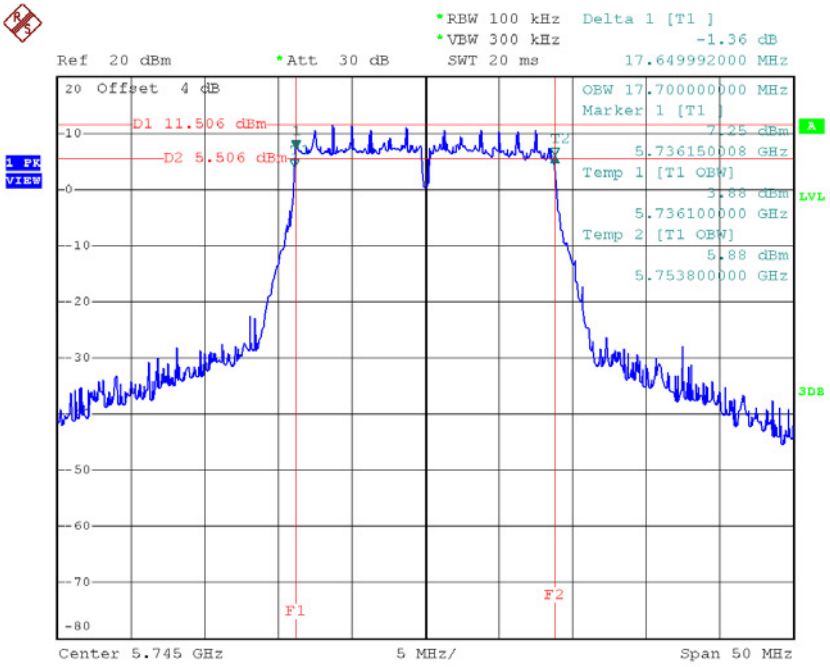


Date: 21.OCT.2016 09:58:50

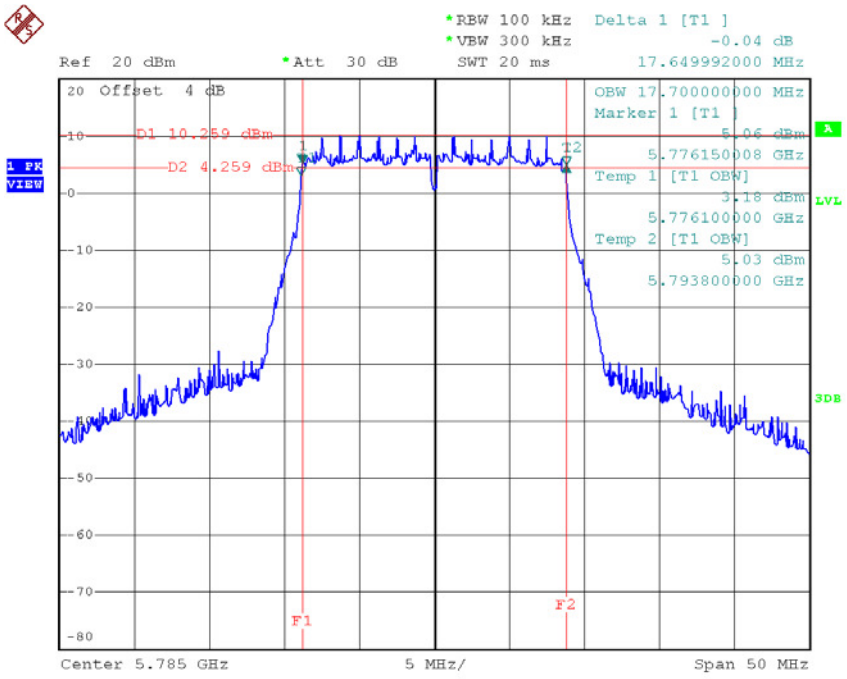
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.70	>=500
CH157	5785	17.65	17.70	>=500
CH165	5825	17.65	17.70	>=500

TX CH 149

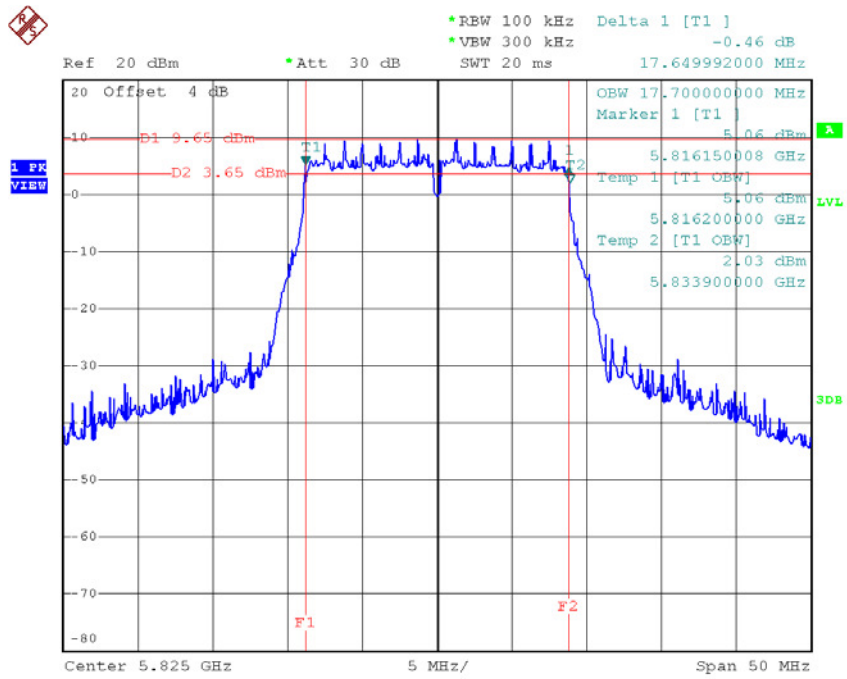


TX CH 157



Date: 21.OCT.2016 10:18:54

TX CH 165

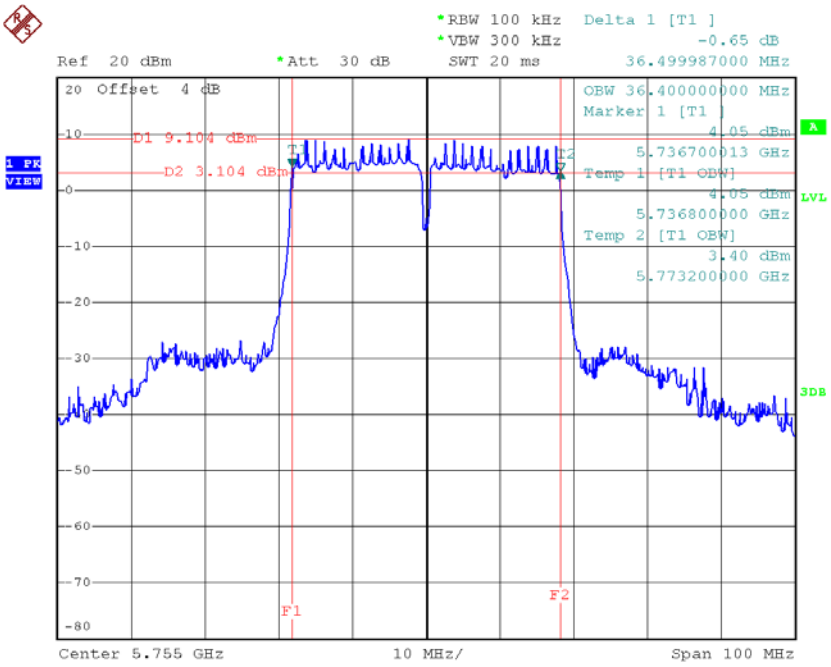


Date: 21.OCT.2016 10:19:48

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

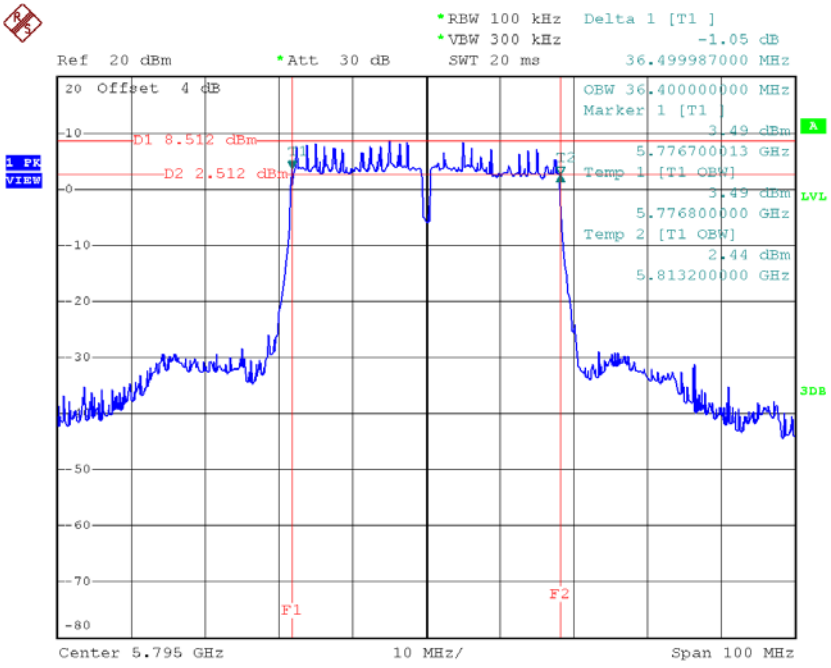
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	>=500
CH159	5795	36.50	36.40	>=500

TX CH 151



Date: 21.OCT.2016 10:29:47

TX CH 159

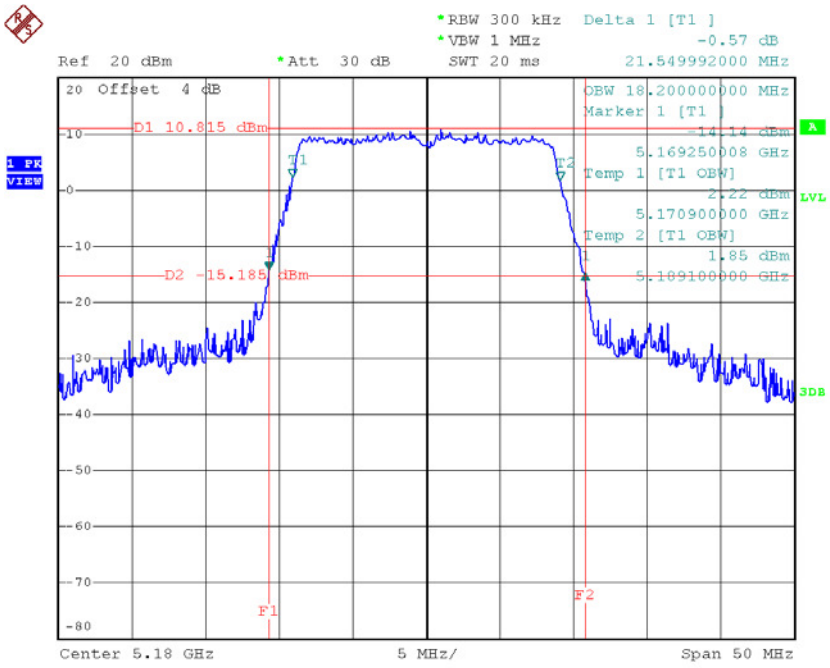


Date: 21.OCT.2016 10:30:44

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

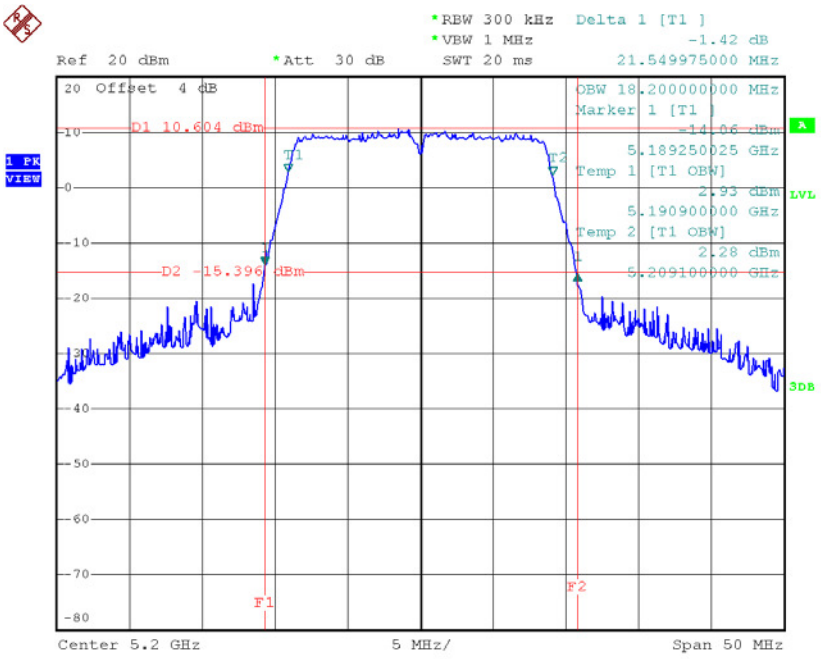
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.55	18.20
CH40	5200	21.55	18.20
CH48	5240	21.60	18.20

TX CH36



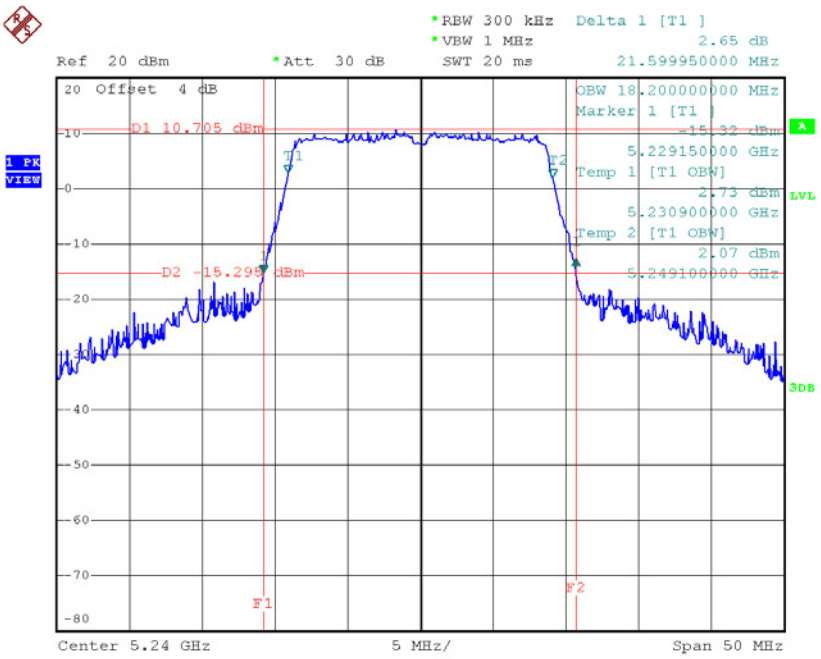
Date: 21.OCT.2016 10:21:07

TX CH40



Date: 21.OCT.2016 10:21:58

TX CH48

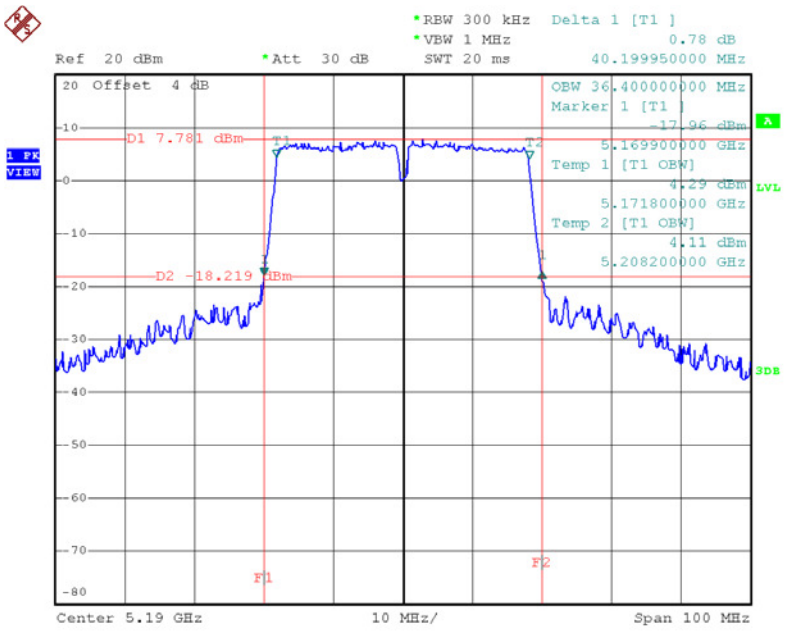


Date: 21.OCT.2016 10:22:48

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

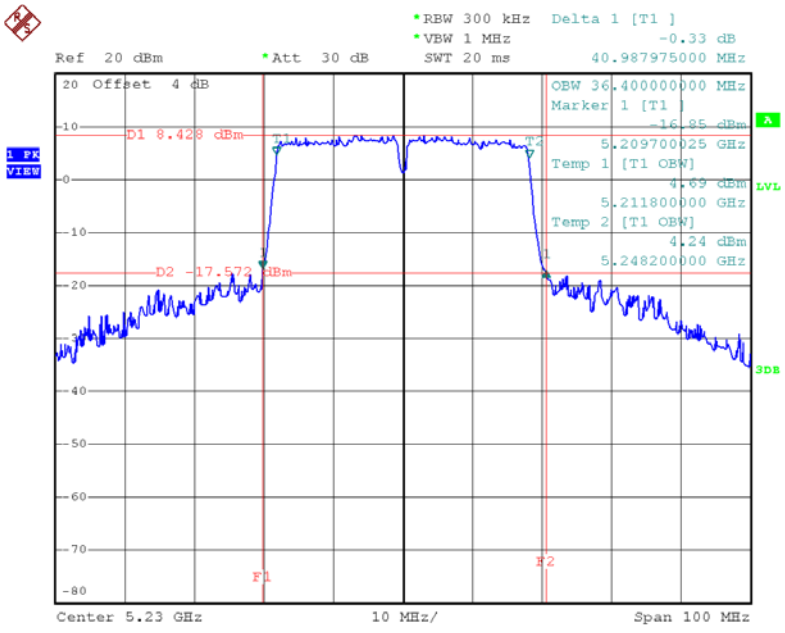
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.20	36.40
CH46	5230	40.99	36.40

TX CH38



Date: 21.OCT.2016 10:32:01

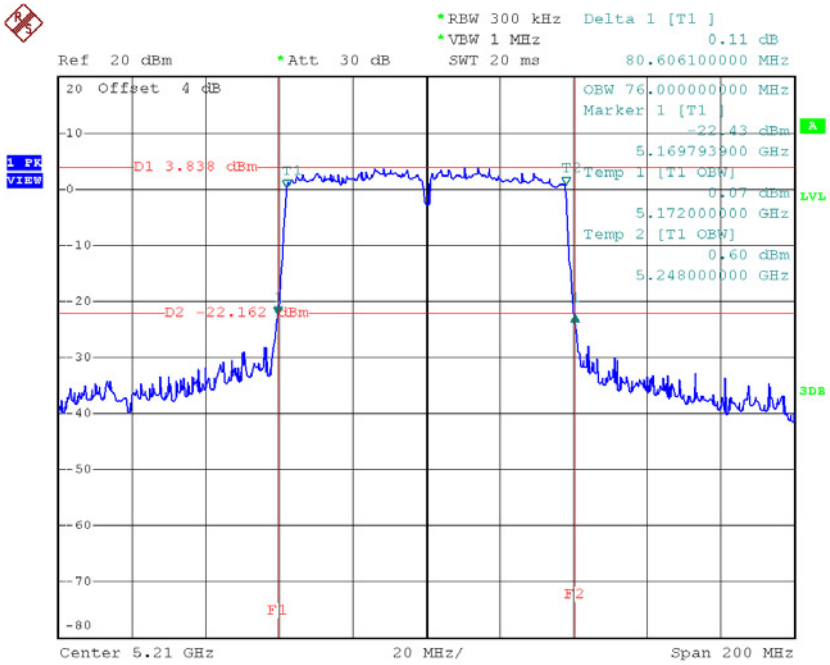
TX CH46



Date: 21.OCT.2016 10:33:25

Test Mode: UNII-1/TX AC80 Mode_CH42			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	80.61	76.00

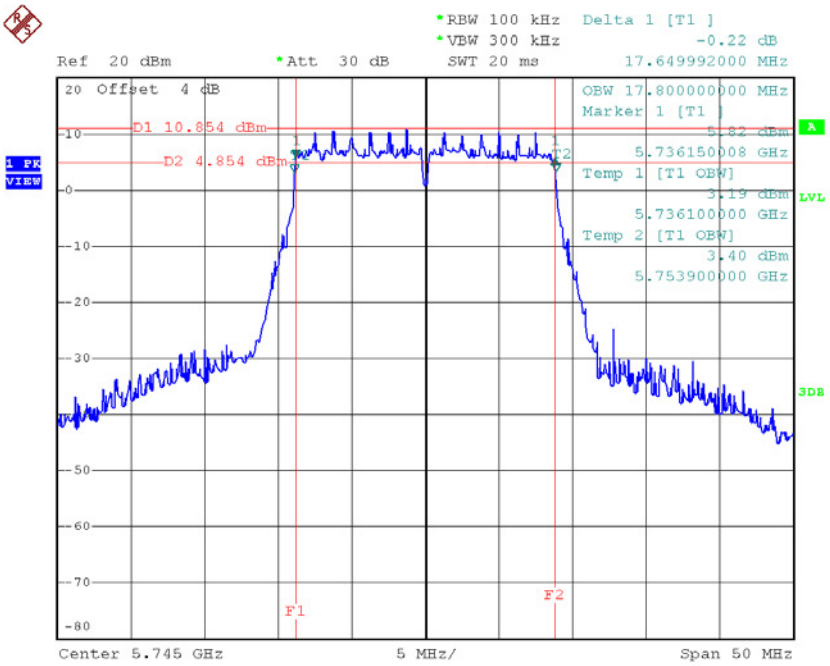
TX CH42



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

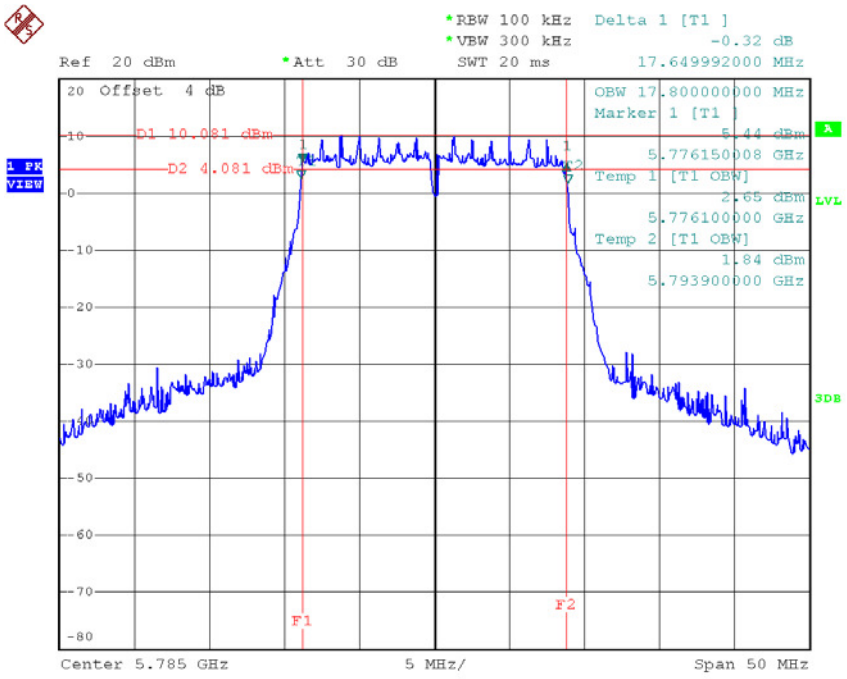
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.80	>=500
CH157	5785	17.65	17.80	>=500
CH165	5825	17.65	17.70	>=500

TX CH 149



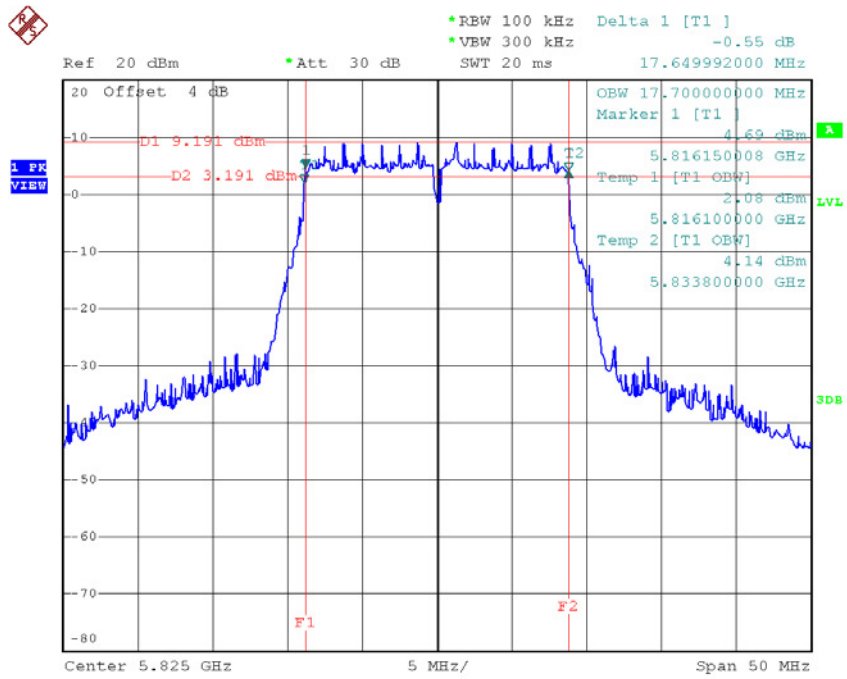
Date: 21.OCT.2016 10:24:06

TX CH 157



Date: 21.OCT.2016 10:25:26

TX CH 165

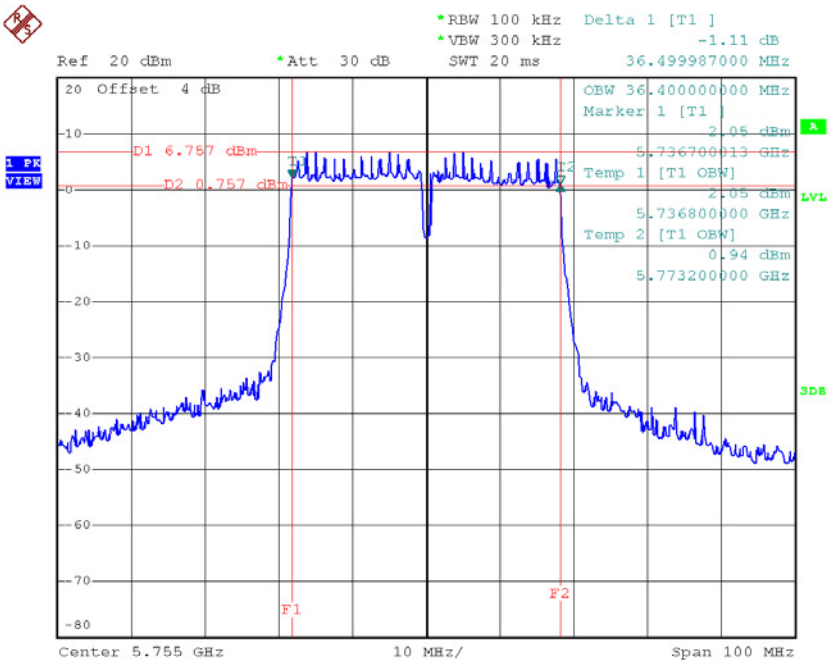


Date: 21.OCT.2016 10:26:20

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

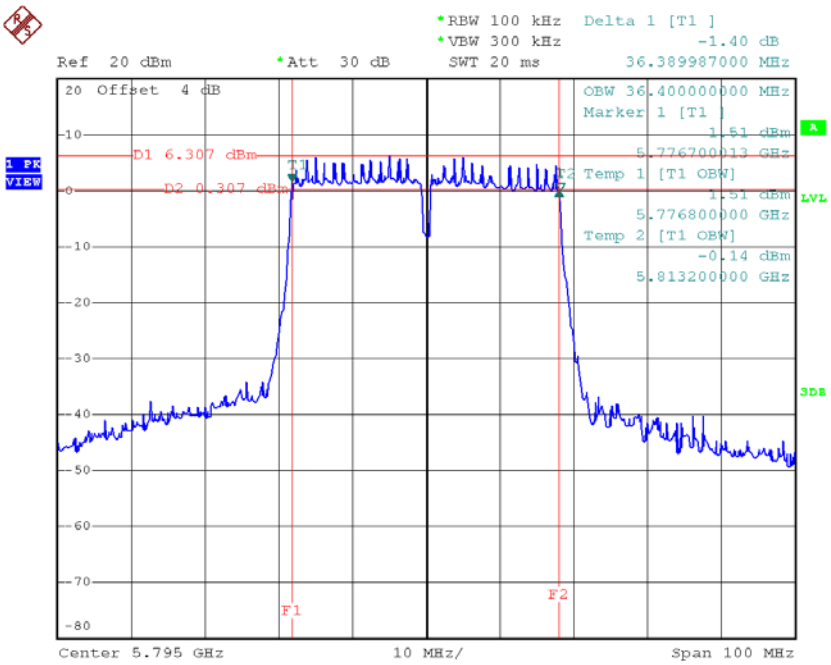
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	>=500
CH159	5795	36.39	36.40	>=500

TX CH 151



Date: 21.OCT.2016 10:34:34

TX CH 159

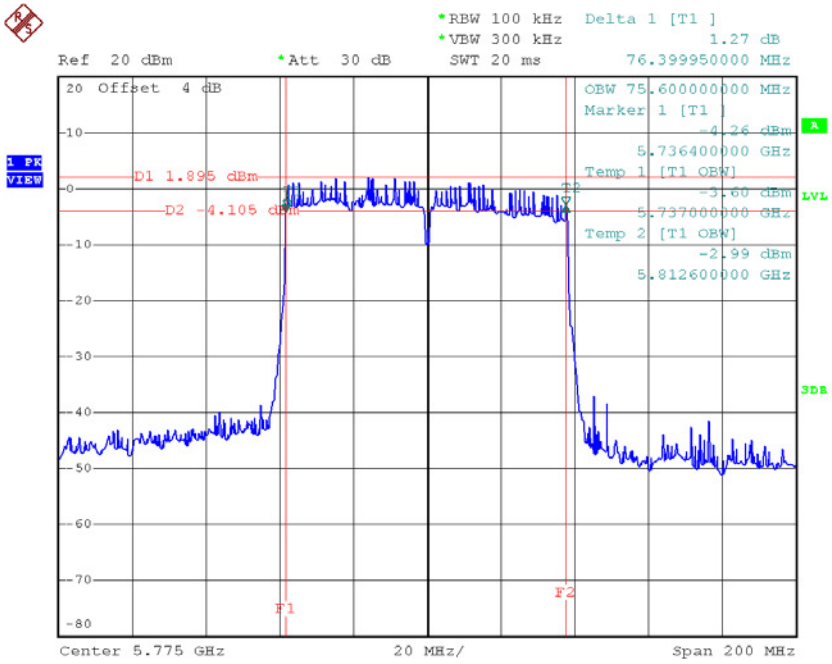


Date: 21.OCT.2016 10:35:33

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.40	75.60	>=500

TX CH 155



Date: 21.OCT.2016 10:37:46

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	22.13	0.25	22.38	30.00	1.00
CH40	5200	21.52	0.25	21.77	30.00	1.00
CH48	5240	21.47	0.25	21.72	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.86	0.46	17.32	30.00	1.00
CH40	5200	17.56	0.46	18.02	30.00	1.00
CH48	5240	17.96	0.46	18.42	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	19.57	0.46	20.03	30.00	1.00
CH40	5200	20.23	0.46	20.69	30.00	1.00
CH48	5240	20.68	0.46	21.14	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	19.43	0.46	19.89	30.00	1.00
CH40	5200	20.16	0.46	20.62	30.00	1.00
CH48	5240	19.67	0.46	20.13	30.00	1.00

Test Mode: UNII-1/TX N20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.02	30.00	1.00
CH40	5200	24.71	30.00	1.00
CH48	5240	24.81	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	16.31	1.15	17.46	30.00	1.00
CH46	5230	20.22	1.15	21.37	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	19.23	1.15	20.38	30.00	1.00
CH46	5230	23.32	1.15	24.47	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	19.05	1.15	20.20	30.00	1.00
CH46	5230	22.28	1.15	23.43	30.00	1.00

Test Mode: UNII-1/TX N40 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	24.31	30.00	1.00
CH46	5230	28.04	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	25.81	0.25	26.06	30.00	1.00
CH157	5785	25.84	0.25	26.09	30.00	1.00
CH165	5825	27.16	0.25	27.41	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	21.57	0.46	22.03	30.00	1.00
CH157	5785	20.92	0.46	21.38	30.00	1.00
CH165	5825	20.71	0.46	21.17	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	23.46	0.46	23.92	30.00	1.00
CH157	5785	23.27	0.46	23.73	30.00	1.00
CH165	5825	23.34	0.46	23.80	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	21.36	0.46	21.82	30.00	1.00
CH157	5785	22.13	0.46	22.59	30.00	1.00
CH165	5825	22.17	0.46	22.63	30.00	1.00

Test Mode: UNII-3/TX N20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.47	30.00	1.00
CH157	5785	27.44	30.00	1.00
CH165	5825	27.44	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	20.12	1.15	21.27	30.00	1.00
CH159	5795	19.95	1.15	21.10	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	23.59	1.15	24.74	30.00	1.00
CH159	5795	23.65	1.15	24.80	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	23.56	1.15	24.71	30.00	1.00
CH159	5795	23.79	1.15	24.94	30.00	1.00

Test Mode: UNII-3/TX N40 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	28.62	30.00	1.00
CH159	5795	28.71	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 10

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.78	1.25	18.03	30.00	1.00
CH40	5200	17.03	1.25	18.28	30.00	1.00
CH48	5240	17.59	1.25	18.84	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 20

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	19.73	1.25	20.98	30.00	1.00
CH40	5200	20.06	1.25	21.31	30.00	1.00
CH48	5240	20.35	1.25	21.60	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 30

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	19.46	1.25	20.71	30.00	1.00
CH40	5200	19.64	1.25	20.89	30.00	1.00
CH48	5240	19.33	1.25	20.58	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.87	30.00	1.00
CH40	5200	25.12	30.00	1.00
CH48	5240	25.26	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	17.05	3.01	20.06	30.00	1.00
CH46	5230	18.65	3.01	21.66	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	19.91	3.01	22.92	30.00	1.00
CH46	5230	20.05	3.01	23.06	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	19.83	3.01	22.84	30.00	1.00
CH46	5230	20.88	3.01	23.89	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	26.90	30.00	1.00
CH46	5230	27.74	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	16.34	4.77	21.11	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	19.36	4.77	24.13	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	18.65	4.77	23.42	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	27.84	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	19.91	1.25	21.16	30.00	1.00
CH157	5785	19.72	1.25	20.97	30.00	1.00
CH165	5825	19.37	1.25	20.62	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	23.48	1.25	24.73	30.00	1.00
CH157	5785	23.34	1.25	24.59	30.00	1.00
CH165	5825	23.37	1.25	24.62	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	23.67	1.25	24.92	30.00	1.00
CH157	5785	23.47	1.25	24.72	30.00	1.00
CH165	5825	23.56	1.25	24.81	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	28.68	30.00	1.00
CH157	5785	28.51	30.00	1.00
CH165	5825	28.50	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	18.37	3.01	21.38	30.00	1.00
CH159	5795	17.98	3.01	20.99	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	21.84	3.01	24.85	30.00	1.00
CH159	5795	21.63	3.01	24.64	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	21.92	3.01	24.93	30.00	1.00
CH159	5795	22.09	3.01	25.10	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	28.77	30.00	1.00
CH159	5795	28.69	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 10						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	15.89	4.77	20.66	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 20						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	19.32	4.77	24.09	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 30						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	19.77	4.77	24.54	30.00	1.00

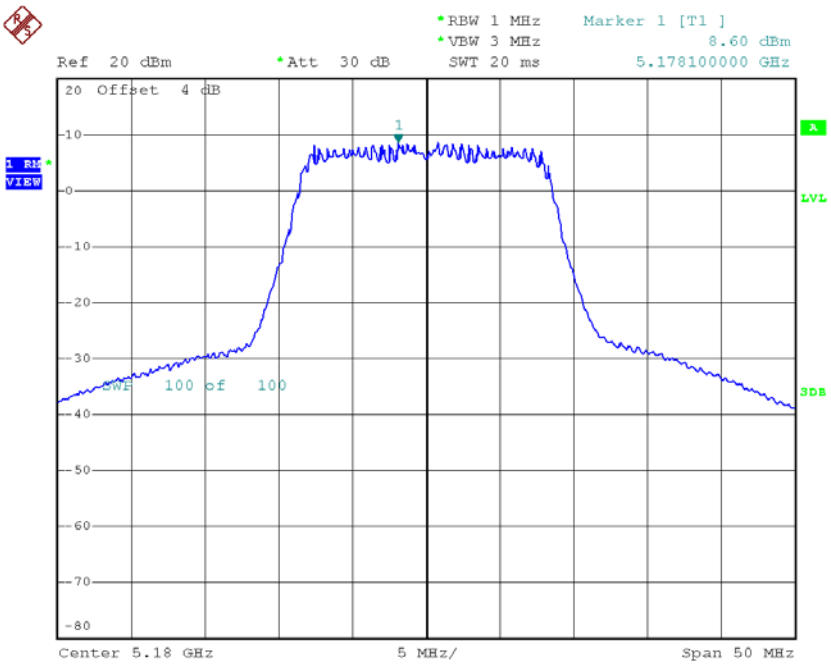
Test Mode: UNII-3/TX AC80 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	28.18	30.00	1.00

ATTACHMENT H - POWER SPECTRAL DENSITY

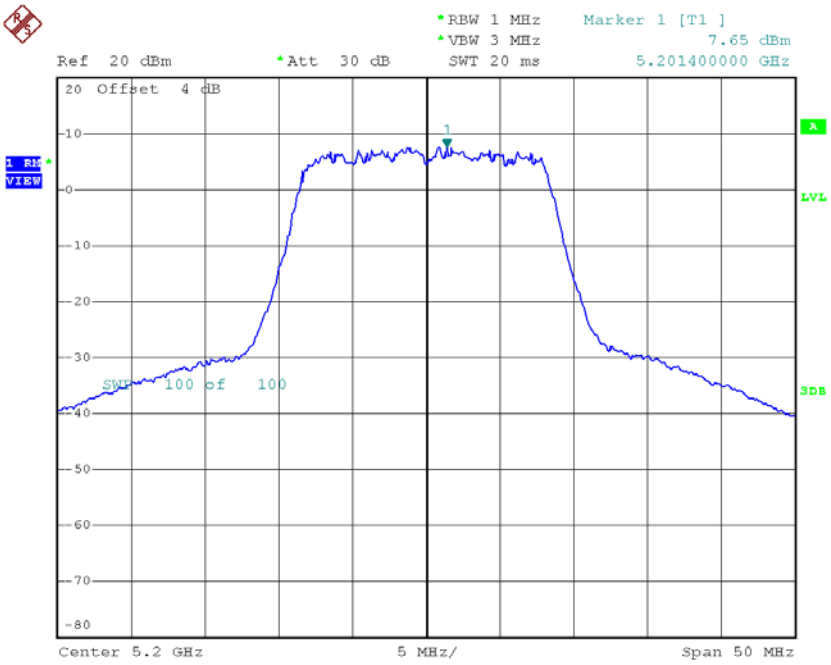
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	8.60	0.25	8.85	17.00
CH40	5200	7.65	0.25	7.90	17.00
CH48	5240	8.10	0.25	8.35	17.00

CH36

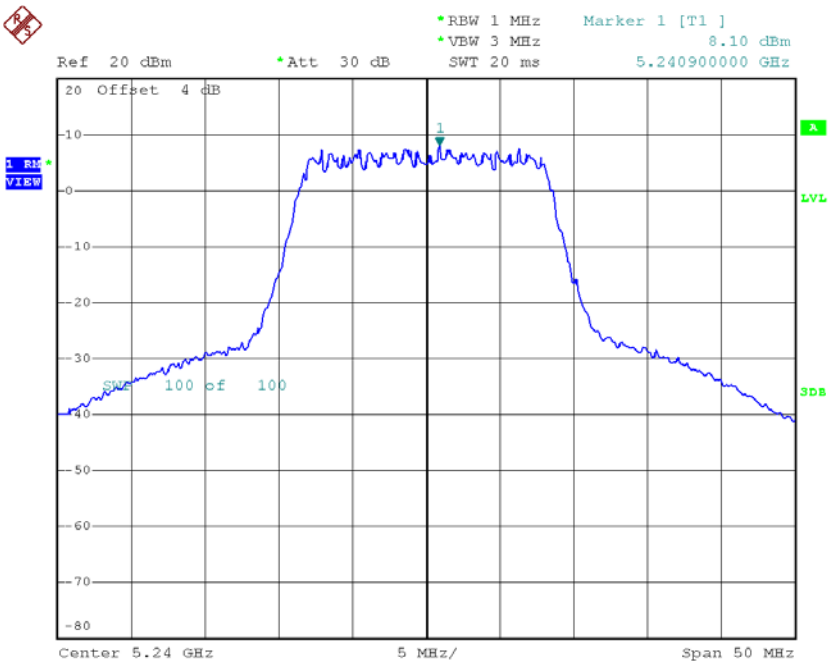


CH40



Date: 21.OCT.2016 09:55:00

CH48

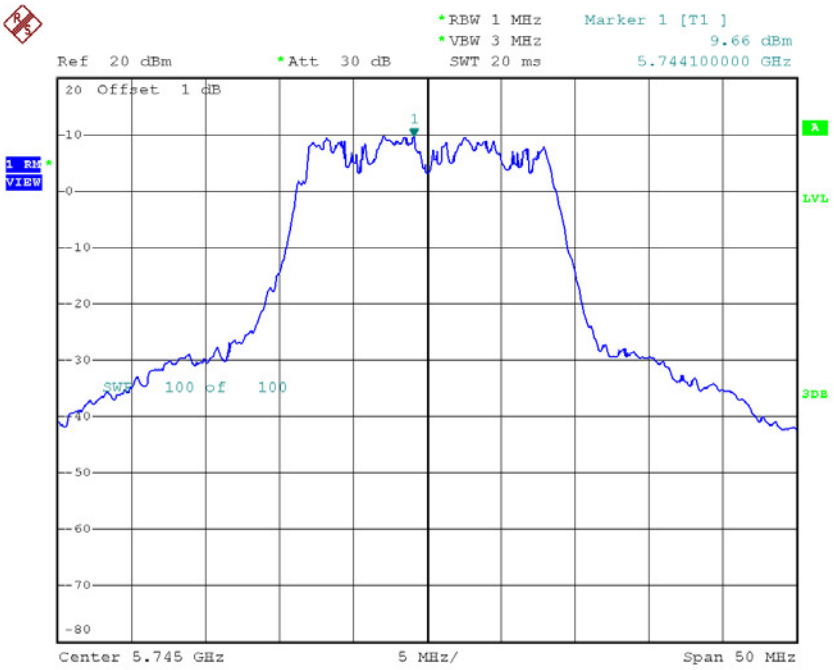


Date: 21.OCT.2016 09:55:50

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

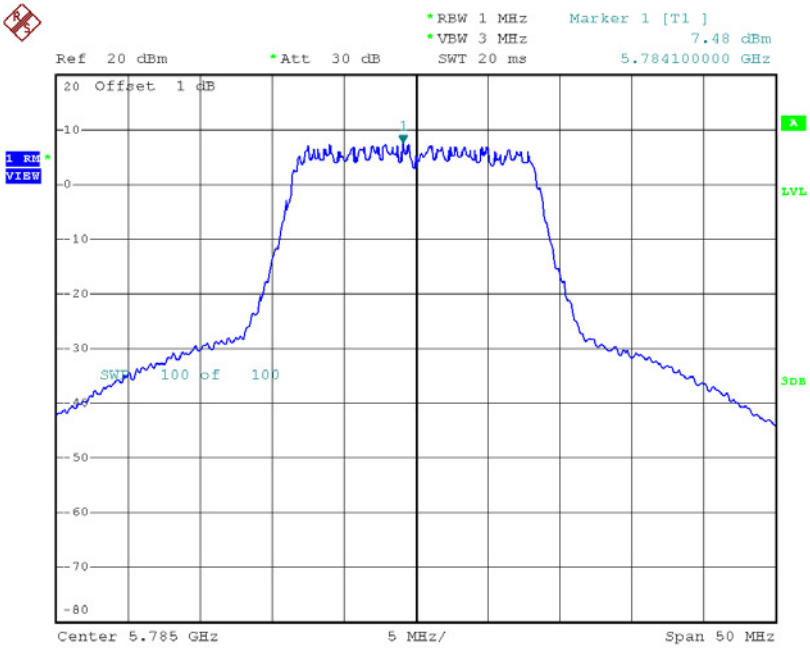
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	9.66	0.25	9.91	30.00
CH157	5785	7.48	0.25	7.73	30.00
CH165	5825	8.40	0.25	8.65	30.00

TX CH149



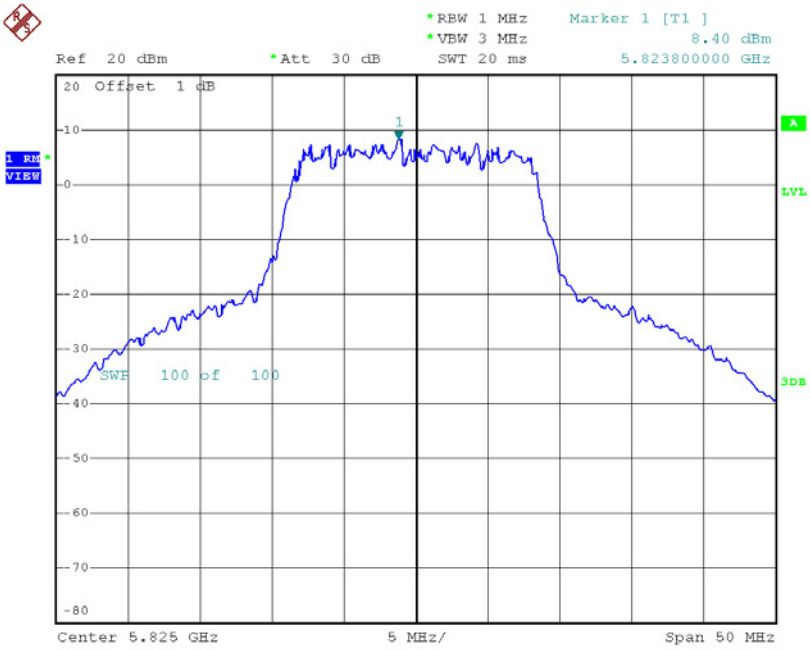
Date: 21.OCT.2016 09:56:35

TX CH157



Date: 21.OCT.2016 09:58:03

TX CH165

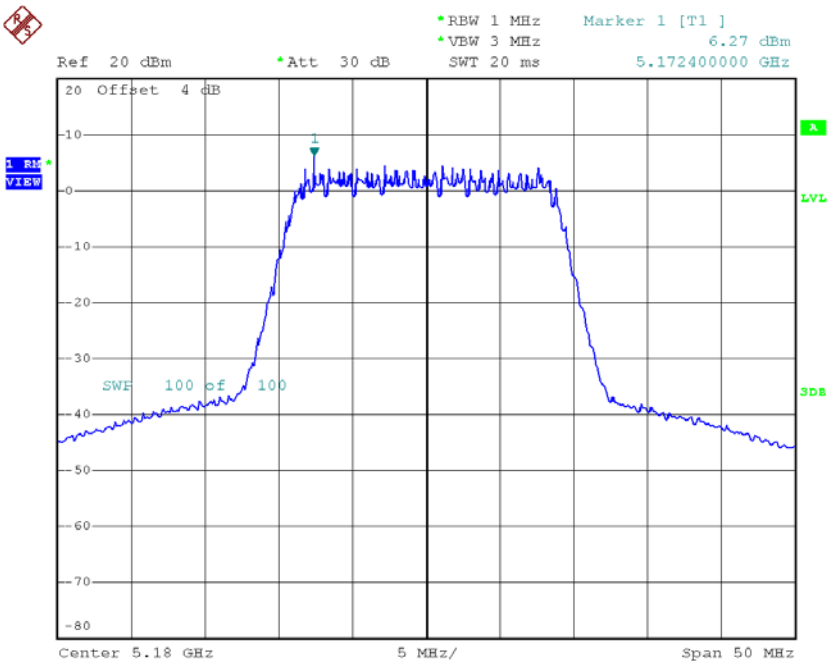


Date: 21.OCT.2016 09:59:00

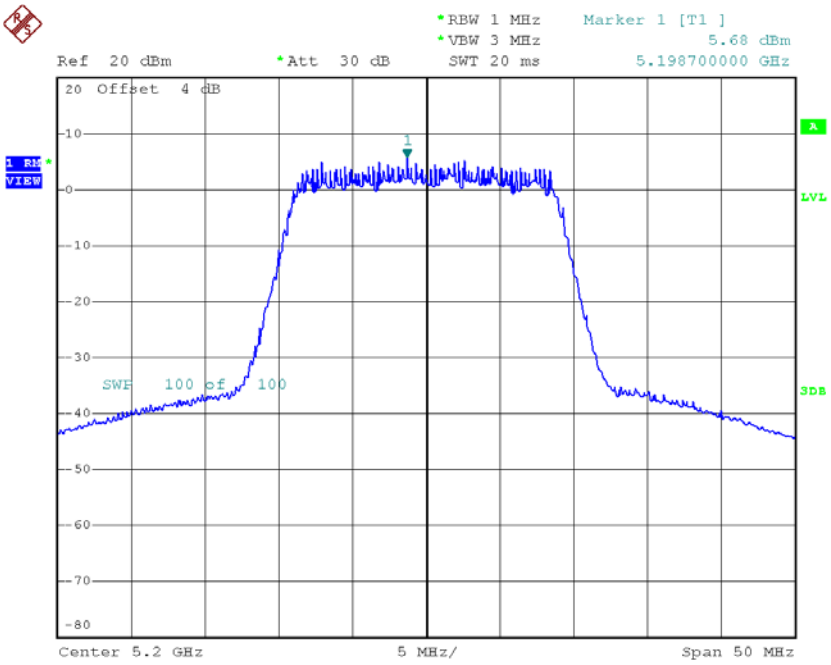
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 10

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.27	0.46	6.73	17.00
CH40	5200	5.68	0.46	6.14	17.00
CH48	5240	5.27	0.46	5.73	17.00

CH36

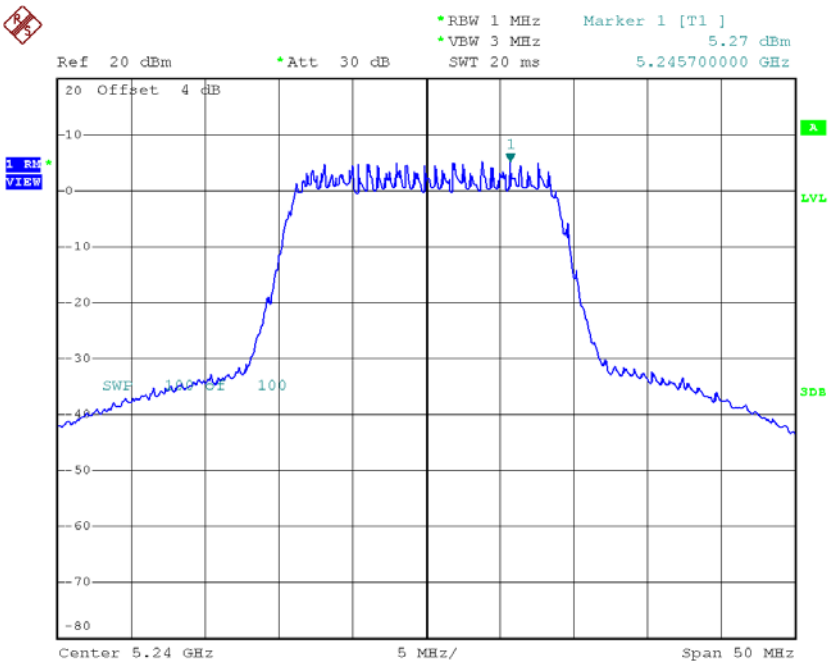


CH40



Date: 21.OCT.2016 10:02:38

CH48

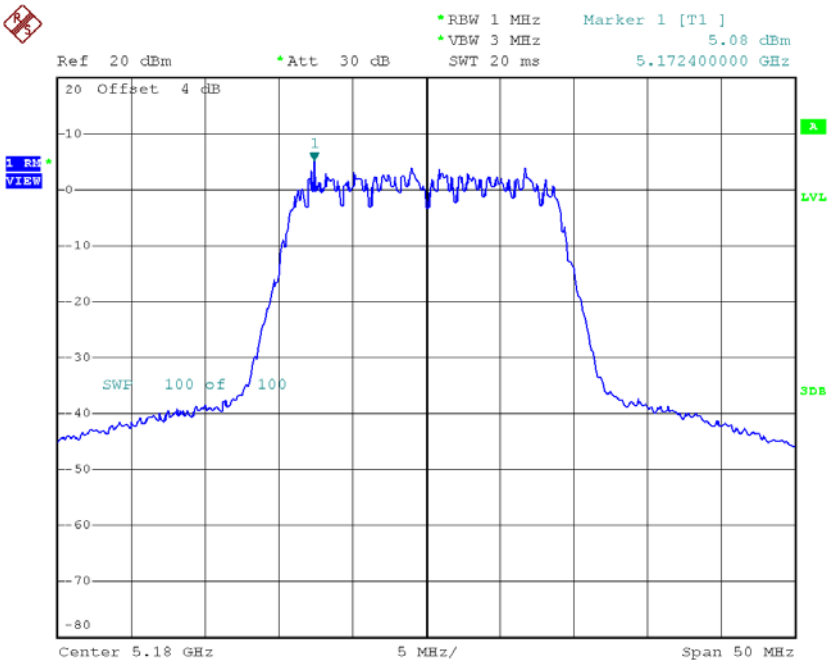


Date: 21.OCT.2016 10:17:04

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 20

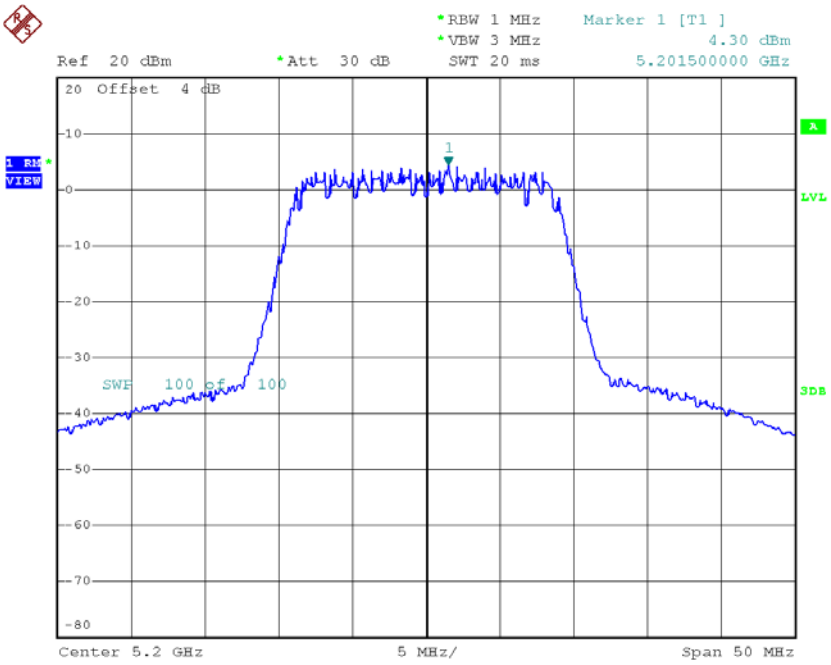
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.08	0.46	5.54	17.00
CH40	5200	4.30	0.46	4.76	17.00
CH48	5240	4.45	0.46	4.91	17.00

CH36



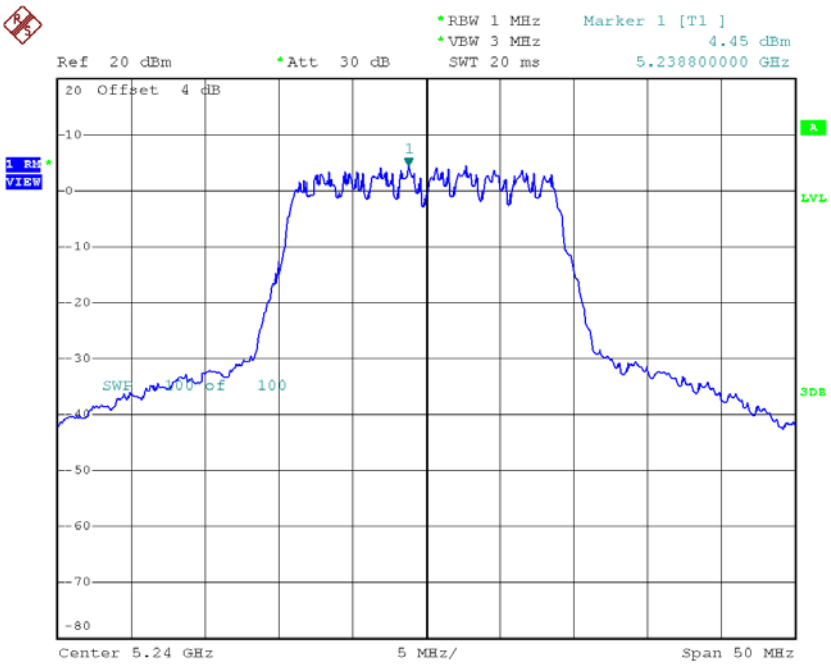
Date: 21.OCT.2016 10:40:30

CH40



Date: 21.OCT.2016 10:41:32

CH48

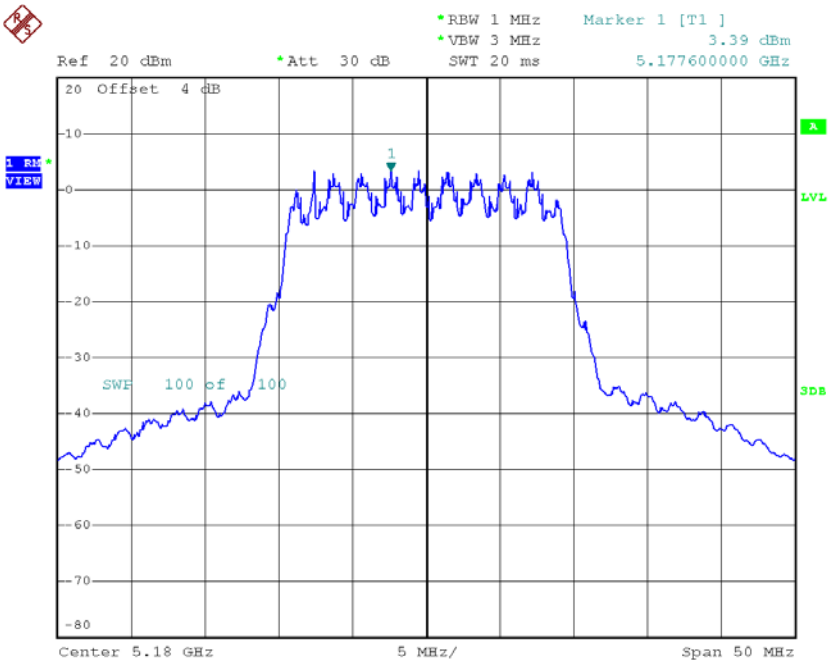


Date: 21.OCT.2016 10:42:21

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 30

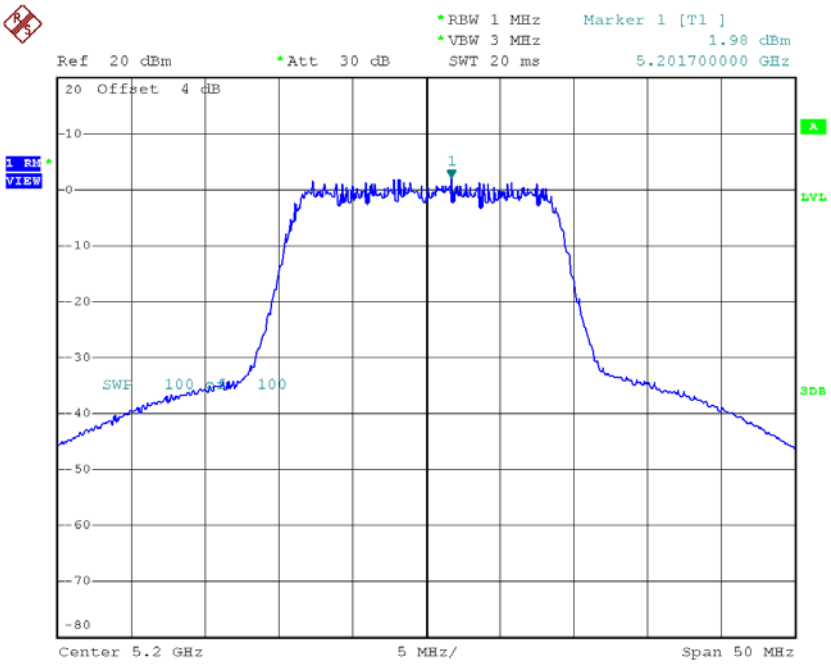
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.39	0.46	3.85	17.00
CH40	5200	1.98	0.46	2.44	17.00
CH48	5240	2.40	0.46	2.86	17.00

CH36



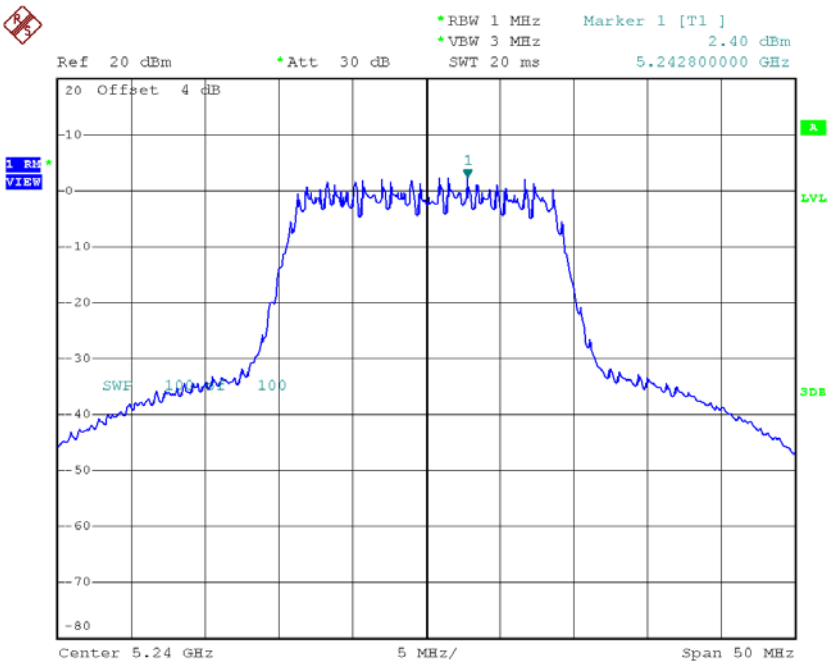
Date: 21.OCT.2016 11:05:38

CH40



Date: 21.OCT.2016 11:06:45

CH48



Date: 21.OCT.2016 11:07:36

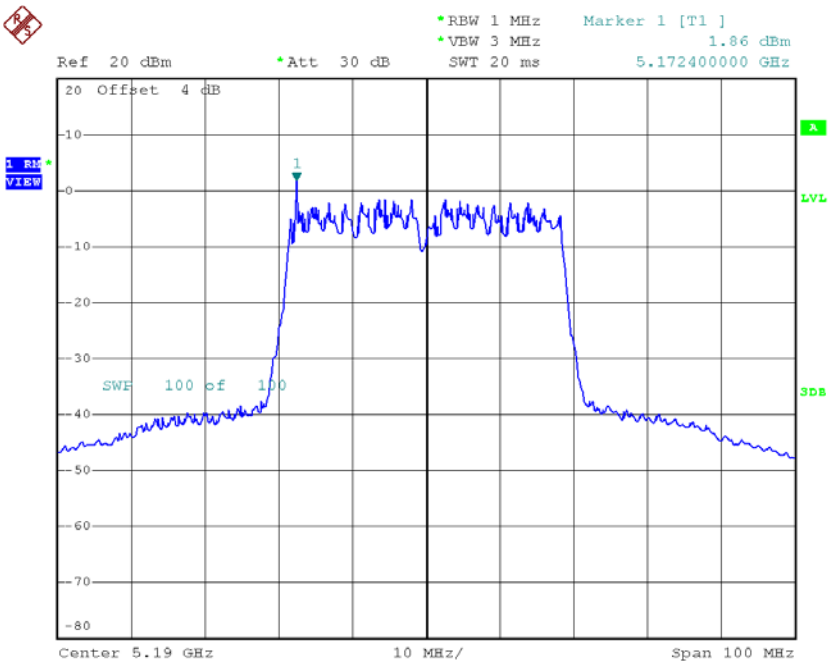
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.30	17.00
CH40	5200	9.47	17.00
CH48	5240	9.43	17.00

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 10

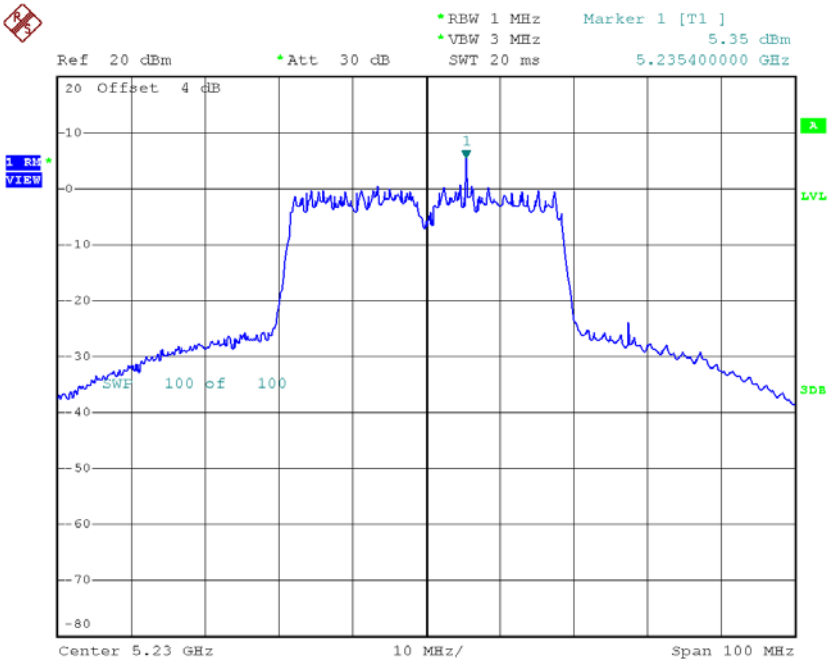
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	1.86	1.15	3.01	17.00
CH46	5230	5.35	1.15	6.50	17.00

CH38



Date: 21.OCT.2016 10:27:53

CH46

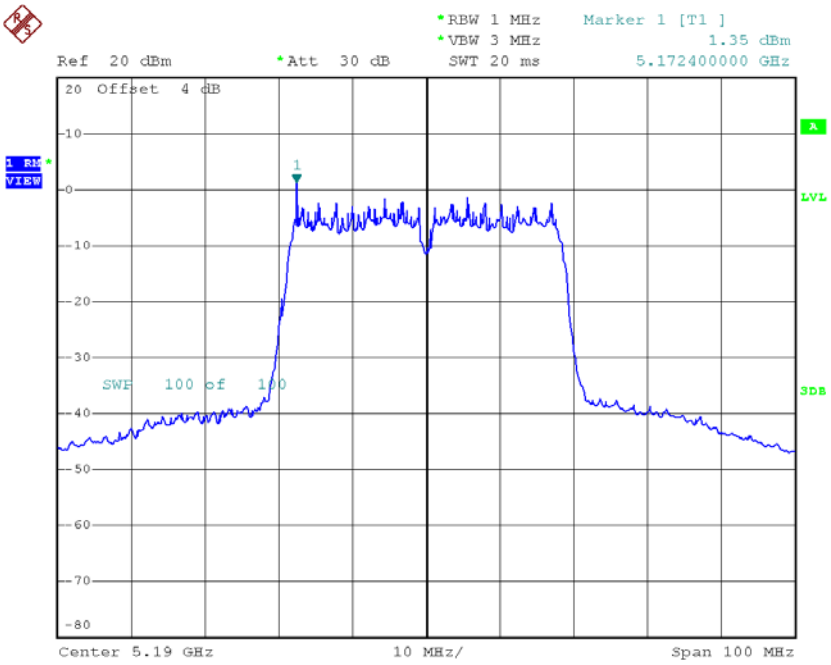


Date: 21.OCT.2016 10:28:56

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 20

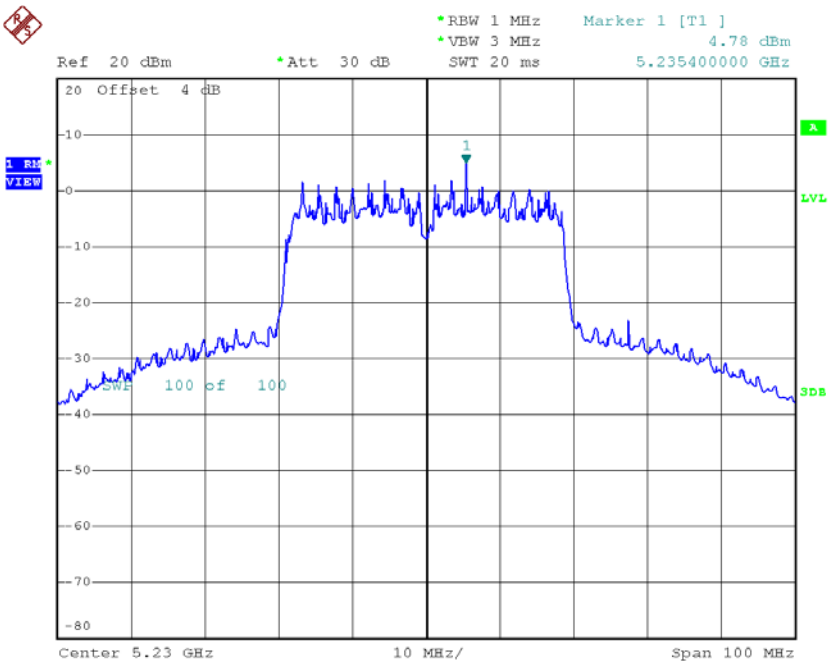
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	1.35	1.15	2.50	17.00
CH46	5230	4.78	1.15	5.93	17.00

CH38



Date: 21.OCT.2016 10:52:21

CH46

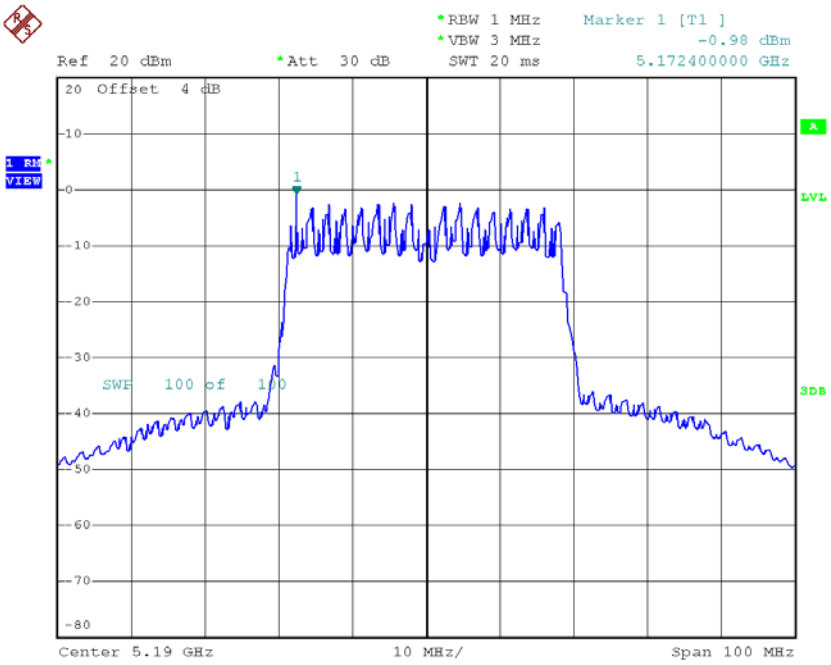


Date: 21.OCT.2016 10:53:17

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 30

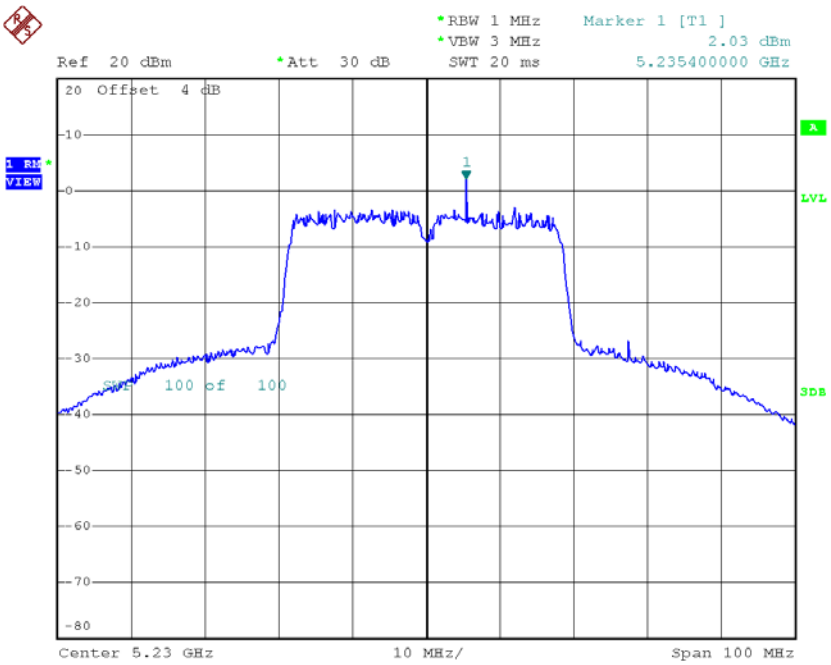
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-0.98	1.15	0.17	17.00
CH46	5230	2.03	1.15	3.18	17.00

CH38



Date: 21.OCT.2016 11:17:08

CH46



Date: 21.OCT.2016 11:18:01

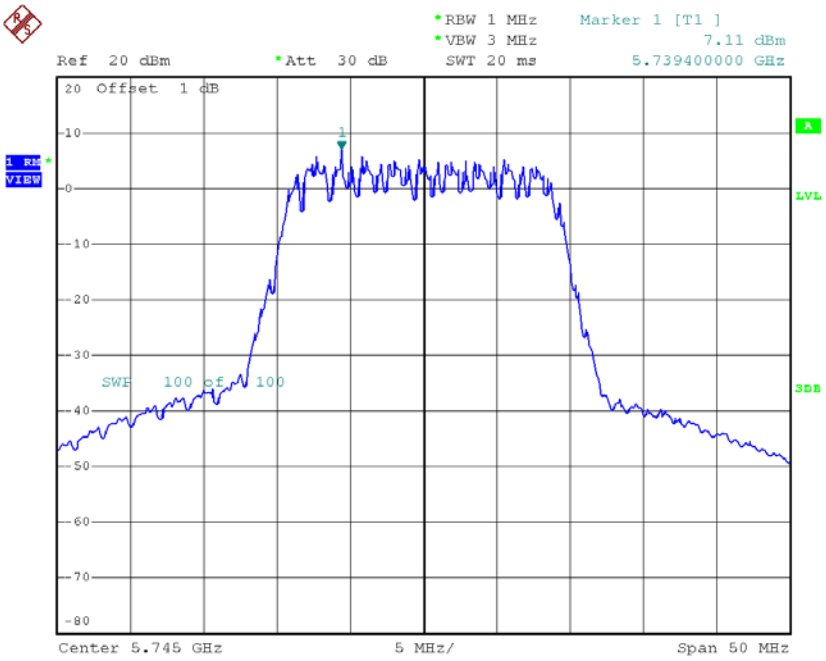
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	6.83	17.00
CH46	5230	10.20	17.00

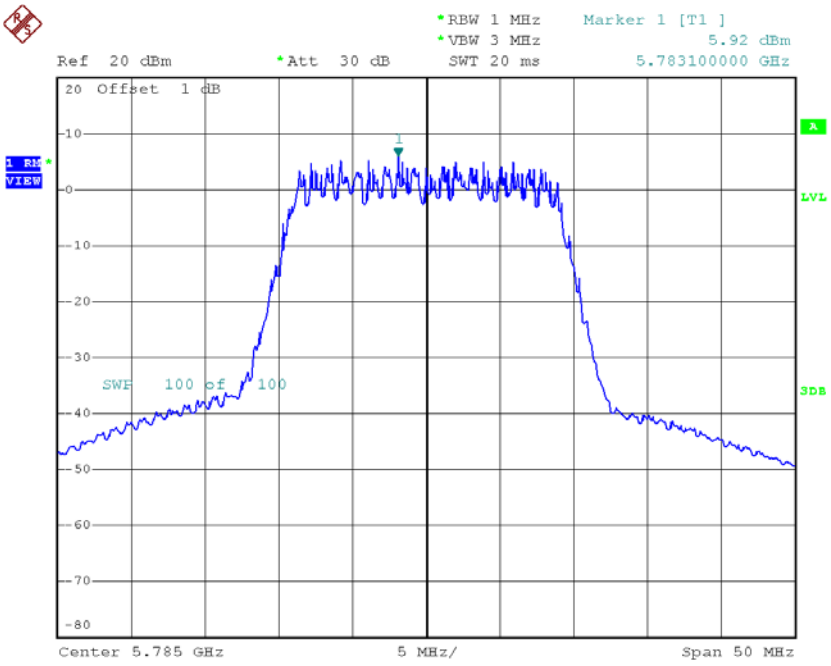
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 10

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	7.11	0.46	7.57	30.00
CH157	5785	5.92	0.46	6.38	30.00
CH165	5825	4.23	0.46	4.69	30.00

TX CH149

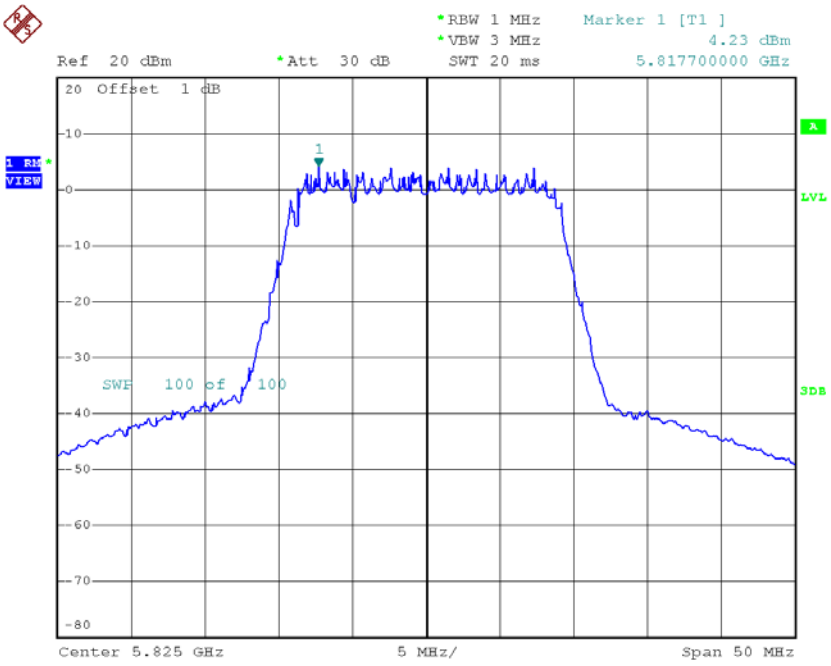


TX CH157



Date: 21.OCT.2016 10:19:03

TX CH165

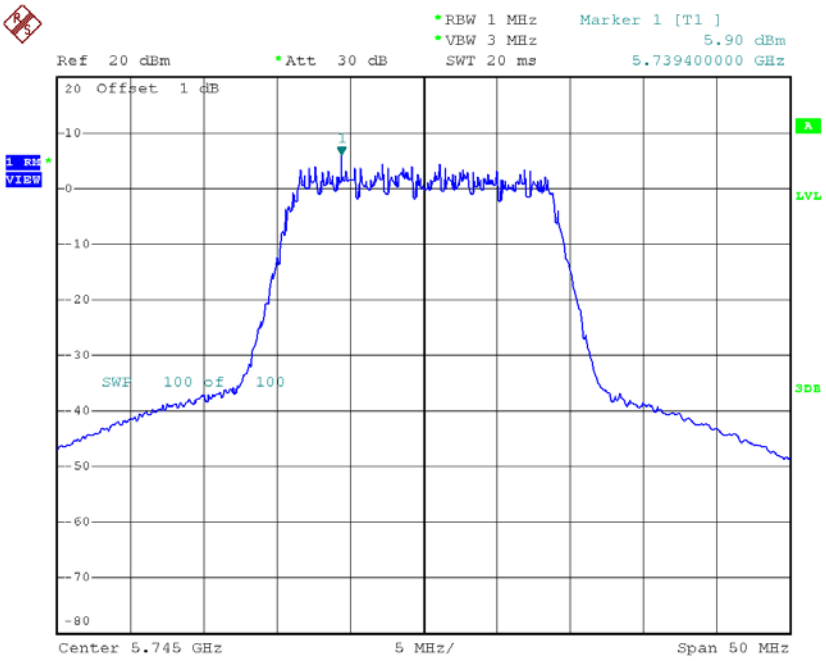


Date: 21.OCT.2016 10:19:57

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 20

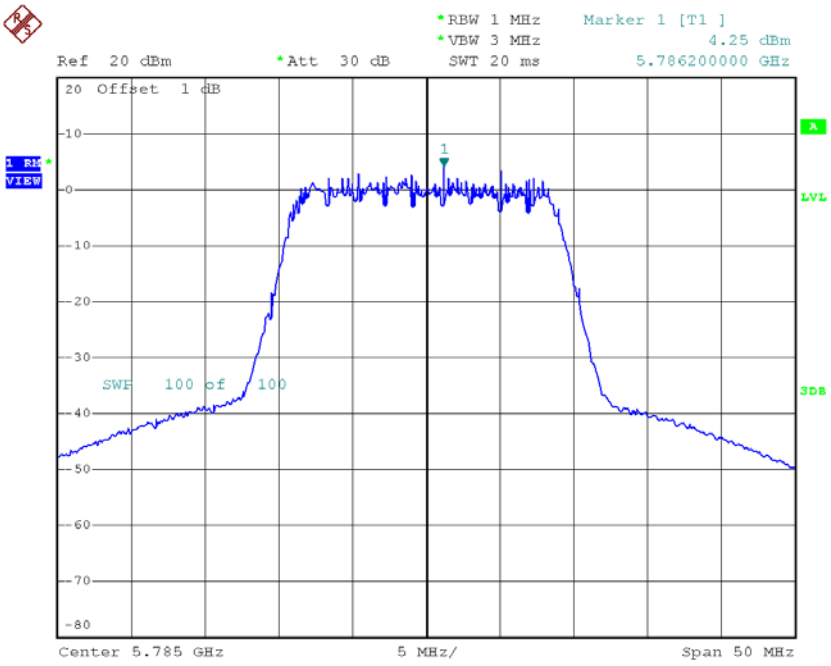
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	5.90	0.46	6.36	30.00
CH157	5785	4.25	0.46	4.71	30.00
CH165	5825	1.33	0.46	1.79	30.00

TX CH149



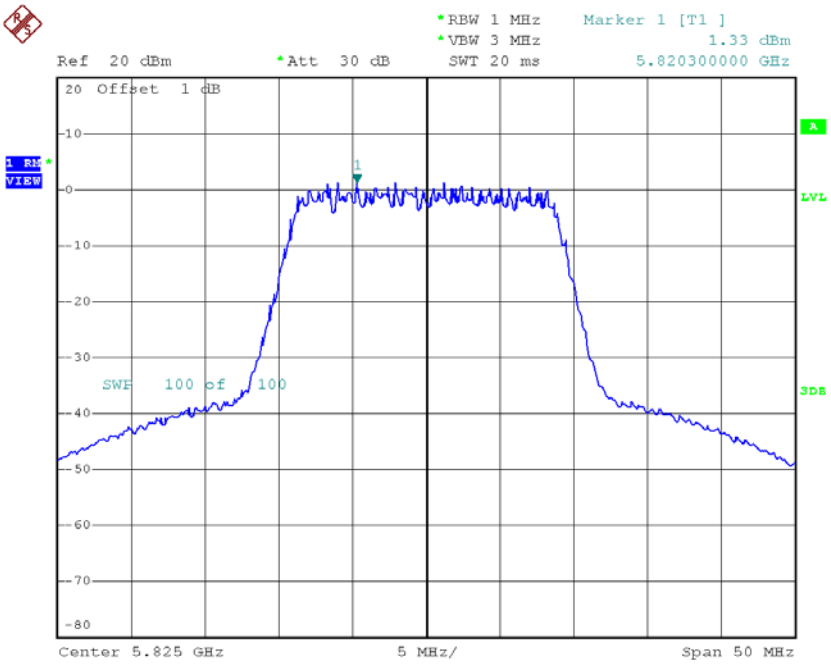
Date: 21.OCT.2016 10:43:22

TX CH157



Date: 21.OCT.2016 10:44:28

TX CH165

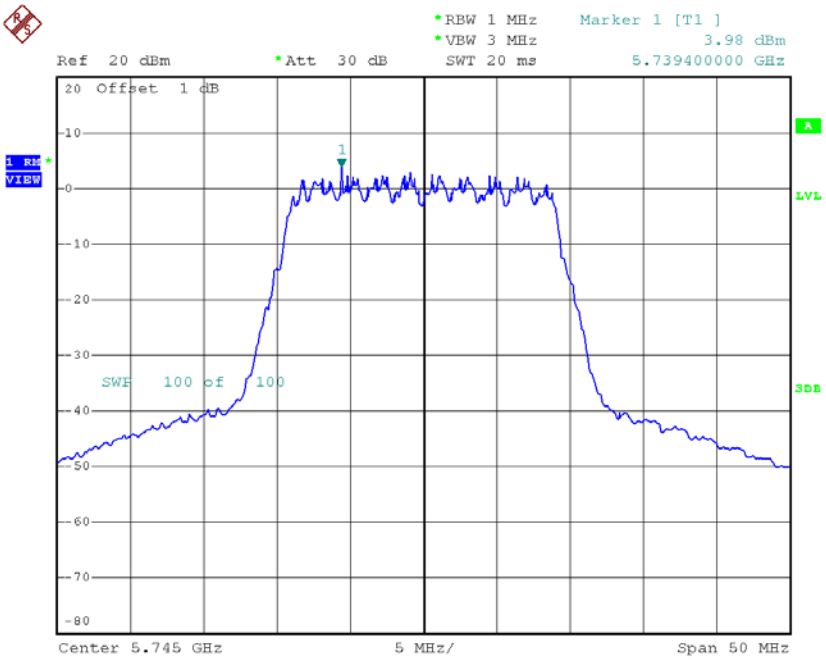


Date: 21.OCT.2016 10:45:23

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 30

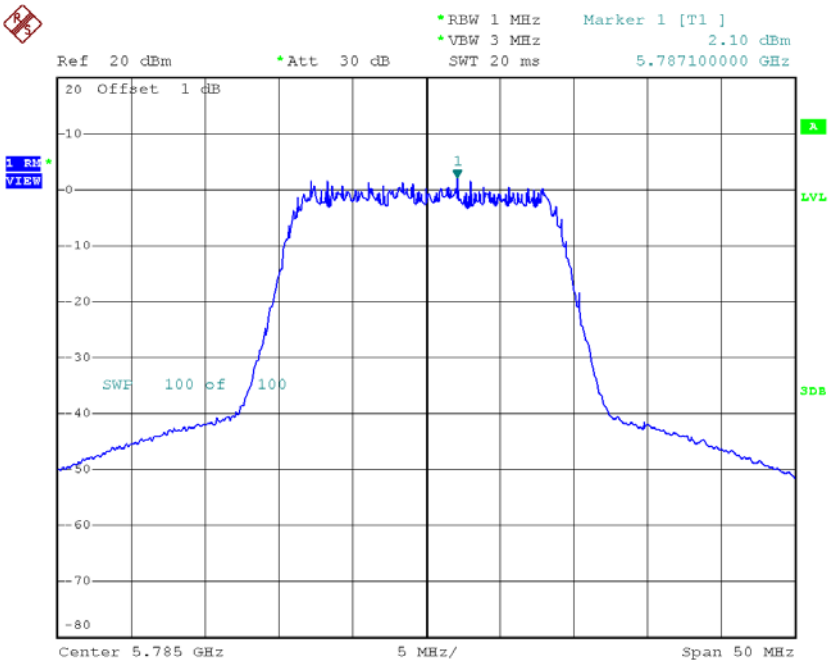
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	3.98	0.46	4.44	30.00
CH157	5785	2.10	0.46	2.56	30.00
CH165	5825	0.86	0.46	1.32	30.00

TX CH149



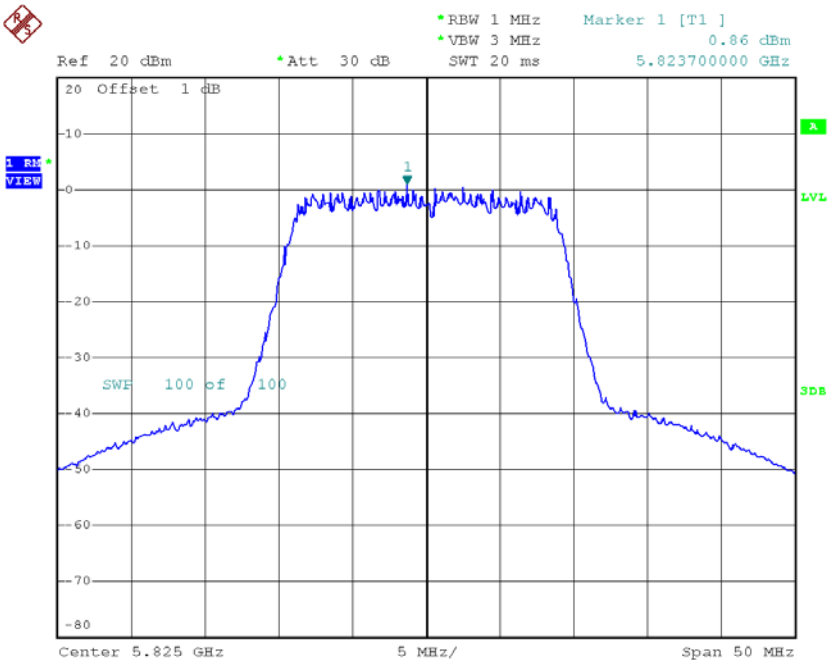
Date: 21.OCT.2016 11:08:33

TX CH157



Date: 21.OCT.2016 11:09:36

TX CH165



Date: 21.OCT.2016 11:10:32

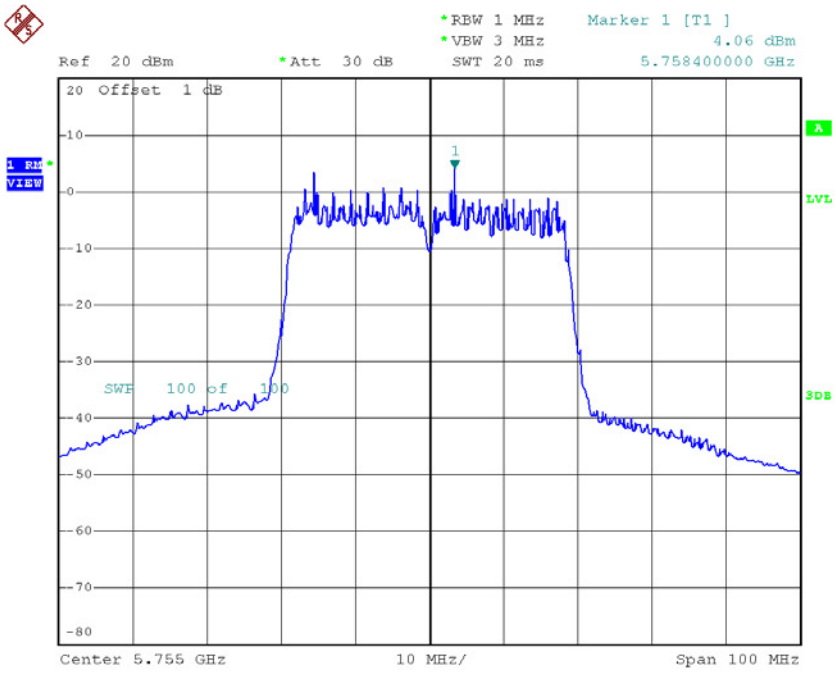
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	11.08	30.00
CH157	5785	9.59	30.00
CH165	5825	7.64	30.00

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 10

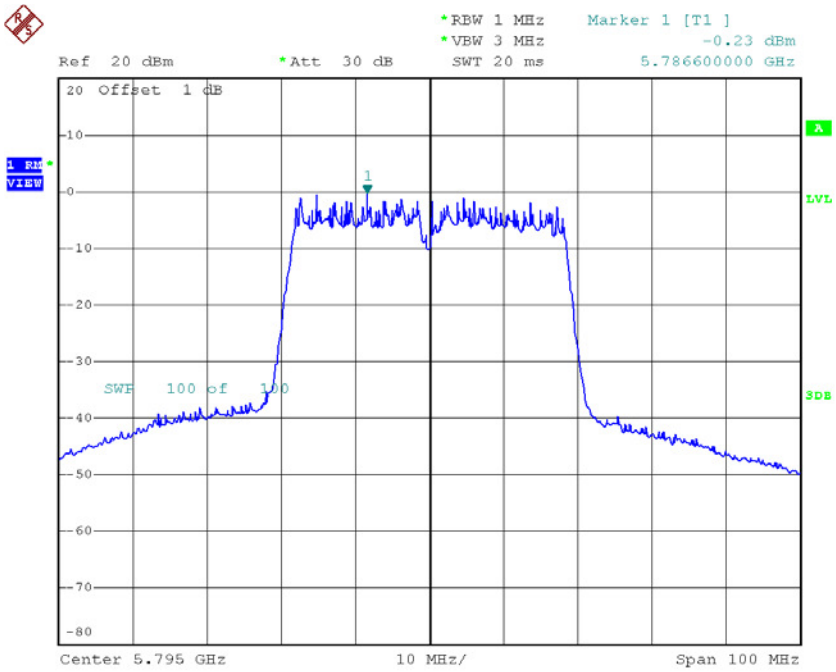
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	4.06	1.15	5.21	30.00
CH159	5795	-0.23	1.15	0.92	30.00

TX CH151



Date: 21.OCT.2016 10:29:59

TX CH159

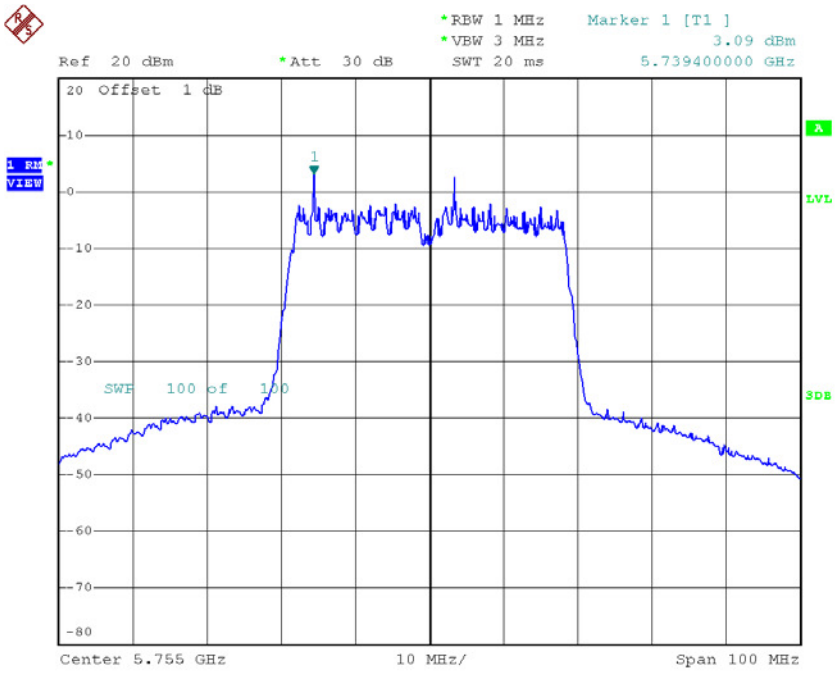


Date: 21.OCT.2016 10:30:56

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 20

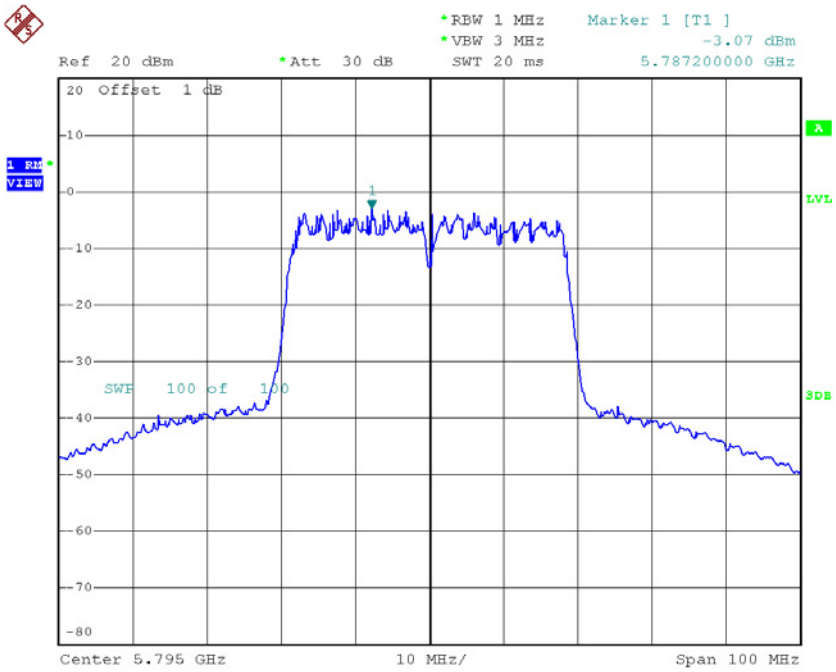
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	3.09	1.15	4.24	30.00
CH159	5795	-3.07	1.15	-1.92	30.00

TX CH151



Date: 21.OCT.2016 10:54:21

TX CH159

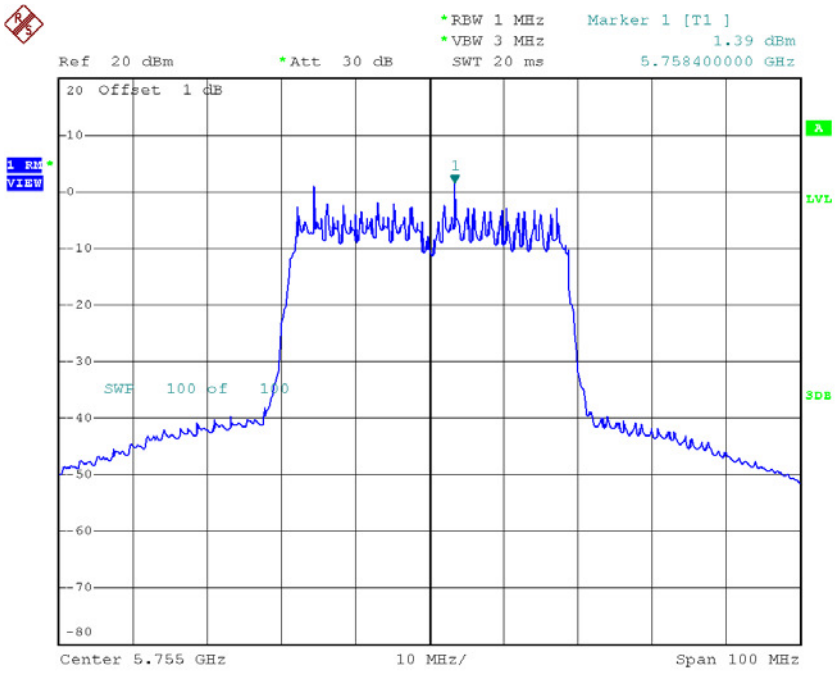


Date: 21.OCT.2016 10:55:18

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 30

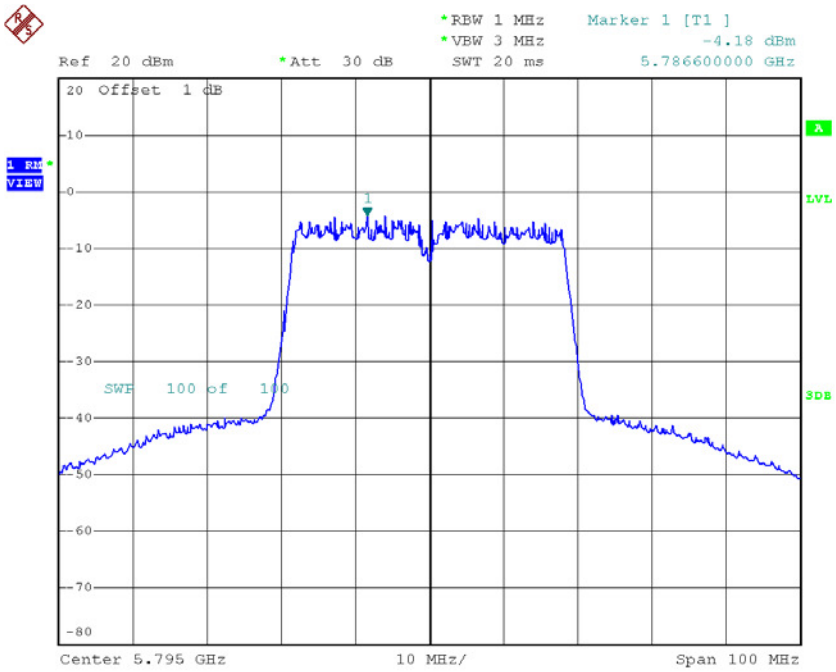
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	1.39	1.15	2.54	30.00
CH159	5795	-4.18	1.15	-3.03	30.00

TX CH151



Date: 21.OCT.2016 11:19:01

TX CH159



Date: 21.OCT.2016 11:19:57

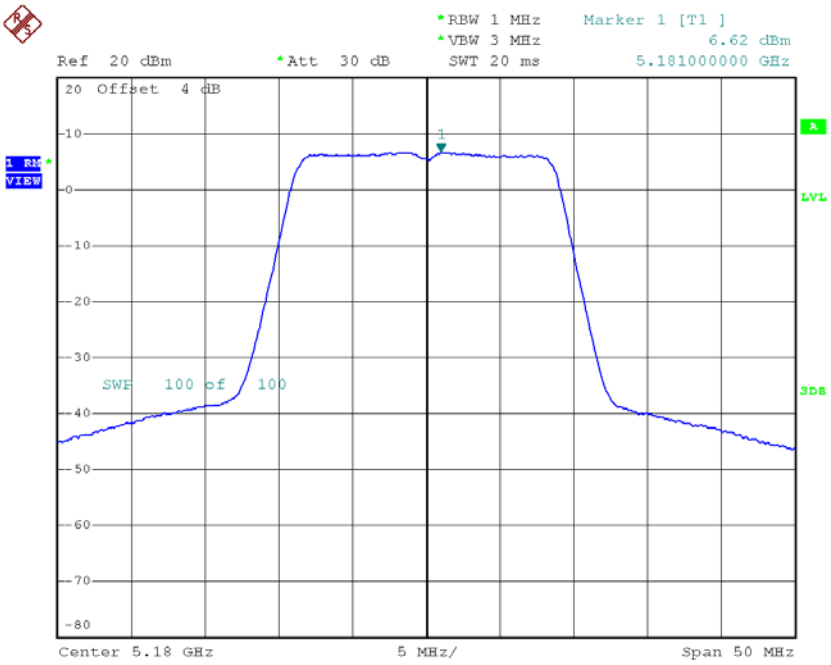
Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	8.90	30.00
CH159	5795	3.76	30.00

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 10

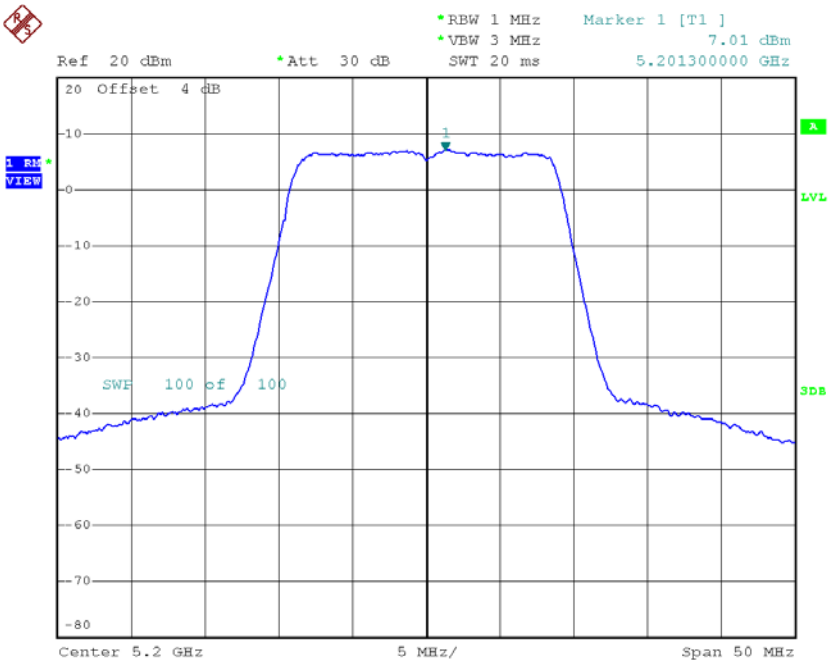
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.62	1.25	7.87	17.00
CH40	5200	7.01	1.25	8.26	17.00
CH48	5240	6.98	1.25	8.23	17.00

CH36



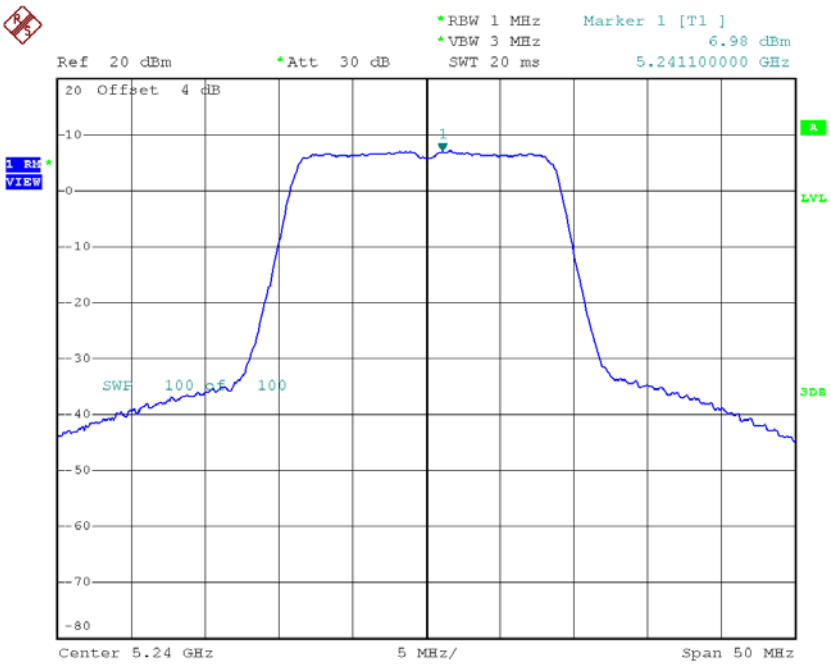
Date: 21.OCT.2016 10:21:17

CH40



Date: 21.OCT.2016 10:22:07

CH48

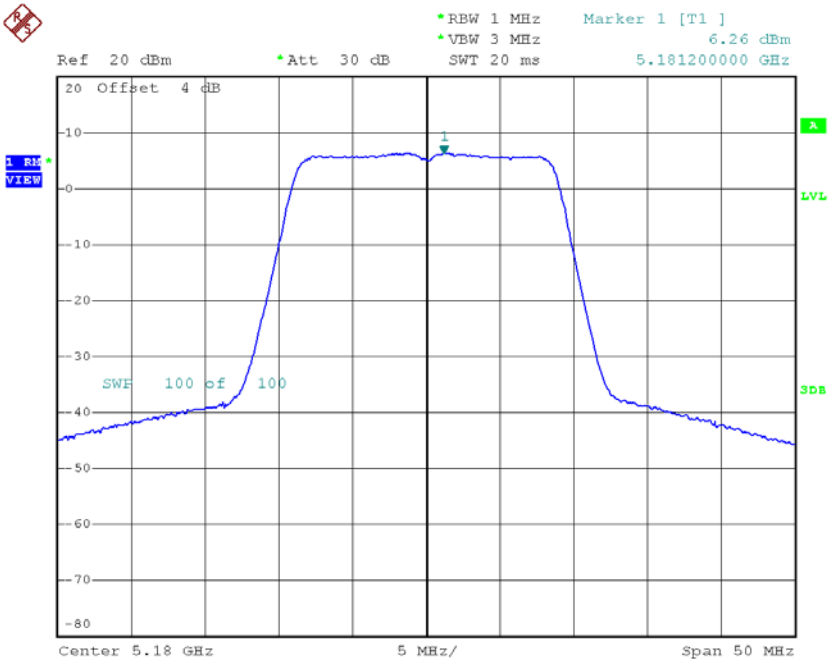


Date: 21.OCT.2016 10:22:57

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 20

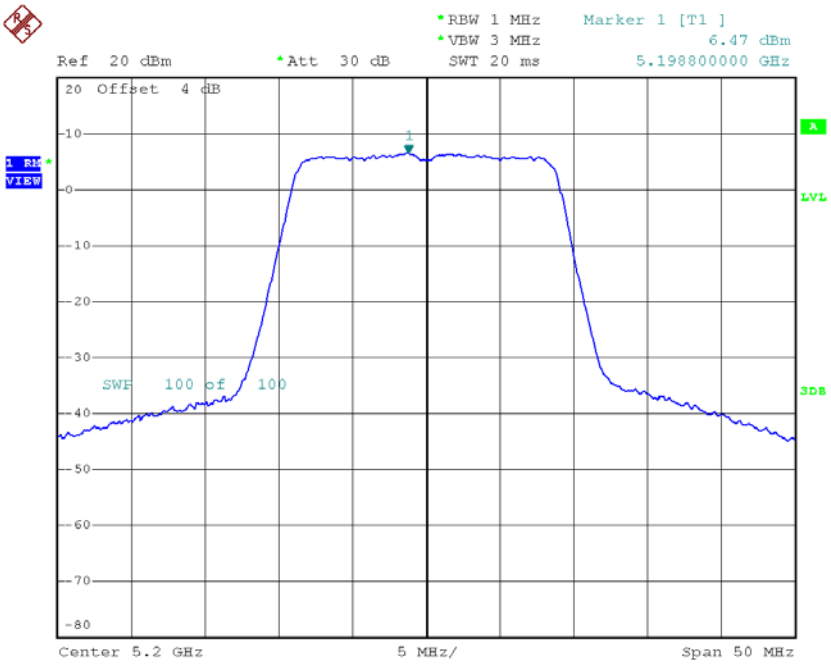
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.26	1.25	7.51	17.00
CH40	5200	6.47	1.25	7.72	17.00
CH48	5240	6.63	1.25	7.88	17.00

CH36



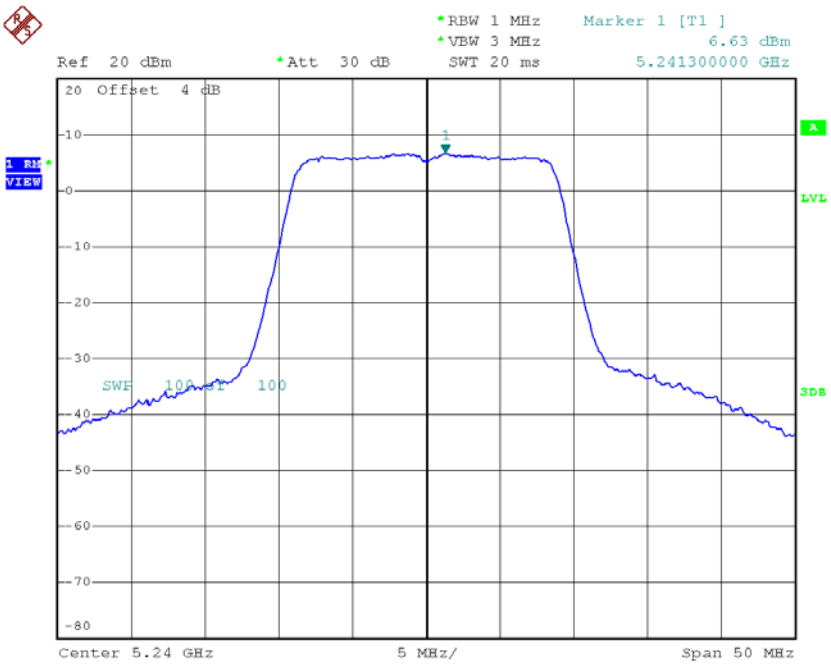
Date: 21.OCT.2016 10:46:33

CH40



Date: 21.OCT.2016 10:47:23

CH48

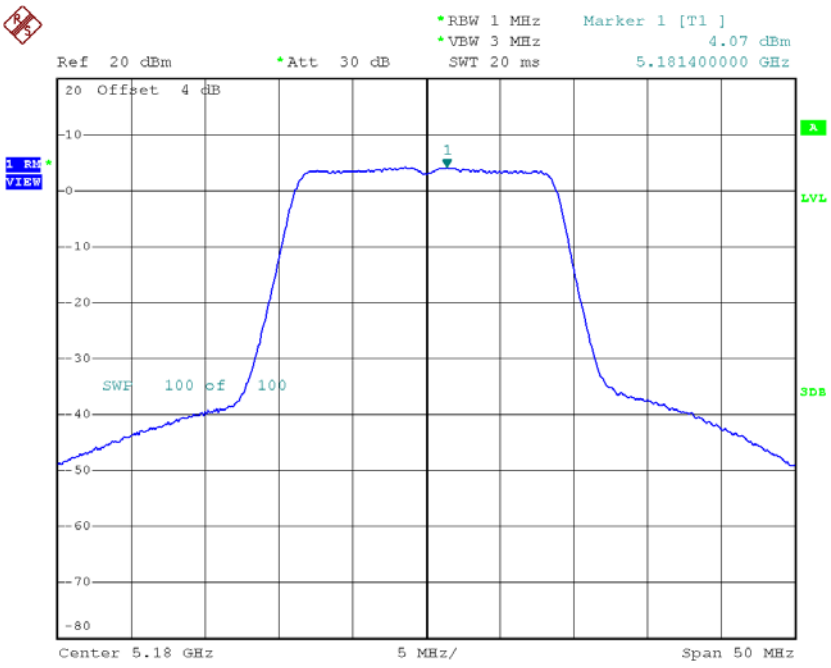


Date: 21.OCT.2016 10:48:13

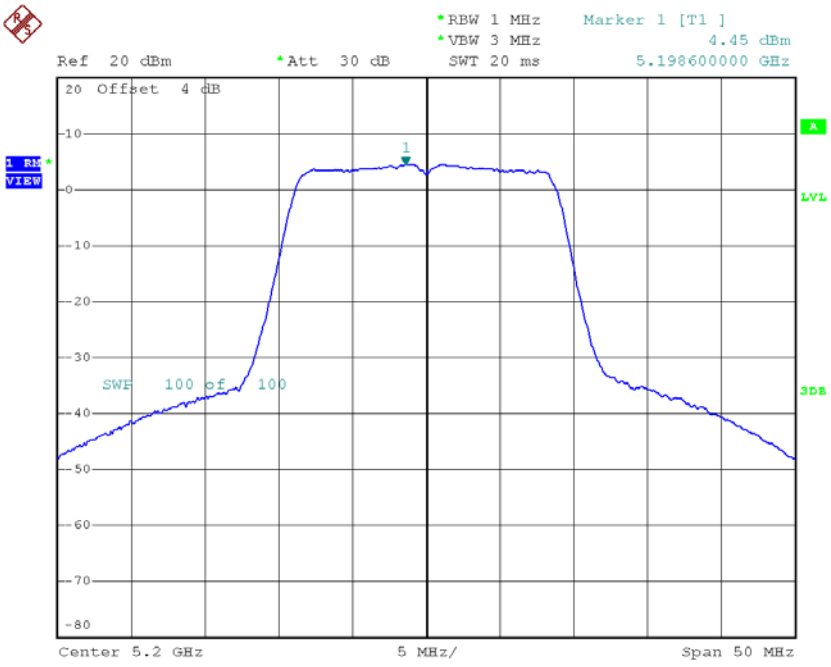
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 30

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	4.07	1.25	5.32	17.00
CH40	5200	4.45	1.25	5.70	17.00
CH48	5240	3.69	1.25	4.94	17.00

CH36

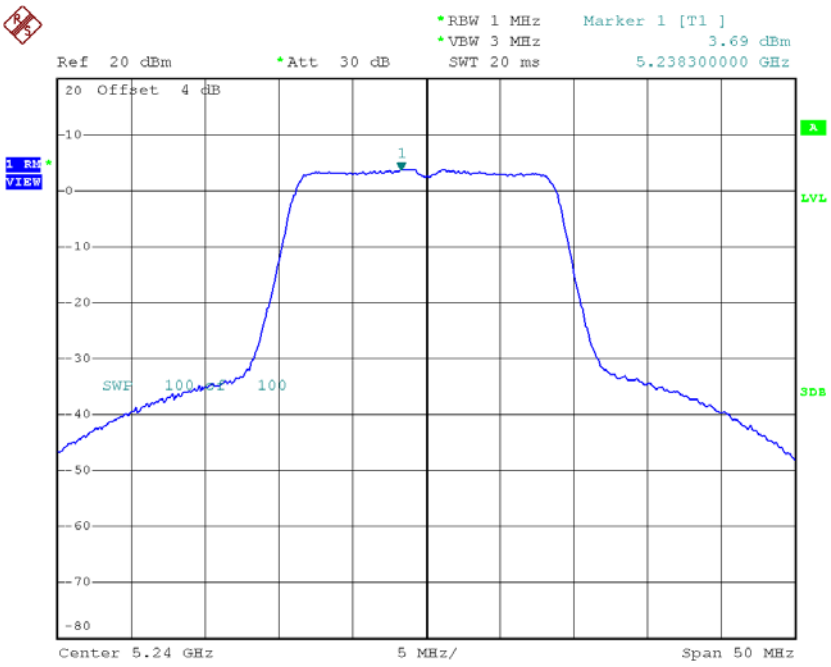


CH40



Date: 21.OCT.2016 11:12:29

CH48



Date: 21.OCT.2016 11:13:19

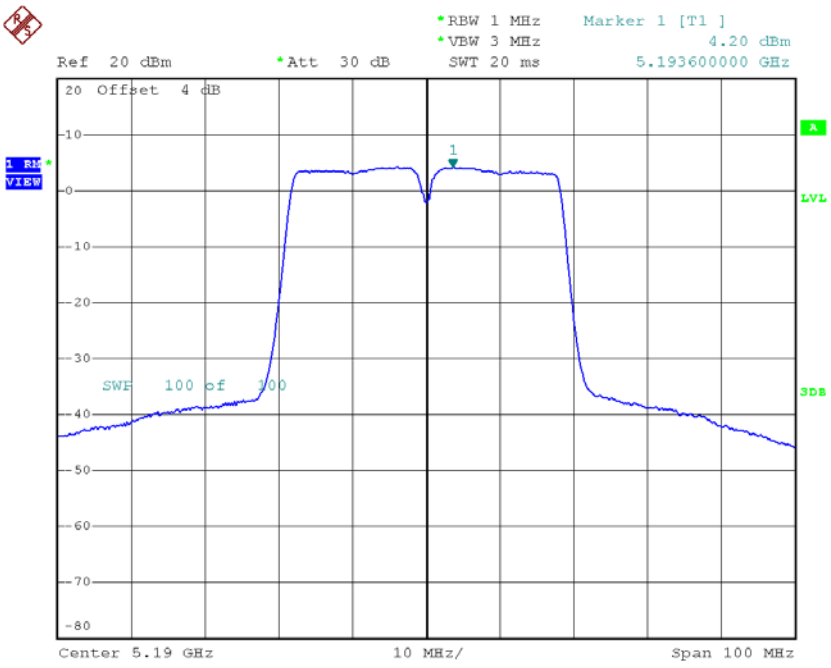
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.81	17.00
CH40	5200	12.13	17.00
CH48	5240	12.02	17.00

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 10

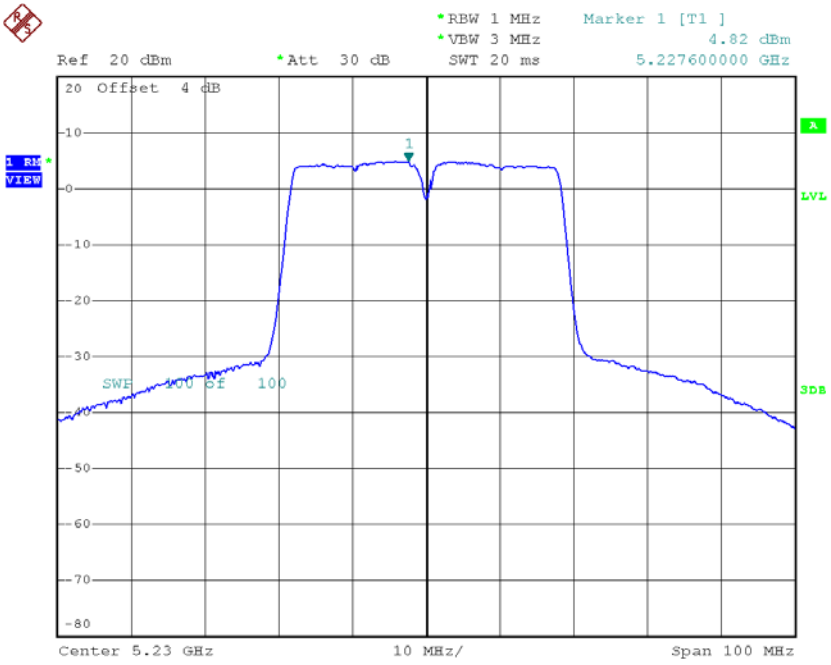
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.20	3.01	7.21	17.00
CH46	5230	4.82	3.01	7.83	17.00

CH38



Date: 21.OCT.2016 10:32:14

CH46

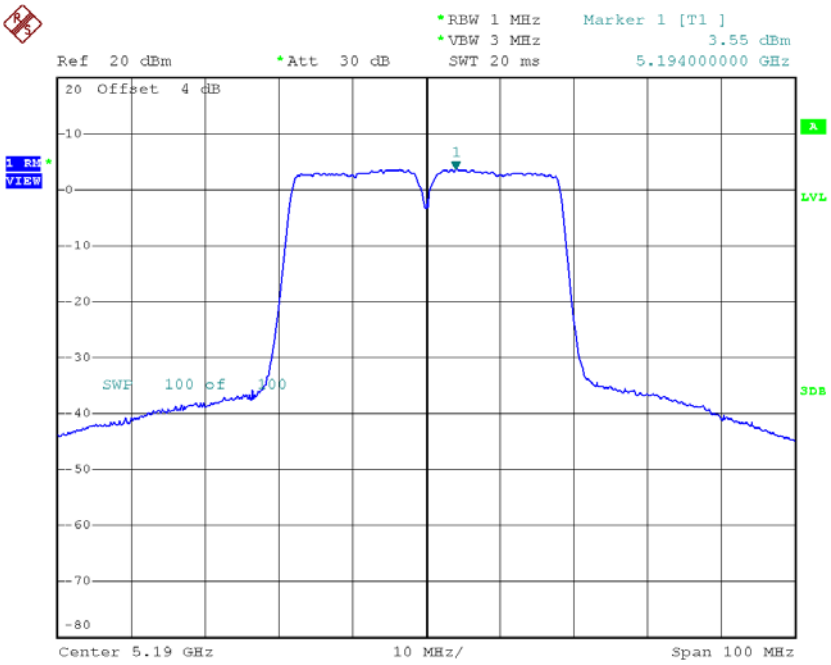


Date: 21.OCT.2016 10:33:38

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 20

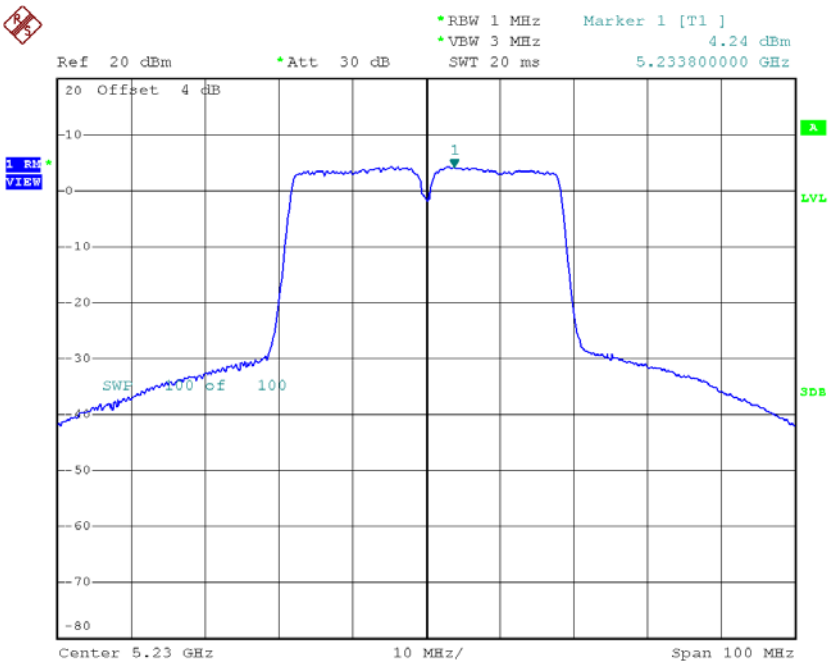
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	3.55	3.01	6.56	17.00
CH46	5230	4.24	3.01	7.25	17.00

CH38



Date: 21.OCT.2016 10:56:32

CH46

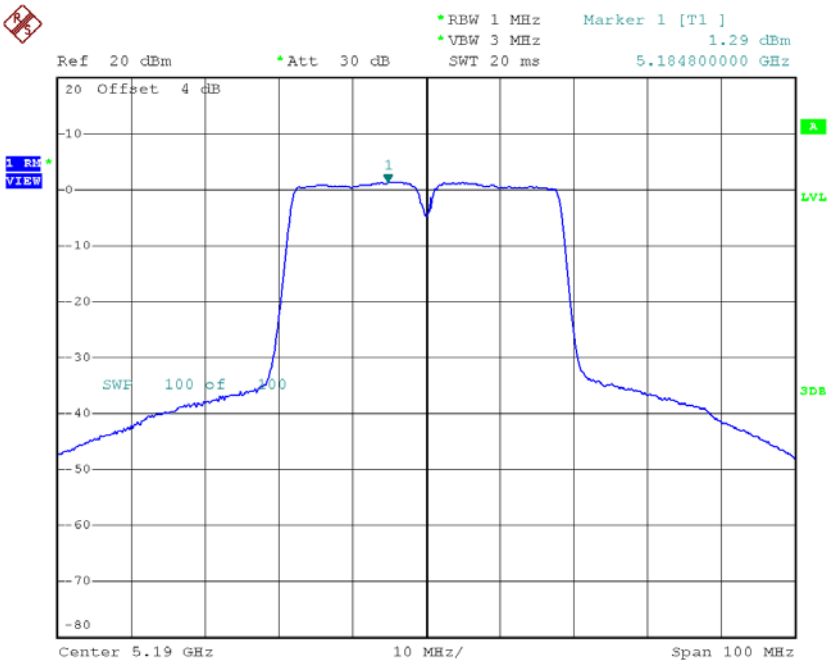


Date: 21.OCT.2016 10:57:38

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 30

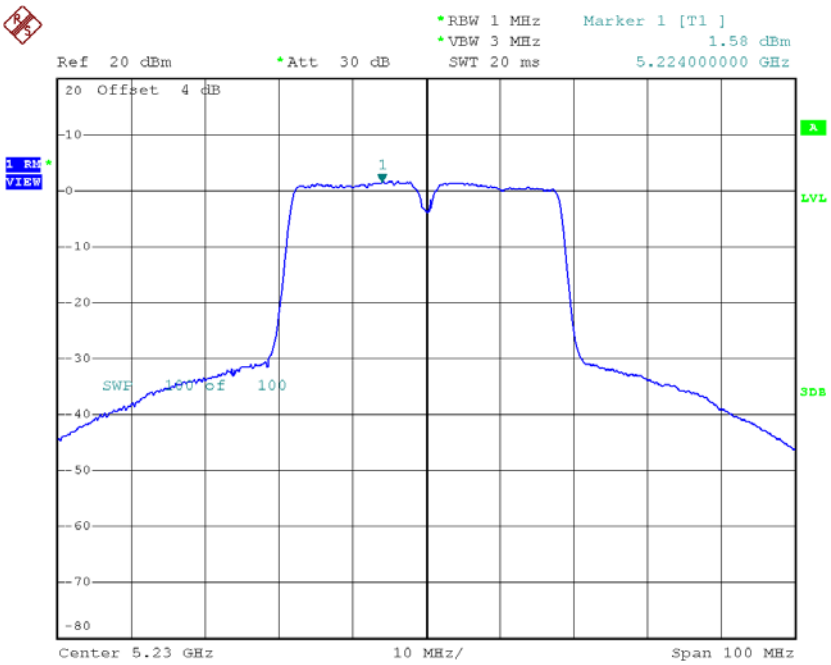
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	1.29	3.01	4.30	17.00
CH46	5230	1.58	3.01	4.59	17.00

CH38



Date: 21.OCT.2016 11:20:56

CH46



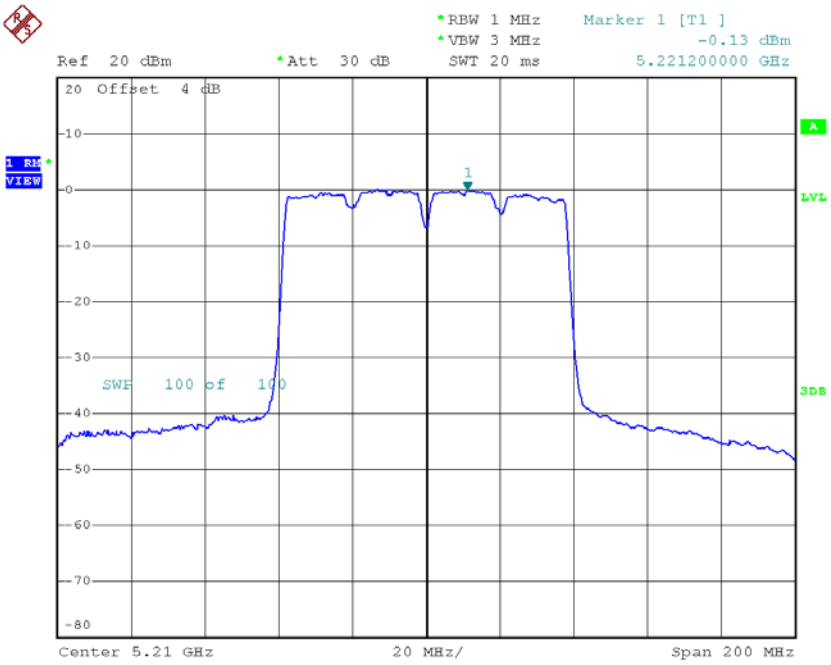
Date: 21.OCT.2016 11:22:06

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	10.96	17.00
CH46	5230	11.54	17.00

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 10					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-0.13	4.77	4.64	17.00

CH42

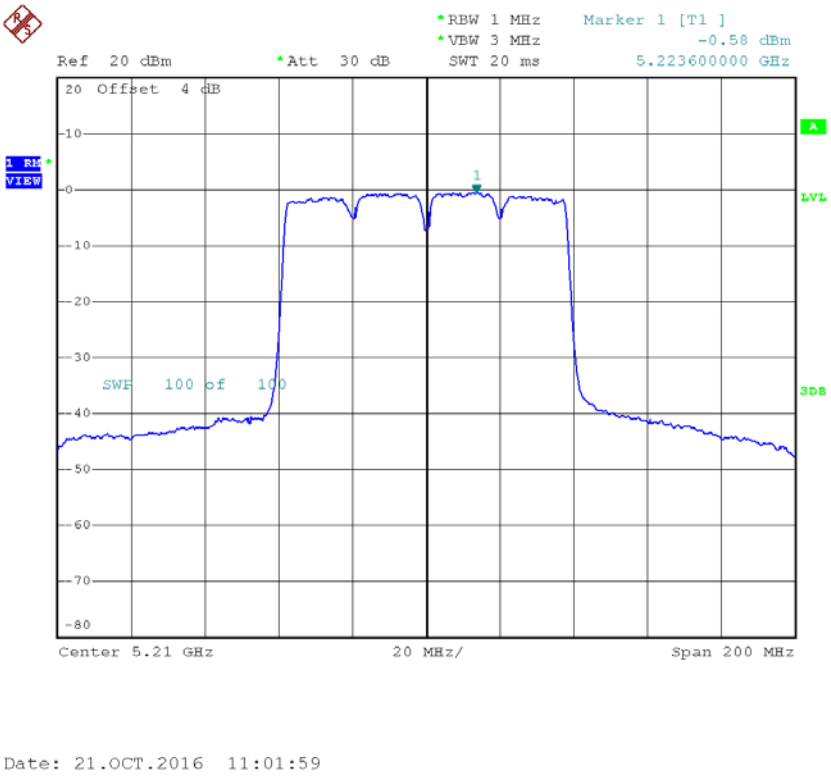


Date: 21.OCT.2016 10:36:54

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 20

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-0.58	4.77	4.19	17.00

CH42

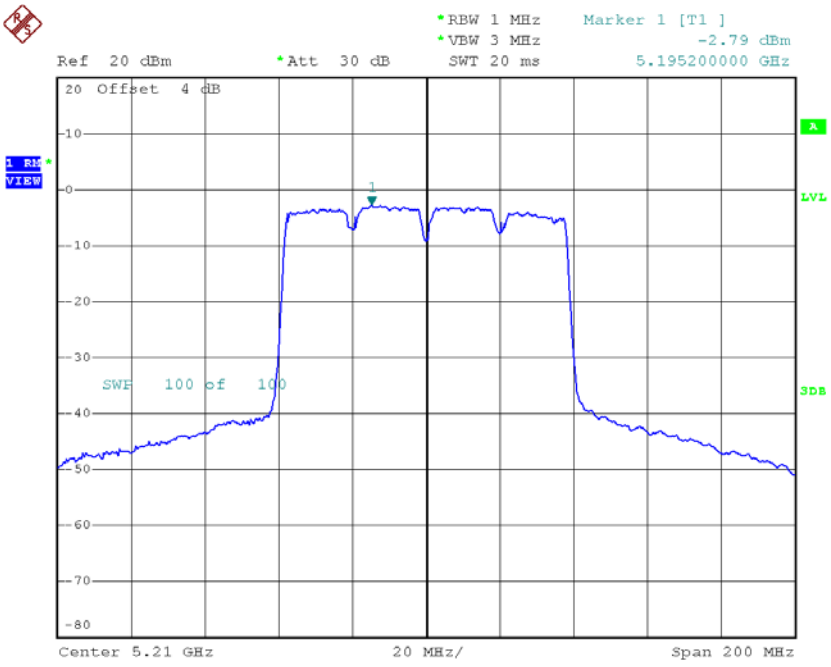


Date: 21.OCT.2016 11:01:59

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 30

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-2.79	4.77	1.98	17.00

CH42



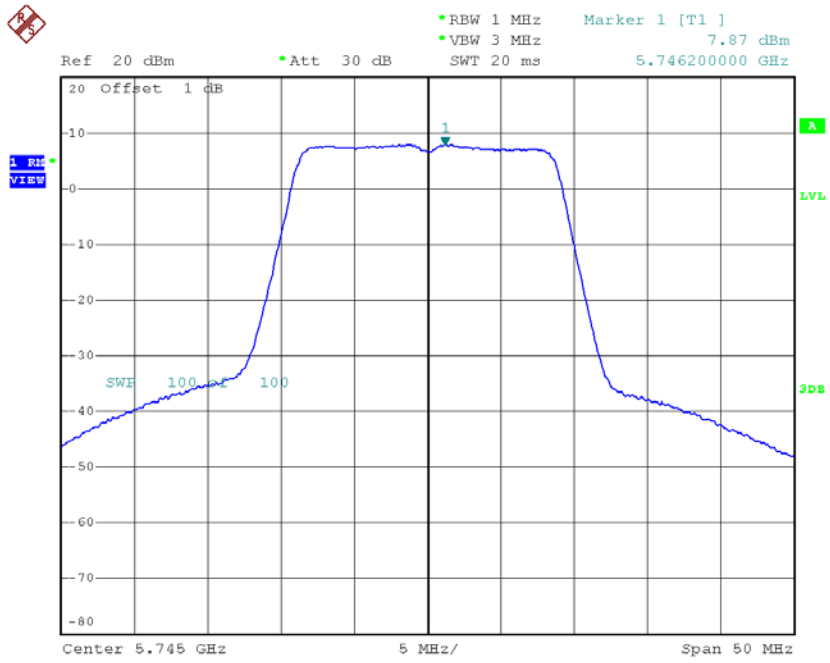
Date: 21.OCT.2016 11:25:10

Test Mode: UNII-1/TX AC80 Mode_CH42_Total			
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	8.52	17.00

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 10

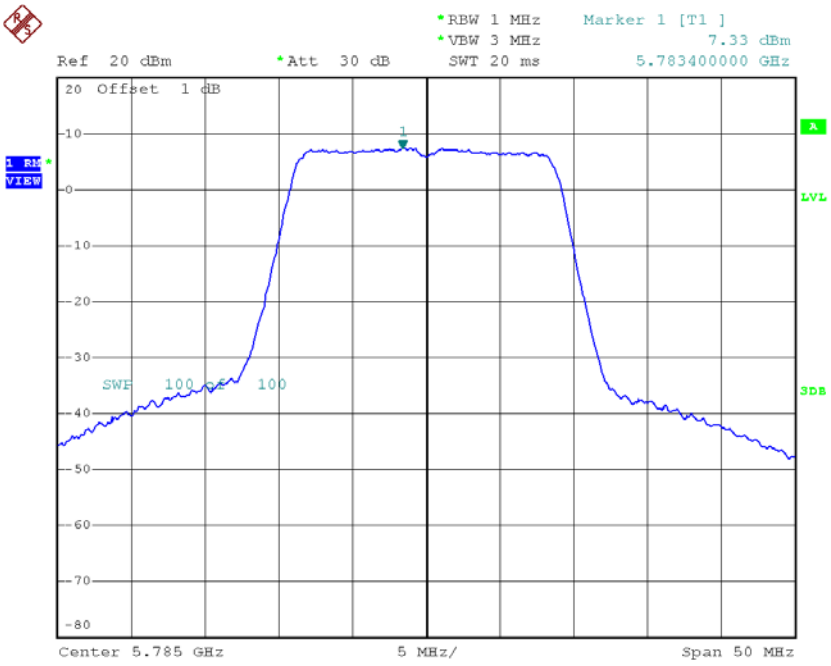
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	7.87	1.25	9.12	30.00
CH157	5785	7.33	1.25	8.58	30.00
CH165	5825	6.04	1.25	7.29	30.00

TX CH149



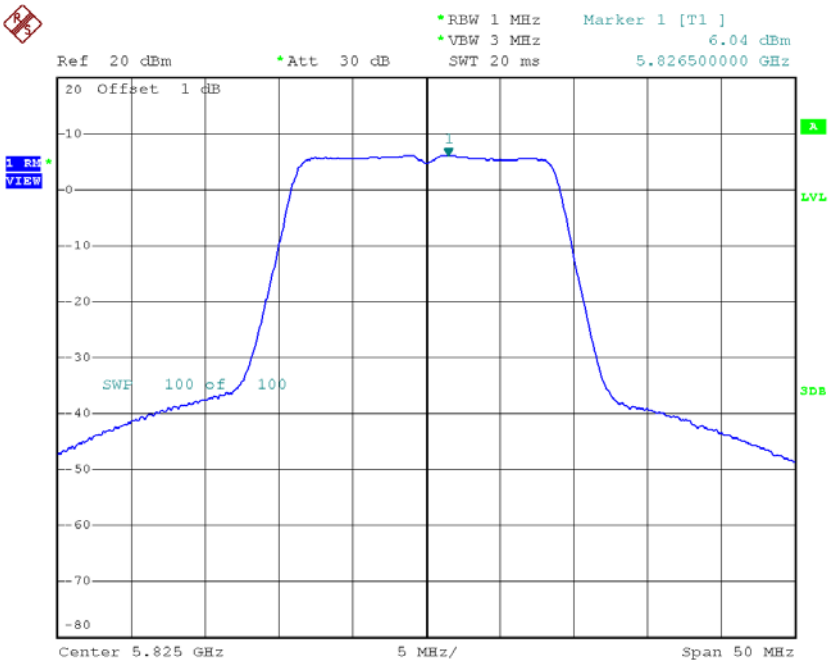
Date: 21.OCT.2016 10:24:15

TX CH157



Date: 21.OCT.2016 10:25:36

TX CH165

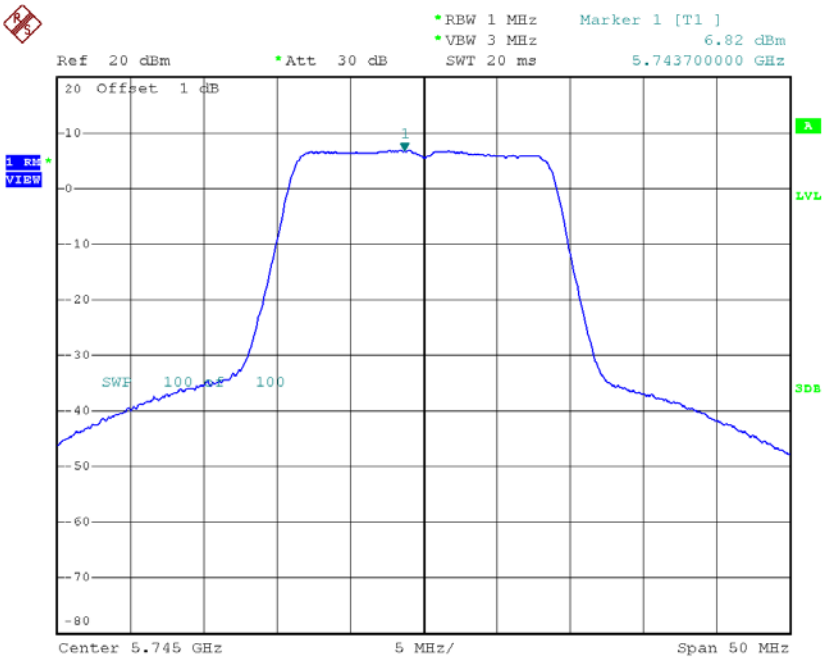


Date: 21.OCT.2016 10:26:29

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 20

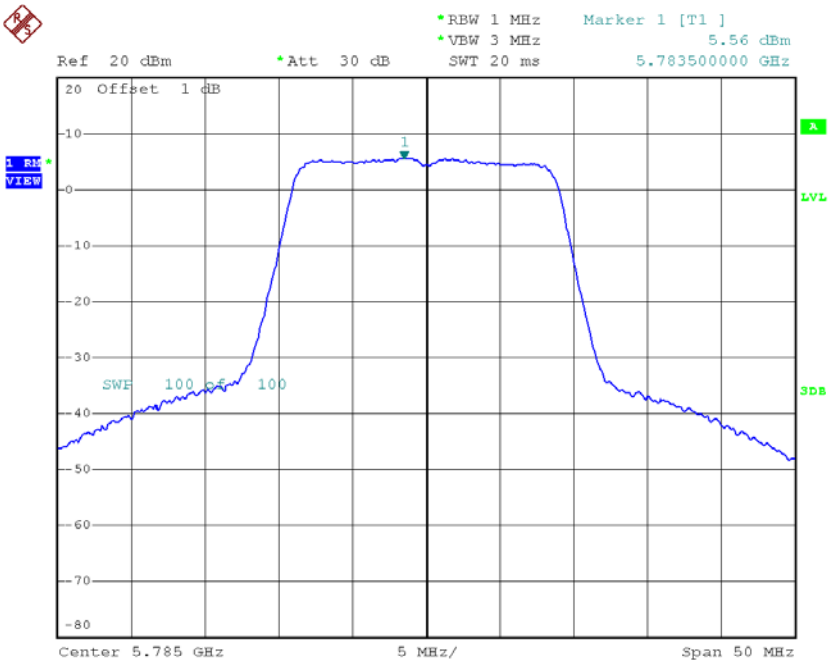
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	6.82	1.25	8.07	30.00
CH157	5785	5.56	1.25	6.81	30.00
CH165	5825	4.00	1.25	5.25	30.00

TX CH149



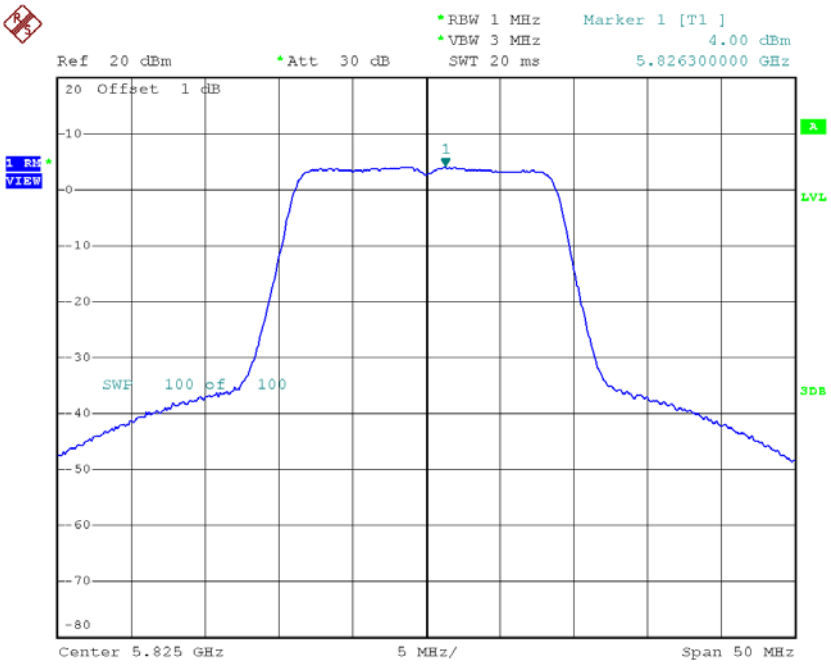
Date: 21.OCT.2016 10:49:12

TX CH157



Date: 21.OCT.2016 10:50:08

TX CH165

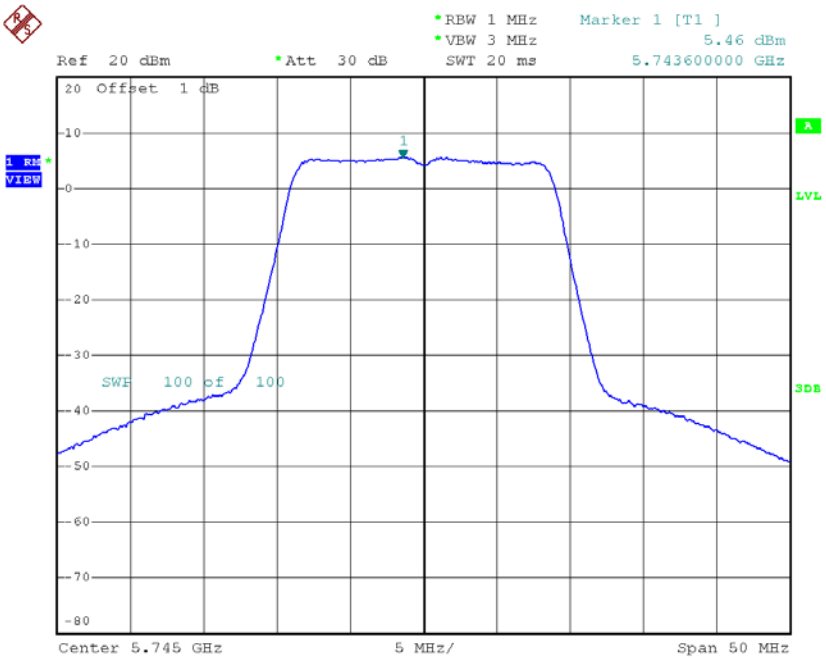


Date: 21.OCT.2016 10:50:59

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 30

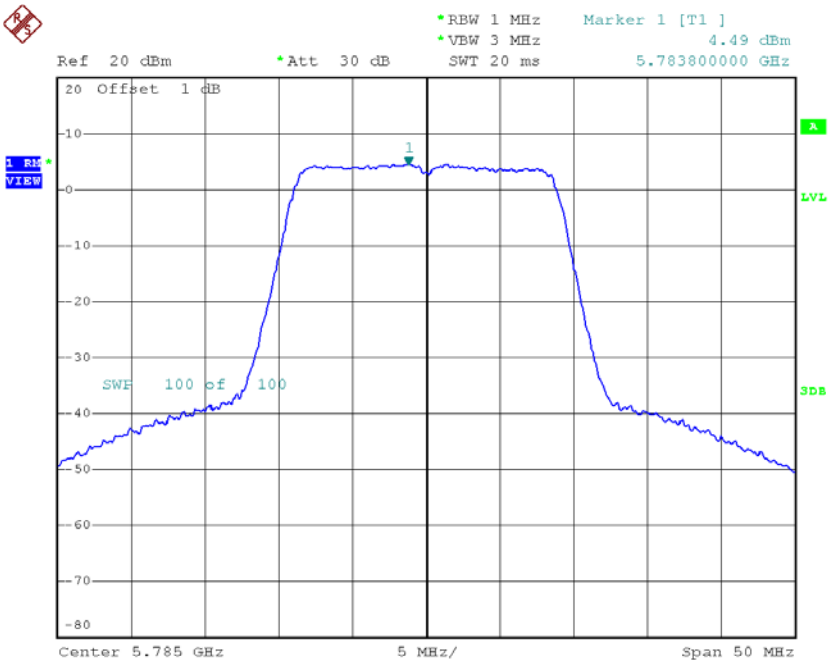
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	5.46	1.25	6.71	30.00
CH157	5785	4.49	1.25	5.74	30.00
CH165	5825	3.10	1.25	4.35	30.00

TX CH149



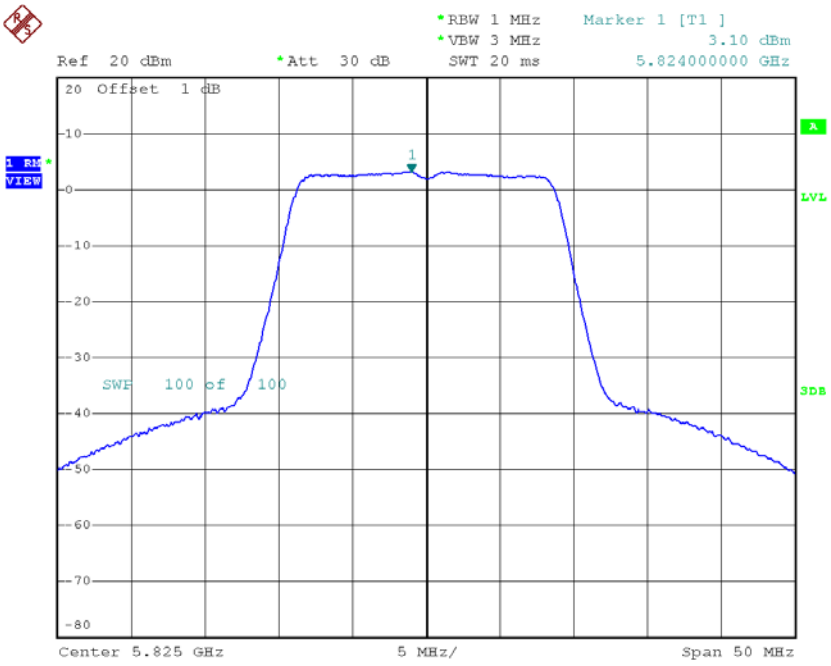
Date: 21.OCT.2016 11:14:12

TX CH157



Date: 21.OCT.2016 11:15:08

TX CH165



Date: 21.OCT.2016 11:16:00

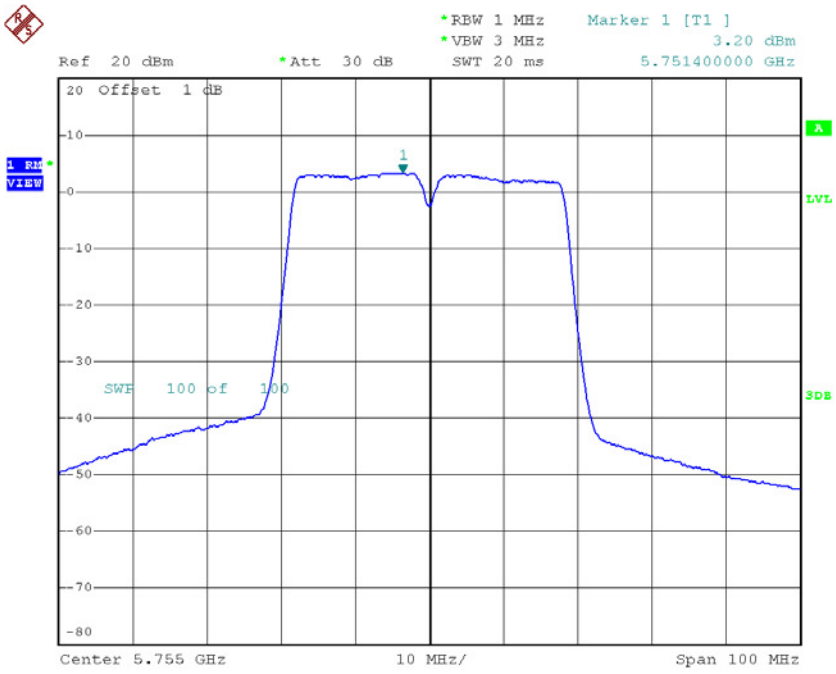
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	12.85	30.00
CH157	5785	11.98	30.00
CH165	5825	10.58	30.00

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 10

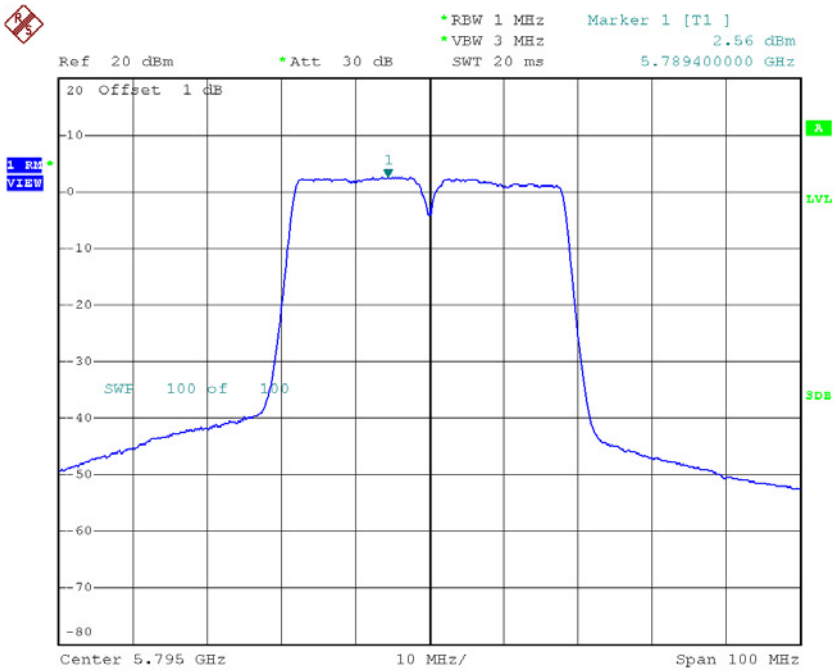
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	3.20	3.01	6.21	30.00
CH159	5795	2.56	3.01	5.57	30.00

TX CH151



Date: 21.OCT.2016 10:34:46

TX CH159

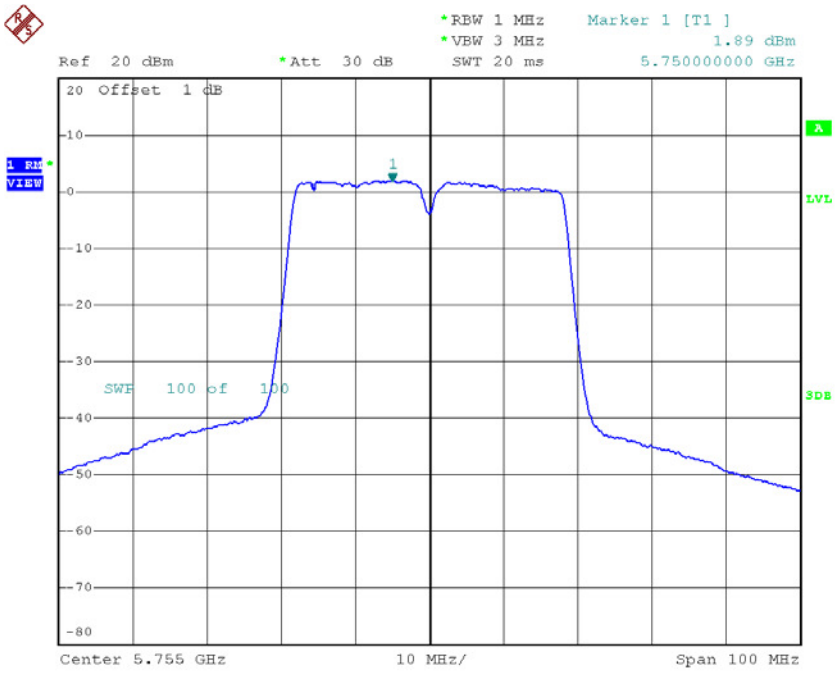


Date: 21.OCT.2016 10:35:46

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 20

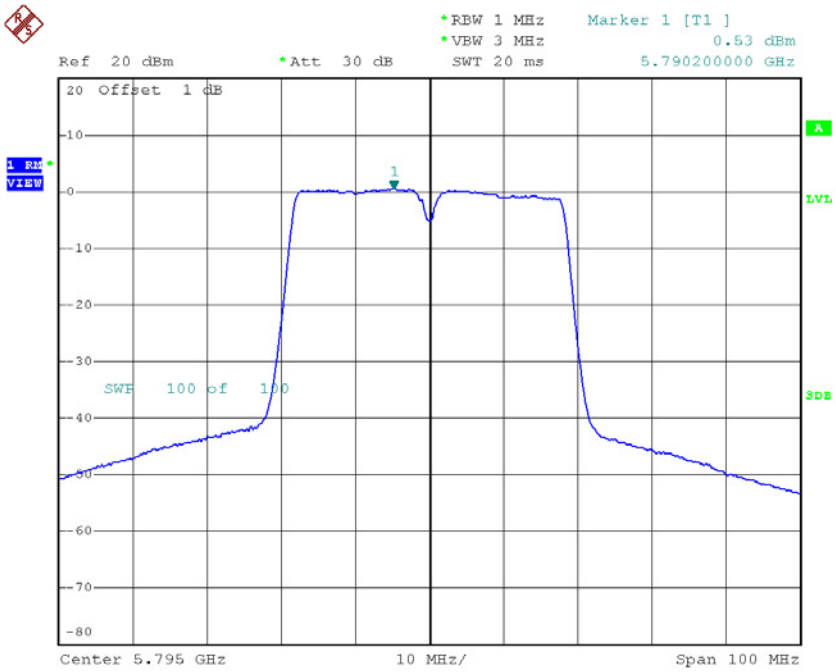
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	1.89	3.01	4.90	30.00
CH159	5795	0.53	3.01	3.54	30.00

TX CH151



Date: 21.OCT.2016 10:59:58

TX CH159

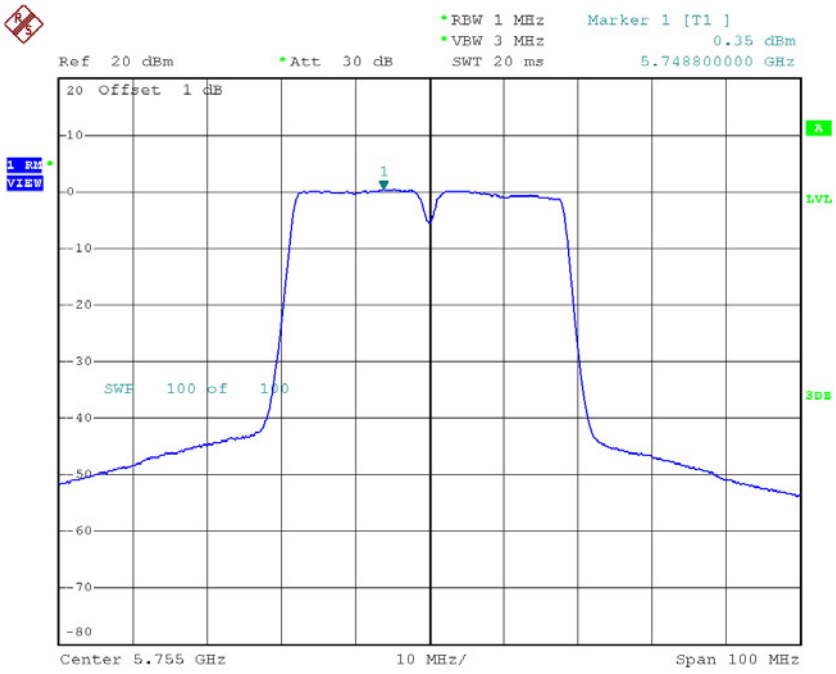


Date: 21.OCT.2016 11:00:53

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 30

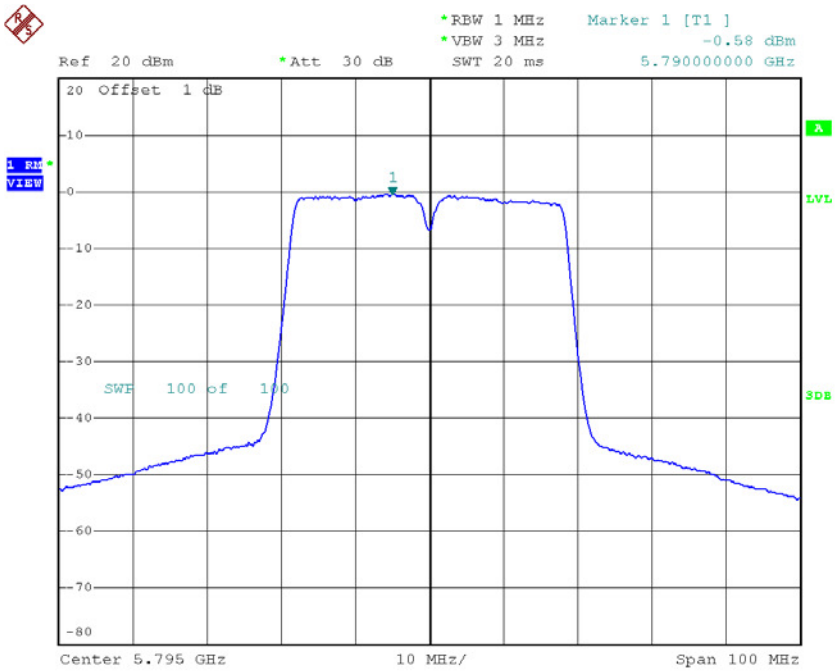
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	0.35	3.01	3.36	30.00
CH159	5795	-0.58	3.01	2.43	30.00

TX CH151



Date: 21.OCT.2016 11:23:08

TX CH159



Date: 21.OCT.2016 11:24:08

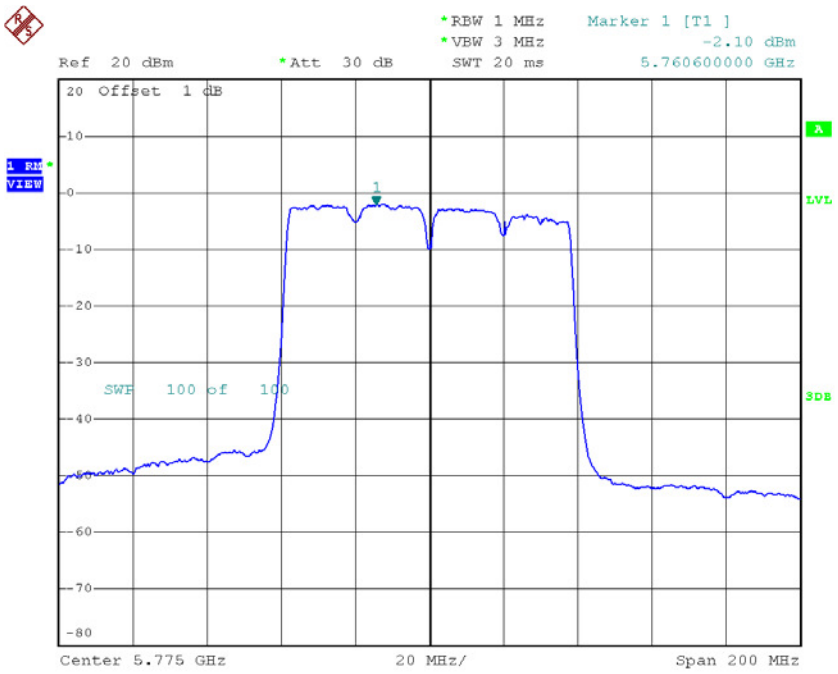
Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	9.75	30.00
CH159	5795	8.82	30.00

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 10

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-2.10	4.77	2.67	30.00

TX CH155

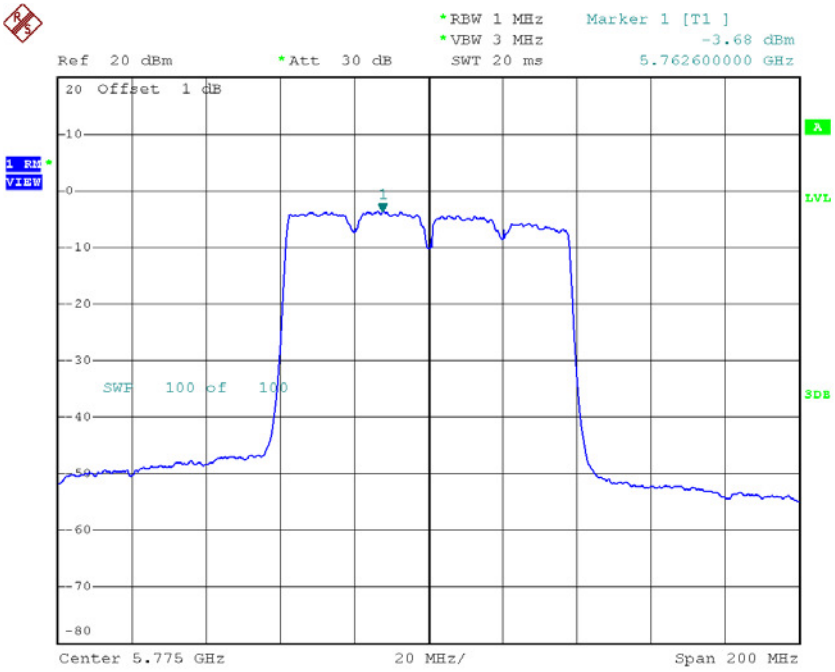


Date: 21.OCT.2016 10:37:58

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 20

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-3.68	4.77	1.09	30.00

TX CH155

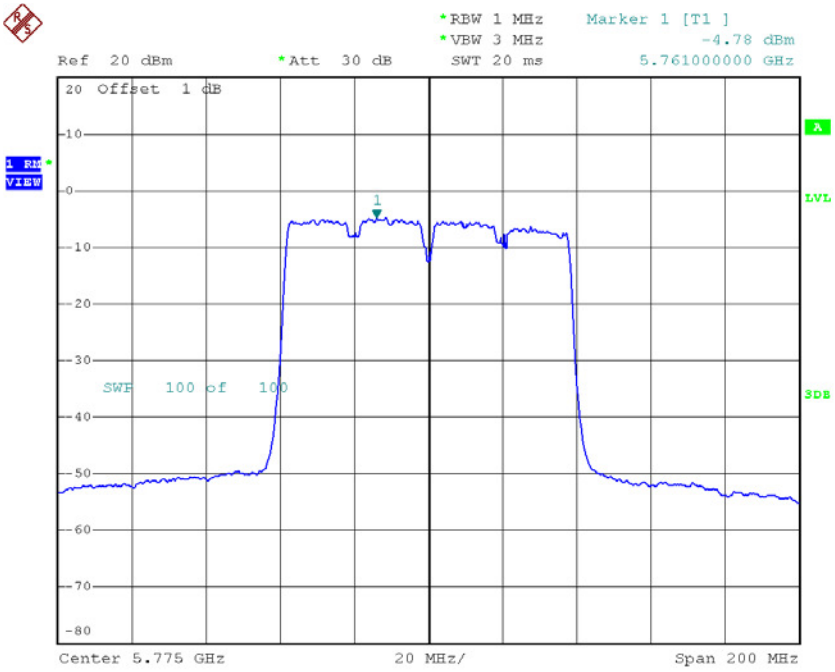


Date: 21.OCT.2016 11:04:01

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 30

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-4.78	4.77	-0.01	30.00

TX CH155



Date: 21.OCT.2016 11:26:10

Test Mode: UNII-3/ TX AC80 Mode_CH155_Total			
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	6.16	30.00

ATTACHMENT H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9996
120	5179.9996
108	5179.9996
Max. Deviation (MHz)	0.0004
Max. Deviation (ppm)	0.0772

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5179.9996
5	5179.9996
15	5179.9996
25	5179.9996
35	5179.9992
45	5179.9992
50	5179.9992
Max. Deviation (MHz)	0.0008
Max. Deviation (ppm)	0.1544

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9972
120	5744.9968
108	5744.9968
Max. Deviation (MHz)	0.0032
Max. Deviation (ppm)	0.5570

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5744.9972
5	5744.9972
15	5744.9972
25	5744.9972
35	5744.9976
45	5744.9976
50	5744.9976
Max. Deviation (MHz)	0.0028
Max. Deviation (ppm)	0.4874