Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5805MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11610.00	52.90	5.06	57.96	74.00	-16.04	peak	
2	*	11610.00	39.85	5.06	44.91	54.00	-9.09	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5805MHz
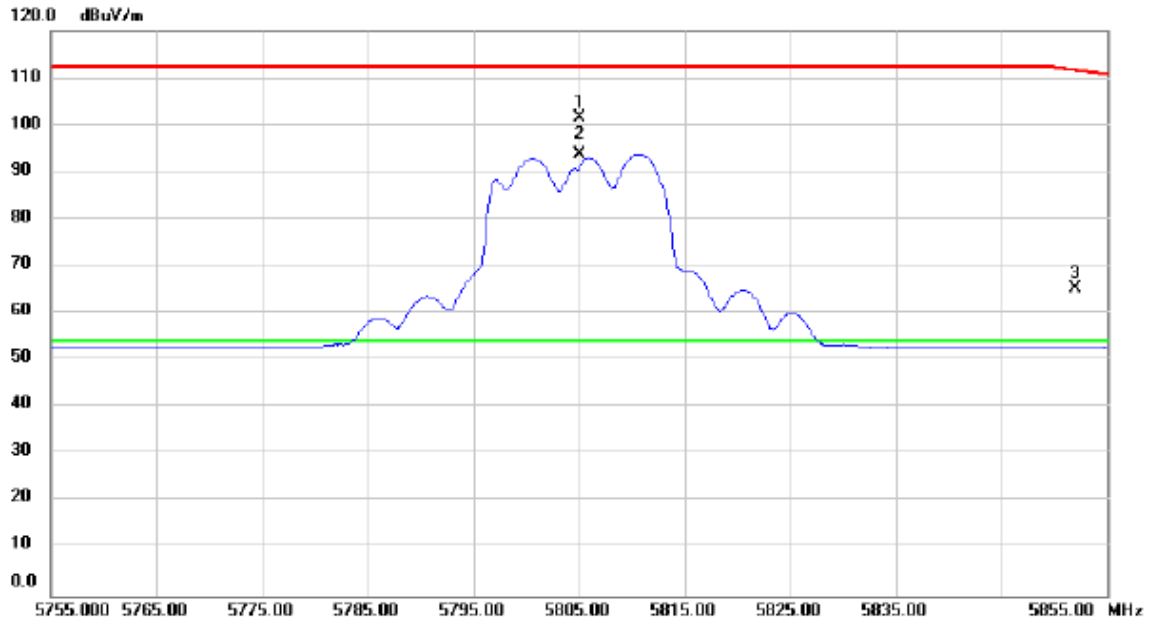
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5805.000	61.71	39.76	101.47	112.20	-10.73	peak	
2	*	5805.000	54.10	39.76	93.86	54.00	39.86	AVG	No Limit
3		5851.950	25.39	39.89	65.28	111.65	-46.37	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5805MHz
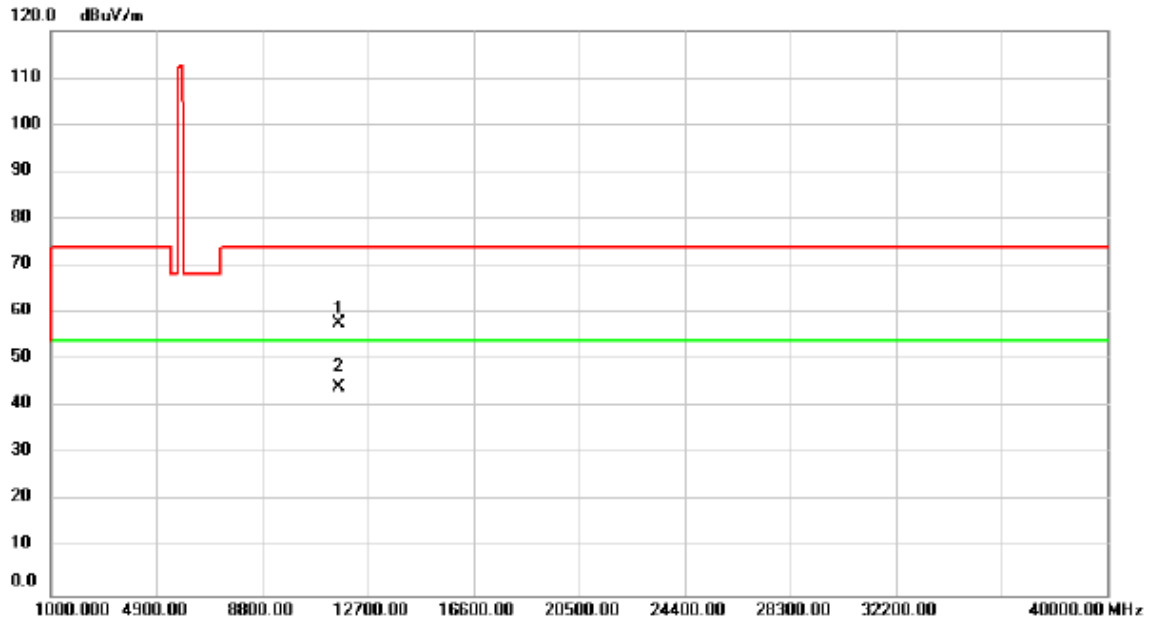
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11610.00	52.56	5.06	57.62	74.00	-16.38	peak	
2	*	11610.00	39.05	5.06	44.11	54.00	-9.89	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz
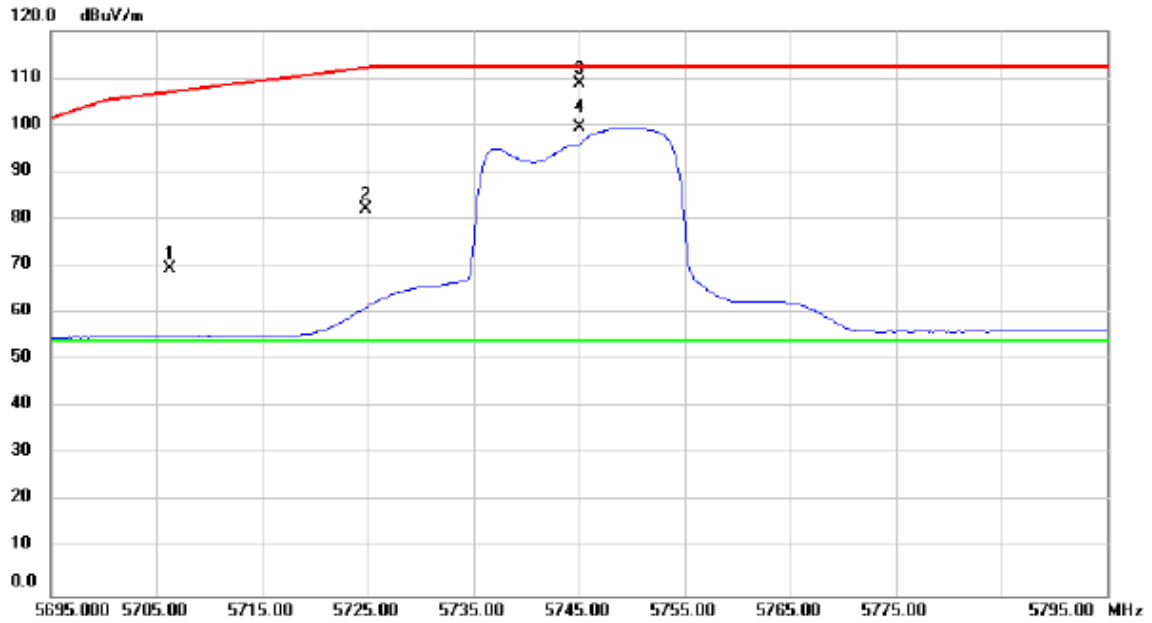
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5706.280	30.07	39.47	69.54	106.96	-37.42	peak	
2		5724.765	42.58	39.52	82.10	112.13	-30.03	peak	
3		5745.000	69.06	39.58	108.64	112.20	-3.56	peak	
4	*	5745.000	59.80	39.58	99.38	54.00	45.38	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz
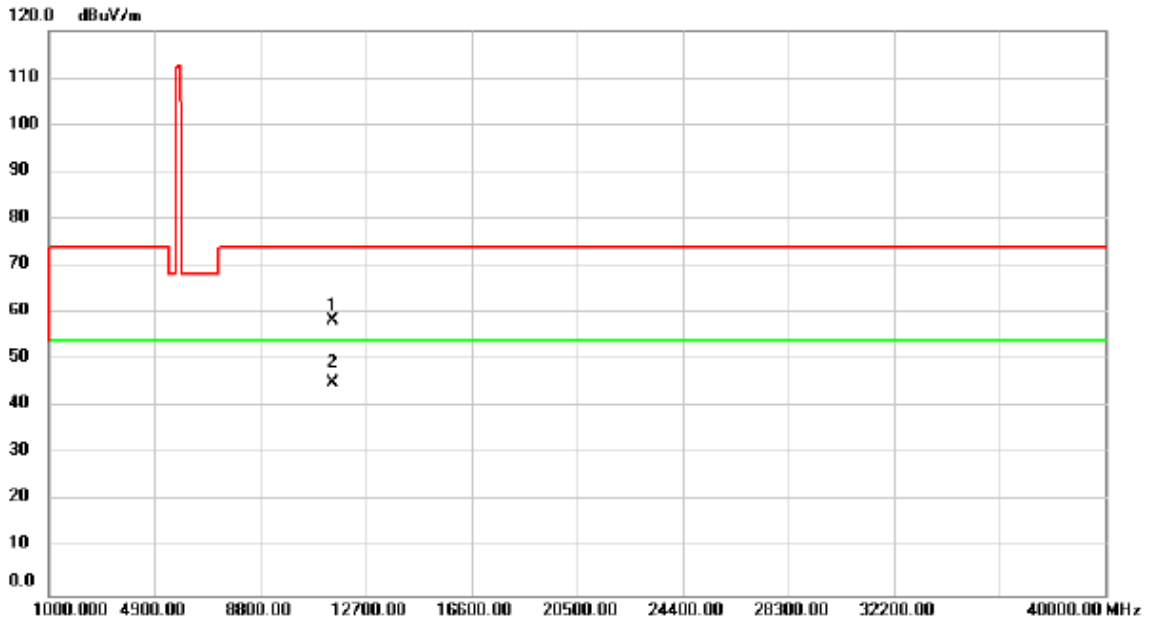
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	53.23	5.23	58.46	74.00	-15.54	peak	
2	*	11490.00	39.78	5.23	45.01	54.00	-8.99	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz
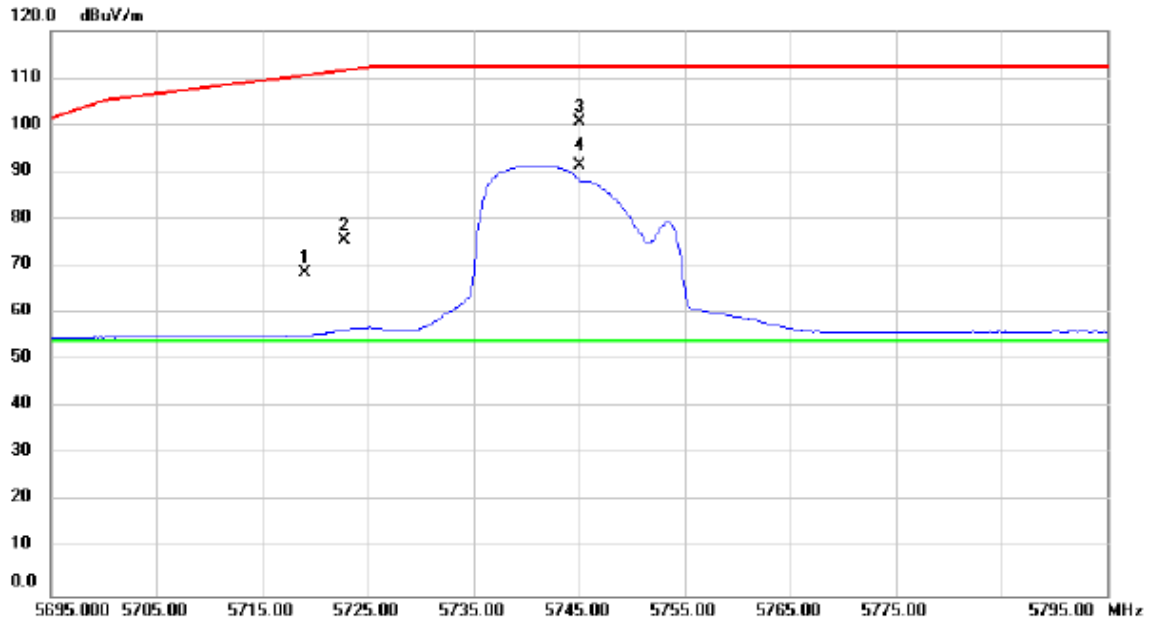
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5719.060	29.07	39.51	68.58	110.54	-41.96	peak	
2		5722.790	36.07	39.51	75.58	111.58	-36.00	peak	
3		5745.000	61.09	39.58	100.67	112.20	-11.53	peak	
4	*	5745.000	51.73	39.58	91.31	54.00	37.31	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz
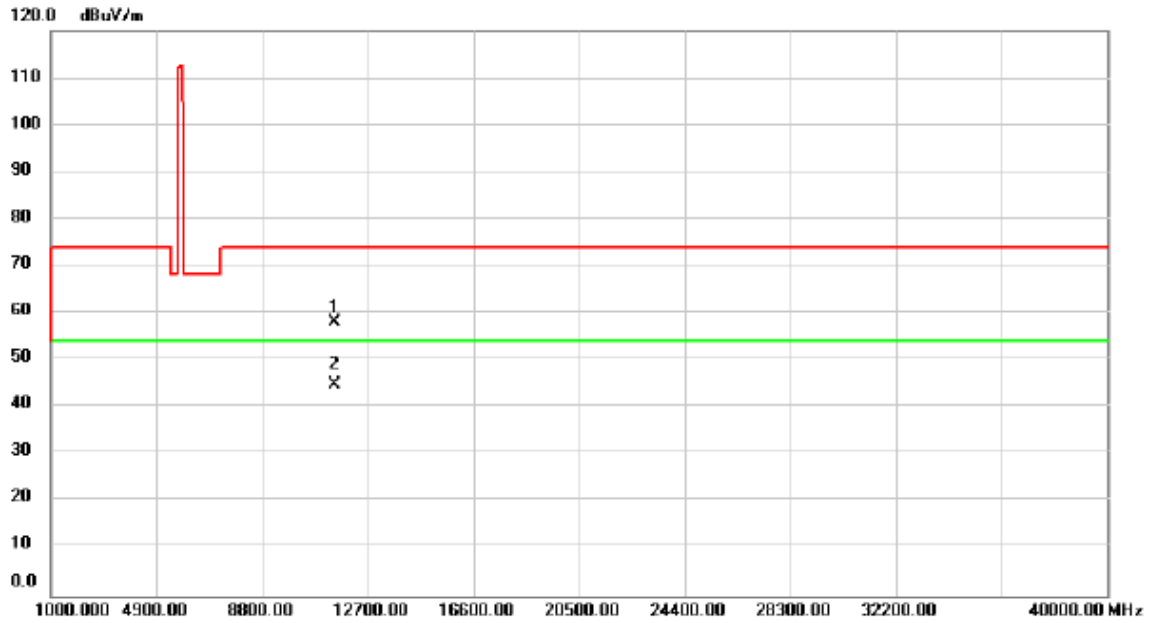
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	52.73	5.23	57.96	74.00	-16.04	peak	
2	*	11490.00	39.75	5.23	44.98	54.00	-9.02	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz
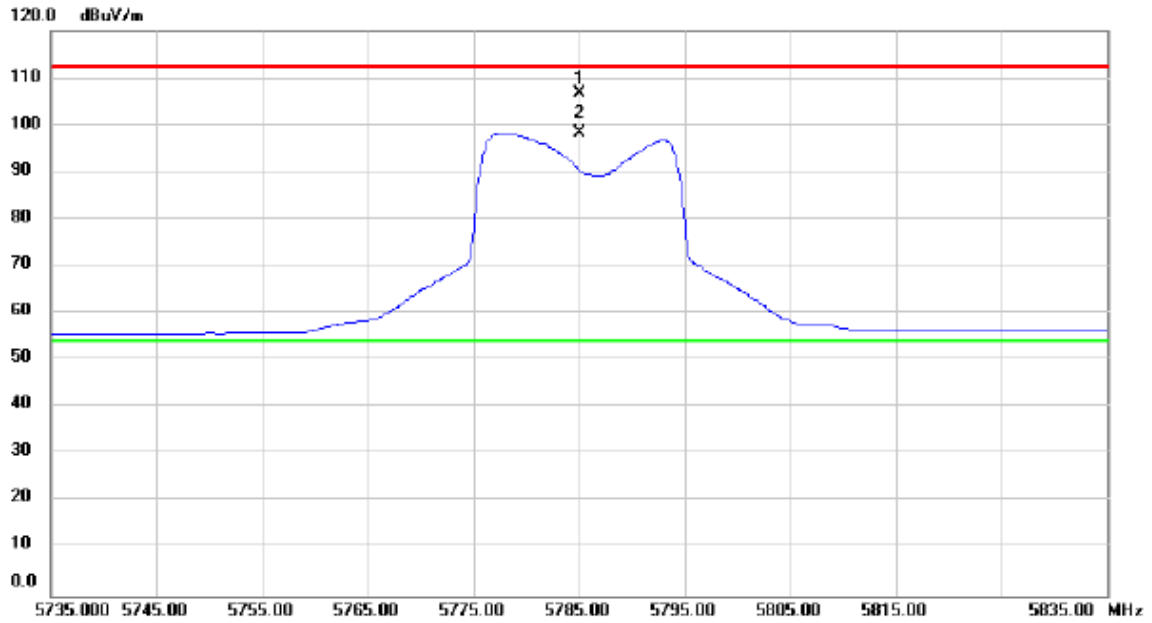
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		5785.000	66.89	39.70	106.59	112.20	-5.61	peak	
2	*	5785.000	58.65	39.70	98.35	54.00	44.35	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz
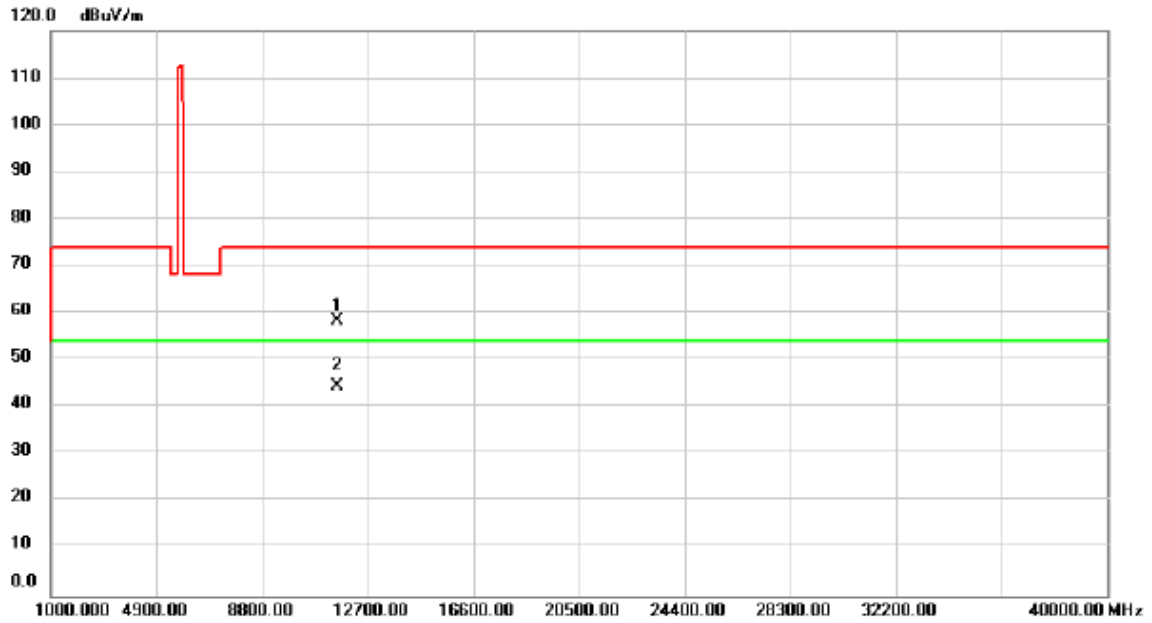
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	53.09	5.13	58.22	74.00	-15.78	peak	
2	*	11570.00	39.31	5.13	44.44	54.00	-9.56	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5785.000	60.00	39.70	99.70	112.20	-12.50	peak	
2	*	5785.000	51.10	39.70	90.80	54.00	36.80	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz
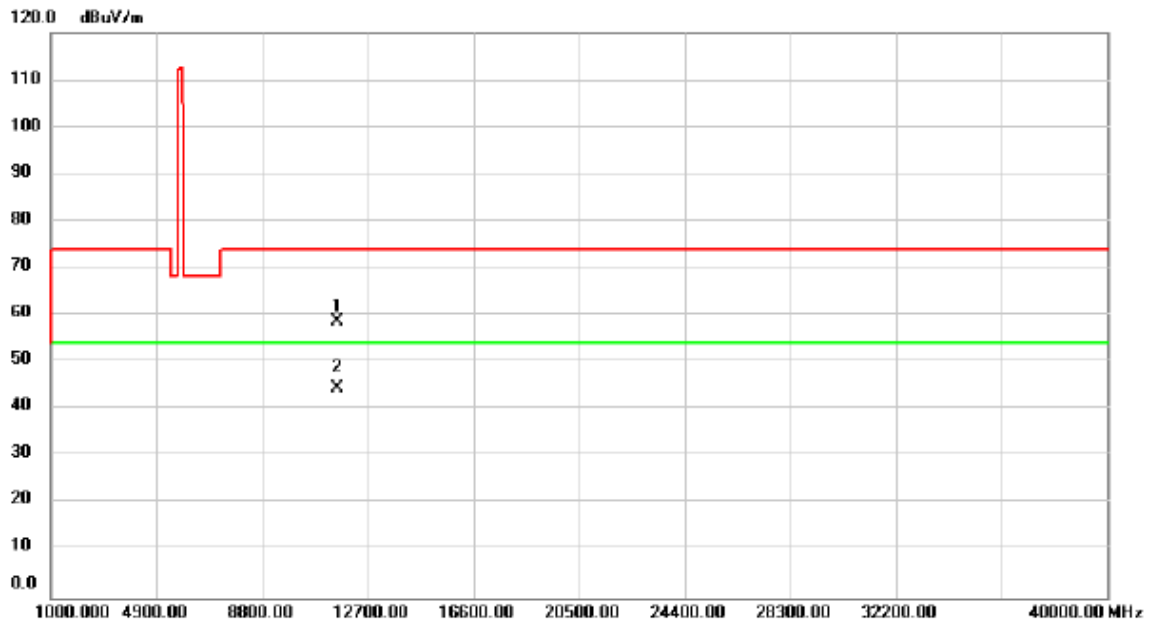
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	53.47	5.13	58.60	74.00	-15.40	peak	
2	*	11570.00	39.31	5.13	44.44	54.00	-9.56	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5805MHz

Vertical
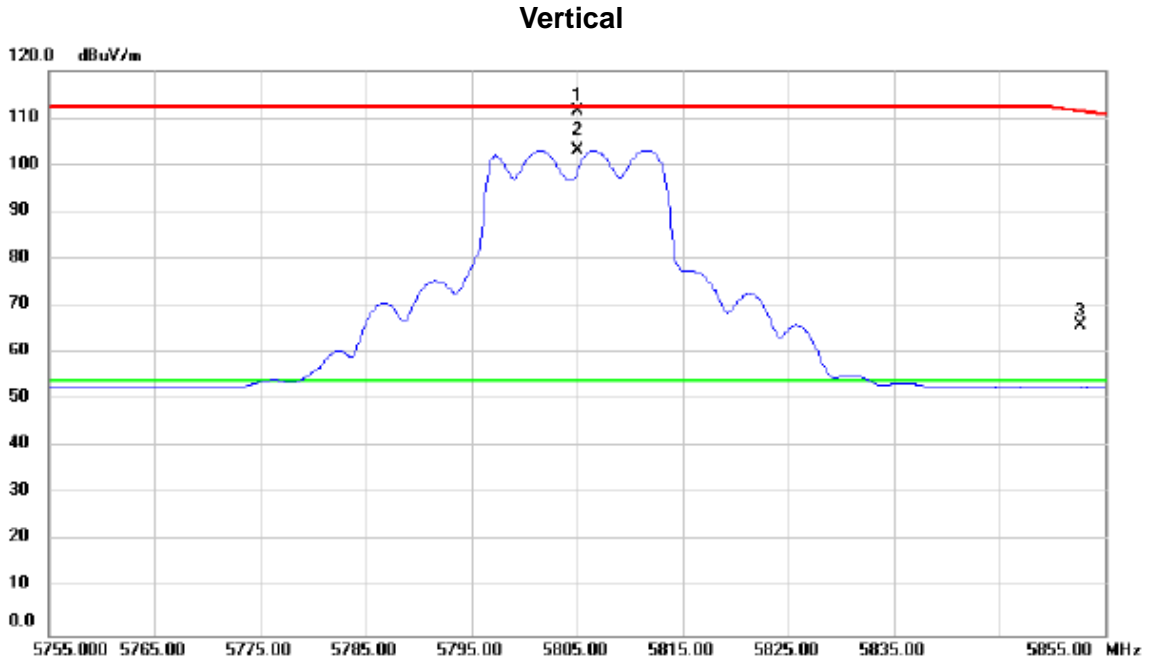
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5805.000	71.59	39.76	111.35	112.20	-0.85	peak	
2	*	5805.000	63.44	39.76	103.20	54.00	49.20	AVG	No Limit
3		5852.685	26.03	39.89	65.92	111.45	-45.53	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5805MHz
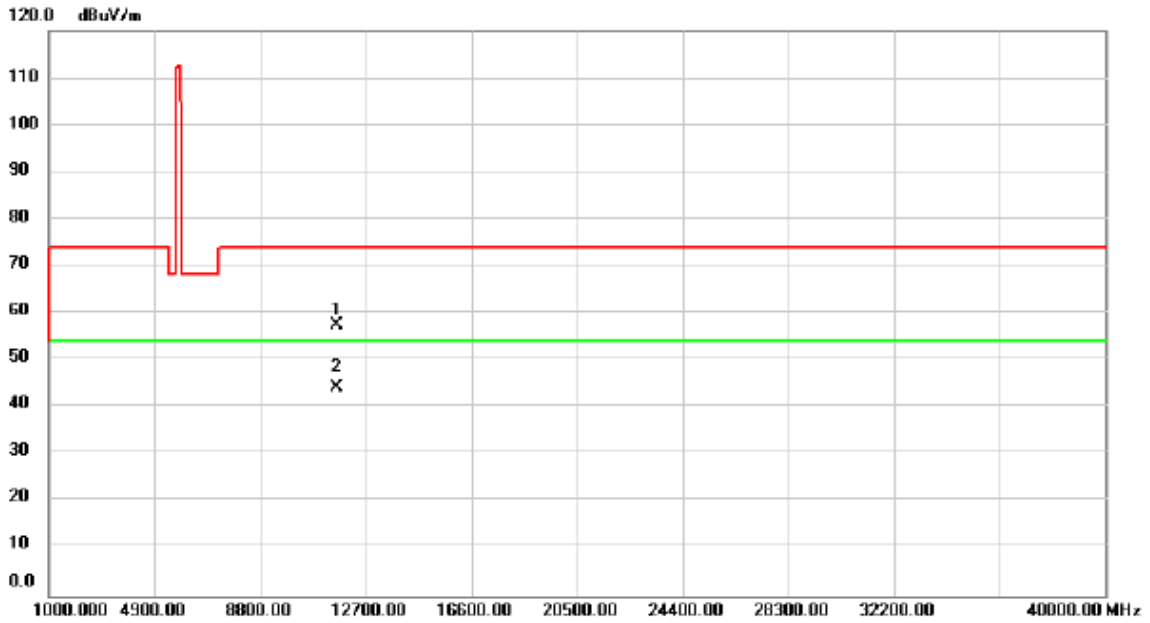
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11610.00	52.37	5.06	57.43	74.00	-16.57	peak	
2	*	11610.00	39.07	5.06	44.13	54.00	-9.87	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5805MHz
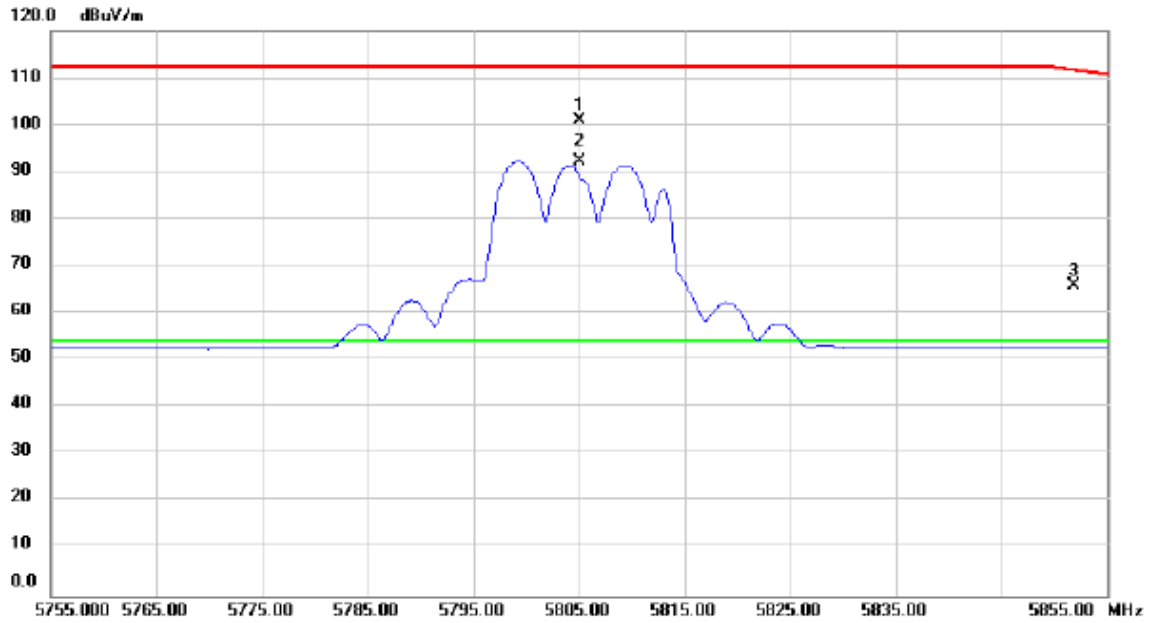
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		5805.000	61.11	39.76	100.87	112.20	-11.33	peak	
2	*	5805.000	52.50	39.76	92.26	54.00	38.26	AVG	No Limit
3		5851.825	25.91	39.89	65.80	111.69	-45.89	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5805MHz
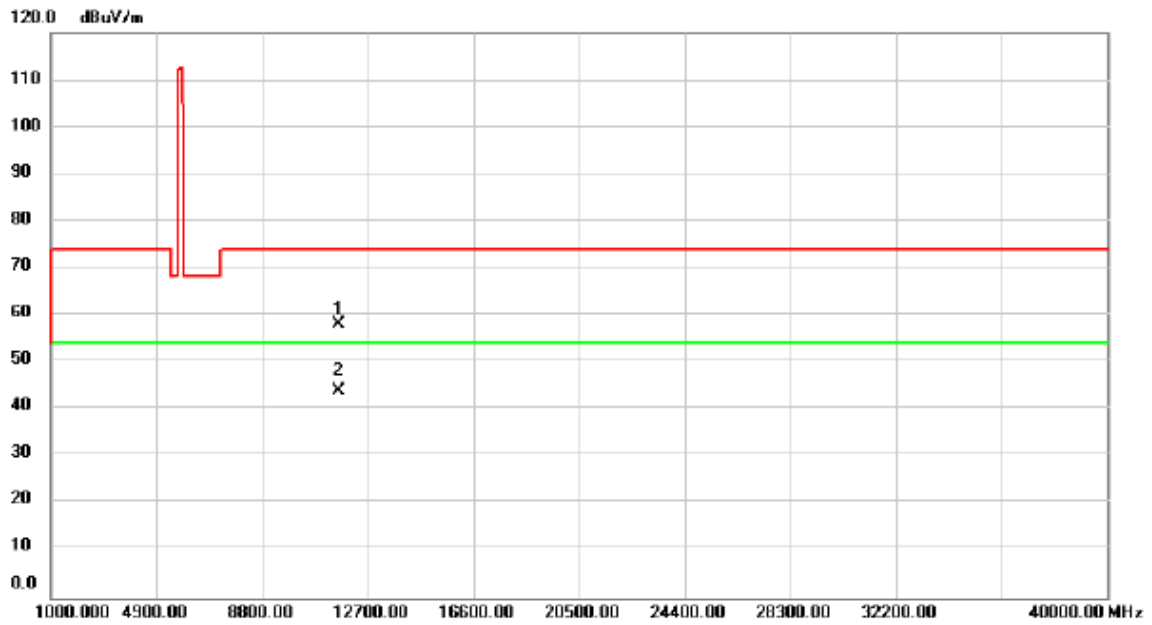
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11610.00	53.05	5.06	58.11	74.00	-15.89	peak	
2	*	11610.00	39.03	5.06	44.09	54.00	-9.91	AVG	
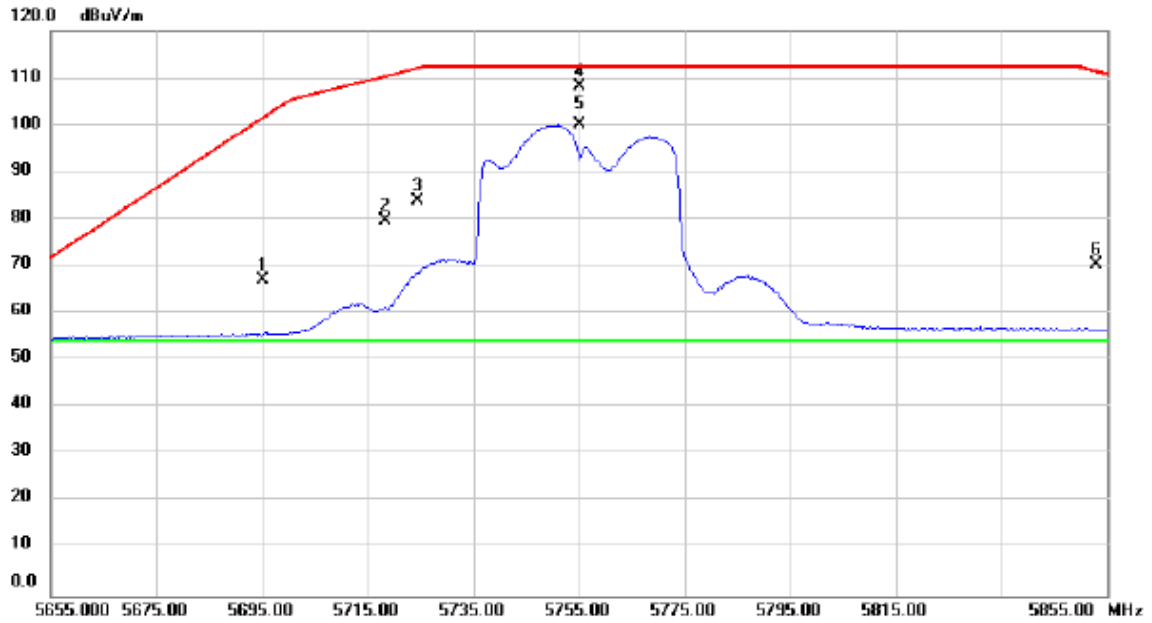
![BTL logo]

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5695.000	27.67	39.43	67.10	101.50	-34.40	peak	
2		5718.400	40.05	39.51	79.56	110.35	-30.79	peak	
3		5724.335	44.25	39.52	83.77	112.01	-28.24	peak	
4		5755.000	68.66	39.61	108.27	112.20	-3.93	peak	
5	*	5755.000	60.32	39.61	99.93	54.00	45.93	AVG	No Limit
6		5852.905	30.42	39.89	70.31	111.39	-41.08	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz
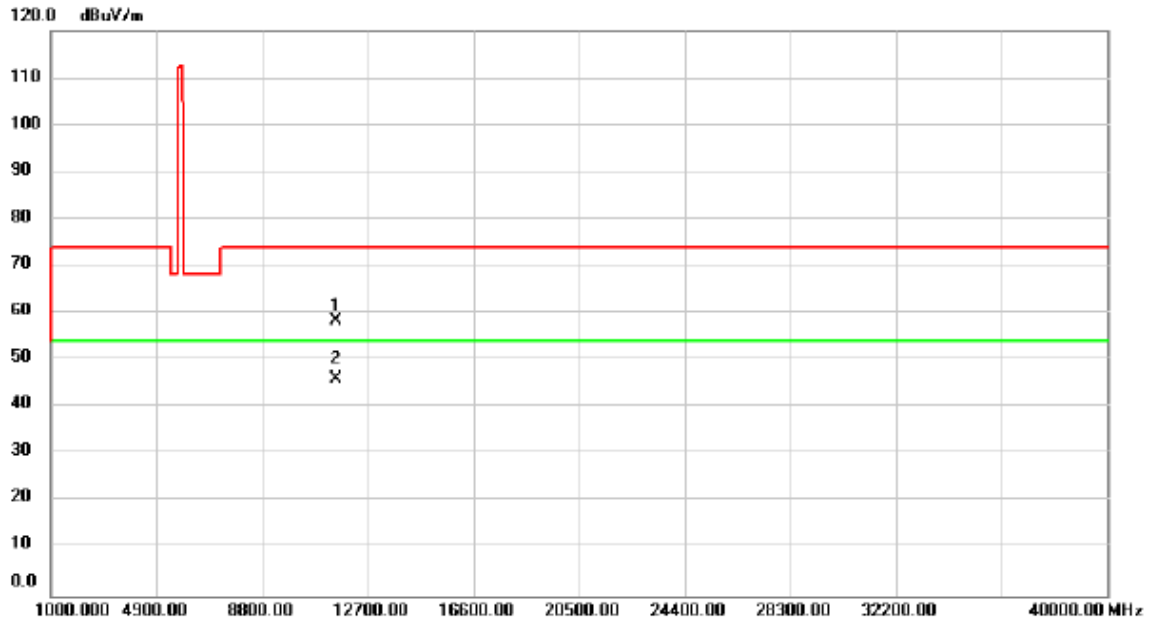
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11510.00	53.12	5.23	58.35	74.00	-15.65	peak	
2	*	11510.00	40.73	5.23	45.96	54.00	-8.04	AVG	

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5674.035	27.38	39.37	66.75	85.99	-19.24	peak	
2		5718.340	33.48	39.51	72.99	110.34	-37.35	peak	
3		5721.645	36.02	39.51	75.53	111.26	-35.73	peak	
4		5755.000	59.85	39.61	99.46	112.20	-12.74	peak	
5	*	5755.000	51.91	39.61	91.52	54.00	37.52	AVG	No Limit
6		5853.020	30.25	39.89	70.14	111.35	-41.21	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

Horizontal
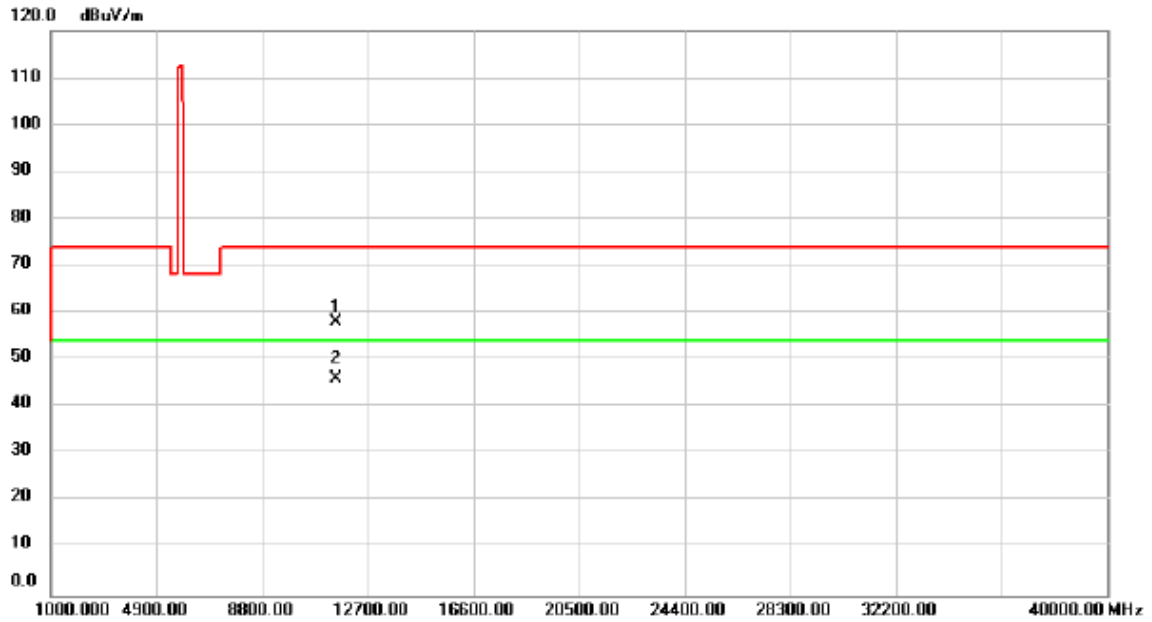
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11510.00	52.84	5.23	58.07	74.00	-15.93	peak	
2	*	11510.00	40.82	5.23	46.05	54.00	-7.95	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz
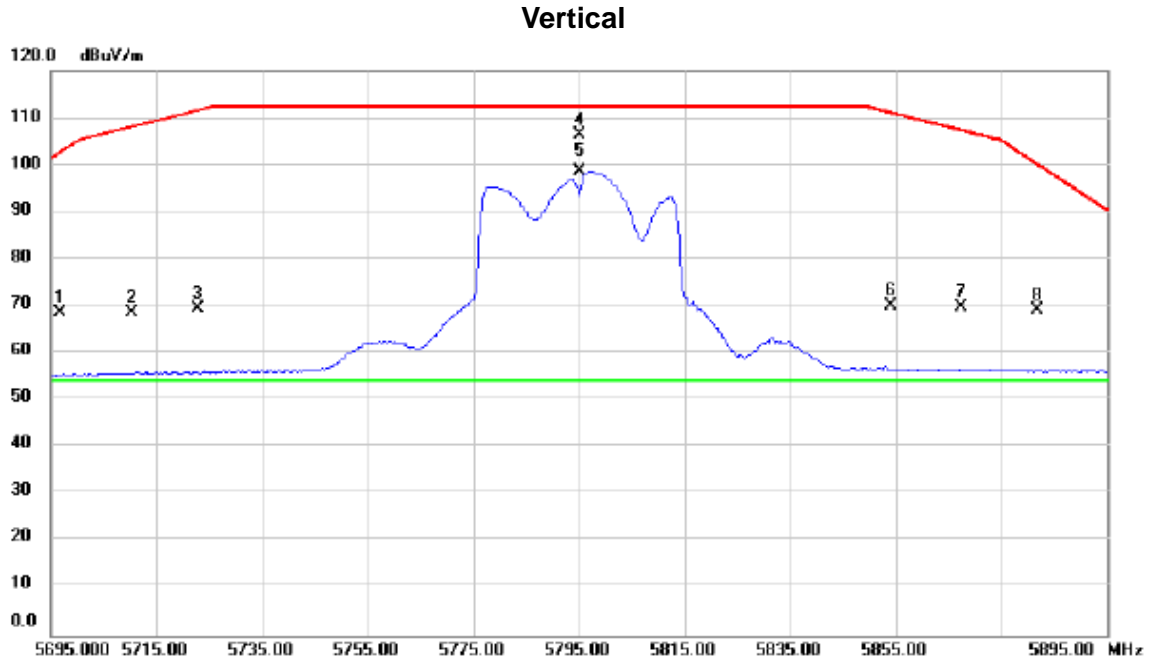
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5696.715	29.09	39.45	68.54	102.77	-34.23	peak	
2		5710.360	29.07	39.48	68.55	108.10	-39.55	peak	
3		5722.865	29.99	39.51	69.50	111.60	-42.10	peak	
4		5795.000	66.49	39.72	106.21	112.20	-5.99	peak	
5	*	5795.000	58.93	39.72	98.65	54.00	44.65	AVG	No Limit
6		5854.125	30.29	39.90	70.19	111.05	-40.86	peak	
7		5867.340	29.84	39.93	69.77	107.34	-37.57	peak	
8		5881.700	29.11	39.97	69.08	100.24	-31.16	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		11590.00	53.33	5.10	58.43	74.00	-15.57	peak	
2	*	11590.00	40.24	5.10	45.34	54.00	-8.66	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz
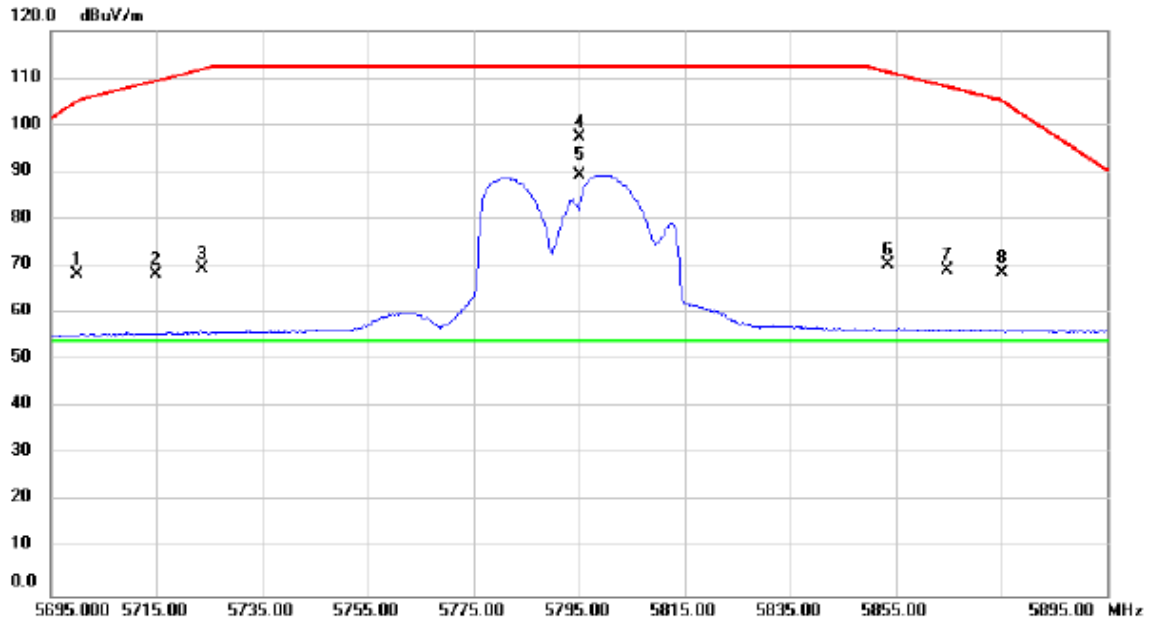
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5699.940	28.93	39.45	68.38	105.16	-36.78	peak	
2		5714.840	28.64	39.49	68.13	109.36	-41.23	peak	
3		5723.795	30.06	39.52	69.58	111.86	-42.28	peak	
4		5795.000	57.62	39.72	97.34	112.20	-14.86	peak	
5	*	5795.000	49.63	39.72	89.35	54.00	35.35	AVG	No Limit
6		5853.535	30.52	39.89	70.41	111.21	-40.80	peak	
7		5864.820	29.28	39.93	69.21	108.05	-38.84	peak	
8		5875.040	28.70	39.96	68.66	105.17	-36.51	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz
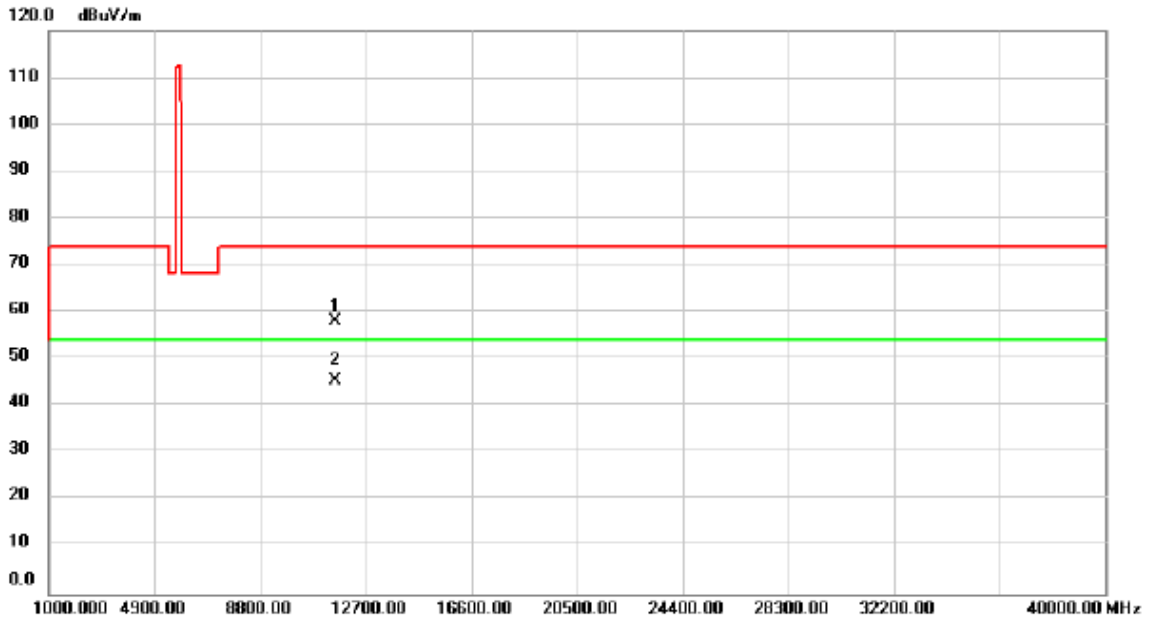
Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11590.00	53.09	5.10	58.19	74.00	-15.81	peak	
2	*	11590.00	40.39	5.10	45.49	54.00	-8.51	AVG	

TX A Mode_DUTY CYCLE
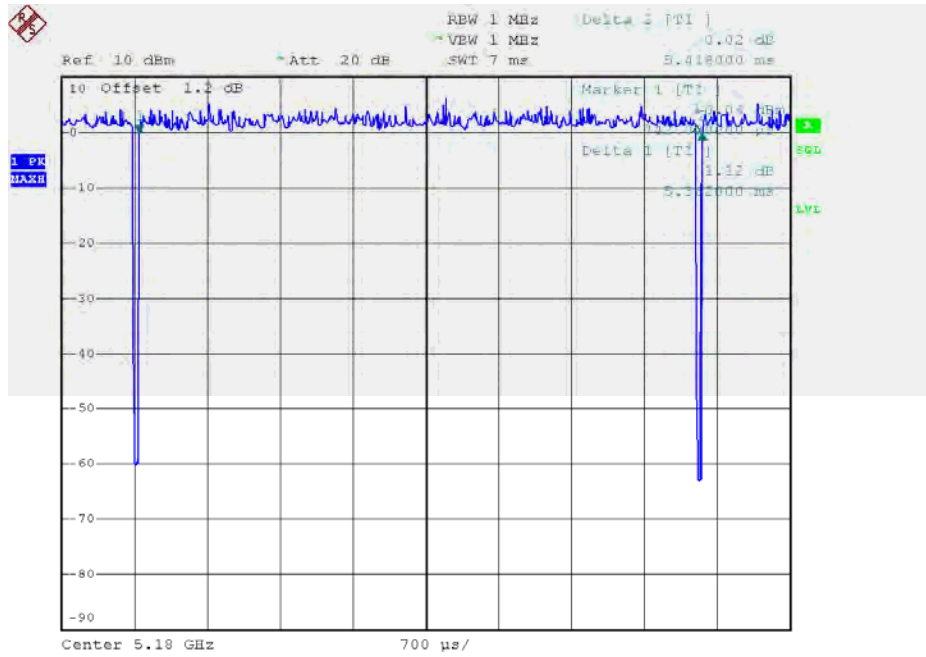
Date: 25.JUN.2016 14:39:42

Duty cycle: TX DUTYMHz

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

T_{ON}: 5.362 msec

T_{Total}: 5.418 msec

Duty cycle: 98.97%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.05

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 N20 Mode_DUTY CYCLE

Date: 25.JUN.2016 14:47:21

Duty cycle: TX DUTYMHz

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

T_{ON}: 4.96 msec

T_{Total}: 5.02 msec

Duty cycle: 98.8%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.05

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: 11.JUL.2016 18:43:17

Duty cycle: TX DUTYMHz

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

T_{ON}:2.398 msec

T_{Total}: 2.453 msec

Duty cycle: 97.76%

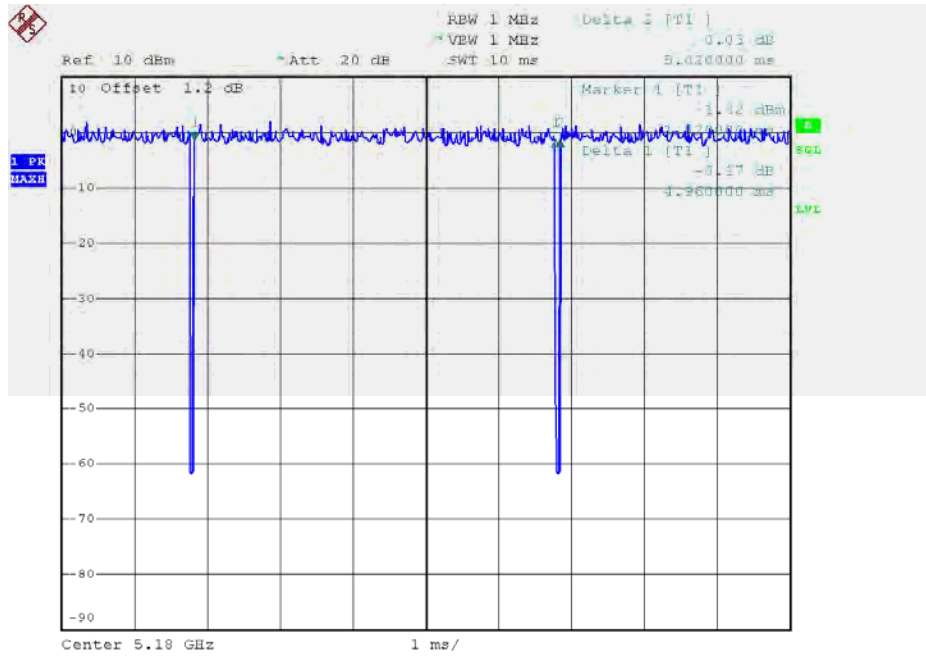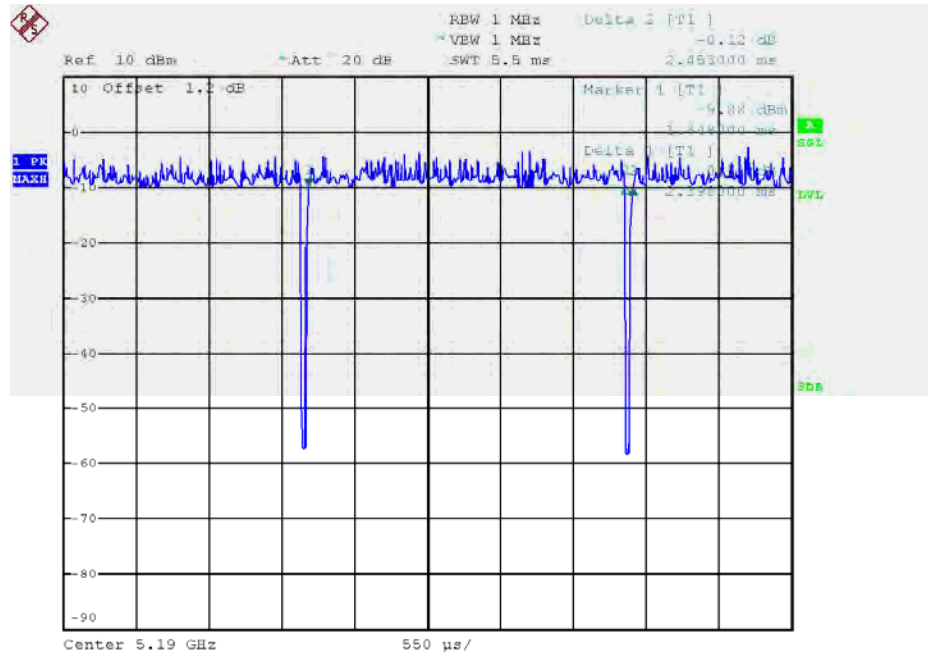Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.10

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_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	31.89	18.20
CH40	5200	28.29	17.80
CH48	5240	28.49	17.90

TX CH36
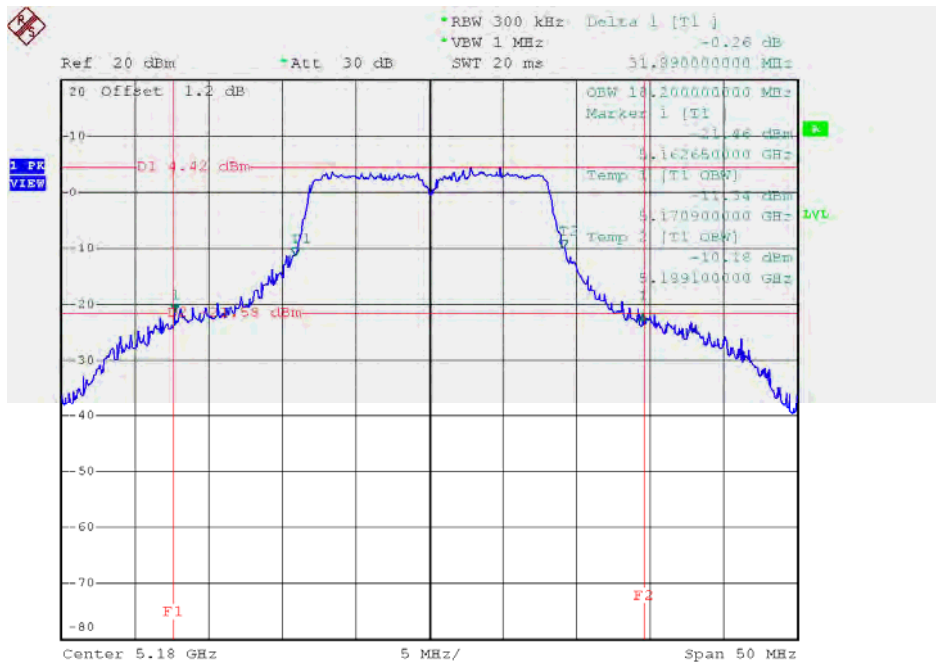
Date: 25.JUN.2016 11:19:23

TX CH40

Date: 25.JUN.2016 11:22:08

TX CH48
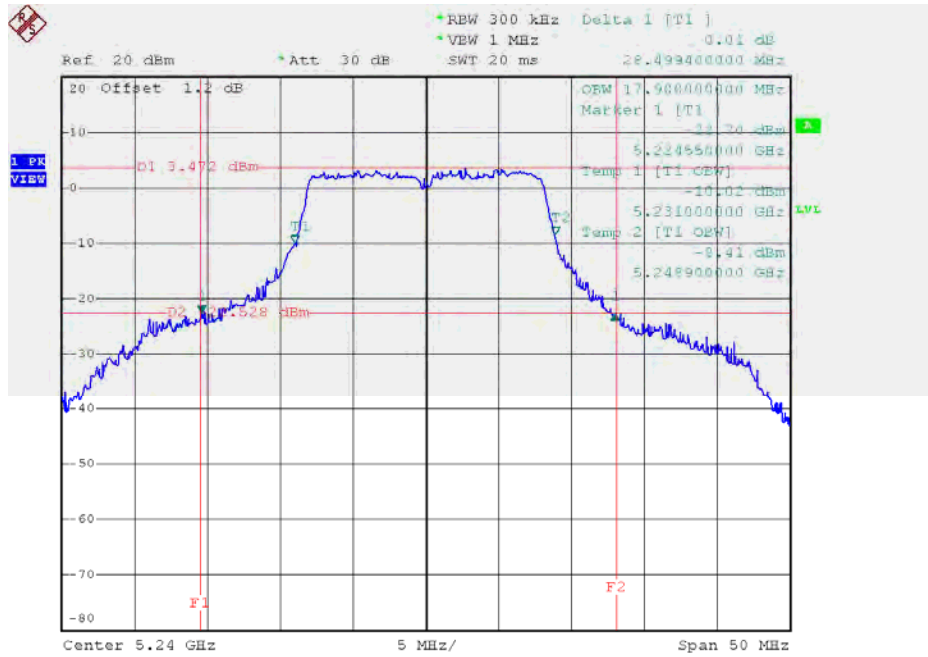
Date: 25.JUN.2016 11:24:35

Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	25.49	17.50
CH40	5200	27.69	17.50
CH48	5240	25.99	17.30

TX CH36

Date: 25.JUN.2016 14:39:06

TX CH40
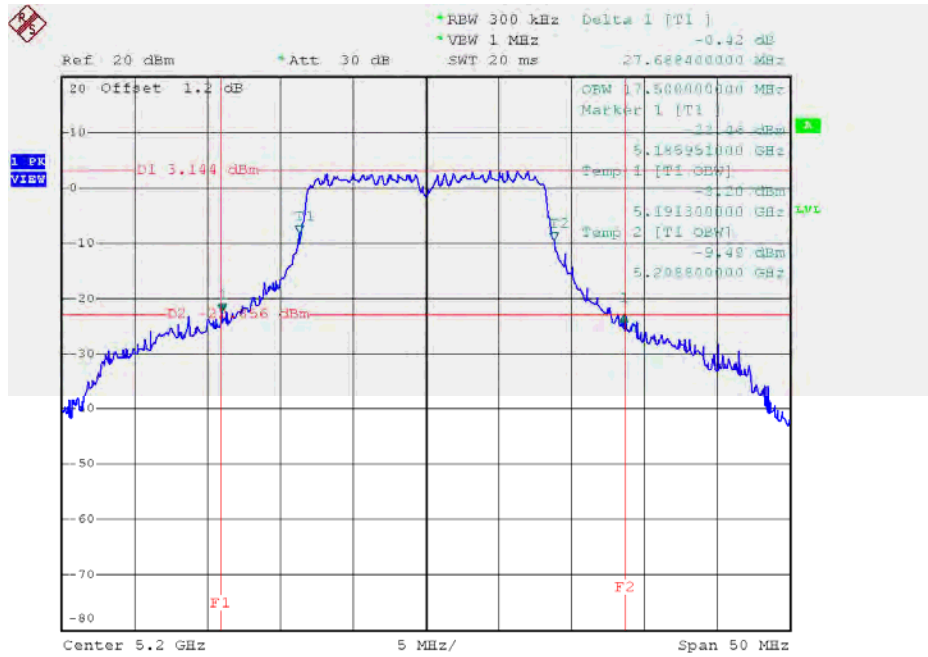
Date: 25.JUN.2016 14:42:02

TX CH48
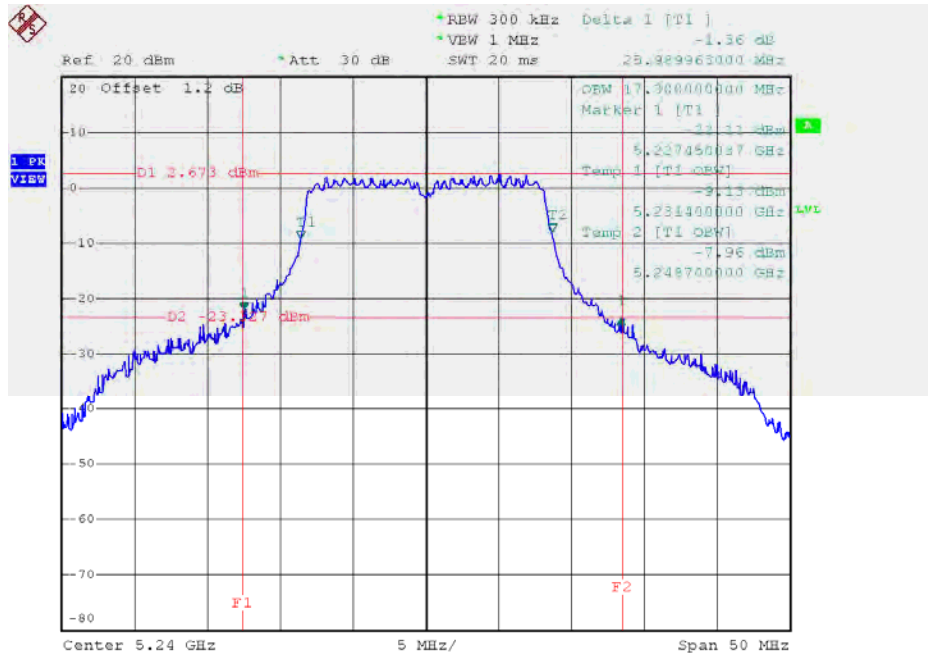
Date: 25.JUN.2016 14:44:02

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	26.29	18.60
CH40	5200	26.09	18.60
CH48	5240	25.85	18.50

TX CH36
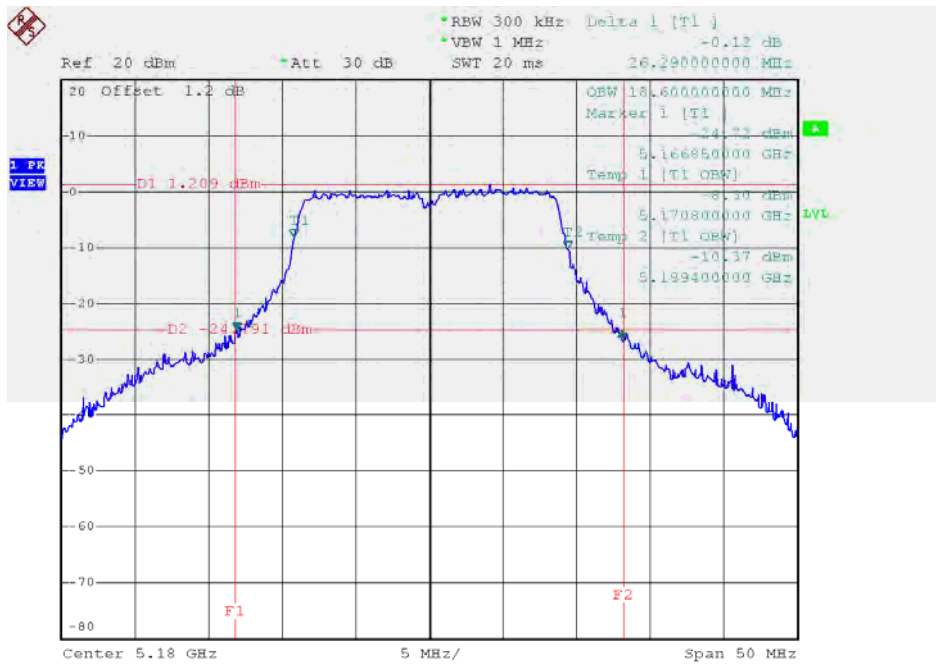
Date: 25.JUN.2016 11:26:39

TX CH40
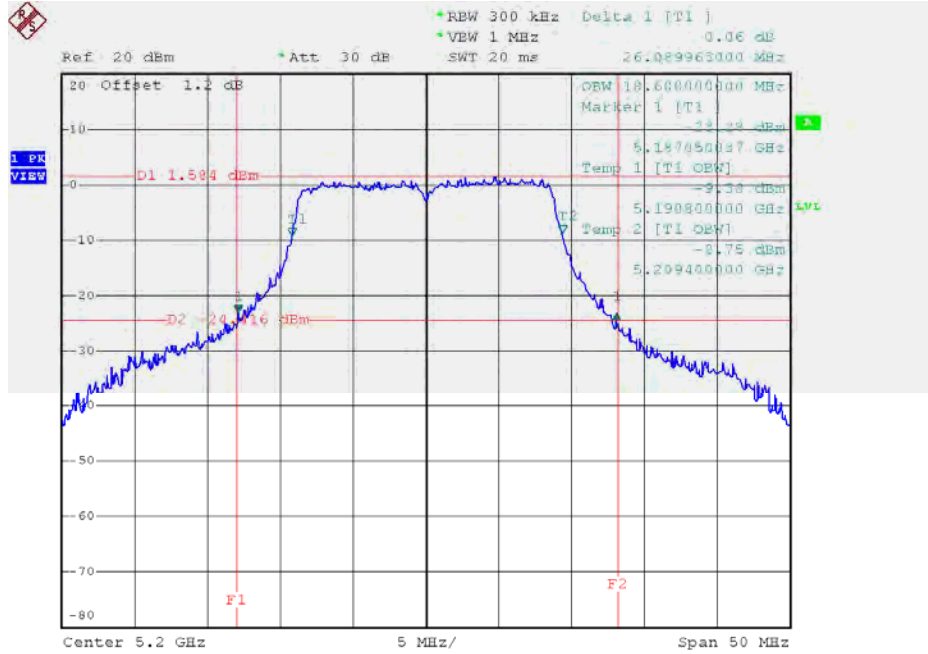
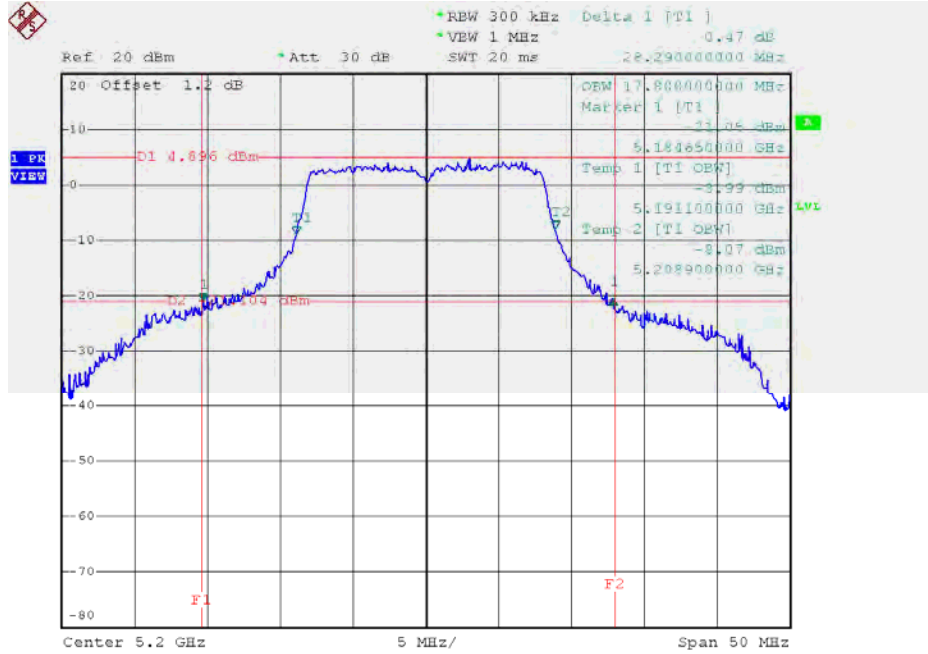Date: 25.JUN.2016 11:29:09

TX CH48
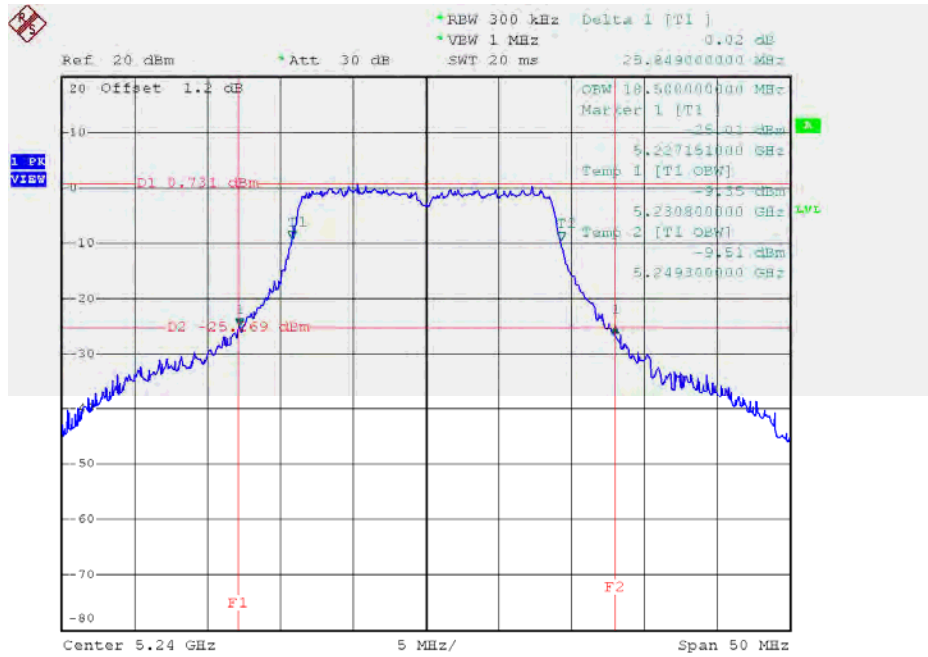
Date: 25.JUN.2016 11:30:26

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	26.89	18.50
CH40	5200	26.45	18.50
CH48	5240	26.09	18.50

TX CH36

Date: 25.JUN.2016 14:46:45

TX CH40
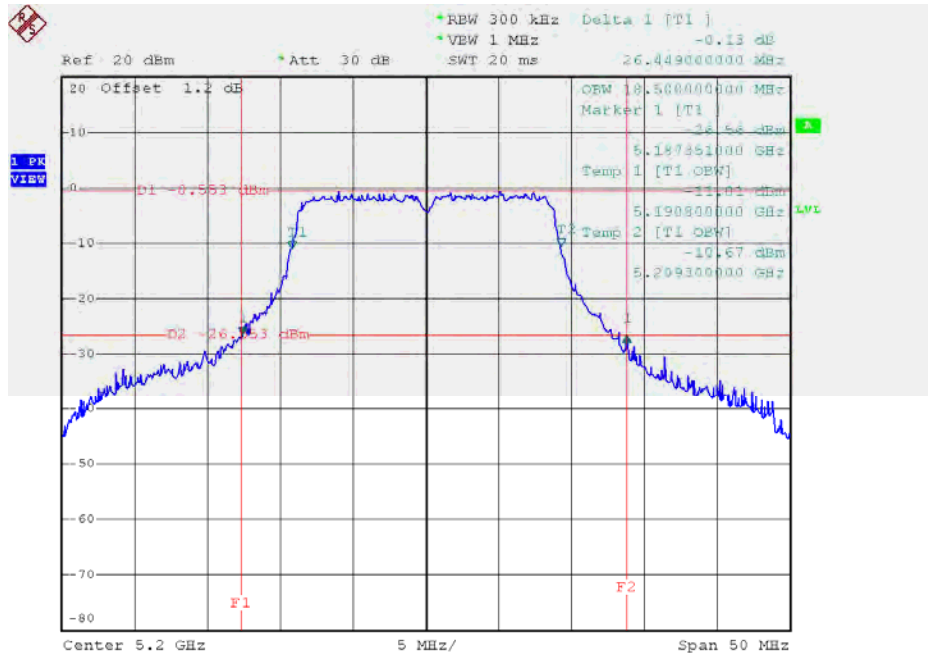
Date: 25.JUN.2016 14:48:52

TX CH48
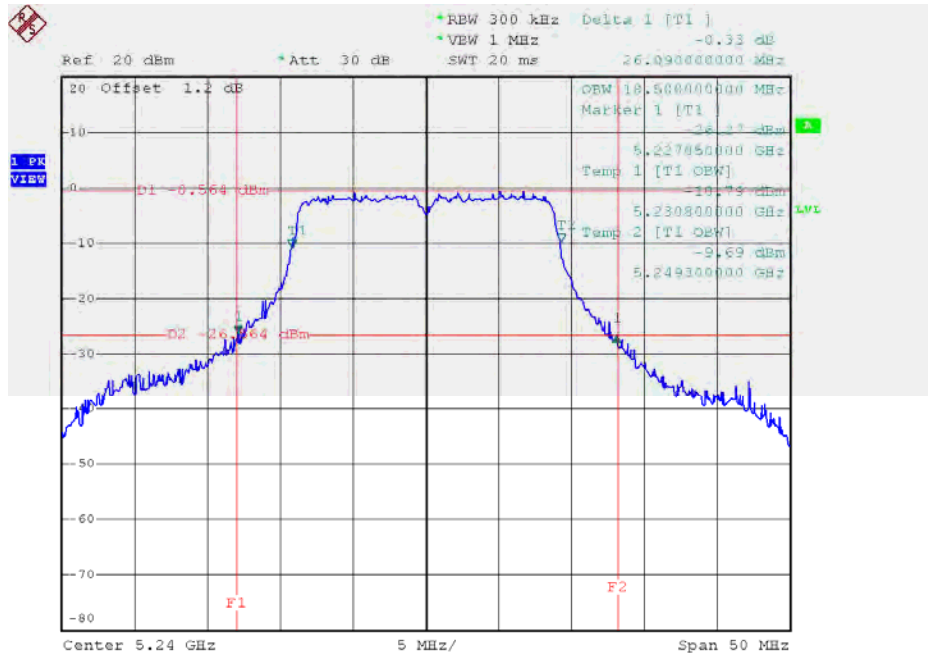
Date: 25.JUN.2016 14:51:21

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	42.10	36.20
CH46	5230	42.80	36.20

TX CH38

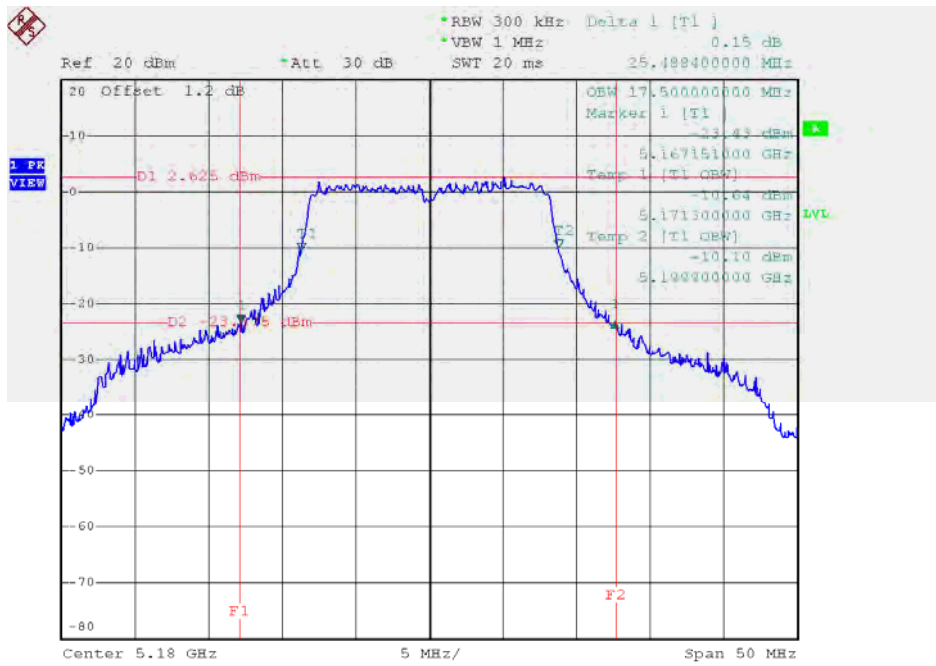Date: 11.JUL.2016 18:42:39

TX CH46
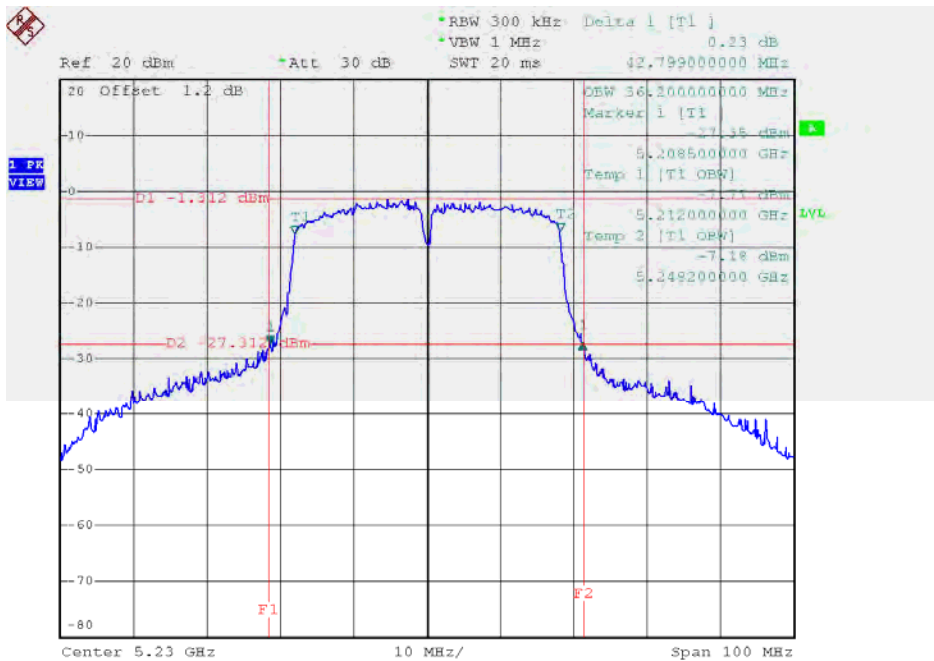
Date: 25.JUN.2016 11:34:59

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	42.01	36.20
CH46	5230	43.10	36.20

TX CH38
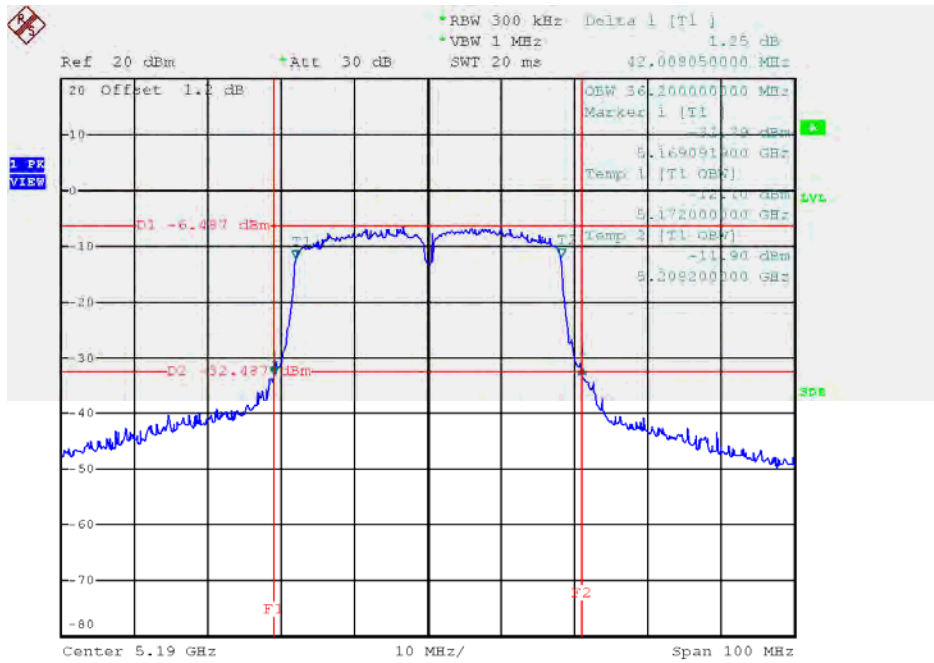
Date: 11.JUL.2016 18:24:03

TX CH46
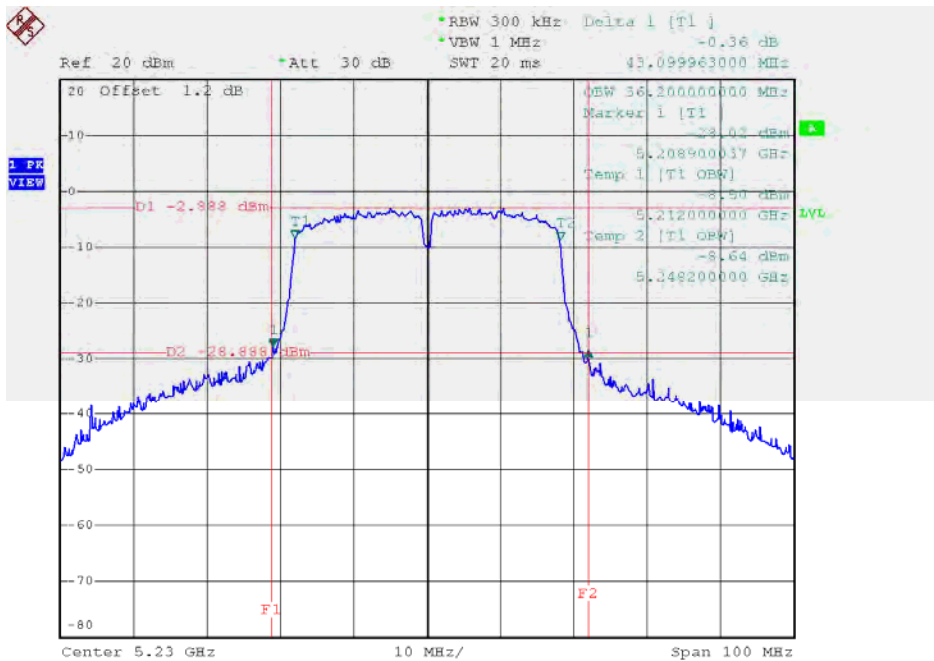
Date: 25.JUN.2016 14:55:59

Test Mode: UNII-2A/TX A Mode_CH52/CH60/CH64_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	28.35	17.70
CH60	5300	25.49	17.60
CH64	5320	25.40	17.60

TX CH52
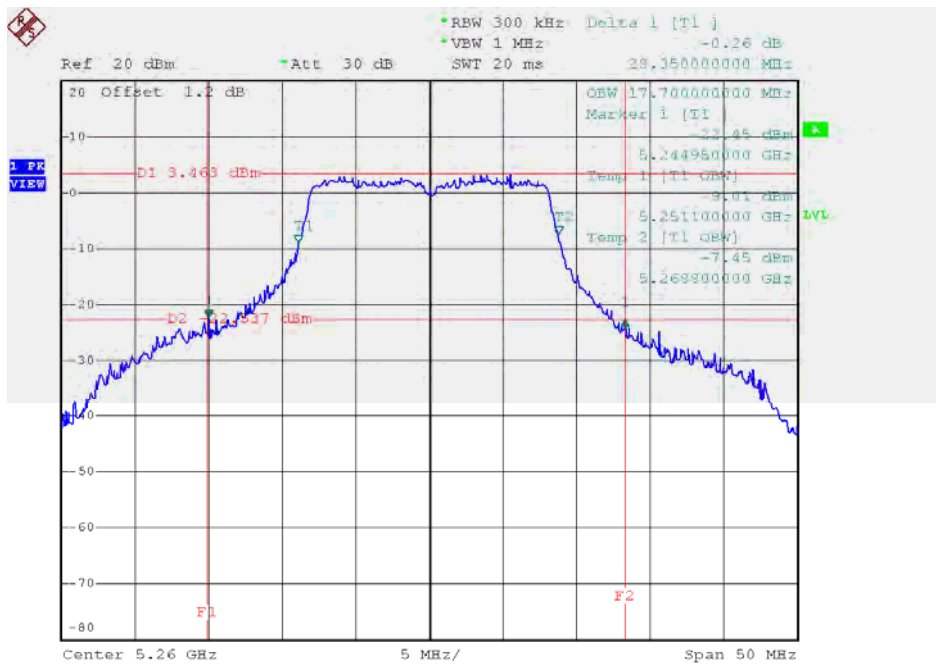
Date: 25.JUN.2016 11:50:42

TX CH60
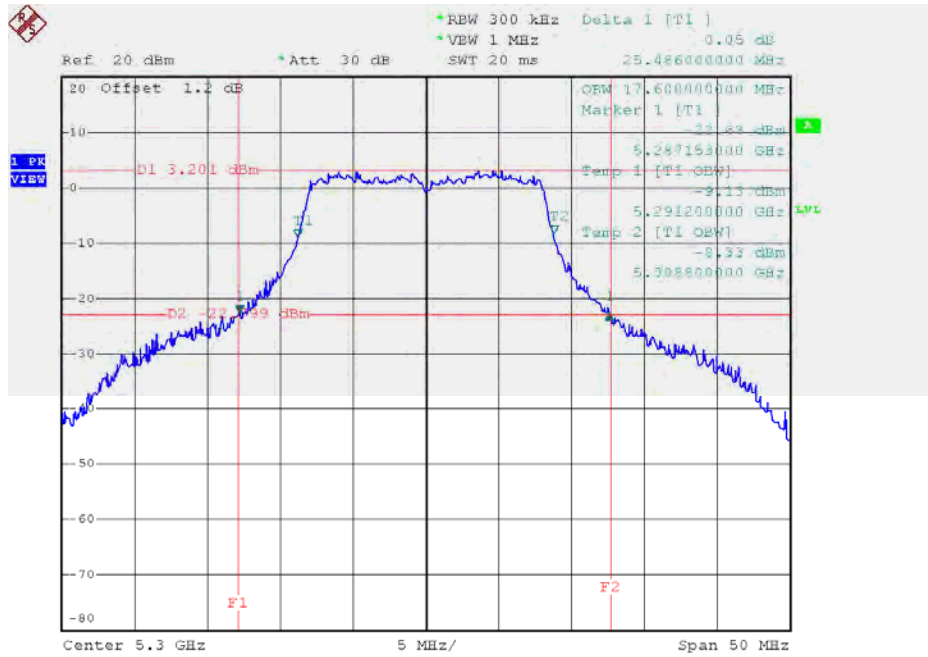
Date: 25.JUN.2016 11:55:15

TX CH64
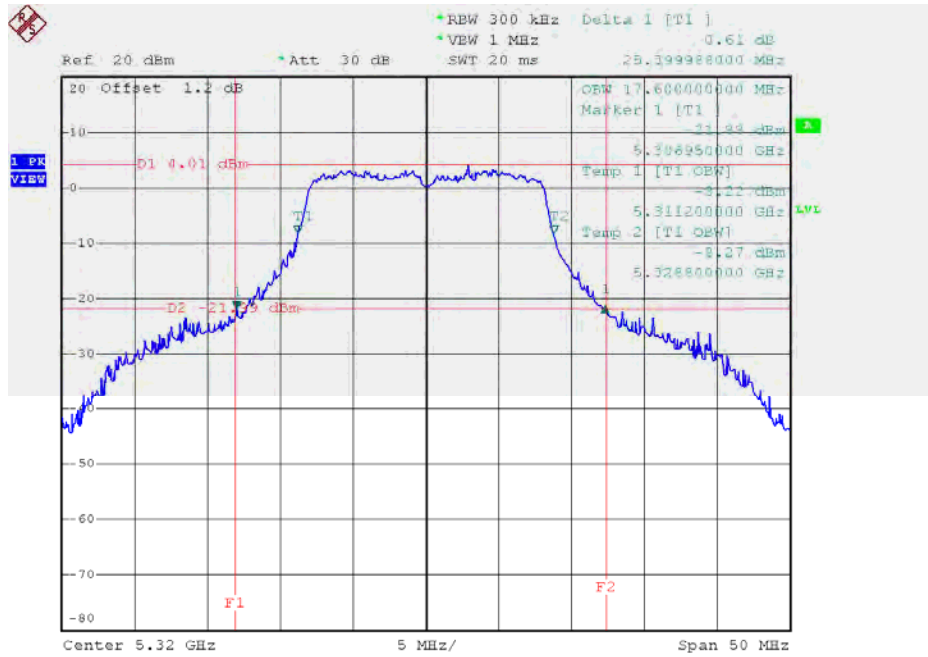
Date: 25.JUN.2016 11:56:36

Test Mode: UNII-2A/TX A Mode_CH52/CH60/CH64_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	25.95	17.40
CH60	5300	23.99	17.20
CH64	5320	25.59	17.30

TX CH52
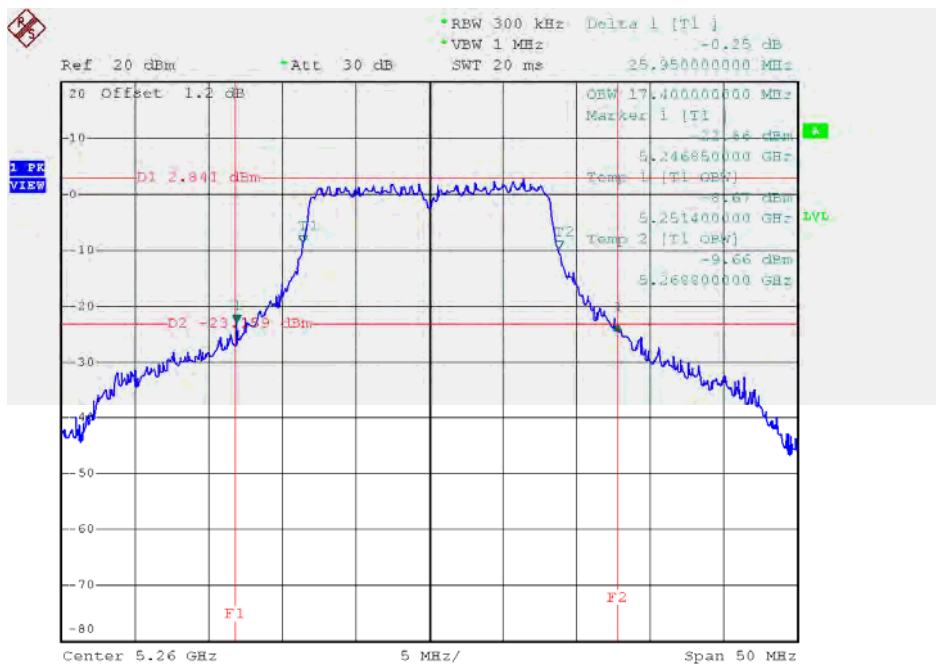
Date: 25.JUN.2016 15:00:22

TX CH60
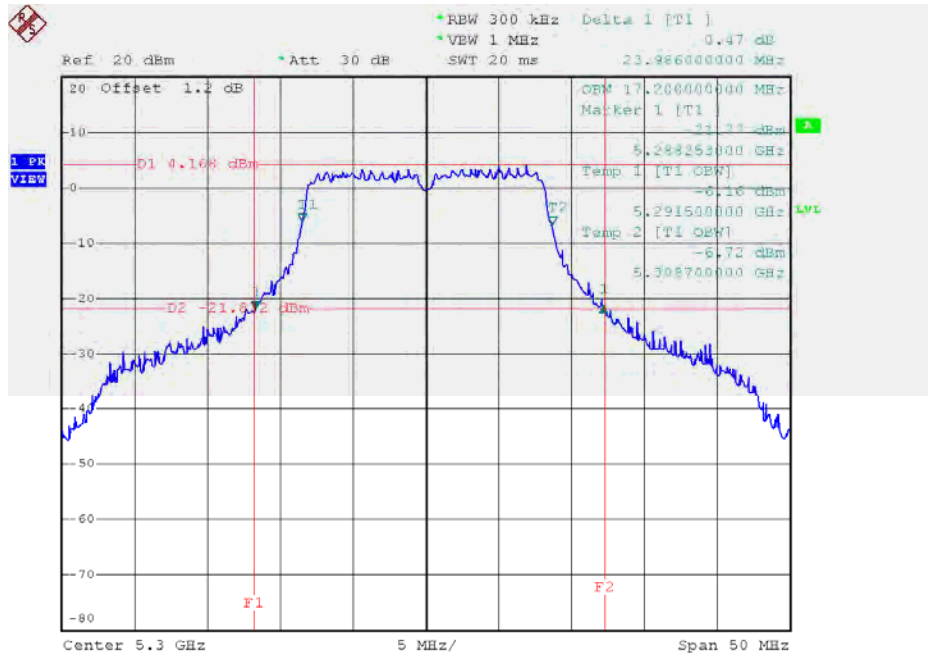
Date: 25.JUN.2016 15:02:51

TX CH64
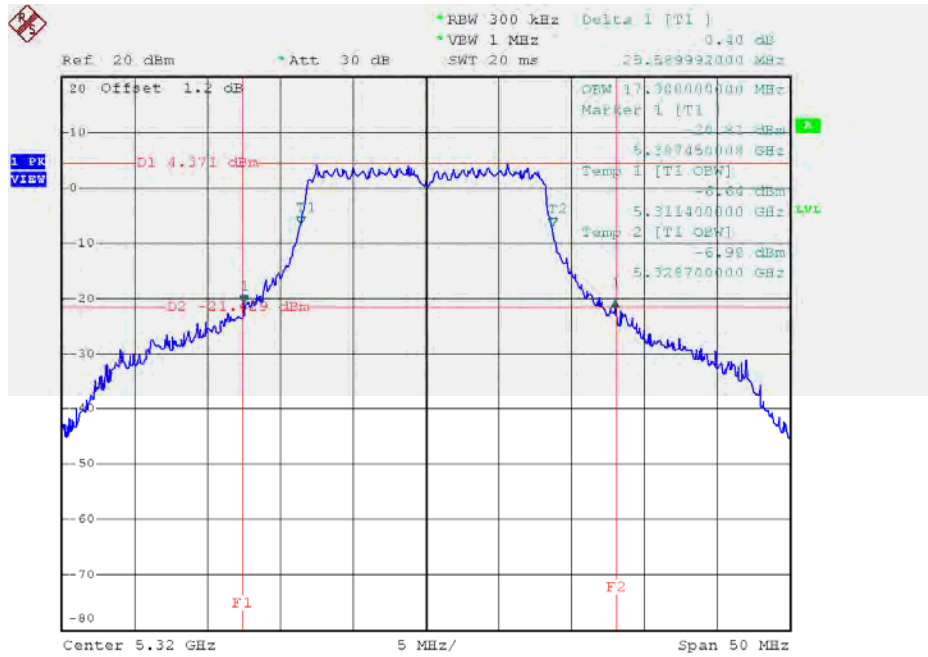
Date: 25.JUN.2016 15:04:18

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	26.35	18.60
CH60	5300	26.49	18.60
CH64	5320	25.49	18.80

TX CH52
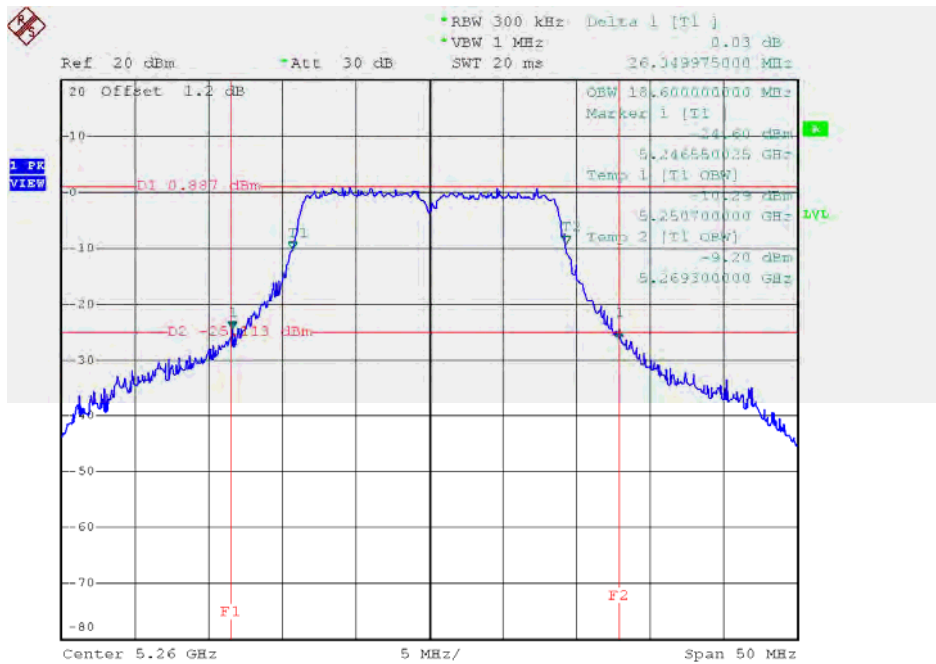
Date: 25.JUN.2016 11:58:23

TX CH60
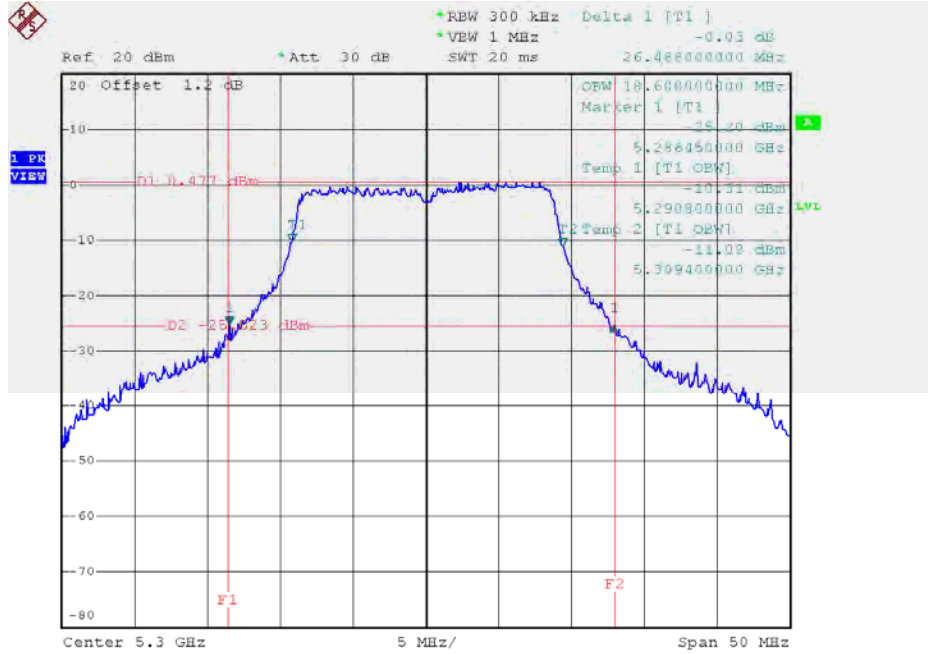
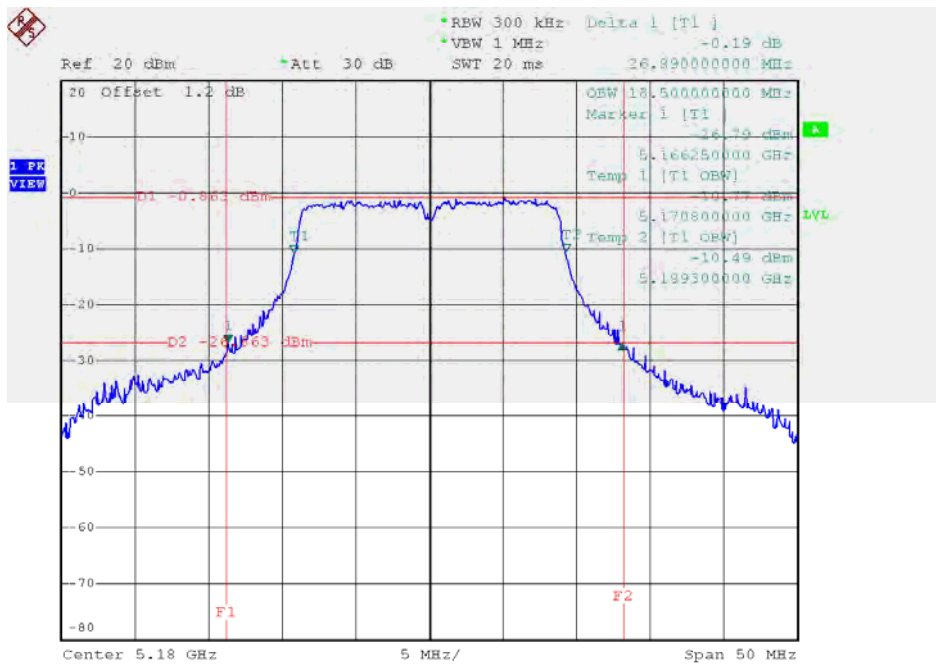Date: 25.JUN.2016 11:59:52

TX CH64
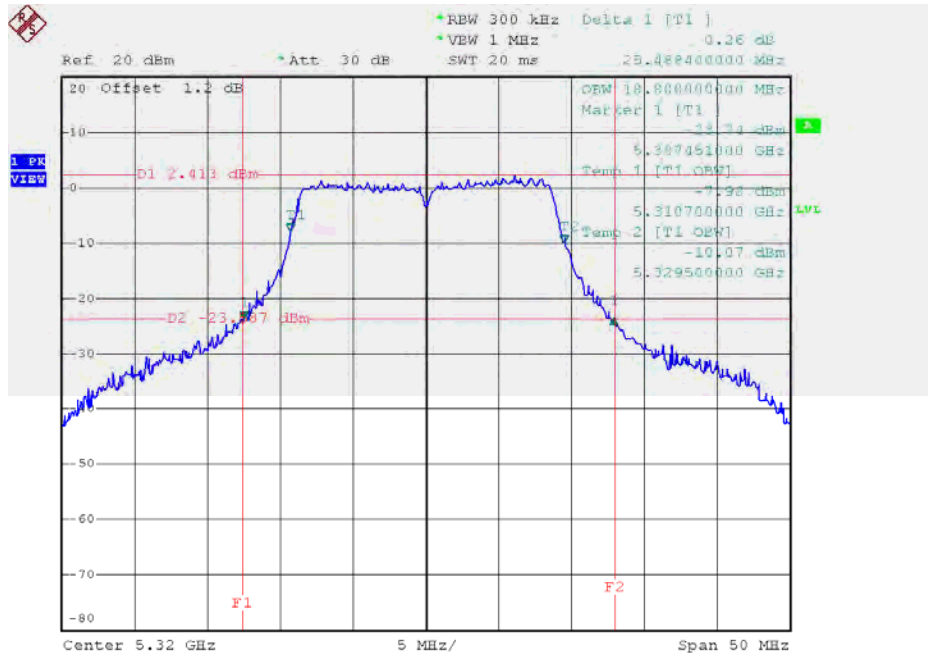
Date: 25.JUN.2016 12:12:46

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	25.80	18.40
CH60	5300	25.89	18.40
CH64	5320	25.70	18.40

TX CH52
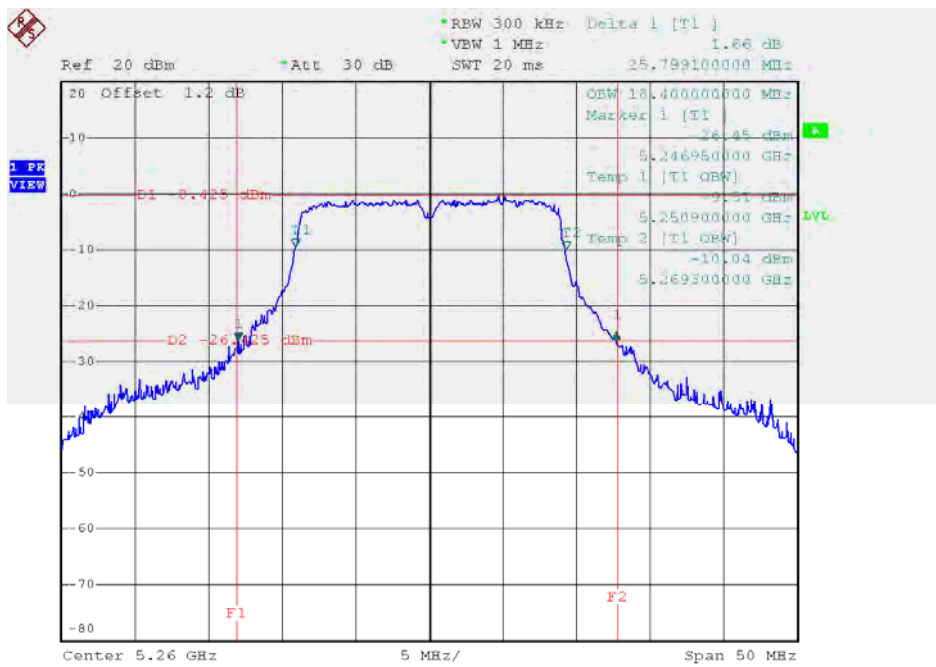
Date: 25.JUN.2016 15:06:52

TX CH60
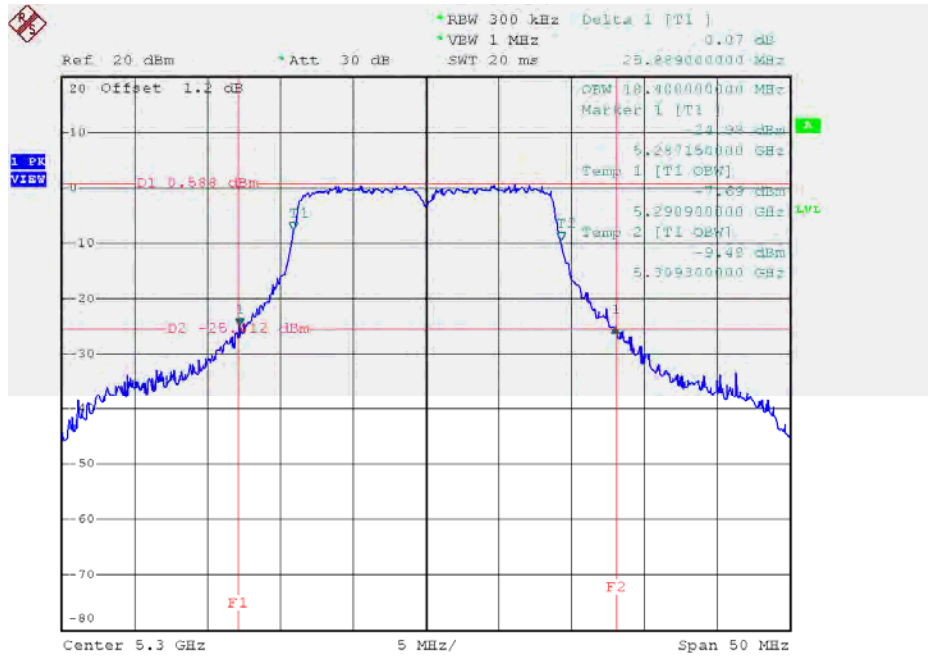
Date: 25.JUN.2016 15:08:46

TX CH64

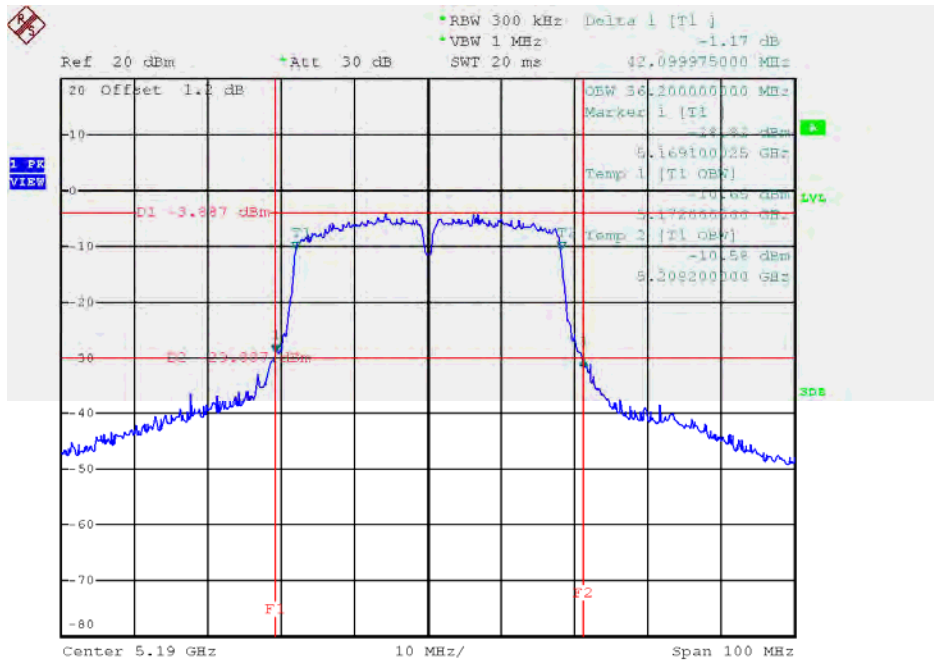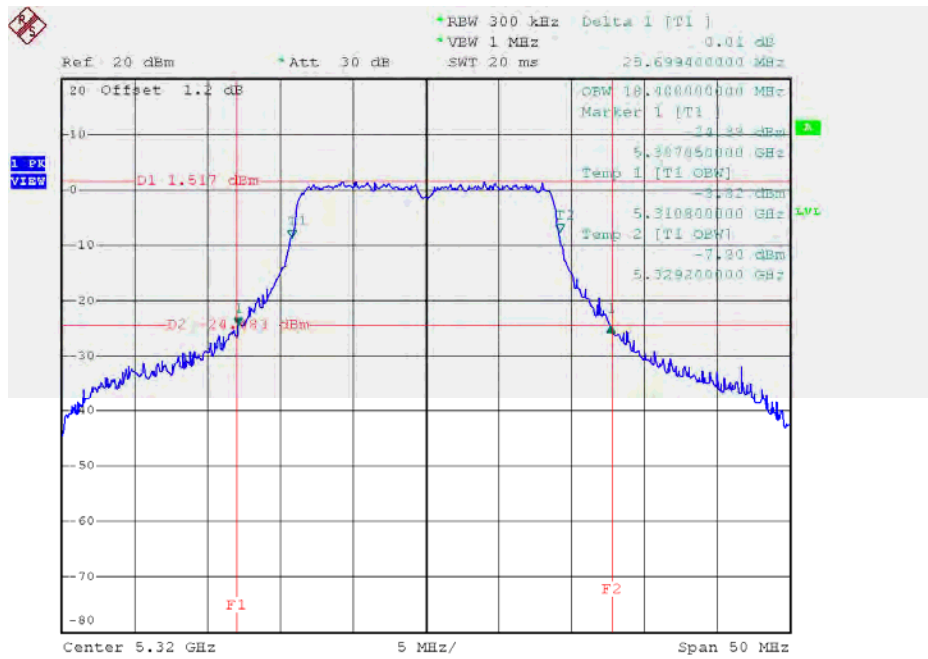Date: 25.JUN.2016 15:12:08

Test Mode: UNII-2A/TX N40 Mode_CH54/CH62_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	42.40	36.20
CH62	5310	42.10	36.20

TX CH54
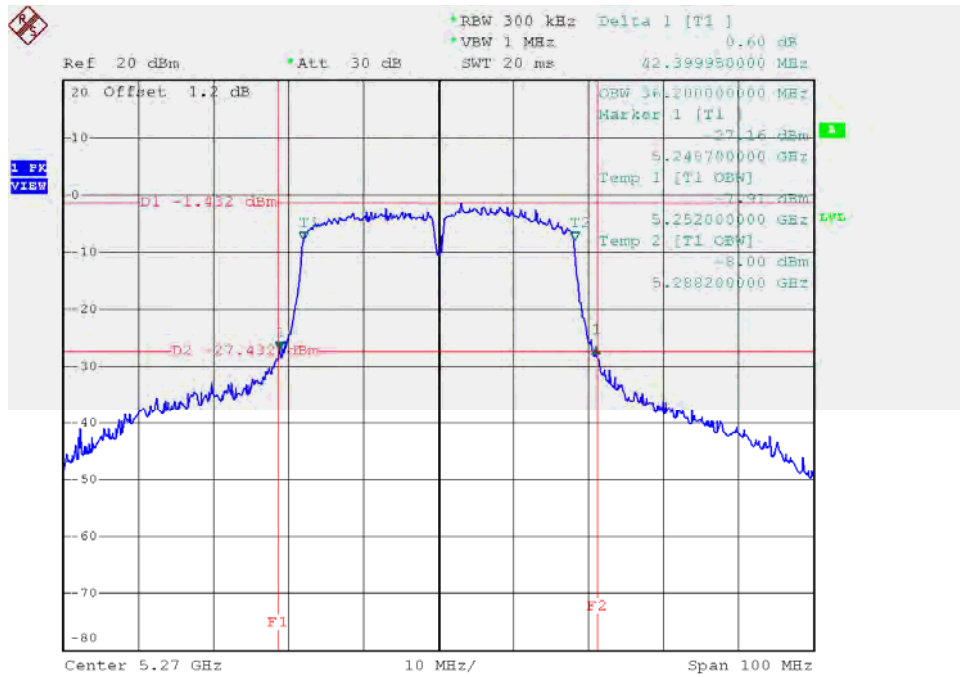
Date: 25.JUN.2016 12:04:49

TX CH62
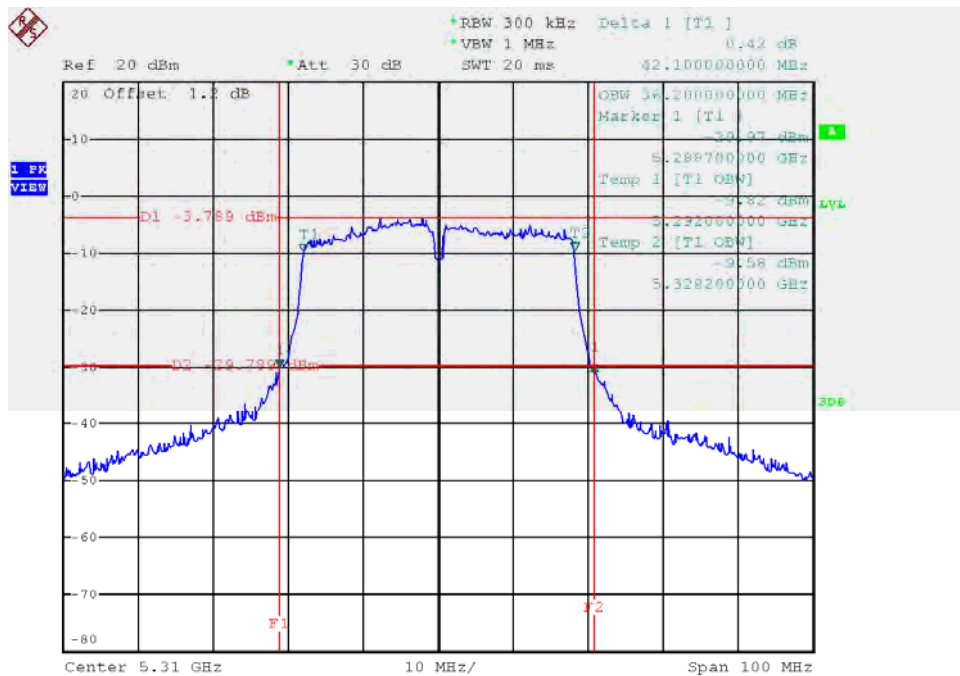
Date: 11.JUL.2016 18:37:15

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	43.40	36.20
CH62	5310	41.90	36.20

TX CH54
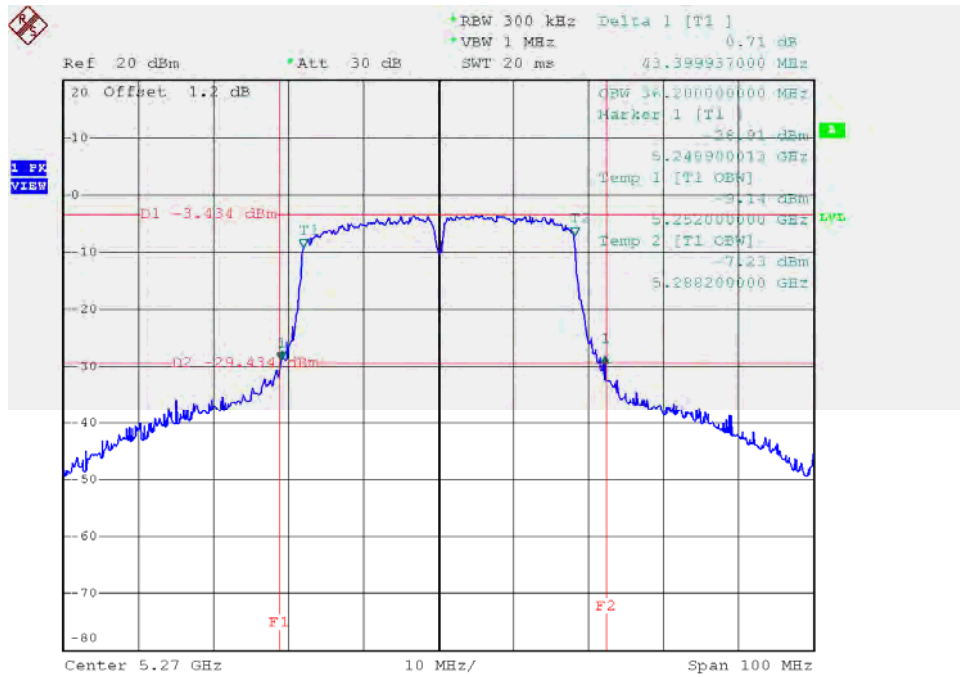
Date: 25.JUN.2016 15:14:02

TX CH62
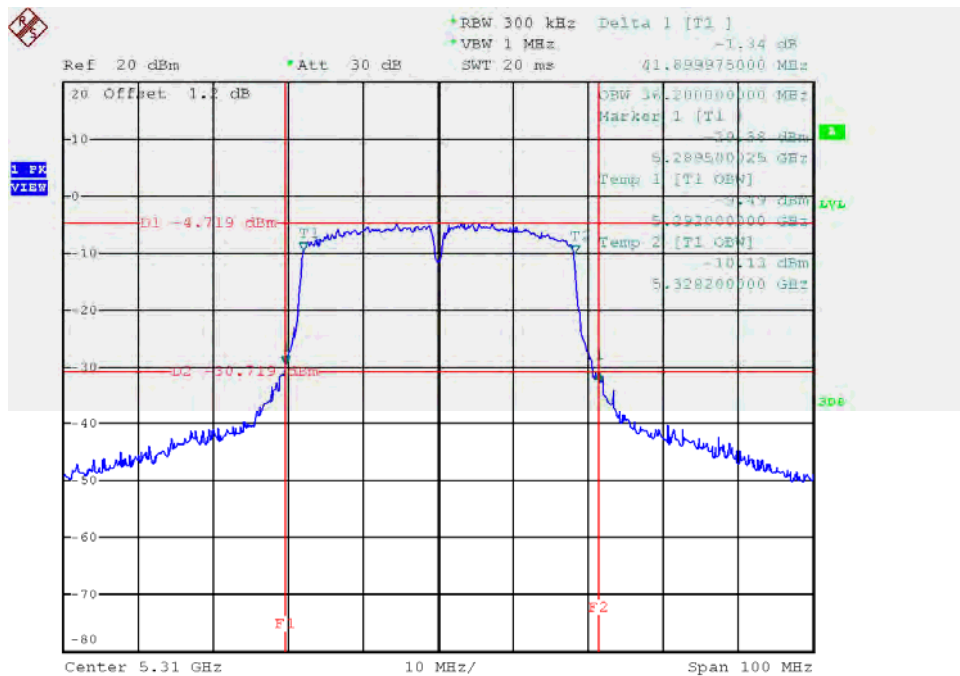
Date: 11.JUL.2016 18:29:21

Test Mode: UNII-2C/TX A Mode_CH100/CH116/CH140_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	27.89	17.70
CH116	5580	25.79	17.60
CH140	5700	28.99	17.90

TX CH100
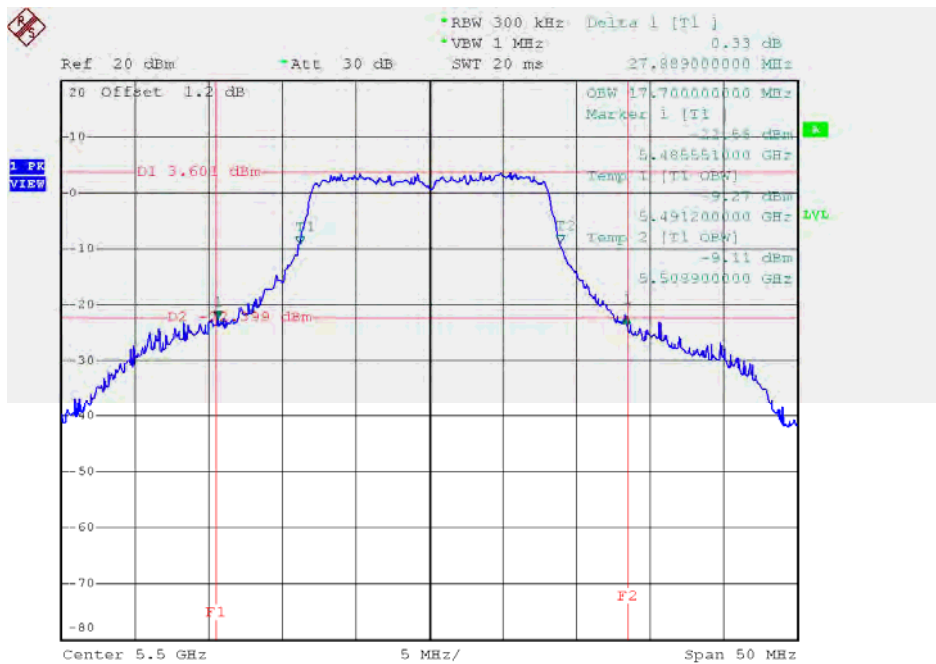
Date: 25.JUN.2016 13:34:35

TX CH116
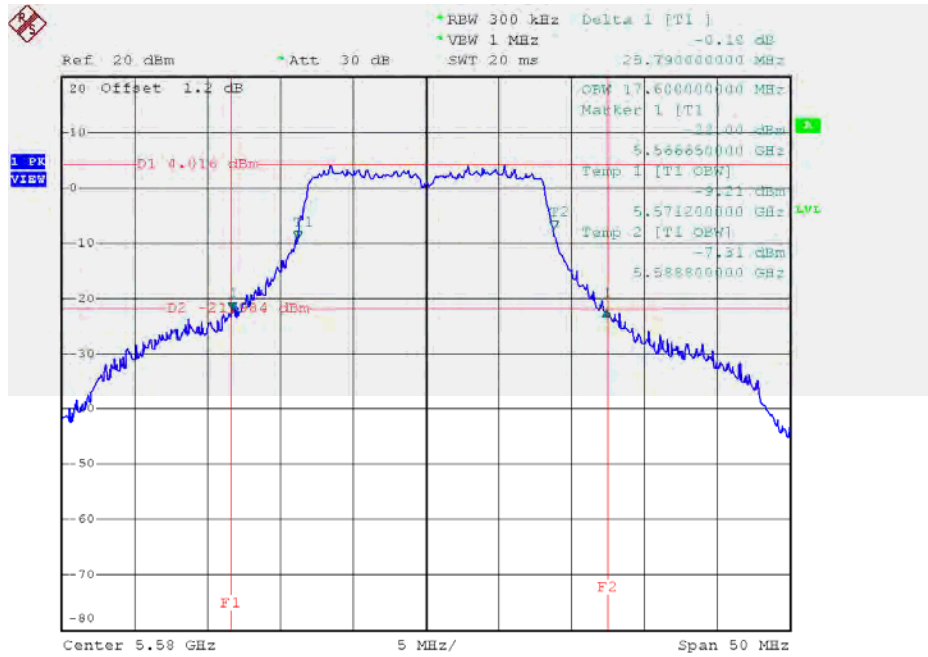
Date: 25.JUN.2016 13:36:03

TX CH140
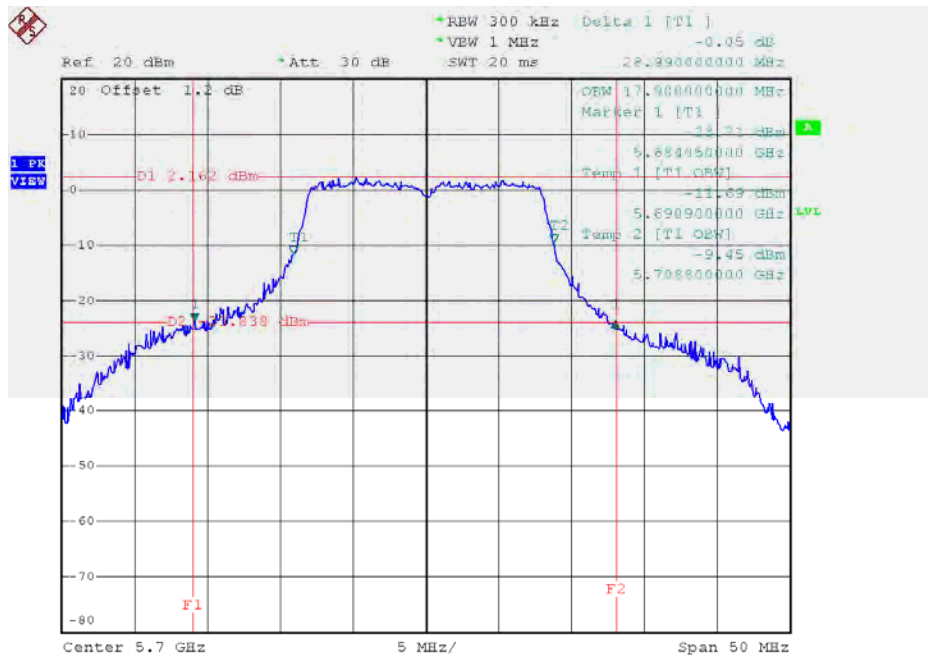
Date: 25.JUN.2016 13:37:31

Test Mode: UNII-2C/TX A Mode_CH100/CH116/CH140_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	24.89	17.20
CH116	5580	24.40	17.20
CH140	5700	25.65	17.40

TX CH100
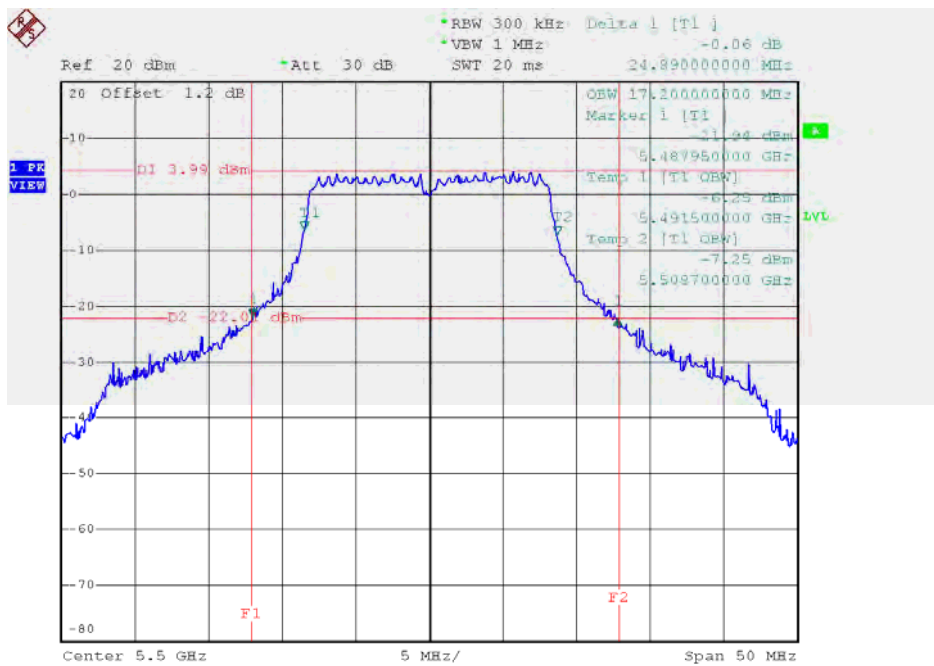
Date: 25.JUN.2016 15:19:58

TX CH116
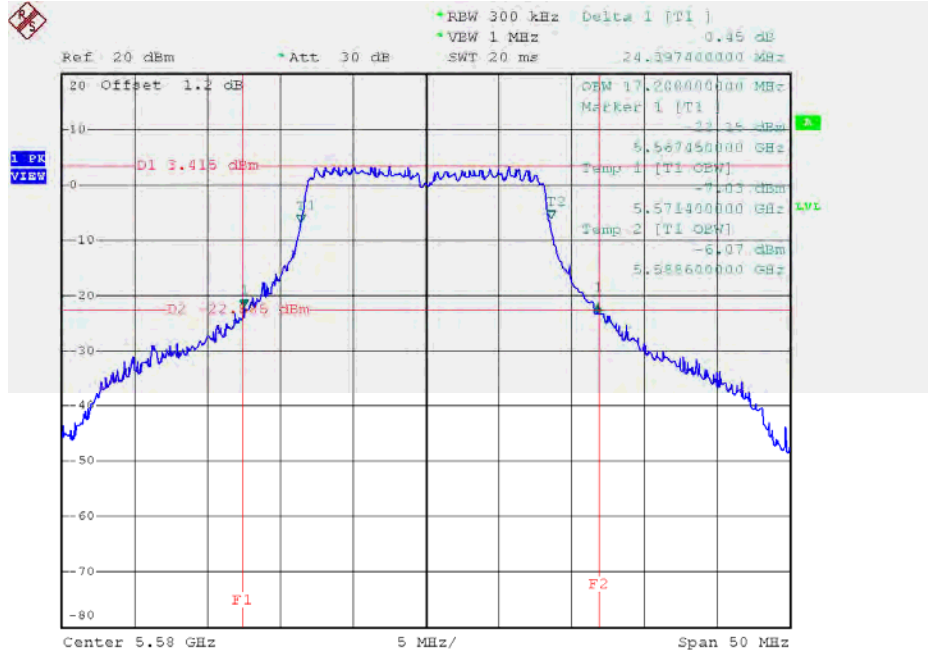
Date: 25.JUN.2016 15:23:43

TX CH140
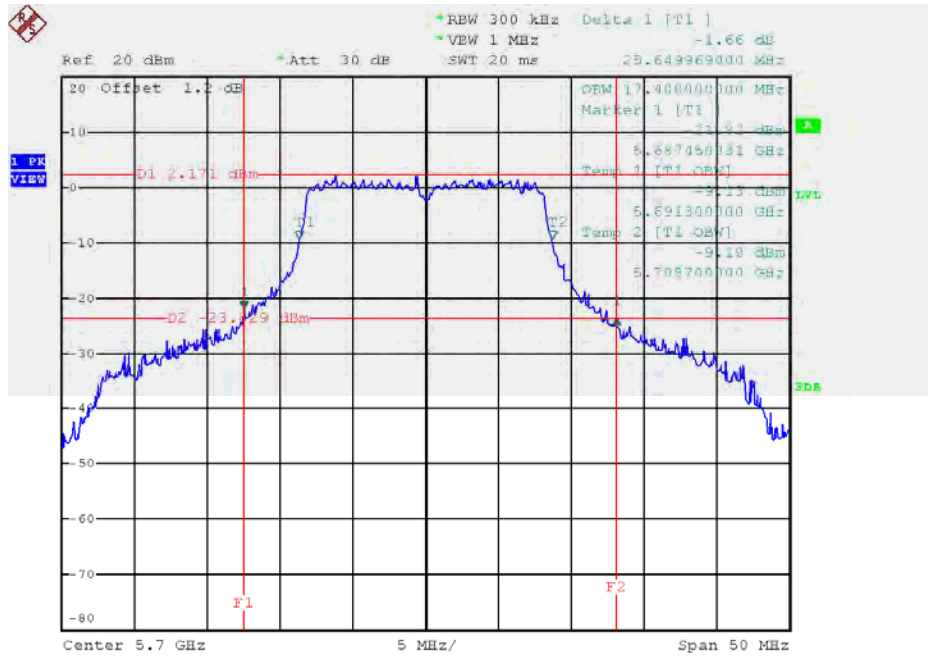
Date: 11.JUL.2016 18:16:53

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	25.90	18.70
CH116	5580	26.59	18.50
CH140	5700	27.59	18.70

TX CH100
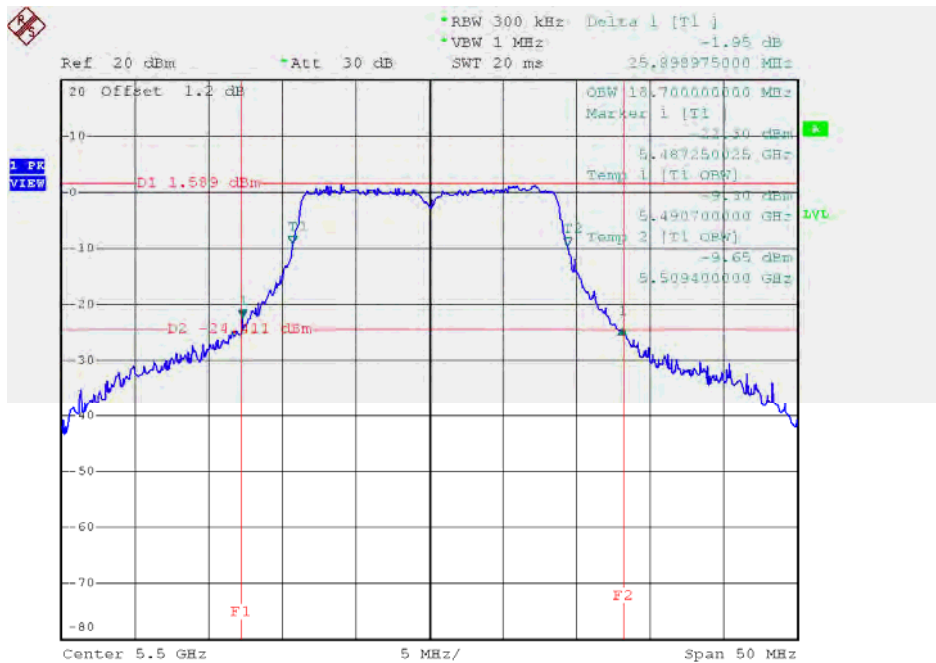
Date: 25.JUN.2016 13:39:12

TX CH116
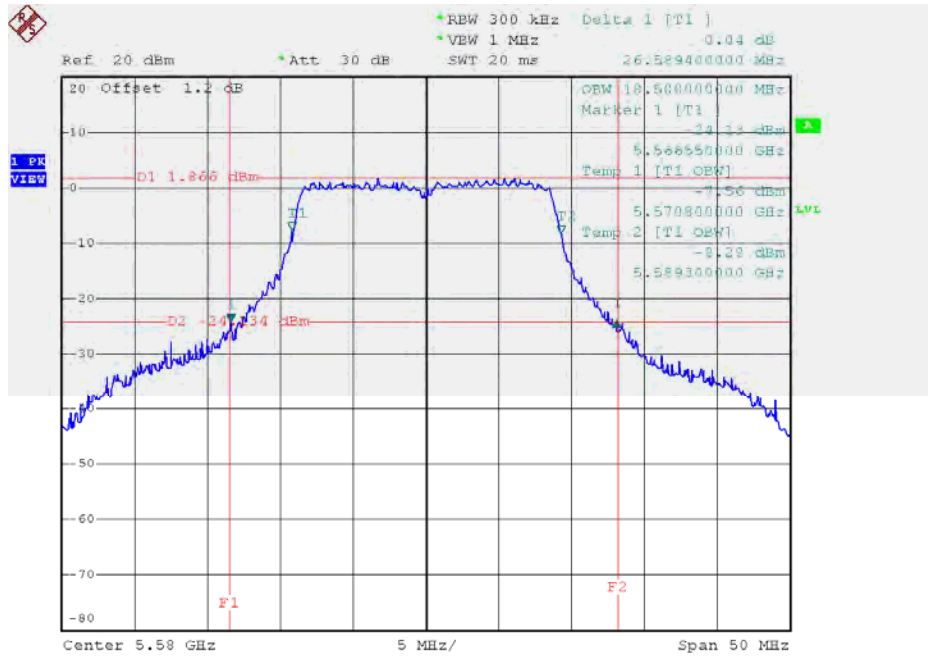
Date: 25.JUN.2016 13:40:55

TX CH140
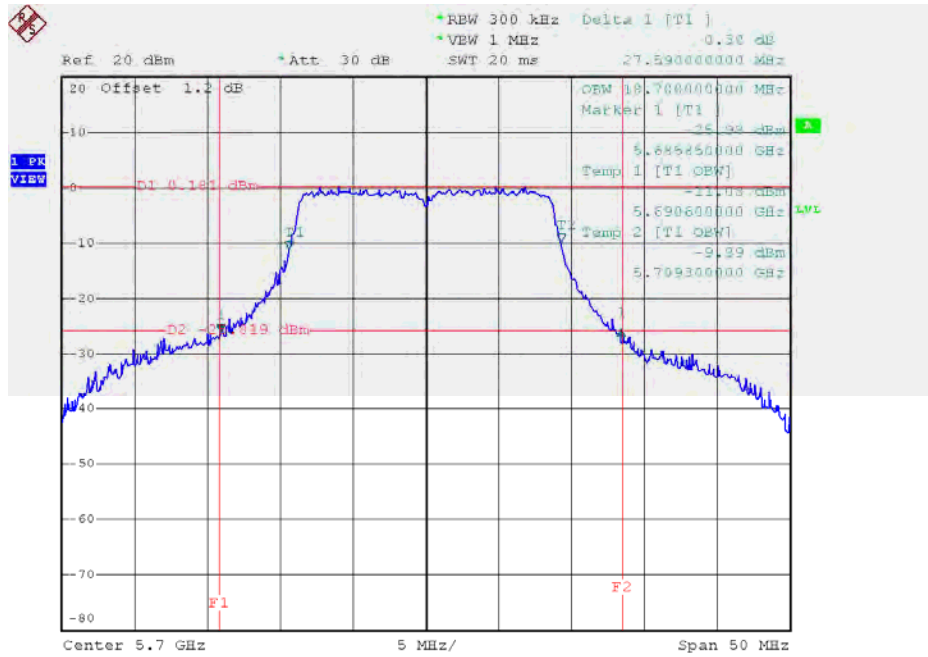
Date: 25.JUN.2016 13:41:59

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	25.79	18.40
CH116	5580	25.75	18.40
CH140	5700	26.20	18.40

TX CH100
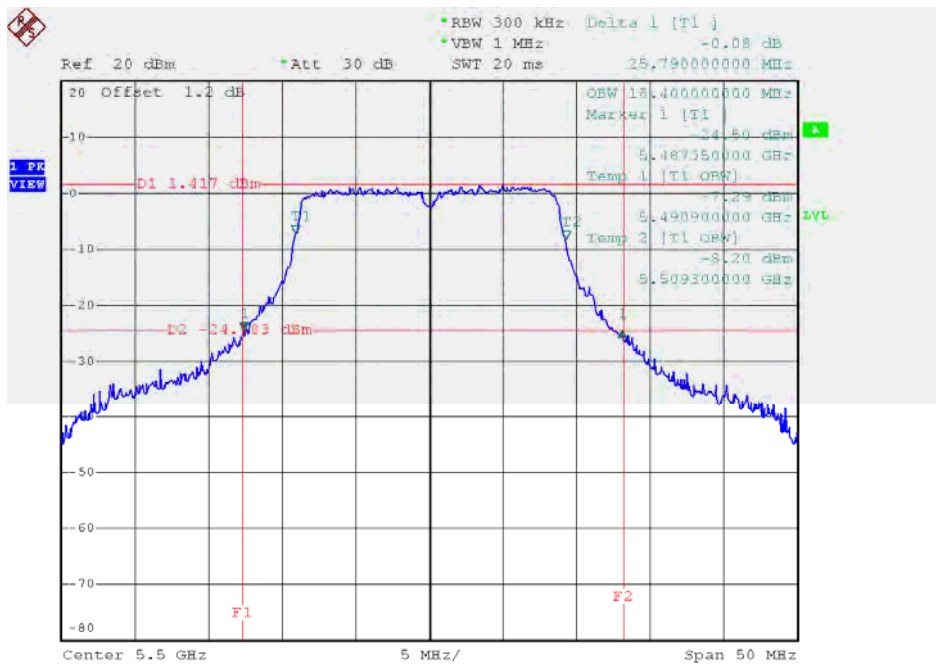
Date: 25.JUN.2016 15:27:57

TX CH116
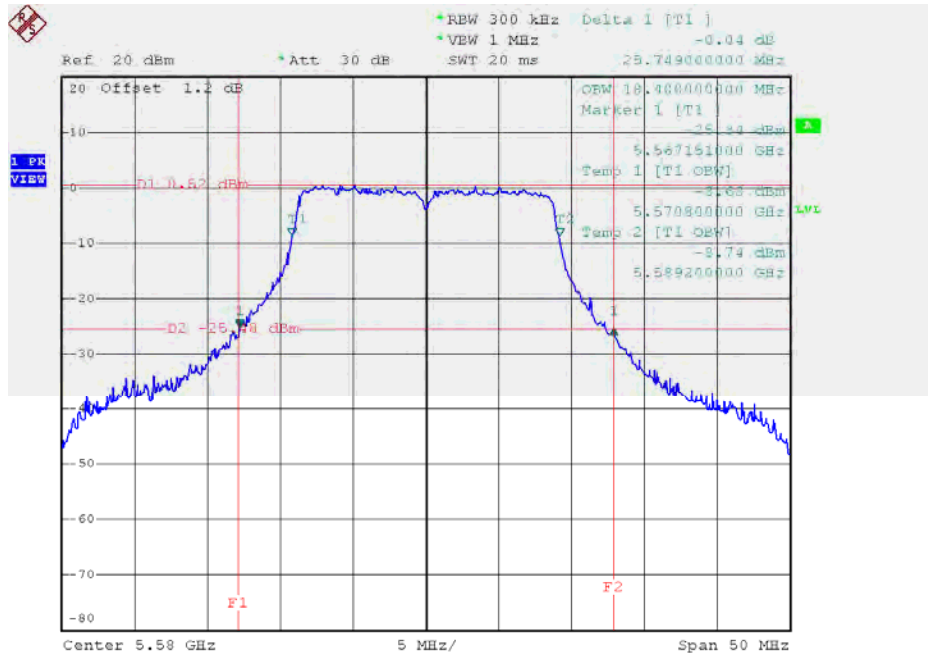
Date: 25.JUN.2016 15:29:57

TX CH140
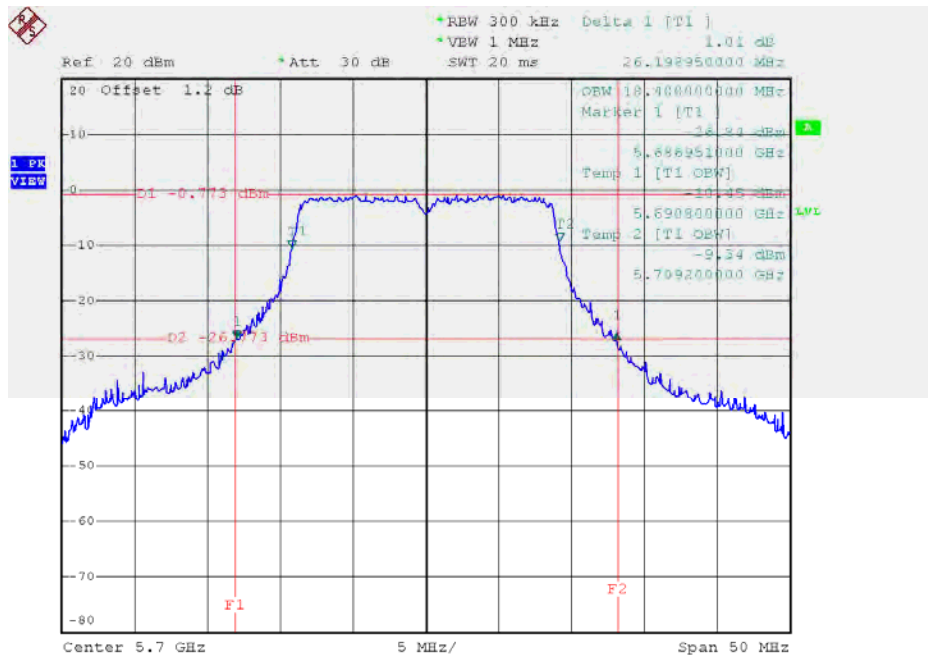
Date: 25.JUN.2016 15:31:01

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134_Ant 1

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	42.40	36.20
CH110	5550	42.50	36.20
CH134	5670	50.50	36.20

TX CH102
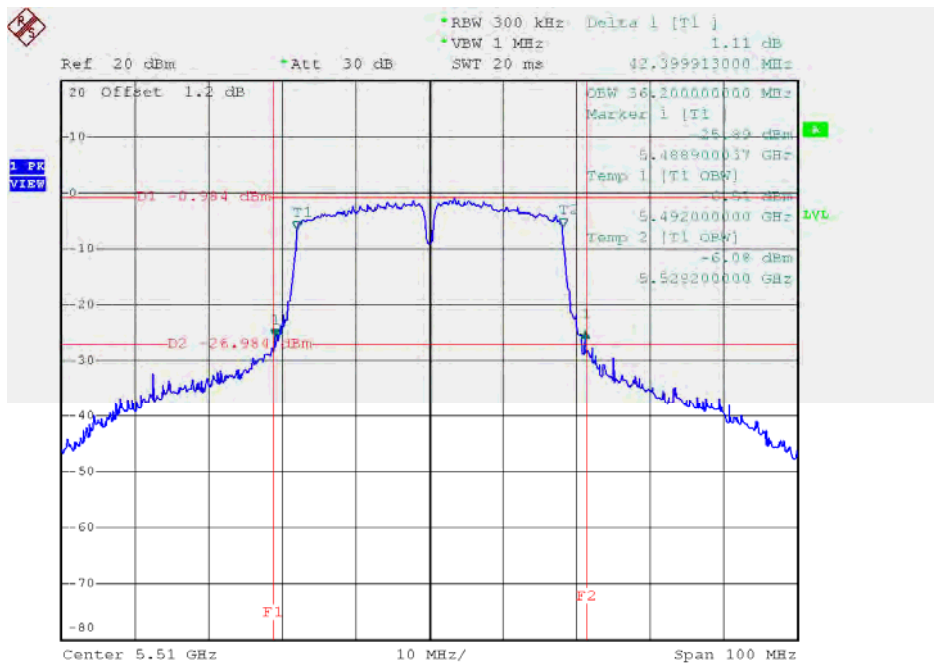
Date: 25.JUN.2016 13:48:59

TX CH110
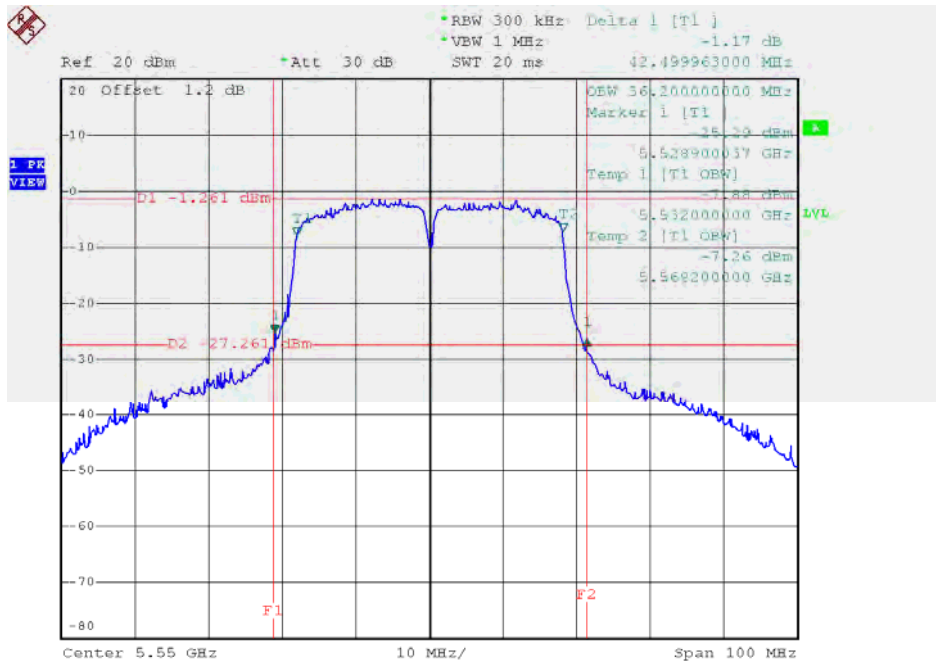
Date: 25.JUN.2016   13:58:10

TX CH134
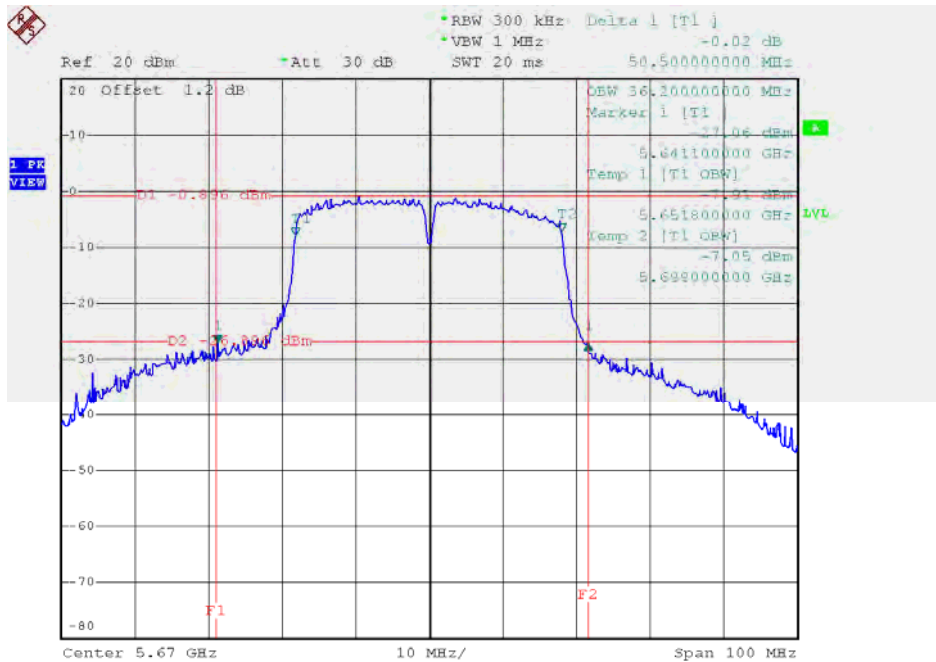
Date: 25.JUN.2016   13:59:31

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134_Ant 2

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	42.21	36.20
CH110	5550	42.10	36.00
CH134	5670	43.90	36.20

TX CH102
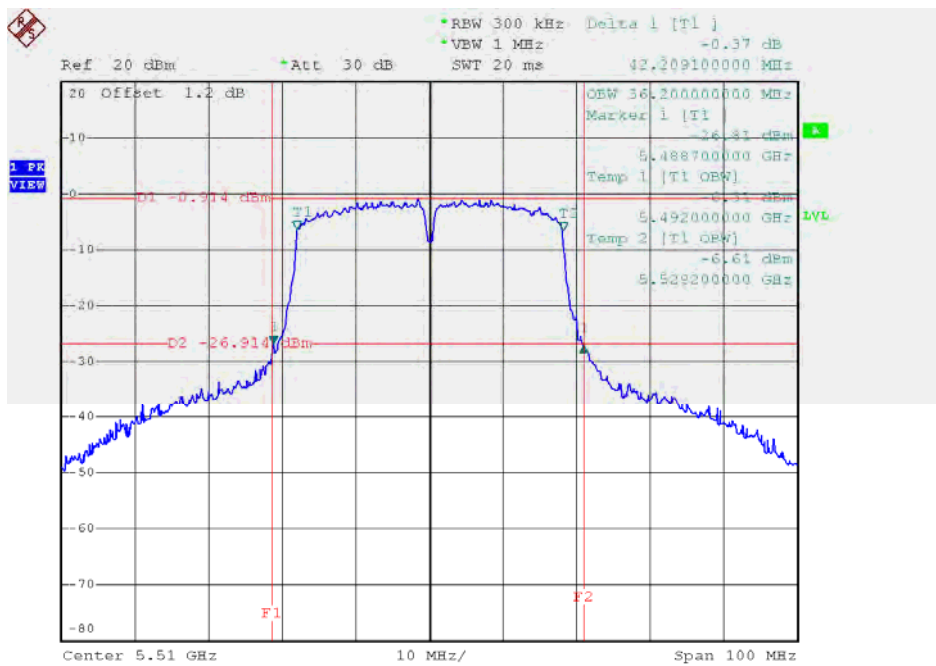
Date: 25.JUN.2016 15:33:01

TX CH110
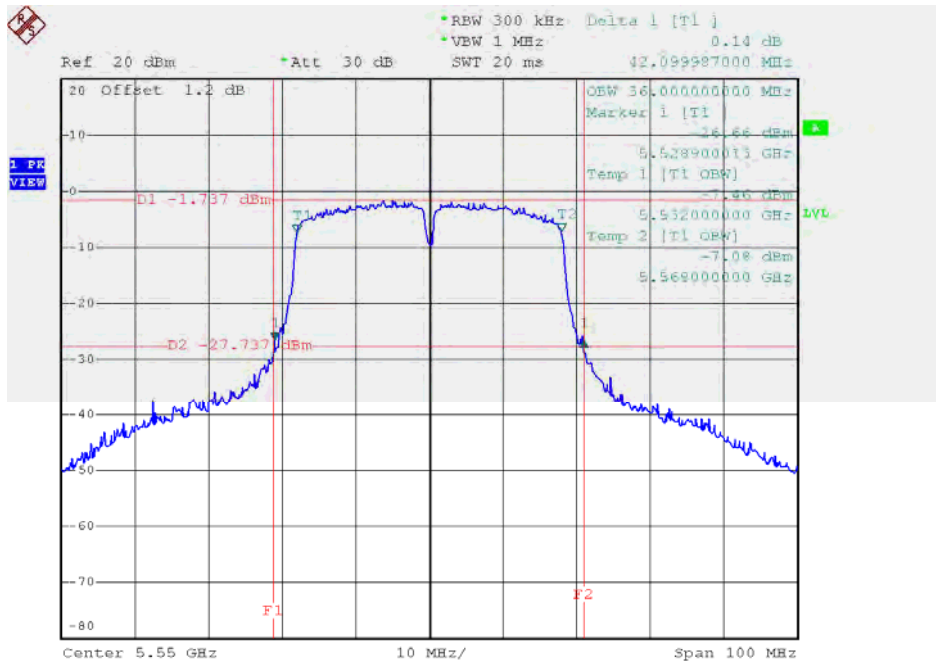
Date: 25.JUN.2016 15:35:14

TX CH134
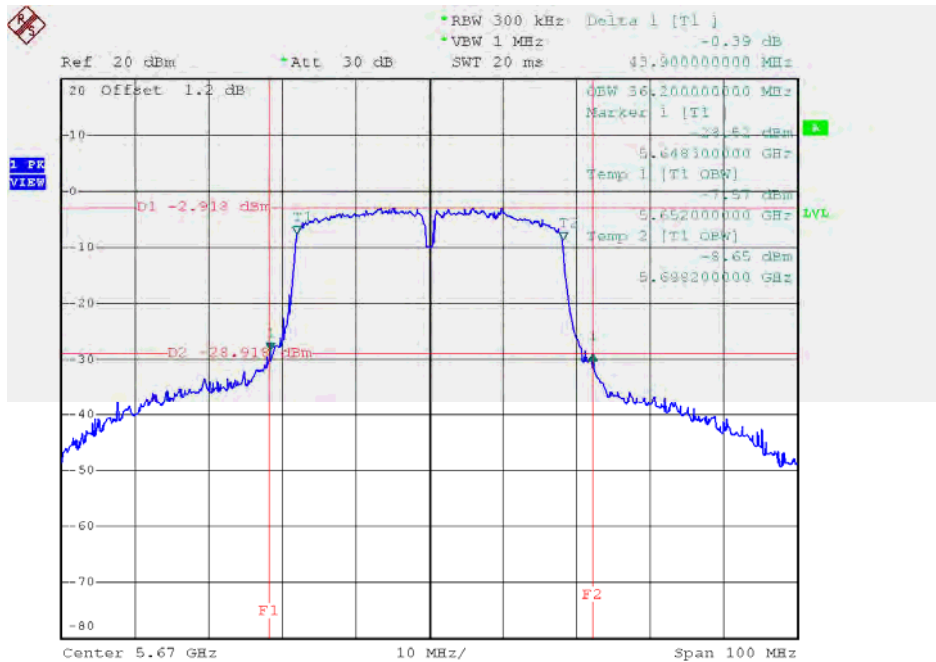
Date: 25.JUN.2016 15:36:26

Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH161_Ant 1

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.41	17.00	>=500
CH157	5785	16.45	17.30	>=500
CH161	5805	16.57	18.00	>=500

TX CH 149
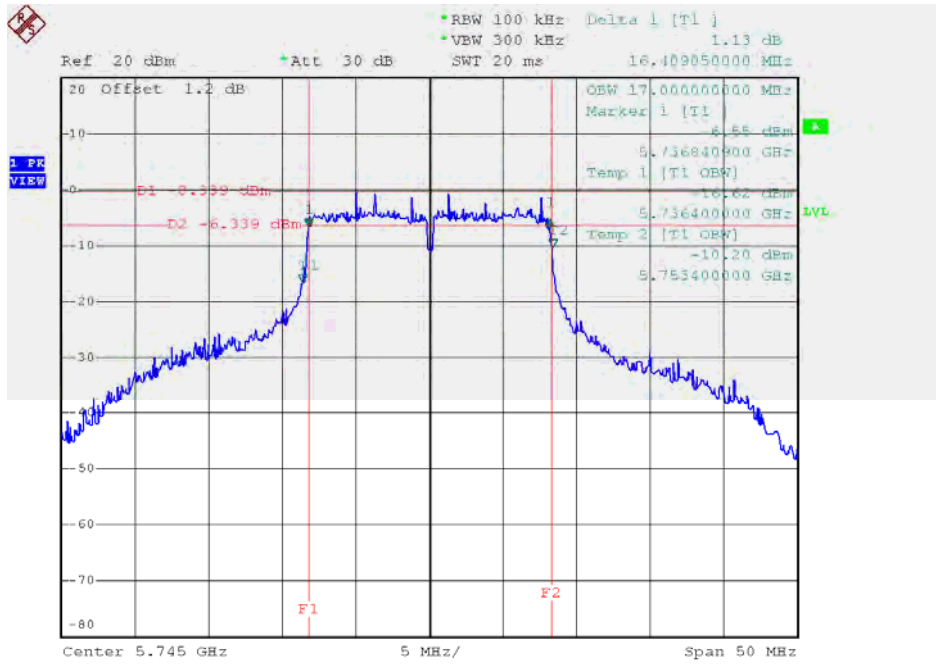
Date: 25.JUN.2016 14:04:32

TX CH 157
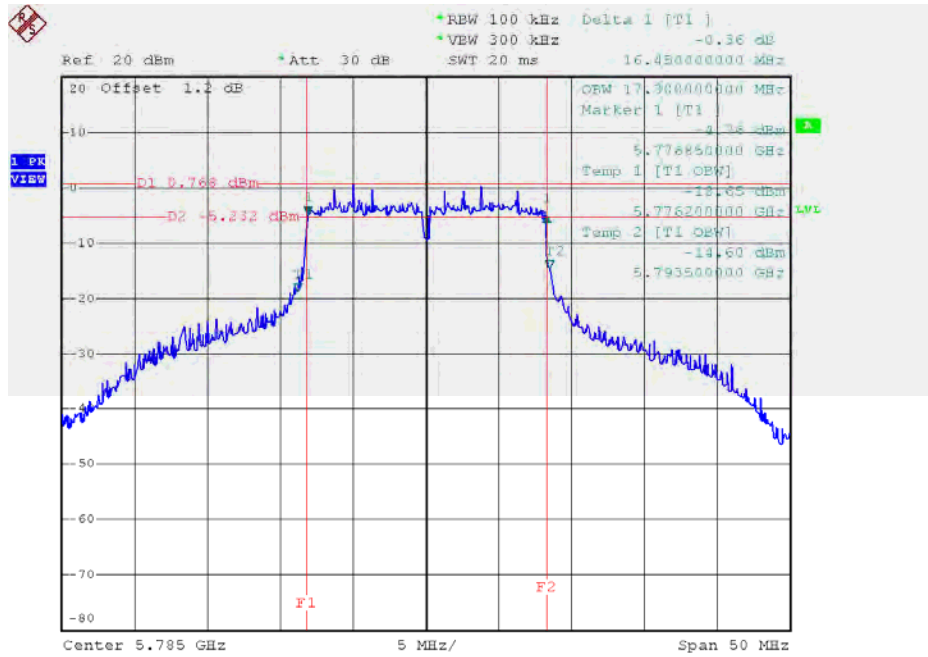
Date: 25.JUN.2016 14:08:31

TX CH161
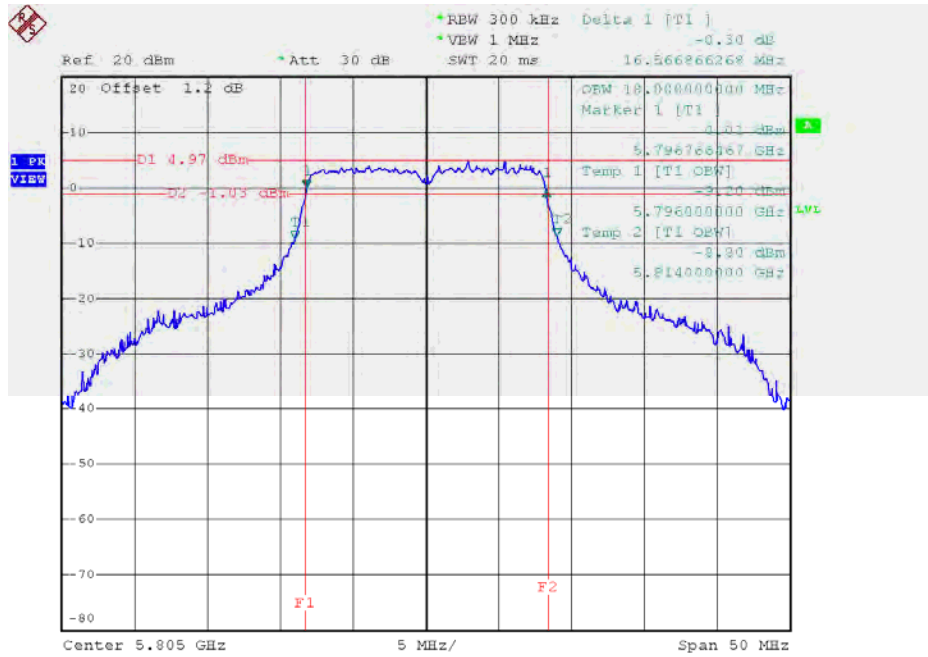
Date: 18.JUL.2016 20:14:01

Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH161_Ant 2

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.55	16.70	>=500
CH157	5785	16.45	16.70	>=500
CH161	5805	16.37	17.50	>=500

TX CH 149
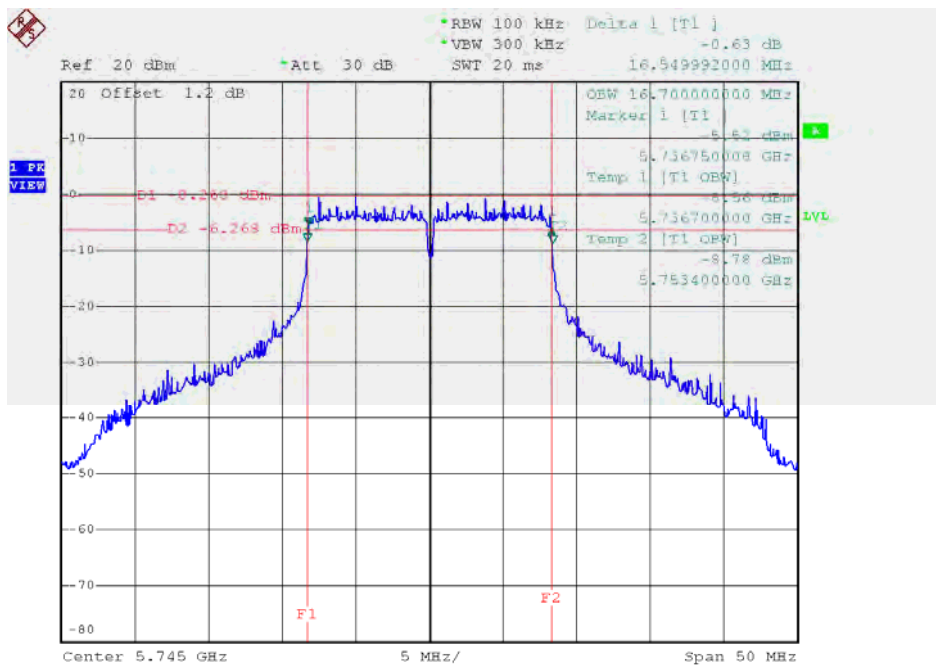
Date: 25.JUN.2016 15:43:51

TX CH 157
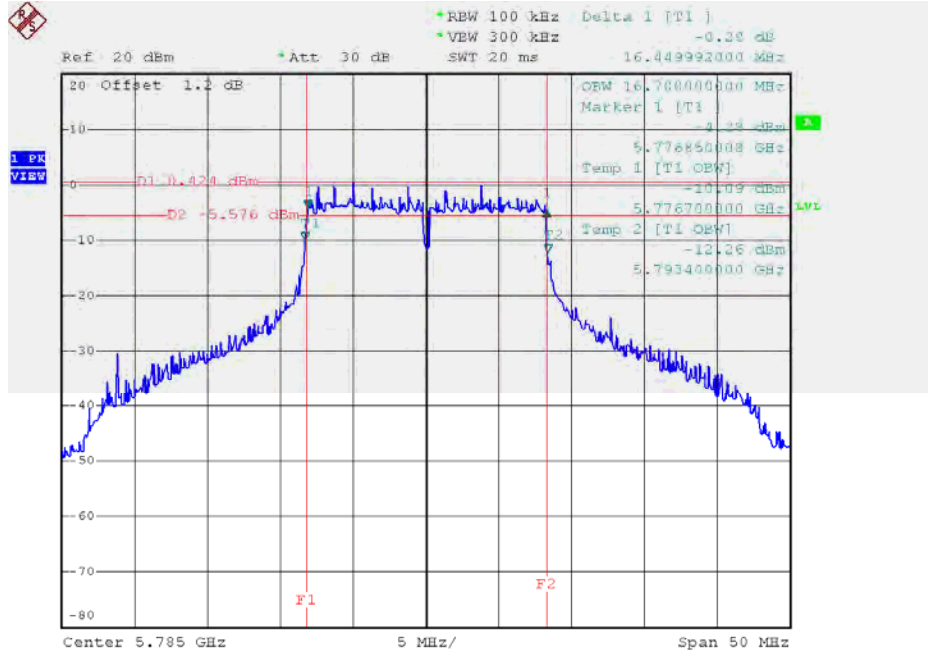
Date: 25.JUN.2016 15:45:08

TX CH161
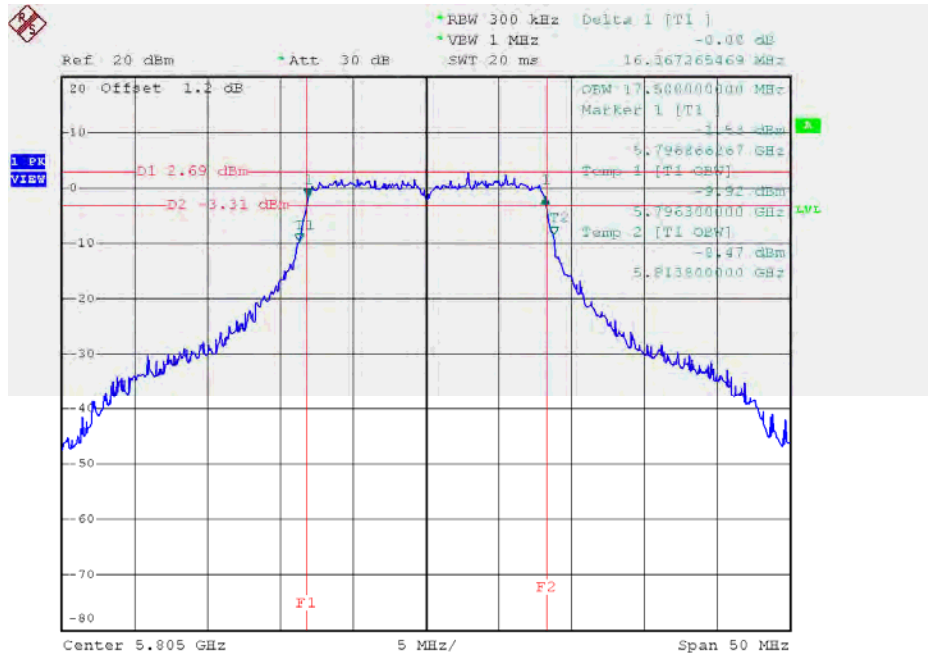
Date: 18.JUL.2016 20:50:55

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH161_Ant 1

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.90	>=500
CH157	5785	17.55	17.90	>=500
CH161	5805	17.76	18.60	>=500

TX CH 149
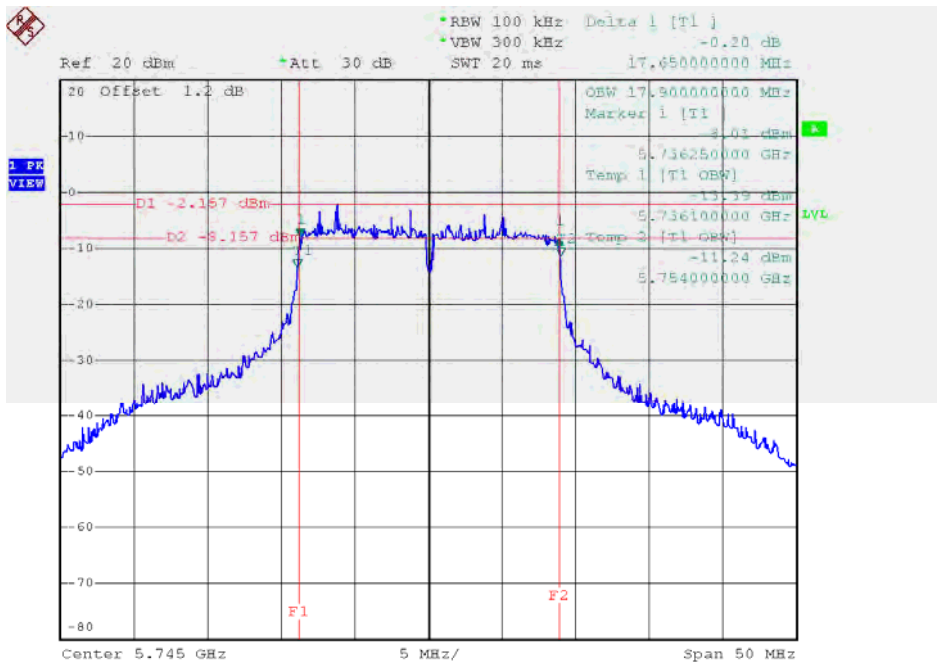
Date: 25.JUN.2016 14:14:38

TX CH 157
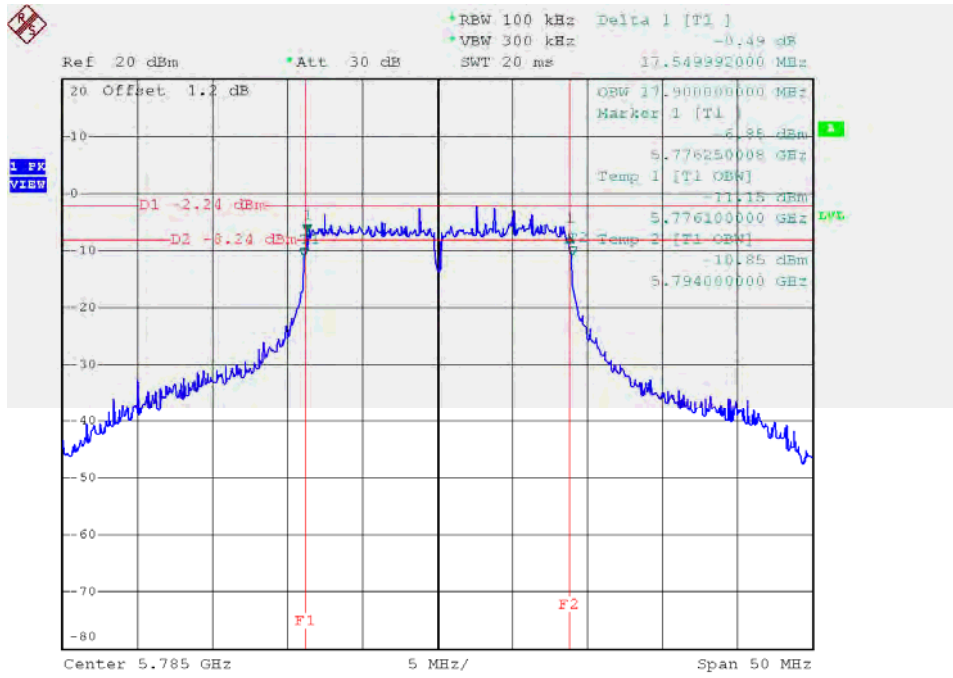
Date: 25.JUN.2016 14:16:49

TX CH161
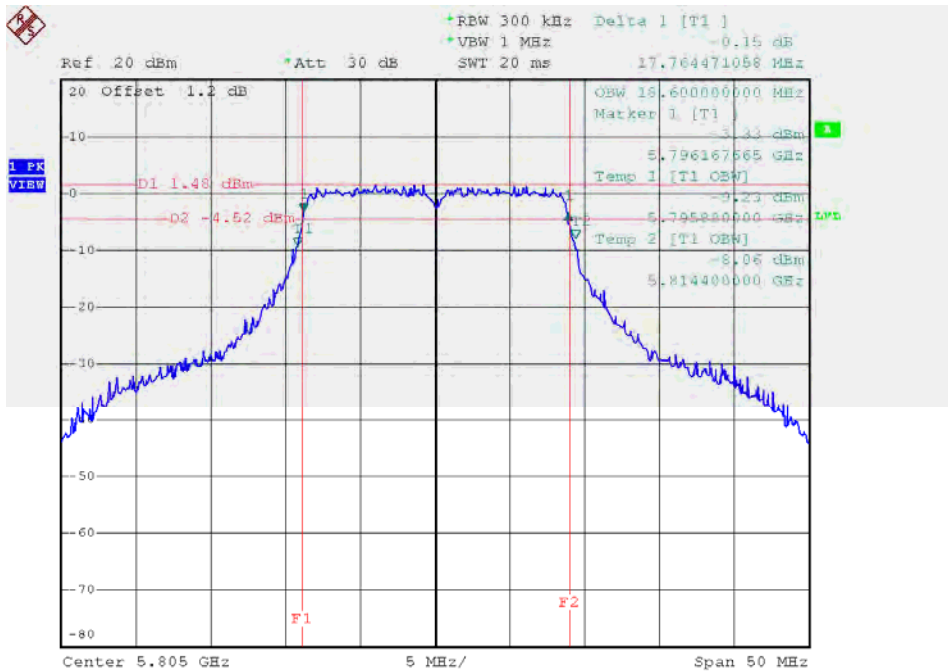
Date: 18.JUL.2016 20:34:59

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH161_Ant 2

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.80	>=500
CH157	5785	17.55	17.90	>=500
CH161	5805	17.76	18.50	>=500

TX CH 149
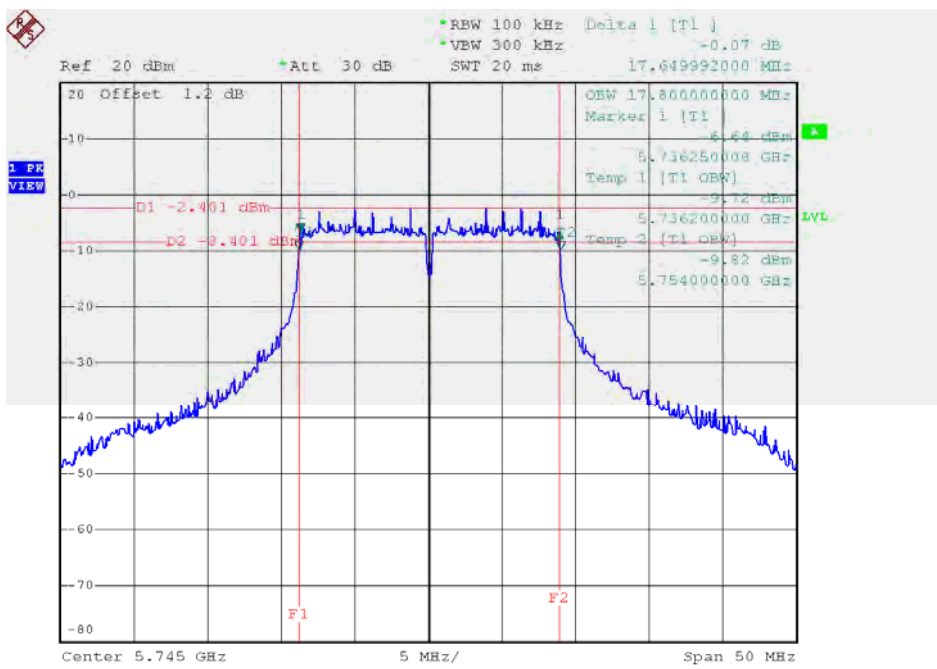
Date: 25.JUN.2016 15:48:08

TX CH 157
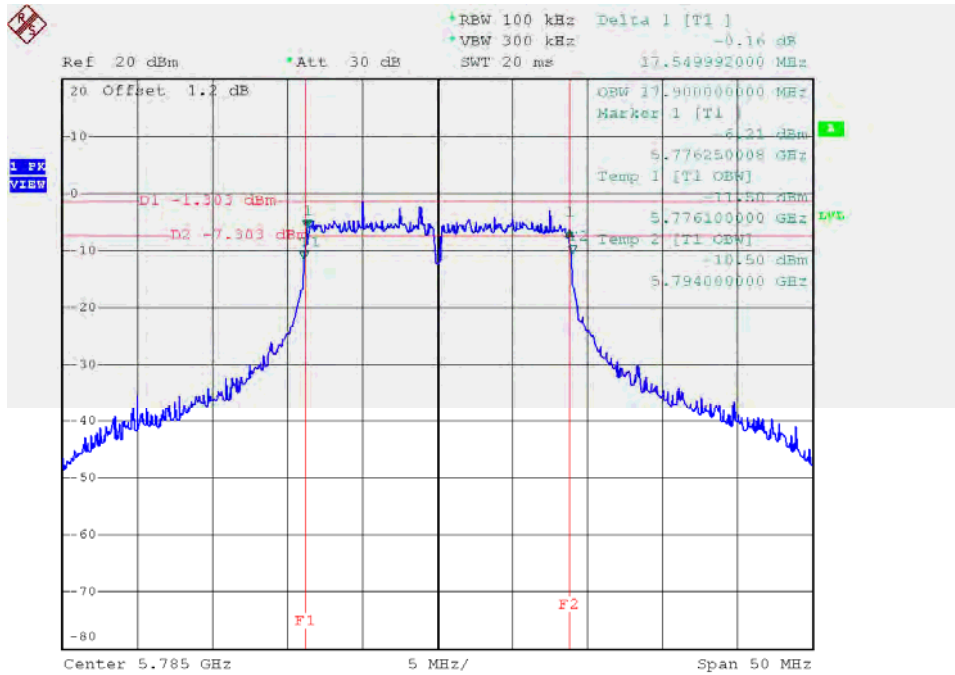
Date: 25.JUN.2016   15:49:45

TX CH161
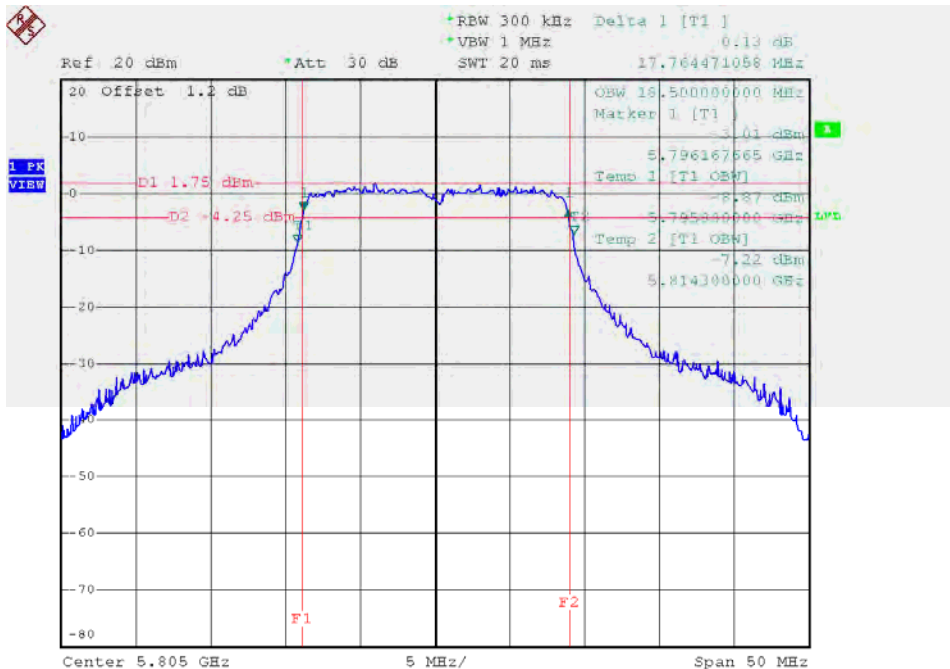
Date: 18.JUL.2016   20:35:58

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Ant 1

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	33.40	36.40	>=500
CH159	5795	31.60	36.20	>=500

TX CH 151
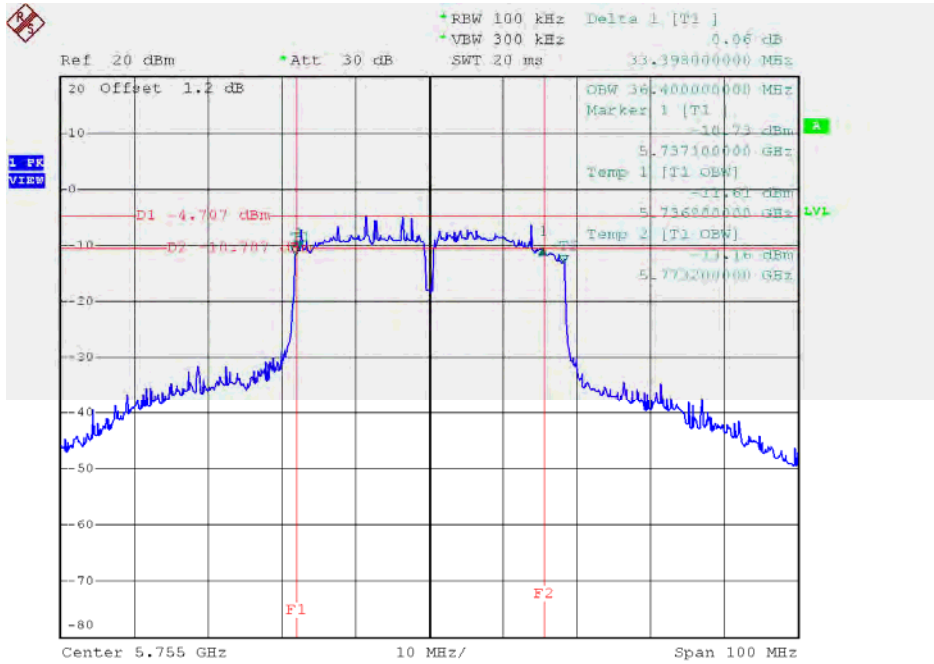
Date: 25.JUN.2016 14:20:09

TX CH 159
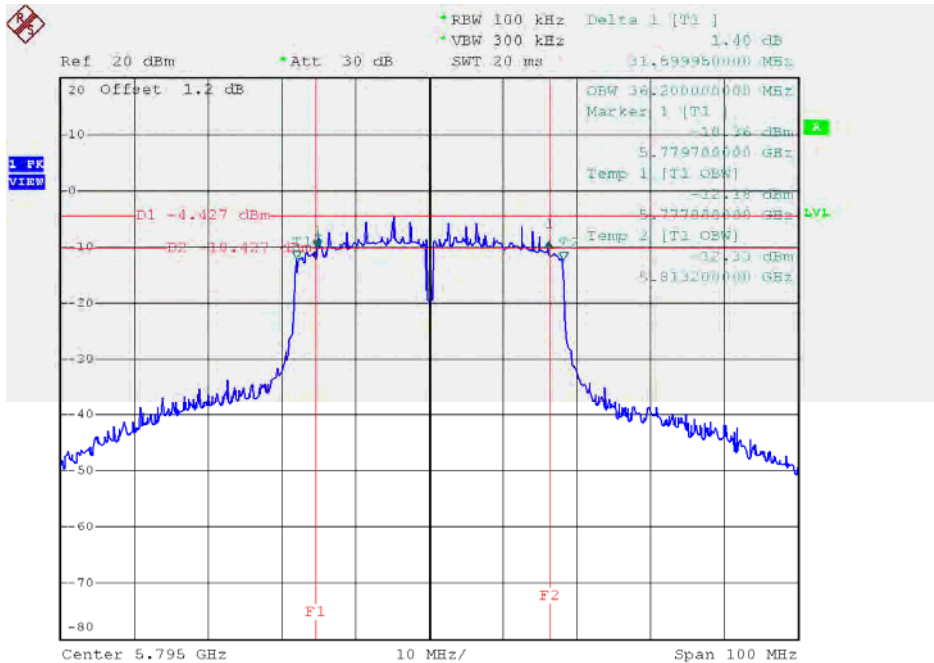
Date: 25.JUN.2016 14:23:25

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Ant 2

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.20	36.20	>=500
CH159	5795	34.30	36.00	>=500

TX CH 151
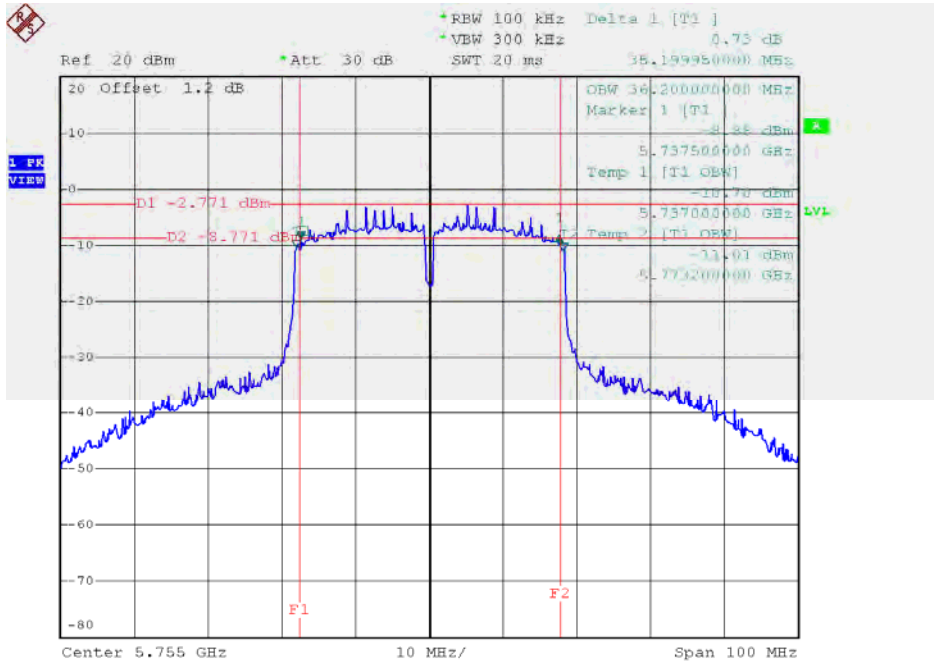
Date: 25.JUN.2016 15:54:06

TX CH 159
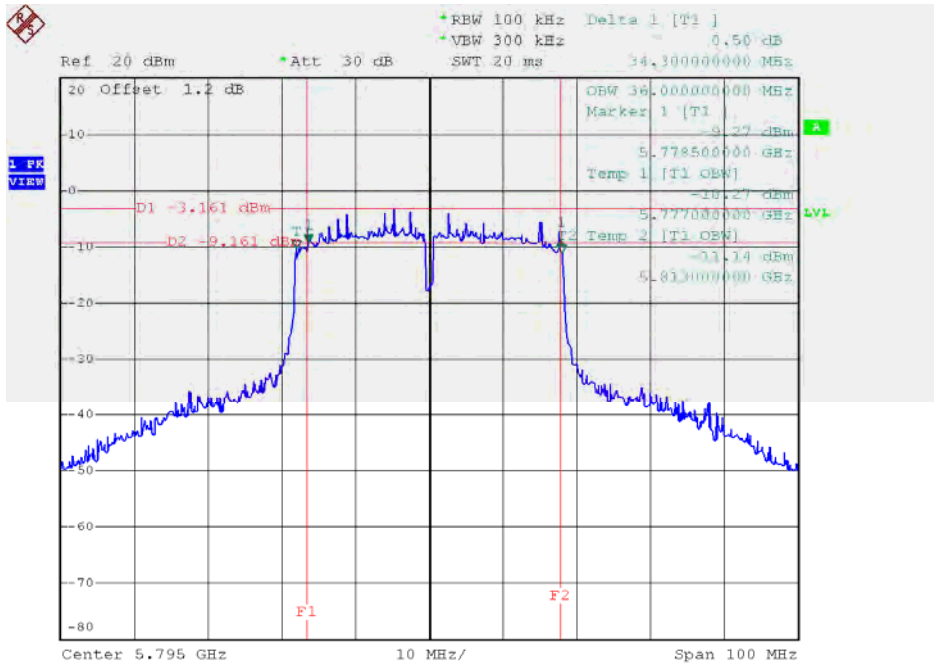
Date: 25.JUN.2016 15:56:08

ATTACHMENT 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	10.53	0.05	10.58	22.79	0.19
CH40	5200	10.63	0.05	10.68	22.79	0.19
CH48	5240	10.63	0.05	10.68	22.79	0.19

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	8.96	0.05	9.01	22.79	0.19
CH40	5200	8.47	0.05	8.52	22.79	0.19
CH48	5240	9.60	0.05	9.65	22.79	0.19

Test Mode: UNII-1/TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.87	22.79	0.19
CH40	5200	12.74	22.79	0.19
CH48	5240	13.20	22.79	0.19

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	8.71	0.05	8.76	22.79	0.19
CH40	5200	8.67	0.05	8.72	22.79	0.19
CH48	5240	8.43	0.05	8.48	22.79	0.19

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	6.64	0.05	6.69	22.79	0.19
CH40	5200	6.25	0.05	6.30	22.79	0.19
CH48	5240	7.23	0.05	7.28	22.79	0.19

Test Mode: UNII-1/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	10.86	22.79	0.19
CH40	5200	10.69	22.79	0.19
CH48	5240	10.93	22.79	0.19

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	7.88	0.1	7.98	22.79	0.19
CH46	5230	8.68	0.1	8.78	22.79	0.19

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	5.43	0.1	5.53	22.79	0.19
CH46	5230	6.91	0.1	7.01	22.79	0.19

Test Mode: UNII-1/TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	9.93	22.79	0.19
CH46	5230	10.99	22.79	0.19

Test Mode: UNII-2A/TX A Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	10.63	0.05	10.68	22.79	0.19
CH60	5300	10.99	0.05	11.04	22.79	0.19
CH64	5320	10.84	0.05	10.89	22.79	0.19

Test Mode: UNII-2A/TX A Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	9.52	0.05	10.51	22.79	0.19
CH60	5300	10.33	0.05	10.38	22.79	0.19
CH64	5320	10.27	0.05	10.32	22.79	0.19

Test Mode: UNII-2A/TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.79	22.79	0.19
CH60	5300	13.65	22.79	0.19
CH64	5320	13.57	22.79	0.19

Test Mode: UNII-2A/TX N20 Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	9.05	0.05	9.10	22.79	0.19
CH60	5300	8.99	0.05	9.04	22.79	0.19
CH64	5320	8.82	0.05	8.87	22.79	0.19

Test Mode: UNII-2A/TX N20 Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	7.21	0.05	7.26	22.79	0.19
CH60	5300	7.90	0.05	7.95	22.79	0.19
CH64	5320	8.12	0.05	8.17	22.79	0.19

Test Mode: UNII-2A/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.29	22.79	0.19
CH60	5300	11.54	22.79	0.19
CH64	5320	11.55	22.79	0.19

Test Mode: UNII-2A/TX N40 Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	8.73	0.1	8.83	22.79	0.19
CH62	5310	7.75	0.1	7.85	22.79	0.19

Test Mode: UNII-2A/TX N40 Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	7.50	0.1	7.60	22.79	0.19
CH62	5310	7.15	0.1	7.25	22.79	0.19

Test Mode: UNII-2A/TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.27	22.79	0.19
CH62	5310	10.57	22.79	0.19

Test Mode: UNII-2C/TX A Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	10.49	0.05	10.54	22.79	0.19
CH116	5580	10.93	0.05	10.98	22.79	0.19
CH140	5700	9.72	0.05	9.77	22.79	0.19

Test Mode: UNII-2C/TX A Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	10.59	0.05	10.64	22.79	0.19
CH116	5580	9.58	0.05	9.63	22.79	0.19
CH140	5700	9.62	0.05	9.67	22.79	0.19

Test Mode: UNII-2C/TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	13.60	22.79	0.19
CH116	5580	13.36	22.79	0.19
CH140	5700	12.73	22.79	0.19

Test Mode: UNII-2C/TX N20 Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	8.67	0.05	8.72	22.79	0.19
CH116	5580	8.89	0.05	8.94	22.79	0.19
CH140	5700	8.48	0.05	8.53	22.79	0.19

Test Mode: UNII-2C/TX N20 Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	8.87	0.05	8.92	22.79	0.19
CH116	5580	7.57	0.05	7.62	22.79	0.19
CH140	5700	8.35	0.05	8.40	22.79	0.19

Test Mode: UNII-2C/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.83	22.79	0.19
CH116	5580	11.34	22.79	0.19
CH140	5700	11.48	22.79	0.19

Test Mode: UNII-2C/TX N40 Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.47	0.1	8.57	22.79	0.19
CH110	5550	8.74	0.1	8.84	22.79	0.19
CH134	5670	8.41	0.1	8.51	22.79	0.19

Test Mode: UNII-2C/TX N40 Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.29	0.1	8.39	22.79	0.19
CH110	5550	7.58	0.1	7.68	22.79	0.19
CH134	5670	6.70	0.1	6.80	22.79	0.19

Test Mode: UNII-2C/TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	11.49	22.79	0.19
CH110	5550	11.31	22.79	0.19
CH134	5670	10.75	22.79	0.19

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	10.74	0.05	10.79	28.79	0.757
CH157	5785	10.75	0.05	10.80	28.79	0.757
CH161	5805	10.72	0.05	10.77	28.79	0.757

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	10.99	0.05	11.04	28.79	0.757
CH157	5785	10.78	0.05	10.83	28.79	0.757
CH161	5805	10.89	0.05	10.94	28.79	0.757

Test Mode: UNII-3/ TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	13.88	28.79	0.757
CH157	5785	13.78	28.79	0.757
CH161	5805	13.82	28.79	0.757

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	8.26	0.05	8.31	28.79	0.757
CH157	5785	8.52	0.05	8.57	28.79	0.757
CH161	5805	8.84	0.05	8.89	28.79	0.757

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	8.87	0.05	8.92	28.79	0.757
CH157	5785	8.64	0.05	8.69	28.79	0.757
CH161	5805	8.38	0.05	8.43	28.79	0.757

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	11.64	28.79	0.757
CH157	5785	11.64	28.79	0.757
CH161	5805	11.68	28.79	0.757

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	8.70	0.1	8.80	28.79	0.757
CH159	5795	8.61	0.1	8.71	28.79	0.757

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	9.21	0.1	9.31	28.79	0.757
CH159	5795	8.18	0.1	8.28	28.79	0.757

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	12.07	28.79	0.757
CH159	5795	11.51	28.79	0.757

ATTACHMENT 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	0.62	0.05	0.67	9.79
CH40	5200	0.89	0.05	0.94	9.79
CH48	5240	-0.02	0.05	0.03	9.79
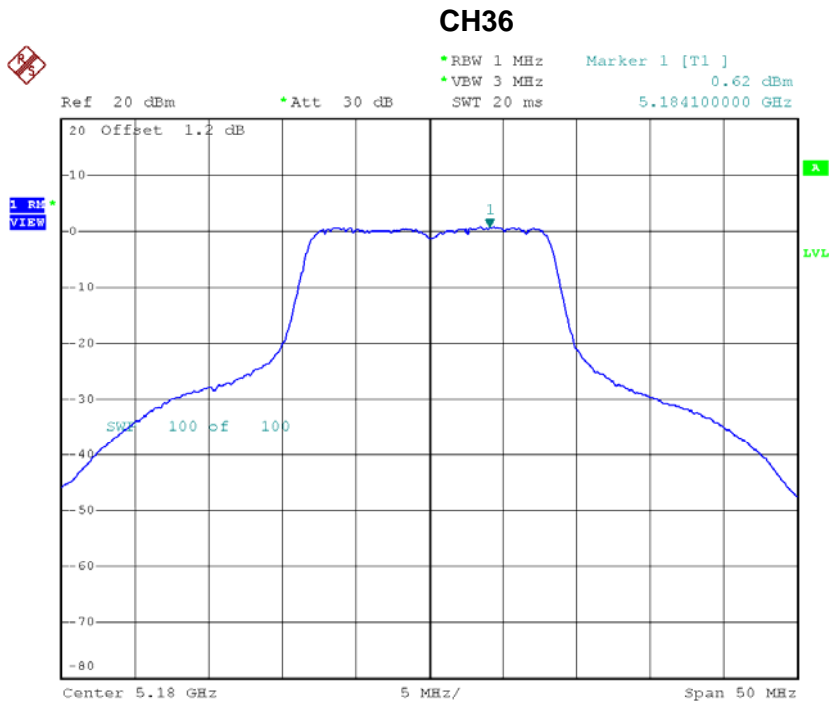
CH36

Date: 25.JUN.2016 11:19:31

CH40

```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz              0.89 dBm
        Ref  20 dBm         *Att  30 dB    SWT 20 ms      5.206200000 GHz
        20 Offset  1.2 dB
                                                                          A
      -10

  1 RM *
  VIEW                                               1

                                                                          LVL
      -10

      -20

      -30
        SWT   100 of   100
      -40

      -50

      -60

      -70

      -80
        Center 5.2 GHz           5 MHz/            Span 50 MHz
```

Date: 25.JUN.2016 11:22:17

CH48

```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz             -0.02 dBm
        Ref  20 dBm         *Att  30 dB    SWT 20 ms      5.246200000 GHz
        20 Offset  1.2 dB
                                                                          A
      -10

  1 RM *
  VIEW                                               1

                                                                          LVL
      -10

      -20

      -30
        SWT   100 of   100
      -40

      -50

      -60

      -70

      -80
        Center 5.24 GHz          5 MHz/            Span 50 MHz
```
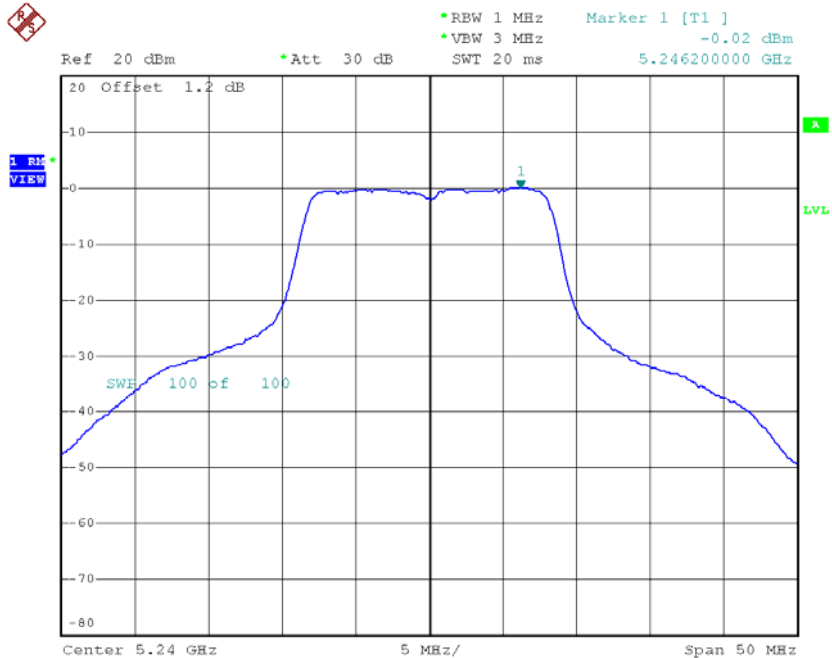
Date: 25.JUN.2016 11:24:43

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	-1.18	0.05	-1.13	9.79
CH40	5200	-0.85	0.05	-0.80	9.79
CH48	5240	-1.40	0.05	-1.35	9.79

CH36

Date: 25.JUN.2016 14:39:14

CH40


```
                                          *RBW  1 MHz    Marker 1 [T1 ]
                                          *VBW  3 MHz              -0.85 dBm
           Ref  20 dBm        *Att  30 dB  SWT  20 ms      5.206600000 GHz
```

Date: 25.JUN.2016 14:42:10

CH48


```
                                          *RBW  1 MHz    Marker 1 [T1 ]
                                          *VBW  3 MHz              -1.40 dBm
           Ref  20 dBm        *Att  30 dB  SWT  20 ms      5.245100000 GHz
```
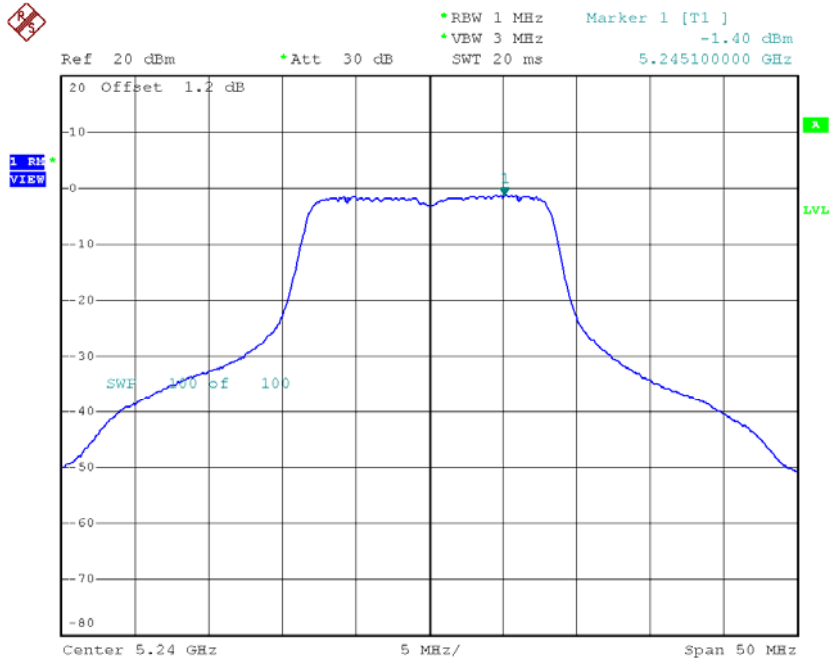
Date: 25.JUN.2016 14:44:10

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	2.85	9.79
CH40	5200	3.14	9.79
CH48	5240	2.38	9.79

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	-2.12	0.05	-2.07	9.79
CH40	5200	-2.00	0.05	-1.95	9.79
CH48	5240	-3.08	0.05	-3.03	9.79
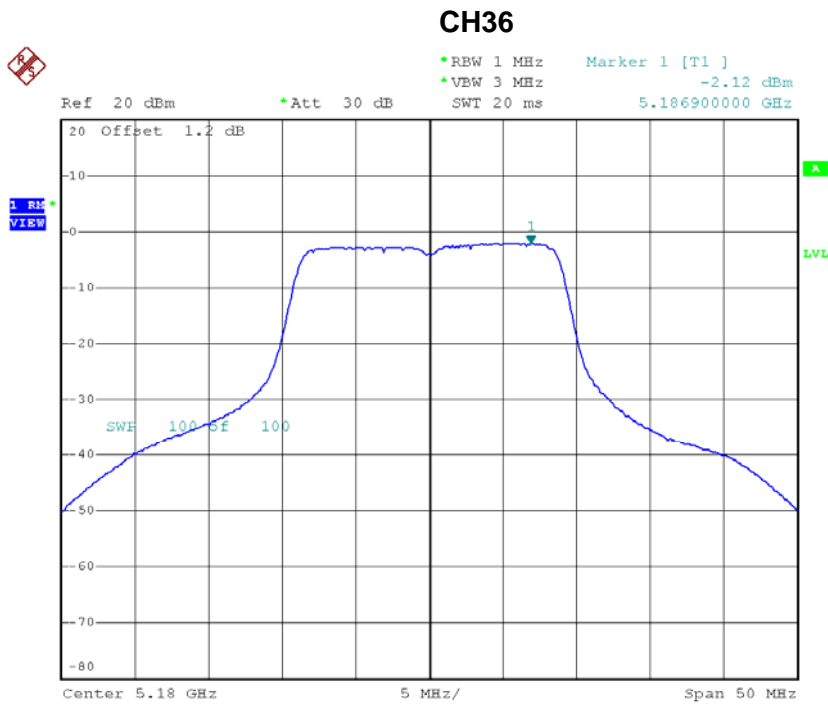
CH36

Date: 25.JUN.2016 11:26:47

CH40

Date: 25.JUN.2016 11:29:17

CH48
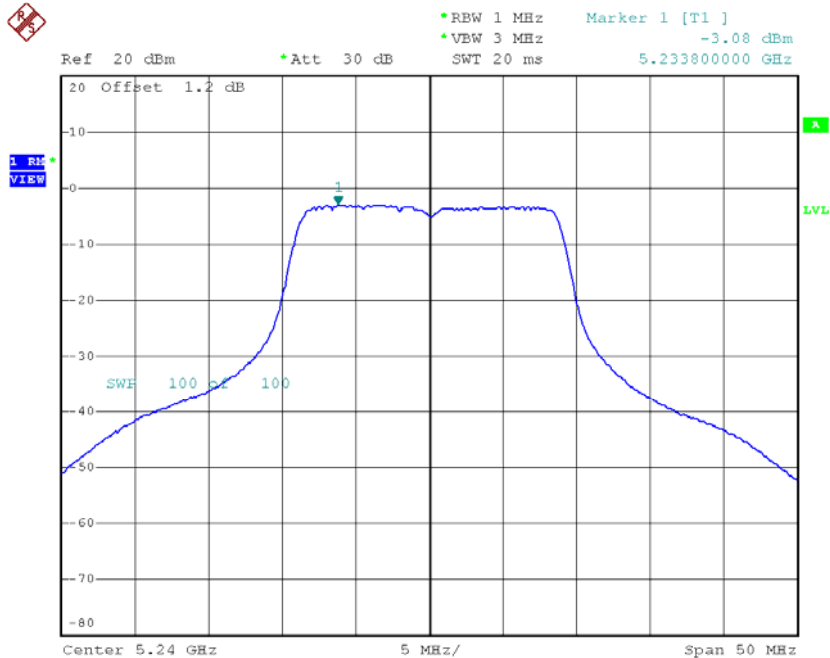
Date: 25.JUN.2016 11:30:34

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	-4.31	0.05	-4.26	9.79
CH40	5200	-4.02	0.05	-3.97	9.79
CH48	5240	-4.31	0.05	-4.26	9.79
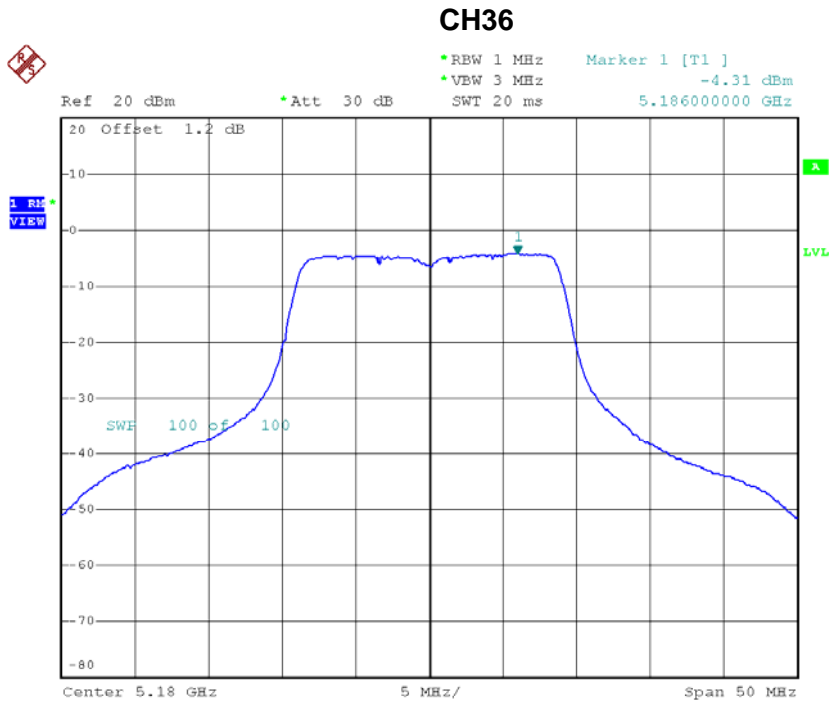
CH36

Date: 25.JUN.2016 14:46:53

CH40

```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz            -4.02 dBm
         Ref  20 dBm        *Att  30 dB    SWT 20 ms      5.205700000 GHz
```



```
Date: 25.JUN.2016  14:49:00
```

CH48

```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz            -4.31 dBm
         Ref  20 dBm        *Att  30 dB    SWT 20 ms      5.245900000 GHz
```



```
Date: 25.JUN.2016  14:51:29
```

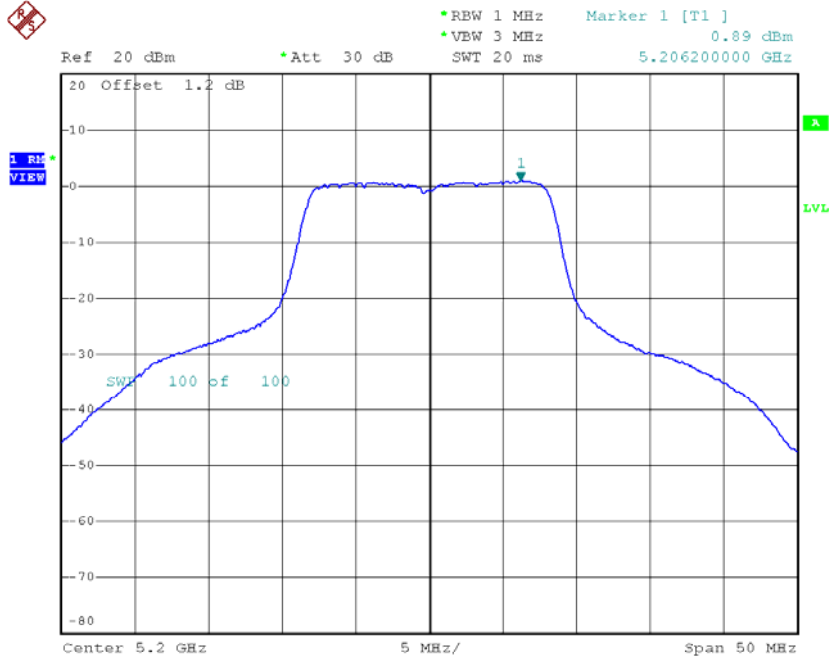| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-0.02	9.79
CH40	5200	0.17	9.79
CH48	5240	-0.59	9.79

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	-7.58	0.1	-7.48	9.79
CH46	5230	-5.10	0.1	-5.00	9.79

CH38
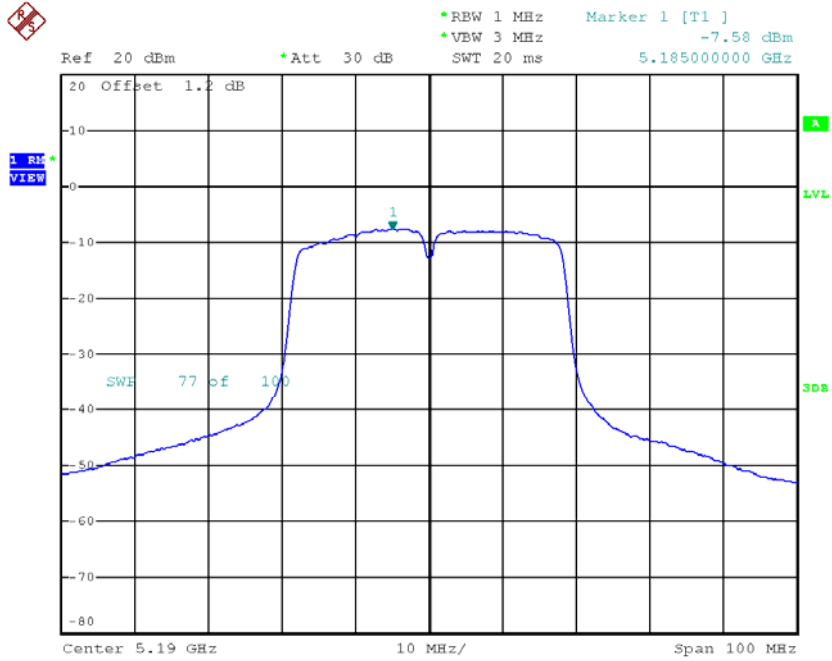
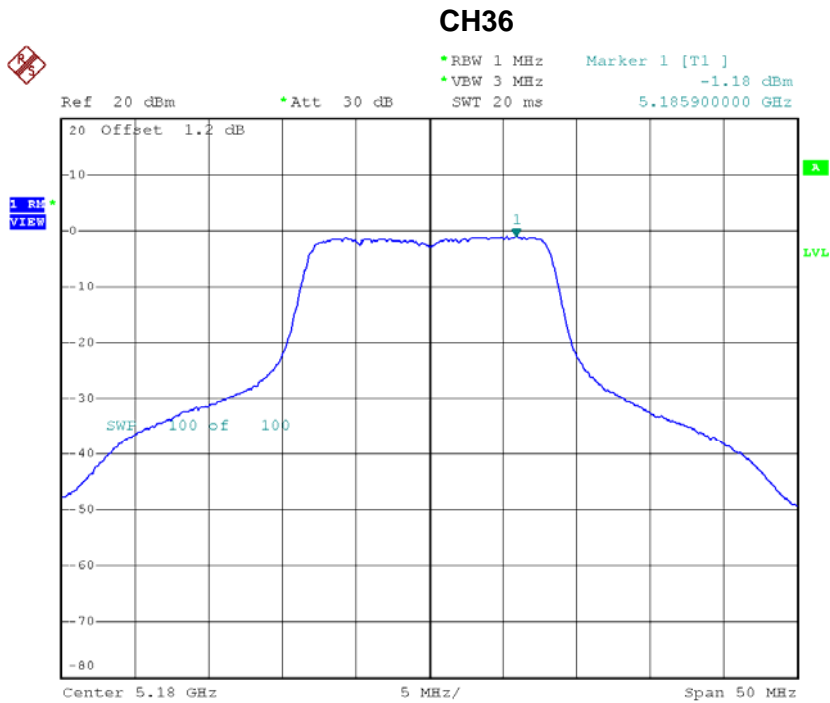Date: 11.JUL.2016 18:42:48

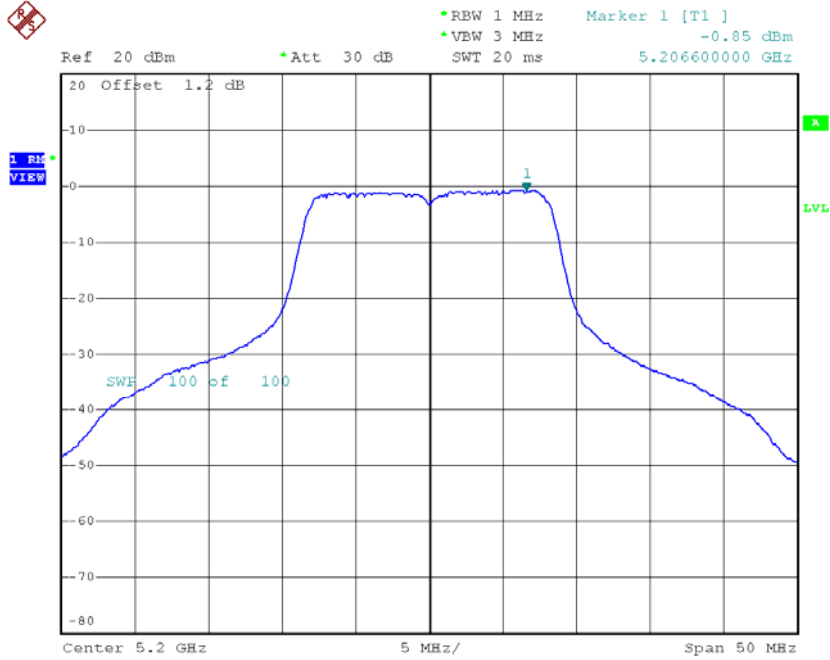## CH46
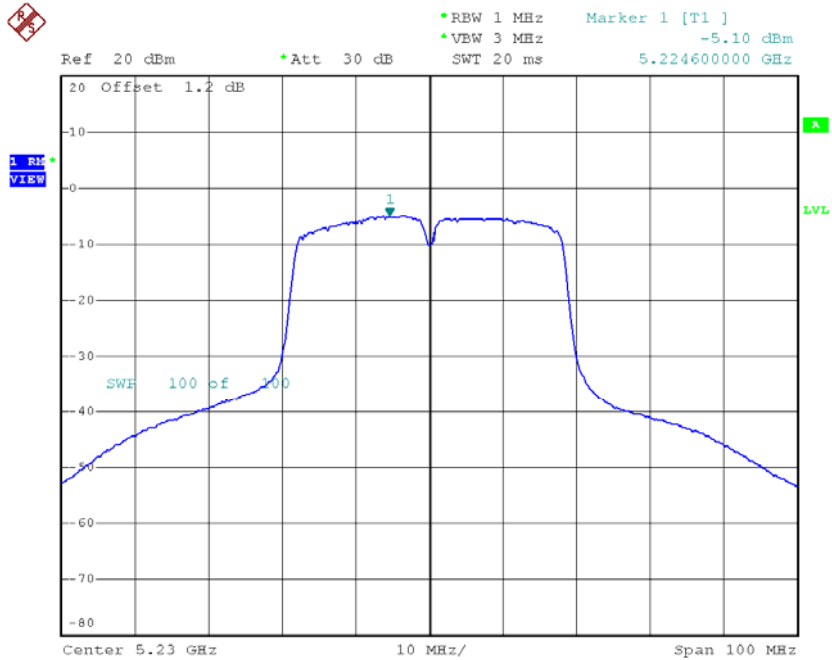
Date: 25.JUN.2016 11:35:07

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	-9.67	0.1	-9.57	9.79
CH46	5230	-6.23	0.1	-6.13	9.79

CH38

```
                                        *RBW 1 MHz    Marker 1 [T1 ]
                                        *VBW 3 MHz                -9.67 dBm
        Ref   20 dBm        *Att  30 dB  SWT 20 ms       5.196800000 GHz

        20 Offset  1.2 dB
                                                                        A
        -10

1 RM *   0                                                              LVL
VIEW
                                              1
        -10

        -20

        -30
                                                                        3DB
        SWP    77 of  100
        -40

        -50

        -60

        -70

        -80
        Center 5.19 GHz            10 MHz/            Span 100 MHz
```
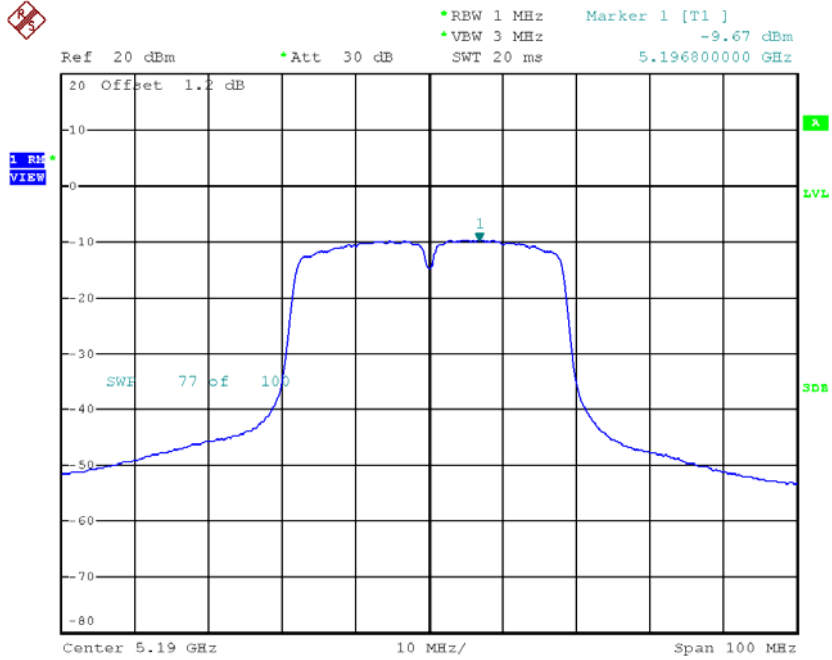
Date: 11.JUL.2016 18:24:12

CH46
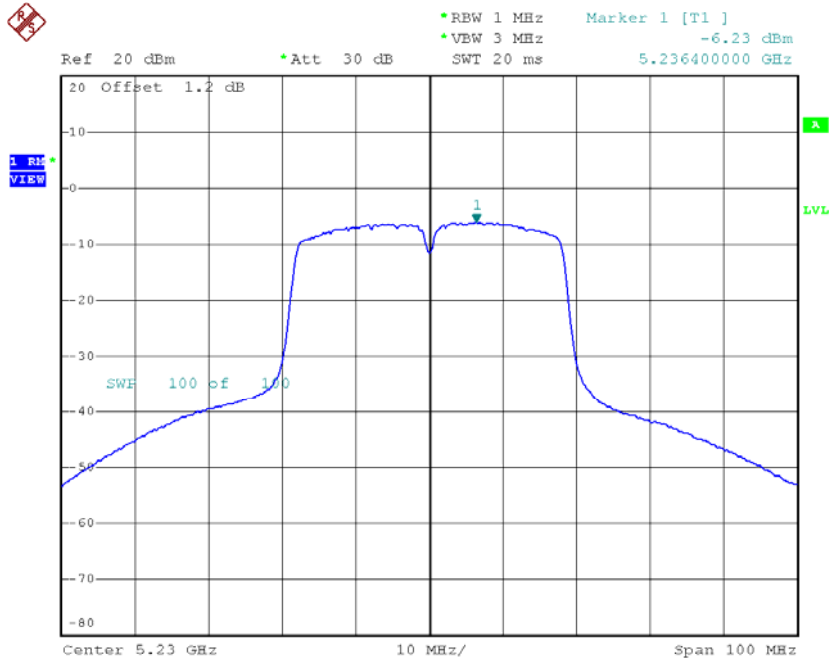
```
                                        *RBW 1 MHz    Marker 1 [T1 ]
                                        *VBW 3 MHz                -6.23 dBm
        Ref   20 dBm        *Att  30 dB  SWT 20 ms       5.236400000 GHz

        20 Offset  1.2 dB
                                                                        A
        -10

1 RM *   0                                                              LVL
VIEW
                                             1
        -10

        -20

        -30
        SWP   100 of  100
        -40

        -50

        -60

        -70

        -80
        Center 5.23 GHz            10 MHz/            Span 100 MHz
```

Date: 25.JUN.2016 14:56:07

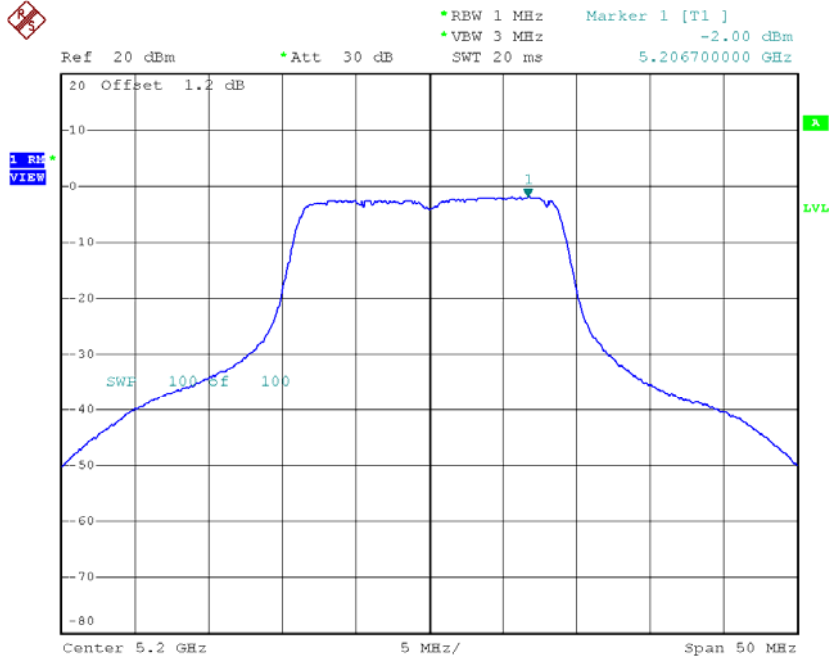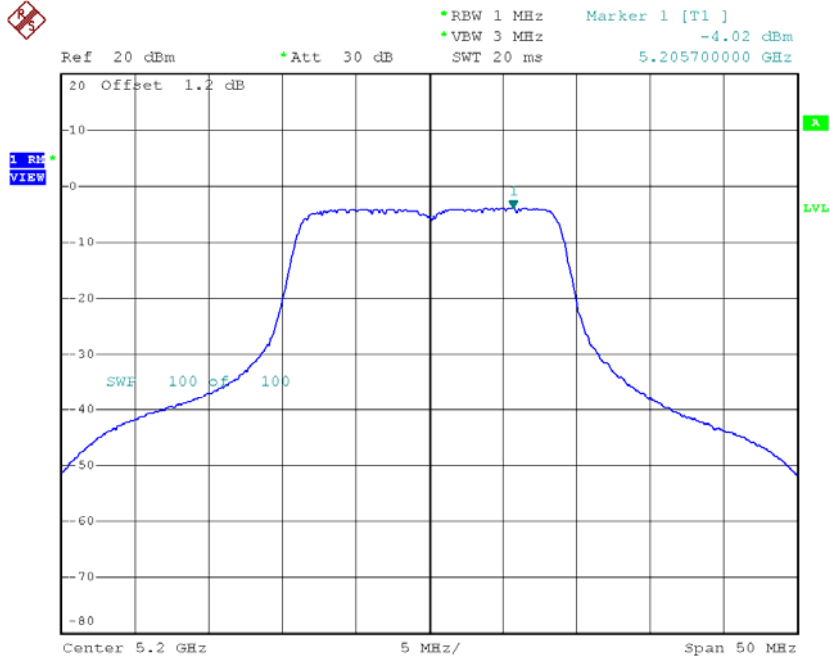| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-5.39	9.79
CH46	5230	-2.52	9.79

Test Mode: UNII-2A/ TX A Mode_CH52/CH60/CH64_Ant 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	-0.31	0.05	-0.26	9.79
CH60	5300	-0.03	0.05	0.02	9.79
CH64	5320	0.19	0.05	0.24	9.79
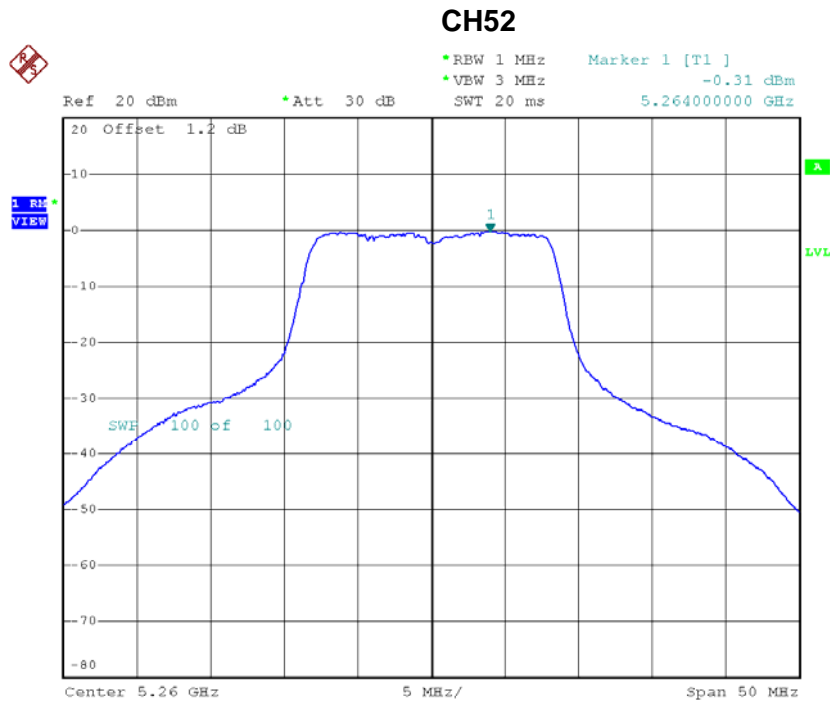
CH52

Date: 25.JUN.2016 11:50:50

CH60

Date: 25.JUN.2016 11:55:24

CH64
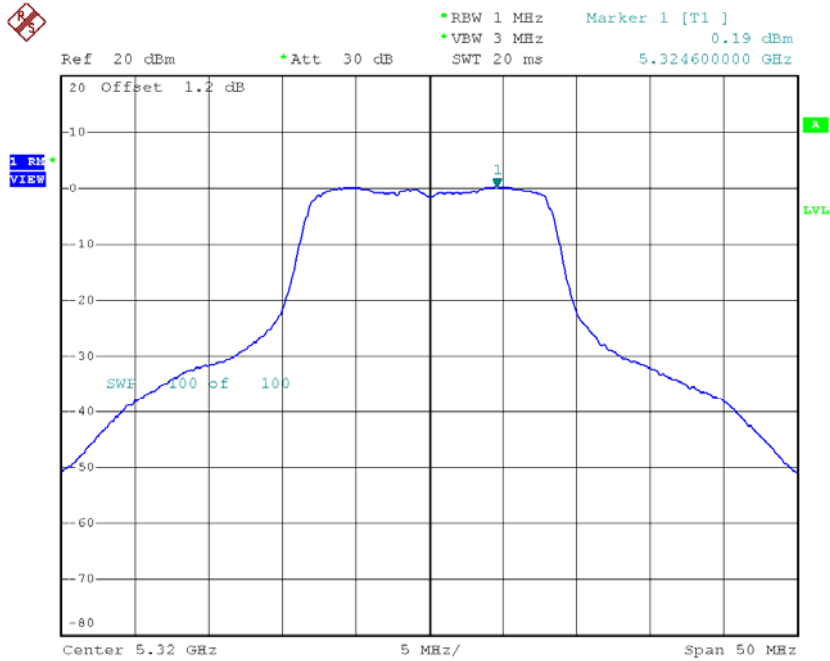
Date: 25.JUN.2016 11:56:44

Test Mode: UNII-2A/ TX A Mode_CH52/CH60/CH64_Ant 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	-1.34	0.05	-1.29	9.79
CH60	5300	-0.26	0.05	-0.21	9.79
CH64	5320	-0.08	0.05	-0.03	9.79

CH52

Date: 25.JUN.2016 15:00:30

CH60

```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              -0.26 dBm
    Ref  20 dBm        *Att  30 dB   SWT 20 ms      5.304300000 GHz
   20 Offset  1.2 dB
```



```
   Center 5.3 GHz              5 MHz/              Span 50 MHz
```

Date: 25.JUN.2016 15:03:00

CH64

```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              -0.08 dBm
    Ref  20 dBm        *Att  30 dB   SWT 20 ms      5.314100000 GHz
   20 Offset  1.2 dB
```



```
   Center 5.32 GHz             5 MHz/              Span 50 MHz
```
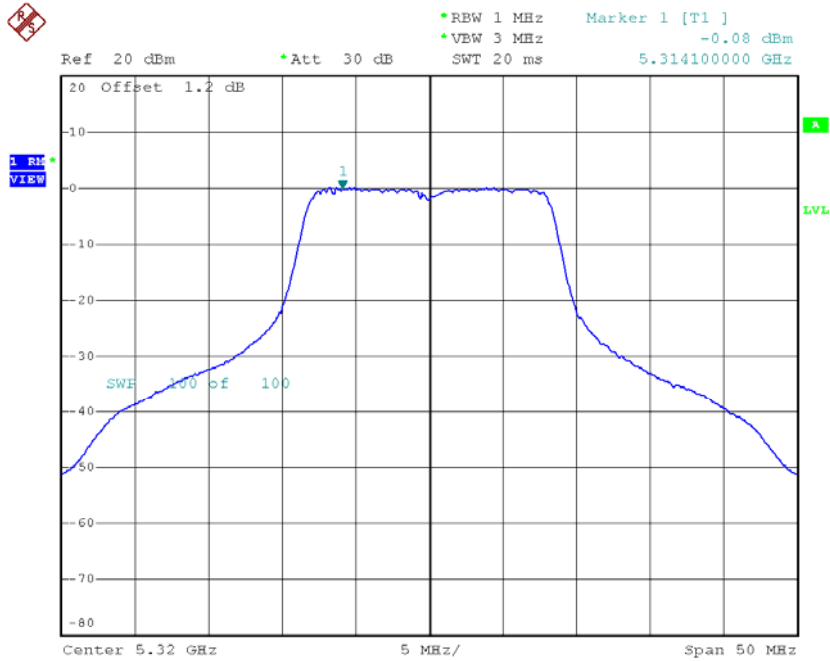
Date: 25.JUN.2016 15:04:26

Test Mode: UNII-2A/ TX A Mode_CH52/CH60/CH64_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	2.24	9.79
CH60	5300	2.89	9.79
CH64	5320	3.09	9.79

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_Ant 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	-2.45	0.05	-2.40	9.79
CH60	5300	-2.27	0.05	-2.22	9.79
CH64	5320	-1.31	0.05	-1.26	9.79

CH52

Date: 25.JUN.2016 11:58:31

CH60


```
                                    *RBW 1 MHz     Marker 1 [T1 ]
                                    *VBW 3 MHz              -2.27 dBm
        Ref  20 dBm    *Att  30 dB   SWT 20 ms       5.306400000 GHz
```

Date: 25.JUN.2016 12:00:00

CH64


```
                                    *RBW 1 MHz     Marker 1 [T1 ]
                                    *VBW 3 MHz              -1.31 dBm
        Ref  20 dBm    *Att  30 dB   SWT 20 ms       5.326900000 GHz
```
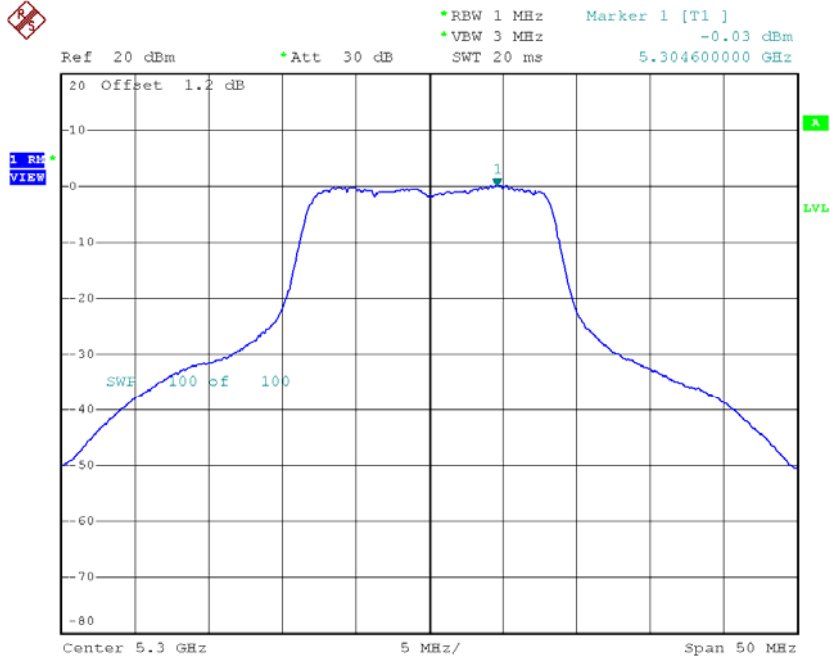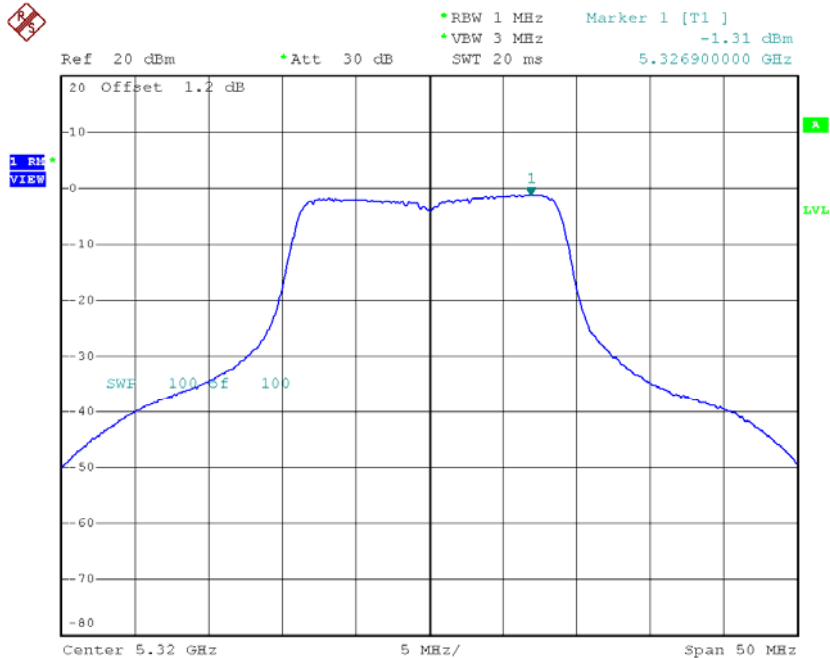
Date: 25.JUN.2016 12:12:55

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_Ant 2

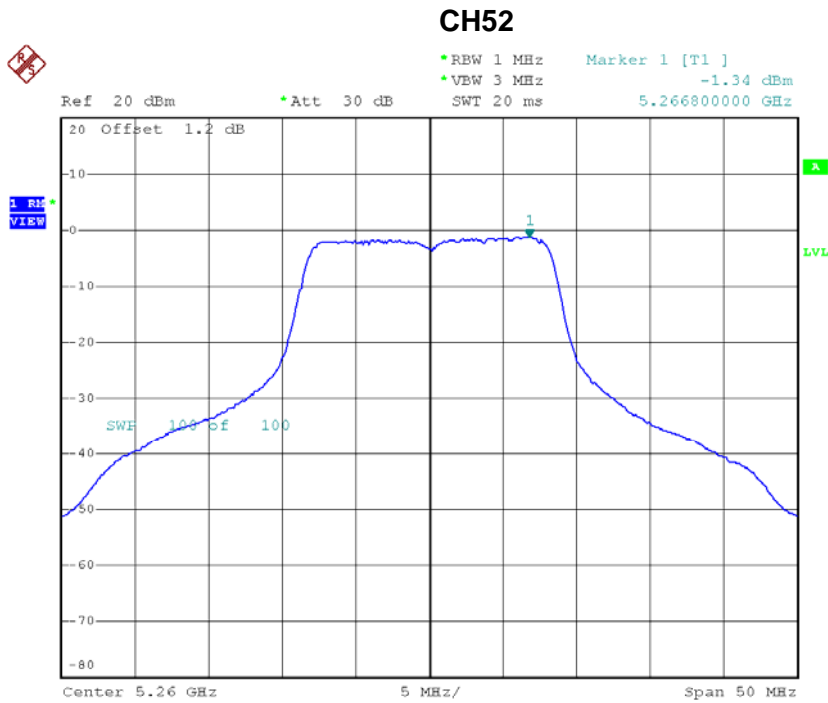| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	-3.92	0.05	-3.87	9.79
CH60	5300	-2.75	0.05	-2.70	9.79
CH64	5320	-2.07	0.05	-2.02	9.79
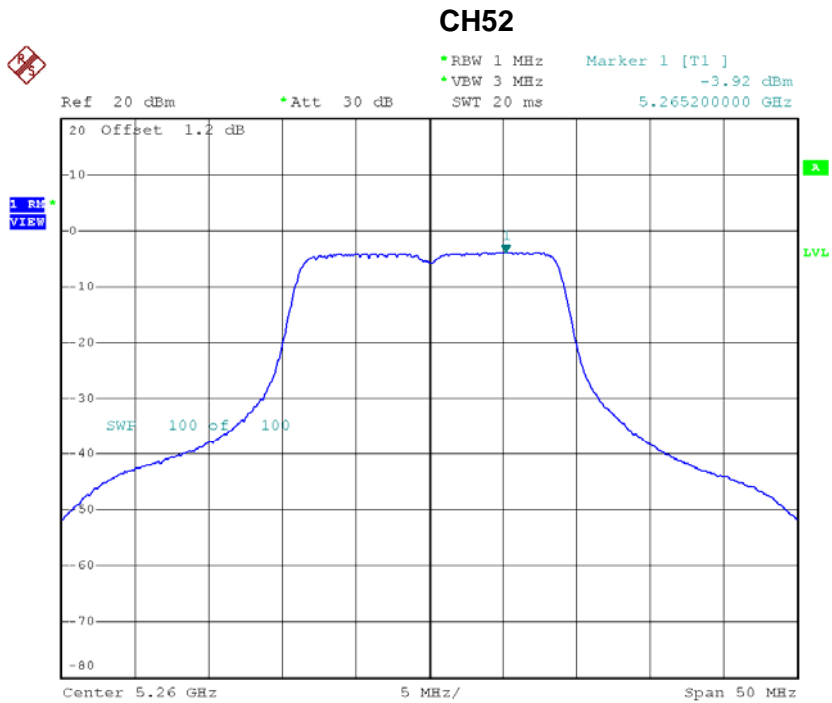
CH52

Date: 25.JUN.2016 15:07:01

CH60

RBW 1 MHz   Marker 1 [T1]
VBW 3 MHz   -2.75 dBm
Ref 20 dBm   Att 30 dB   SWT 20 ms   5.305500000 GHz

20 Offset 1.2 dB

A

1 RM
VIEW

LVL

SWP 100 of 100

Center 5.3 GHz   5 MHz/   Span 50 MHz

Date: 25.JUN.2016 15:08:54

CH64

RBW 1 MHz   Marker 1 [T1]
VBW 3 MHz   -2.07 dBm
Ref 20 dBm   Att 30 dB   SWT 20 ms   5.314000000 GHz

20 Offset 1.2 dB

A

1 RM
VIEW

LVL

SWP 100 of 100

Center 5.32 GHz   5 MHz/   Span 50 MHz
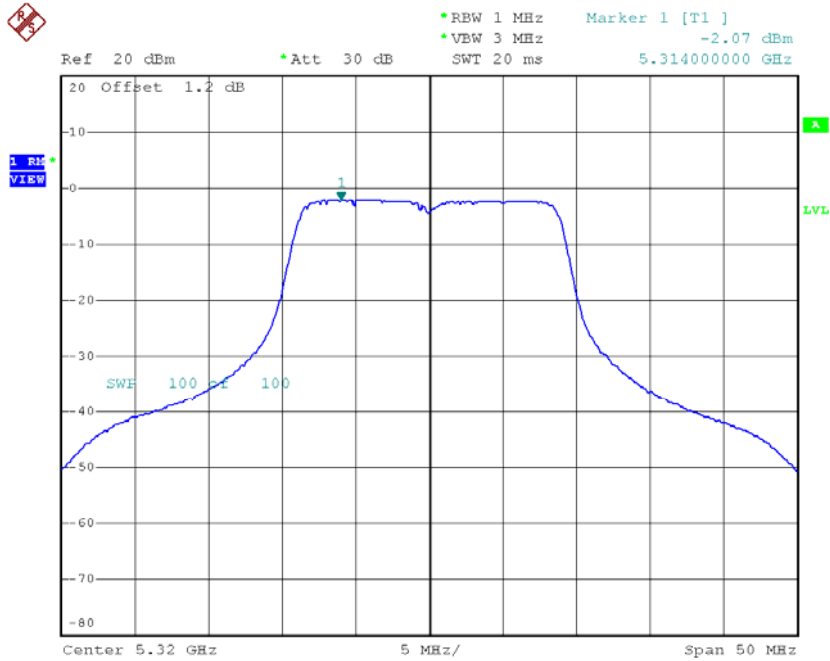
Date: 25.JUN.2016 15:12:16

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_Total

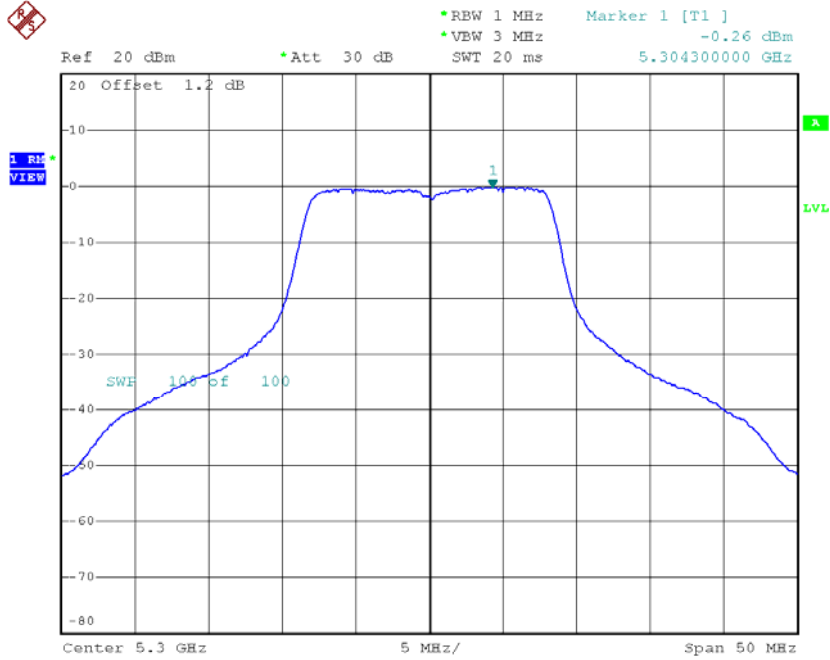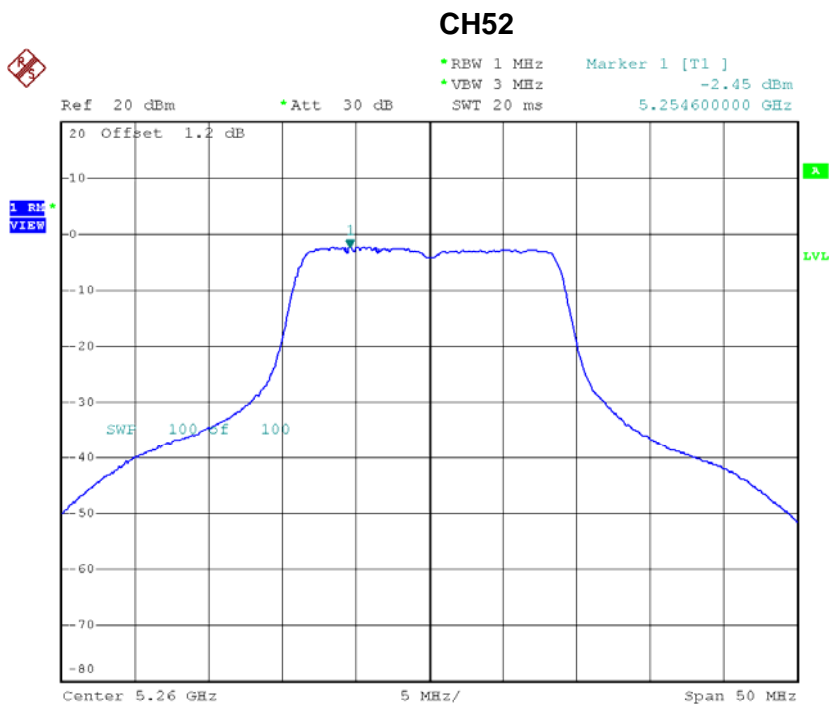| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	-0.06	9.79
CH60	5300	0.56	9.79
CH64	5320	1.39	9.79

Test Mode: UNII-2A/TX N40 Mode_CH54/CH62_Ant 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH54	5270	-4.99	0.1	-4.89	9.79
CH62	5310	-7.20	0.1	-7.10	9.79

CH54
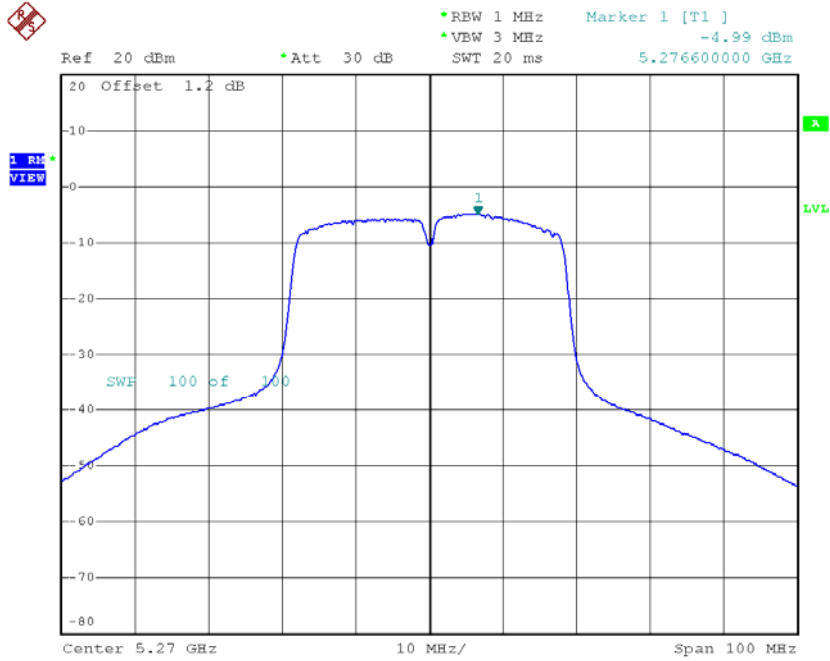
Date: 25.JUN.2016 12:04:57

CH62
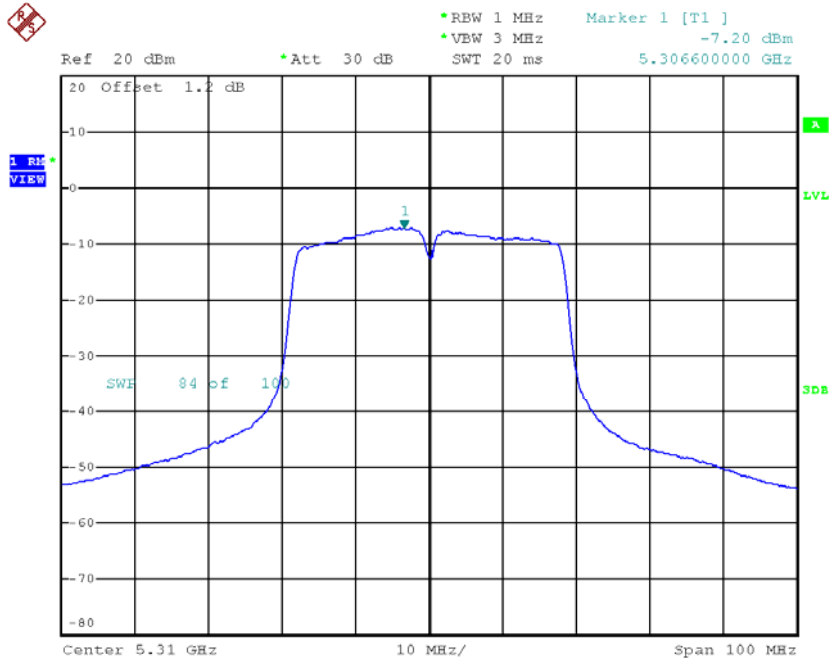
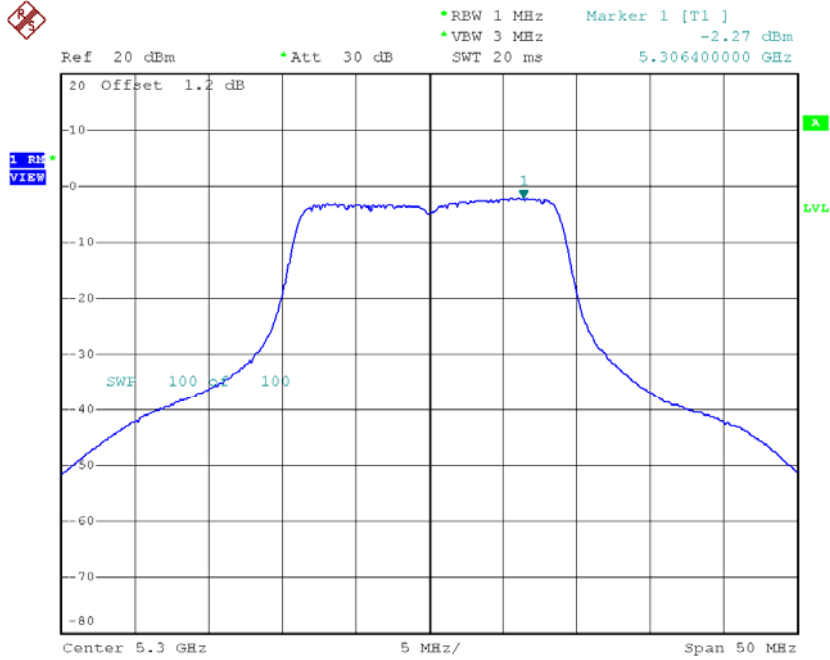Date: 11.JUL.2016 18:37:24

Test Mode: UNII-2A/TX N40 Mode_CH54/CH62_Ant 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH54	5270	-6.64	0.1	-6.54	9.79
CH62	5310	-7.41	0.1	-7.31	9.79

CH54
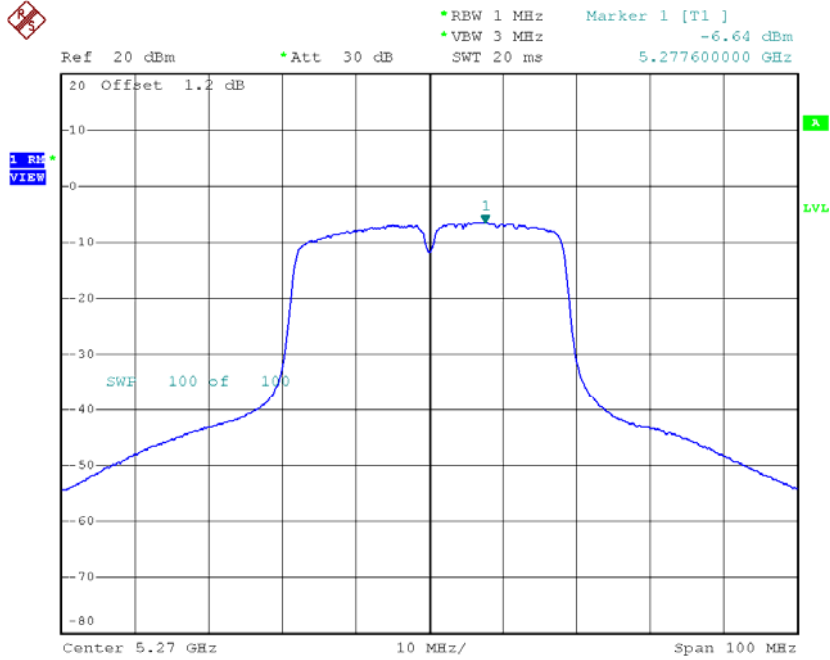
Date: 25.JUN.2016 15:14:10

CH62
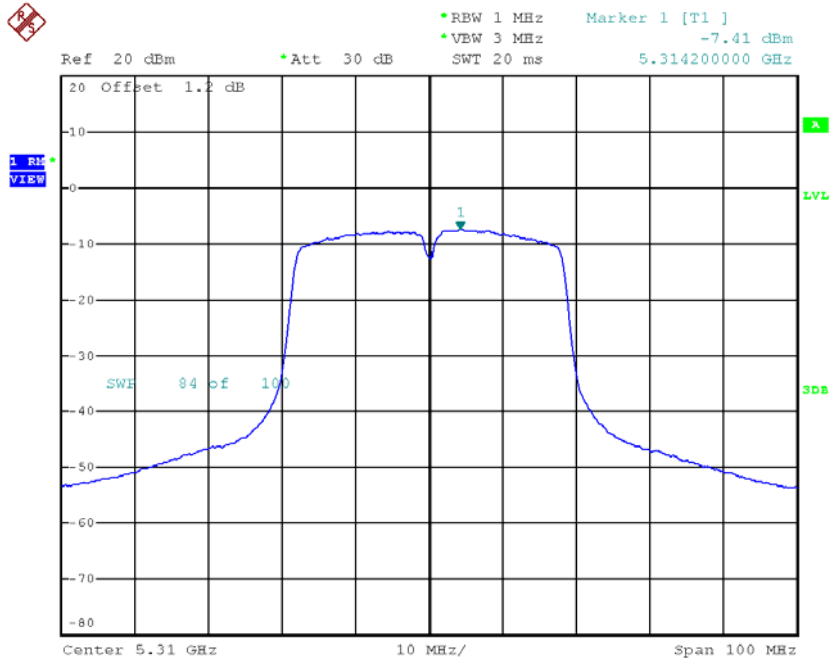
Date: 11.JUL.2016 18:29:30

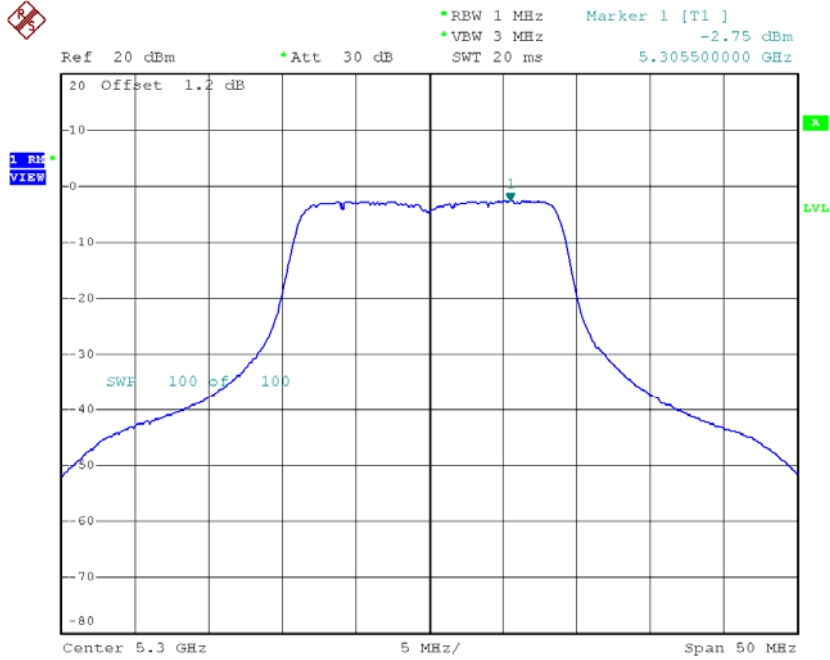| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH54	5270	-2.63	9.79
CH62	5310	-4.19	9.79

Test Mode: UNII-2C/ TX A Mode_CH100/CH116/CH140_Ant 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	0.69	0.05	0.74	9.79
CH116	5580	0.77	0.05	0.82	9.79
CH140	5700	-1.26	0.05	-1.21	9.79
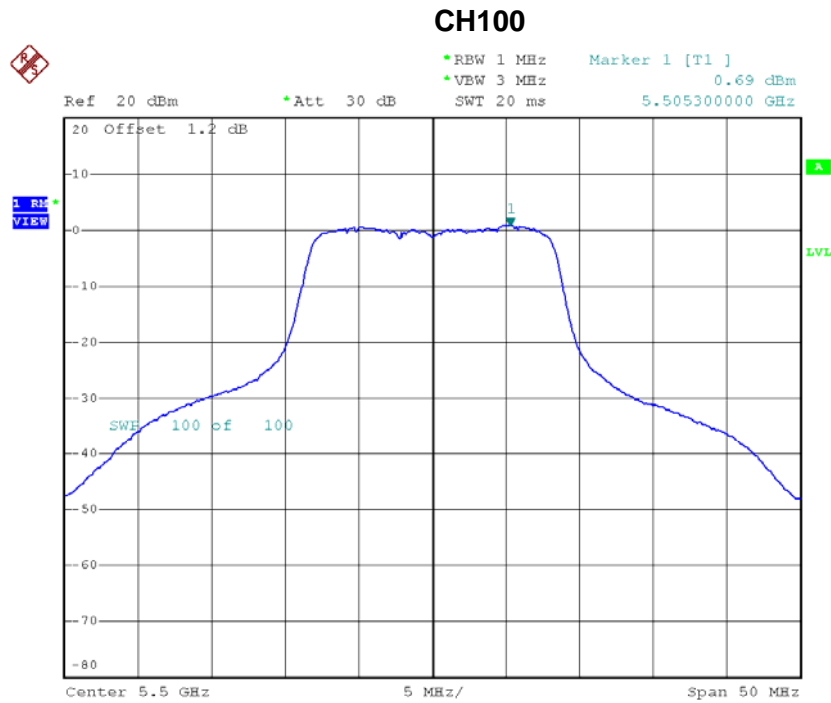
CH100

Date: 25.JUN.2016 13:34:43

CH116


```
                                          * RBW 1 MHz    Marker 1 [T1 ]
                                          * VBW 3 MHz              0.77 dBm
        Ref  20 dBm          * Att  30 dB   SWT 20 ms      5.574200000 GHz
        20 Offset  1.2 dB
```

Center 5.58 GHz   5 MHz/   Span 50 MHz

Date: 25.JUN.2016 13:36:12

CH140


```
                                          * RBW 1 MHz    Marker 1 [T1 ]
                                          * VBW 3 MHz             -1.26 dBm
        Ref  20 dBm          * Att  30 dB   SWT 20 ms      5.695900000 GHz
        20 Offset  1.2 dB
```

Center 5.7 GHz   5 MHz/   Span 50 MHz
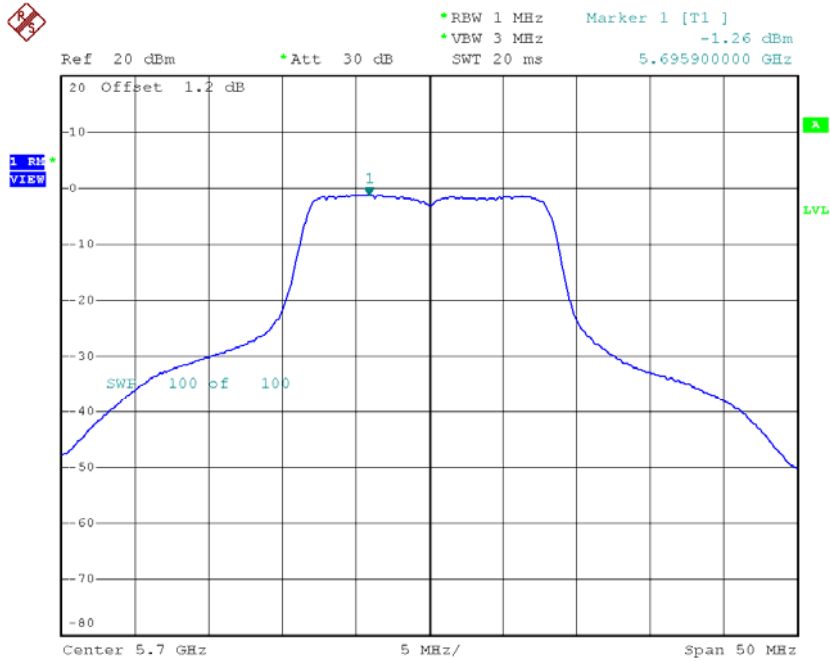
Date: 25.JUN.2016 13:37:39

Test Mode: UNII-2C/ TX A Mode_CH100/CH116/CH140_Ant 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	0.46	0.05	0.51	9.79
CH116	5580	-0.52	0.05	-0.47	9.79
CH140	5700	-2.15	0.05	-2.10	9.79

CH100

Date: 25.JUN.2016 15:20:06

CH116

Date: 25.JUN.2016 15:23:51

CH140

Date: 11.JUL.2016 18:17:02

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	3.61	9.79
CH116	5580	3.21	9.79
CH140	5700	1.35	9.79

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_Ant 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	-1.86	0.05	-1.81	9.79
CH116	5580	-1.72	0.05	-1.67	9.79
CH140	5700	-3.22	0.05	-3.17	9.79

CH100

Date: 25.JUN.2016 13:39:21

CH116


```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz              -1.72 dBm
        Ref  20 dBm          *Att  30 dB   SWT 20 ms      5.585400000 GHz
        20 Offset  1.2 dB
```

Date: 25.JUN.2016 13:41:04

CH140


```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz              -3.22 dBm
        Ref  20 dBm          *Att  30 dB   SWT 20 ms      5.704300000 GHz
        20 Offset  1.2 dB
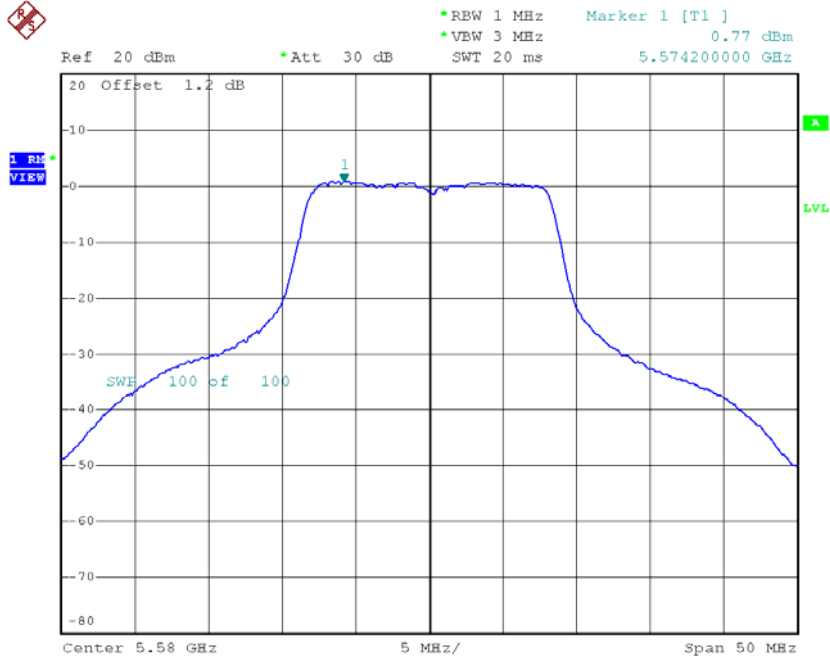```
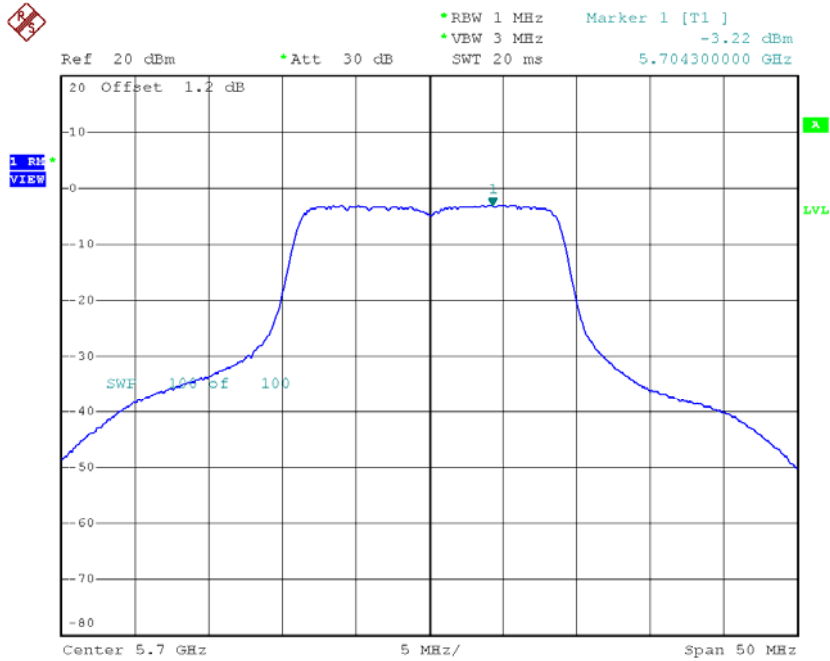
Date: 25.JUN.2016  13:42:07

## Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_Ant 2

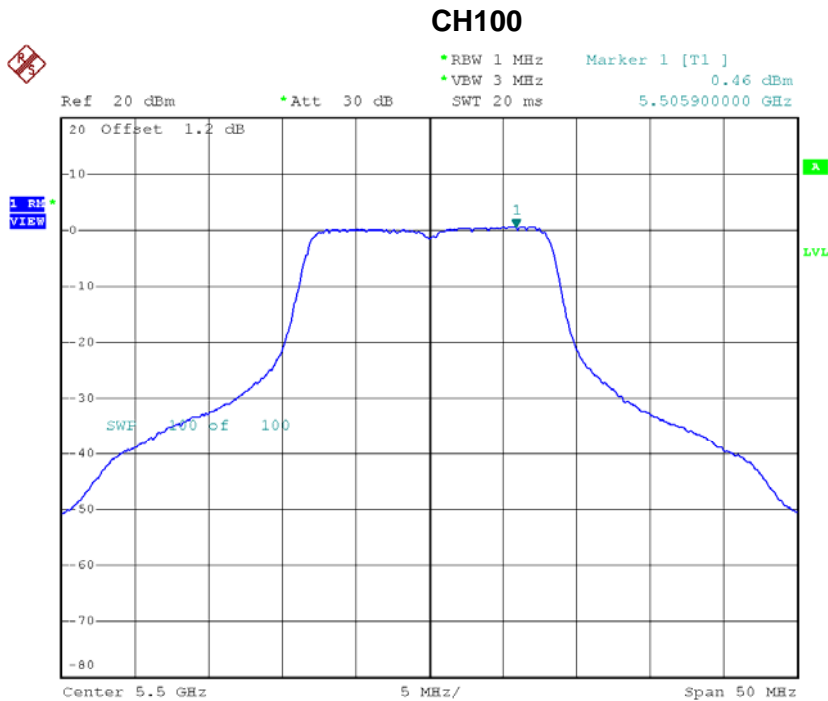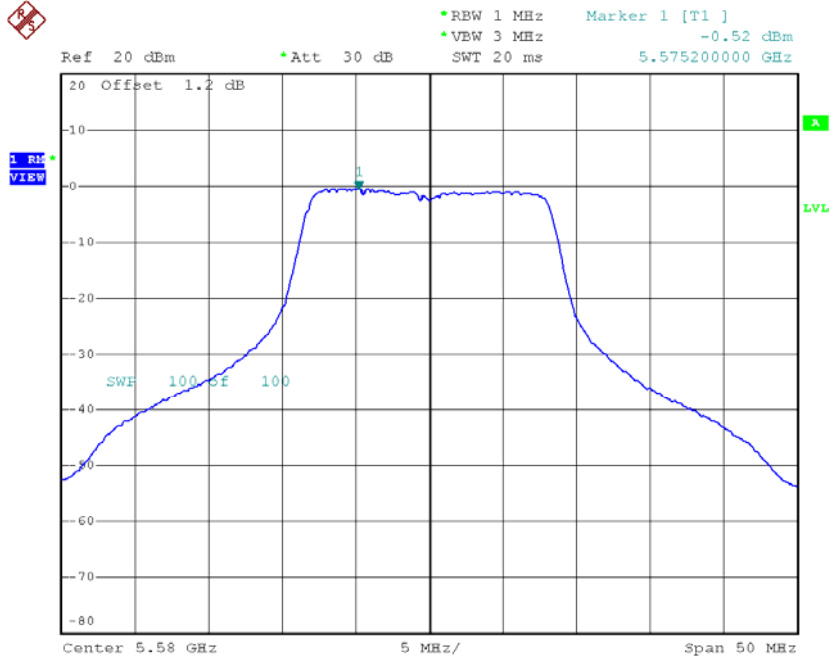| Channel | Frequency (MHz) | Power Density (dBm/MHz) | Duty Factor | Power Density + Duty Factor (dBm/MHz) | Limit (dBm/MHz) |
|---------|-----------------|-------------------------|-------------|----------------------------------------|-----------------|
| CH100   | 5500            | -1.80                   | 0.05        | -1.75                                  | 9.79            |
| CH116   | 5580            | -2.67                   | 0.05        | -2.62                                  | 9.79            |
| CH140   | 5700            | -4.08                   | 0.05        | -4.03                                  | 9.79            |

**CH100**



Date: 25.JUN.2016  15:28:06

## CH116

```
                                          *RBW  1 MHz    Marker 1 [T1 ]
                                          *VBW  3 MHz              -2.67 dBm
          Ref  20 dBm        *Att  30 dB   SWT  20 ms     5.574400000 GHz
```



```
20 Offset  1.2 dB                                                    A

1 RM*
VIEW                                                                  LVL

           SWE   100 of  100
```

```
Center 5.58 GHz              5 MHz/                  Span 50 MHz
```

Date: 25.JUN.2016 15:30:05

CH140

```
                                          *RBW  1 MHz    Marker 1 [T1 ]
                                          *VBW  3 MHz              -4.08 dBm
          Ref  20 dBm        *Att  30 dB   SWT  20 ms     5.706200000 GHz
```



```
20 Offset  1.2 dB                                                    A

1 RM*
VIEW                                                                  LVL

           SWE   100 of  100
```

```
Center 5.7 GHz               5 MHz/                  Span 50 MHz
```
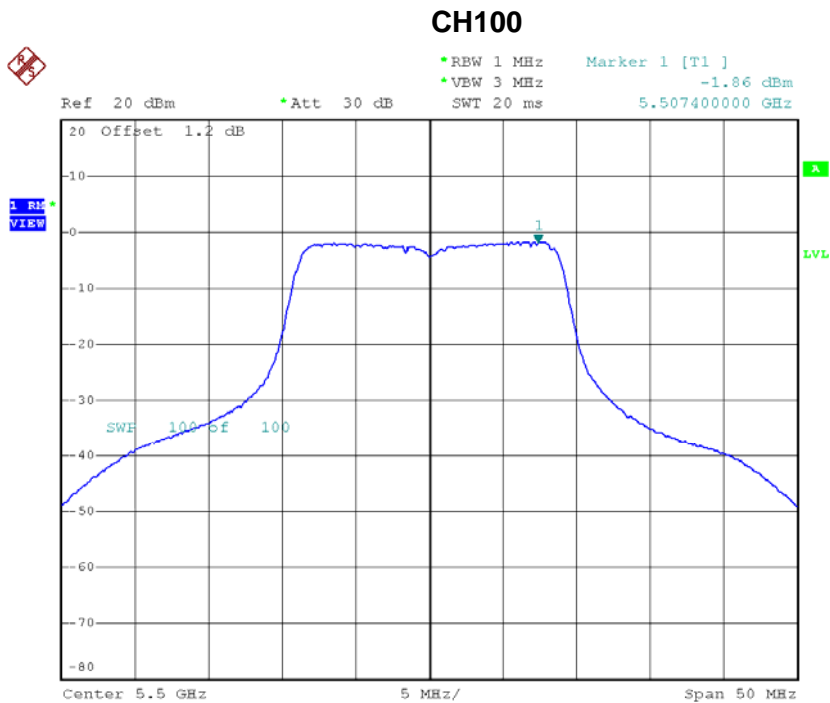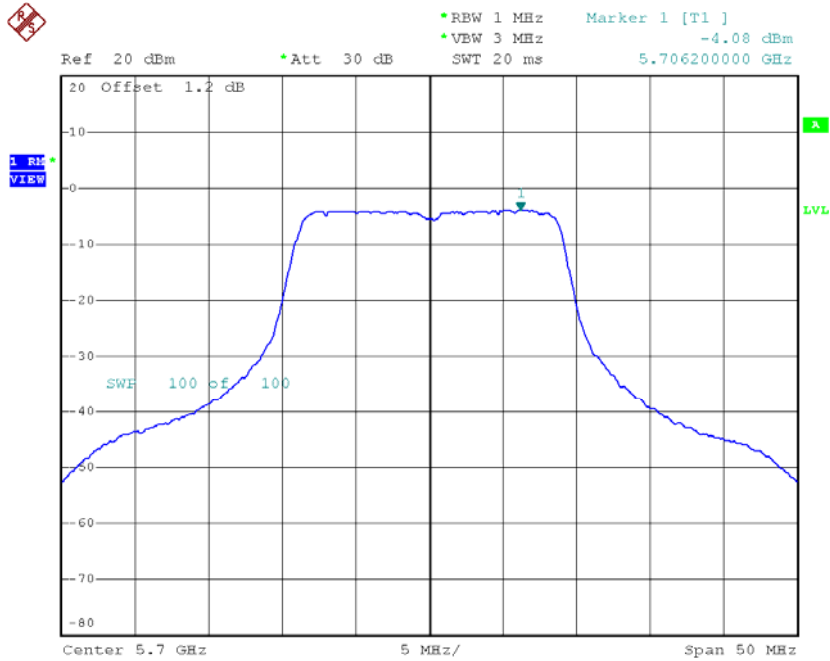
Date: 25.JUN.2016 15:31:09

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_Total

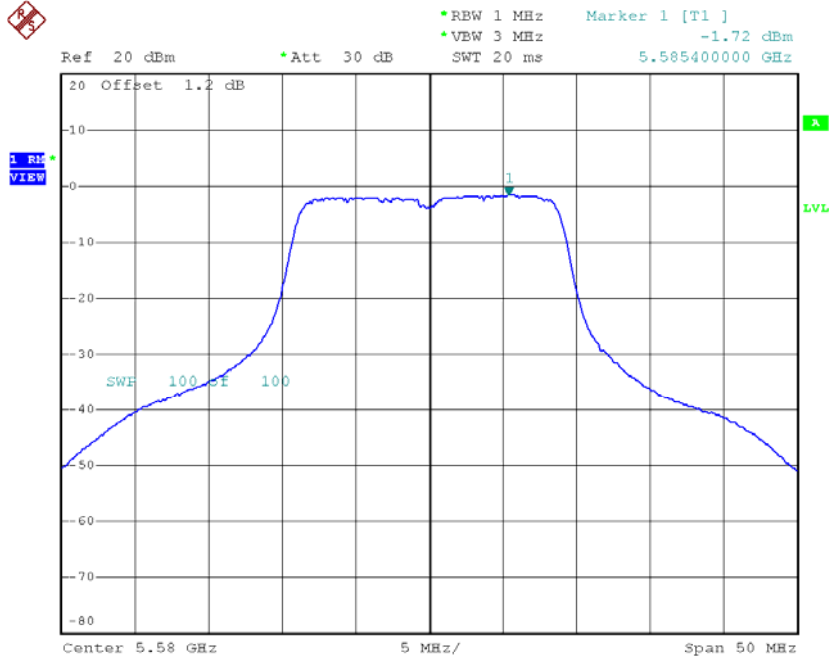| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	1.23	9.79
CH116	5580	0.89	9.79
CH140	5700	-0.57	9.79

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134_Ant 1

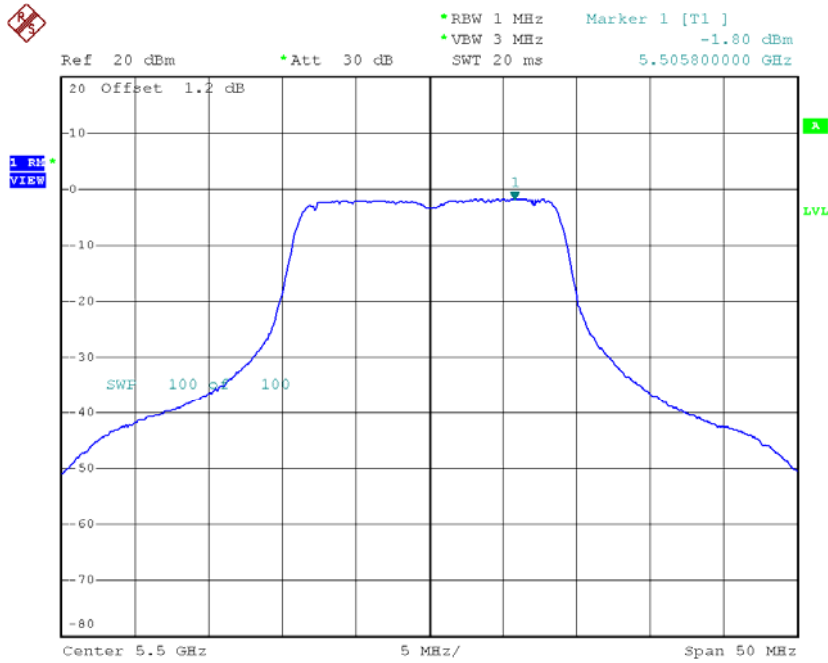| Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH102	5510	-4.43	0.1	-4.33	9.79
CH110	5550	-4.46	0.1	-4.36	9.79
CH134	5670	-4.46	0.1	-4.36	9.79
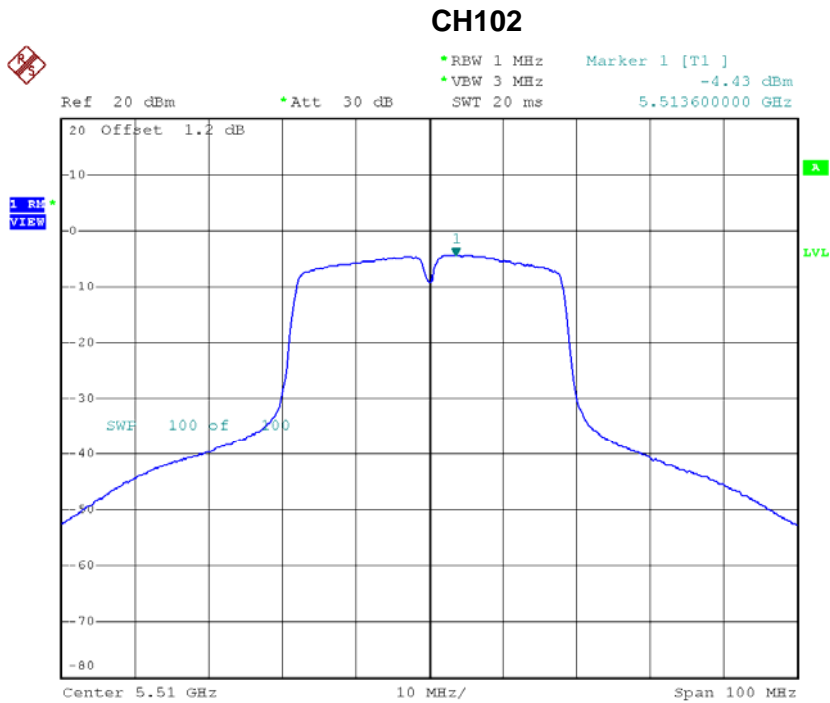
CH102

Date: 25.JUN.2016 13:49:08

CH110


```
                                    *RBW 1 MHz     Marker 1 [T1 ]
                                    *VBW 3 MHz                -4.46 dBm
            Ref  20 dBm    *Att  30 dB   SWT 20 ms    5.543400000 GHz
```
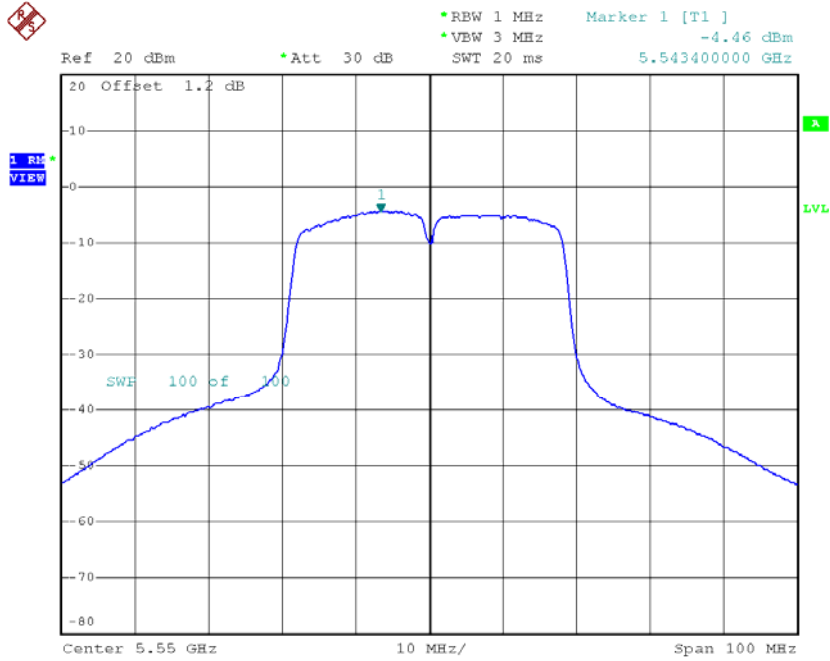
Date: 25.JUN.2016 13:58:18

CH134


```
                                    *RBW 1 MHz     Marker 1 [T1 ]
                                    *VBW 3 MHz                -4.46 dBm
            Ref  20 dBm    *Att  30 dB   SWT 20 ms    5.662800000 GHz
```
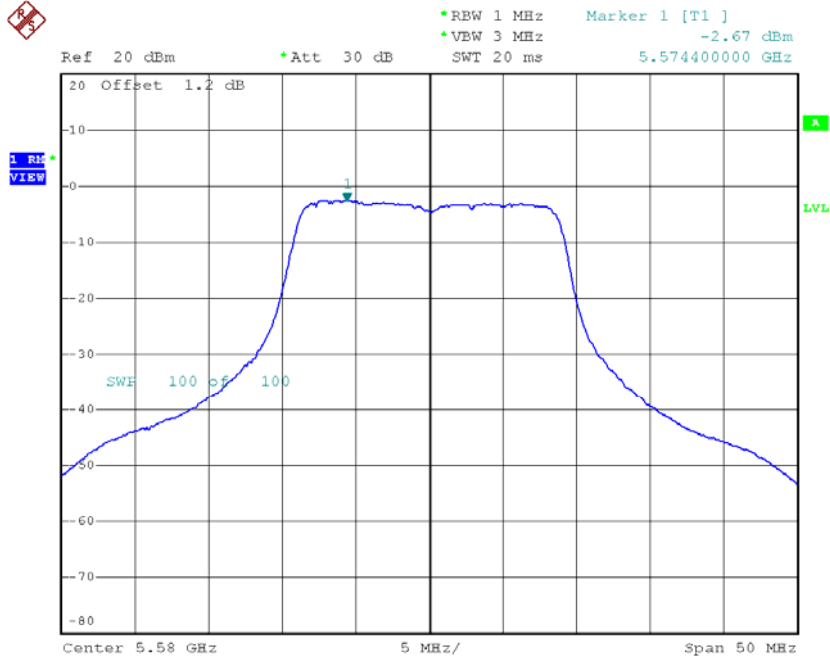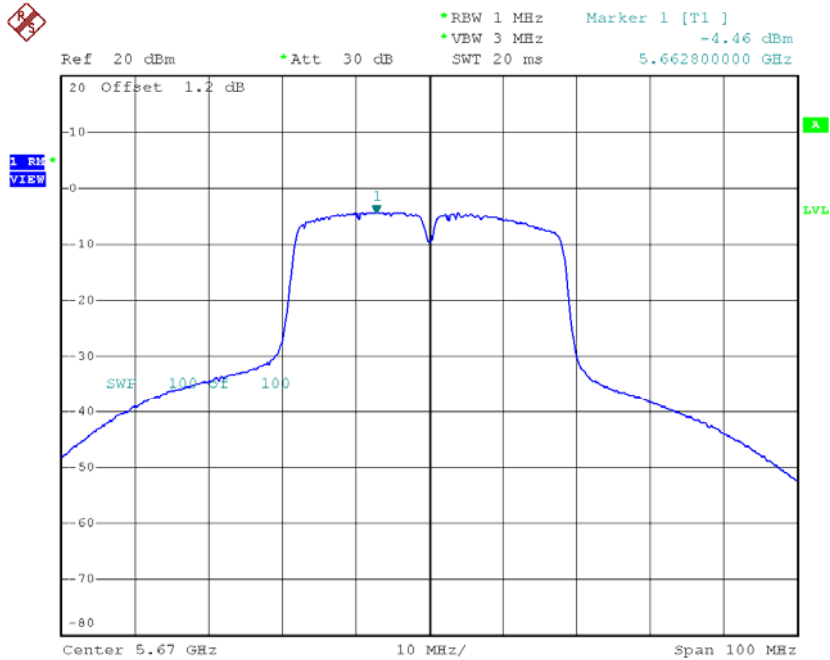
Date: 25.JUN.2016 13:59:39

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134_Ant 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH102	5510	-4.53	0.1	-4.43	9.79
CH110	5550	-5.14	0.1	-5.04	9.79
CH134	5670	-6.24	0.1	-6.14	9.79

CH102

Date: 25.JUN.2016 15:33:10

CH110


```
                                        *RBW 1 MHz    Marker 1 [T1 ]
                                        *VBW 3 MHz                -5.14 dBm
        Ref  20 dBm        *Att  30 dB   SWT 20 ms     5.545000000 GHz
        20 Offset  1.2 dB
```
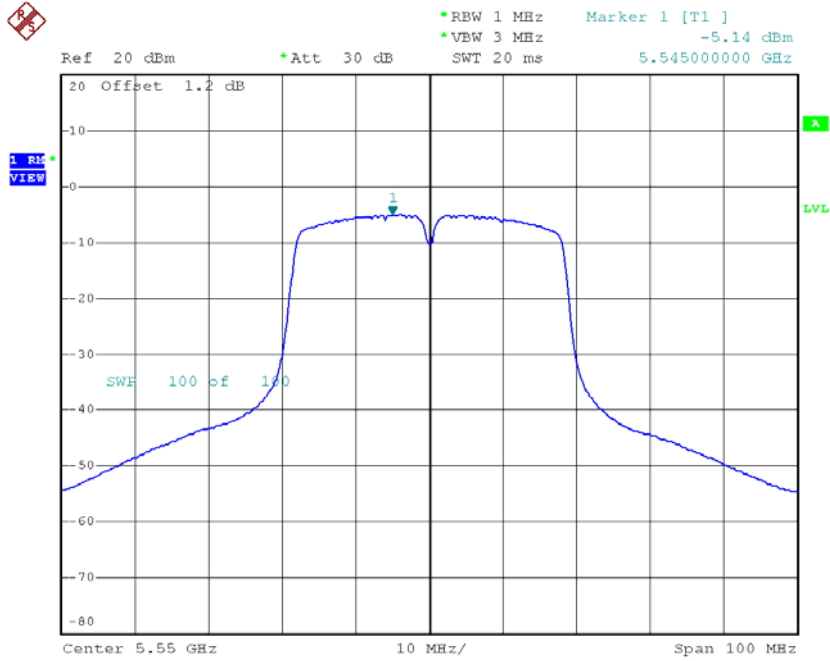
Date: 25.JUN.2016 15:35:22

CH134


```
                                        *RBW 1 MHz    Marker 1 [T1 ]
                                        *VBW 3 MHz                -6.24 dBm
        Ref  20 dBm        *Att  30 dB   SWT 20 ms     5.665200000 GHz
        20 Offset  1.2 dB
```
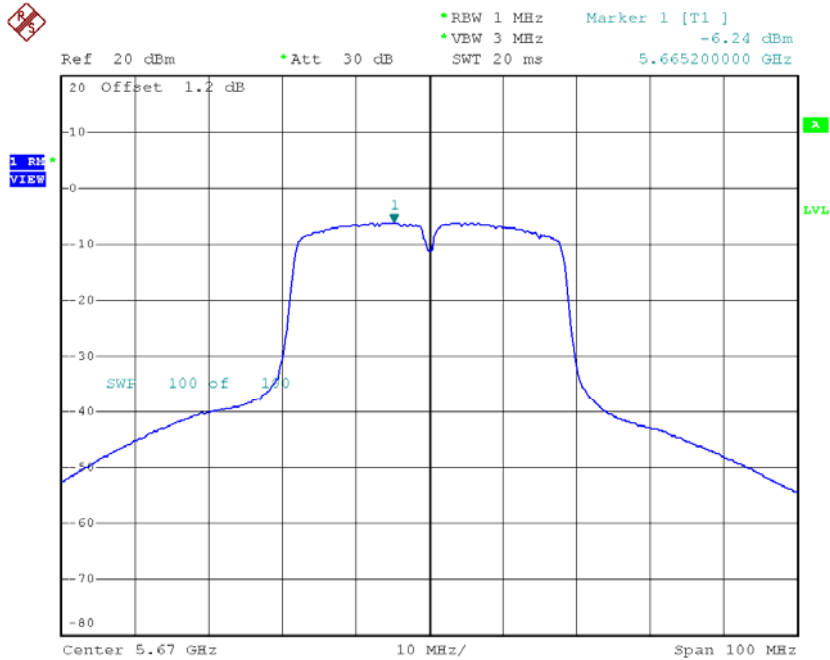
Date: 25.JUN.2016 15:36:34

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134_Total
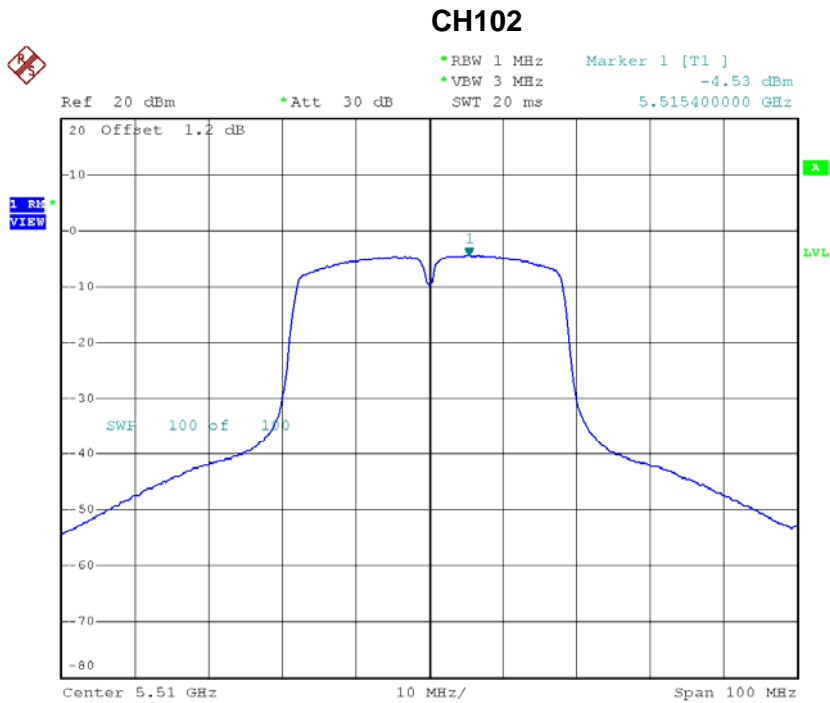
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH102	5510	-1.37	9.79
CH110	5550	-1.68	9.79
CH134	5670	-2.15	9.79

Test Mode: UNII-3/TX A Mode_CH149/CH157/CH161_Ant 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-1.33	0.05	-1.28	28.79
CH157	5785	-0.19	0.05	-0.14	28.79
CH161	5805	0.85	0.05	0.90	28.79

TX CH149
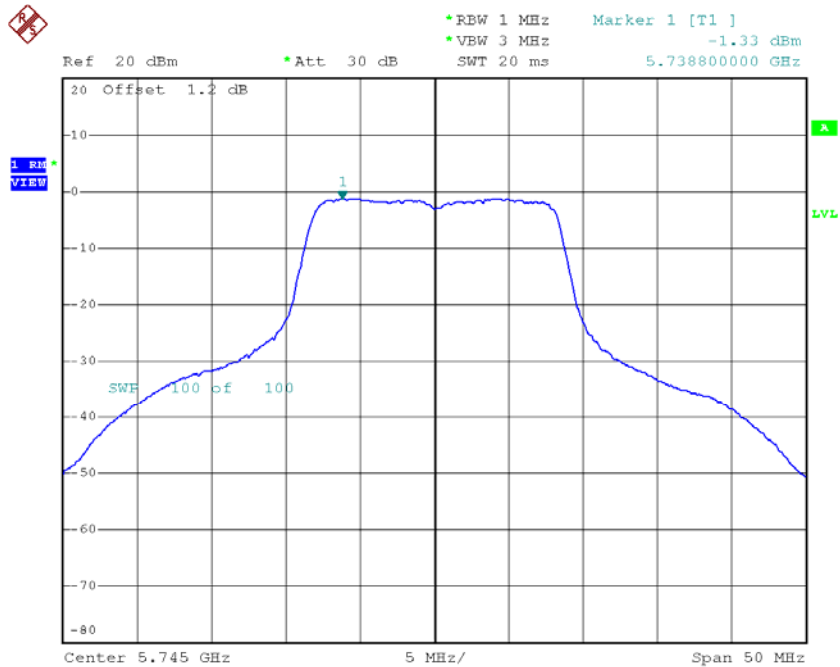
Date: 18.JUL.2016 20:04:06

TX CH157
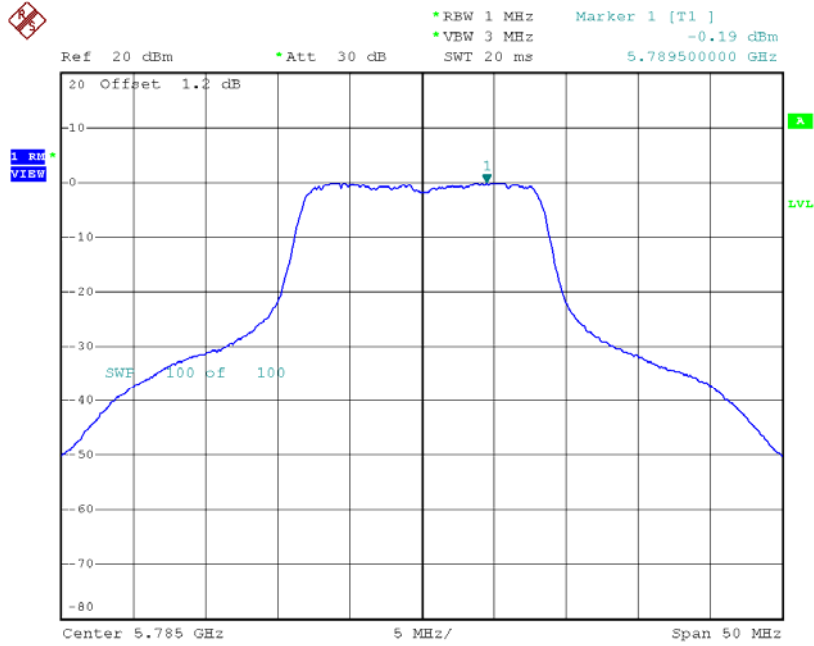
Date: 18.JUL.2016 20:05:03

TX CH161
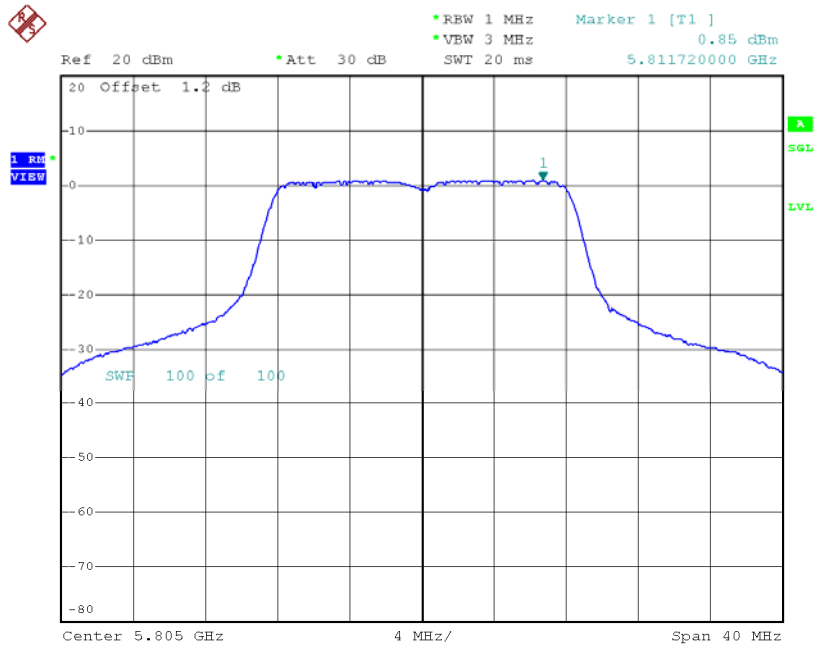
Date: 18.JUL.2016 20:15:27

Test Mode: UNII-3/TX A Mode_CH149/CH157/CH161_Ant 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-1.13	0.05	-1.08	28.79
CH157	5785	-1.11	0.05	-1.06	28.79
CH161	5805	-1.35	0.05	-1.30	28.79

TX CH149

Date: 18.JUL.2016 21:18:27

TX CH157


```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz              -1.11 dBm
         Ref  20 dBm        *Att  30 dB   SWT 20 ms       5.778520000 GHz
```

Date: 18.JUL.2016 21:19:01

TX CH161


```
                                          *RBW 1 MHz    Marker 1 [T1 ]
                                          *VBW 3 MHz              -1.35 dBm
         Ref  20 dBm        *Att  30 dB   SWT 20 ms       5.799000000 GHz
```

Date: 18.JUL.2016 21:20:51

Test Mode: UNII-3/TX A Mode_CH149/CH157/CH161_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	1.83	28.79
CH157	5785	2.43	28.79
CH161	5805	2.94	28.79

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH161_Ant 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-3.42	0.05	-3.37	28.79
CH157	5785	-2.58	0.05	-2.53	28.79
CH161	5805	-1.63	0.05	-1.58	28.79

TX CH149

Date: 18.JUL.2016 20:45:42

TX CH157
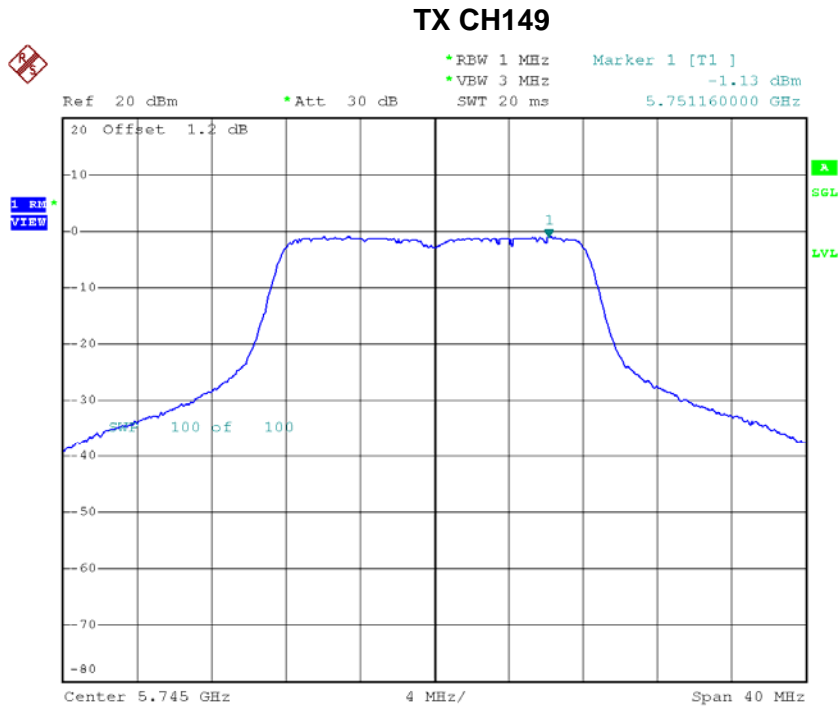

Date: 18.JUL.2016 20:59:27
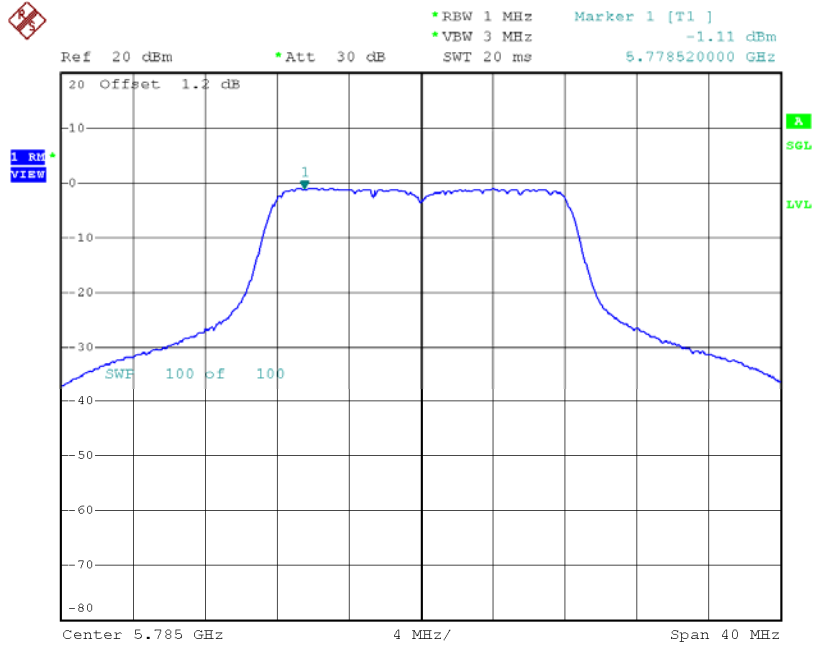
TX CH161
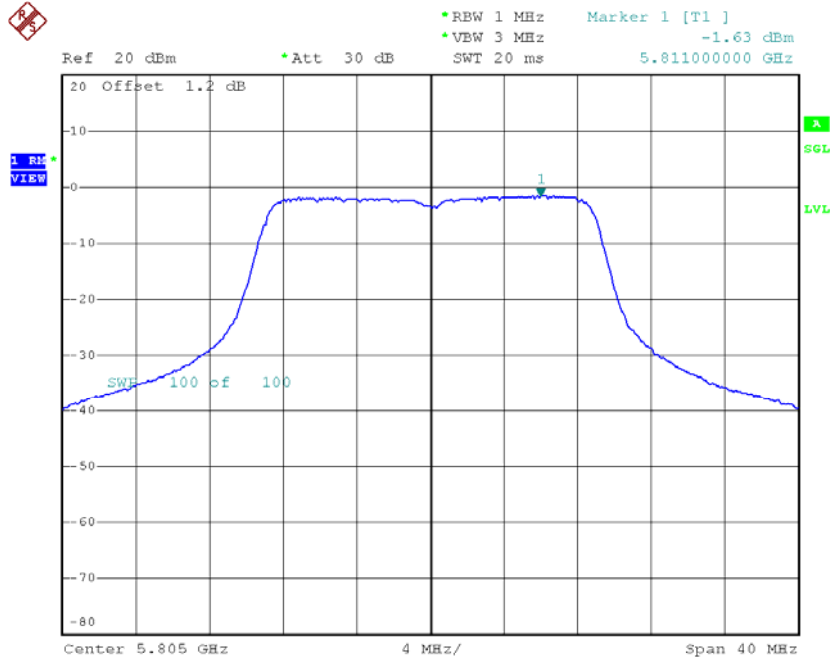
Date: 18.JUL.2016 21:00:04

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH161_Ant 2

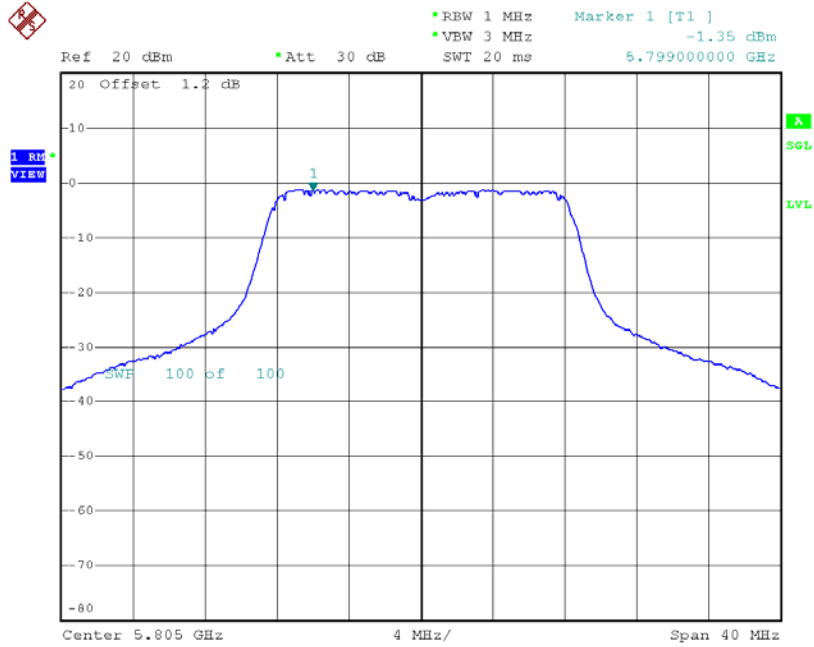| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-3.69	0.05	-3.64	28.79
CH157	5785	-3.73	0.05	-3.68	28.79
CH161	5805	-3.63	0.05	-3.58	28.79

TX CH149

Date: 18.JUL.2016 21:21:37

TX CH157

Date: 18.JUL.2016 21:22:36

TX CH161
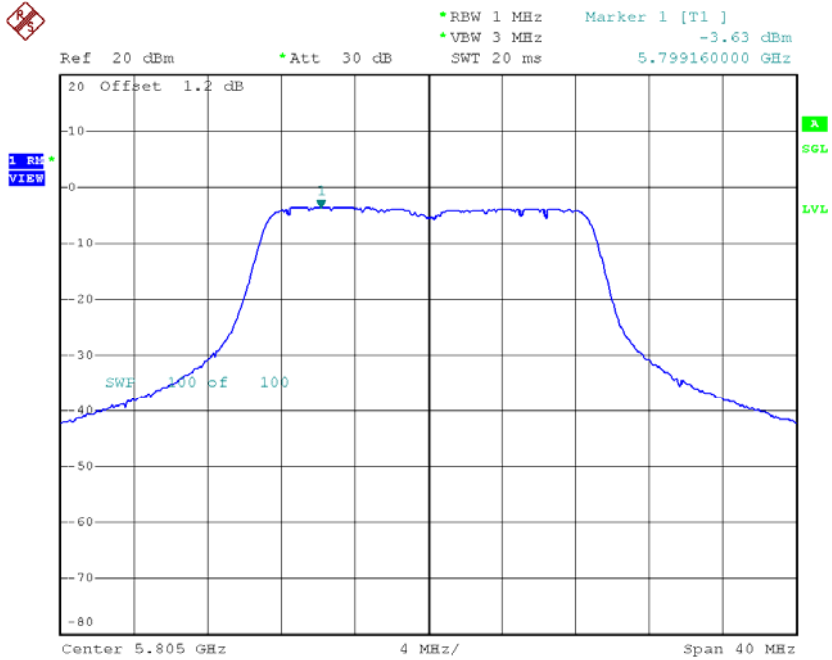
Date: 18.JUL.2016 21:23:08

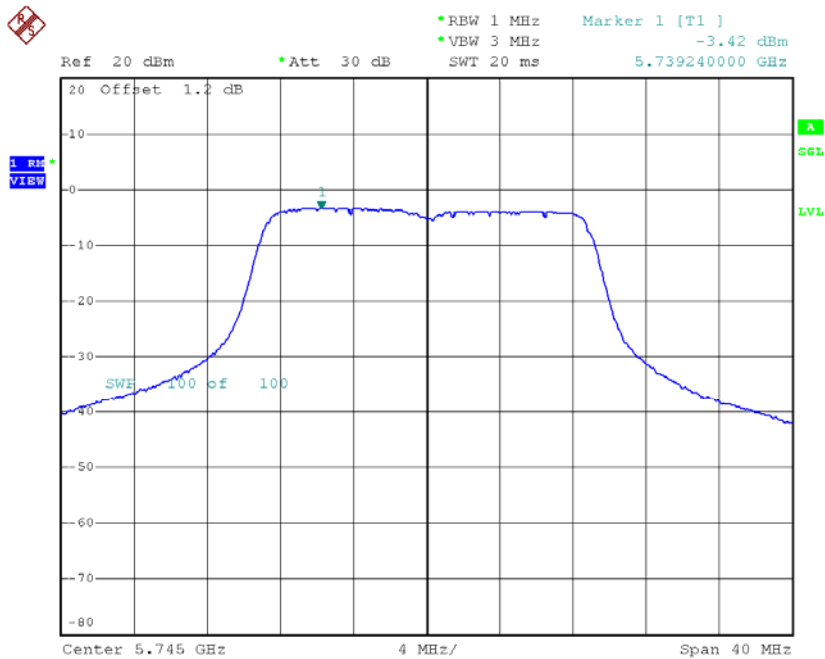**Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH161_Total**

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.49	28.79
CH157	5785	-0.05	28.79
CH161	5805	0.55	28.79

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Ant 1

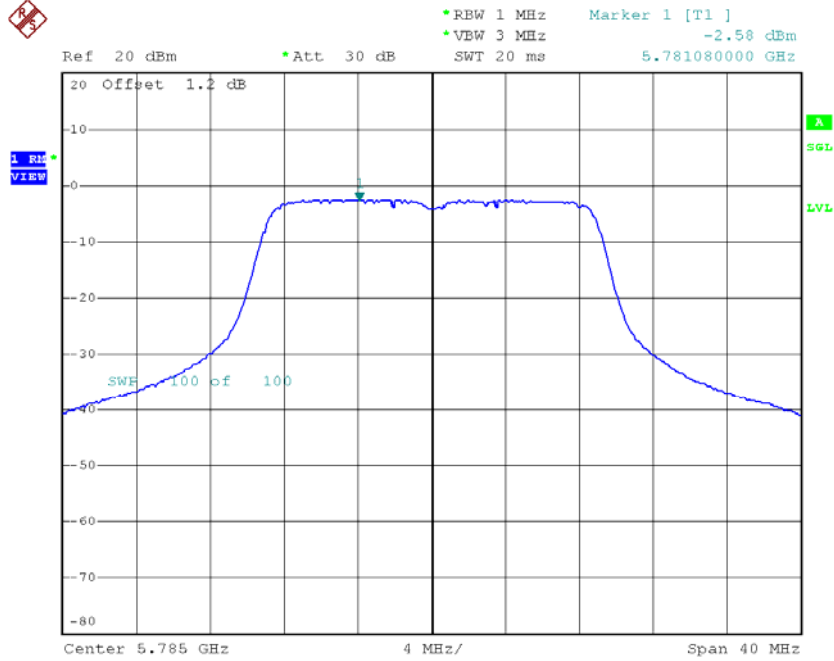| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-5.03	0.1	-4.93	28.79
CH159	5795	-4.17	0.1	-4.07	28.79

TX CH151


```
                                        *RBW  1 MHz    Marker 1 [T1 ]
                                        *VBW  3 MHz              -5.03 dBm
       Ref   20 dBm        *Att  30 dB   SWT  20 ms      5.759700000 GHz
       20 Offset  1.2 dB
       -10                                                              A
1 RM *                                                                  SGL
VIEW
        -0                                    1                         LVL
       -10
       -20
       -30
          SWP   100 of   100
       -40
       -50
       -60
       -70
       -80
       Center 5.755 GHz              5 MHz/              Span 50 MHz
```
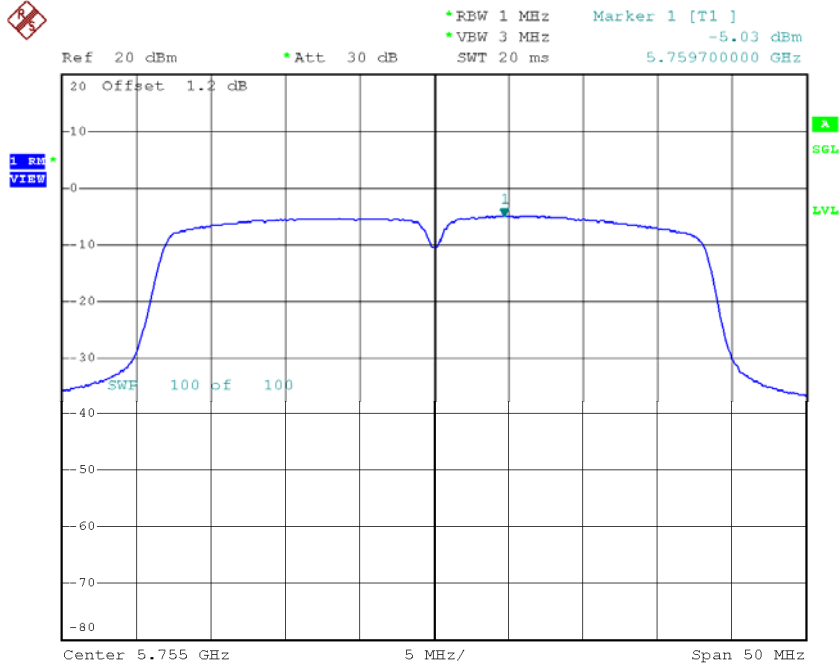
Date: 18.JUL.2016 21:03:29

TX CH159


```
                                        *RBW  1 MHz    Marker 1 [T1 ]
                                        *VBW  3 MHz              -4.17 dBm
       Ref   20 dBm        *Att  30 dB   SWT  20 ms      5.789500000 GHz
       20 Offset  1.2 dB
       -10                                                              A
1 RM *                                                                  SGL
VIEW
        -0                          1                                   LVL
       -10
       -20
       -30
          SWP   100 of   100
       -40
       -50
       -60
       -70
       -80
       Center 5.795 GHz              5 MHz/              Span 50 MHz
```
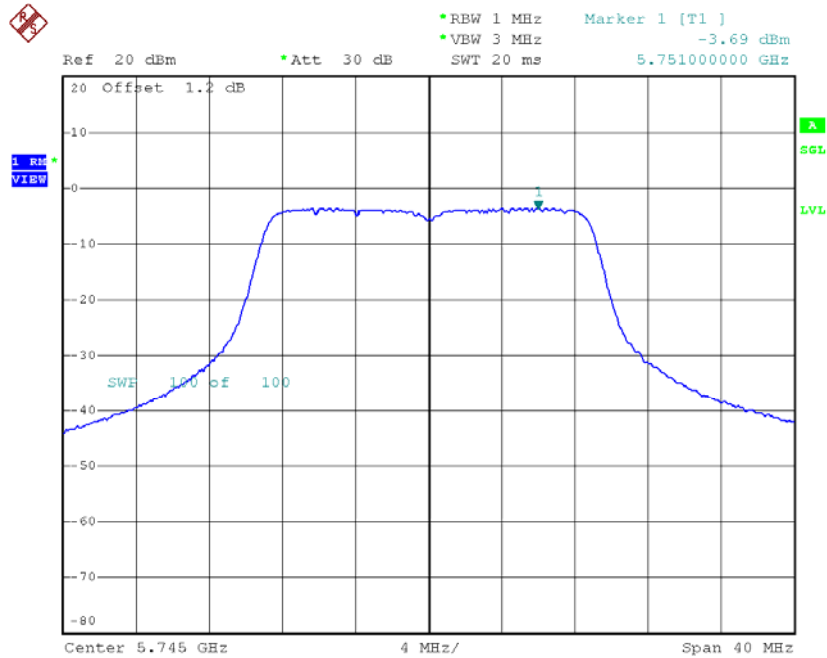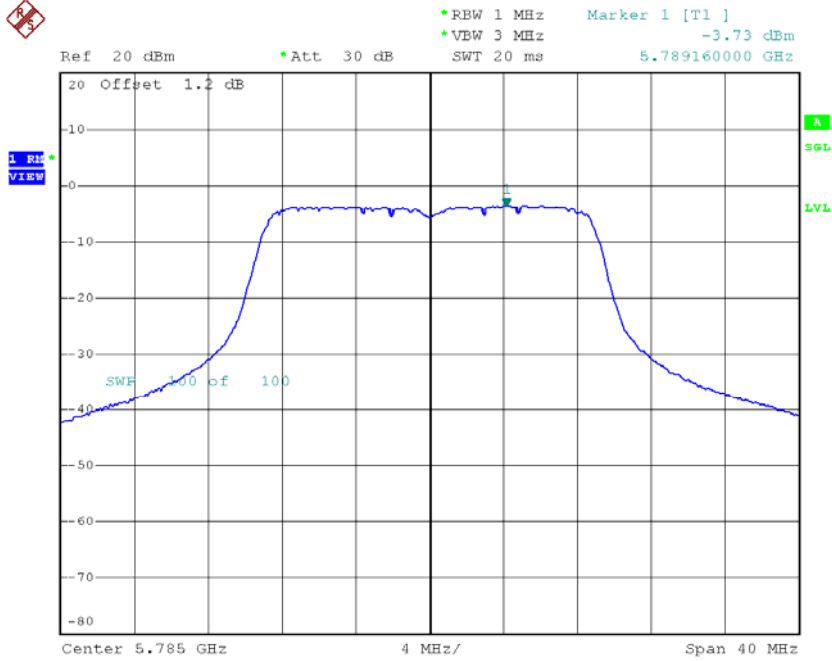
Date: 18.JUL.2016 21:01:45

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Ant 2

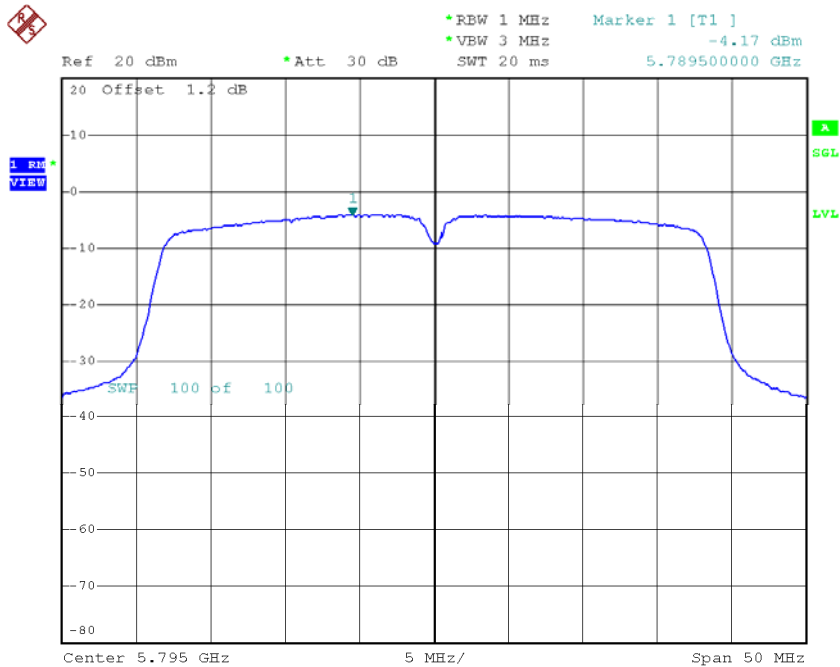| Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-5.02	0.1	-4.92	28.79
CH159	5795	-5.23	0.1	-5.13	28.79

TX CH151


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              -5.02 dBm
       Ref  20 dBm      *Att  30 dB  SWT 20 ms     5.759600000 GHz
       20 Offset  1.2 dB
```
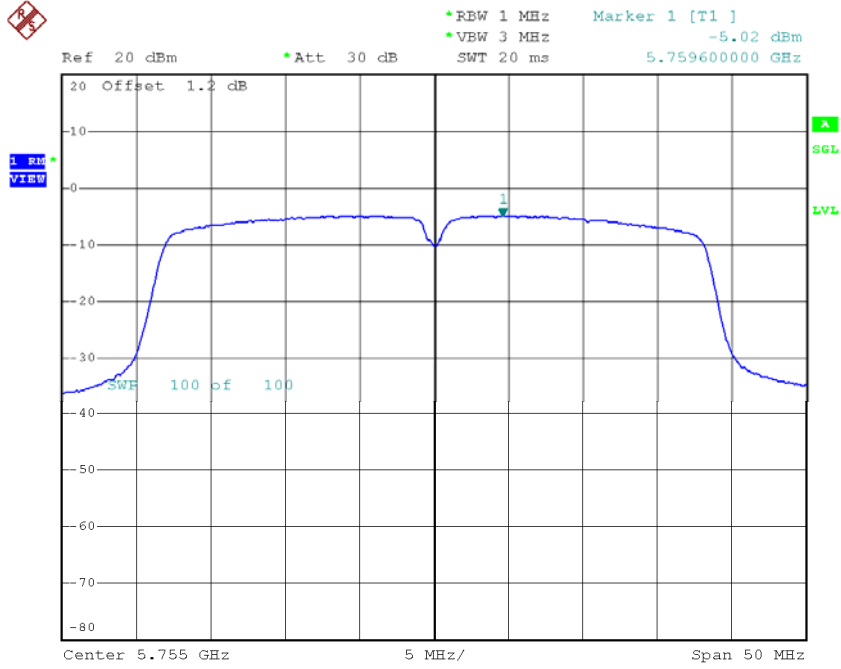
Date: 18.JUL.2016 21:23:44

TX CH159


```
                                    *RBW 1 MHz    Marker 1 [T1 ]
                                    *VBW 3 MHz              -5.23 dBm
       Ref  20 dBm      *Att  30 dB  SWT 20 ms     5.789400000 GHz
       20 Offset  1.2 dB
```

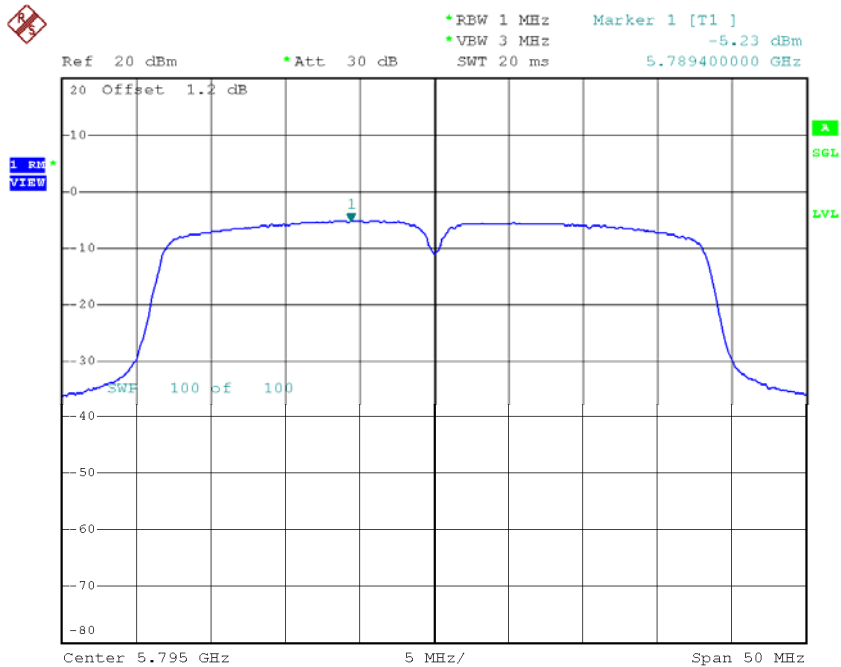Date: 18.JUL.2016 21:24:17

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

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-1.92	28.79
CH159	5795	-1.56	28.79

ATTACHMENT H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0268
120	5180.0316
108	5180.0360
Max. Deviation (MHz)	0.0360
Max. Deviation (ppm)	6.9498

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5180.0420
5	5180.0444
15	5180.0468
25	5180.0480
35	5180.0500
45	5180.0508
50	5180.0572
Max. Deviation (MHz)	0.0572
Max. Deviation (ppm)	11.0425

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
132	5260.0444
120	5260.0472
108	5260.0500
Max. Deviation (MHz)	0.0500
Max. Deviation (ppm)	9.5057

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5260.0000
-5	5260.0532
5	5260.0544
15	5260.0552
25	5260.0596
35	5260.0600
45	5260.0604
50	5260.0496
Max. Deviation (MHz)	0.0604
Max. Deviation (ppm)	11.4829

Test Mode:	UNII-2C

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
132	5500.0584
120	5500.0696
108	5500.0696
Max. Deviation (MHz)	0.0696
Max. Deviation (ppm)	12.6545

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5500.0000
-5	5500.0696
5	5500.0700
15	5500.0700
25	5500.0700
35	5500.0700
45	5500.0700
50	5500.0536
Max. Deviation (MHz)	0.0700
Max. Deviation (ppm)	12.7273

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0440
120	5745.0492
108	5745.0536
Max. Deviation (MHz)	0.0536
Max. Deviation (ppm)	9.3299

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5745.0596
5	5745.0620
15	5745.0640
25	5745.0656
35	5745.0672
45	5745.0688
50	5745.0572
Max. Deviation (MHz)	0.0688
Max. Deviation (ppm)	11.9756