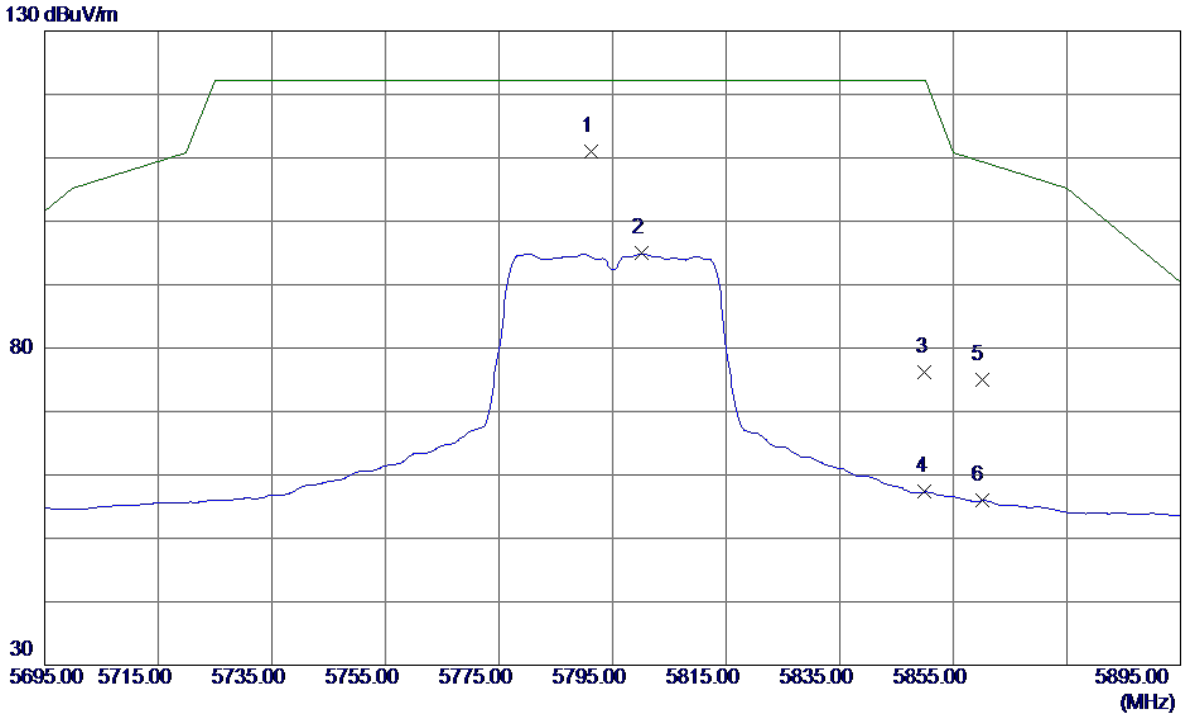
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

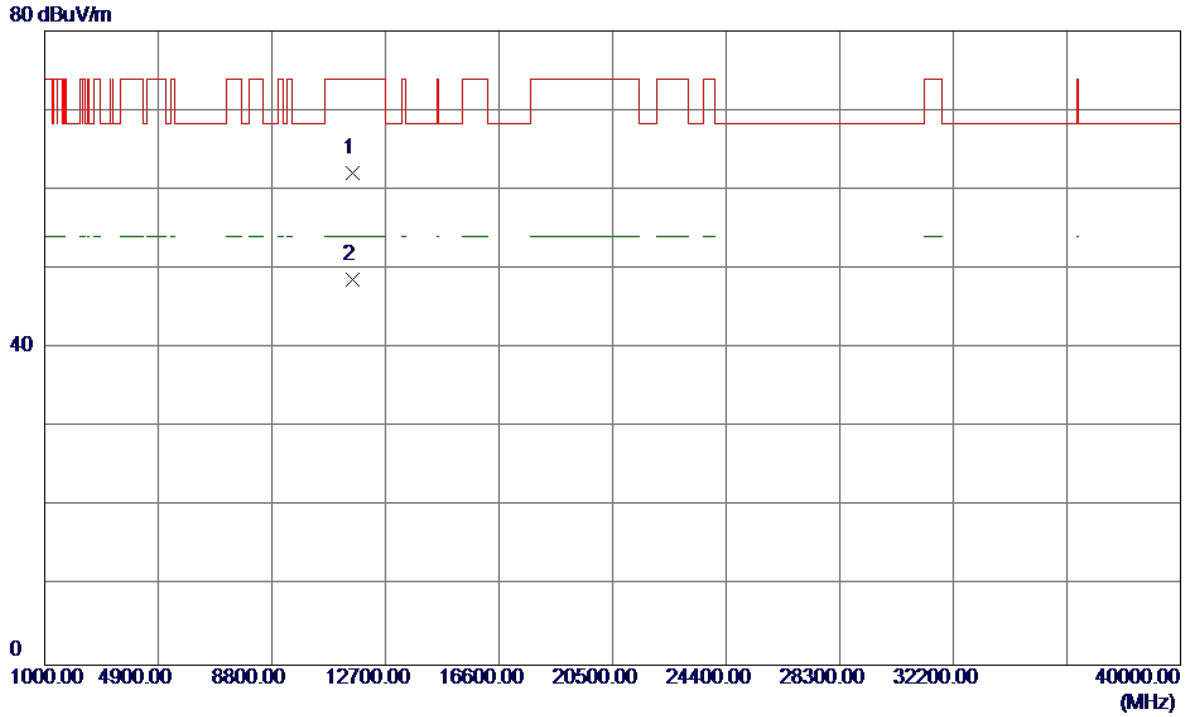
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5791.2000	67.34	43.76	111.10	122.20	-11.10	Peak	
2	5800.2000	51.11	43.79	94.90	122.20	-27.30	AVG	
3	5850.0000	32.17	43.94	76.11	122.20	-46.09	Peak	
4	5850.0000	13.37	43.94	57.31	122.20	-64.89	AVG	
5	5860.0000	30.96	43.97	74.93	109.40	-34.47	Peak	
6	5860.0000	11.96	43.97	55.93	109.40	-53.47	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

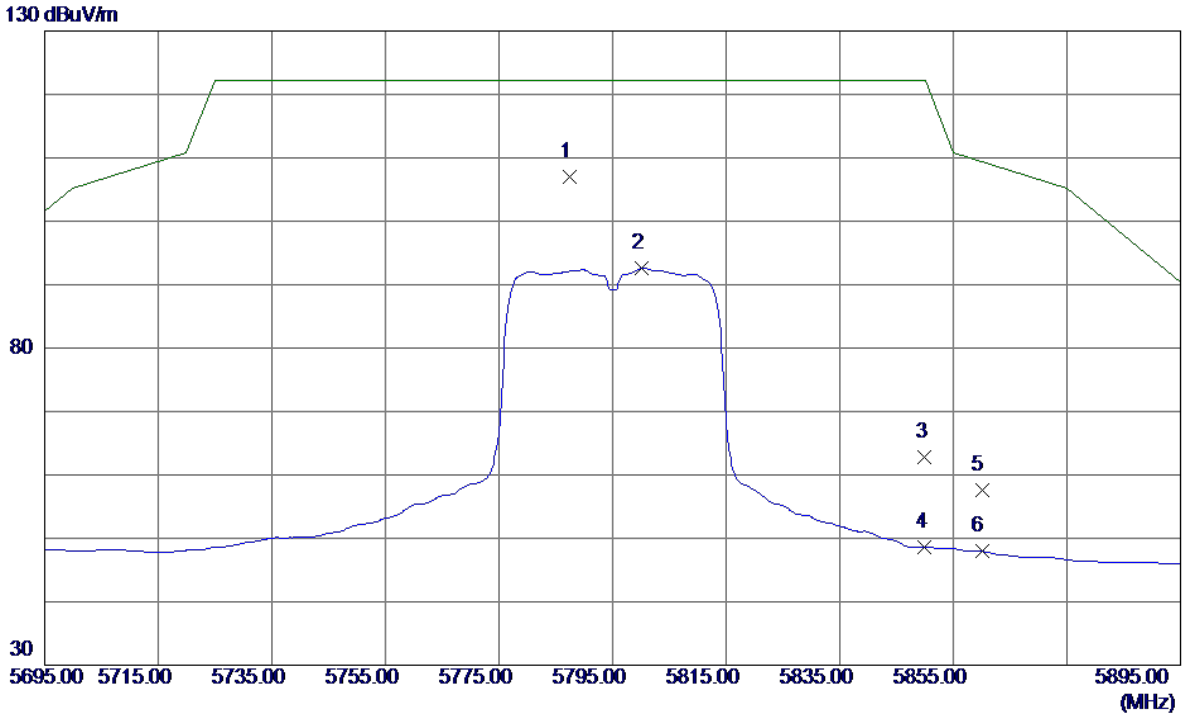
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11586.5400	44.25	17.83	62.08	74.00	-11.92	Peak	
2 *	11592.2200	30.81	17.83	48.64	54.00	-5.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

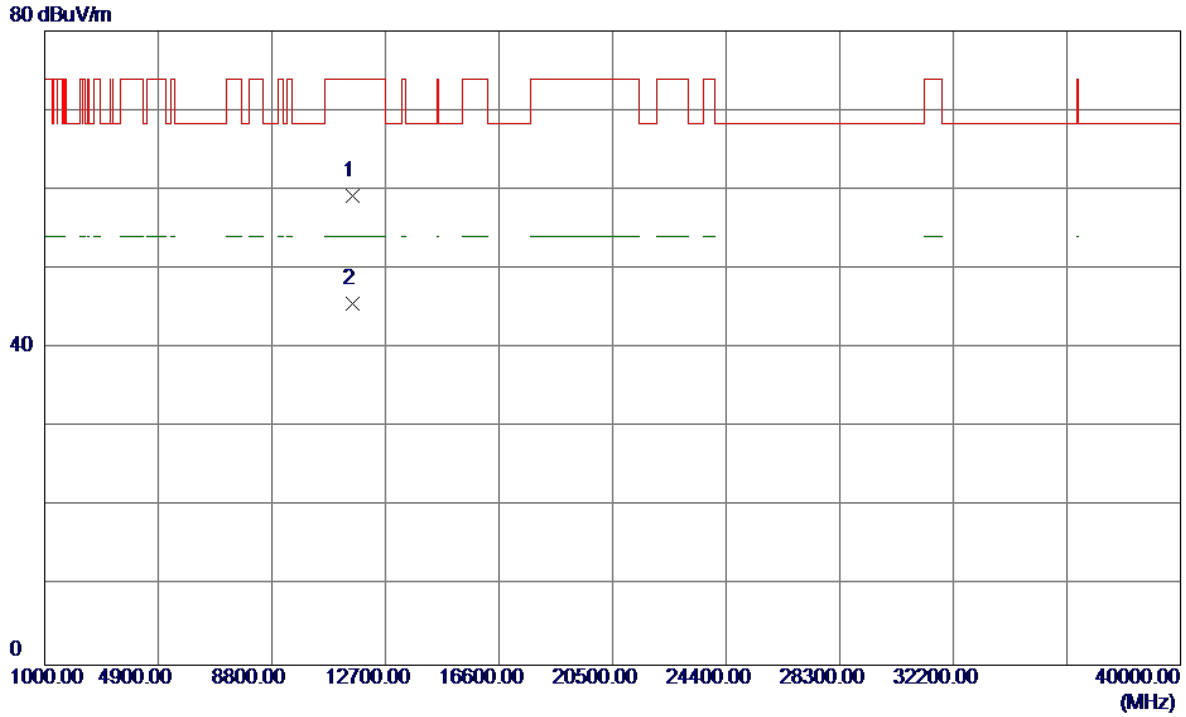
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5787.4000	63.32	43.75	107.07	122.20	-15.13	Peak	
2	5800.2000	48.81	43.79	92.60	122.20	-29.60	AVG	
3	5850.0000	18.84	43.94	62.78	122.20	-59.42	Peak	
4	5850.0000	4.74	43.94	48.68	122.20	-73.52	AVG	
5	5860.0000	13.56	43.97	57.53	109.40	-51.87	Peak	
6	5860.0000	3.98	43.97	47.95	109.40	-61.45	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

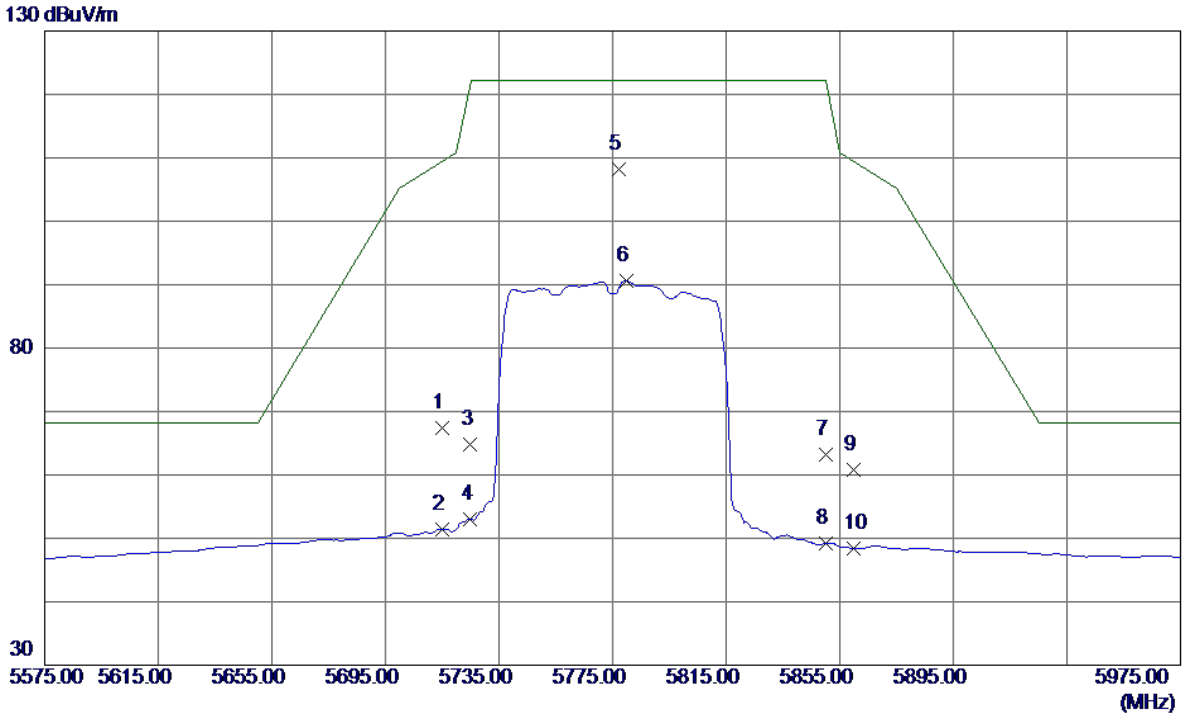
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11586.4600	41.44	17.83	59.27	74.00	-14.73	Peak	
2 *	11589.1200	27.83	17.83	45.66	54.00	-8.34	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

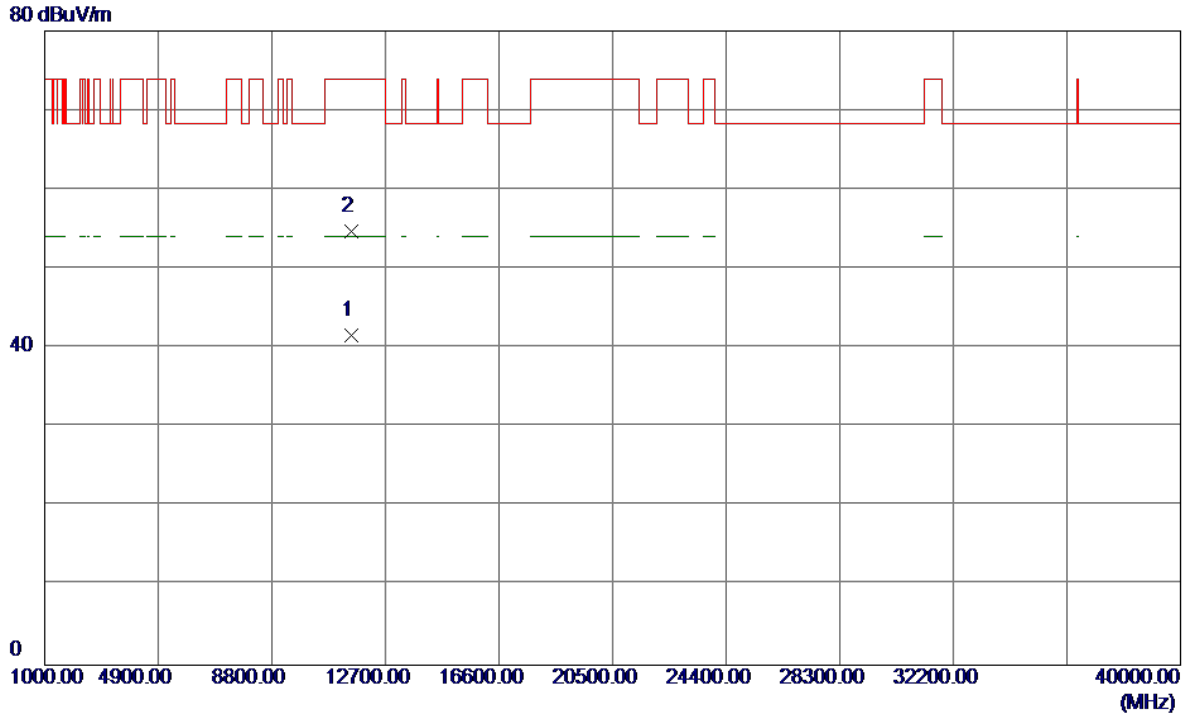
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.83	43.53	67.36	109.40	-42.04	Peak	
2	5715.0000	7.88	43.53	51.41	109.40	-57.99	AVG	
3	5725.0000	21.19	43.56	64.75	122.20	-57.45	Peak	
4	5725.0000	9.52	43.56	53.08	122.20	-69.12	AVG	
5 *	5777.4000	64.53	43.72	108.25	122.20	-13.95	Peak	
6	5779.8000	46.84	43.72	90.56	122.20	-31.64	AVG	
7	5850.0000	19.27	43.94	63.21	122.20	-58.99	Peak	
8	5850.0000	5.25	43.94	49.19	122.20	-73.01	AVG	
9	5860.0000	16.75	43.97	60.72	109.40	-48.68	Peak	
10	5860.0000	4.49	43.97	48.46	109.40	-60.94	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

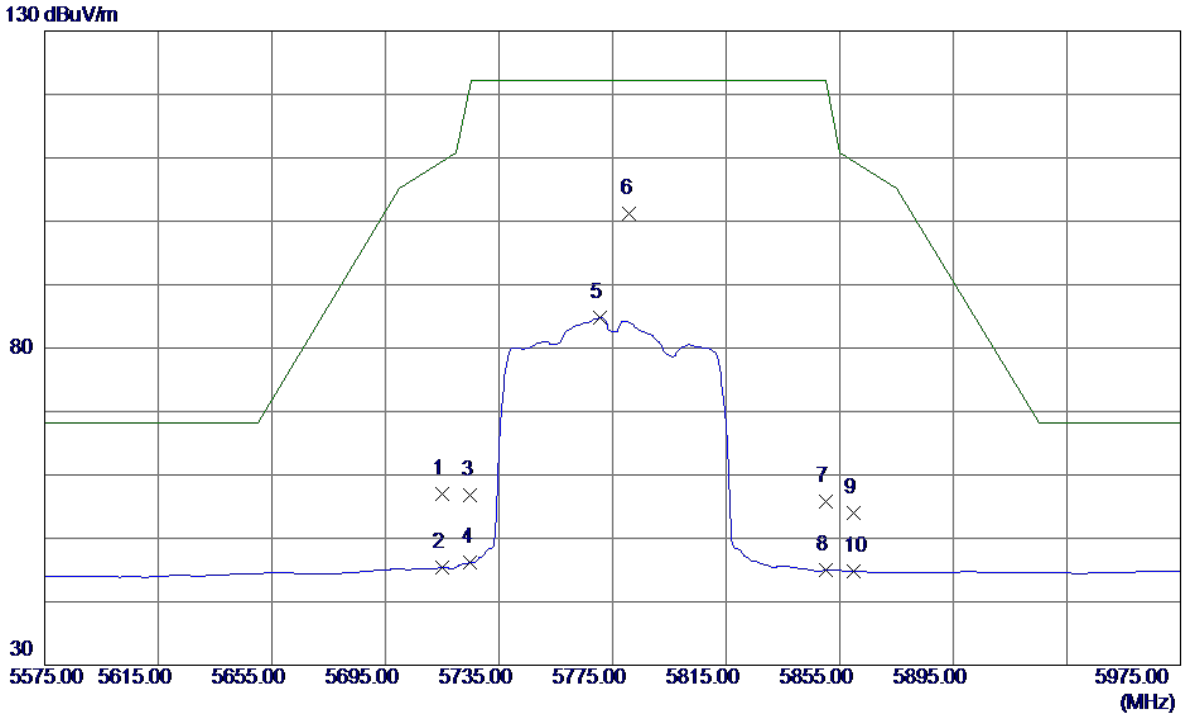
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11550.0350	23.86	17.81	41.67	54.00	-12.33	AVG	
2	11550.8350	36.92	17.81	54.73	74.00	-19.27	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

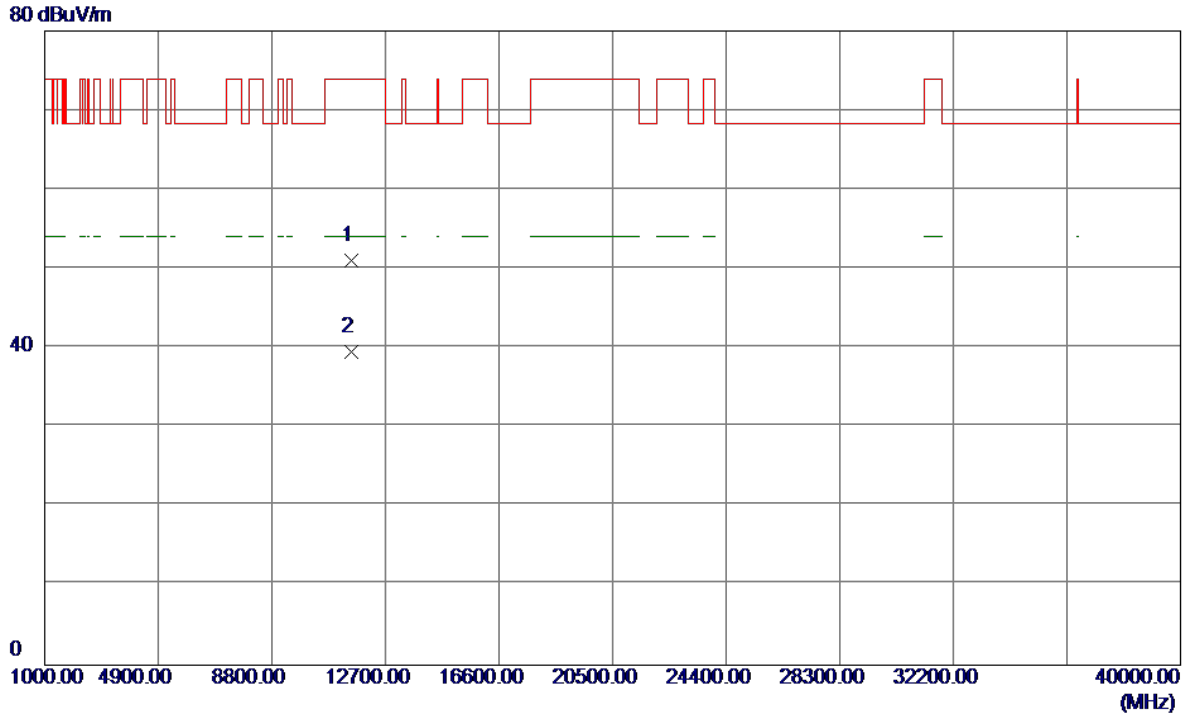
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.56	43.53	57.09	109.40	-52.31	Peak	
2	5715.0000	1.81	43.53	45.34	109.40	-64.06	AVG	
3	5725.0000	13.22	43.56	56.78	122.20	-65.42	Peak	
4	5725.0000	2.65	43.56	46.21	122.20	-75.99	AVG	
5	5770.6000	41.04	43.70	84.74	122.20	-37.46	AVG	
6 *	5781.0000	57.38	43.73	101.11	122.20	-21.09	Peak	
7	5850.0000	11.83	43.94	55.77	122.20	-66.43	Peak	
8	5850.0000	1.02	43.94	44.96	122.20	-77.24	AVG	
9	5860.0000	9.95	43.97	53.92	109.40	-55.48	Peak	
10	5860.0000	0.79	43.97	44.76	109.40	-64.64	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11550.2050	33.23	17.81	51.04	74.00	-22.96	Peak	
2 *	11551.6350	21.68	17.81	39.49	54.00	-14.51	AVG	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

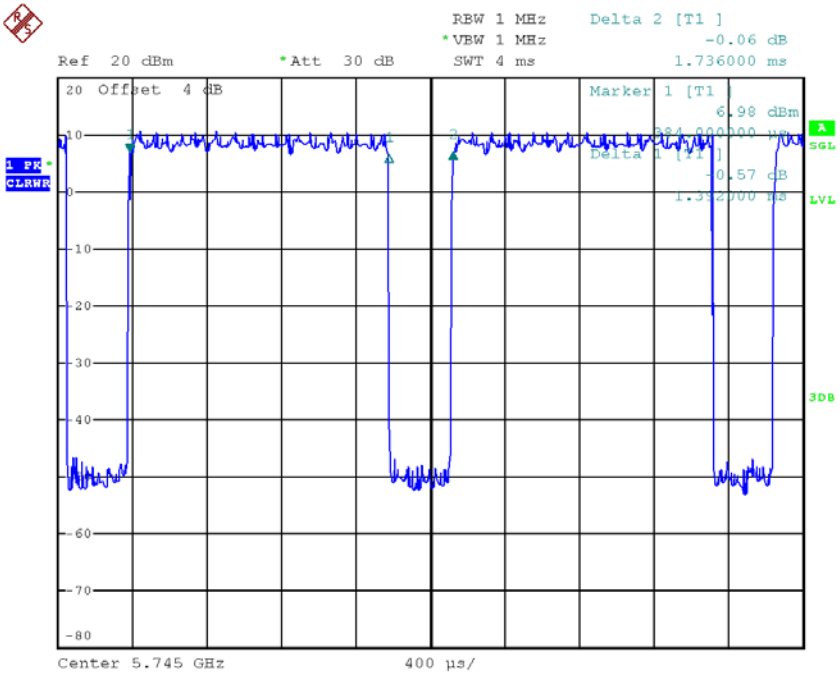
T_{ON}: 1.39 msec

T_{Total}: 1.74 msec

Duty cycle: 79.89%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.98



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not 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 N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

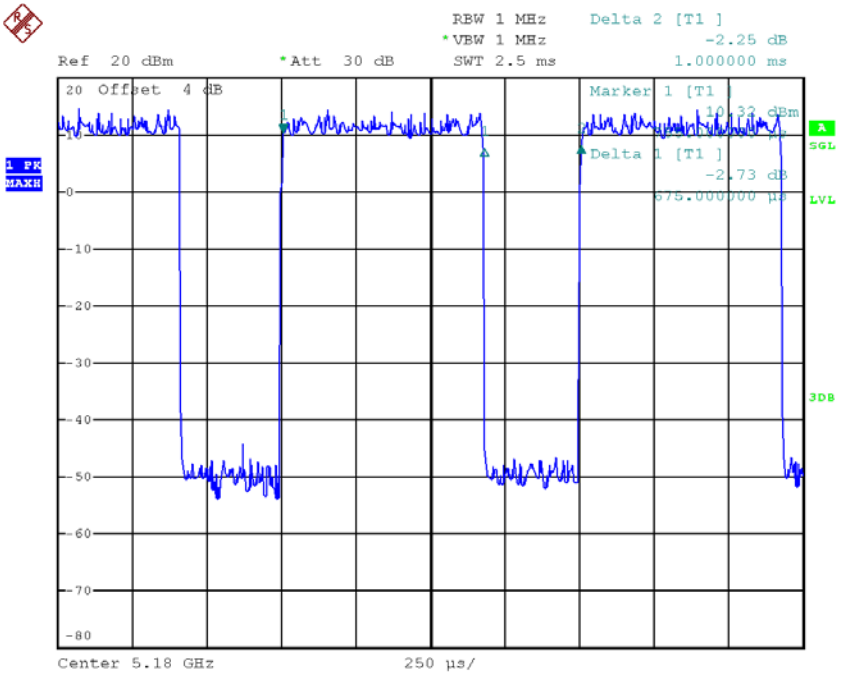
T_{ON}: 0.68 msec

T_{Total}: 1.00 msec

Duty cycle: 68.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.67



Date: 5.JAN.2003 08:50:41

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not 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

Duty cycle: TX DUTYMHz

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

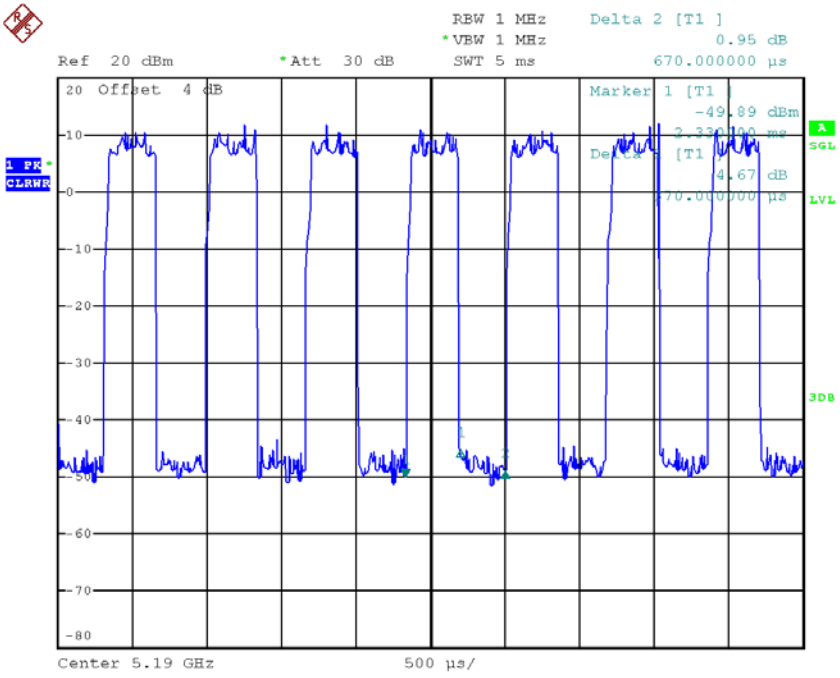
T_{ON}: 0.37 msec

T_{Total}: 0.67 msec

Duty cycle: 55.22%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 2.58



Date: 9.NOV.2017 09:11:26

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not 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}

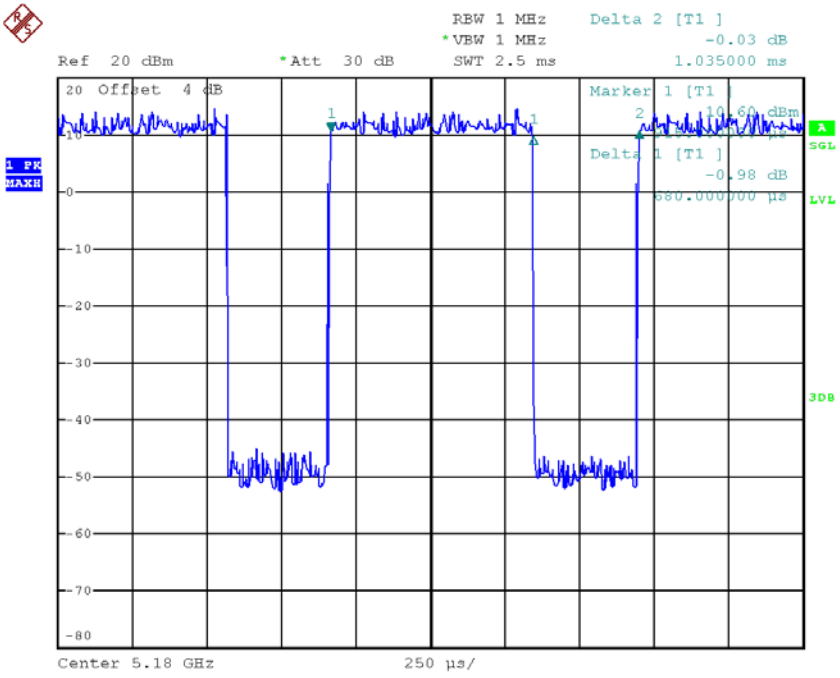
T_{ON}: 0.68 msec

T_{Total}: 1.03 msec

Duty cycle: 66.02%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.80



Date: 5.JAN.2003 08:37:28

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not 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}

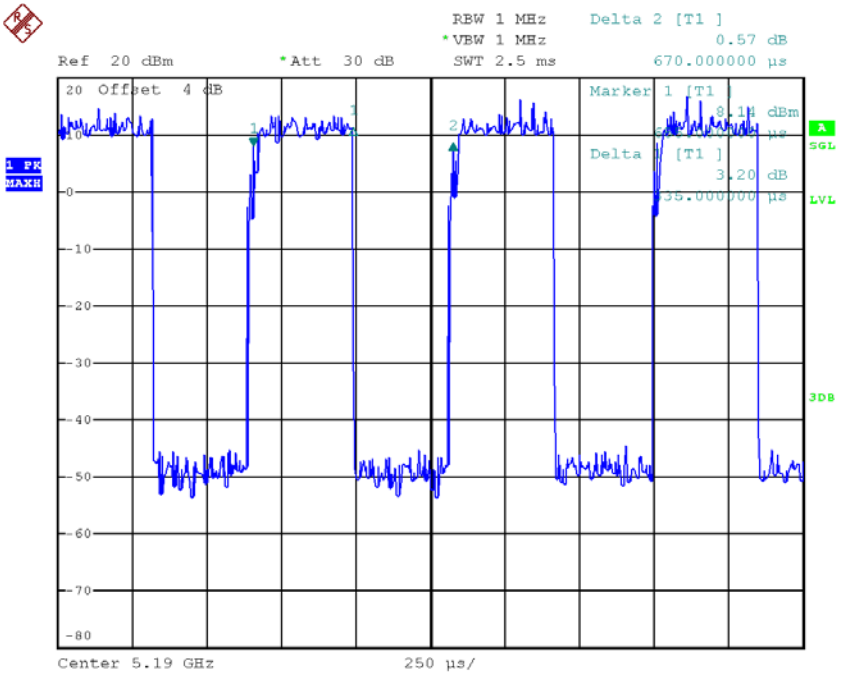
T_{ON}: 0.34 msec

T_{Total}: 0.67 msec

Duty cycle: 50.75%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 2.95



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not 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

Duty cycle: TX DUTYMHz

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

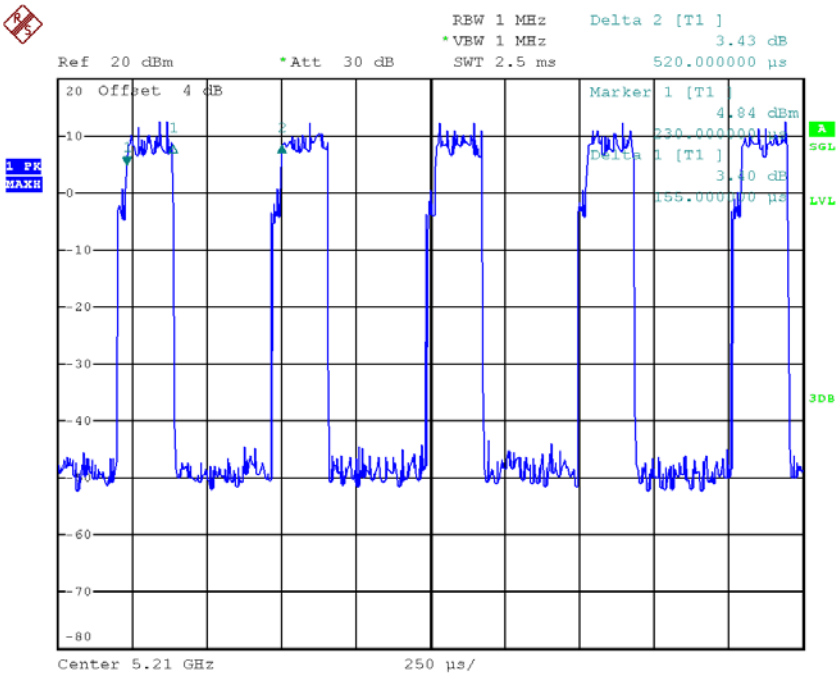
T_{ON}: 0.16 msec

T_{Total}: 0.52 msec

Duty cycle: 30.77%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 5.12



Date: 5.JAN.2003 09:55:32

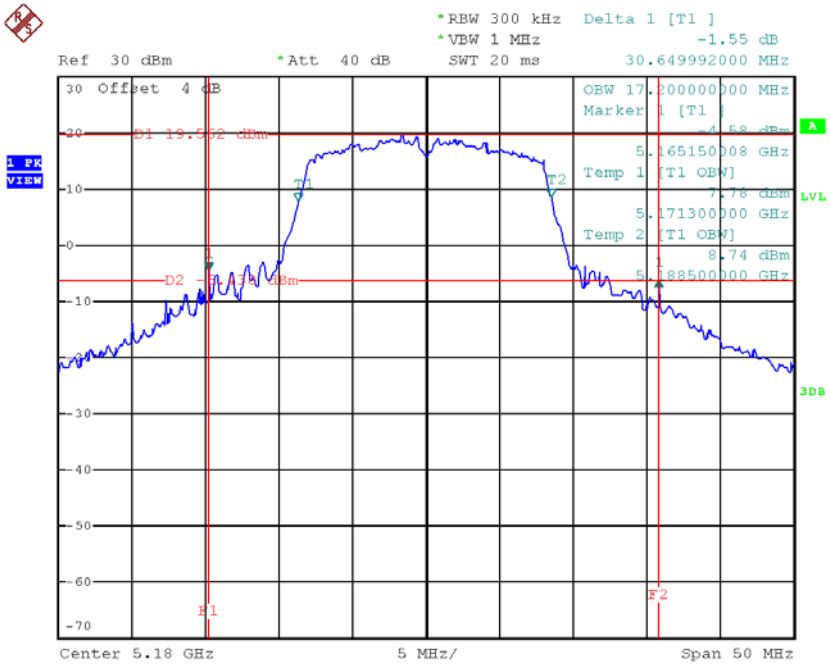
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

APPENDIX E - BANDWIDTH

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

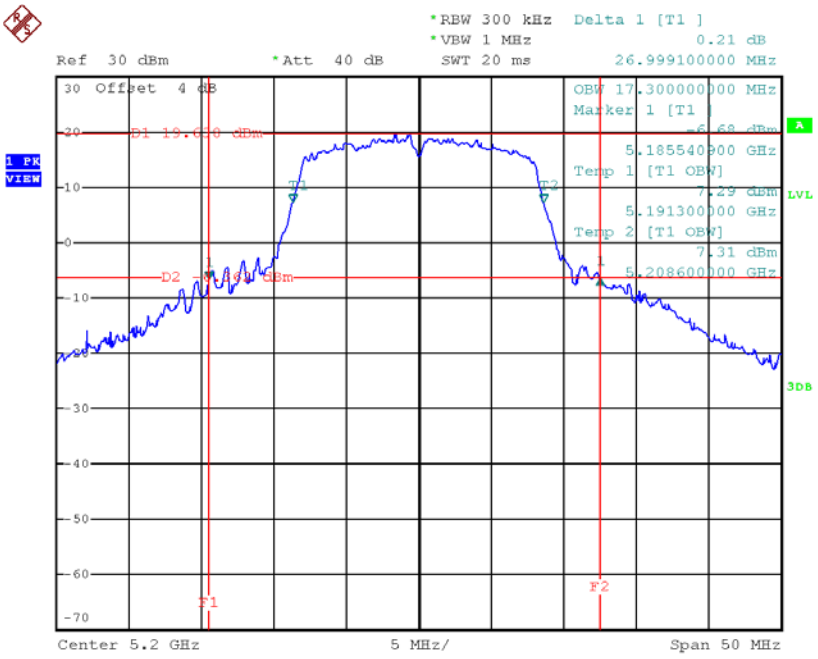
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	30.65	17.20
CH40	5200	27.00	17.30
CH48	5240	28.79	17.30

TX CH36



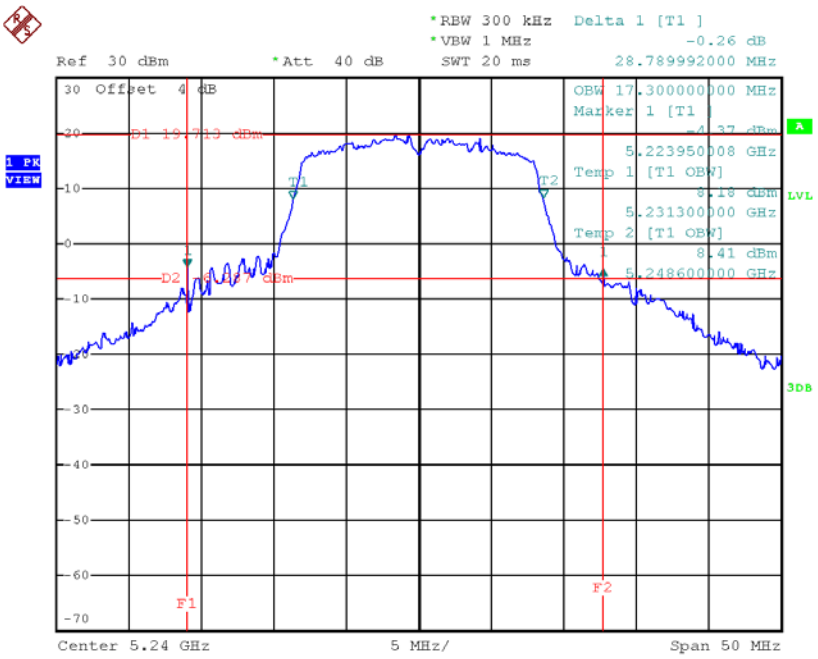
Date: 5.JAN.2003 05:49:09

TX CH40



Date: 5.JAN.2003 05:53:48

TX CH48

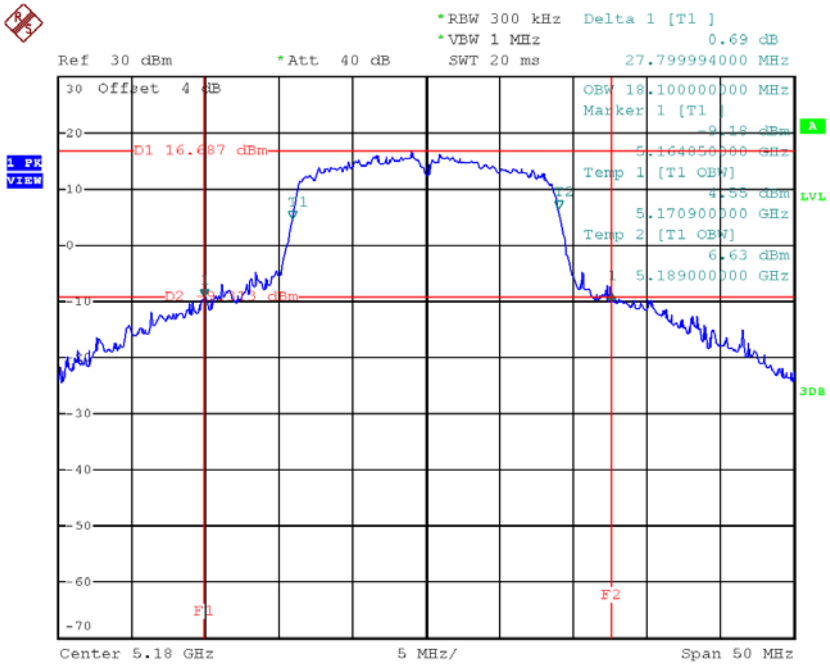


Date: 5.JAN.2003 05:54:29

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

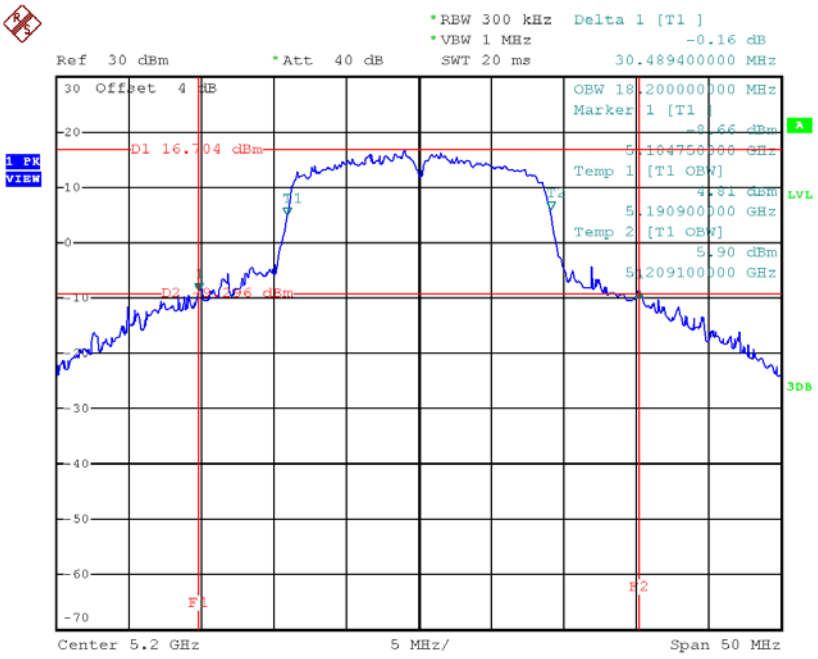
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	27.80	18.10
CH40	5200	30.49	18.20
CH48	5240	31.19	18.30

TX CH36



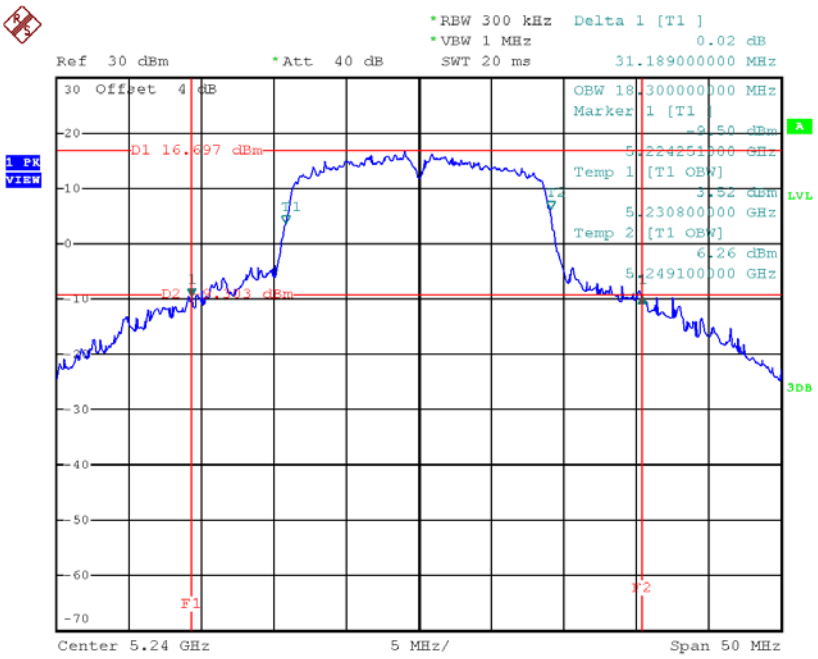
Date: 5.JAN.2003 08:49:27

TX CH40



Date: 5.JAN.2003 08:51:28

TX CH48

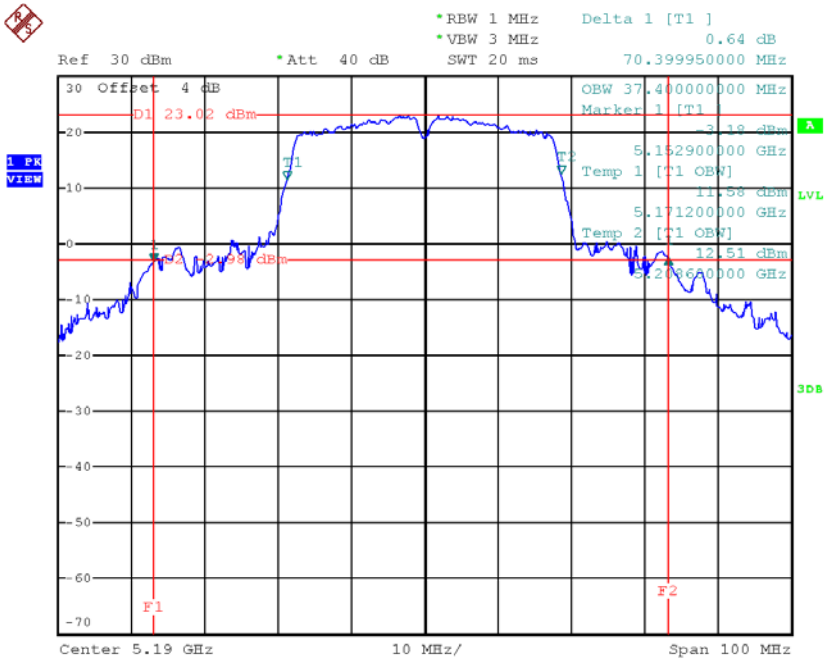


Date: 5.JAN.2003 08:52:25

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

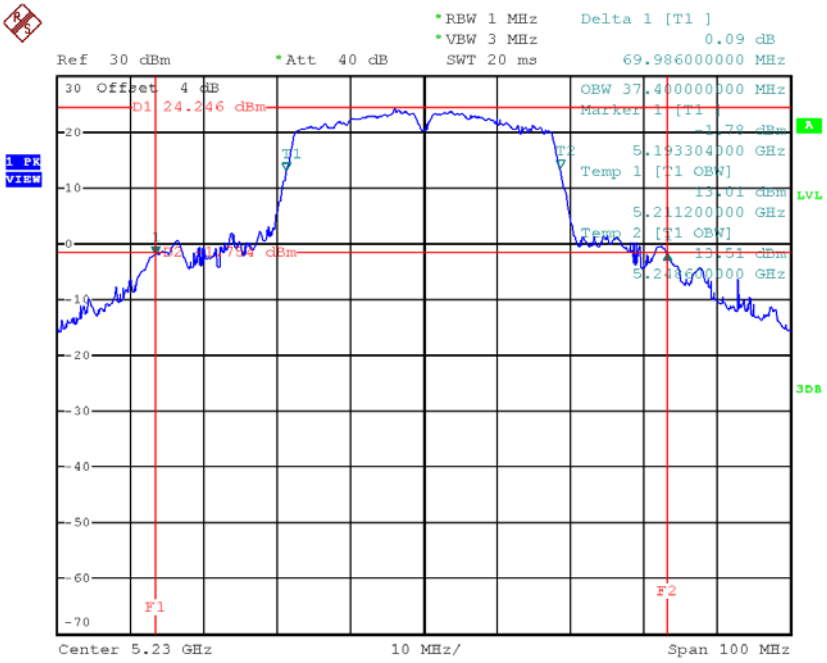
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	70.40	37.40
CH46	5230	69.99	37.40

TX CH38



Date: 5.JAN.2003 06:45:03

TX CH46

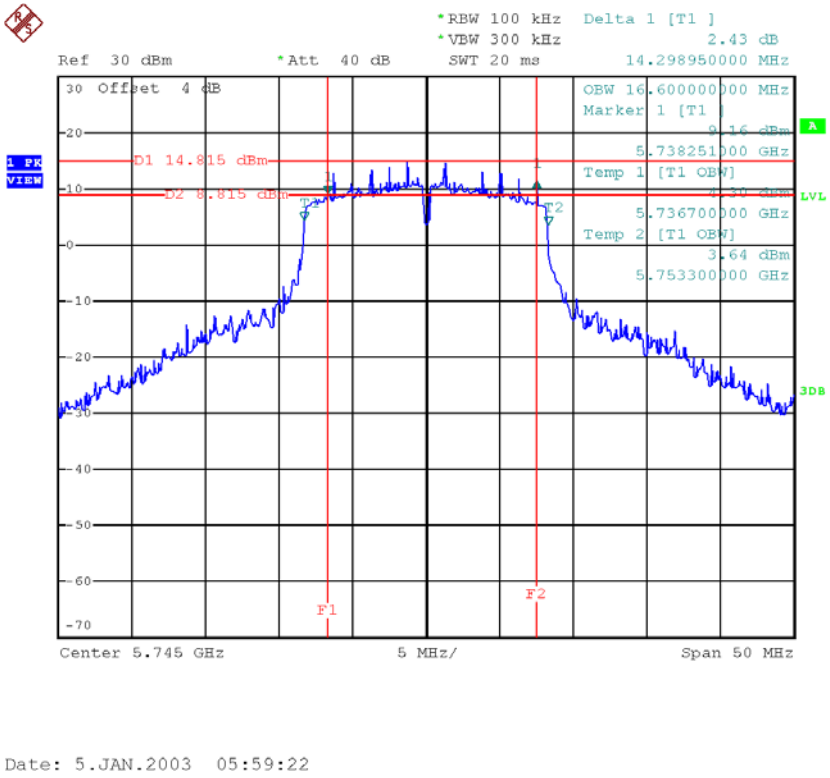


Date: 1.NOV.2017 11:58:15

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

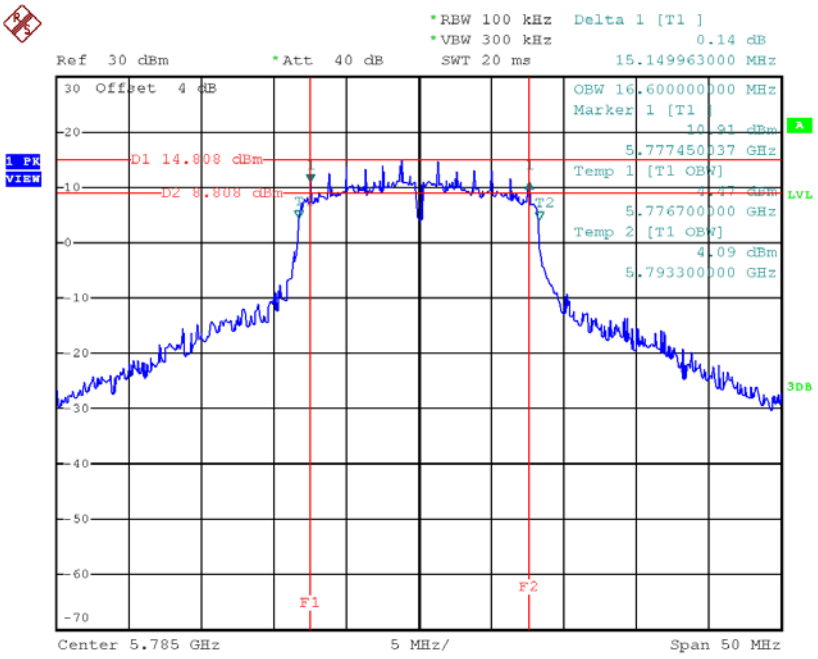
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	14.30	16.60	>=500
CH157	5785	15.15	16.60	>=500
CH165	5825	15.15	16.50	>=500

TX CH 149



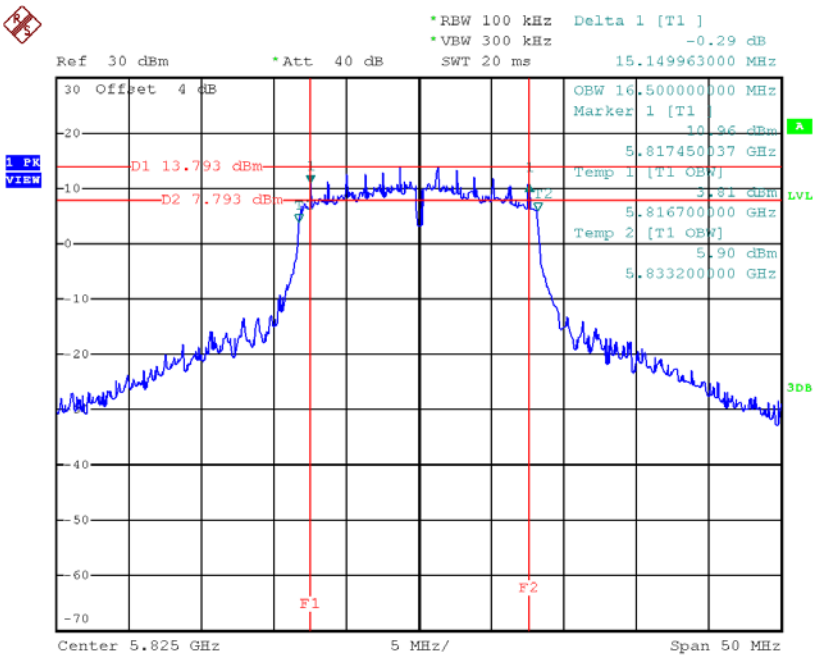
Date: 5.JAN.2003 05:59:22

TX CH 157



Date: 5.JAN.2003 06:10:09

TX CH 165

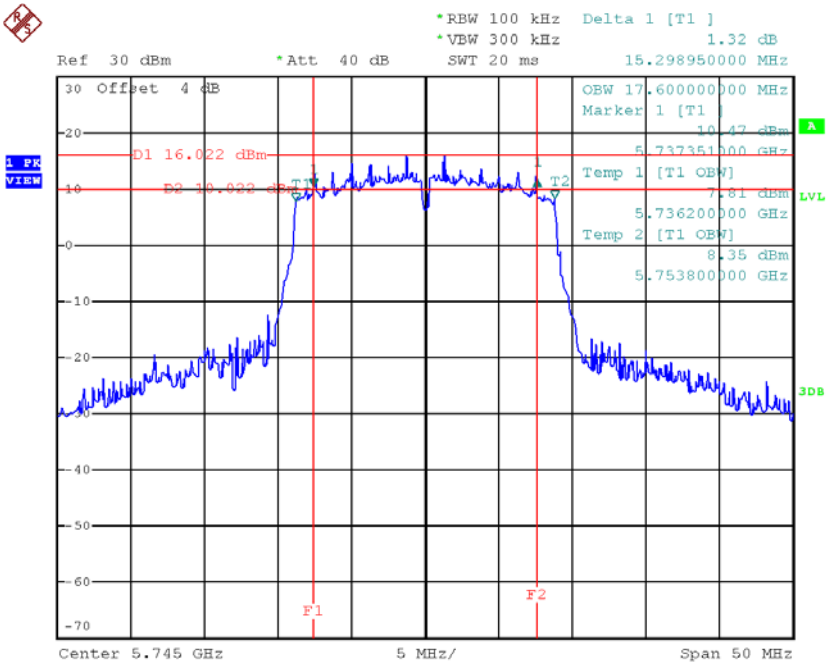


Date: 5.JAN.2003 06:11:39

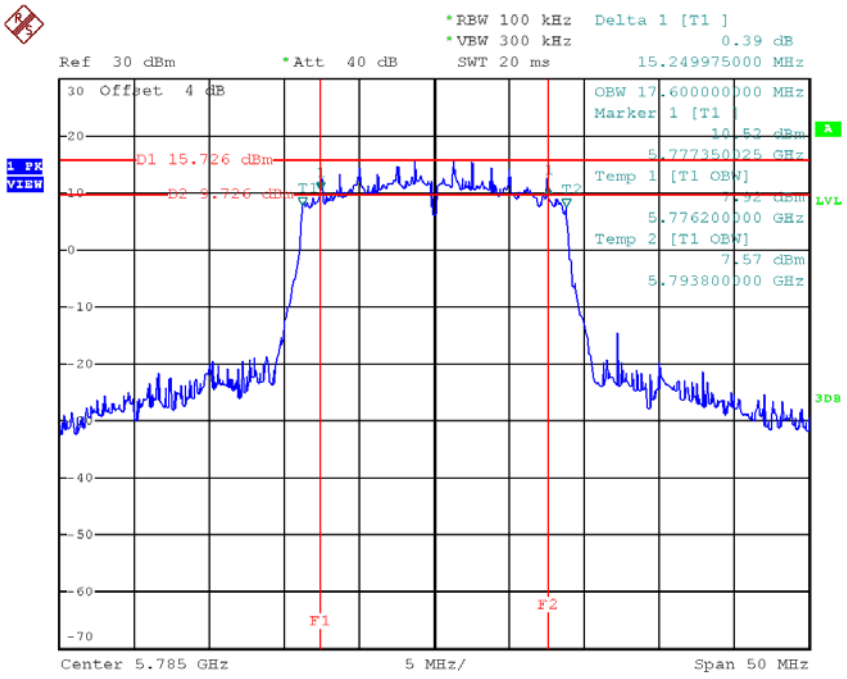
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	15.30	17.60	>=500
CH157	5785	15.25	17.60	>=500
CH165	5825	15.15	17.60	>=500

TX CH 149

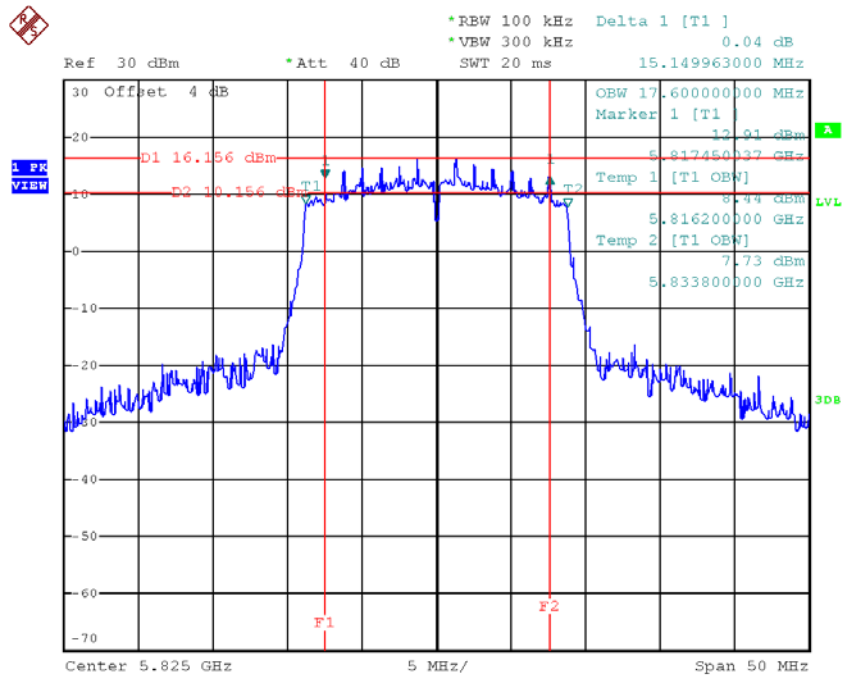


TX CH 157



Date: 5.JAN.2003 08:55:20

TX CH 165

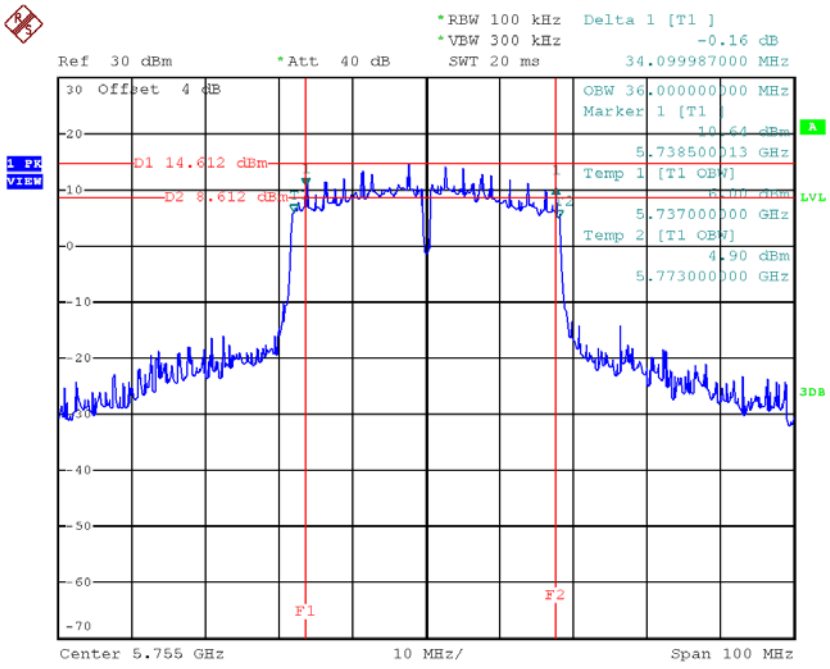


Date: 5.JAN.2003 08:56:14

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

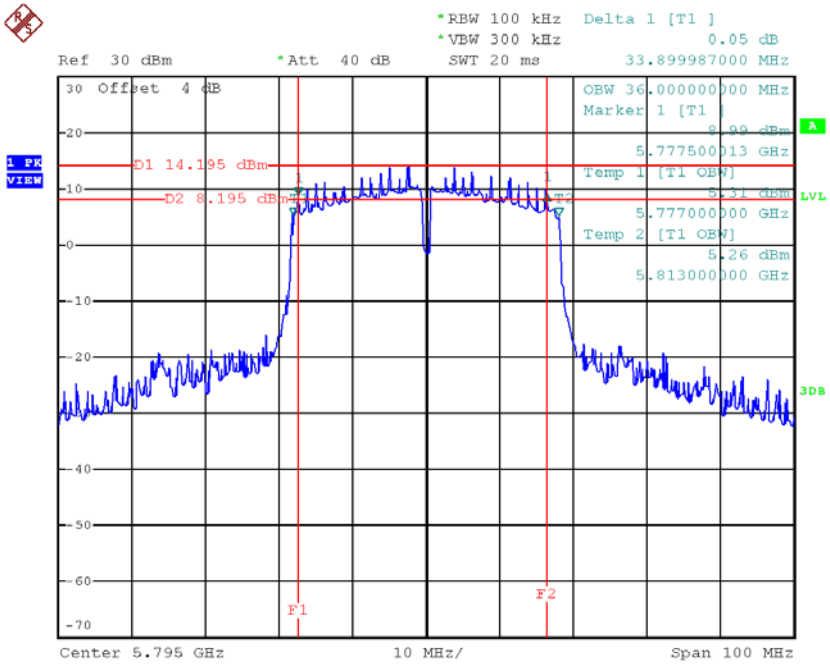
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	34.10	36.00	>=500
CH159	5795	33.90	36.00	>=500

TX CH 151



Date: 5.JAN.2003 09:02:16

TX CH 159

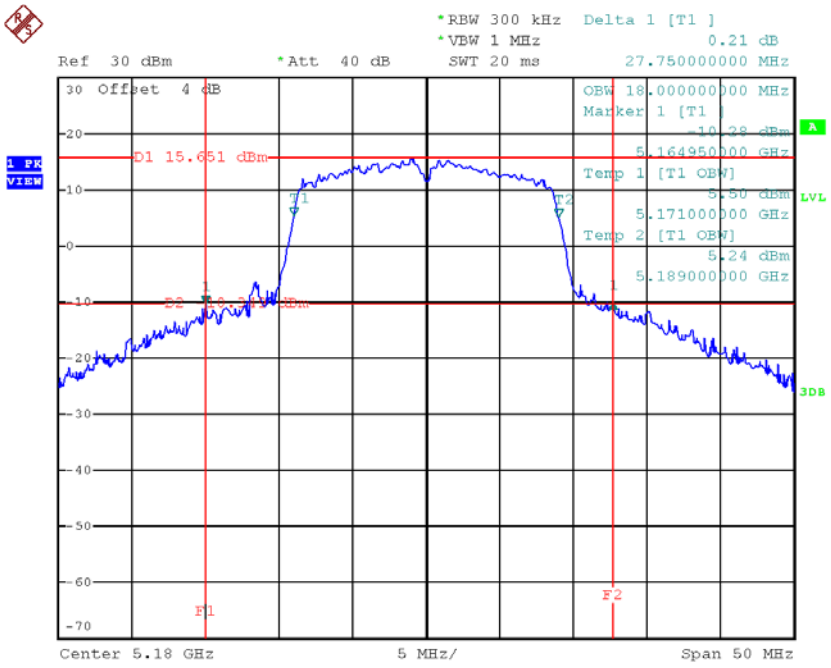


Date: 5.JAN.2003 09:03:21

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

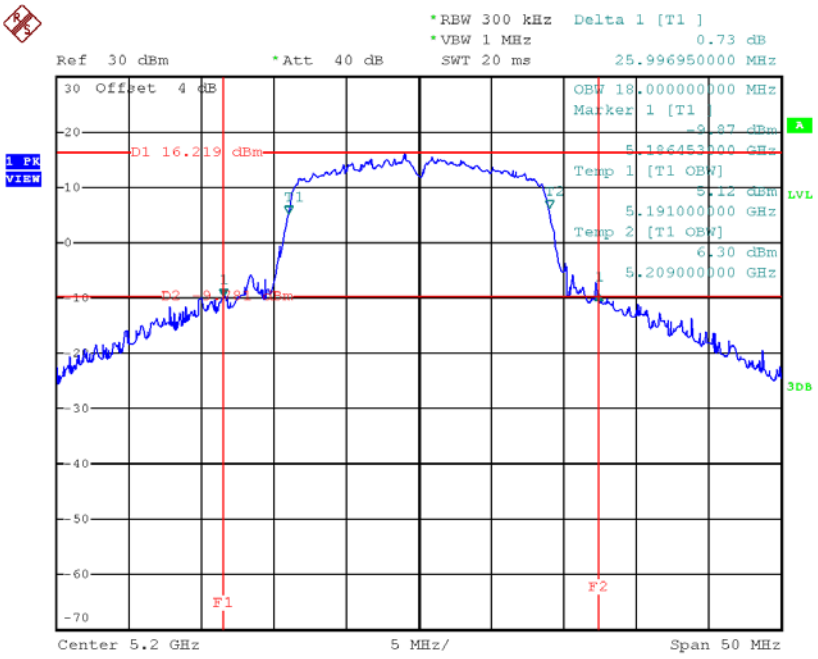
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	27.75	18.00
CH40	5200	26.00	18.00
CH48	5240	26.81	18.10

TX CH36



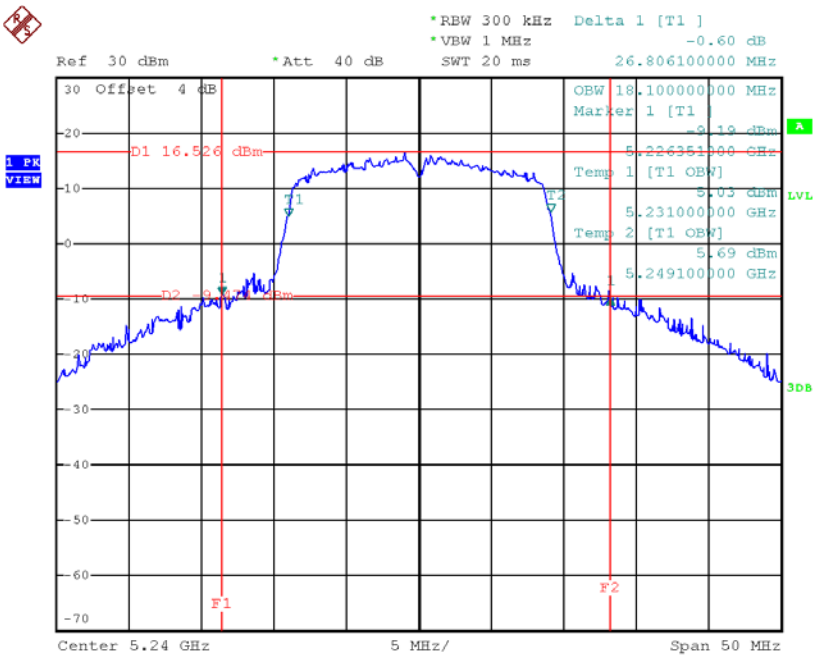
Date: 5.JAN.2003 08:35:18

TX CH40



Date: 5.JAN.2003 08:38:34

TX CH48

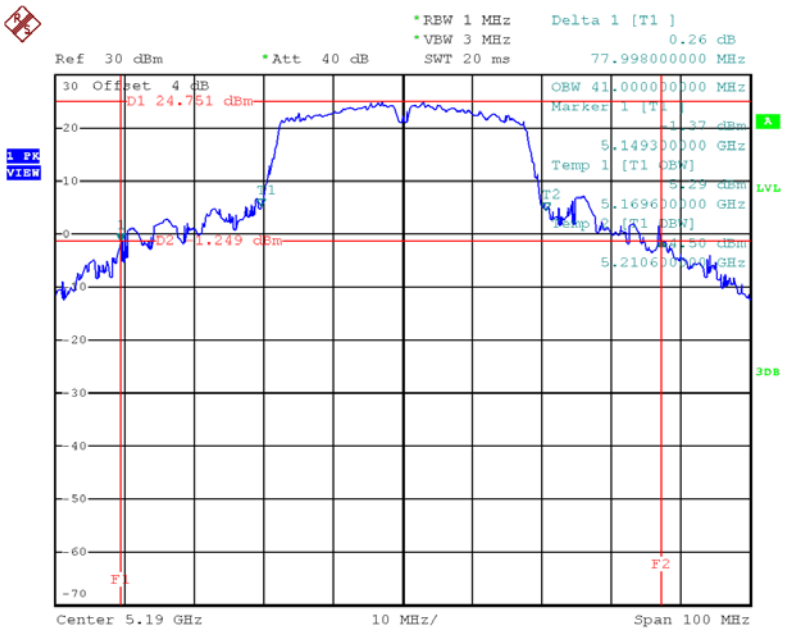


Date: 5.JAN.2003 08:41:58

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

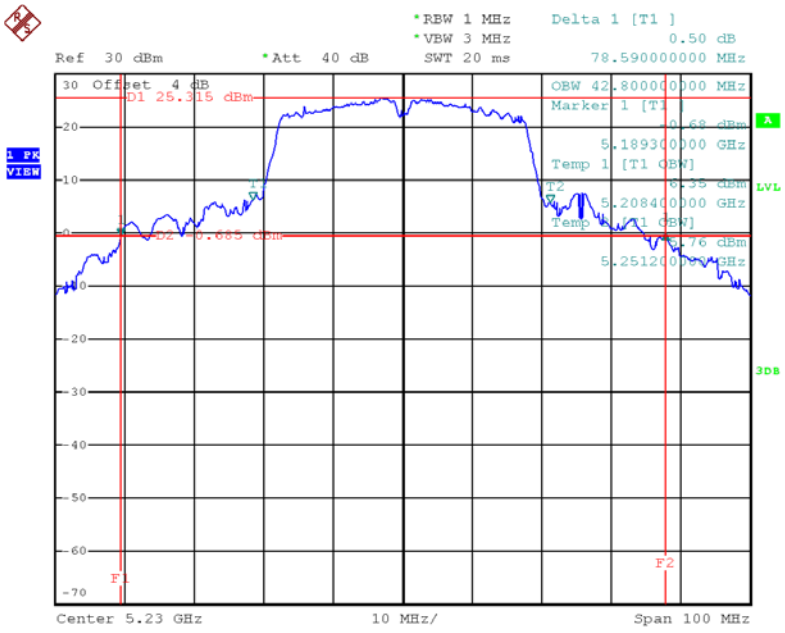
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	78.00	41.00
CH46	5230	78.59	42.80

TX CH38



Date: 1.NOV.2017 14:24:09

TX CH46

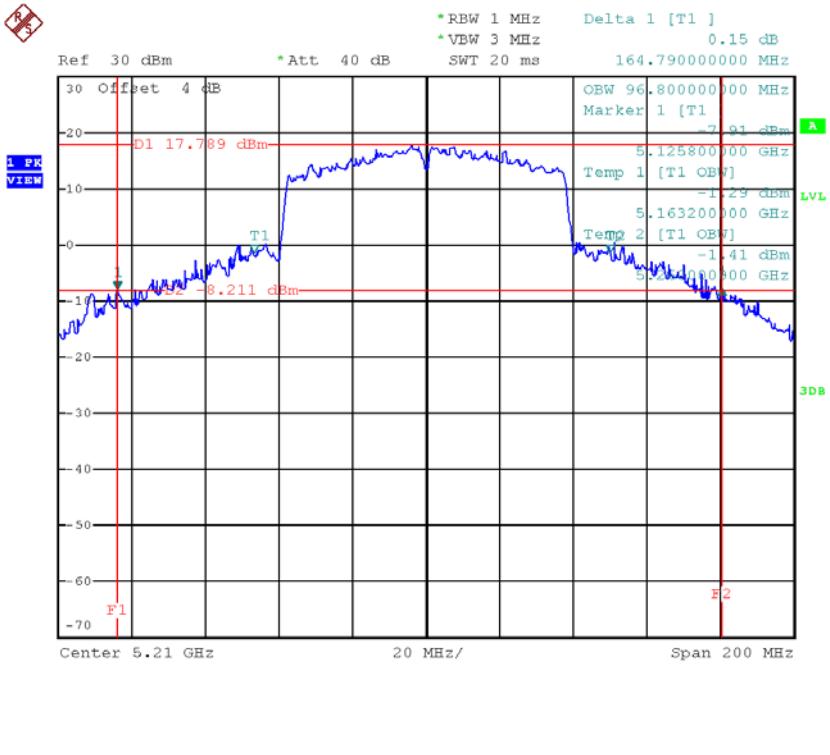


Date: 1.NOV.2017 11:59:34

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	164.79	96.80

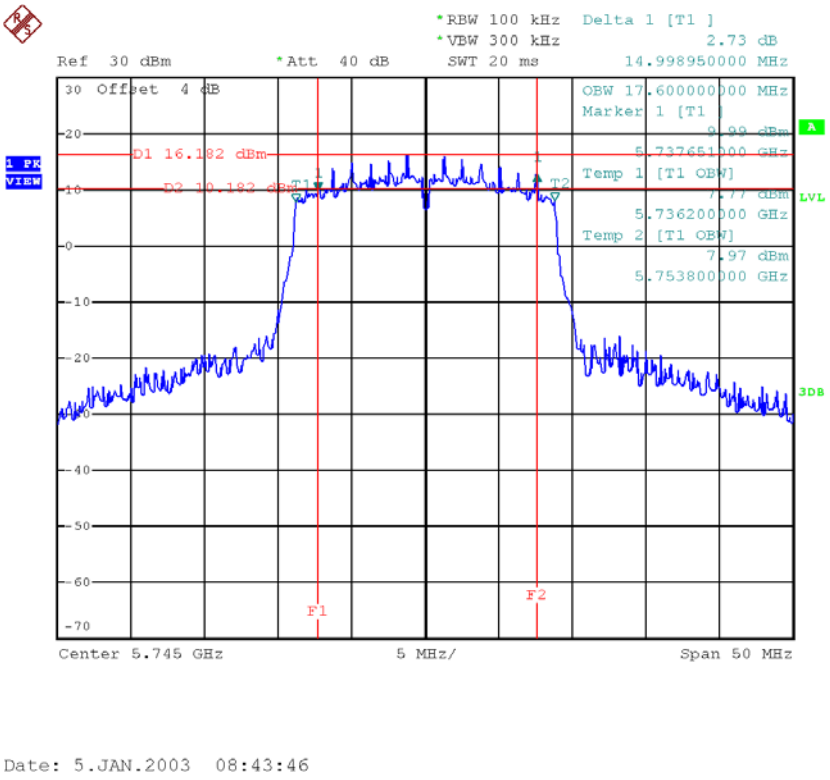
TX CH42



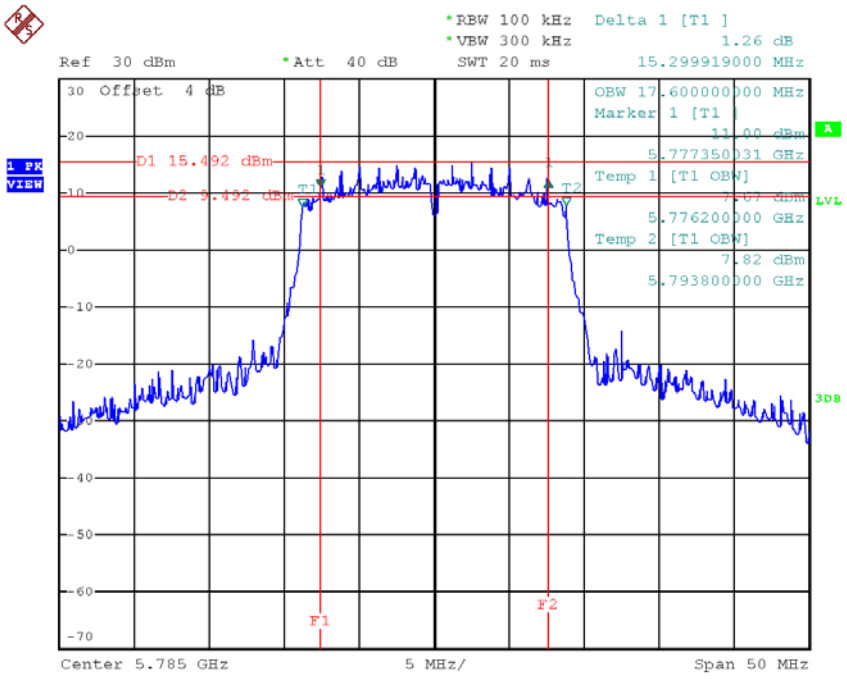
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	15.00	17.60	>=500
CH157	5785	15.30	17.60	>=500
CH165	5825	15.40	17.60	>=500

TX CH 149

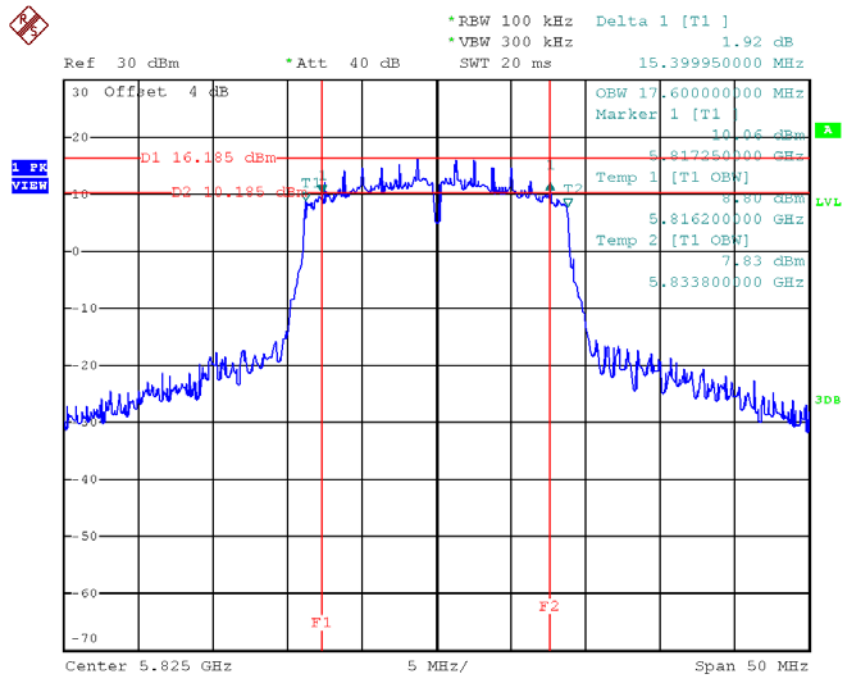


TX CH 157



Date: 5.JAN.2003 08:44:44

TX CH 165

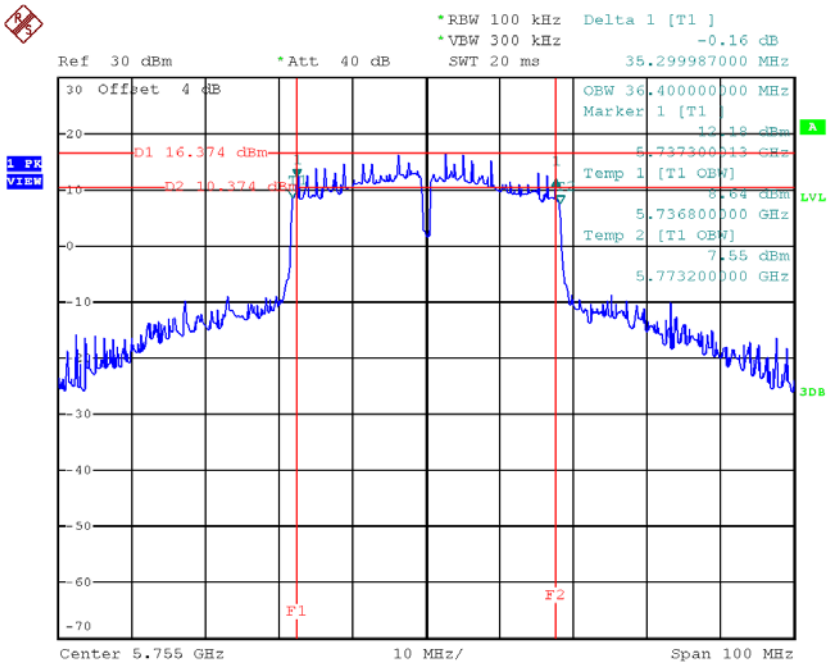


Date: 5.JAN.2003 08:45:37

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

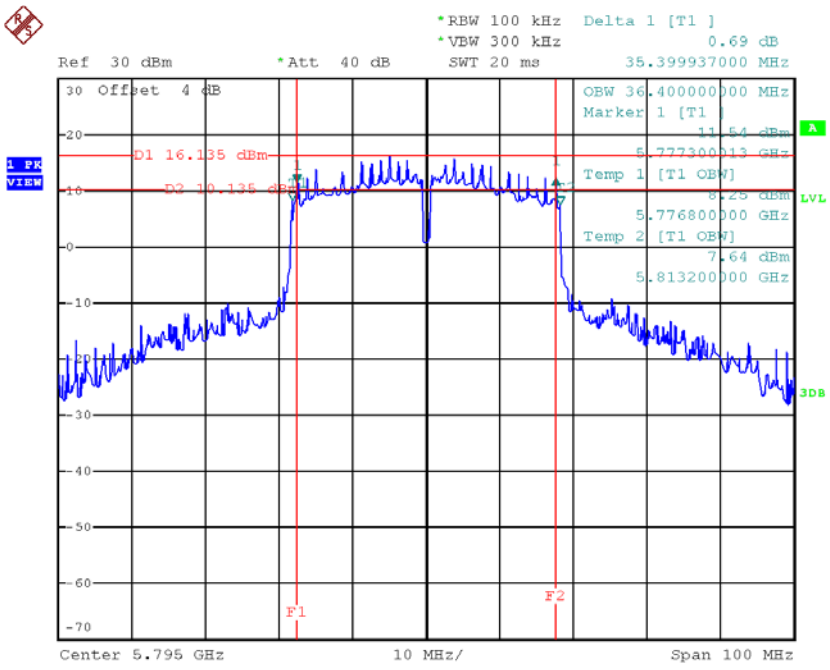
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.30	36.40	>=500
CH159	5795	35.40	36.40	>=500

TX CH 151



Date: 5.JAN.2003 09:48:45

TX CH 159

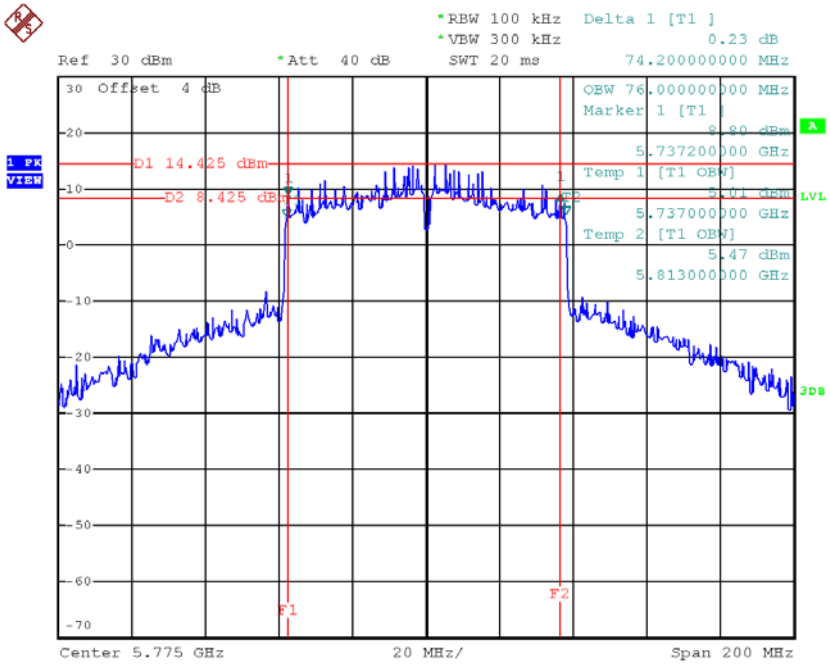


Date: 5.JAN.2003 09:50:03

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	74.20	76.00	>=500

TX CH 155



Date: 5.JAN.2003 09:57:03

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	18.66	0.98	19.64	30.00	1.00
CH40	5200	18.98	0.98	19.96	30.00	1.00
CH48	5240	18.91	0.98	19.89	30.00	1.00

Test Mode: UNII-1/TX A Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	18.34	0.98	19.32	30.00	1.00
CH40	5200	19.23	0.98	20.21	30.00	1.00
CH48	5240	18.56	0.98	19.54	30.00	1.00

Test Mode: UNII-1/TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	22.49	30.00	1.00
CH40	5200	23.10	30.00	1.00
CH48	5240	22.73	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	18.35	1.67	20.02	30.00	1.00
CH40	5200	18.82	1.67	20.49	30.00	1.00
CH48	5240	18.95	1.67	20.62	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	17.76	1.67	19.43	30.00	1.00
CH40	5200	18.57	1.67	20.24	30.00	1.00
CH48	5240	18.82	1.67	20.49	30.00	1.00

Test Mode: UNII-1/TX N20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	22.75	30.00	1.00
CH40	5200	23.38	30.00	1.00
CH48	5240	23.57	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	17.38	2.58	19.96	30.00	1.00
CH46	5230	17.48	2.58	20.06	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	17.82	2.58	20.40	30.00	1.00
CH46	5230	17.61	2.58	20.19	30.00	1.00

Test Mode: UNII-1/TX N40 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.20	30.00	1.00
CH46	5230	23.14	30.00	1.00

Test Mode: UNII-3/ TX A Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	20.84	0.98	21.82	30.00	1.00
CH157	5785	21.67	0.98	22.65	30.00	1.00
CH165	5825	20.41	0.98	21.39	30.00	1.00

Test Mode: UNII-3/ TX A Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	20.64	0.98	21.62	30.00	1.00
CH157	5785	21.03	0.98	22.01	30.00	1.00
CH165	5825	20.29	0.98	21.27	30.00	1.00

Test Mode: UNII-3/ TX A Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.73	30.00	1.00
CH157	5785	25.35	30.00	1.00
CH165	5825	24.34	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	20.36	1.67	22.03	30.00	1.00
CH157	5785	22.02	1.67	23.69	30.00	1.00
CH165	5825	21.34	1.67	23.01	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	20.48	1.67	22.15	30.00	1.00
CH157	5785	21.57	1.67	23.24	30.00	1.00
CH165	5825	21.62	1.67	23.29	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	25.10	30.00	1.00
CH157	5785	26.48	30.00	1.00
CH165	5825	26.16	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	18.36	2.58	20.94	30.00	1.00
CH159	5795	19.99	2.58	22.57	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	17.85	2.58	20.43	30.00	1.00
CH159	5795	19.64	2.58	22.22	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	23.70	30.00	1.00
CH159	5795	25.41	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	18.95	1.80	20.75	30.00	1.00
CH40	5200	19.26	1.80	21.06	30.00	1.00
CH48	5240	18.27	1.80	20.07	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	18.68	1.80	20.48	30.00	1.00
CH40	5200	18.75	1.80	20.55	30.00	1.00
CH48	5240	18.35	1.80	20.15	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	23.63	30.00	1.00
CH40	5200	23.82	30.00	1.00
CH48	5240	23.12	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	16.38	2.95	19.33	30.00	1.00
CH46	5230	16.54	2.95	19.49	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	16.13	2.95	19.08	30.00	1.00
CH46	5230	16.18	2.95	19.13	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	22.22	30.00	1.00
CH46	5230	22.32	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	14.76	5.12	19.88	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	14.35	5.12	19.47	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	22.69	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	20.61	1.80	22.41	30.00	1.00
CH157	5785	21.42	1.80	23.22	30.00	1.00
CH165	5825	20.16	1.80	21.96	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	20.45	1.80	22.25	30.00	1.00
CH157	5785	20.78	1.80	22.58	30.00	1.00
CH165	5825	20.11	1.80	21.91	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	25.34	30.00	1.00
CH157	5785	25.92	30.00	1.00
CH165	5825	24.95	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	16.51	2.95	19.46	30.00	1.00
CH159	5795	21.37	2.95	24.32	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	16.20	2.95	19.15	30.00	1.00
CH159	5795	20.94	2.95	23.89	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	22.32	30.00	1.00
CH159	5795	27.12	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	15.62	5.12	20.74	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	15.81	5.12	20.93	30.00	1.00

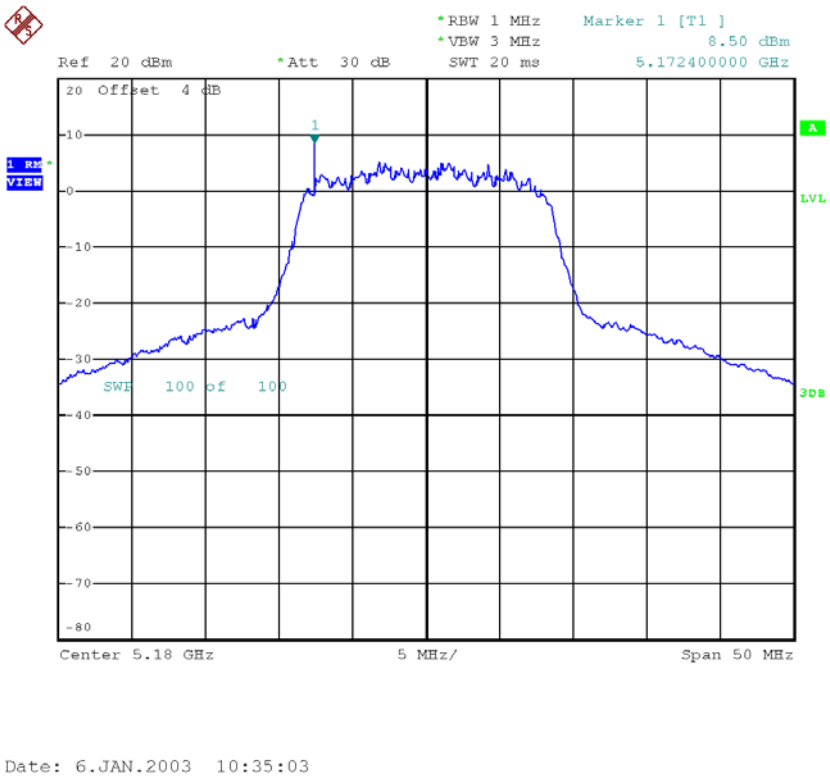
Test Mode: UNII-3/TX AC80 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	23.85	30.00	1.00

APPENDIX G - POWER SPECTRAL DENSITY

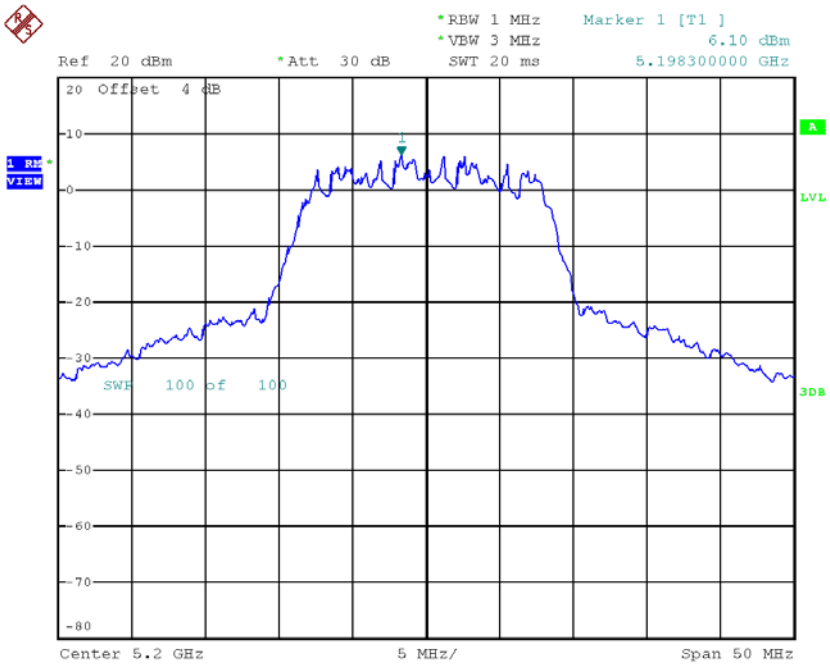
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	8.50	0.98	9.48	17.00
CH40	5200	6.10	0.98	7.08	17.00
CH48	5240	12.57	0.98	13.55	17.00

CH36

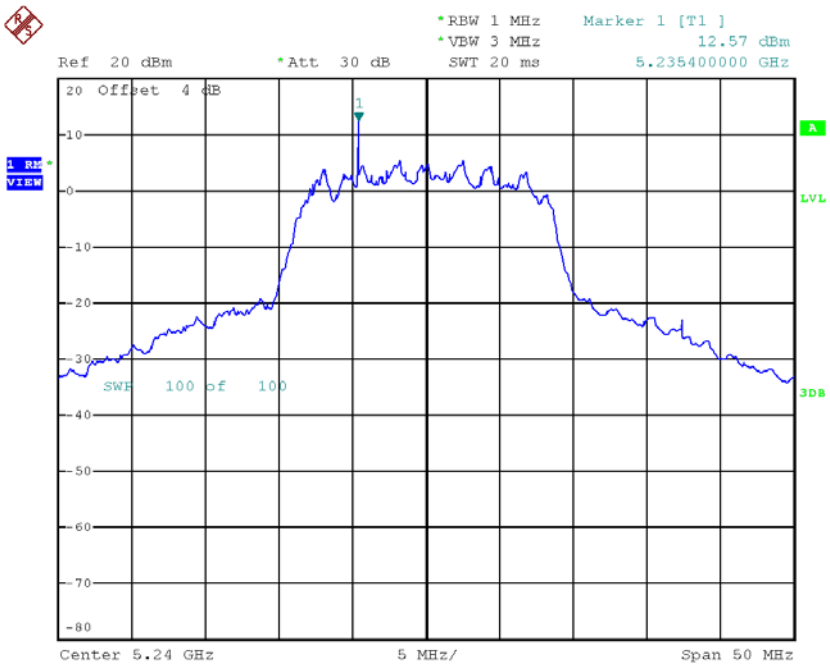


CH40



Date: 6.JAN.2003 10:38:33

CH48

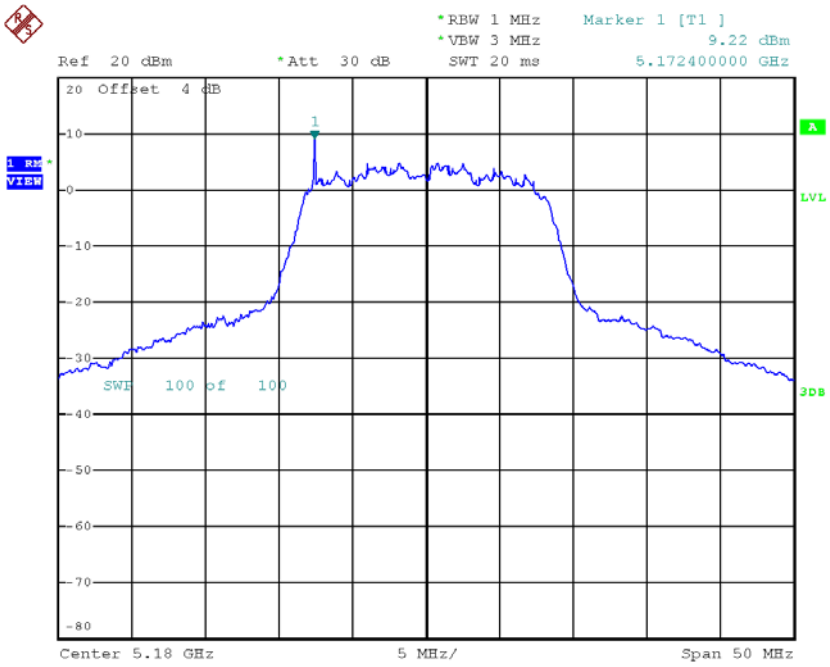


Date: 6.JAN.2003 10:39:23

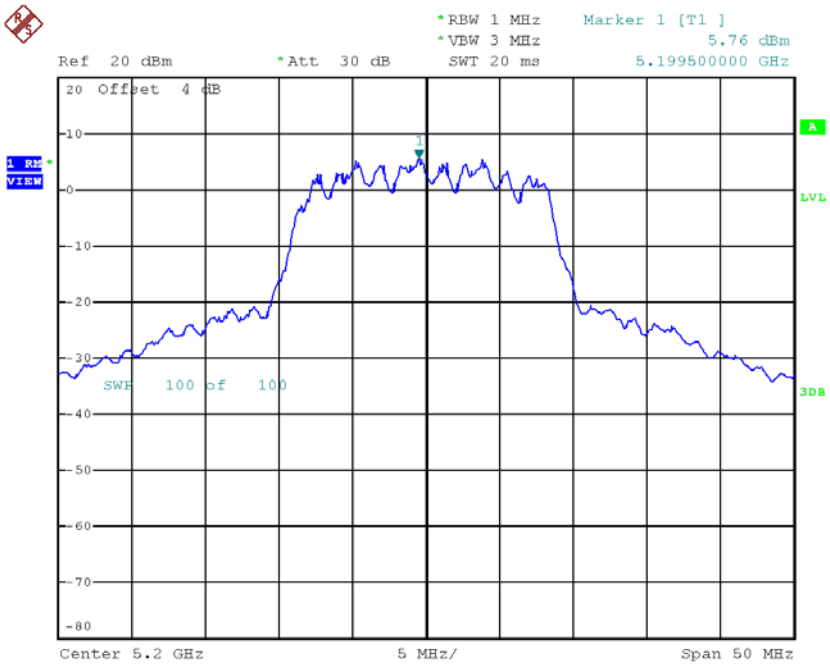
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.22	0.98	10.20	17.00
CH40	5200	5.76	0.98	6.74	17.00
CH48	5240	11.49	0.98	12.47	17.00

CH36

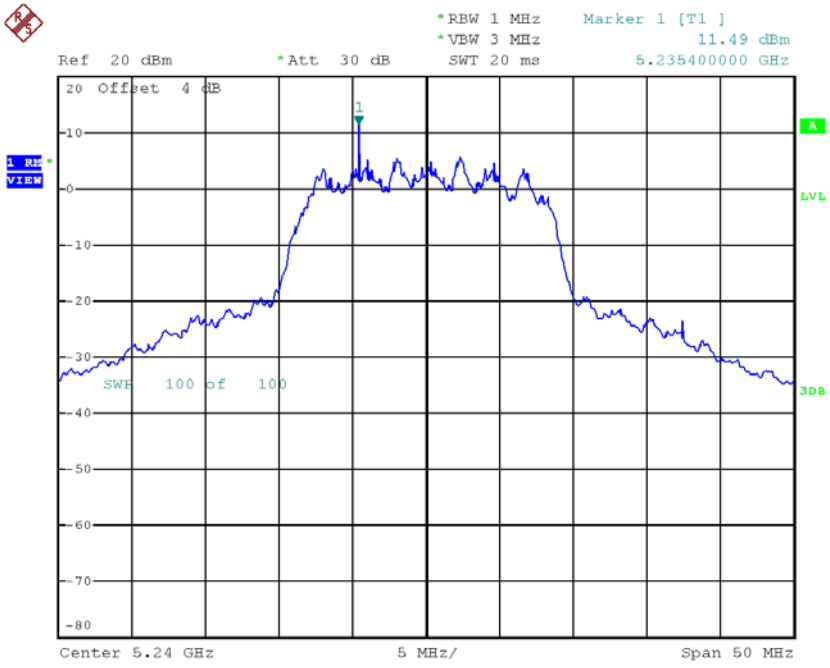


CH40



Date: 6.JAN.2003 10:38:02

CH48



Date: 6.JAN.2003 10:40:10

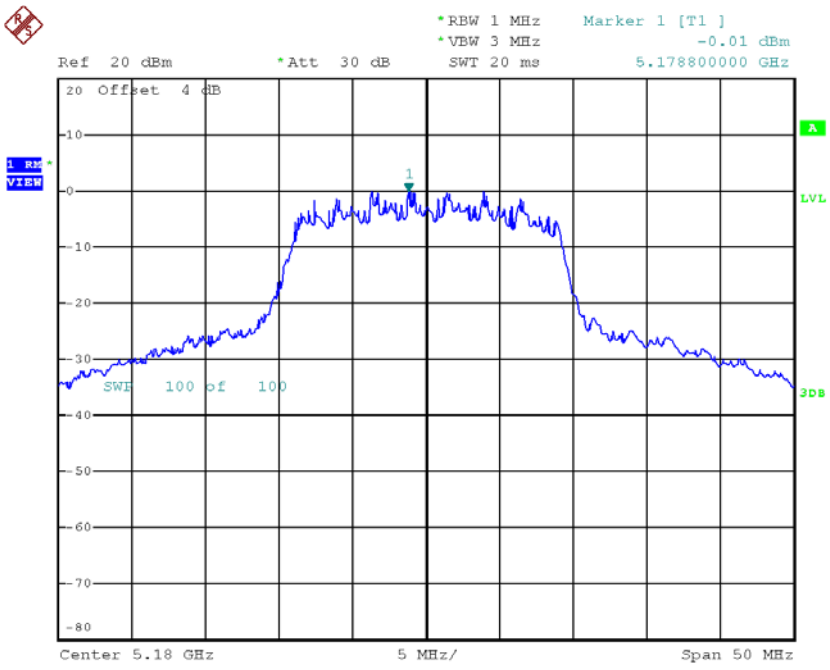
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_Total			

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	12.87	17.00
CH40	5200	9.92	17.00
CH48	5240	16.05	17.00

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

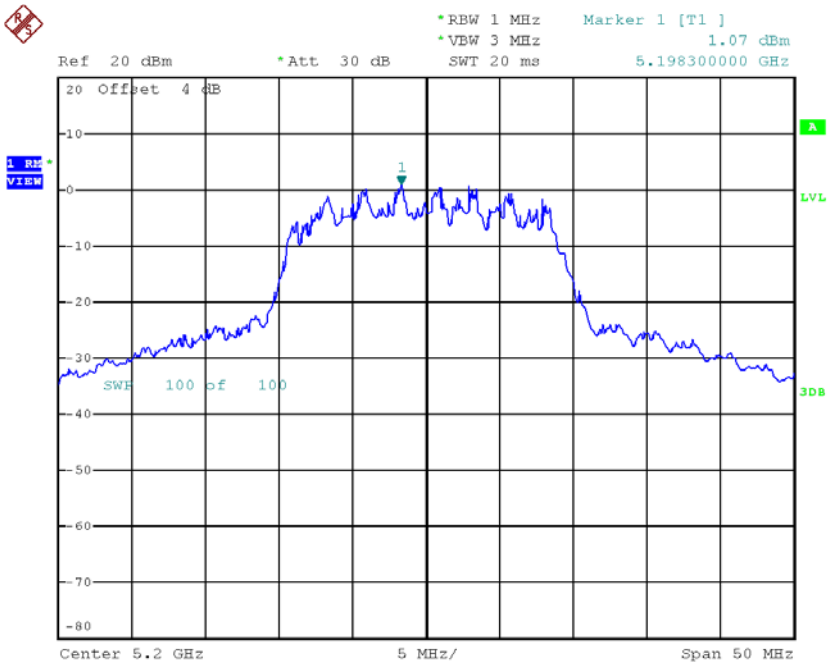
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-0.01	1.67	1.66	17.00
CH40	5200	1.07	1.67	2.74	17.00
CH48	5240	6.43	1.67	8.10	17.00

CH36



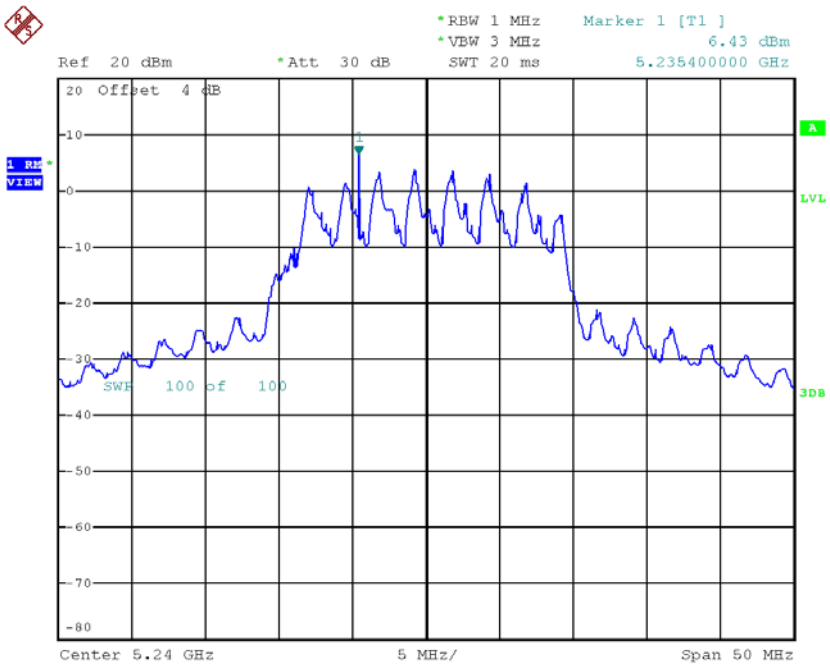
Date: 1.NOV.2017 10:40:02

CH40



Date: 1.NOV.2017 10:41:05

CH48

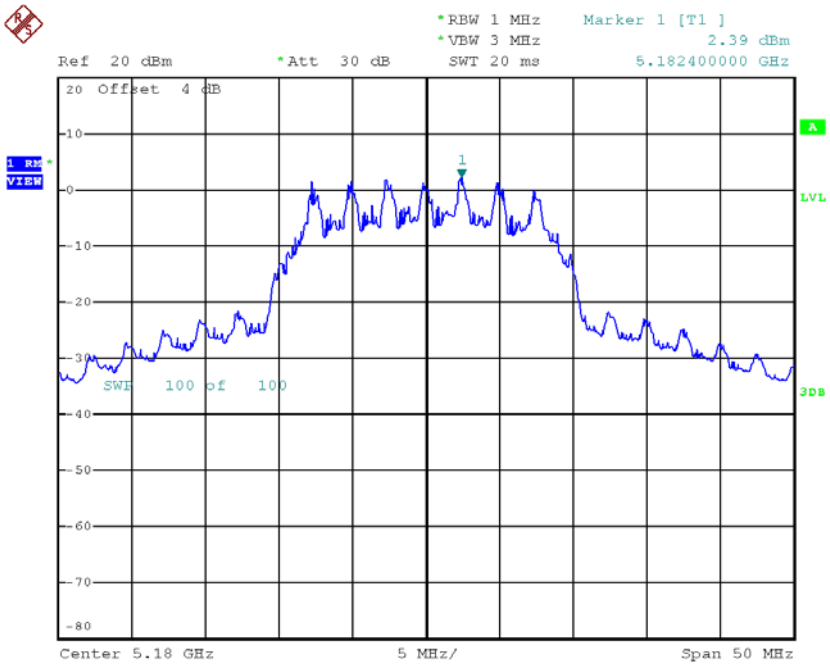


Date: 1.NOV.2017 14:31:00

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

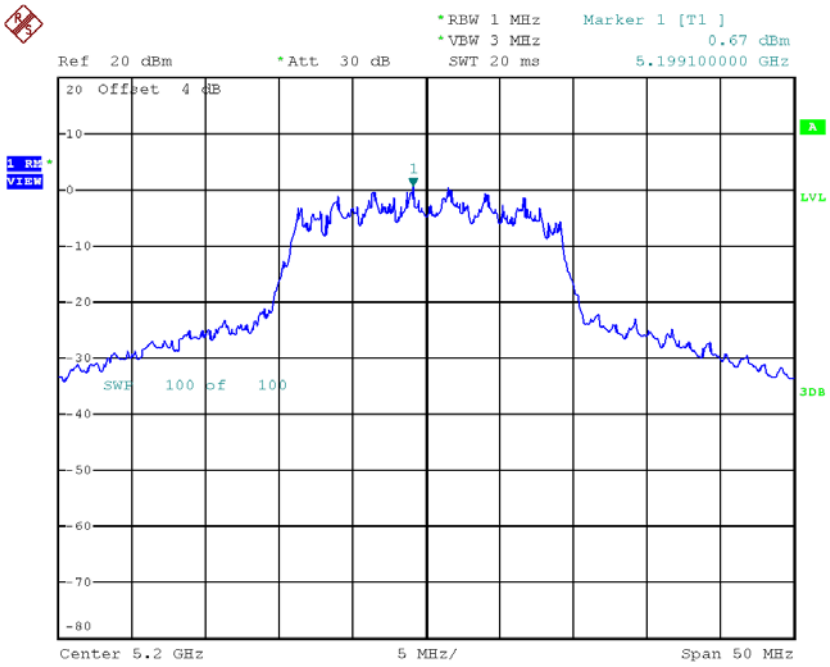
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	2.39	1.67	4.06	17.00
CH40	5200	0.67	1.67	2.34	17.00
CH48	5240	8.17	1.67	9.84	17.00

CH36



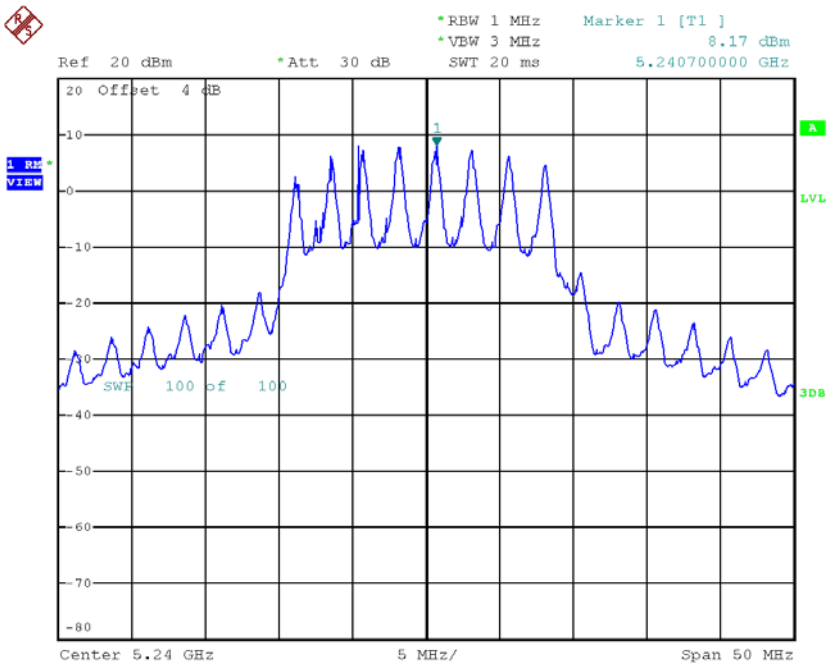
Date: 1.NOV.2017 10:38:44

CH40



Date: 1.NOV.2017 10:41:39

CH48



Date: 1.NOV.2017 14:30:25

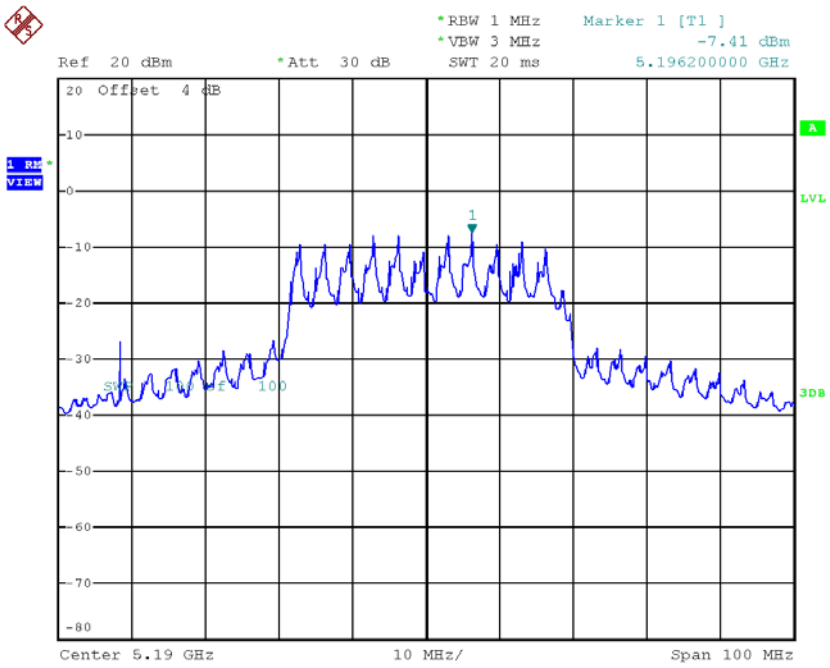
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.03	17.00
CH40	5200	5.55	17.00
CH48	5240	12.07	17.00

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

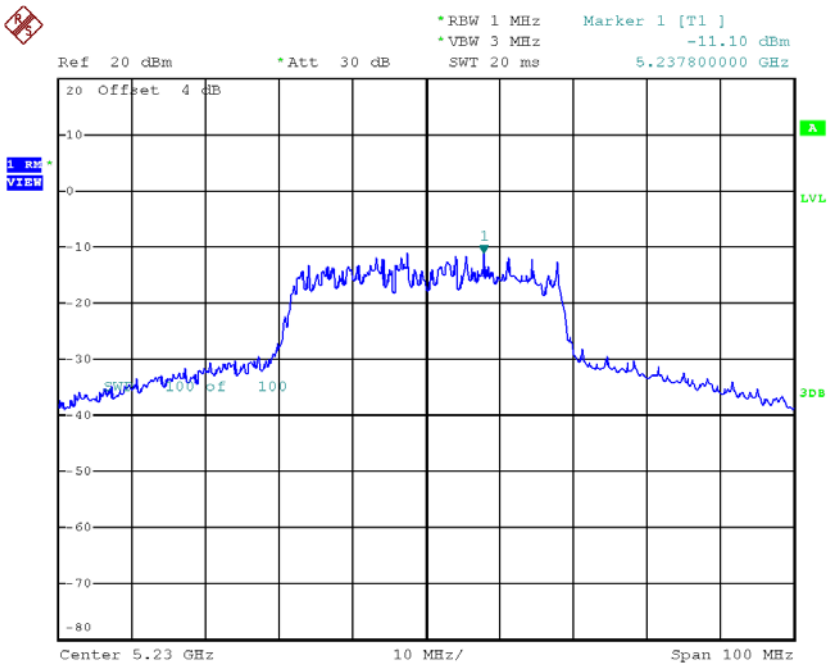
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-7.41	2.58	-4.83	17.00
CH46	5230	-11.10	2.58	-8.52	17.00

CH38



Date: 1.NOV.2017 11:36:48

CH46

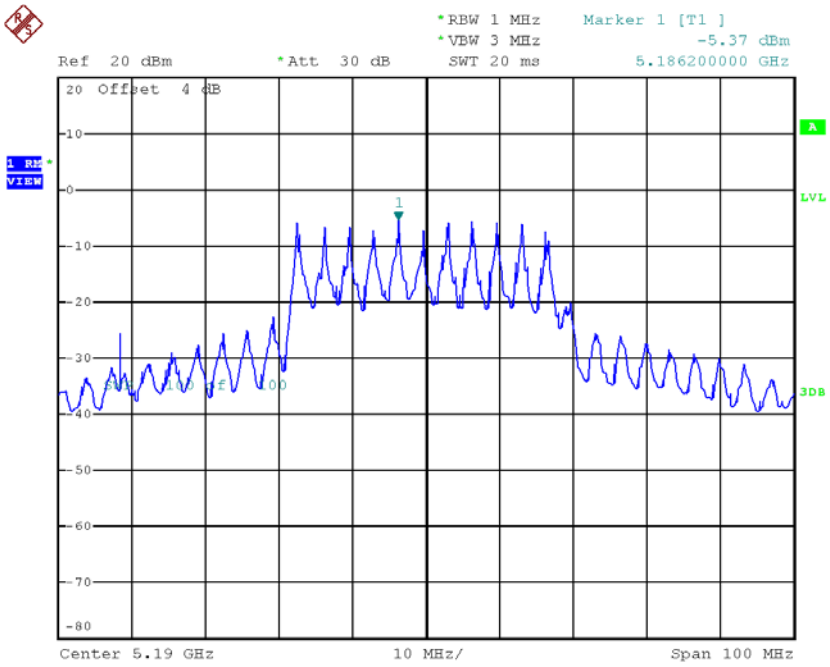


Date: 1.NOV.2017 11:37:19

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

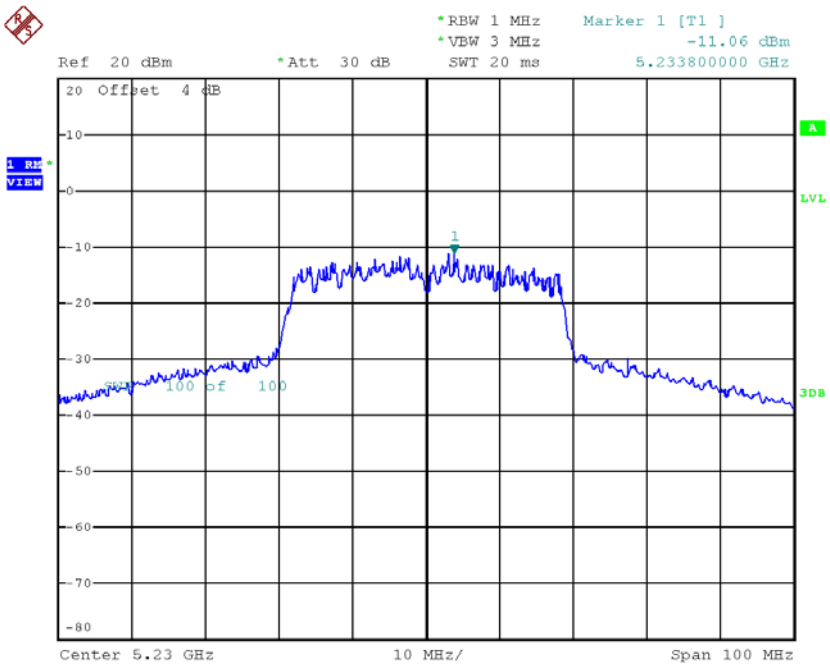
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-5.37	2.58	-2.79	17.00
CH46	5230	-11.06	2.58	-8.48	17.00

CH38



Date: 1.NOV.2017 11:34:46

CH46



Date: 1.NOV.2017 11:37:49

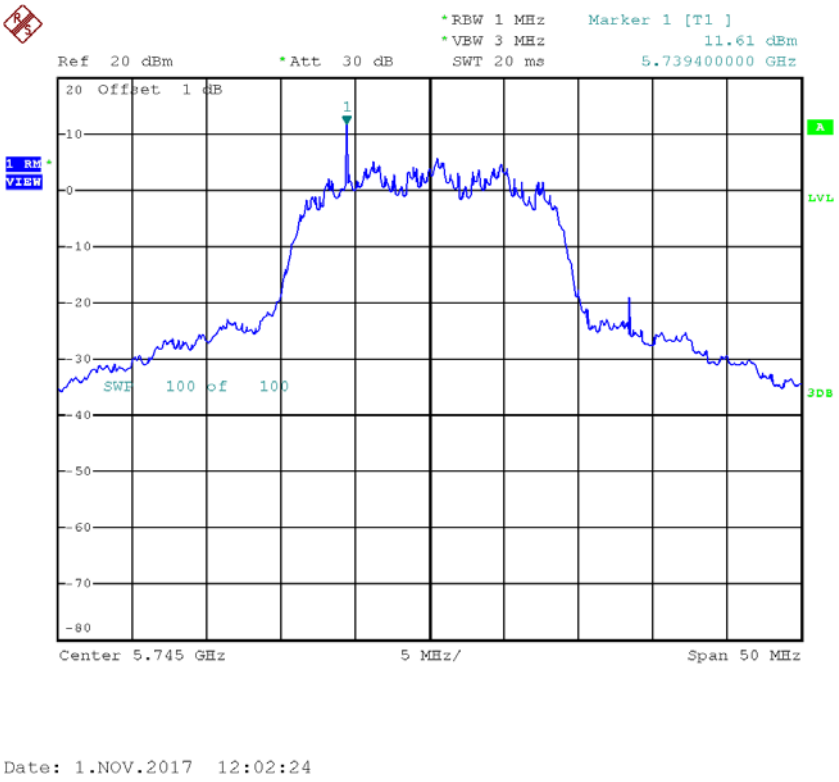
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total			

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-0.68	17.00
CH46	5230	-5.49	17.00

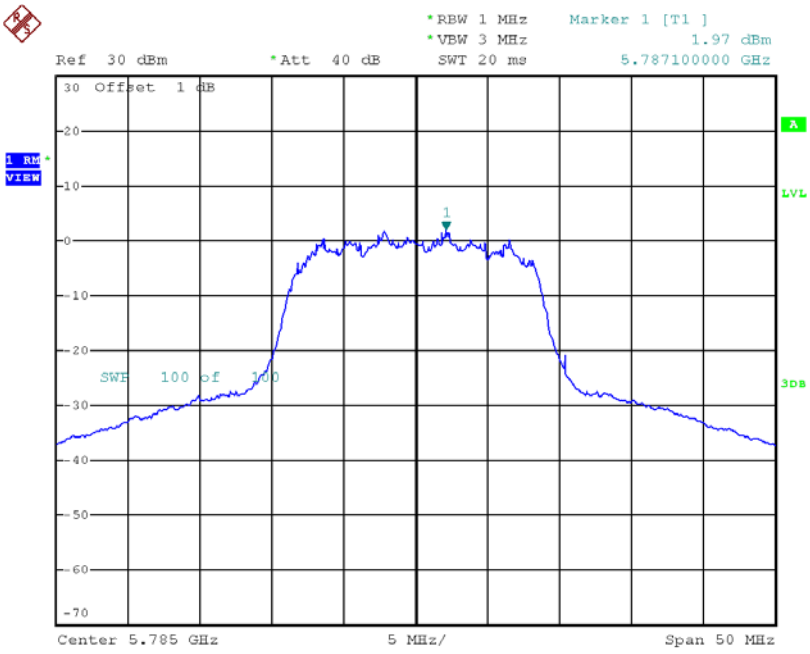
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	11.61	0.98	12.59	30.00
CH157	5785	1.97	0.98	2.95	30.00
CH165	5825	11.87	0.98	12.85	30.00

TX CH149

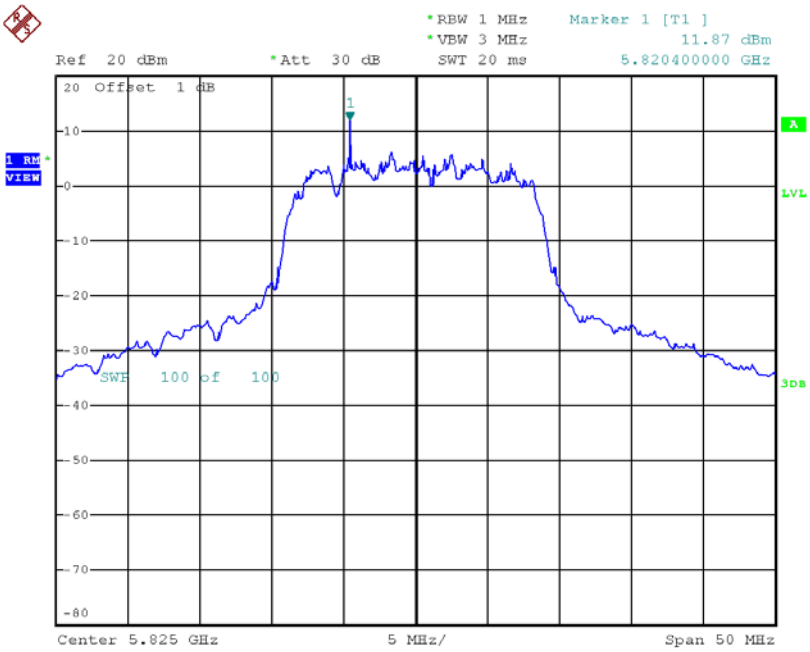


TX CH157



Date: 6.JAN.2003 10:26:32

TX CH165

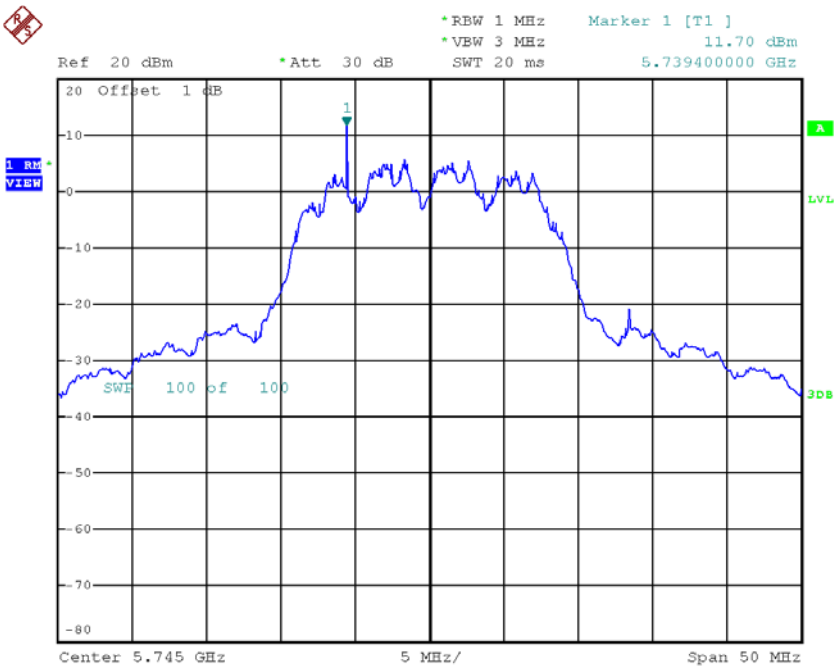


Date: 1.NOV.2017 10:37:16

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

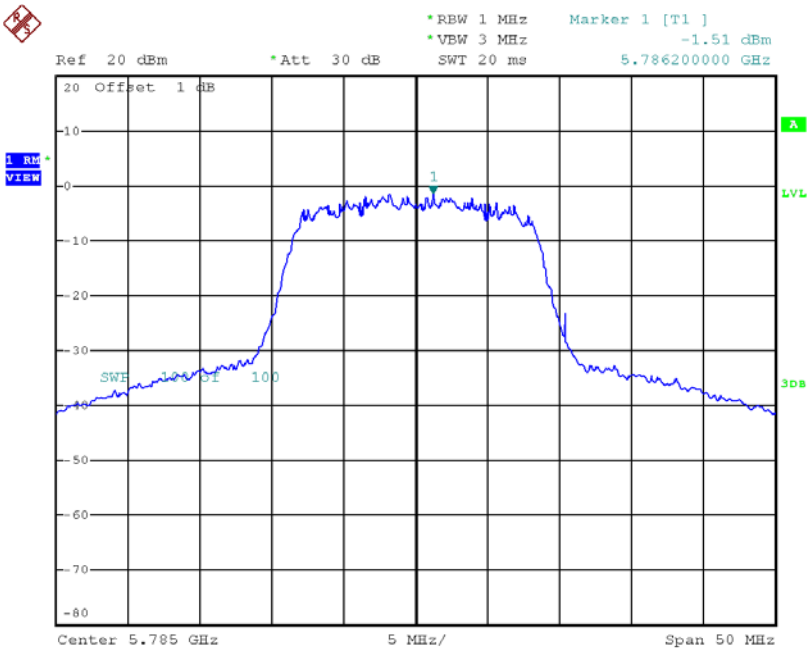
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	11.70	0.98	12.68	30.00
CH157	5785	-1.51	0.98	-0.53	30.00
CH165	5825	10.83	0.98	11.81	30.00

TX CH149



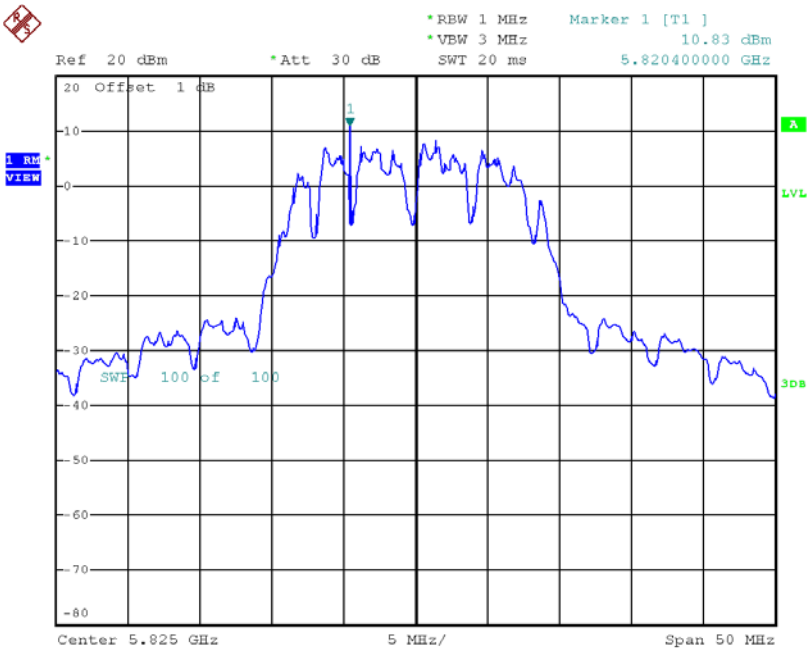
Date: 1.NOV.2017 13:38:16

TX CH157



Date: 6.JAN.2003 10:42:09

TX CH165



Date: 1.NOV.2017 10:37:42

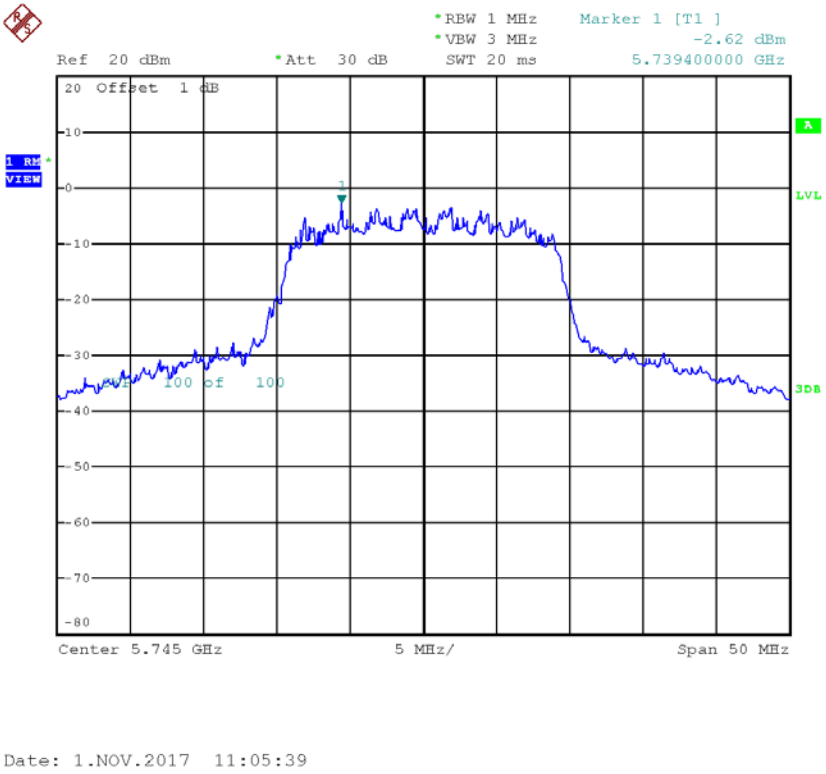
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	15.65	30.00
CH157	5785	4.56	30.00
CH165	5825	15.37	30.00

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

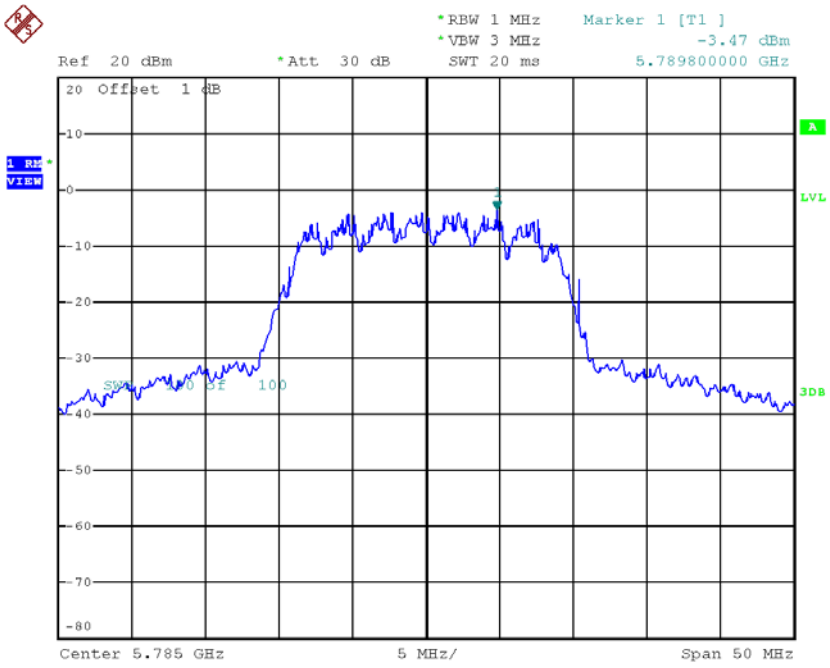
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-2.62	1.67	-0.95	30.00
CH157	5785	-3.47	1.67	-1.80	30.00
CH165	5825	8.00	1.67	9.67	30.00

TX CH149



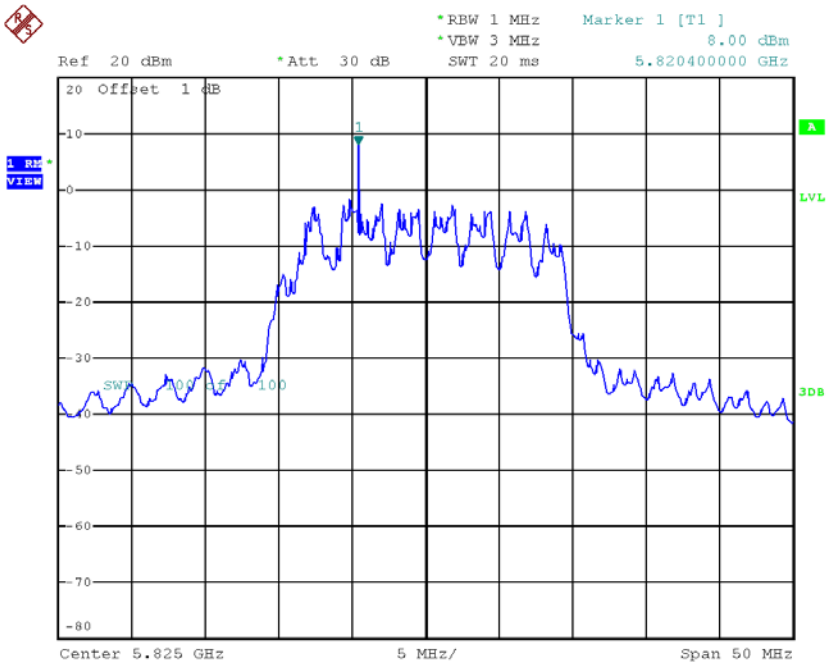
Date: 1.NOV.2017 11:05:39

TX CH157



Date: 1.NOV.2017 10:53:10

TX CH165

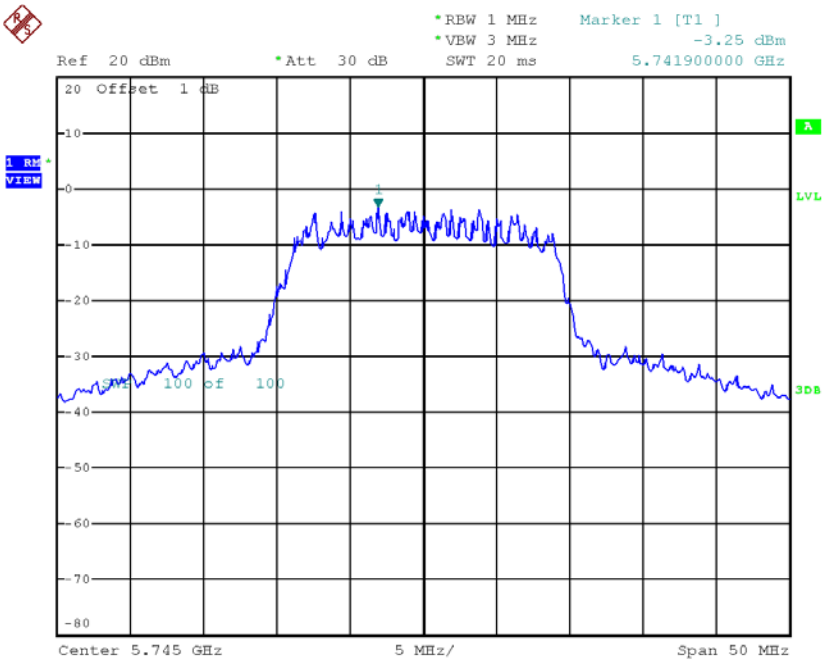


Date: 1.NOV.2017 14:34:59

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

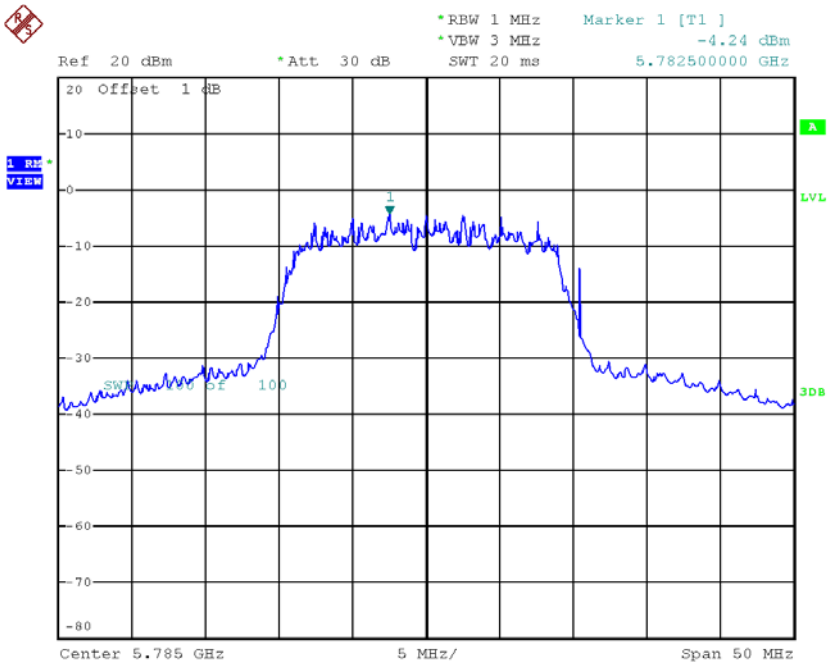
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-3.25	1.67	-1.58	30.00
CH157	5785	-4.24	1.67	-2.57	30.00
CH165	5825	5.86	1.67	7.53	30.00

TX CH149



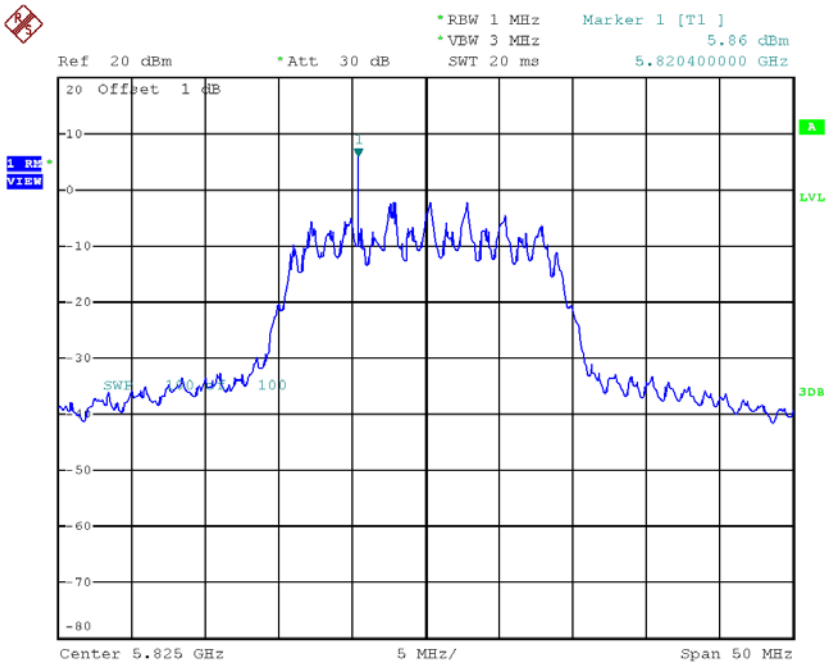
Date: 1.NOV.2017 11:06:11

TX CH157



Date: 1.NOV.2017 10:52:44

TX CH165



Date: 1.NOV.2017 14:35:30

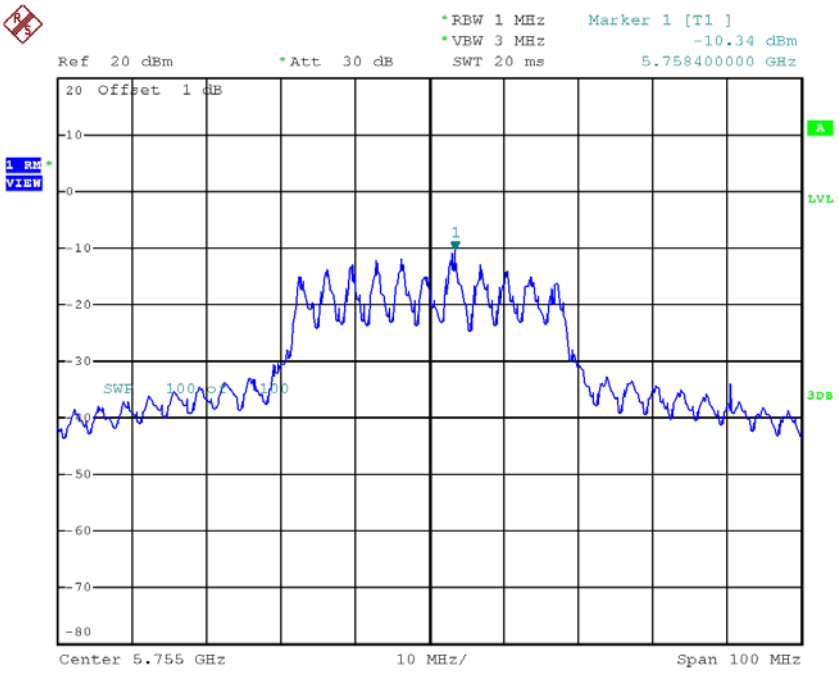
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	1.76	30.00
CH157	5785	0.84	30.00
CH165	5825	11.74	30.00

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

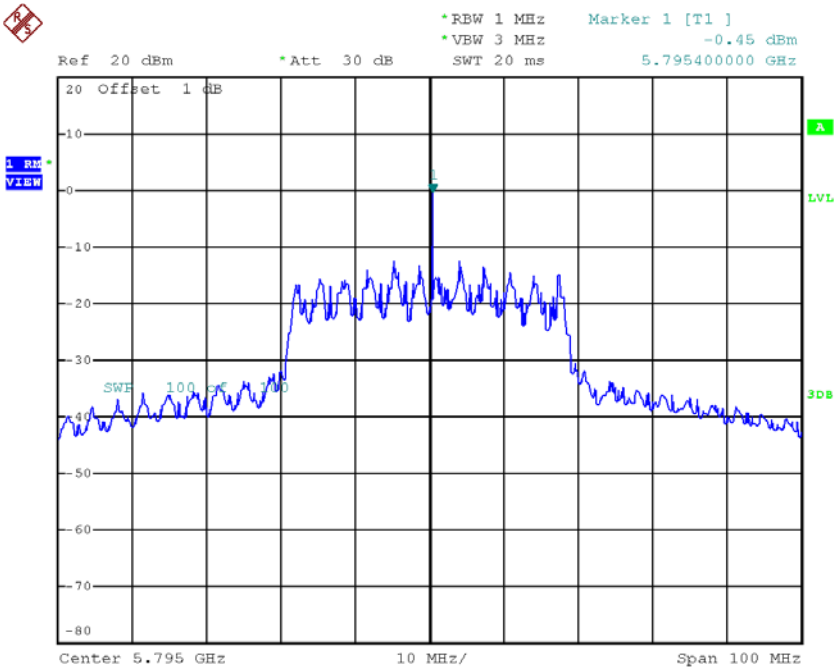
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-10.34	2.58	-7.76	30.00
CH159	5795	-0.45	2.58	2.13	30.00

TX CH151



Date: 1.NOV.2017 11:39:17

TX CH159

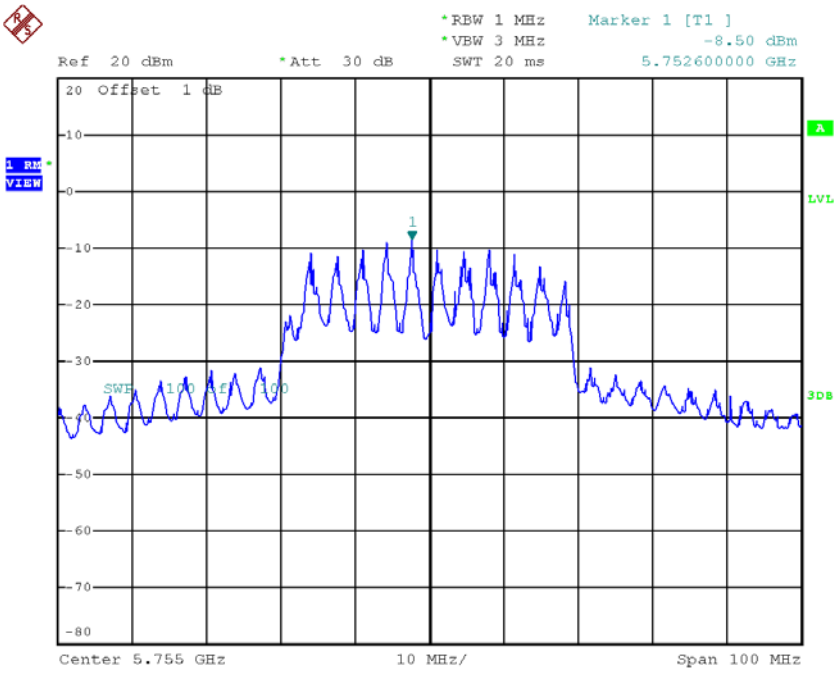


Date: 1.NOV.2017 11:42:34

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 2

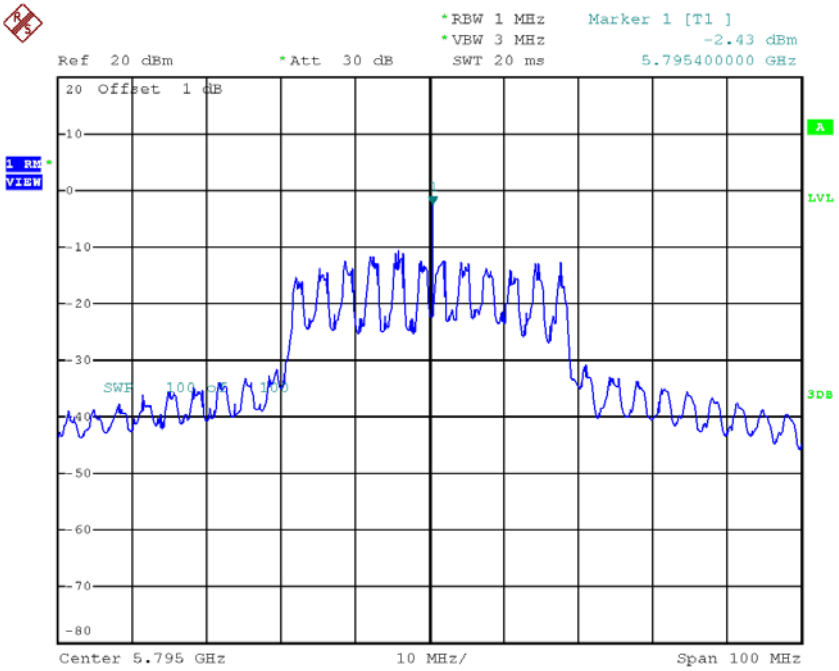
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-8.50	2.58	-5.92	30.00
CH159	5795	-2.43	2.58	0.15	30.00

TX CH151



Date: 1.NOV.2017 11:38:27

TX CH159



Date: 1.NOV.2017 11:43:30

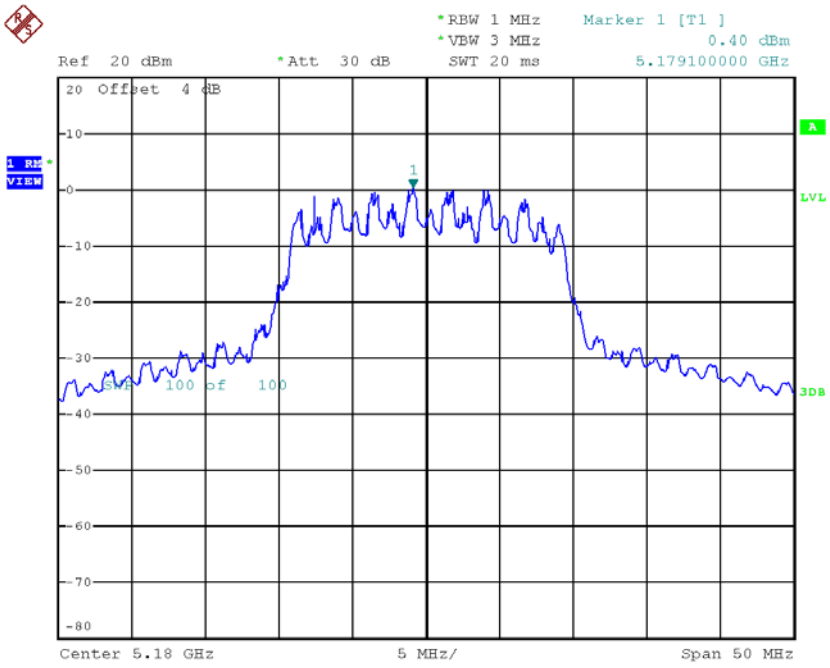
Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-3.73	30.00
CH159	5795	4.26	30.00

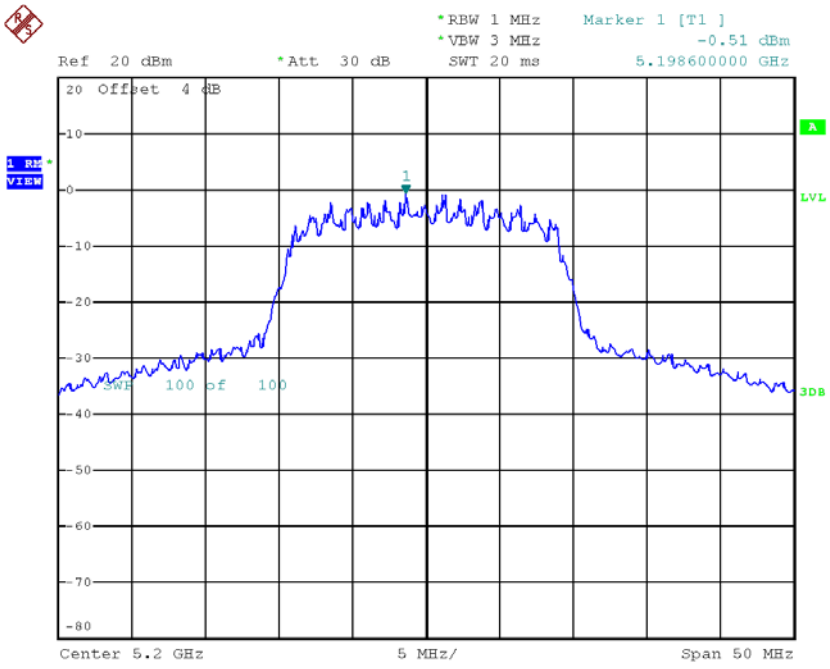
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	0.40	1.80	2.20	17.00
CH40	5200	-0.51	1.80	1.29	17.00
CH48	5240	-0.19	1.80	1.61	17.00

CH36

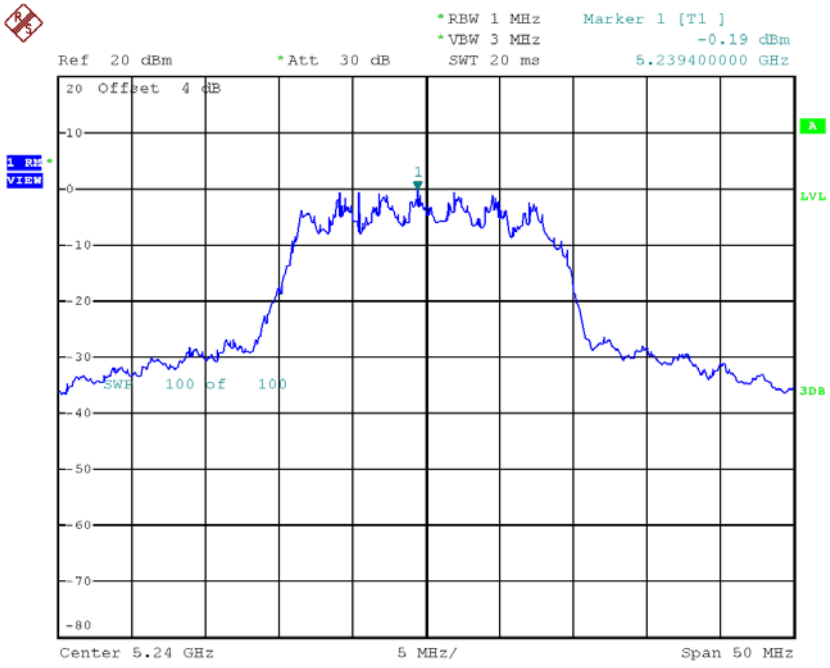


CH40



Date: 1.NOV.2017 11:11:06

CH48

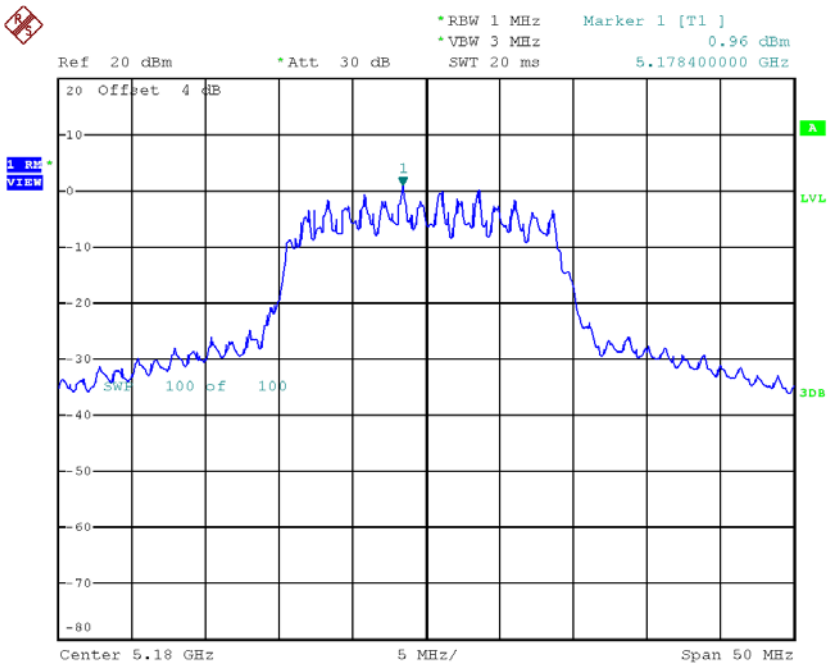


Date: 1.NOV.2017 11:16:53

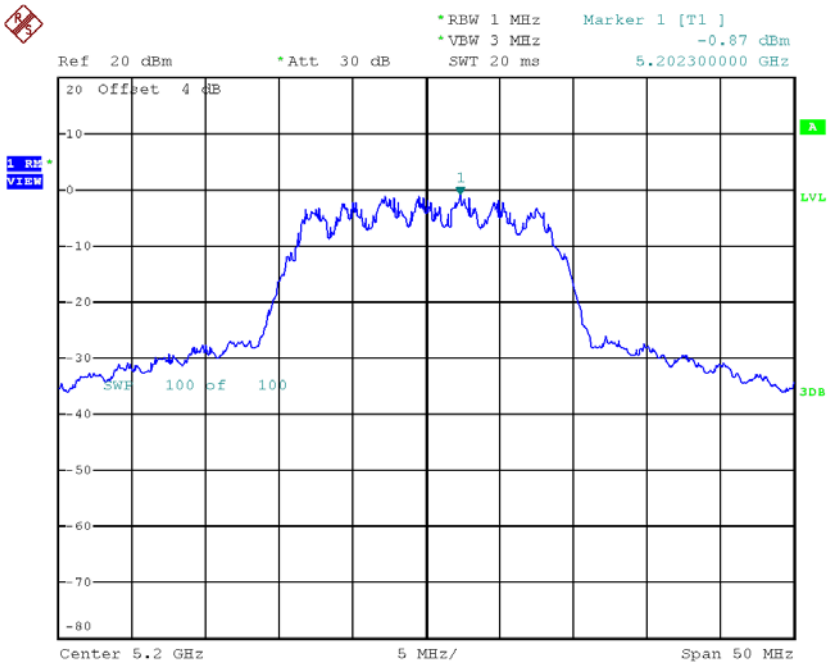
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	0.96	1.80	2.76	17.00
CH40	5200	-0.87	1.80	0.93	17.00
CH48	5240	0.72	1.80	2.52	17.00

CH36

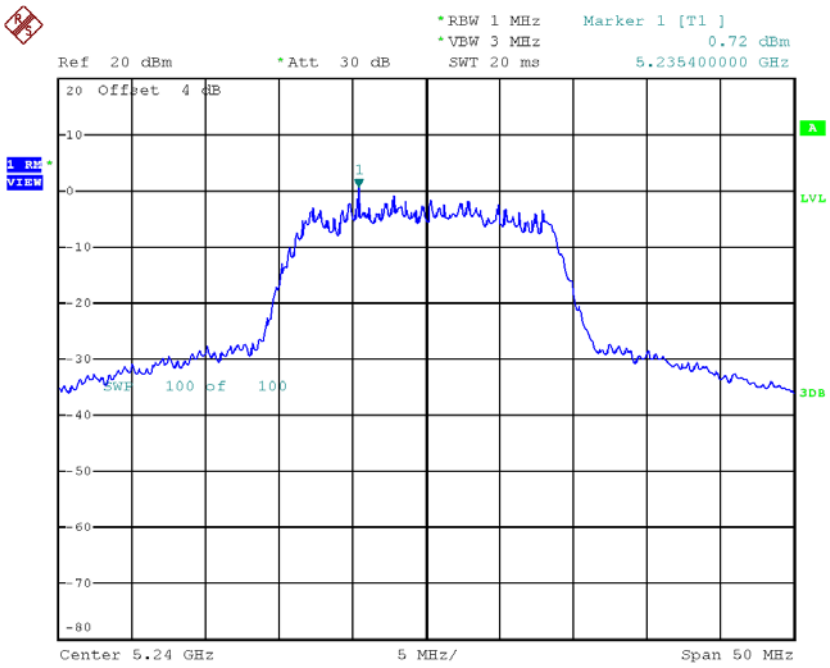


CH40



Date: 1.NOV.2017 11:11:28

CH48



Date: 1.NOV.2017 11:16:19

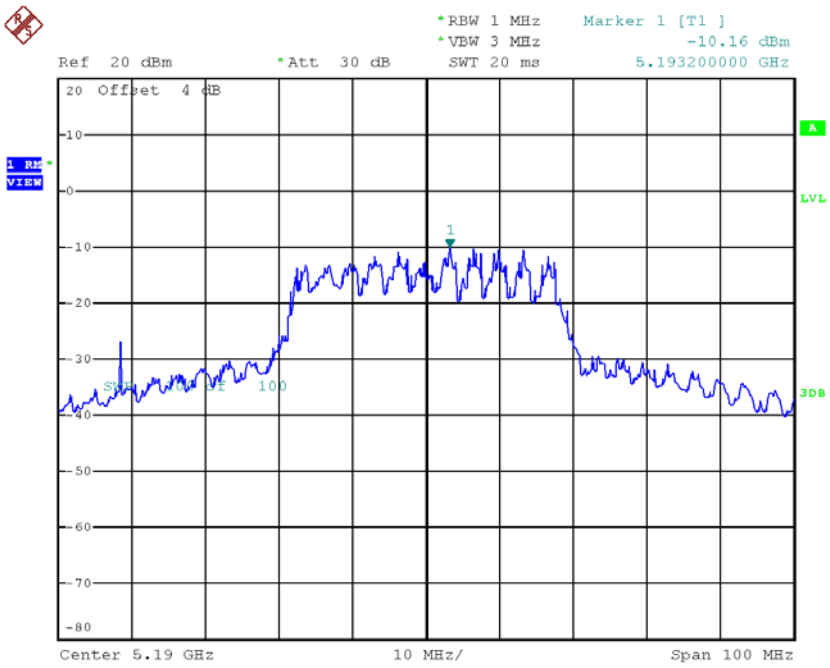
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.50	17.00
CH40	5200	4.12	17.00
CH48	5240	5.10	17.00

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

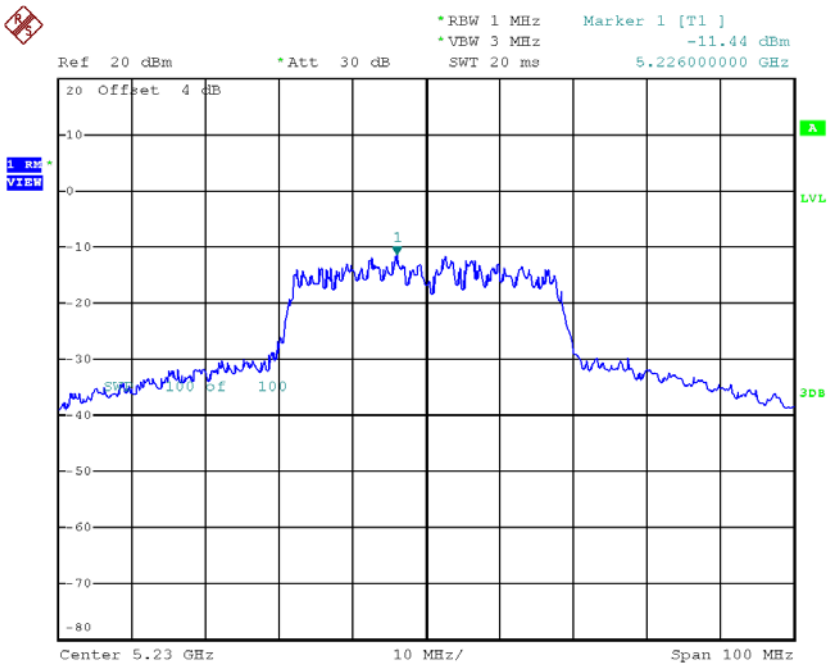
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-10.16	2.95	-7.21	17.00
CH46	5230	-11.44	2.95	-8.49	17.00

CH38



Date: 1.NOV.2017 11:44:49

CH46

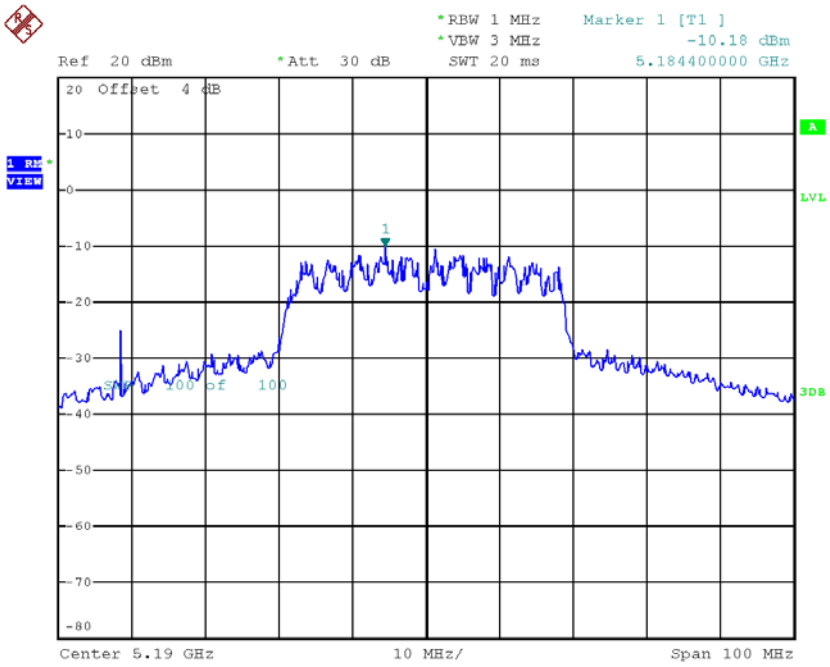


Date: 1.NOV.2017 11:45:16

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

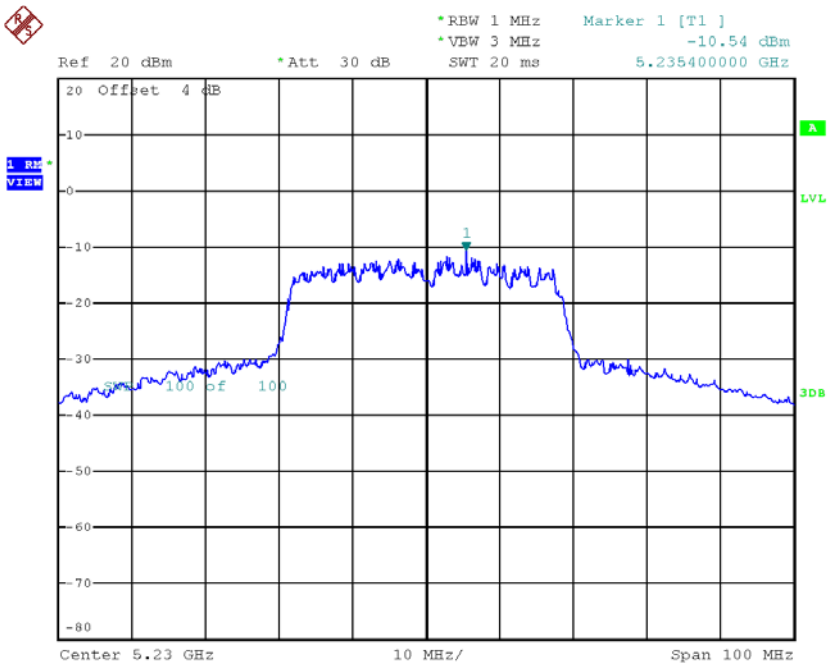
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-10.18	2.95	-7.23	17.00
CH46	5230	-10.54	2.95	-7.59	17.00

CH38



Date: 1.NOV.2017 11:44:24

CH46



Date: 1.NOV.2017 11:45:59

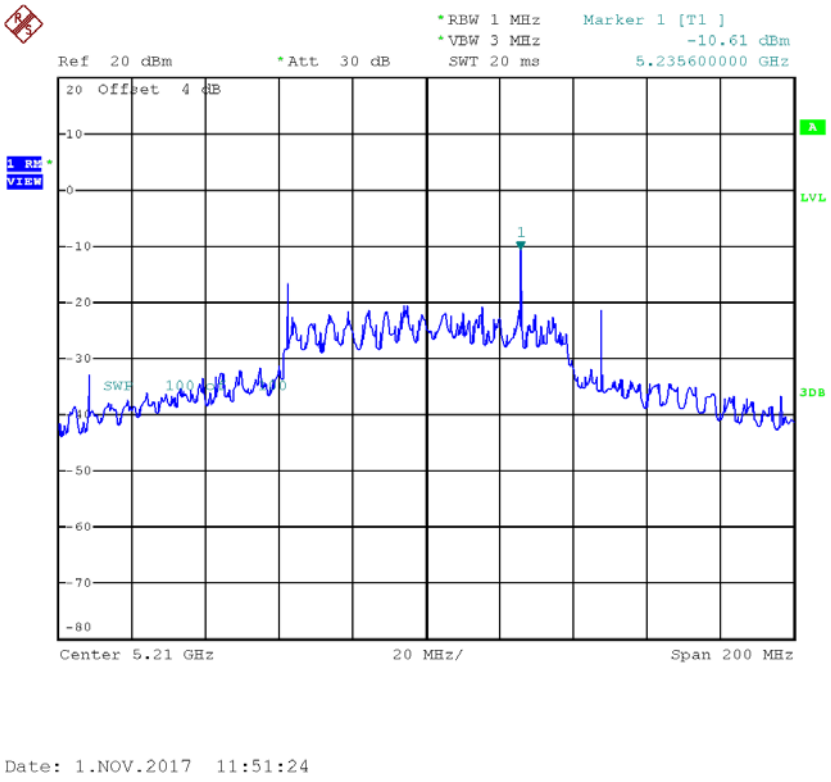
Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total			

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-4.21	17.00
CH46	5230	-5.01	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	-10.61	5.12	-5.49	17.00

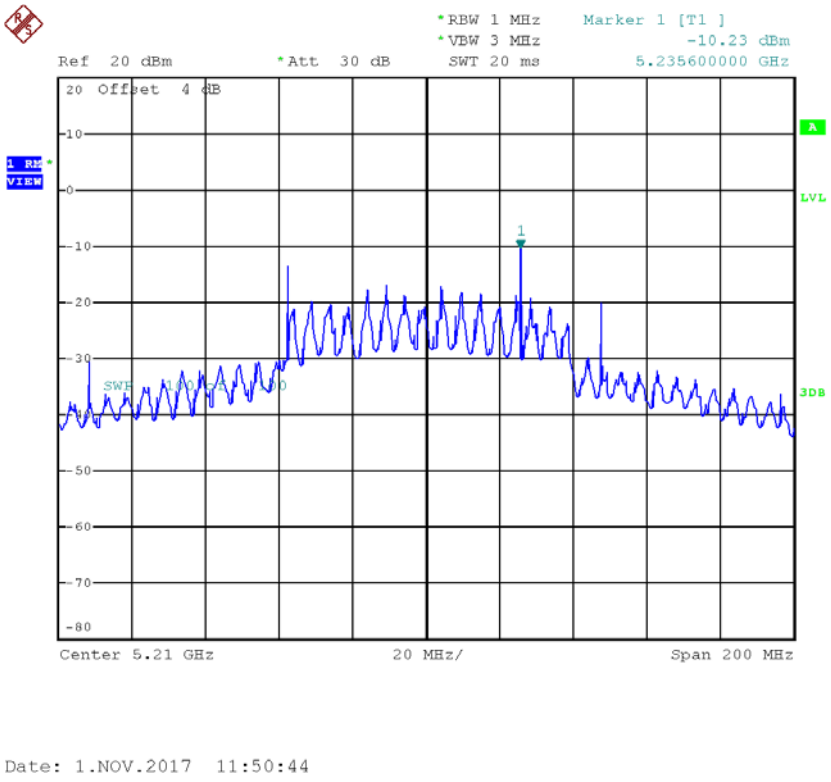
CH42



Date: 1.NOV.2017 11:51:24

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	-10.23	5.12	-5.11	17.00

CH42

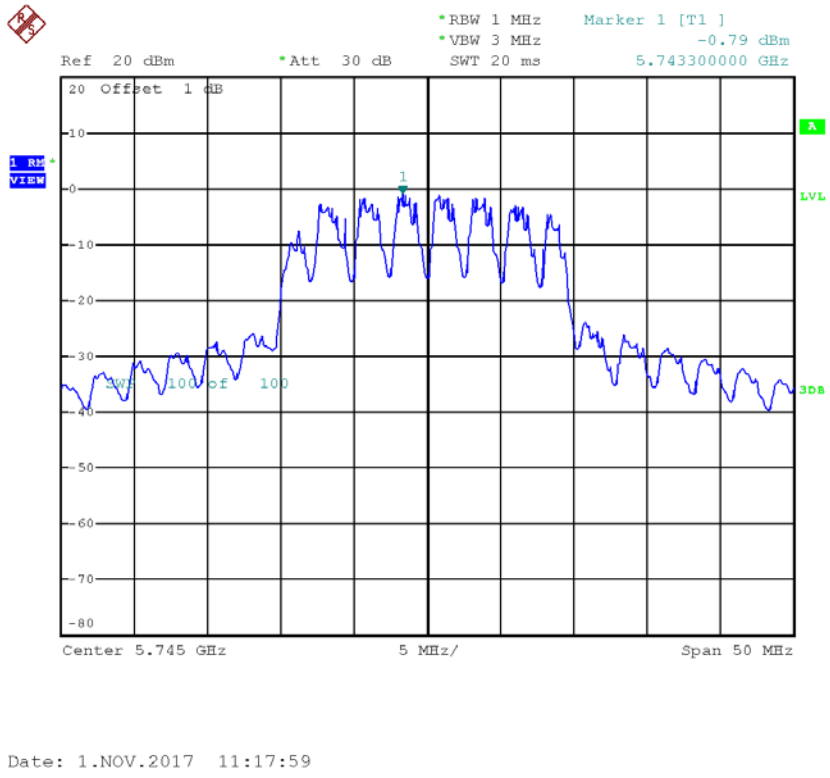


Test Mode: UNII-1/TX AC80 Mode_CH42_Total			
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-2.29	17.00

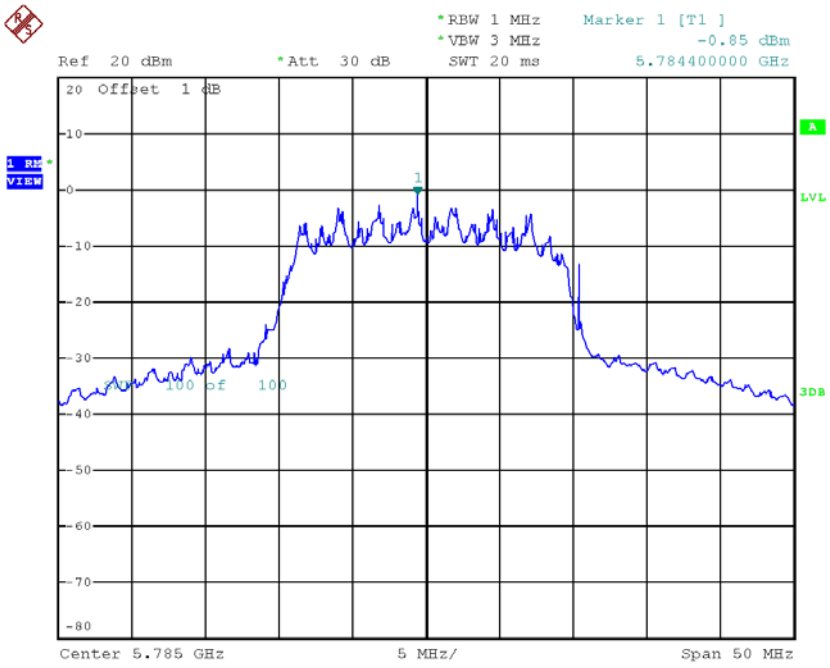
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.79	1.80	1.01	30.00
CH157	5785	-0.85	1.80	0.95	30.00
CH165	5825	3.00	1.80	4.80	30.00

TX CH149

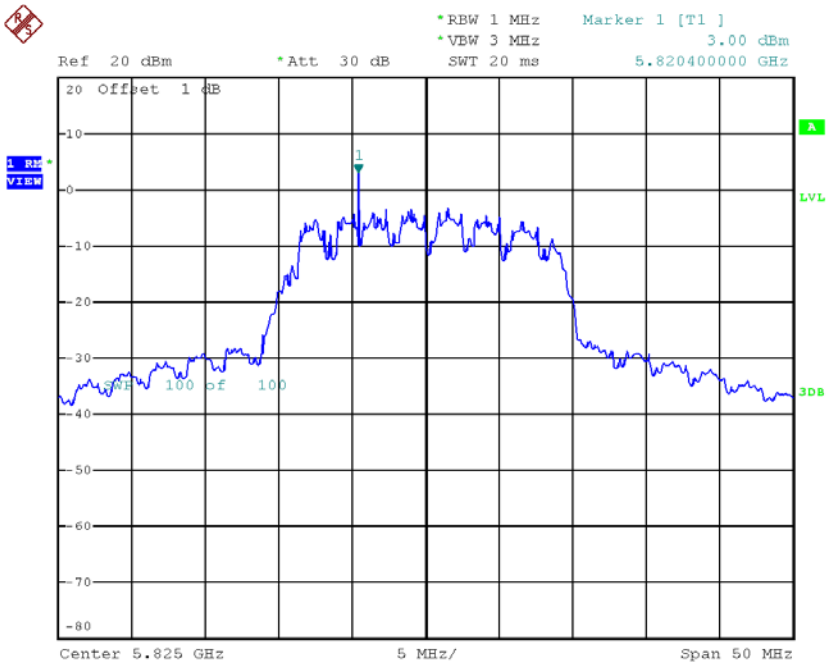


TX CH157



Date: 1.NOV.2017 11:19:24

TX CH165

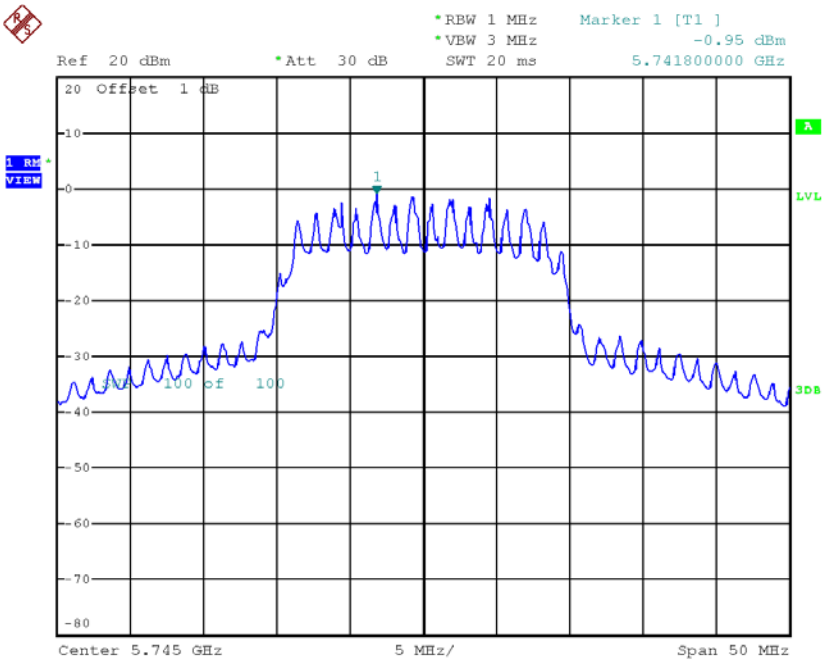


Date: 1.NOV.2017 11:25:10

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 2

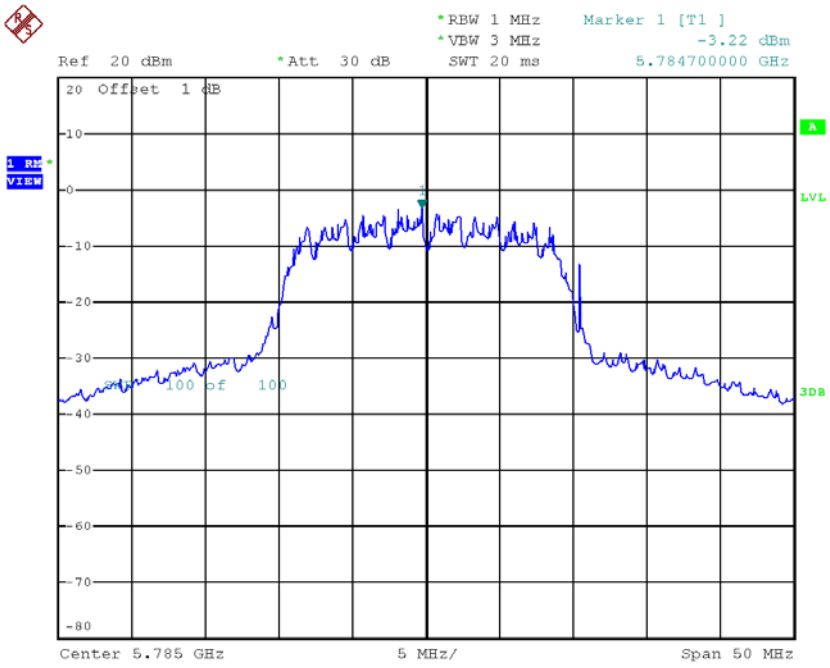
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.95	1.80	0.85	30.00
CH157	5785	-3.22	1.80	-1.42	30.00
CH165	5825	5.50	1.80	7.30	30.00

TX CH149



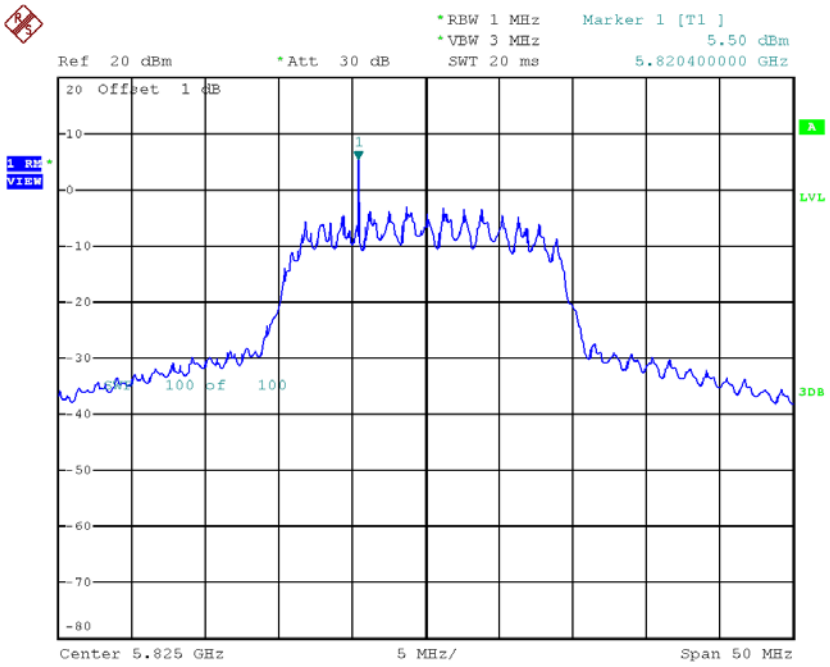
Date: 1.NOV.2017 11:18:23

TX CH157



Date: 1.NOV.2017 11:18:54

TX CH165



Date: 1.NOV.2017 11:25:55

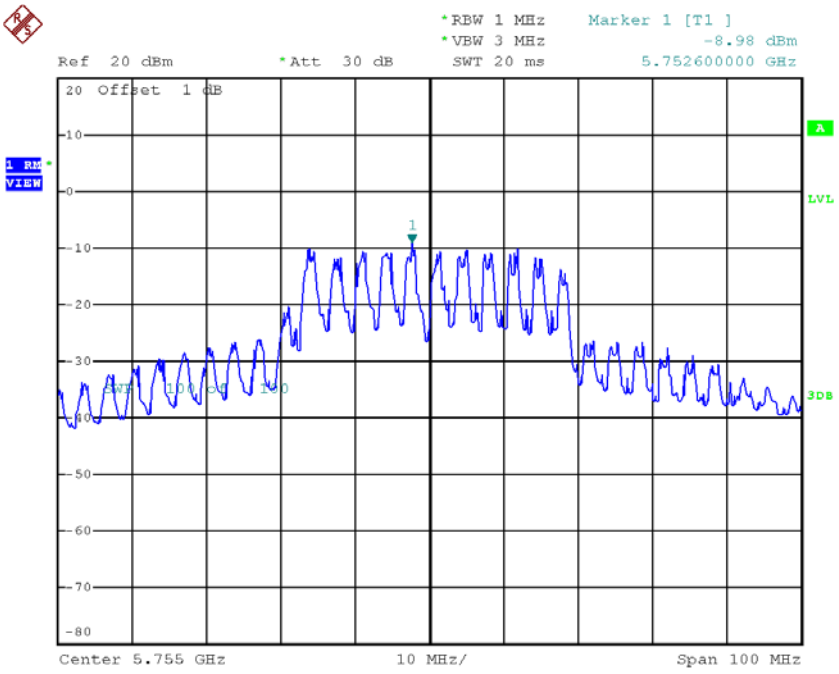
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	3.94	30.00
CH157	5785	2.94	30.00
CH165	5825	9.24	30.00

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

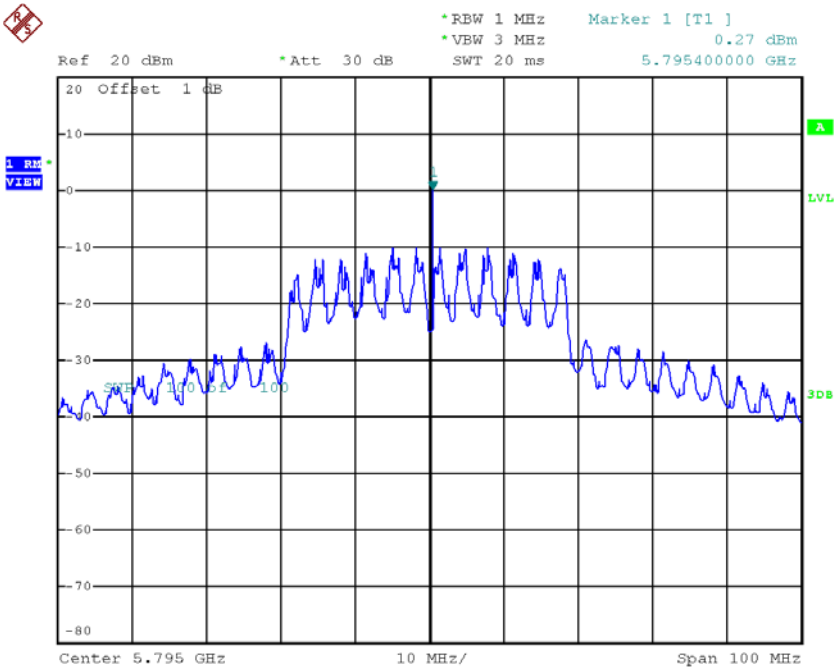
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-8.98	2.95	-6.03	30.00
CH159	5795	0.27	2.95	3.22	30.00

TX CH151



Date: 1.NOV.2017 11:47:03

TX CH159

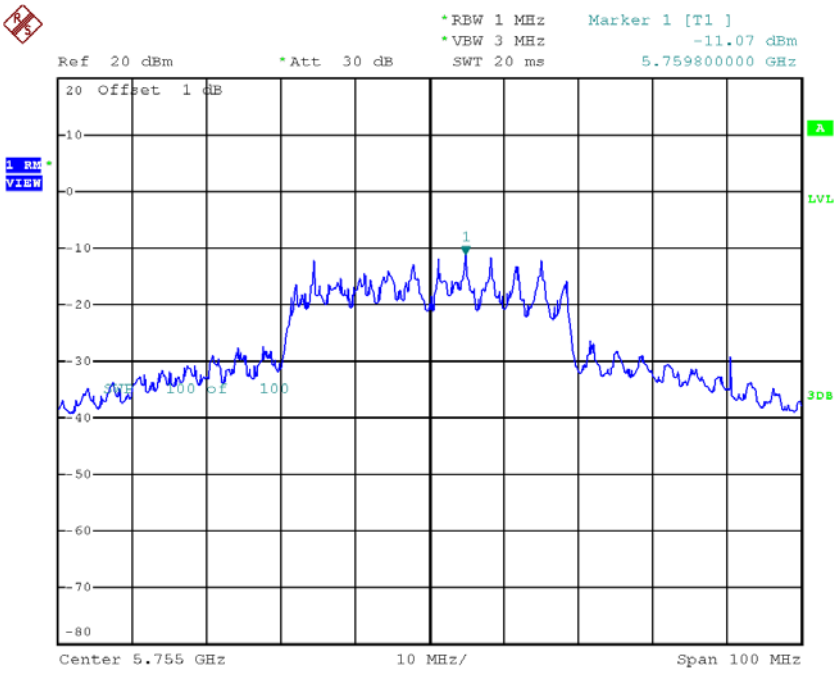


Date: 1.NOV.2017 11:48:46

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

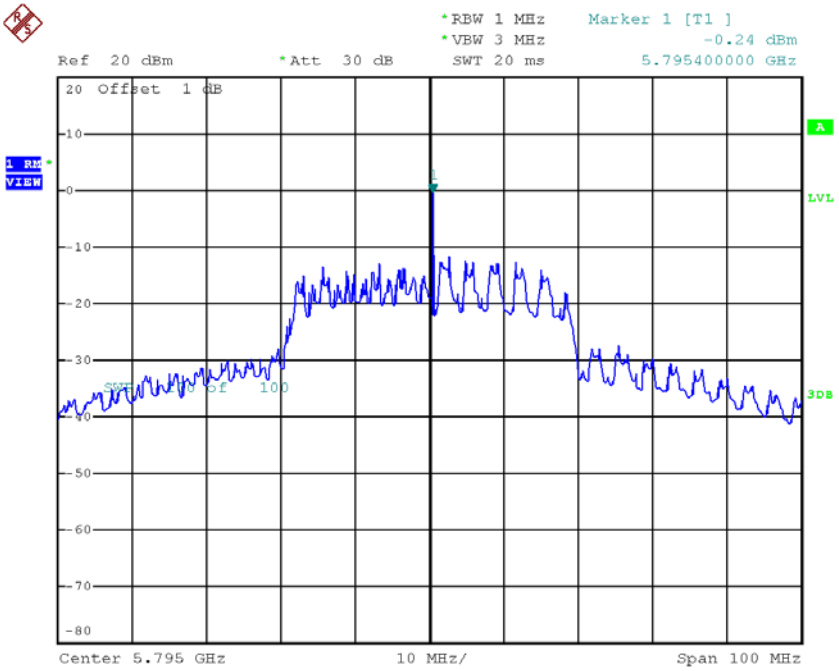
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-11.07	2.95	-8.12	30.00
CH159	5795	-0.24	2.95	2.71	30.00

TX CH151



Date: 1.NOV.2017 11:46:36

TX CH159



Date: 1.NOV.2017 11:49:43

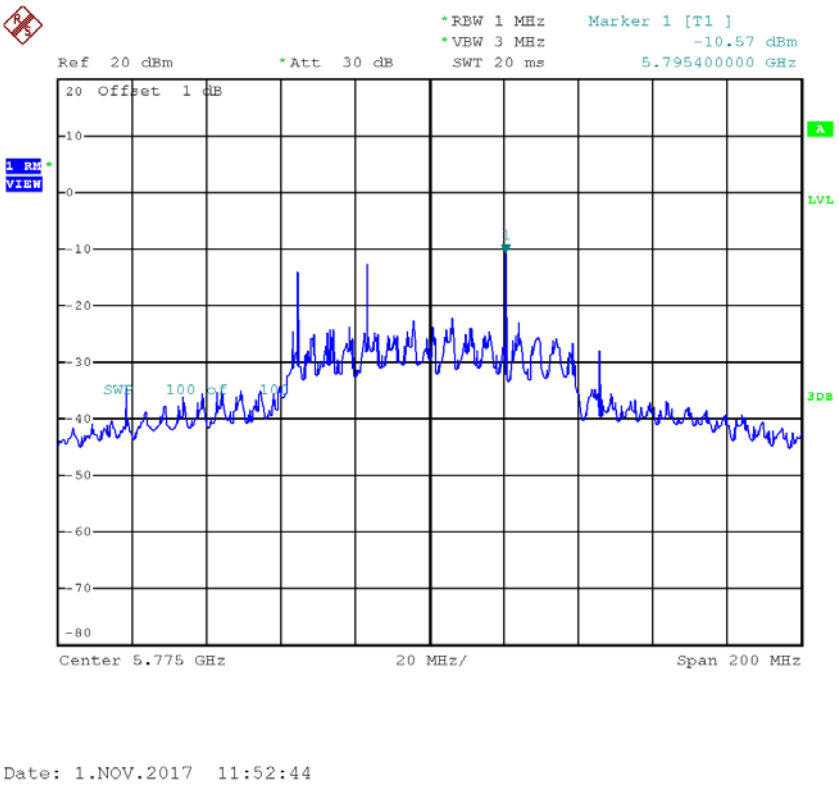
Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-3.94	30.00
CH159	5795	5.98	30.00

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	-10.57	5.12	-5.45	30.00

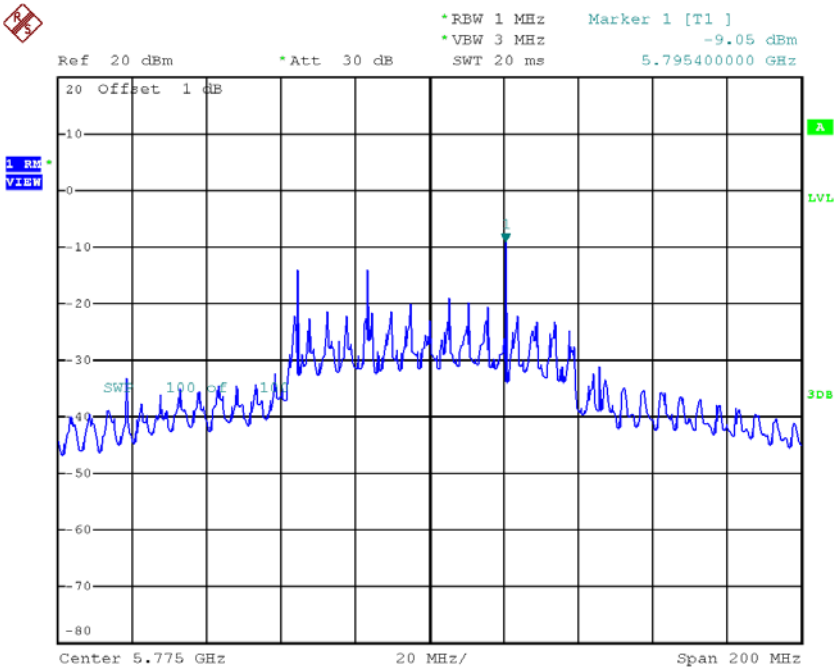
TX CH155



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	-9.05	5.12	-3.93	30.00

TX CH155



Date: 1.NOV.2017 11:54:06

Test Mode: UNII-3/ TX AC80 Mode_CH155_Total			

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-1.61	30.00

APPENDIX H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0000
120	5180.0000
108	5180.0000
Max. Deviation (MHz)	0.0000
Max. Deviation (ppm)	0.0000

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5180.0150
5	5180.0000
15	5180.0150
25	5179.9999
35	5180.0200
45	5180.0150
50	5180.0000
Max. Deviation (MHz)	0.0200
Max. Deviation (ppm)	3.8610

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9950
120	5744.9950
108	5744.9950
Max. Deviation (MHz)	0.0050
Max. Deviation (ppm)	0.8703

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5745.0000
5	5744.9950
15	5745.0000
25	5745.0150
35	5745.0000
45	5744.9999
50	5744.9950
Max. Deviation (MHz)	0.0150
Max. Deviation (ppm)	2.6110