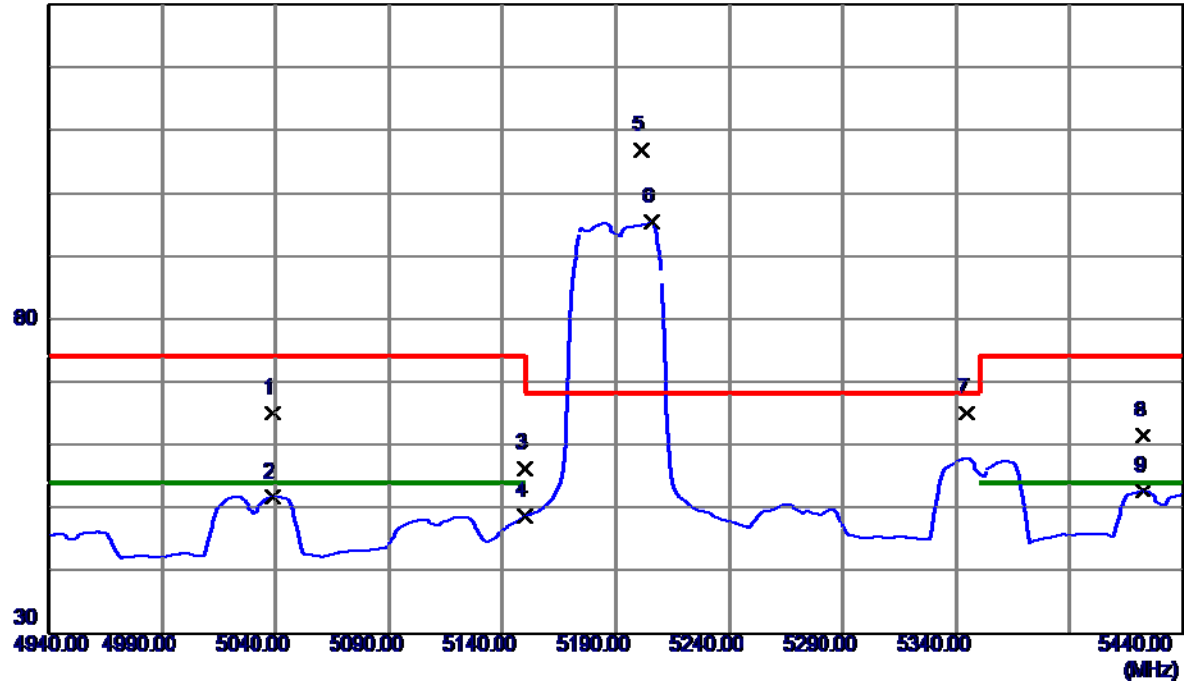


Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Vertical

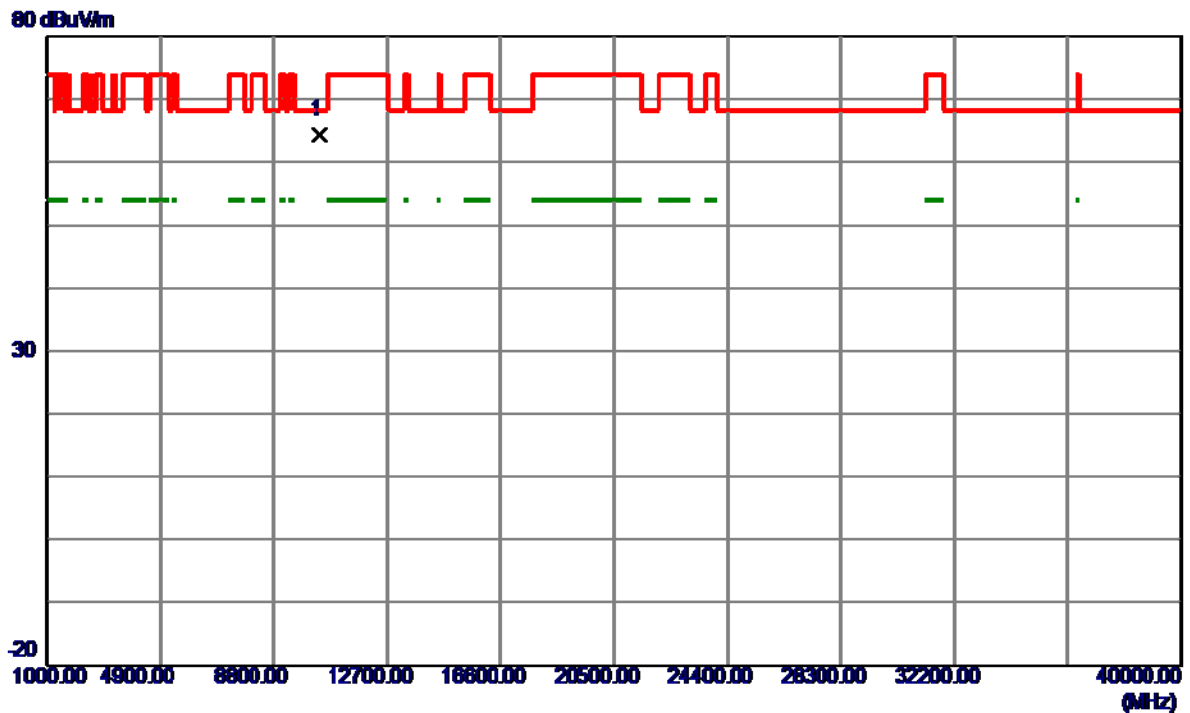
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5039.0000	24.55	40.54	65.09	74.00	-8.91	Peak	
2	5039.0000	11.10	40.54	51.64	54.00	-2.36	AVG	
3	5150.0000	15.17	41.10	56.27	74.00	-17.73	Peak	
4	5150.0000	7.55	41.10	48.65	54.00	-5.35	AVG	
5 *	5201.0000	65.39	41.36	106.75	68.30	38.45	Peak	No Limit
6	5205.5000	53.94	41.38	95.32	999.00	-903.68	AVG	No Limit
7	5344.5000	22.89	42.09	64.98	68.30	-3.32	Peak	
8	5422.0000	18.87	42.48	61.35	74.00	12.65	Peak	
9	5422.0000	10.03	42.48	52.51	54.00	-1.49	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Vertical

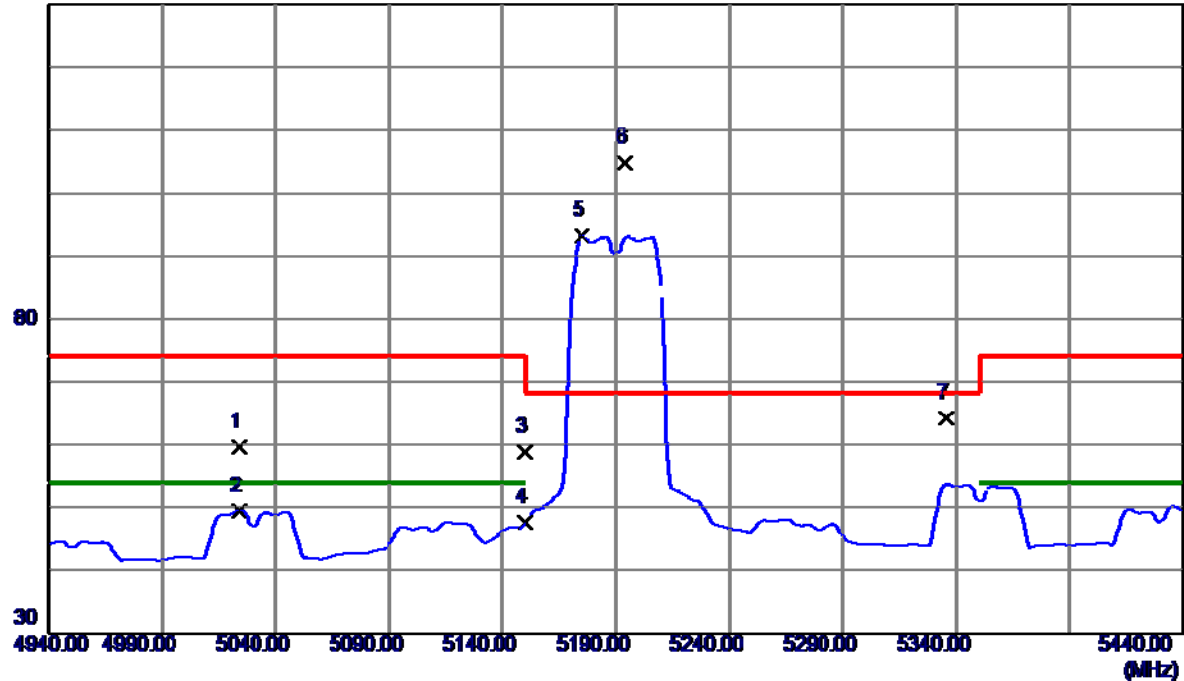


No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10380.3990	48.04	16.39	64.43	68.30	-3.87	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Horizontal

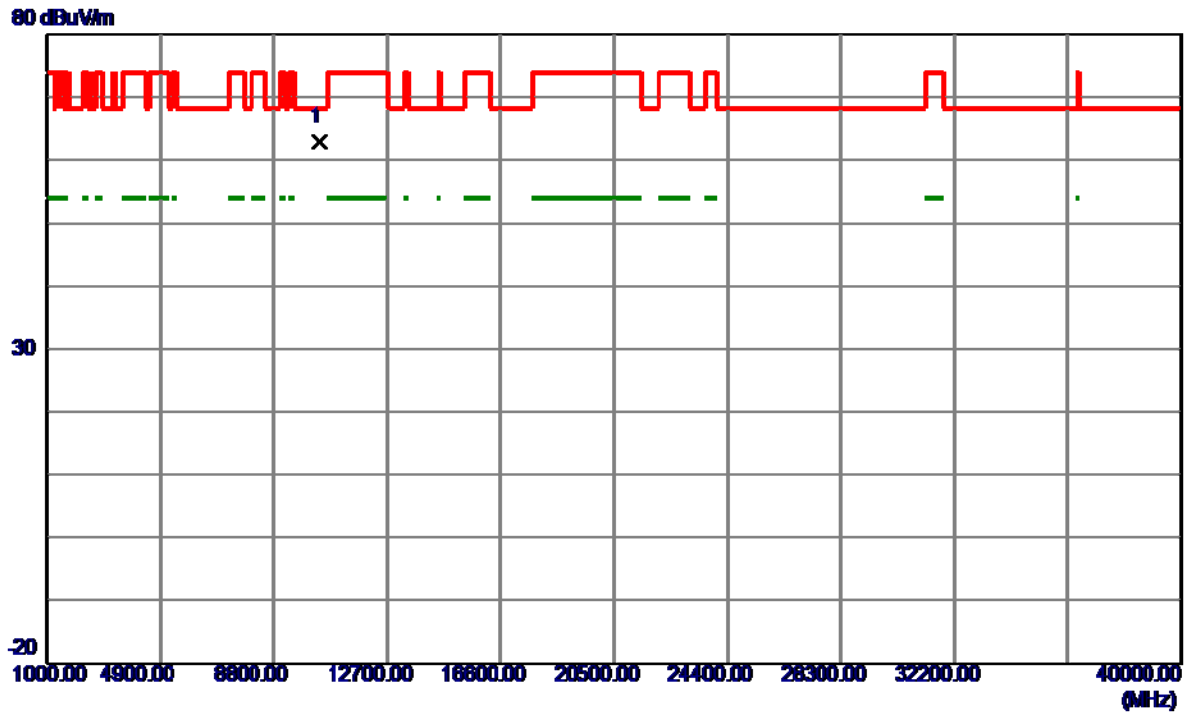
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5024.0000	19.14	40.46	59.60	74.00	-14.40	Peak	
2	5024.0000	9.02	40.46	49.48	54.00	-4.52	AVG	
3	5150.0000	17.70	41.10	58.80	74.00	-15.20	Peak	
4	5150.0000	6.53	41.10	47.63	54.00	-6.37	AVG	
5	5175.0000	52.05	41.23	93.28	999.00	-905.72	AVG	No Limit
6 *	5194.0000	63.44	41.33	104.77	68.30	36.47	Peak	No Limit
7	5335.5000	22.08	42.04	64.12	68.30	-4.18	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

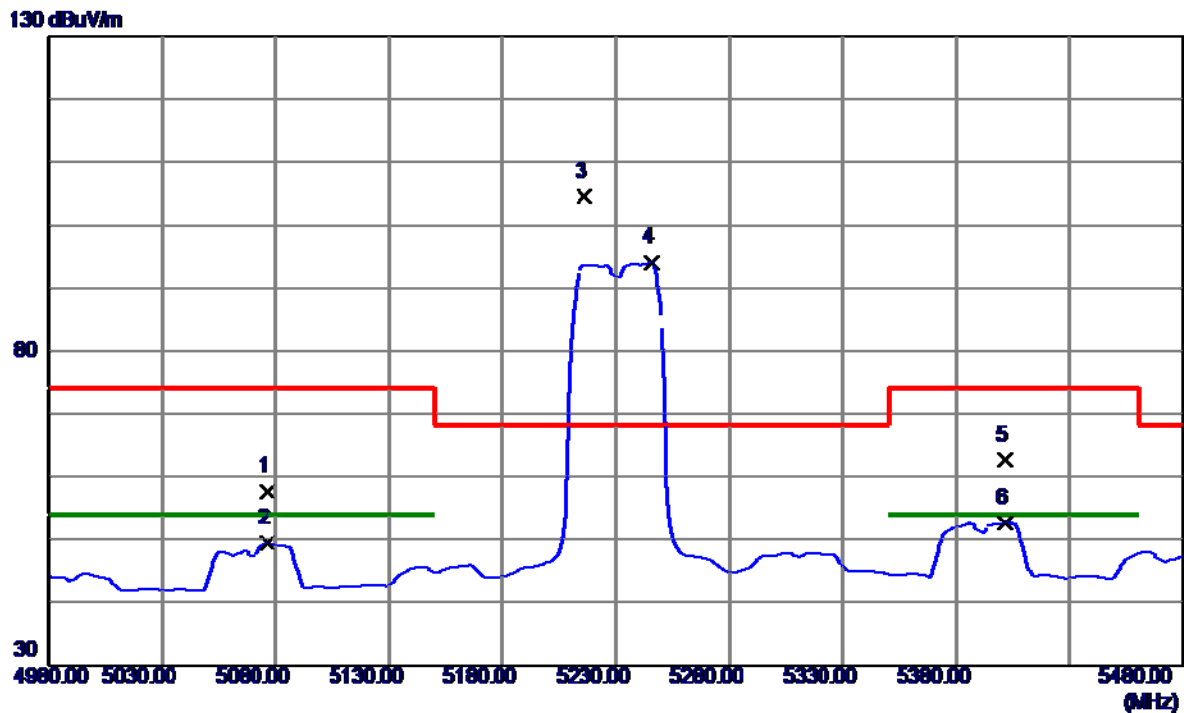
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10376.5000	46.66	16.38	63.04	68.30	-5.26	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

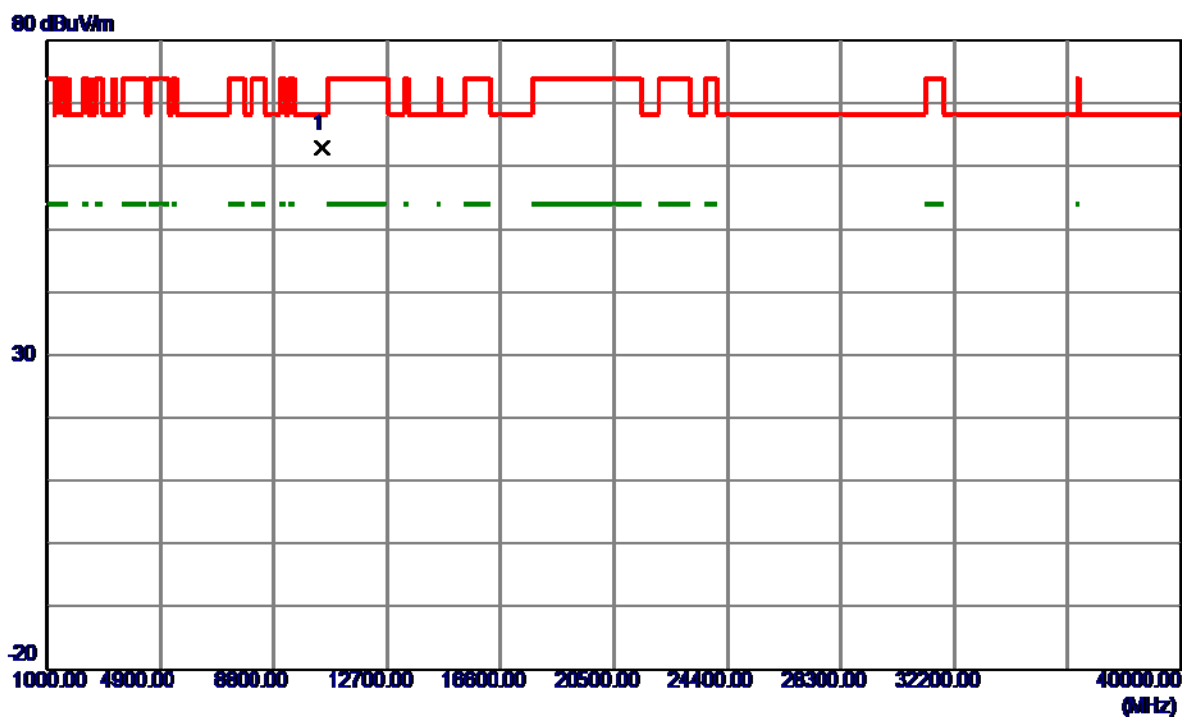
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5076.5000	16.91	40.73	57.64	74.00	-16.36	Peak	
2	5076.5000	8.58	40.73	49.31	54.00	-4.69	AVG	
3 *	5216.0000	63.06	41.44	104.50	68.30	36.20	Peak	No Limit
4	5245.5000	52.46	41.59	94.05	999.00	-904.95	AVG	No Limit
5	5401.5000	20.25	42.38	62.63	74.00	-11.37	Peak	
6	5401.5000	10.18	42.38	52.56	54.00	-1.44	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

Vertical

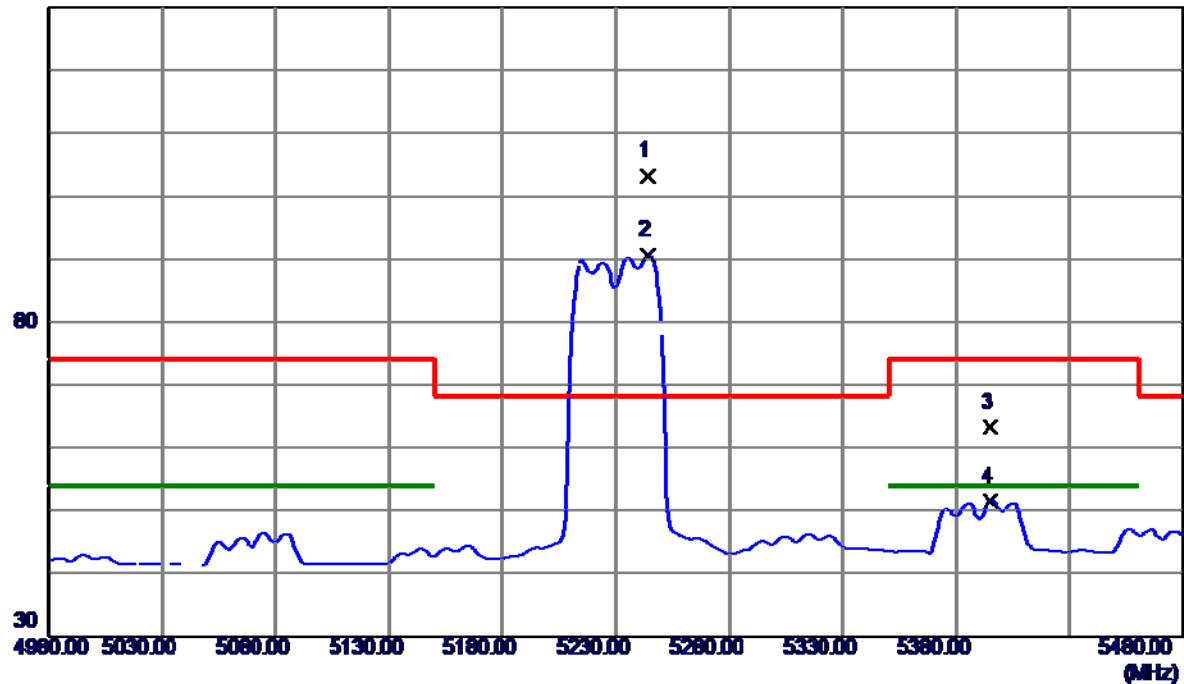


No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10460.9820	46.30	16.60	62.90	68.30	-5.40	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

Horizontal

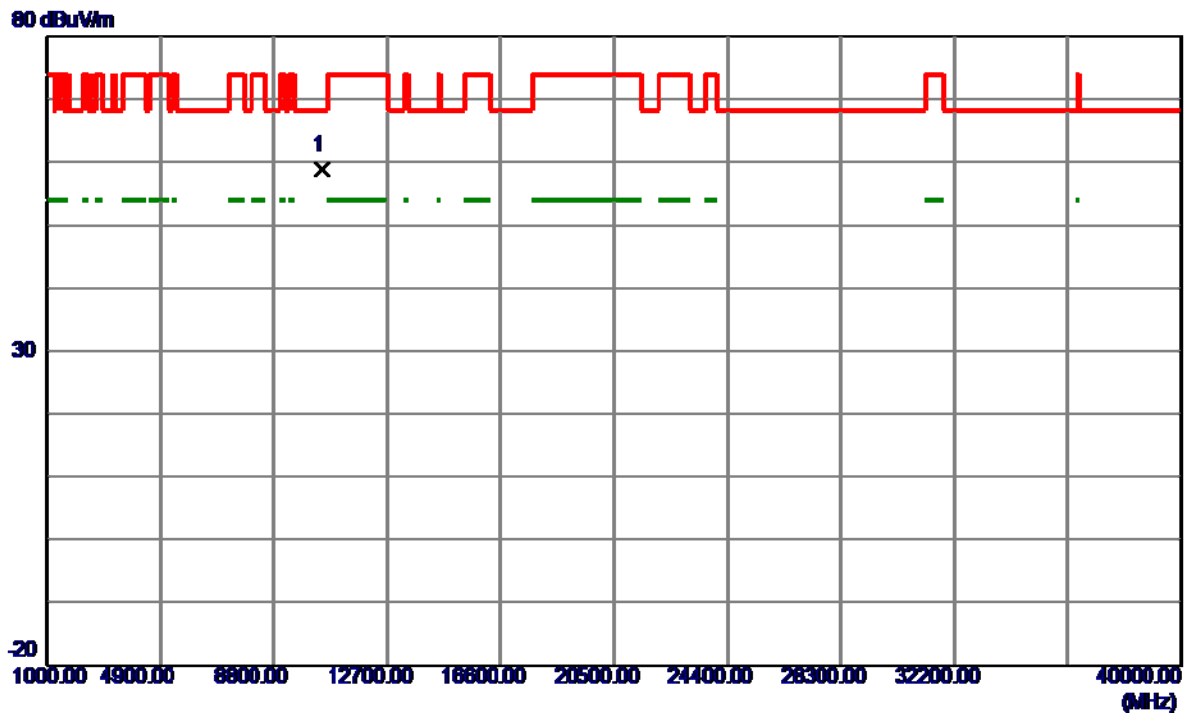
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5244.0000	61.69	41.58	103.27	68.30	34.97	Peak	No Limit
2	5244.0000	48.94	41.58	90.52	999.00	-908.48	AVG	No Limit
3	5395.0000	20.83	42.35	63.18	74.00	-10.82	Peak	
4	5395.0000	9.12	42.35	51.47	54.00	-2.53	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

Horizontal

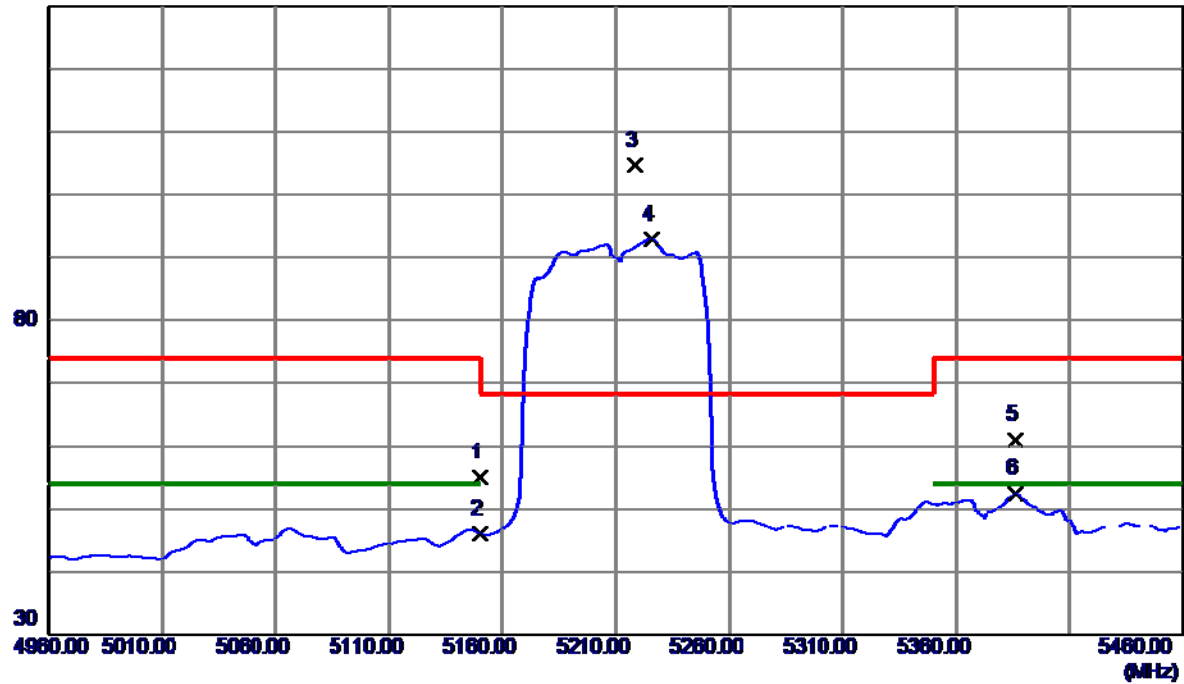


No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10451.0000	42.15	16.57	58.72	68.30	-9.58	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Vertical

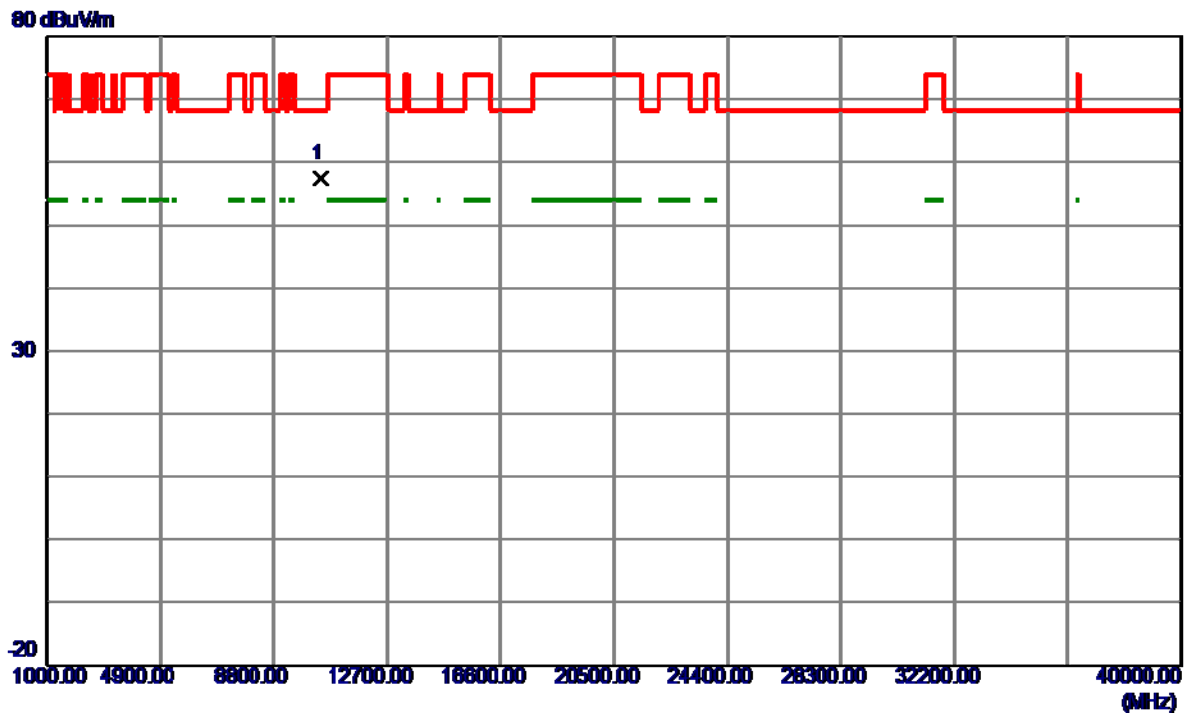
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	13.83	41.10	54.93	74.00	-19.07	Peak	
2	5150.0000	4.87	41.10	45.97	54.00	-8.03	AVG	
3 *	5218.5000	63.16	41.45	104.61	68.30	36.31	Peak	No Limit
4	5225.5000	51.32	41.49	92.81	999.00	-906.19	AVG	No Limit
5	5386.0000	18.62	42.30	60.92	74.00	-13.08	Peak	
6	5386.0000	10.05	42.30	52.35	54.00	-1.65	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Vertical

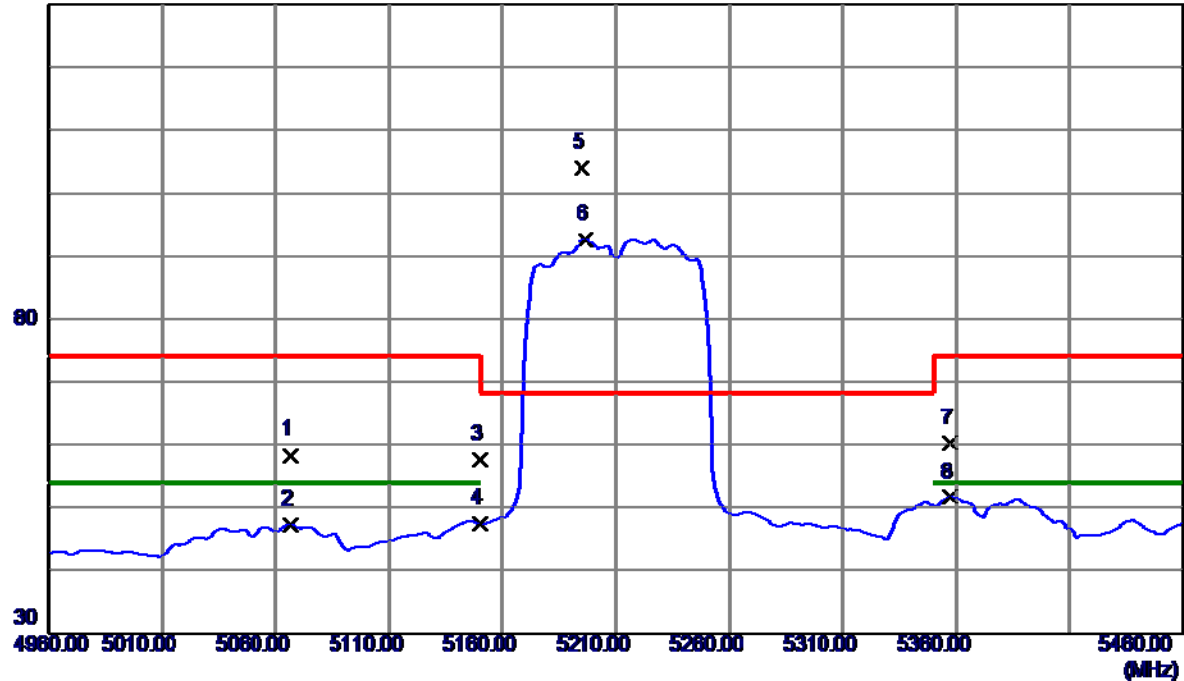


No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10417.7900	40.83	16.49	57.32	68.30	-10.98	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Horizontal

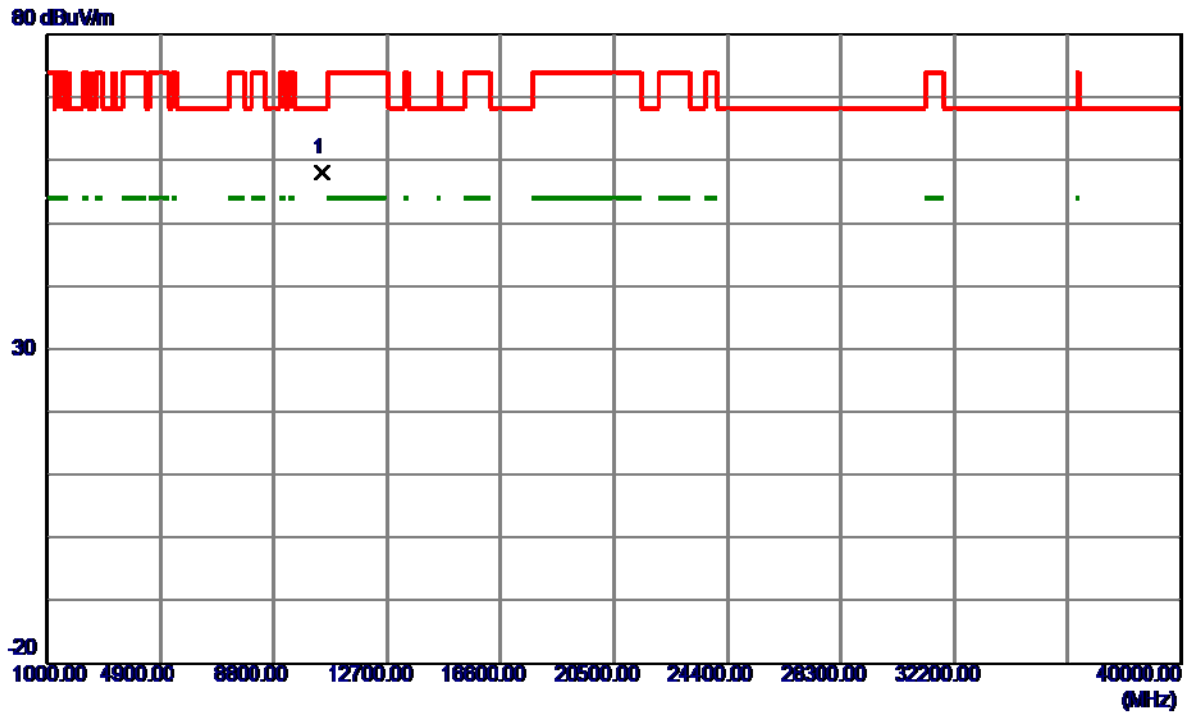
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5066.5000	17.62	40.68	58.30	74.00	-15.70	Peak	
2	5066.5000	6.61	40.68	47.29	54.00	-6.71	AVG	
3	5150.0000	16.54	41.10	57.64	74.00	-16.36	Peak	
4	5150.0000	6.21	41.10	47.31	54.00	-6.69	AVG	
5 *	5195.0000	62.69	41.33	104.02	68.30	35.72	Peak	No Limit
6	5196.5000	51.30	41.34	92.64	999.00	-906.36	AVG	No Limit
7	5357.0000	18.14	42.15	60.29	74.00	-13.71	Peak	
8	5357.0000	9.40	42.15	51.55	54.00	2.45	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

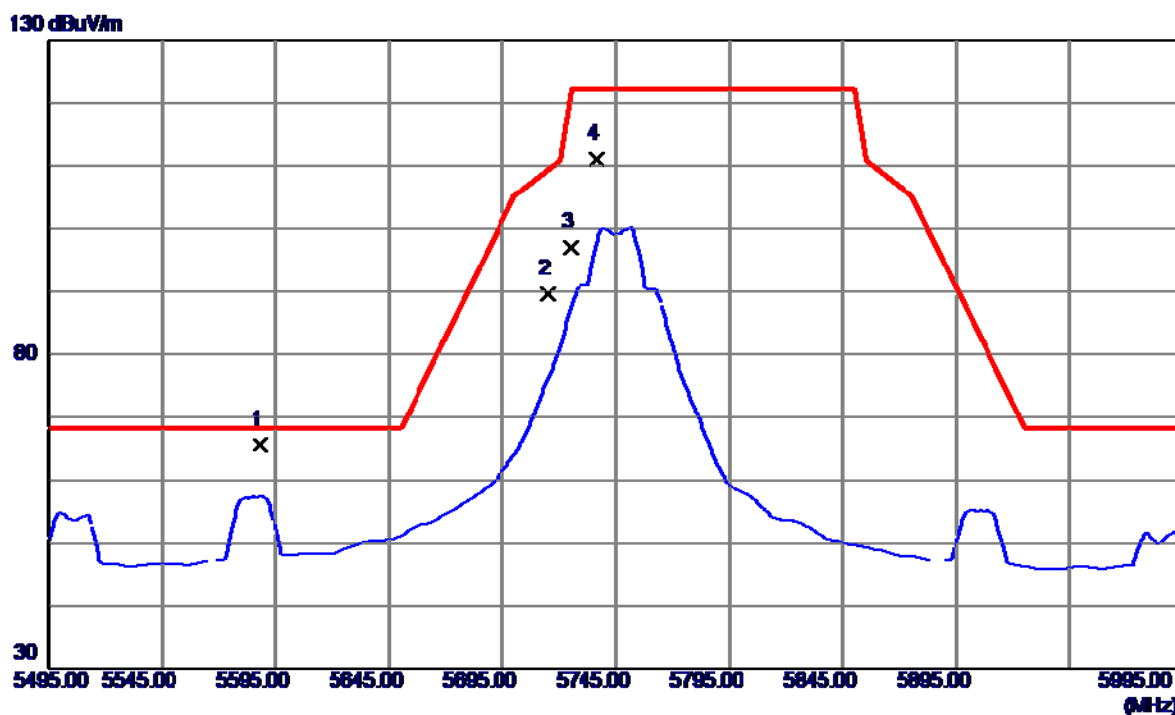
Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10435.5000	41.42	16.53	57.95	68.30	-10.35	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

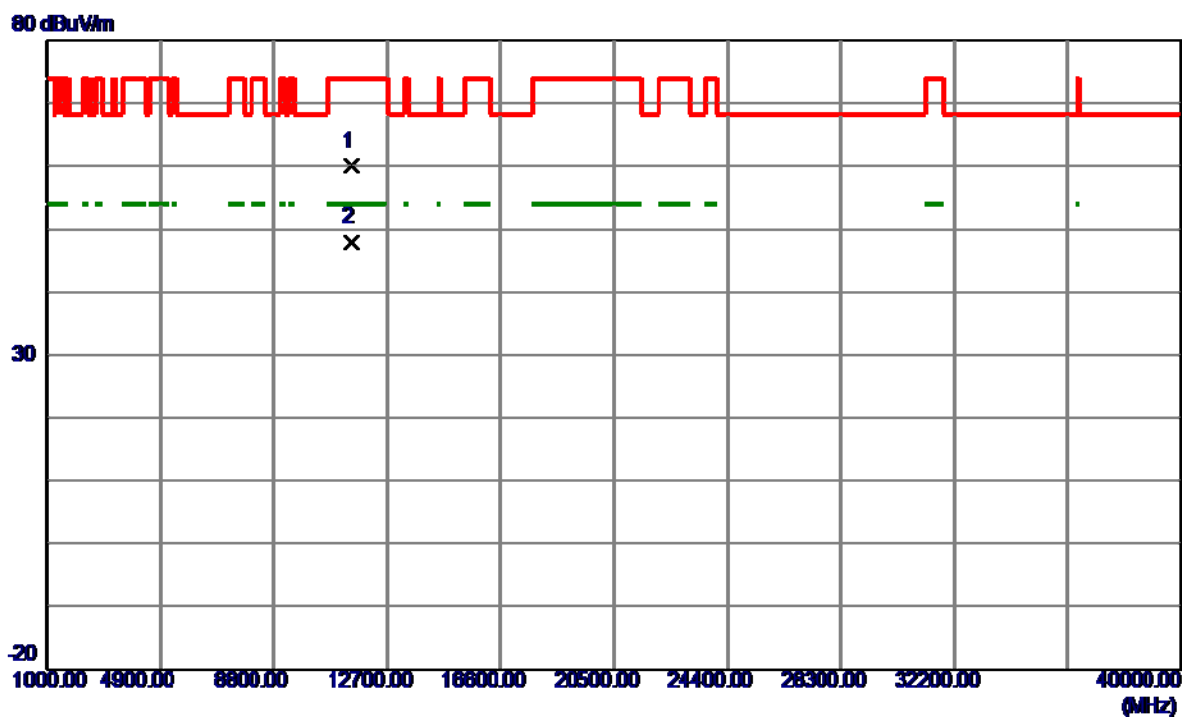
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5588.5000	22.53	43.15	65.68	68.20	-2.52	Peak	
2	5715.0000	46.15	43.53	89.68	109.40	-19.72	Peak	
3	5725.0000	53.40	43.56	96.96	122.20	-25.24	Peak	
4	5736.5000	67.45	43.59	111.04	122.20	-11.16	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

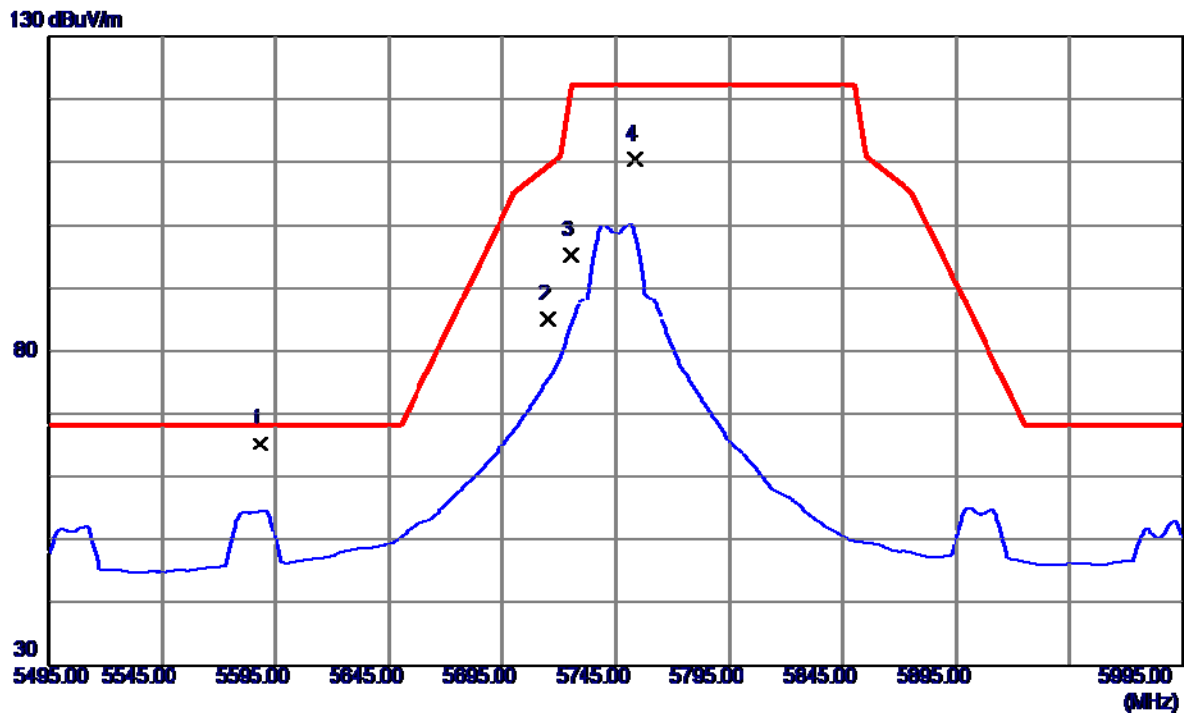
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11489.6800	42.22	17.75	59.97	74.00	-14.03	Peak	
2 *	11490.5300	30.15	17.75	47.90	54.00	-6.10	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

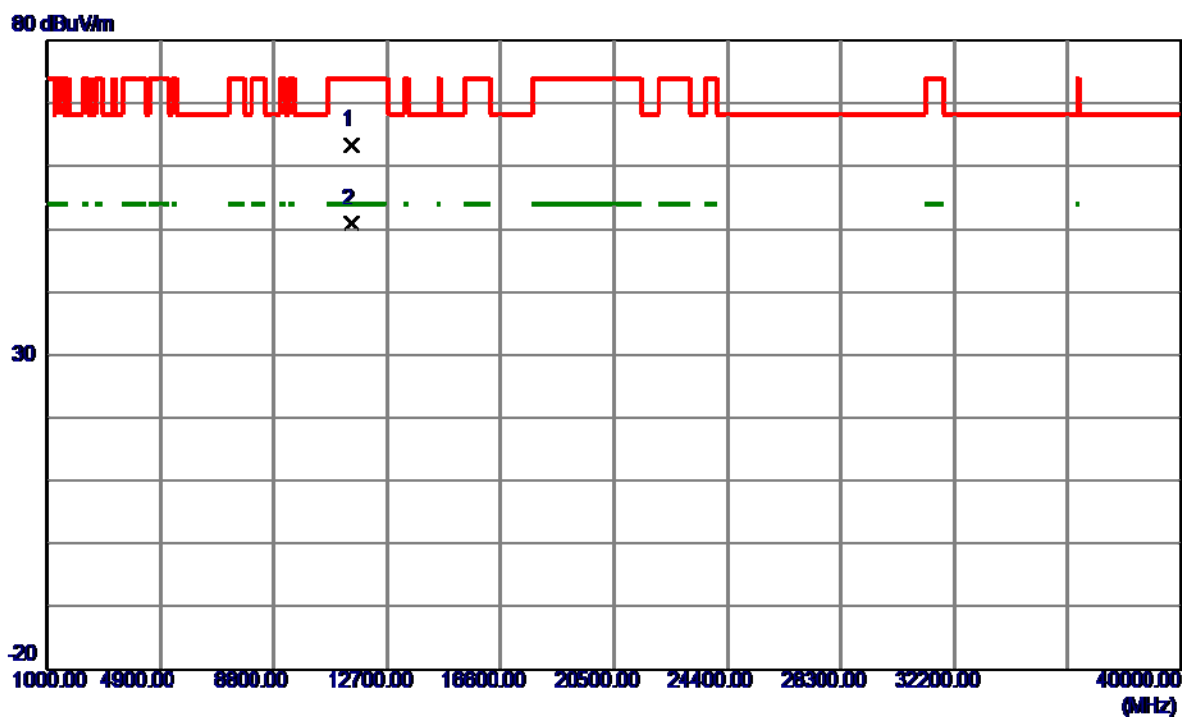
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5588.5000	22.11	43.15	65.26	68.20	-2.94	Peak	
2	5715.0000	41.55	43.53	85.08	109.40	-24.32	Peak	
3	5725.0000	51.55	43.56	95.11	122.20	-27.09	Peak	
4	5753.5000	66.68	43.65	110.33	122.20	-11.87	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

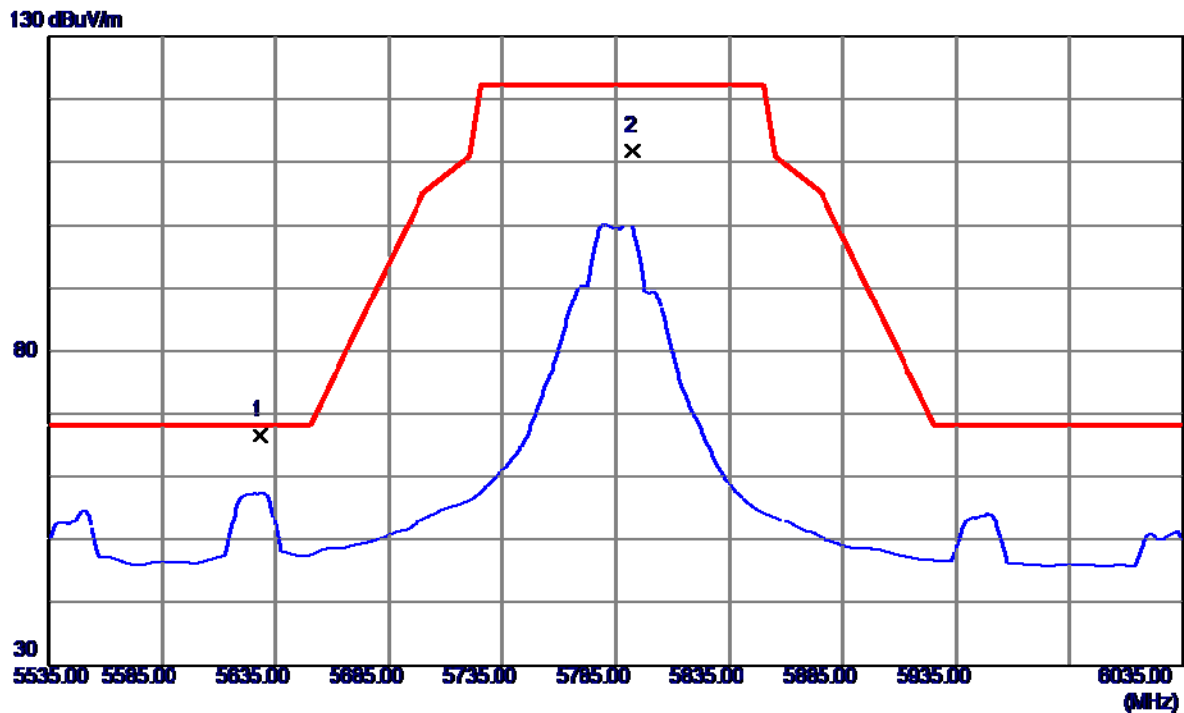
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11491.8000	45.57	17.76	63.33	74.00	-10.67	Peak	
2 *	11491.9500	33.14	17.76	50.90	54.00	-3.10	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

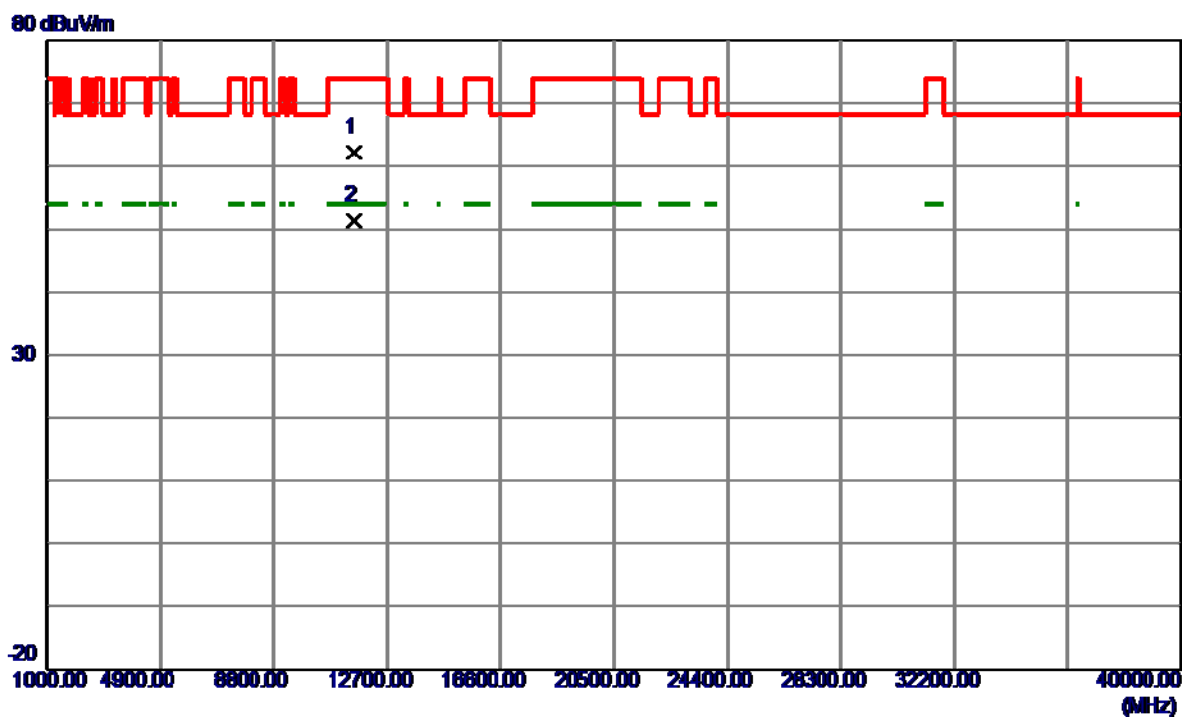
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5628.5000	23.25	43.27	66.52	68.20	-1.68	Peak	
2	5792.5000	68.11	43.76	111.87	122.20	-10.33	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

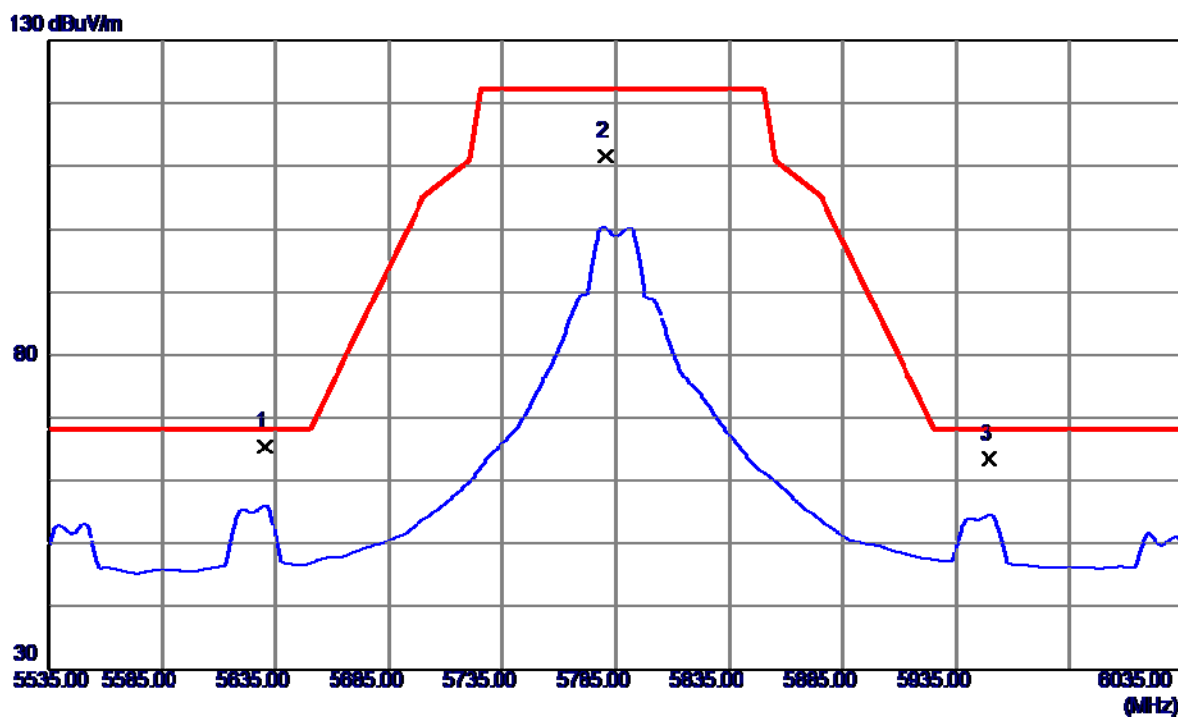
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11569.9300	44.33	17.82	62.15	74.00	-11.85	Peak	
2 *	11572.6700	33.51	17.82	51.33	54.00	-2.67	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

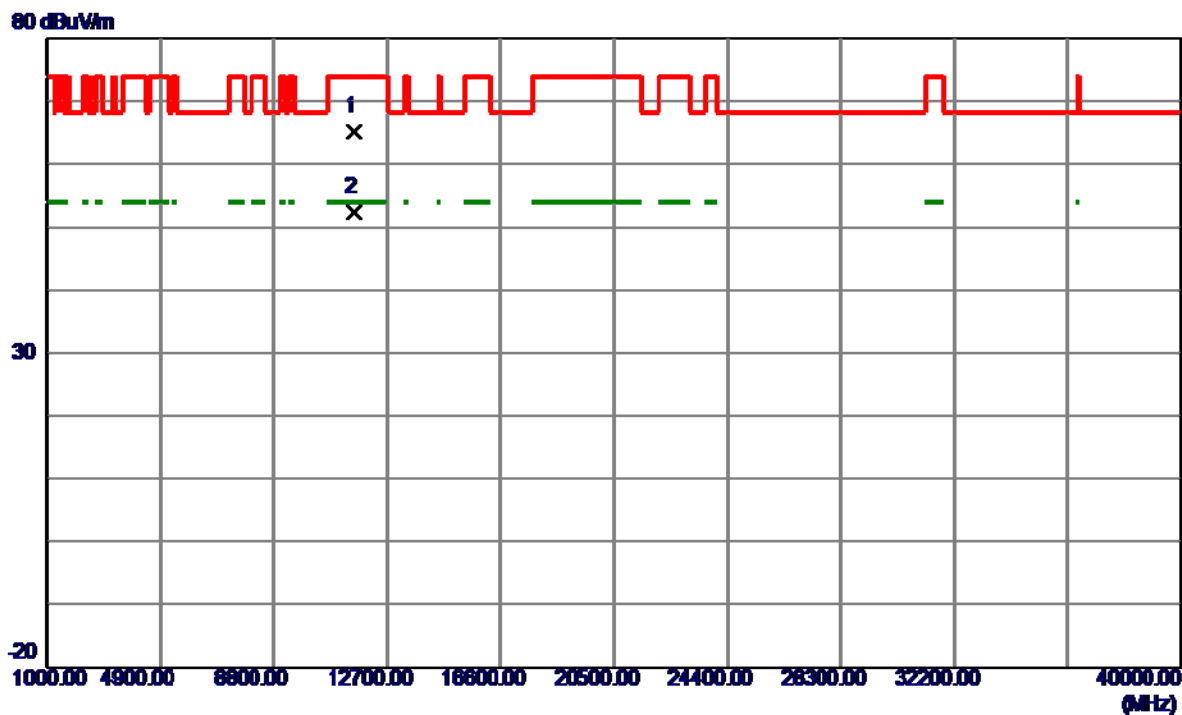
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5630.5000	22.16	43.27	65.43	68.20	-2.77	Peak	
2	5780.5000	67.83	43.73	111.56	122.20	-10.64	Peak	
3	5949.5000	19.24	44.24	63.48	68.20	-4.72	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

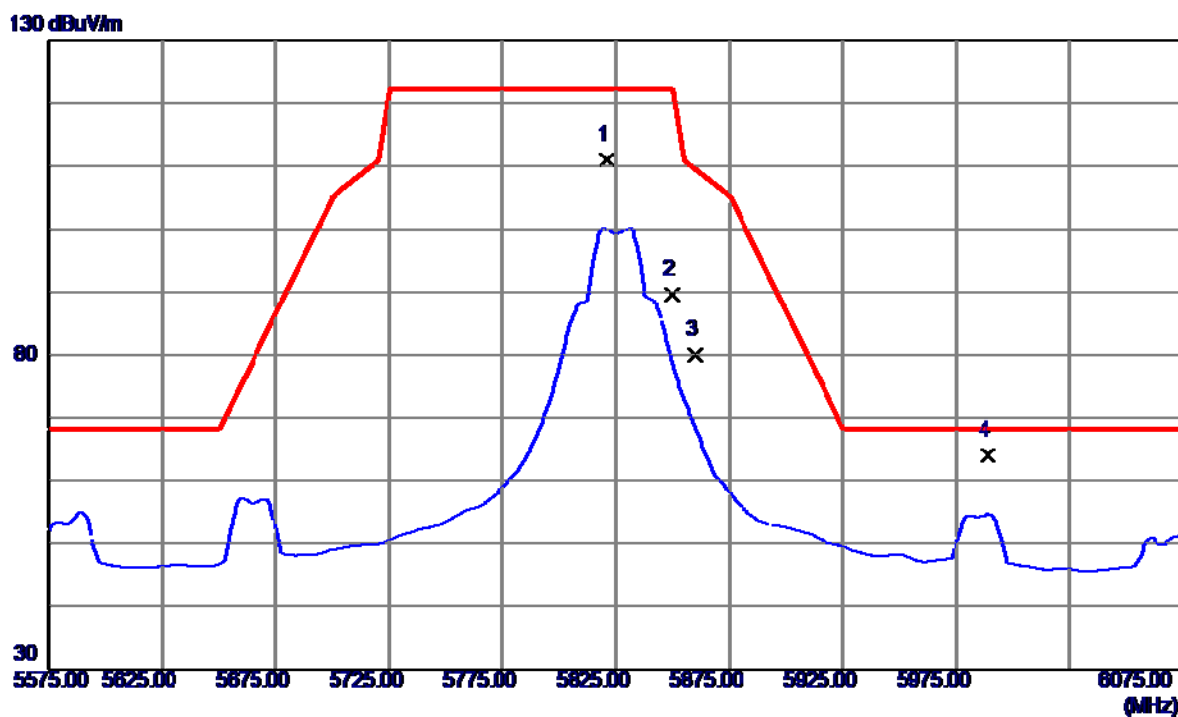
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11571.8000	47.44	17.82	65.26	74.00	-8.74	Peak	
2 *	11571.9000	34.60	17.82	52.42	54.00	-1.58	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

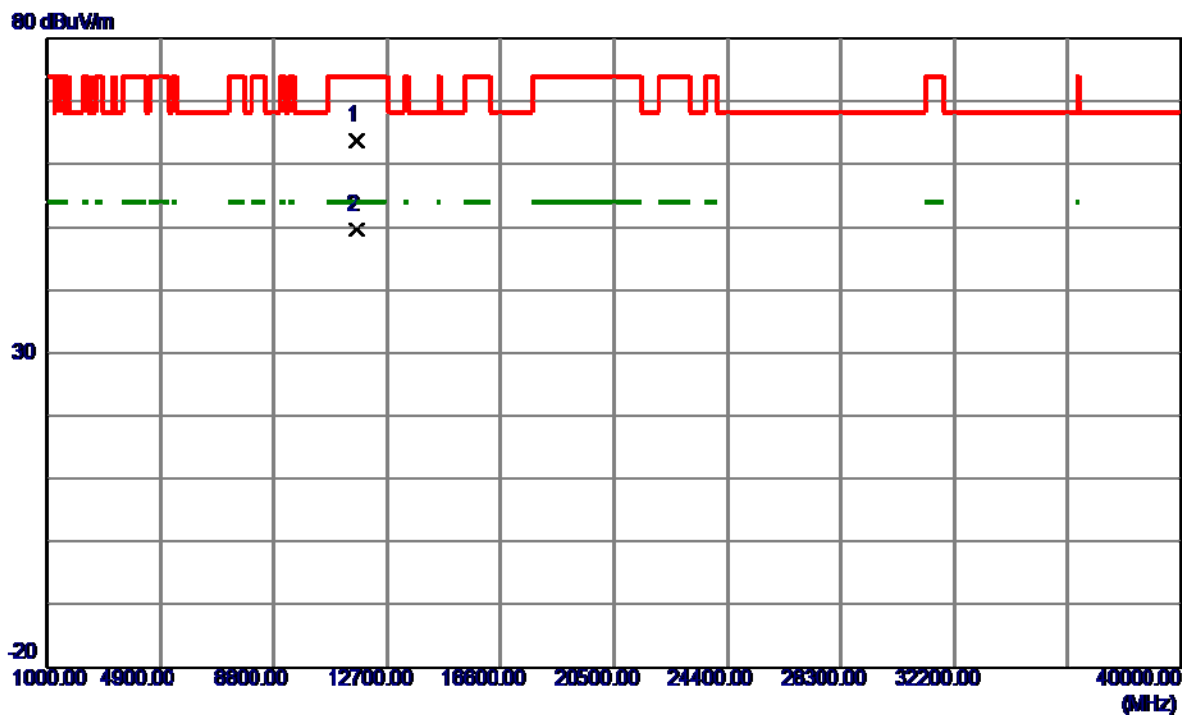
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5821.0000	67.15	43.85	111.00	122.20	-11.20	Peak	
2	5850.0000	45.58	43.94	89.52	122.20	-32.68	Peak	
3	5860.0000	36.06	43.97	80.03	109.40	-29.37	Peak	
4 *	5989.0000	19.58	44.36	63.94	68.20	-4.26	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

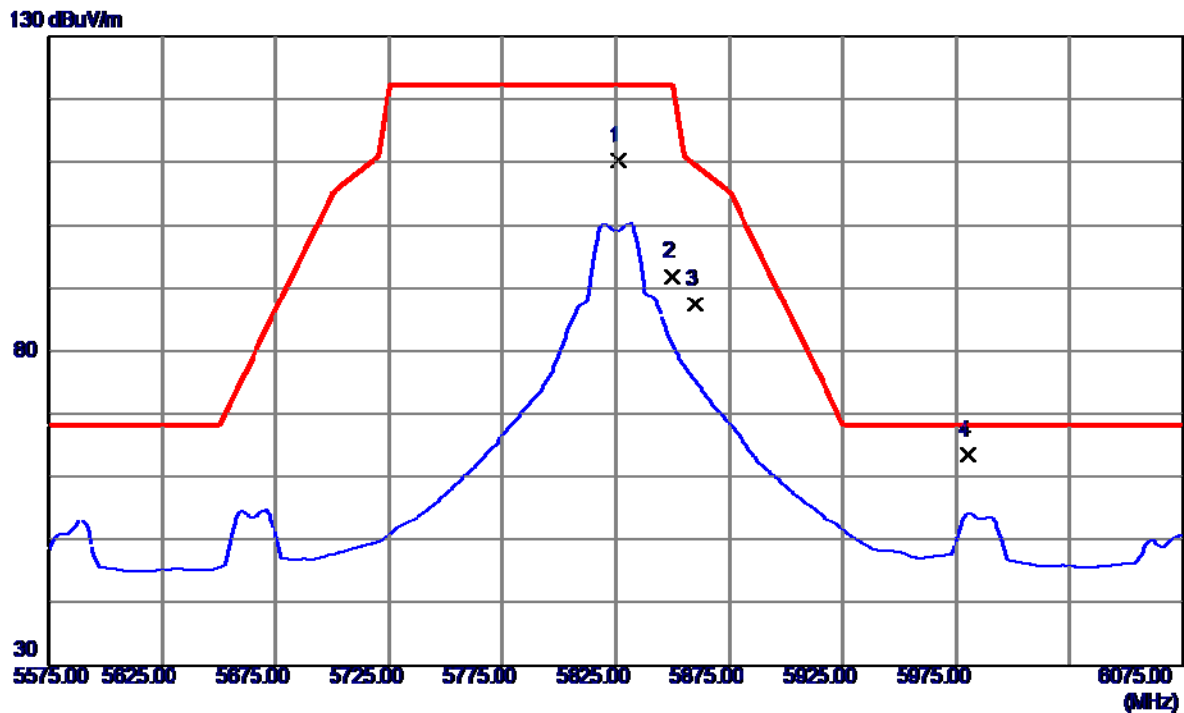
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11648.5300	45.97	17.86	63.83	74.00	-10.17	Peak	
2 *	11651.1400	31.76	17.86	49.62	54.00	-4.38	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

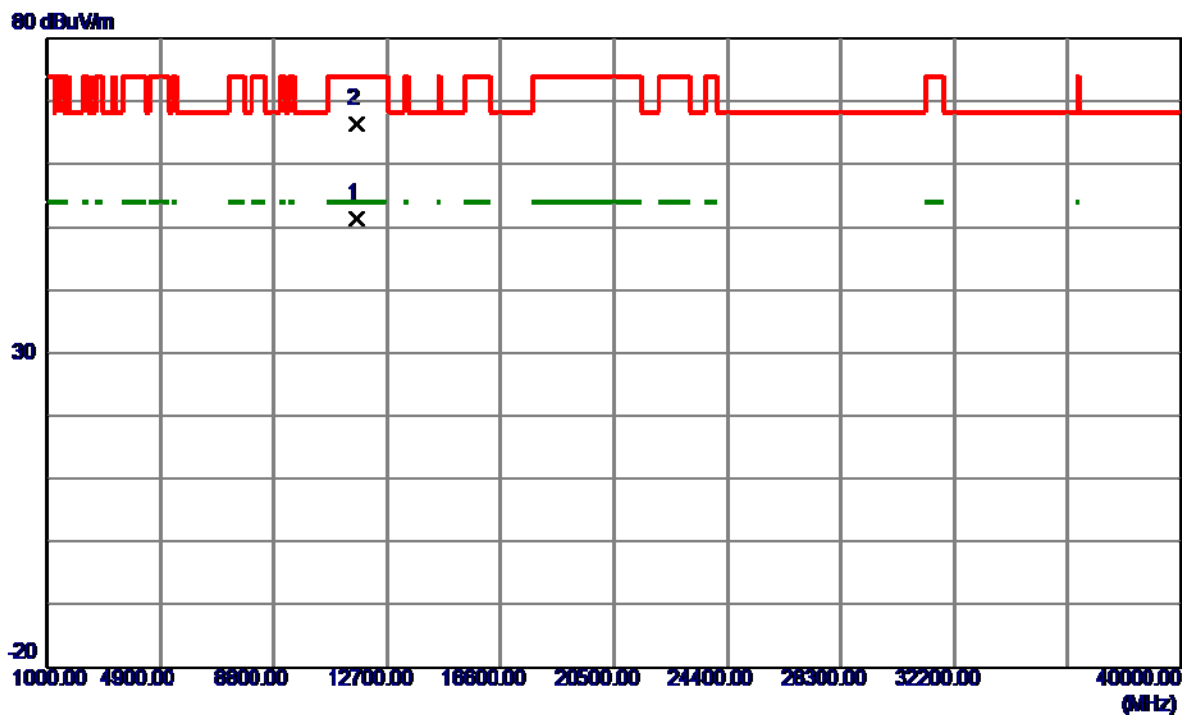
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5826.0000	66.30	43.86	110.16	122.20	-12.04	Peak	
2	5850.0000	47.94	43.94	91.88	122.20	-30.32	Peak	
3	5860.0000	43.44	43.97	87.41	109.40	-21.99	Peak	
4 *	5980.0000	19.03	44.33	63.36	68.20	-4.84	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

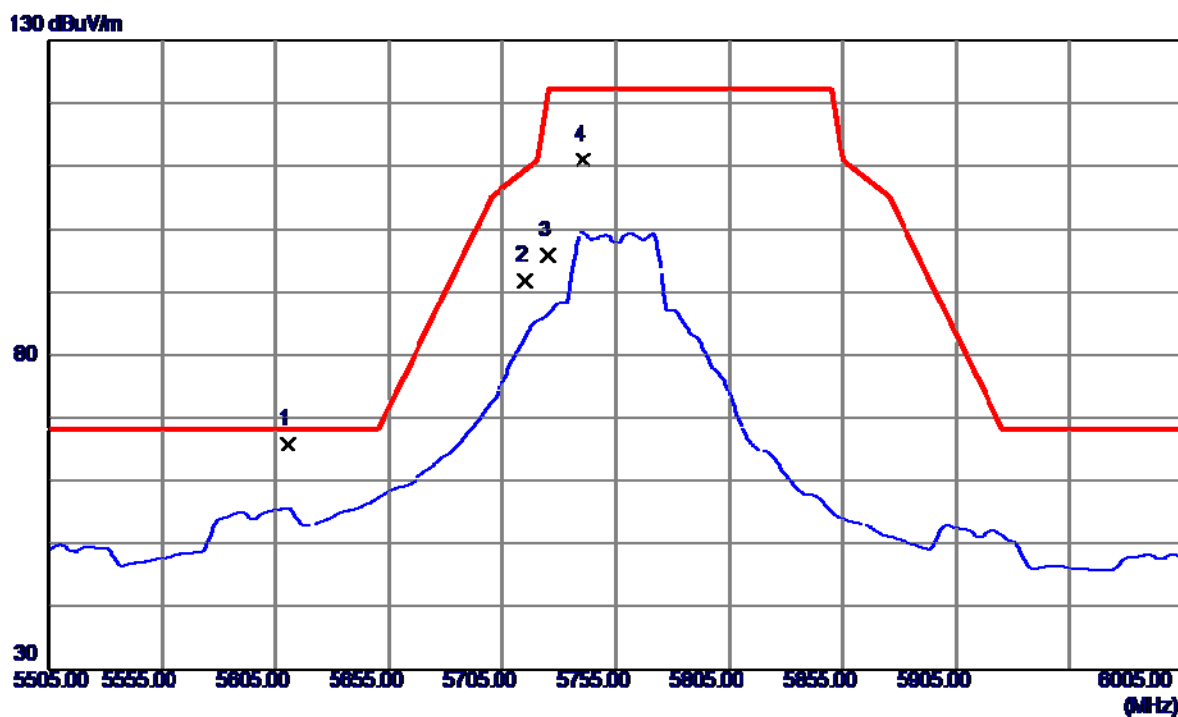
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11648.0000	33.47	17.86	51.33	54.00	-2.67	AVG	
2	11648.2000	48.52	17.86	66.38	74.00	-7.62	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

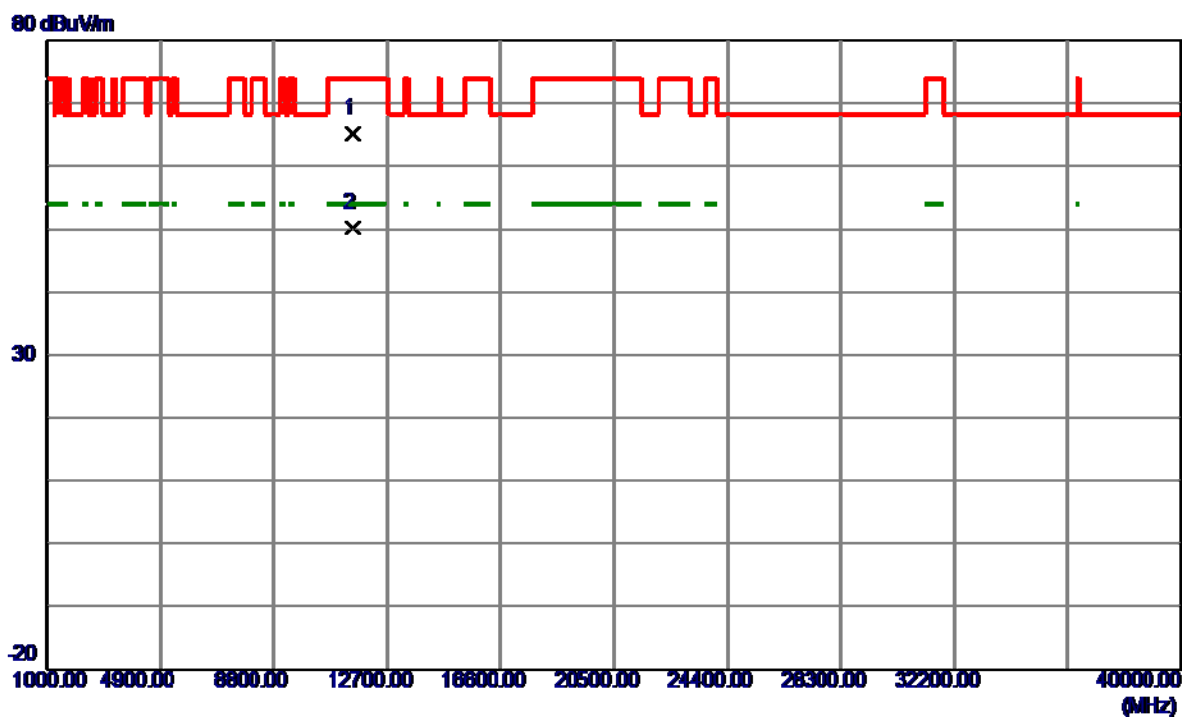
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5610.5000	22.52	43.21	65.73	68.20	-2.47	Peak	
2	5715.0000	48.28	43.53	91.81	109.40	-17.59	Peak	
3	5725.0000	52.30	43.56	95.86	122.20	-26.34	Peak	
4	5740.5000	67.42	43.61	111.03	122.20	-11.17	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

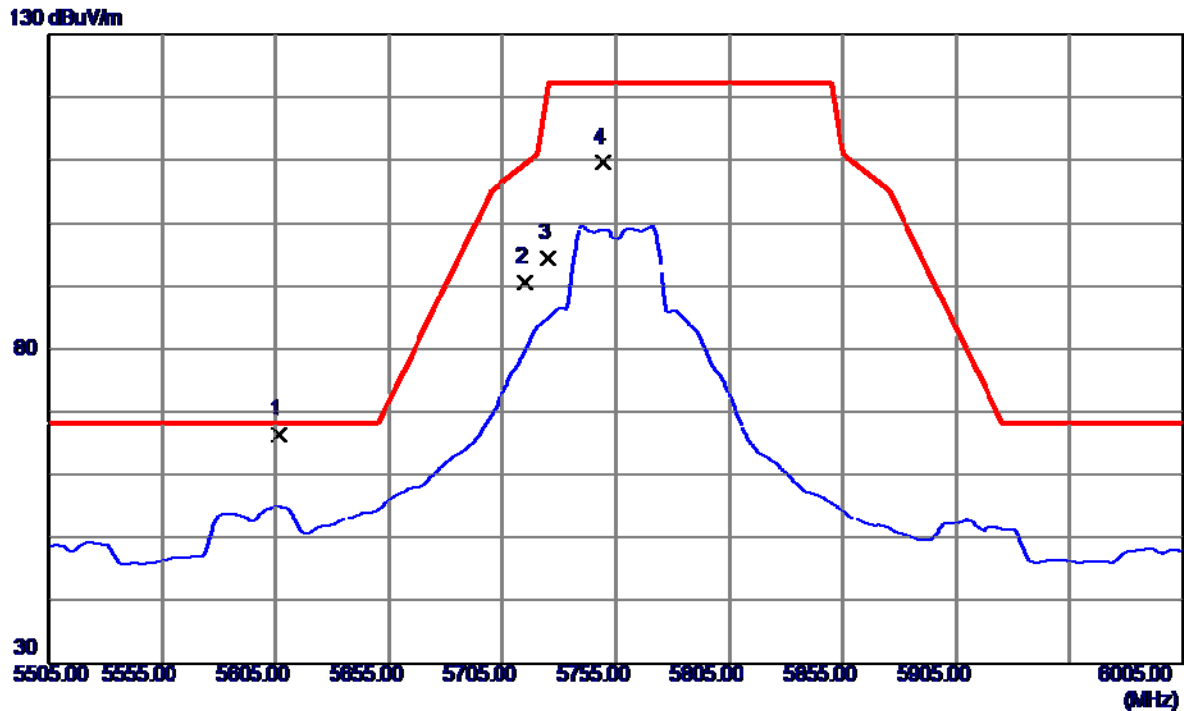
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.3000	47.49	17.79	65.28	74.00	-8.72	Peak	
2 *	11511.1200	32.37	17.79	50.16	54.00	-3.84	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

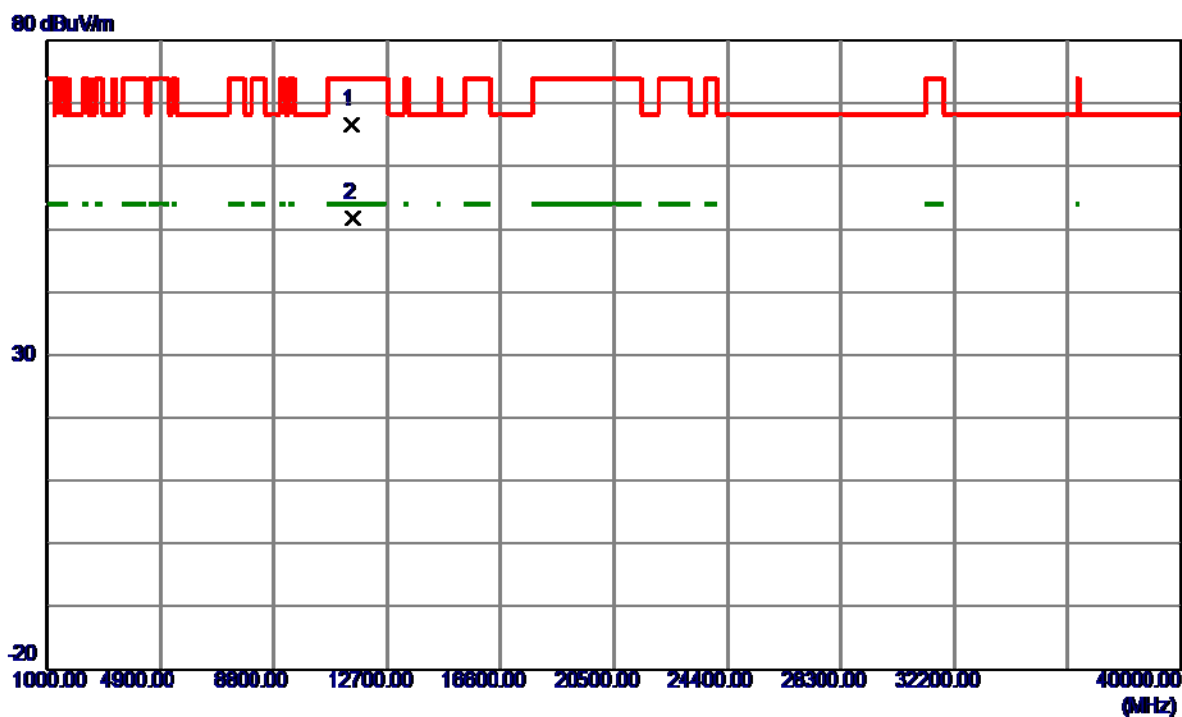
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5606.5000	23.13	43.20	66.33	68.20	-1.87	Peak	
2	5715.0000	47.07	43.53	90.60	109.40	-18.80	Peak	
3	5725.0000	50.80	43.56	94.36	122.20	-27.84	Peak	
4	5749.5000	66.06	43.63	109.69	122.20	-12.51	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

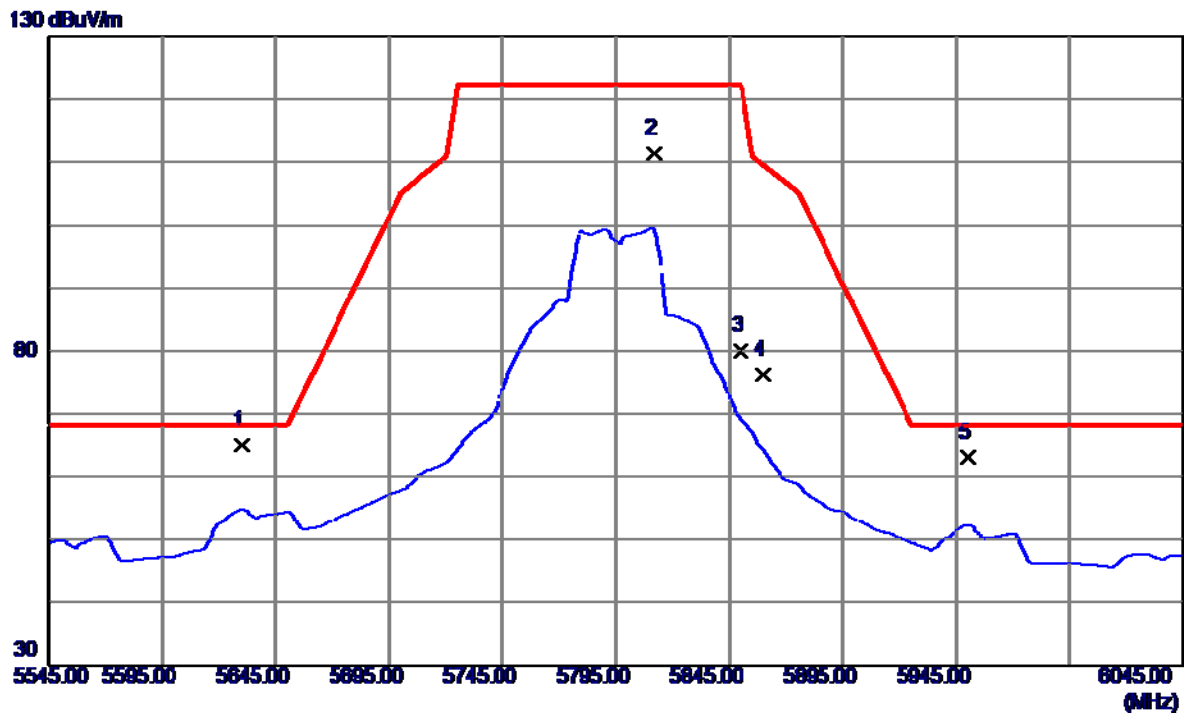
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11506.2000	48.75	17.79	66.54	74.00	-7.46	Peak	
2 *	11511.5000	34.05	17.79	51.84	54.00	-2.16	AVG	

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

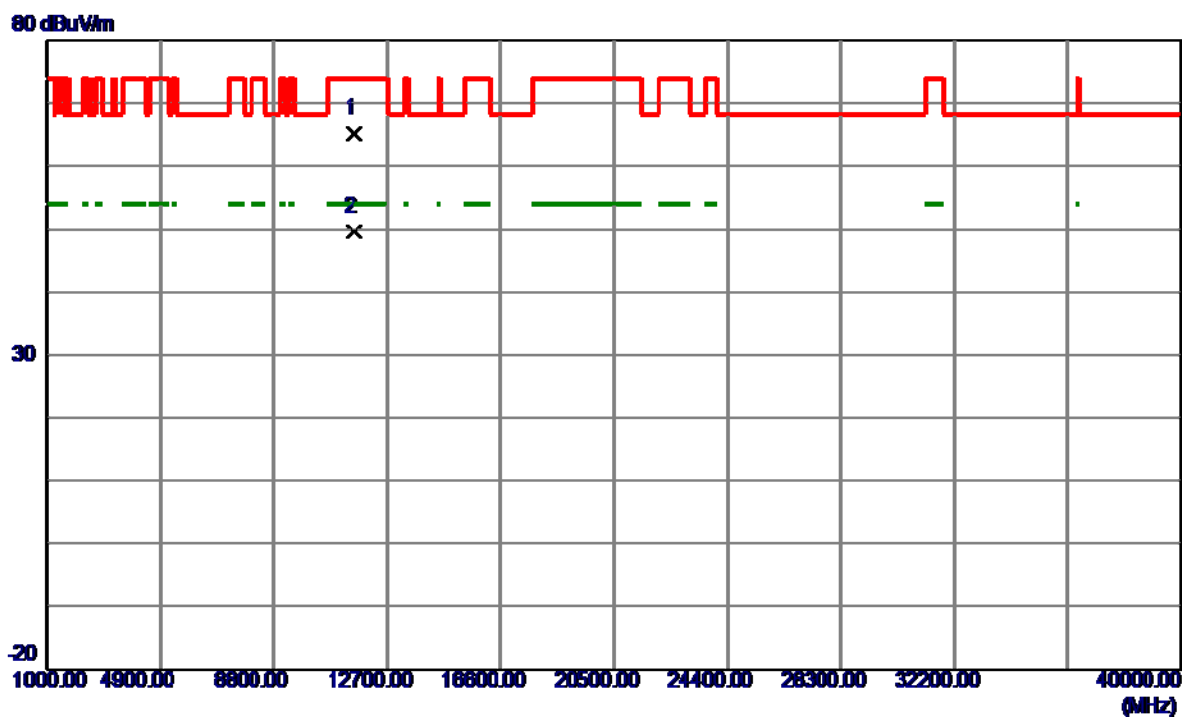
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5630.0000	21.69	43.27	64.96	68.20	-3.24	Peak	
2	5811.5000	67.51	43.82	111.33	122.20	-10.87	Peak	
3	5850.0000	36.05	43.94	79.99	122.20	-42.21	Peak	
4	5860.0000	32.18	43.97	76.15	109.40	-33.25	Peak	
5	5950.0000	18.74	44.24	62.98	68.20	-5.22	Peak	

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

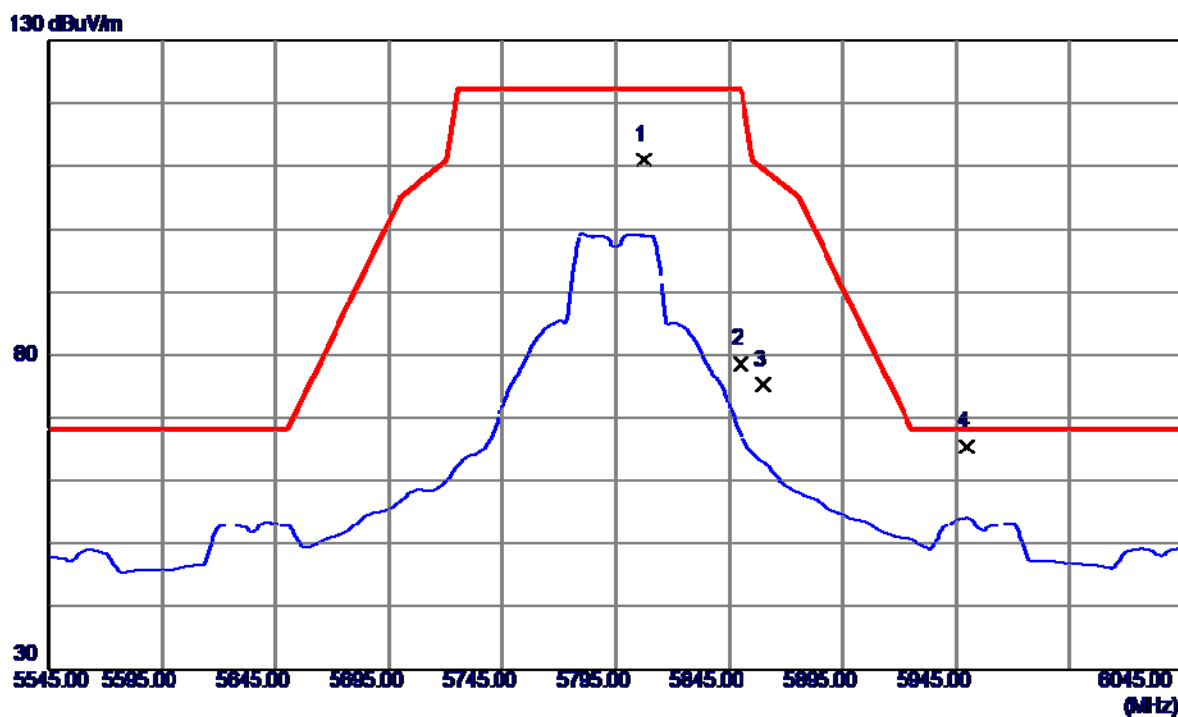
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.2500	47.37	17.83	65.20	74.00	-8.80	Peak	
2 *	11591.2100	31.85	17.83	49.68	54.00	-4.32	AVG	

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

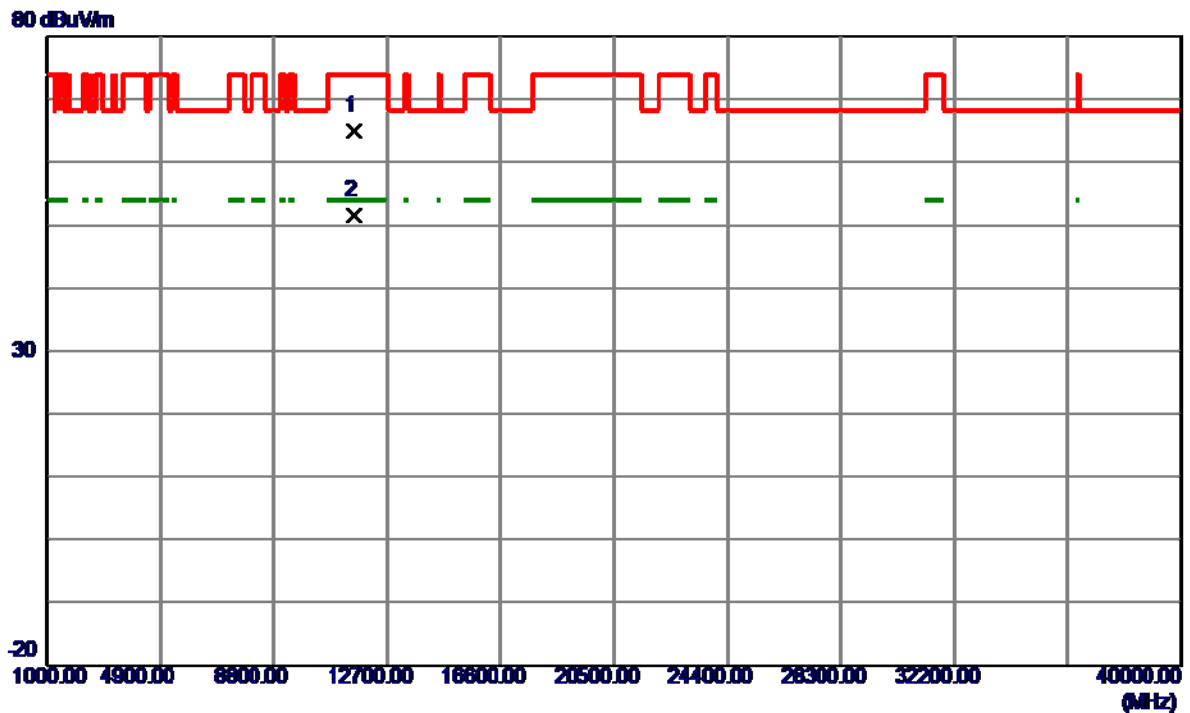
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5807.0000	67.26	43.81	111.07	122.20	-11.13	Peak	
2	5850.0000	34.64	43.94	78.58	122.20	-43.62	Peak	
3	5860.0000	31.30	43.97	75.27	109.40	-34.13	Peak	
4 *	5949.5000	21.16	44.24	65.40	68.20	-2.80	Peak	

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

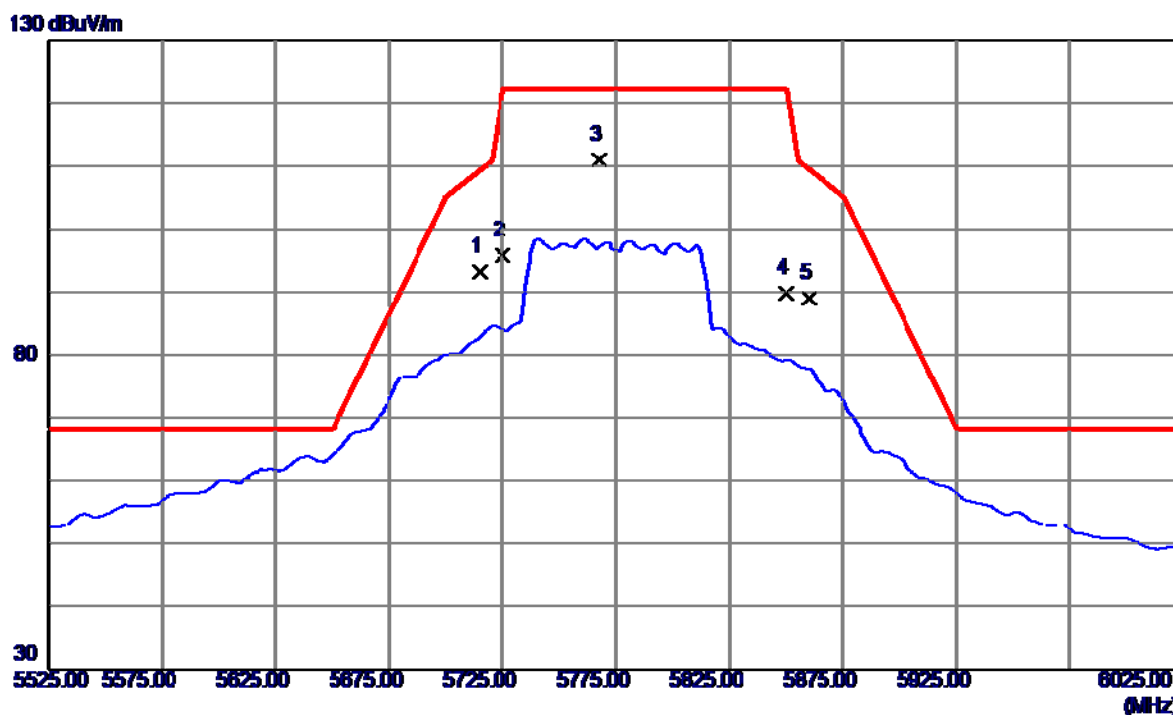
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11589.7000	47.21	17.83	65.04	74.00	-8.96	Peak	
2 *	11591.8000	33.74	17.83	51.57	54.00	-2.43	AVG	

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

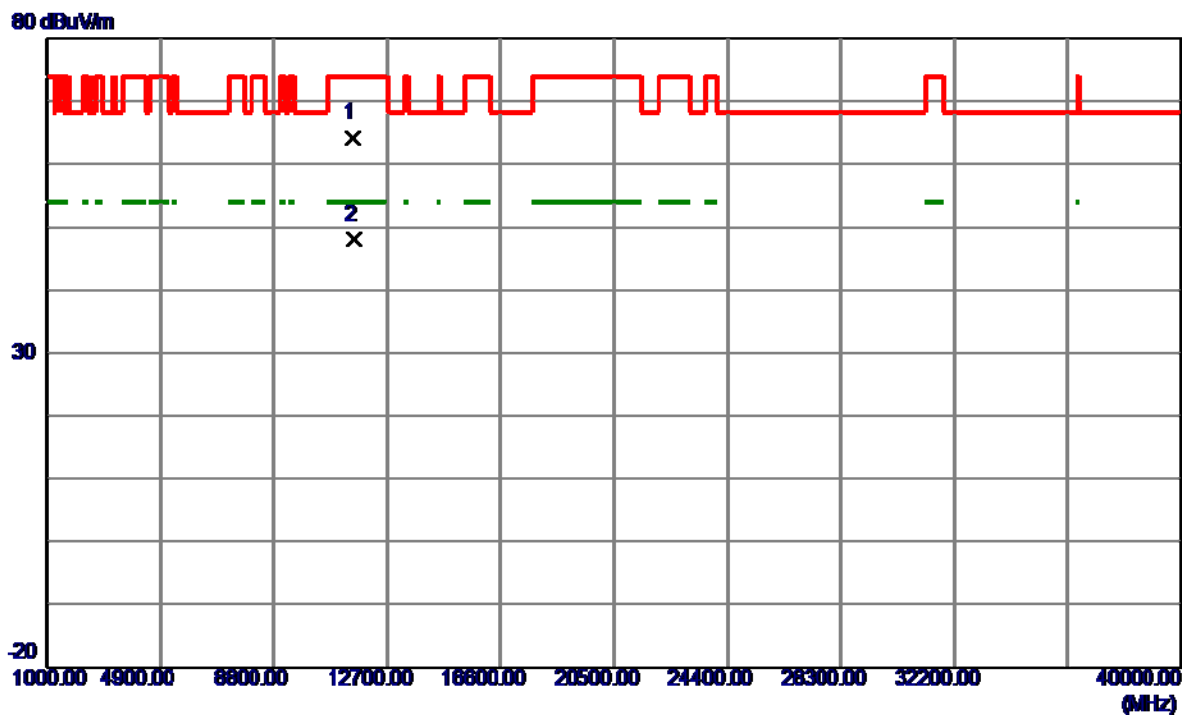
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	49.67	43.53	93.20	109.40	-16.20	Peak	
2	5725.0000	52.32	43.56	95.88	122.20	-26.32	Peak	
3 *	5768.0000	67.40	43.69	111.09	122.20	-11.11	Peak	
4	5850.0000	45.82	43.94	89.76	122.20	-32.44	Peak	
5	5860.0000	45.12	43.97	89.09	109.40	-20.31	Peak	

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

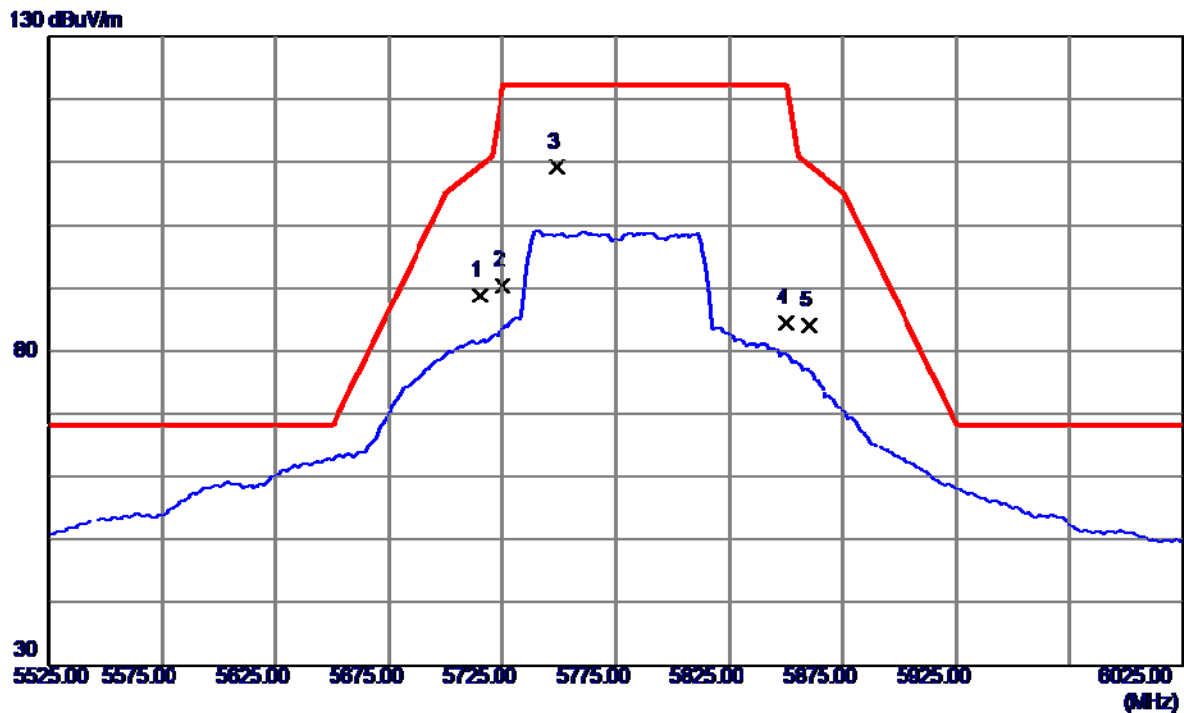
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11549.8250	46.31	17.81	64.12	74.00	-9.88	Peak	
2 *	11552.0350	30.24	17.81	48.05	54.00	-5.95	AVG	

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

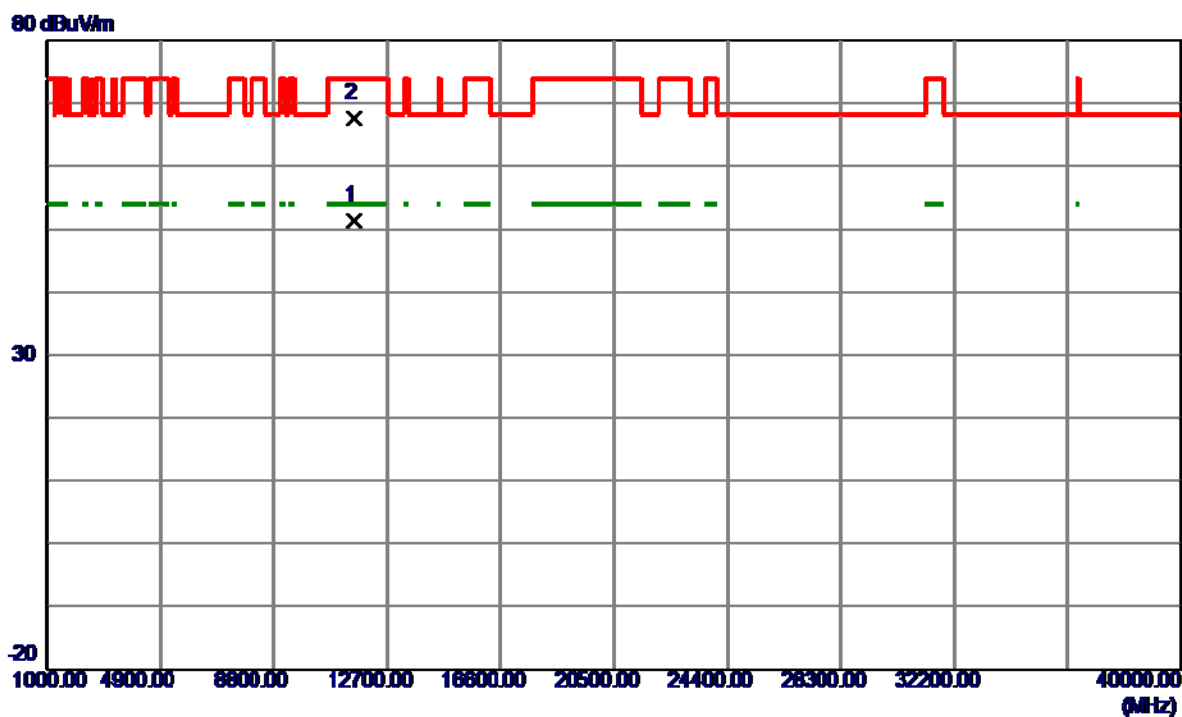
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	45.33	43.53	88.86	109.40	-20.54	Peak	
2	5725.0000	46.77	43.56	90.33	122.20	-31.87	Peak	
3 *	5749.0000	65.60	43.63	109.23	122.20	-12.97	Peak	
4	5850.0000	40.48	43.94	84.42	122.20	-37.78	Peak	
5	5860.0000	39.94	43.97	83.91	109.40	-25.49	Peak	

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

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11563.4000	33.59	17.82	51.41	54.00	-2.59	AVG	
2	11565.8000	49.73	17.82	67.55	74.00	-6.45	Peak	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHZ

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

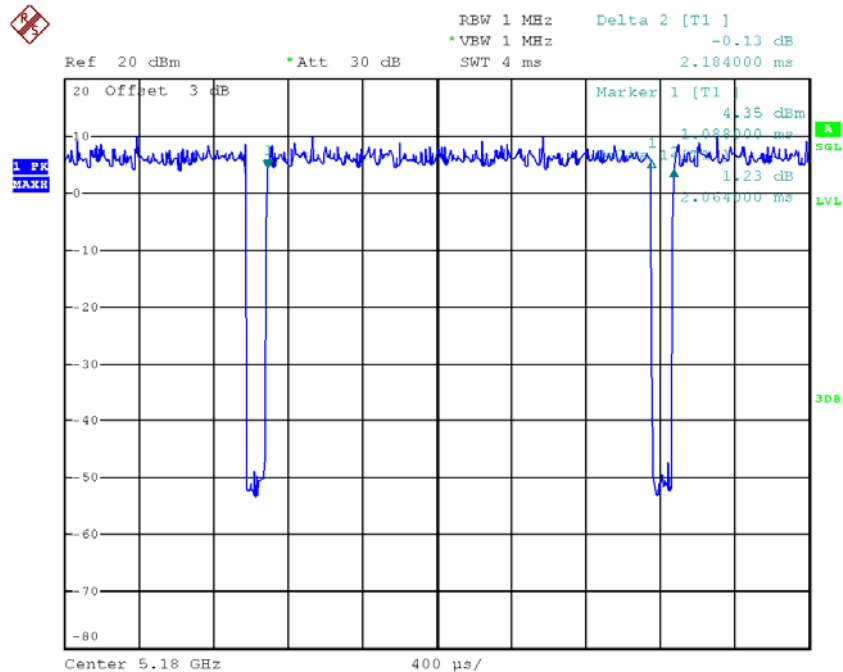
T_{ON} : 2.06 msec

T_{Total} : 2.18 msec

Duty cycle: 94.50%

Duty Factor = $10 \log(1/\text{Duty cycle})$

Duty Factor = 0.25



Date: 1.MAR.2018 09:44:42

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}

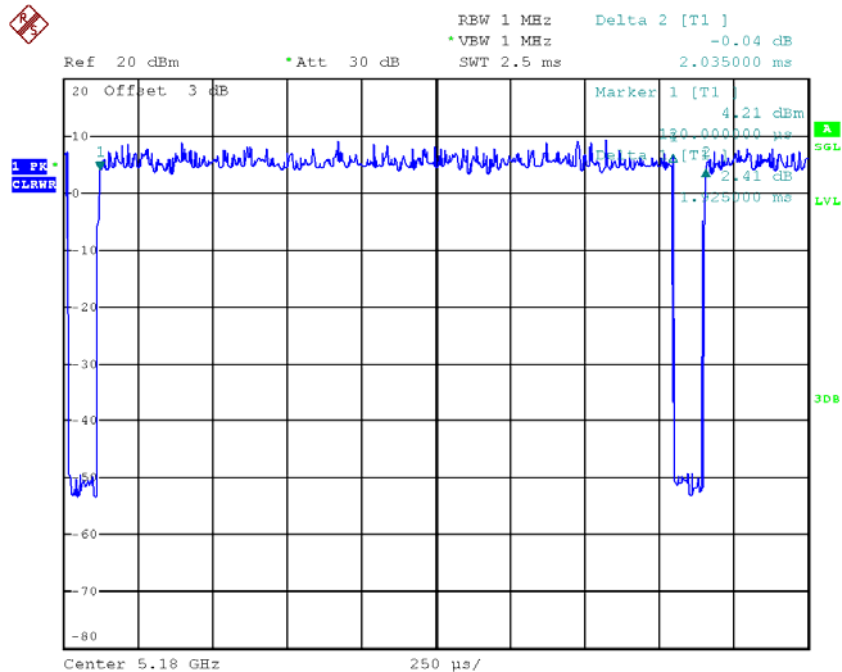
T_{ON} : 1.92 msec

T_{Total} : 2.03 msec

Duty cycle: 94.58%

Duty Factor = $10 \log(1/\text{Duty cycle})$

Duty Factor = 0.24



Date: 1.MAR.2018 09:46:04

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

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHZ

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

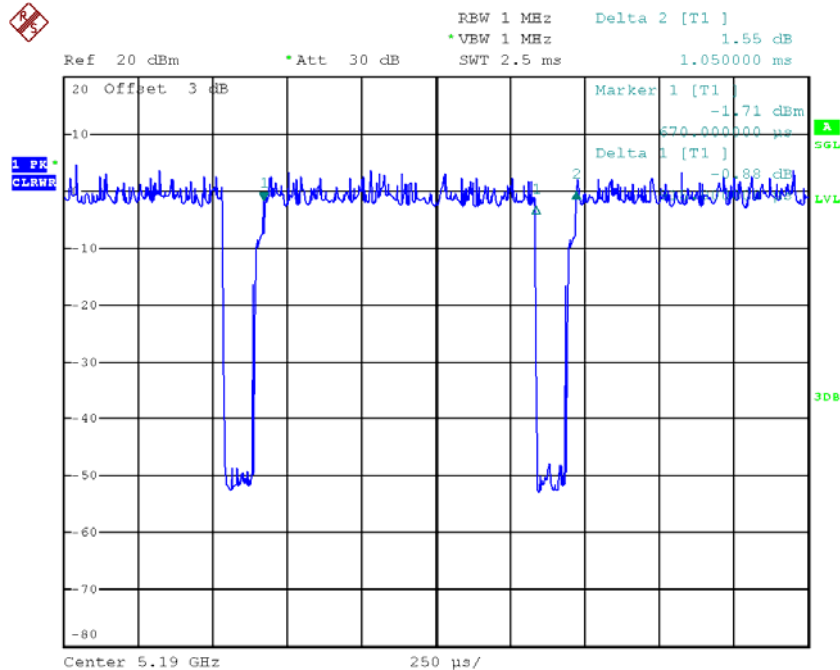
T_{ON} : 0.92 msec

T_{Total} : 1.05 msec

Duty cycle: 87.62%

Duty Factor = $10 \log(1/\text{Duty cycle})$

Duty Factor = 0.57



Date: 1.MAR.2018 09:48:01

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

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHZ

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

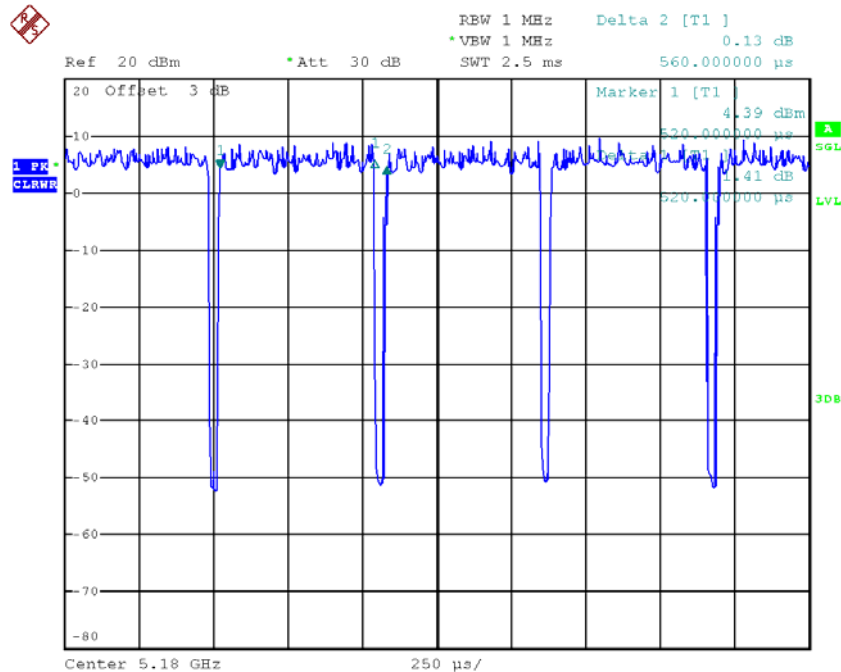
T_{ON} : 0.52 msec

T_{Total} : 0.56 msec

Duty cycle: 92.86%

Duty Factor = $10 \log(1/\text{Duty cycle})$

Duty Factor = 0.32



Date: 1.MAR.2018 09:47:13

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}

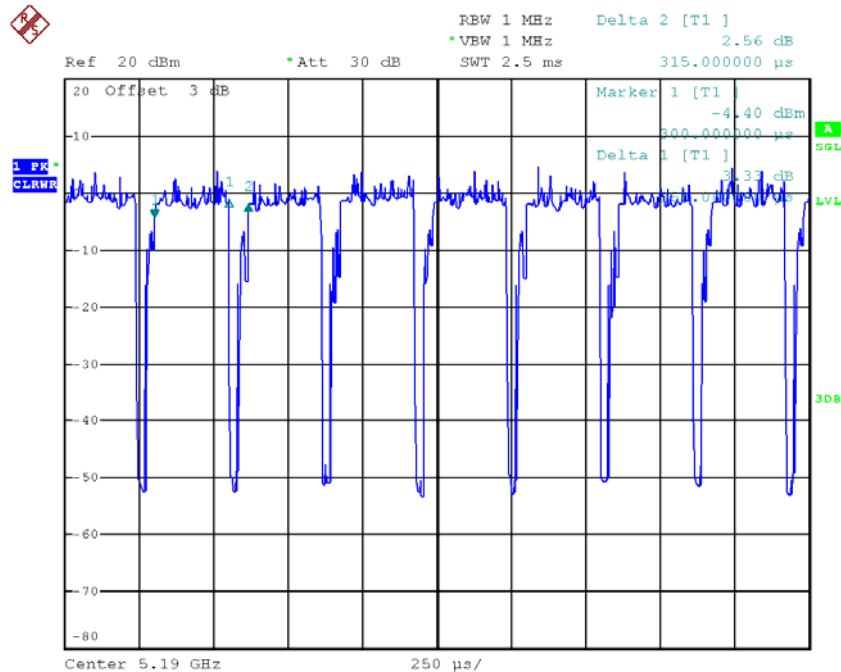
T_{ON} : 0.25 msec

T_{Total} : 0.32 msec

Duty cycle: 78.12%

Duty Factor = $10 \log(1/\text{Duty cycle})$

Duty Factor = 1.07



Date: 1.MAR.2018 09:48:59

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

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHZ

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

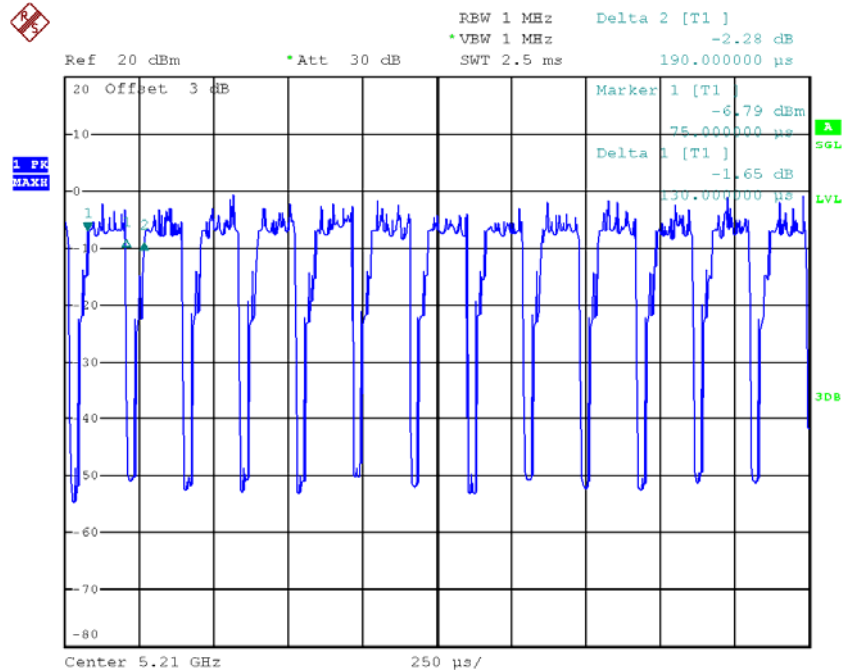
T_{ON} : 0.13 msec

T_{Total} : 0.19 msec

Duty cycle: 68.42%

Duty Factor = $10 \log(1/\text{Duty cycle})$

Duty Factor = 1.65



Date: 1.MAR.2018 10:27:23

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

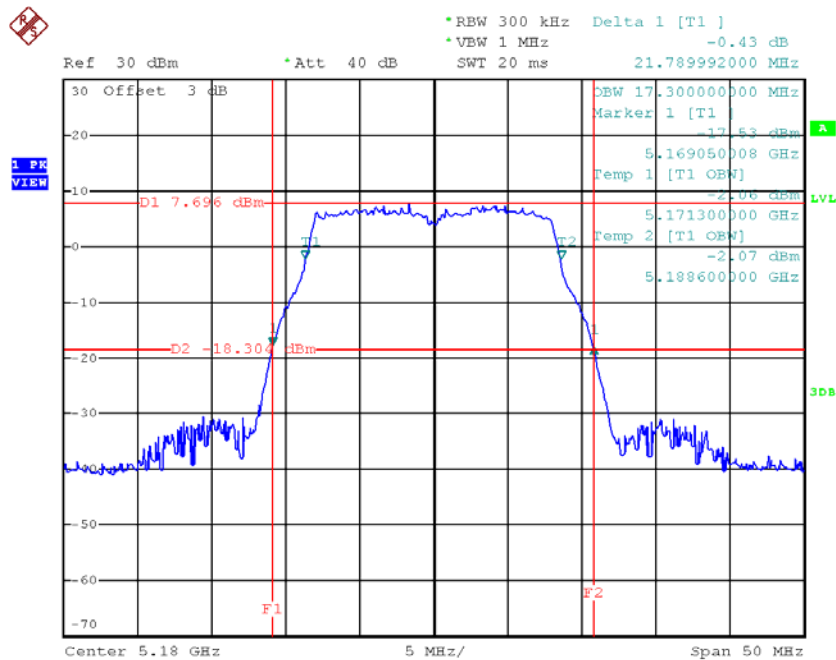
APPENDIX E - BANDWIDTH

Non-Beamforming

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

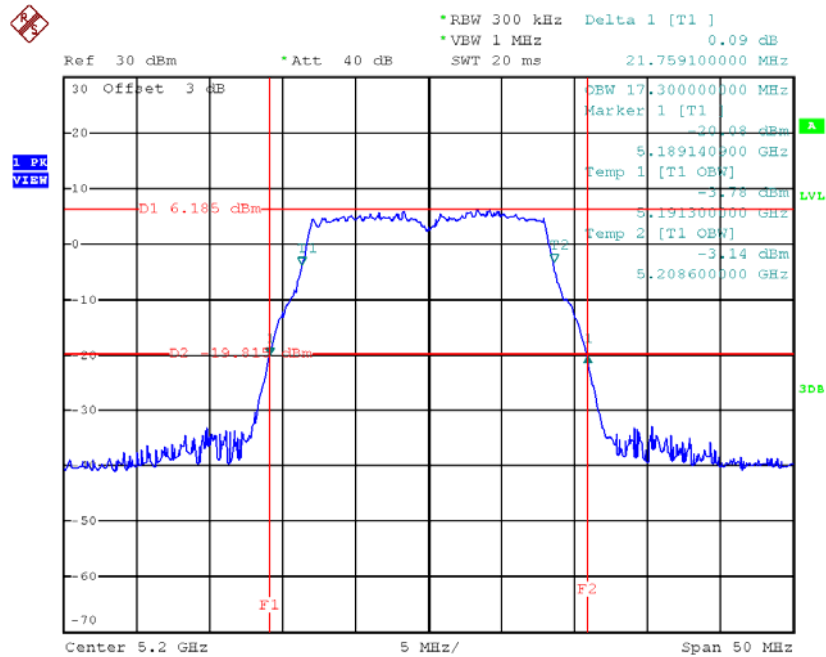
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.79	17.30
CH40	5200	21.76	17.30
CH48	5240	21.90	17.30

TX CH36



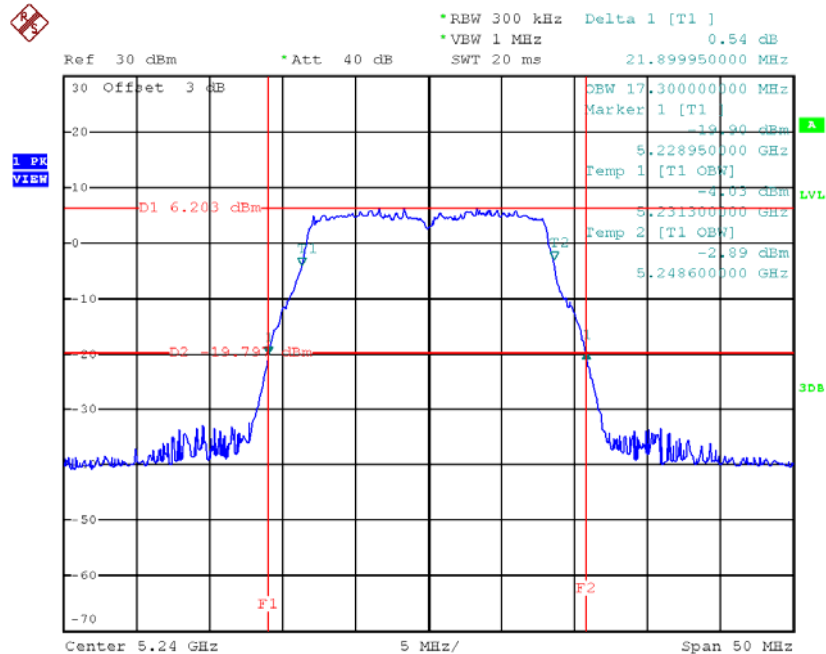
Date: 1.MAR.2018 11:07:12

TX CH40



Date: 1.MAR.2018 11:23:50

TX CH48

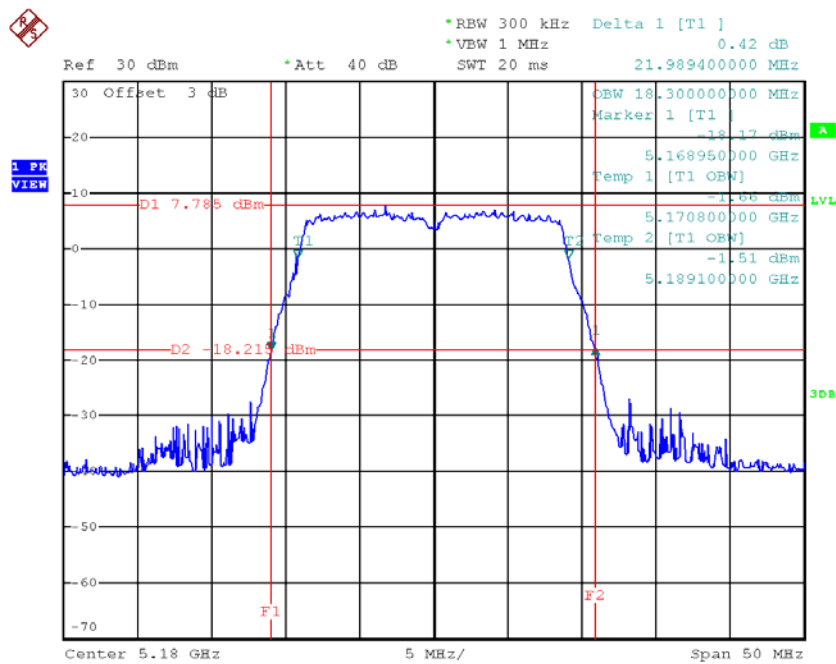


Date: 1.MAR.2018 11:24:50

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

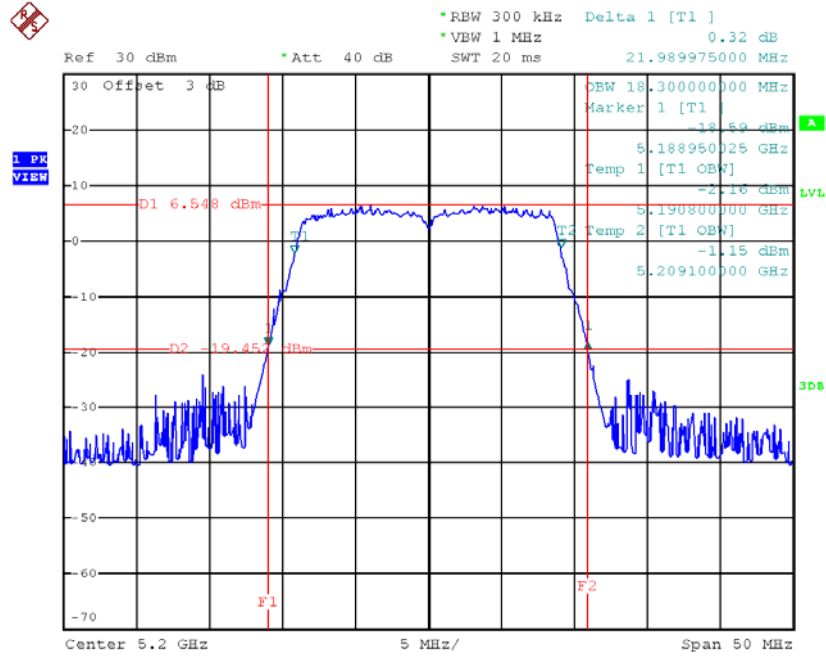
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.99	18.30
CH40	5200	21.99	18.30
CH48	5240	22.05	18.30

TX CH36



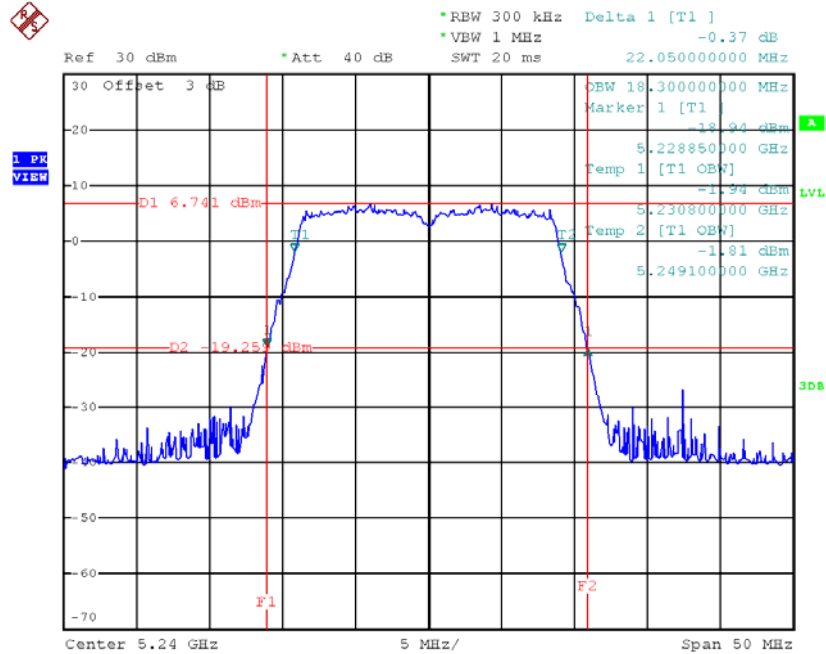
Date: 1.MAR.2018 15:03:42

TX CH40



Date: 1.MAR.2018 15:06:08

TX CH48

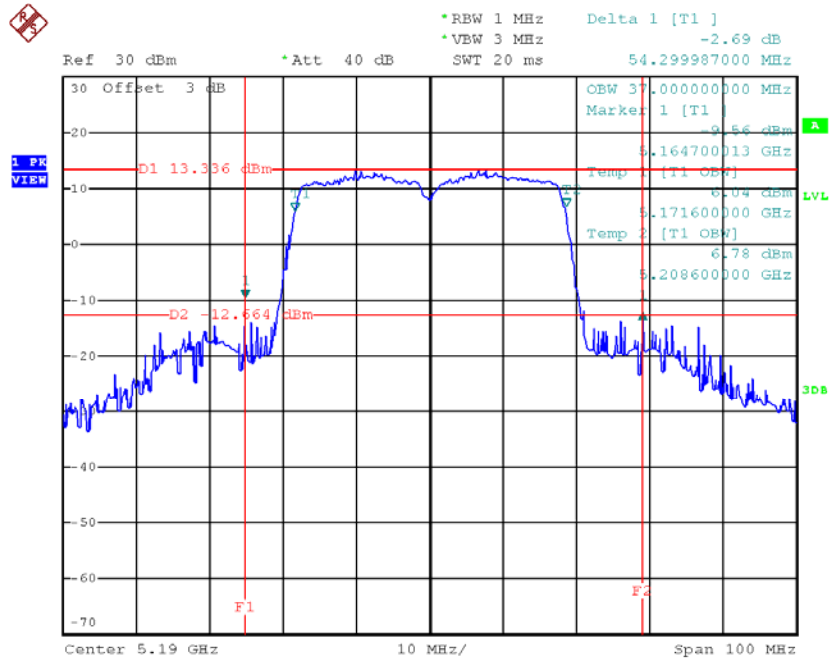


Date: 1.MAR.2018 15:25:18

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

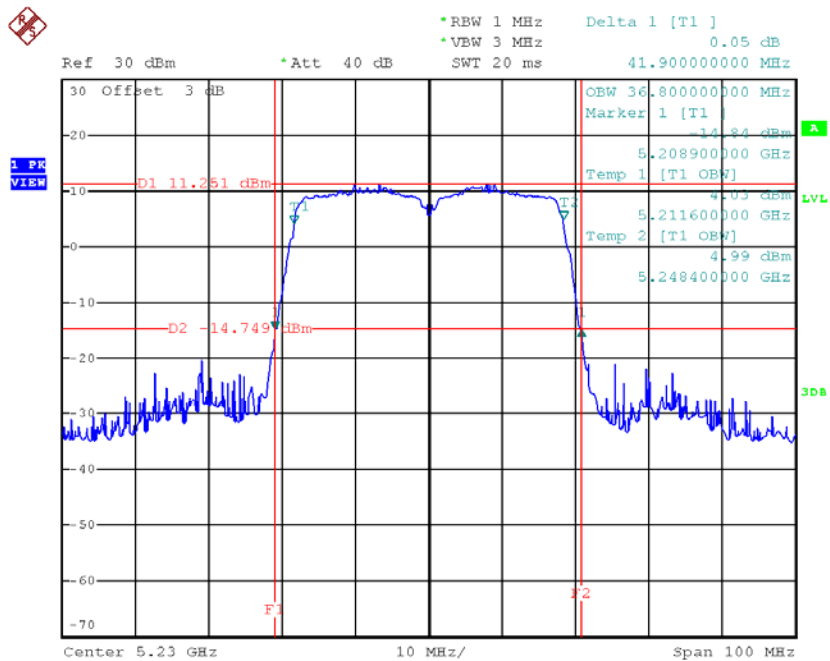
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	54.30	37.00
CH46	5230	41.90	36.80

TX CH38



Date: 1.MAR.2018 15:38:56

TX CH46

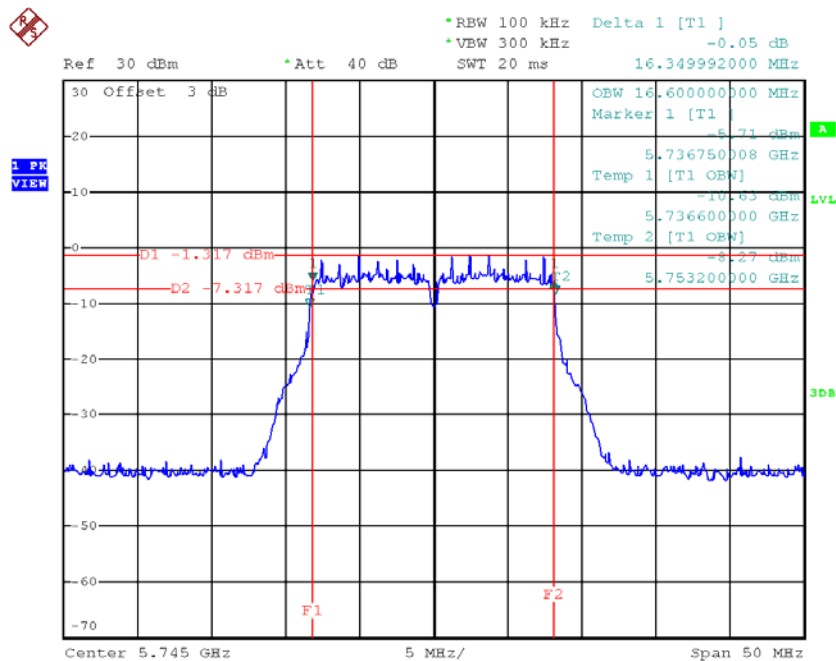


Date: 1.MAR.2018 15:40:25

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

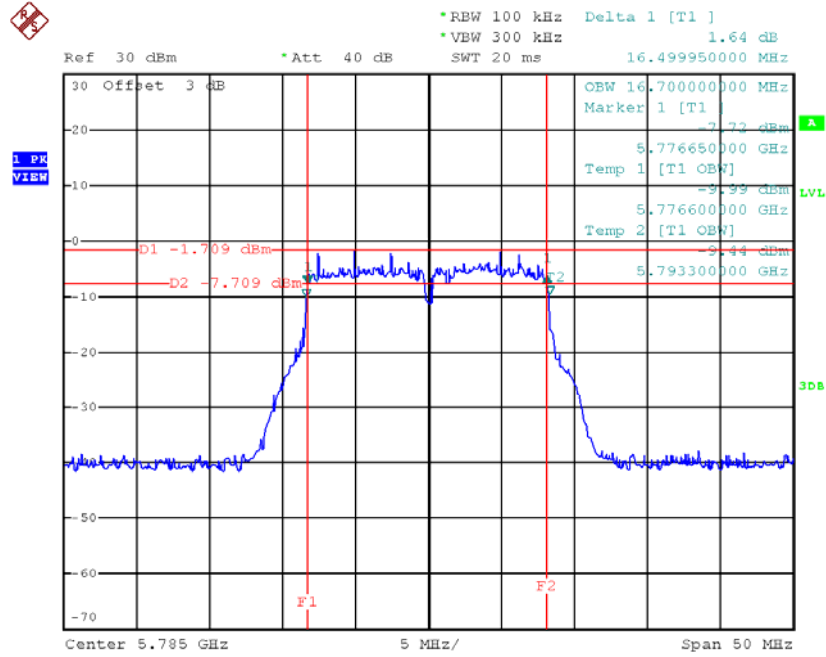
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.35	16.60	>=500
CH157	5785	16.50	16.70	>=500
CH165	5825	16.35	16.60	>=500

TX CH 149



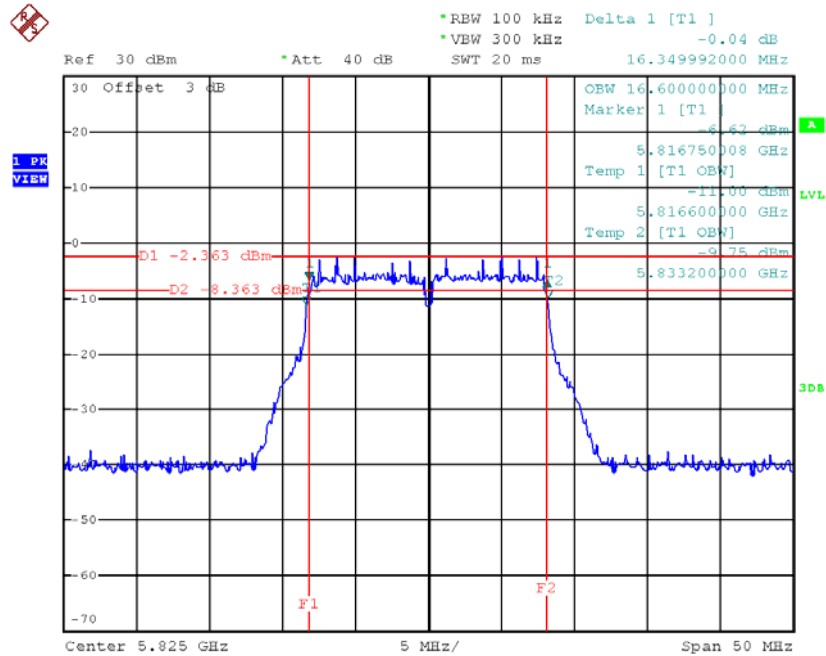
Date: 1.MAR.2018 11:32:39

TX CH 157



Date: 1.MAR.2018 11:33:54

TX CH 165

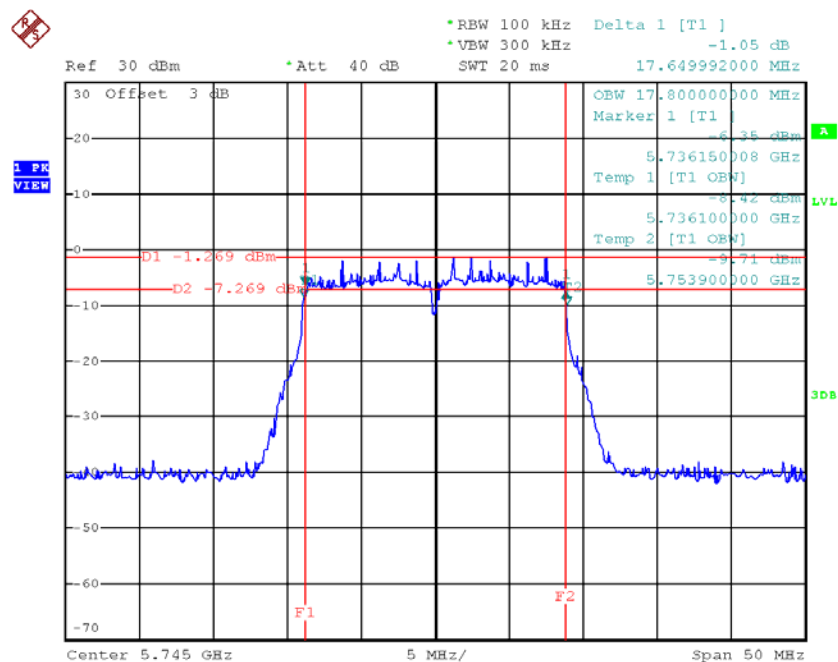


Date: 1.MAR.2018 11:34:57

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

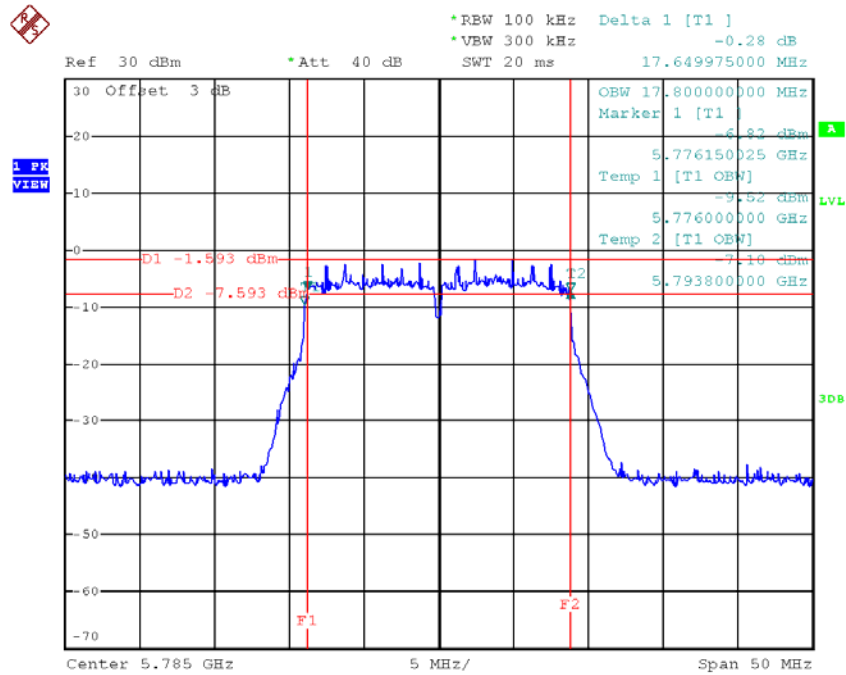
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.80	>=500
CH157	5785	17.65	17.80	>=500
CH165	5825	17.69	17.80	>=500

TX CH 149



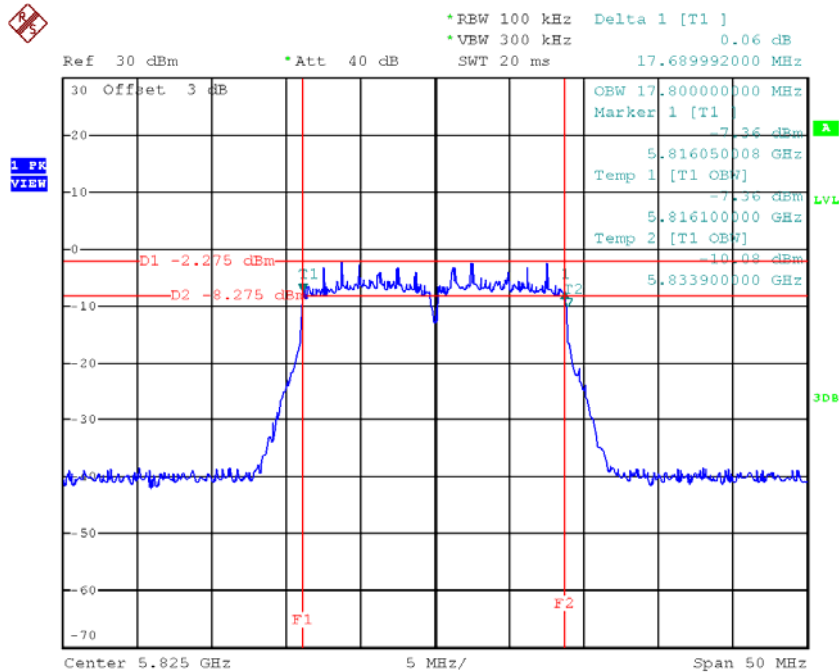
Date: 1.MAR.2018 15:33:26

TX CH 157



Date: 1.MAR.2018 15:34:23

TX CH 165

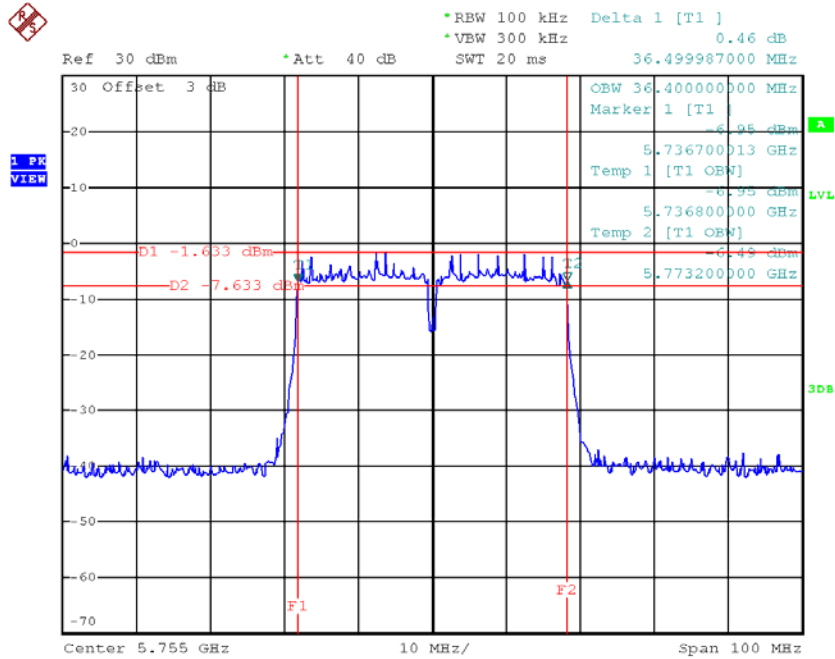


Date: 1.MAR.2018 15:35:38

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

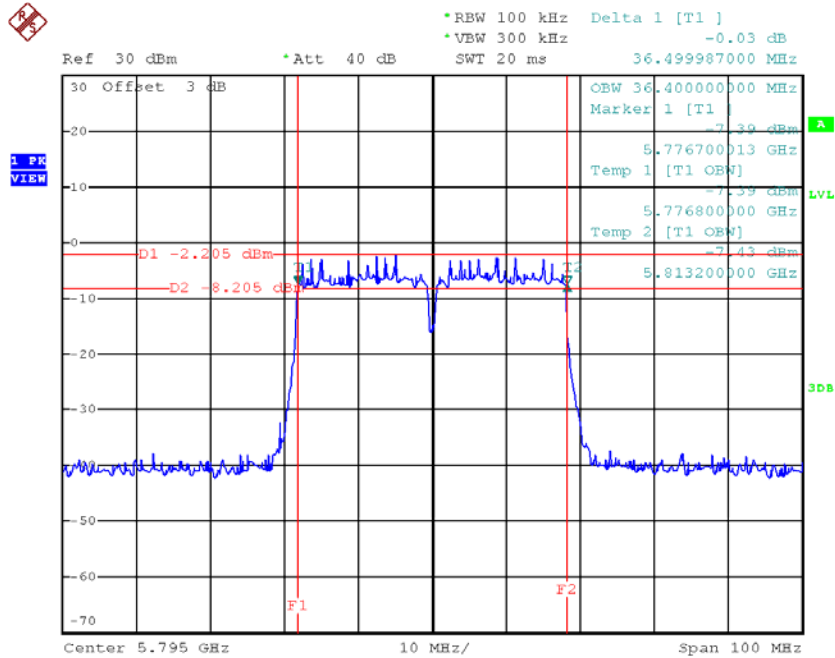
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	>=500
CH159	5795	36.50	36.40	>=500

TX CH 151



Date: 1.MAR.2018 15:50:13

TX CH 159

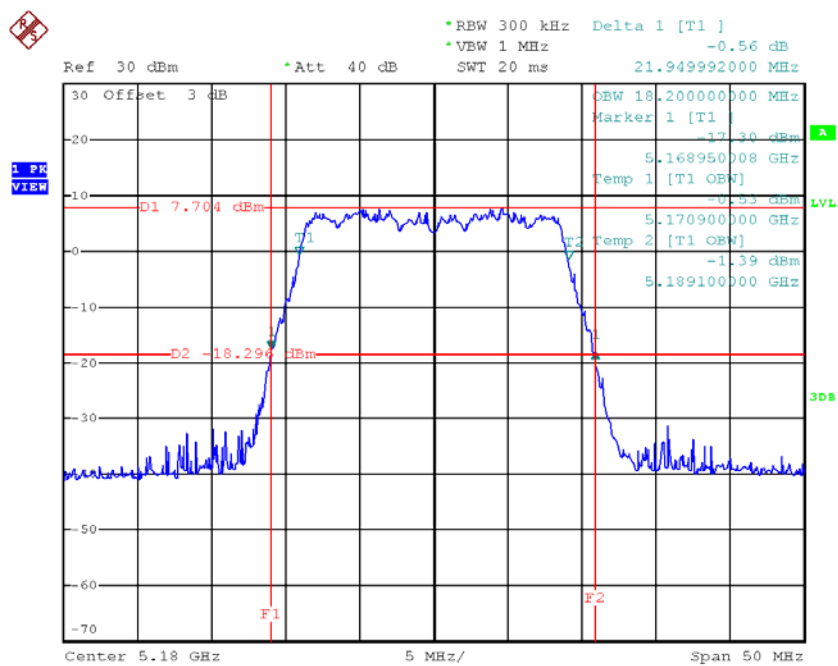


Date: 1.MAR.2018 15:51:46

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

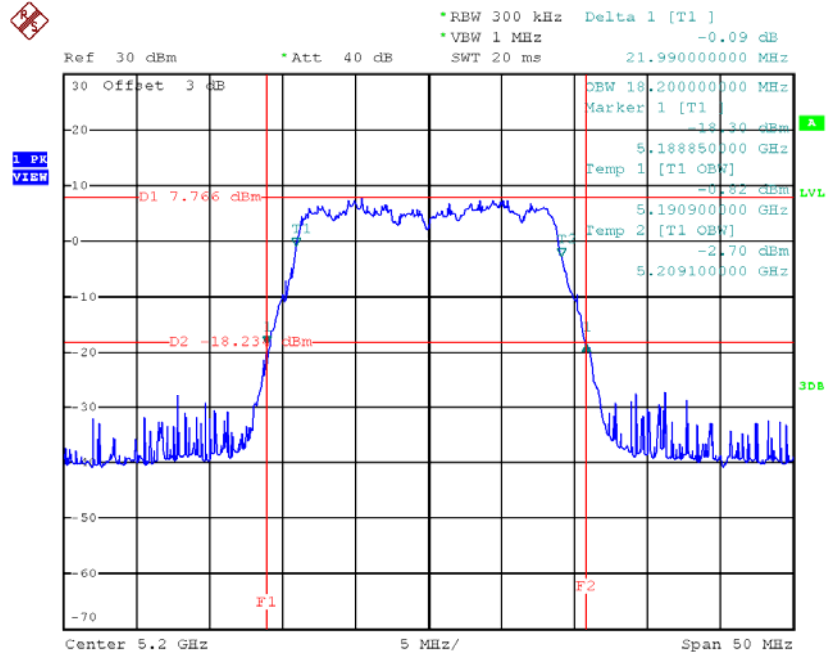
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.95	18.20
CH40	5200	21.99	18.20
CH48	5240	21.70	18.10

TX CH36



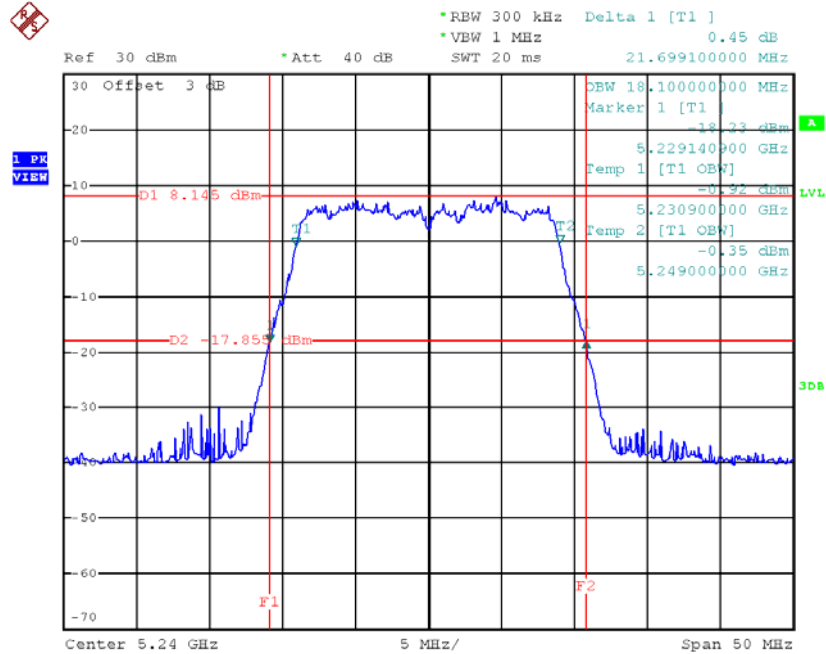
Date: 1.MAR.2018 17:16:58

TX CH40



Date: 1.MAR.2018 17:18:35

TX CH48

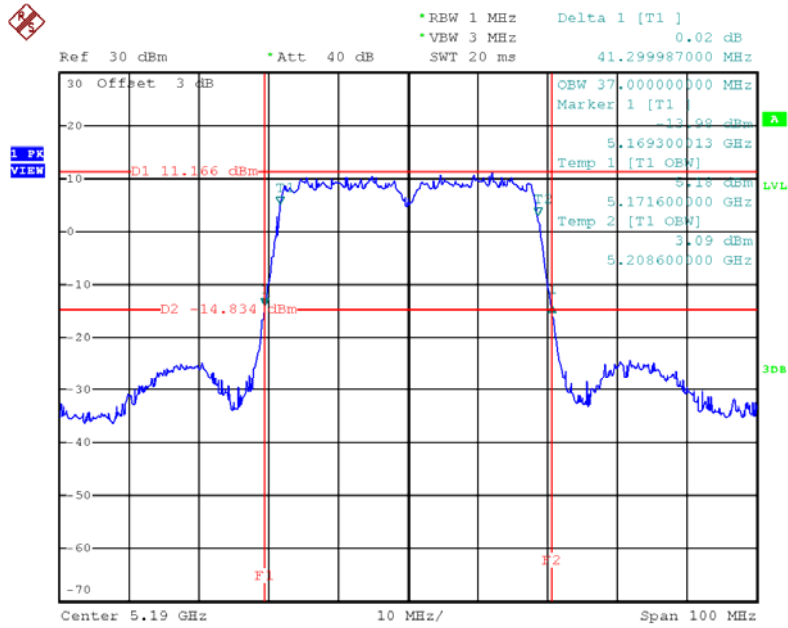


Date: 1.MAR.2018 17:20:16

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

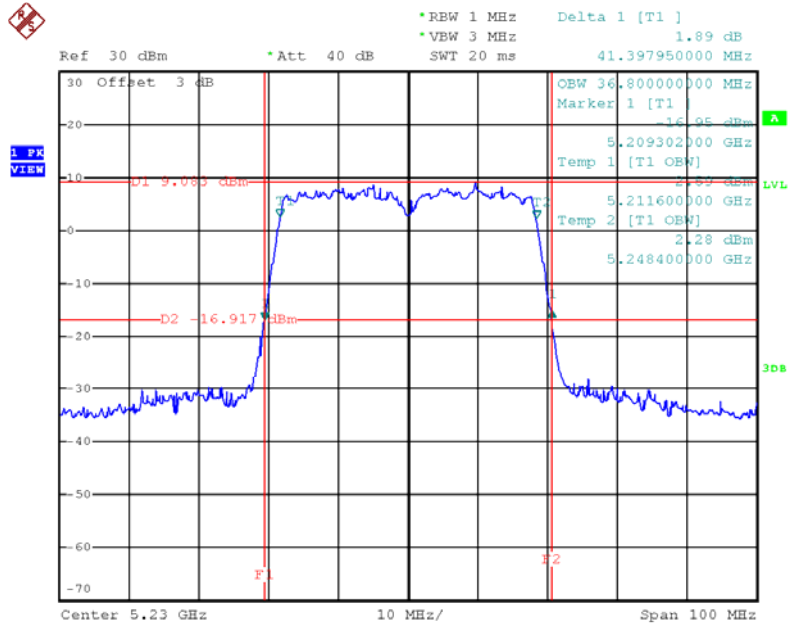
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	41.30	37.00
CH46	5230	41.40	36.80

TX CH38



Date: 2.MAR.2018 14:09:40

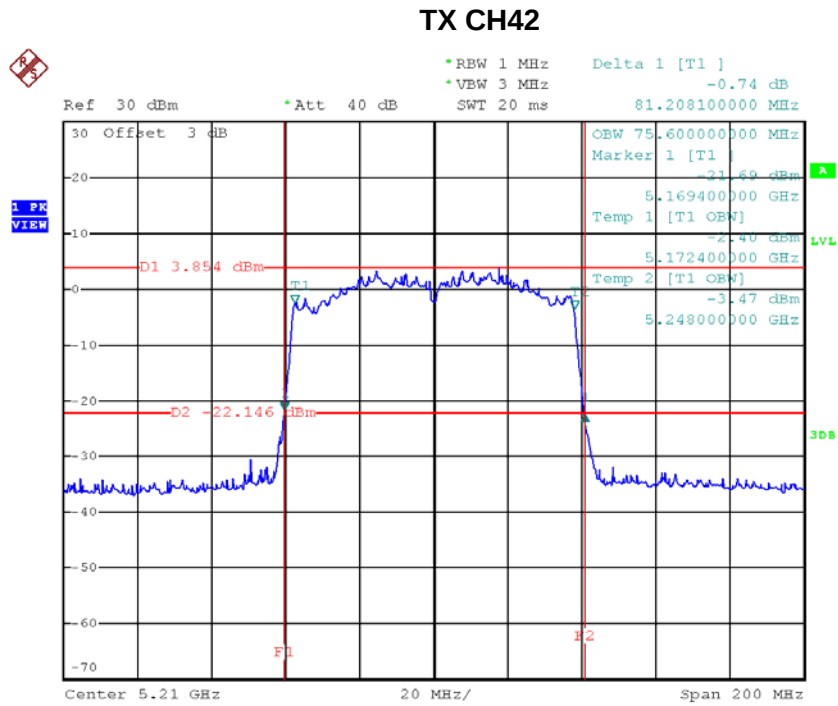
TX CH46



Date: 2.MAR.2018 14:10:34

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	81.21	75.60

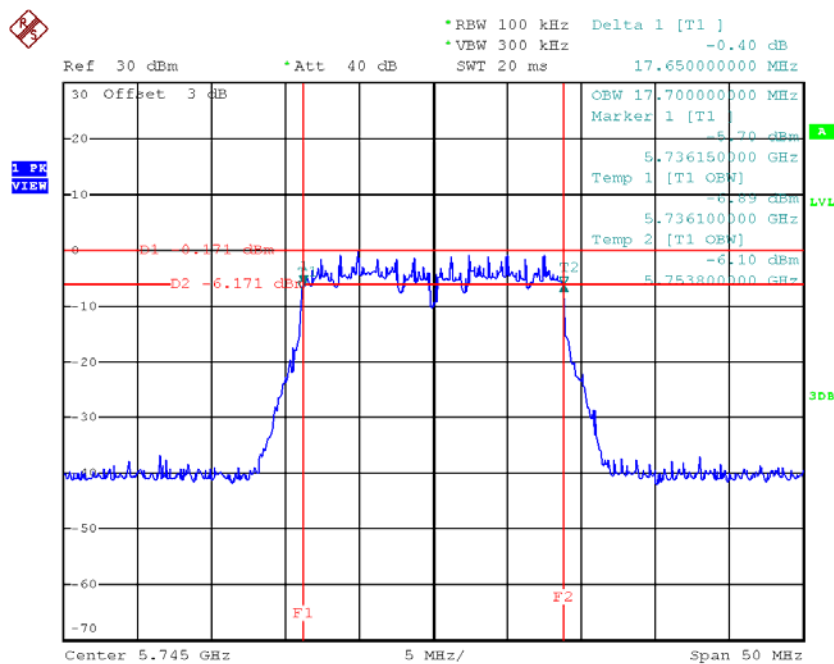


Date: 2.MAR.2018 14:57:19

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

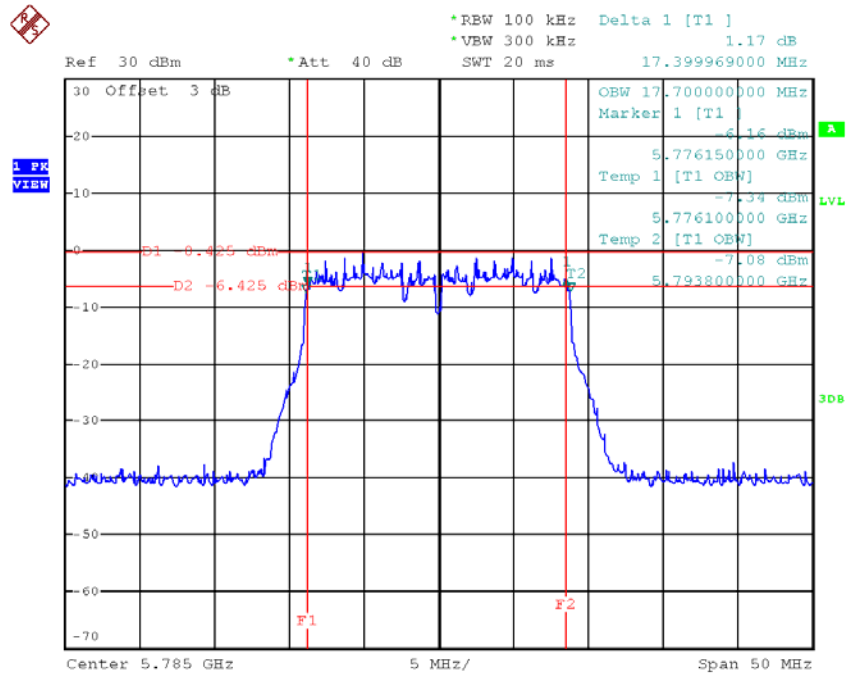
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.70	>=500
CH157	5785	17.40	17.70	>=500
CH165	5825	17.55	17.70	>=500

TX CH 149



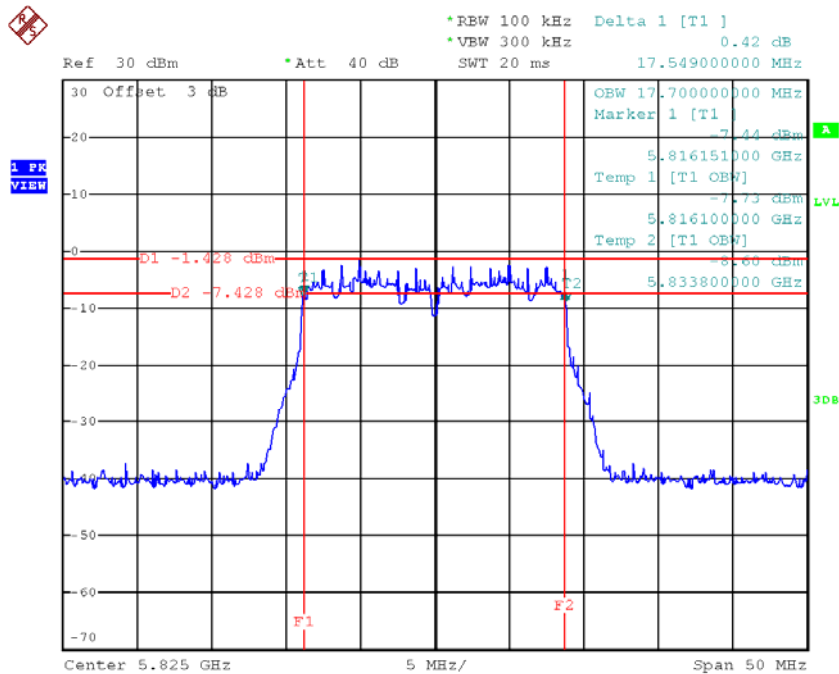
Date: 1.MAR.2018 19:20:53

TX CH 157



Date: 1.MAR.2018 19:21:56

TX CH 165

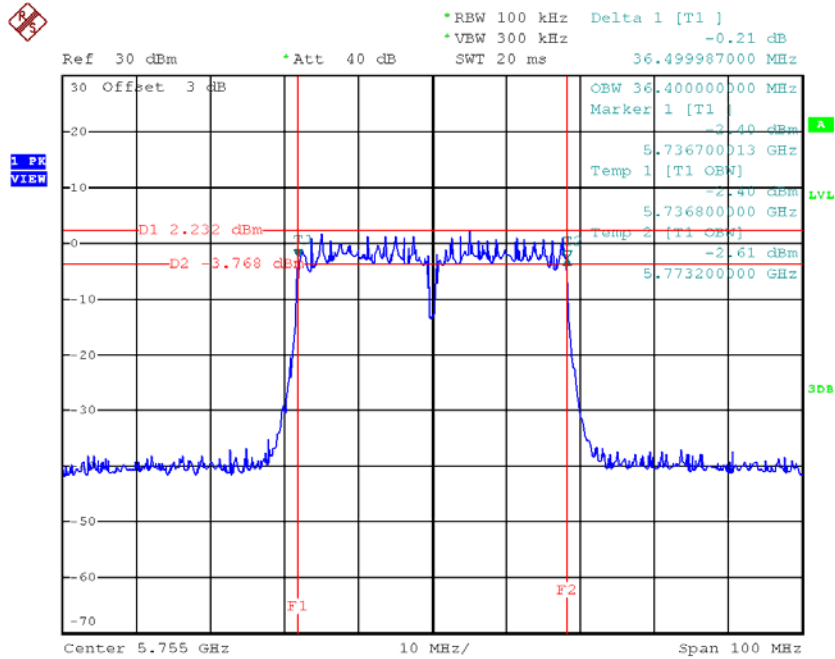


Date: 1.MAR.2018 19:23:24

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

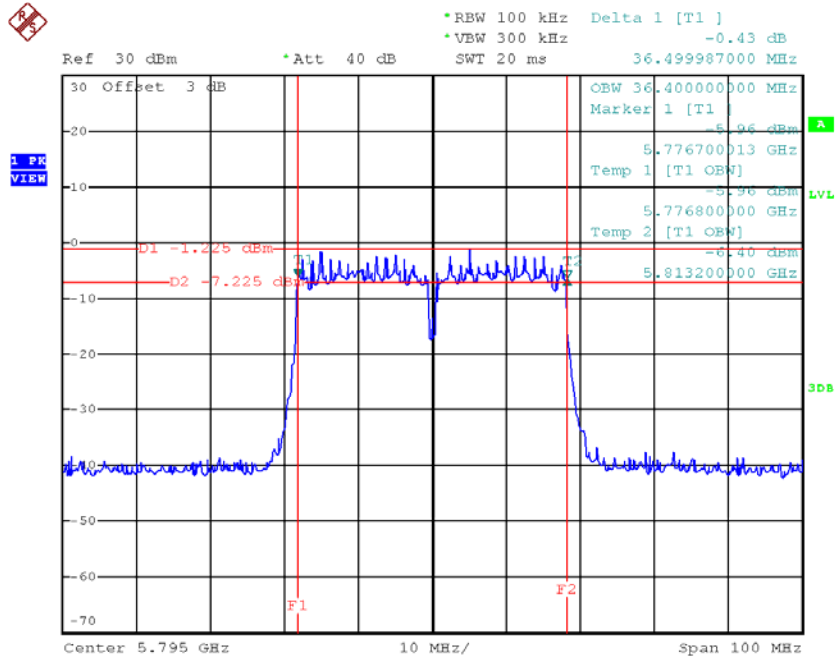
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	≥ 500
CH159	5795	36.50	36.40	≥ 500

TX CH 151



Date: 2.MAR.2018 14:31:03

TX CH 159

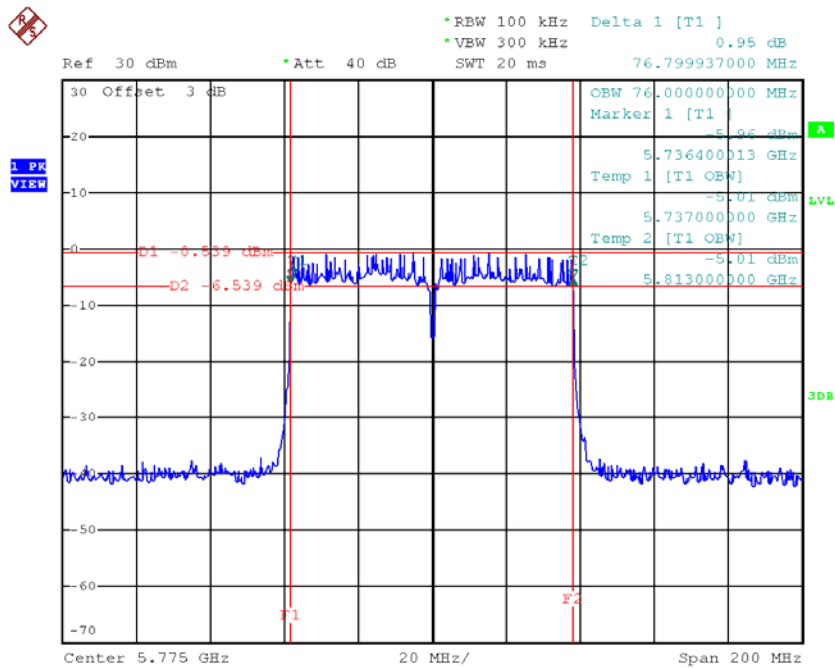


Date: 2.MAR.2018 14:32:57

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.80	76.00	>=500

TX CH 155



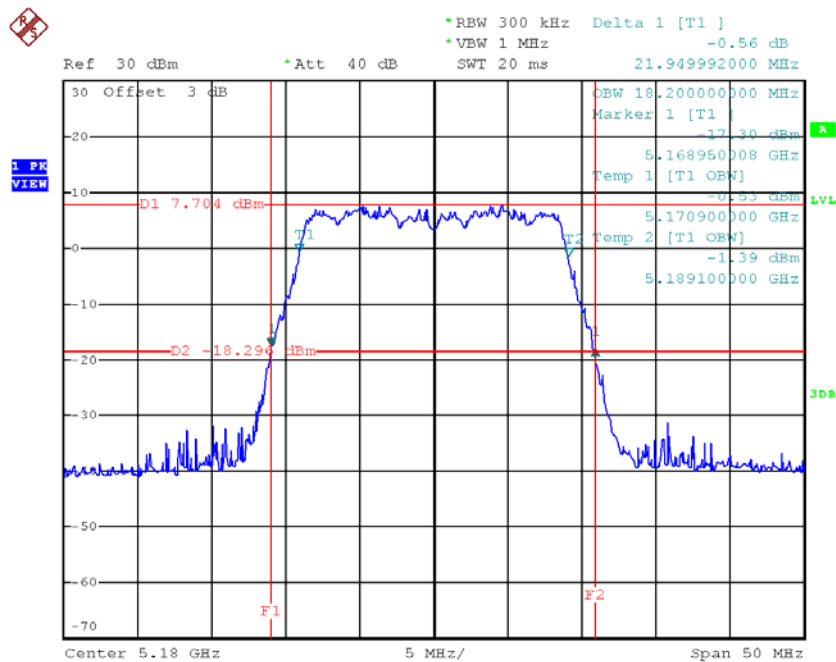
Date: 2.MAR.2018 15:27:22

Beamforming

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

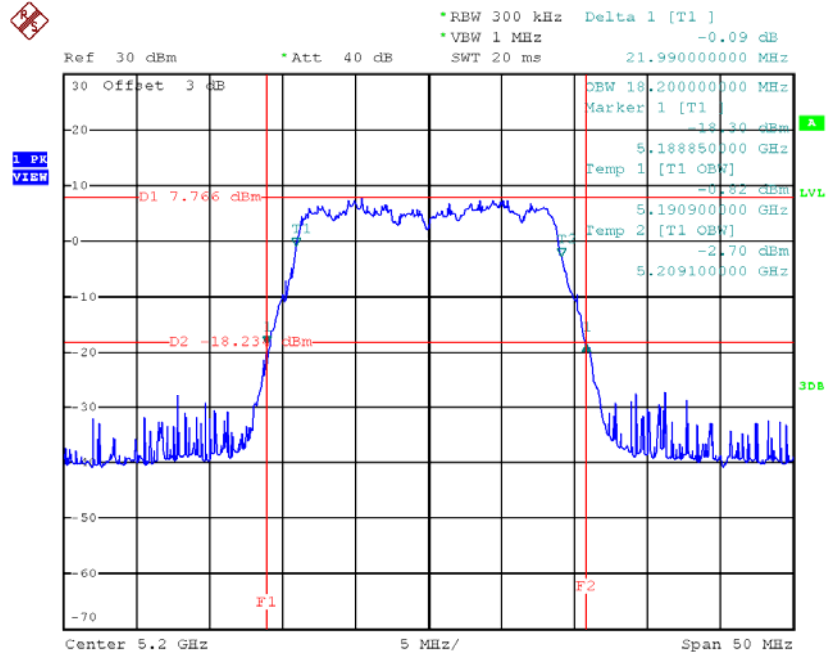
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.95	18.20
CH40	5200	21.99	18.20
CH48	5240	21.70	18.10

TX CH36



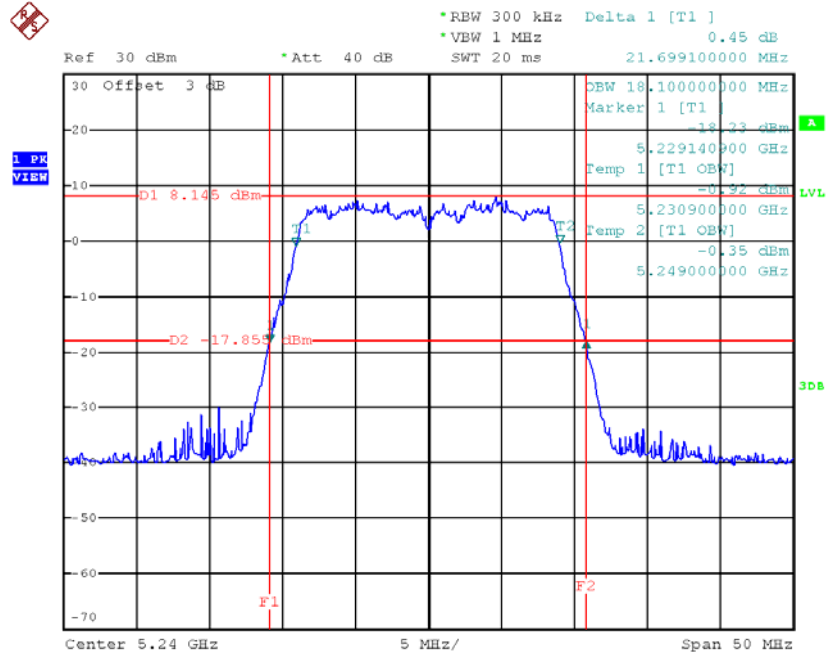
Date: 1.MAR.2018 17:16:58

TX CH40



Date: 1.MAR.2018 17:18:35

TX CH48

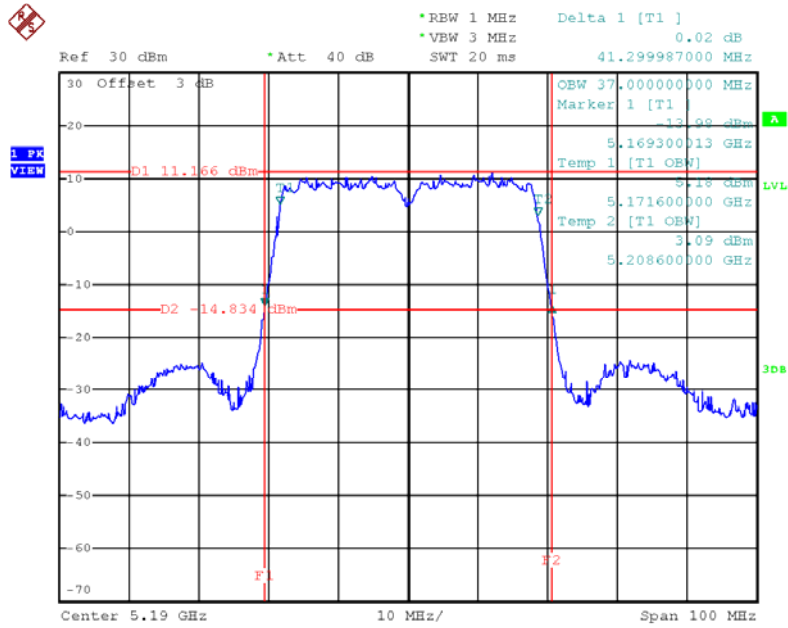


Date: 1.MAR.2018 17:20:16

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

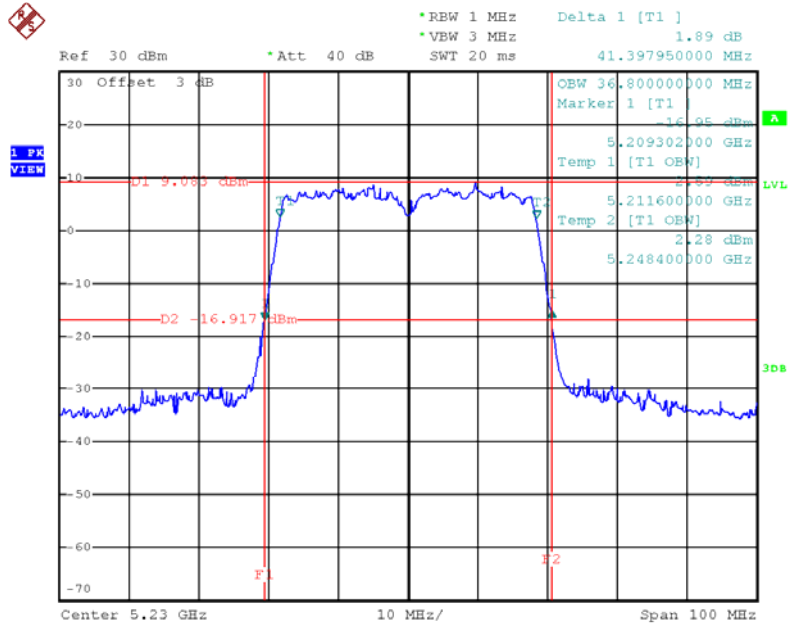
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	41.30	37.00
CH46	5230	41.40	36.80

TX CH38



Date: 2.MAR.2018 14:09:40

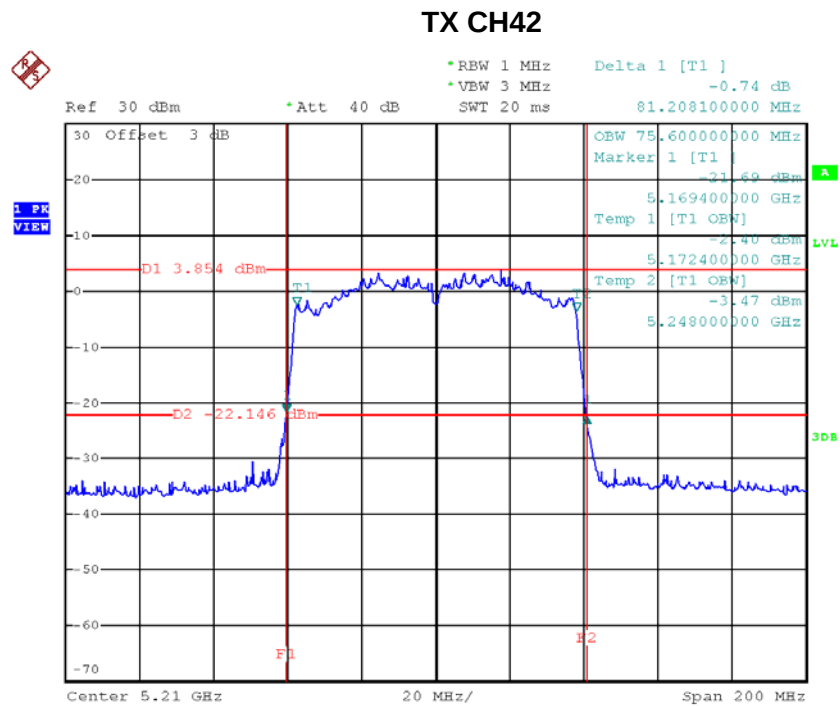
TX CH46



Date: 2.MAR.2018 14:10:34

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	81.21	75.60

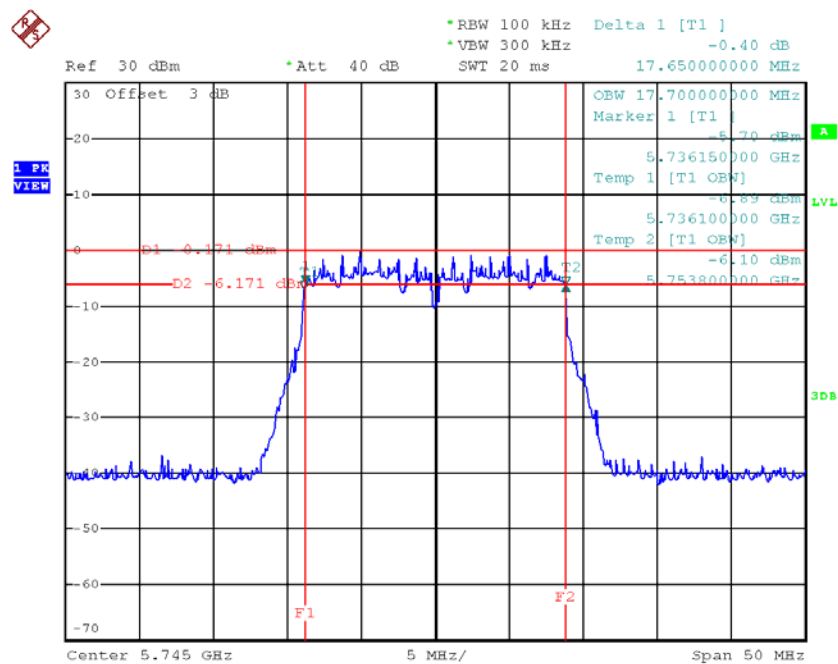


Date: 2.MAR.2018 14:57:19

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

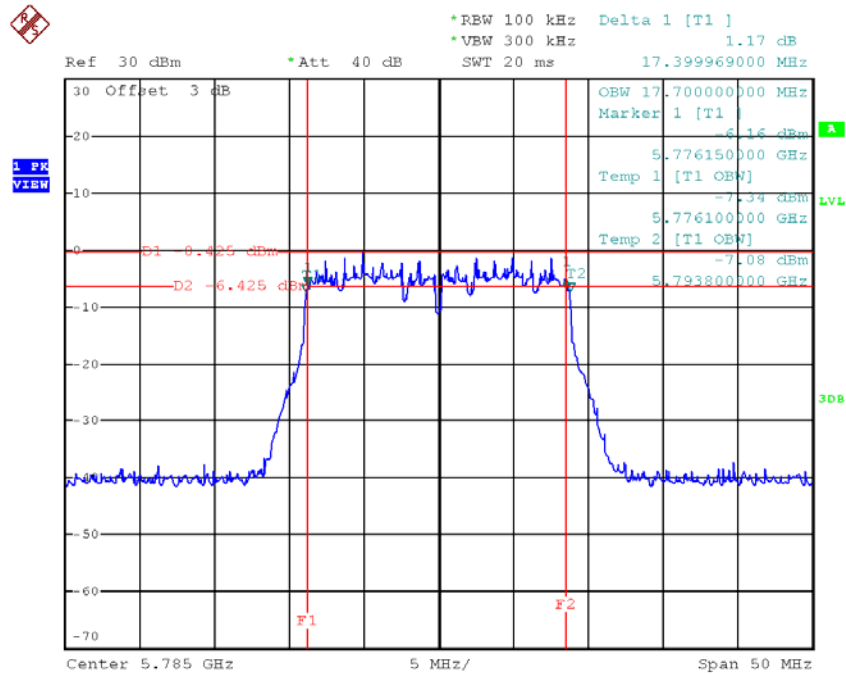
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.70	>=500
CH157	5785	17.40	17.70	>=500
CH165	5825	17.55	17.70	>=500

TX CH 149



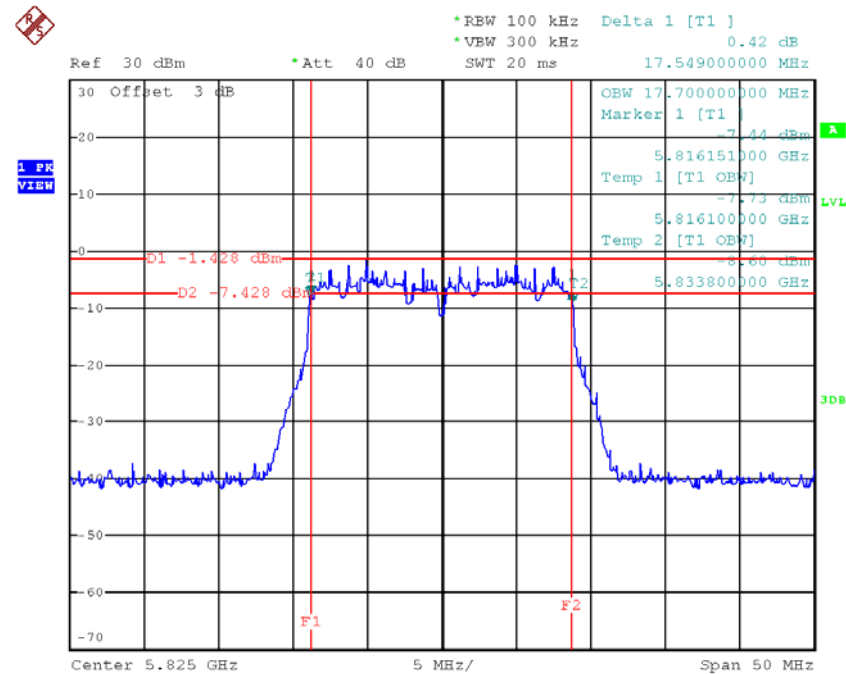
Date: 1.MAR.2018 19:20:53

TX CH 157



Date: 1.MAR.2018 19:21:56

TX CH 165

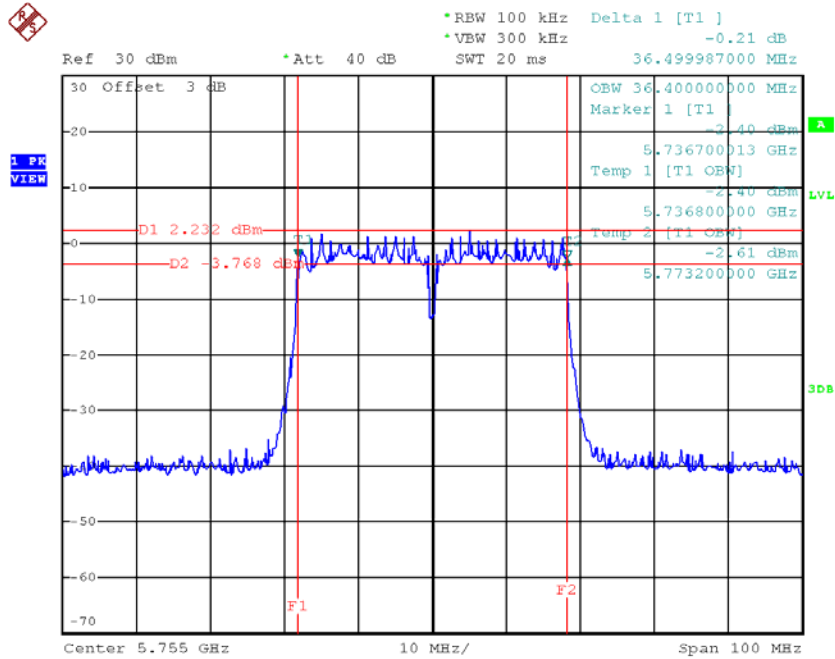


Date: 1.MAR.2018 19:23:24

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

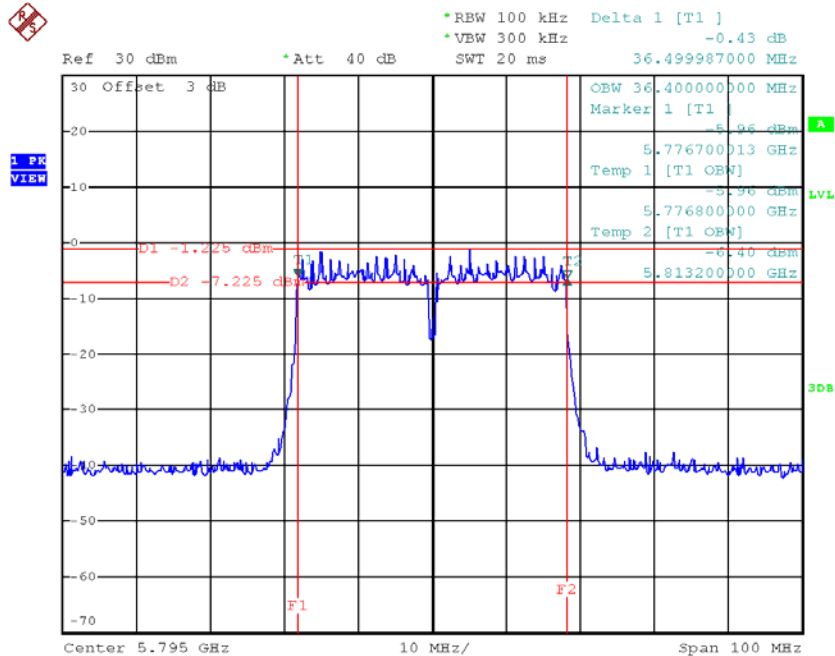
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	≥ 500
CH159	5795	36.50	36.40	≥ 500

TX CH 151



Date: 2.MAR.2018 14:31:03

TX CH 159

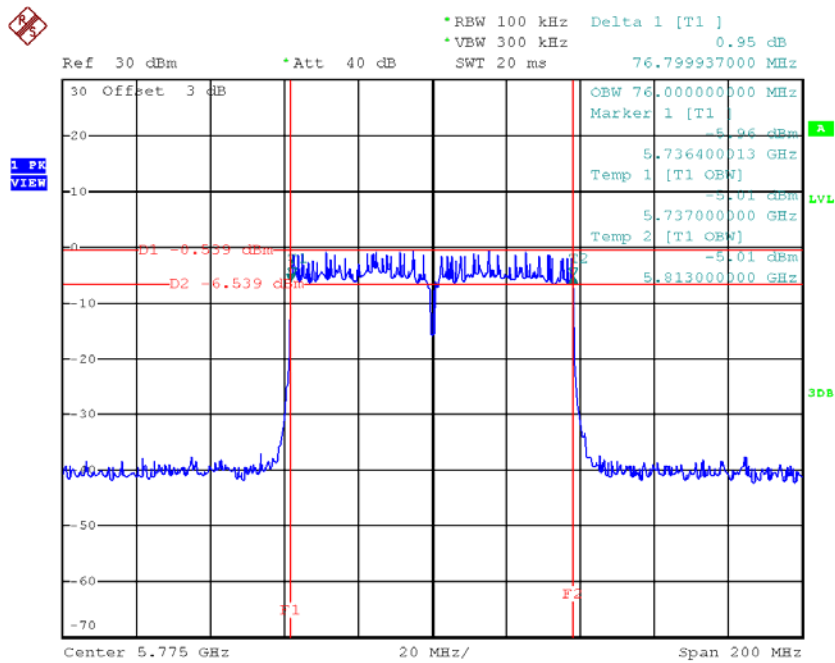


Date: 2.MAR.2018 14:32:57

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.80	76.00	>=500

TX CH 155



Date: 2.MAR.2018 15:27:22

APPENDIX F - MAXIMUM OUTPUT POWER

Non-Beamforming

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	15.21	0.25	15.46	27.18	0.52
CH40	5200	13.75	0.25	14.00	27.18	0.52
CH48	5240	13.78	0.25	14.03	27.18	0.52

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	15.55	0.25	15.80	27.18	0.52
CH40	5200	13.98	0.25	14.23	27.18	0.52
CH48	5240	14.02	0.25	14.27	27.18	0.52

Test Mode: UNII-1/TX A Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.35	0.25	15.60	27.18	0.52
CH40	5200	14.03	0.25	14.28	27.18	0.52
CH48	5240	14.11	0.25	14.36	27.18	0.52

Test Mode: UNII-1/TX A Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.74	0.25	15.99	27.18	0.52
CH40	5200	14.77	0.25	15.02	27.18	0.52
CH48	5240	14.84	0.25	15.09	27.18	0.52

Test Mode: UNII-1/TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	21.73	27.18	0.52
CH40	5200	20.42	27.18	0.52
CH48	5240	20.47	27.18	0.52

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	14.47	0.24	14.71	27.18	0.52
CH40	5200	13.66	0.24	13.90	27.18	0.52
CH48	5240	13.70	0.24	13.94	27.18	0.52

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	14.74	0.24	14.98	27.18	0.52
CH40	5200	13.74	0.24	13.98	27.18	0.52
CH48	5240	14.43	0.24	14.67	27.18	0.52

Test Mode: UNII-1/TX N20 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	14.78	0.24	15.02	27.18	0.52
CH40	5200	13.92	0.24	14.16	27.18	0.52
CH48	5240	14.07	0.24	14.31	27.18	0.52

Test Mode: UNII-1/TX N20 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.25	15.49	15.25	27.18	0.52
CH40	5200	14.56	14.80	14.56	27.18	0.52
CH48	5240	14.64	14.88	14.64	27.18	0.52

Test Mode: UNII-1/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	21.08	27.18	0.52
CH40	5200	20.25	27.18	0.52
CH48	5240	20.49	27.18	0.52

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	17.03	0.57	17.60	27.18	0.52
CH46	5230	14.51	0.57	15.08	27.18	0.52

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	17.17	0.57	17.74	27.18	0.52
CH46	5230	14.77	0.57	15.34	27.18	0.52

Test Mode: UNII-1/TX N40 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	17.02	0.57	17.59	27.18	0.52
CH46	5230	14.46	0.57	15.03	27.18	0.52

Test Mode: UNII-1/TX N40 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	17.74	0.57	18.31	27.18	0.52
CH46	5230	15.42	0.57	15.99	27.18	0.52

Test Mode: UNII-1/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.84	27.18	0.52
CH46	5230	21.40	27.18	0.52

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	8.85	0.25	9.10	27.18	0.52
CH157	5785	9.16	0.25	9.41	27.18	0.52
CH165	5825	8.57	0.25	8.82	27.18	0.52

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	9.06	0.25	9.31	27.18	0.52
CH157	5785	9.18	0.25	9.43	27.18	0.52
CH165	5825	8.50	0.25	8.75	27.18	0.52

Test Mode: UNII-3/ TX A Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	8.64	0.25	8.89	27.18	0.52
CH157	5785	8.84	0.25	9.09	27.18	0.52
CH165	5825	8.33	0.25	8.58	27.18	0.52

Test Mode: UNII-3/ TX A Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	10.96	0.25	11.21	27.18	0.52
CH157	5785	10.86	0.25	11.11	27.18	0.52
CH165	5825	10.26	0.25	10.51	27.18	0.52

Test Mode: UNII-3/ TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.75	27.18	0.52
CH157	5785	15.85	27.18	0.52
CH165	5825	15.26	27.18	0.52

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	8.85	0.24	9.09	27.18	0.52
CH157	5785	9.08	0.24	9.32	27.18	0.52
CH165	5825	8.30	0.24	8.54	27.18	0.52

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	9.06	0.24	9.30	27.18	0.52
CH157	5785	9.12	0.24	9.36	27.18	0.52
CH165	5825	8.54	0.24	8.78	27.18	0.52

Test Mode: UNII-3/TX N20 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	8.54	0.24	8.78	27.18	0.52
CH157	5785	8.76	0.24	9.00	27.18	0.52
CH165	5825	8.22	0.24	8.46	27.18	0.52

Test Mode: UNII-3/TX N20 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	10.92	0.24	11.16	27.18	0.52
CH157	5785	10.81	0.24	11.05	27.18	0.52
CH165	5825	10.24	0.24	10.48	27.18	0.52

Test Mode: UNII-3/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.71	27.18	0.52
CH157	5785	15.78	27.18	0.52
CH165	5825	15.17	27.18	0.52

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	11.46	0.57	12.03	27.18	0.52
CH159	5795	11.13	0.57	11.70	27.18	0.52

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	11.45	0.57	12.02	27.18	0.52
CH159	5795	11.04	0.57	11.61	27.18	0.52

Test Mode: UNII-3/ TX N40 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	11.17	0.57	11.74	27.18	0.52
CH159	5795	10.64	0.57	11.21	27.18	0.52

Test Mode: UNII-3/ TX N40 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	12.95	0.57	13.52	27.18	0.52
CH159	5795	12.56	0.57	13.13	27.18	0.52

Test Mode: UNII-3/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	18.41	27.18	0.52
CH159	5795	18.00	27.18	0.52

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	14.56	0.32	14.88	27.18	0.52
CH40	5200	13.61	0.32	13.93	27.18	0.52
CH48	5240	13.73	0.32	14.05	27.18	0.52

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	14.79	0.32	15.11	27.18	0.52
CH40	5200	13.62	0.32	13.94	27.18	0.52
CH48	5240	14.34	0.32	14.66	27.18	0.52

Test Mode: UNII-1/TX AC20 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	14.72	0.32	15.04	27.18	0.52
CH40	5200	13.88	0.32	14.20	27.18	0.52
CH48	5240	14.12	0.32	14.44	27.18	0.52

Test Mode: UNII-1/TX AC20 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.15	0.32	15.47	27.18	0.52
CH40	5200	14.55	0.32	14.87	27.18	0.52
CH48	5240	14.64	0.32	14.96	27.18	0.52

Test Mode: UNII-1/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	21.15	27.18	0.52
CH40	5200	20.27	27.18	0.52
CH48	5240	20.56	27.18	0.52

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	13.92	1.07	14.99	27.18	0.52
CH46	5230	10.89	1.07	11.96	27.18	0.52

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	14.35	1.07	15.42	27.18	0.52
CH46	5230	11.22	1.07	12.29	27.18	0.52

Test Mode: UNII-1/TX AC40 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	14.01	1.07	15.08	27.18	0.52
CH46	5230	10.95	1.07	12.02	27.18	0.52

Test Mode: UNII-1/TX AC40 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	15.03	1.07	16.10	27.18	0.52
CH46	5230	12.23	1.07	13.30	27.18	0.52

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.44	27.18	0.52
CH46	5230	18.45	27.18	0.52

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	11.13	1.65	12.78	27.18	0.52

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	11.22	1.65	12.87	27.18	0.52

Test Mode: UNII-1/TX AC80 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	11.34	1.65	12.99	27.18	0.52

Test Mode: UNII-1/TX AC80 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	11.85	1.65	13.50	27.18	0.52

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	19.06	27.18	0.52

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	8.82	0.32	9.14	27.18	0.52
CH157	5785	8.95	0.32	9.27	27.18	0.52
CH165	5825	8.33	0.32	8.65	27.18	0.52

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	9.12	0.32	9.44	27.18	0.52
CH157	5785	9.06	0.32	9.38	27.18	0.52
CH165	5825	8.51	0.32	8.83	27.18	0.52

Test Mode: UNII-3/TX AC20 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	8.49	0.32	8.81	27.18	0.52
CH157	5785	8.62	0.32	8.94	27.18	0.52
CH165	5825	8.16	0.32	8.48	27.18	0.52

Test Mode: UNII-3/TX AC20 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	10.85	0.32	11.17	27.18	0.52
CH157	5785	10.76	0.32	11.08	27.18	0.52
CH165	5825	10.28	0.32	10.60	27.18	0.52

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.76	27.18	0.52
CH157	5785	15.77	27.18	0.52
CH165	5825	15.25	27.18	0.52

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	13.43	1.07	14.50	27.18	0.52
CH159	5795	11.16	1.07	12.23	27.18	0.52

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	13.37	1.07	14.44	27.18	0.52
CH159	5795	11.28	1.07	12.35	27.18	0.52

Test Mode: UNII-3/TX AC40 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	13.45	1.07	14.52	27.18	0.52
CH159	5795	10.94	1.07	12.01	27.18	0.52

Test Mode: UNII-3/TX AC40 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	14.82	1.07	15.89	27.18	0.52
CH159	5795	12.50	1.07	13.57	27.18	0.52

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	20.91	27.18	0.52
CH159	5795	18.61	27.18	0.52

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	14.72	1.65	16.37	27.18	0.52

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	14.76	1.65	16.41	27.18	0.52

Test Mode: UNII-3/TX AC80 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	14.61	1.65	16.26	27.18	0.52

Test Mode: UNII-3/TX AC80 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	15.59	1.65	17.24	27.18	0.52

Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	22.61	27.18	0.52

Beamforming

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	14.56	0.32	14.88	27.20	0.52
CH40	5200	13.61	0.32	13.93	27.20	0.52
CH48	5240	13.73	0.32	14.05	27.20	0.52

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	14.79	0.32	15.11	27.20	0.52
CH40	5200	13.62	0.32	13.94	27.20	0.52
CH48	5240	14.34	0.32	14.66	27.20	0.52

Test Mode: UNII-1/TX AC20 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	14.72	0.32	15.04	27.20	0.52
CH40	5200	13.88	0.32	14.20	27.20	0.52
CH48	5240	14.12	0.32	14.44	27.20	0.52

Test Mode: UNII-1/TX AC20 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.15	0.32	15.47	27.20	0.52
CH40	5200	14.55	0.32	14.87	27.20	0.52
CH48	5240	14.64	0.32	14.96	27.20	0.52

Test Mode: UNII-1/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	21.15	27.20	0.52
CH40	5200	20.27	27.20	0.52
CH48	5240	20.56	27.20	0.52

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	13.92	1.07	14.99	27.20	0.52
CH46	5230	10.89	1.07	11.96	27.20	0.52

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	14.35	1.07	15.42	27.20	0.52
CH46	5230	11.22	1.07	12.29	27.20	0.52

Test Mode: UNII-1/TX AC40 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	14.01	1.07	15.08	27.20	0.52
CH46	5230	10.95	1.07	12.02	27.20	0.52

Test Mode: UNII-1/TX AC40 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	15.03	1.07	16.10	27.20	0.52
CH46	5230	12.23	1.07	13.30	27.20	0.52

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.44	27.20	0.52
CH46	5230	18.45	27.20	0.52

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	11.13	1.65	12.78	27.20	0.52

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	11.22	1.65	12.87	27.20	0.52

Test Mode: UNII-1/TX AC80 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	11.34	1.65	12.99	27.20	0.52

Test Mode: UNII-1/TX AC80 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	11.85	1.65	13.50	27.20	0.52

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	19.06	27.20	0.52

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	8.82	0.32	9.14	27.20	0.52
CH157	5785	8.95	0.32	9.27	27.20	0.52
CH165	5825	8.33	0.32	8.65	27.20	0.52

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	9.12	0.32	9.44	27.20	0.52
CH157	5785	9.06	0.32	9.38	27.20	0.52
CH165	5825	8.51	0.32	8.83	27.20	0.52

Test Mode: UNII-3/TX AC20 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	8.49	0.32	8.81	27.20	0.52
CH157	5785	8.62	0.32	8.94	27.20	0.52
CH165	5825	8.16	0.32	8.48	27.20	0.52

Test Mode: UNII-3/TX AC20 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	10.85	0.32	11.17	27.20	0.52
CH157	5785	10.76	0.32	11.08	27.20	0.52
CH165	5825	10.28	0.32	10.60	27.20	0.52

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.76	27.20	0.52
CH157	5785	15.77	27.20	0.52
CH165	5825	15.25	27.20	0.52

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	13.43	1.07	14.50	27.20	0.52
CH159	5795	11.16	1.07	12.23	27.20	0.52

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	13.37	1.07	14.44	27.20	0.52
CH159	5795	11.28	1.07	12.35	27.20	0.52

Test Mode: UNII-3/TX AC40 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	13.45	1.07	14.52	27.20	0.52
CH159	5795	10.94	1.07	12.01	27.20	0.52

Test Mode: UNII-3/TX AC40 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	14.82	1.07	15.89	27.20	0.52
CH159	5795	12.50	1.07	13.57	27.20	0.52

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	20.91	27.20	0.52
CH159	5795	18.61	27.20	0.52

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	14.72	1.65	16.37	27.20	0.52

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	14.76	1.65	16.41	27.20	0.52

Test Mode: UNII-3/TX AC80 Mode_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	14.61	1.65	16.26	27.20	0.52

Test Mode: UNII-3/TX AC80 Mode_ANT 4

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	15.59	1.65	17.24	27.20	0.52

Test Mode: UNII-3/TX AC80 Mode_Total

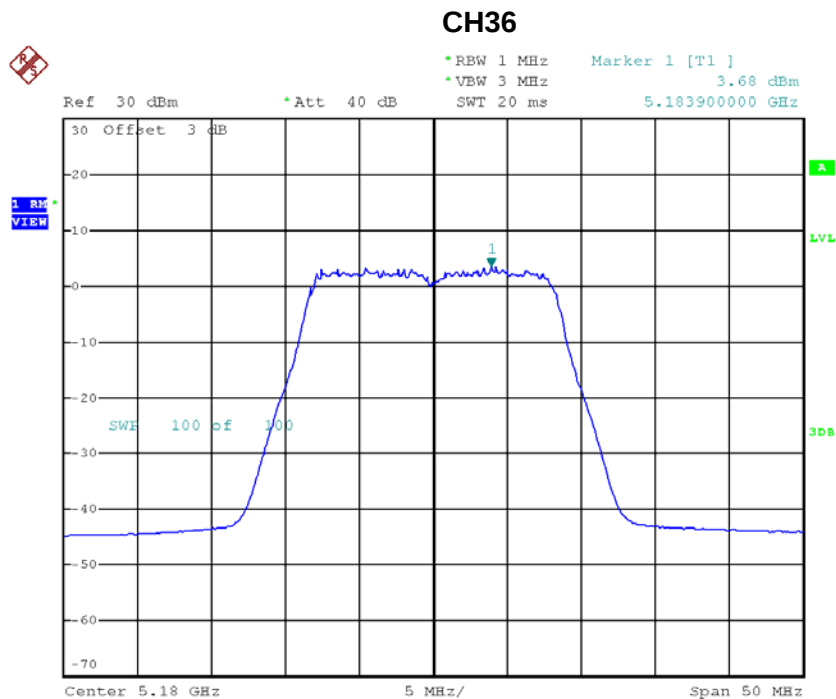
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	22.61	27.20	0.52

APPENDIX G - POWER SPECTRAL DENSITY

Non-Beamforming

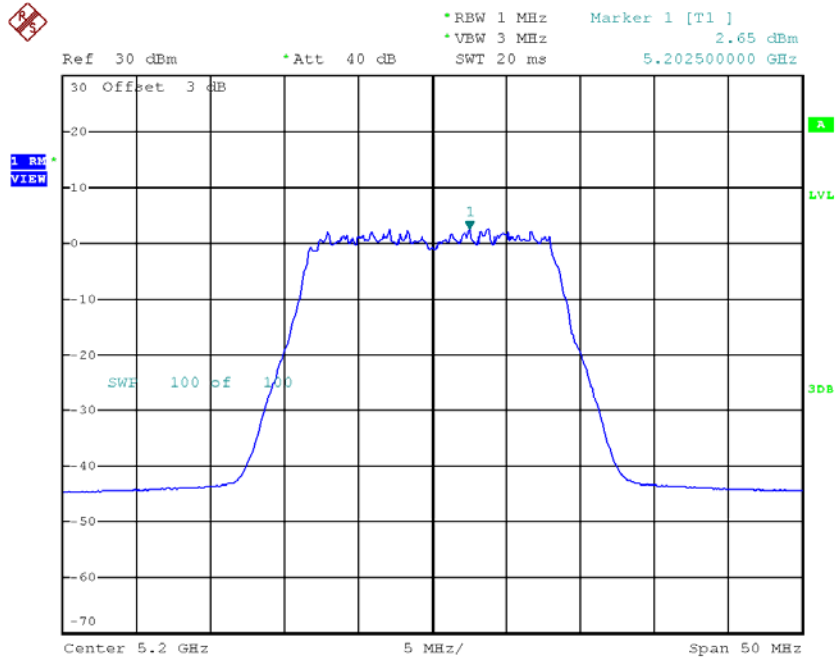
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.68	0.25	3.93	14.18
CH40	5200	2.65	0.25	2.90	14.18
CH48	5240	2.54	0.25	2.79	14.18



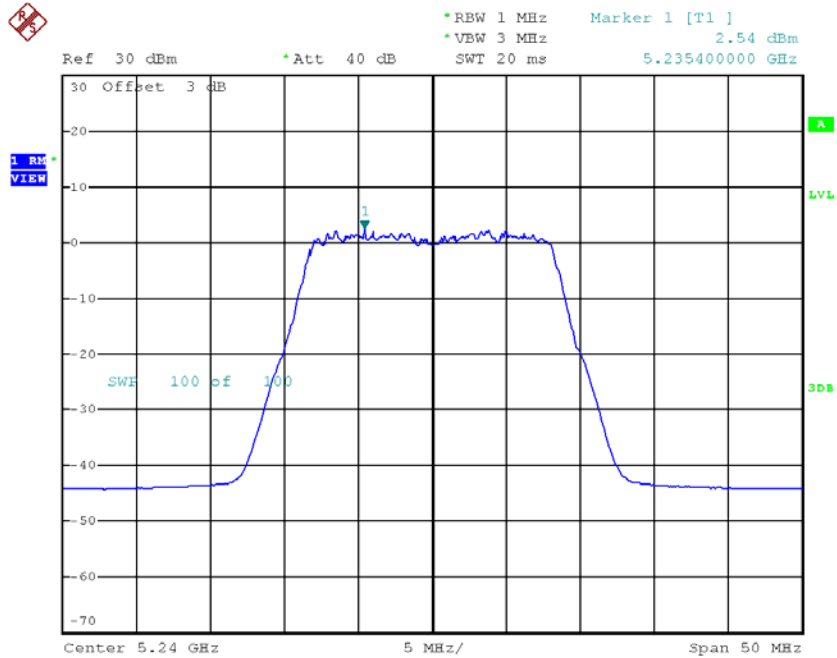
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CH40



Date: 1.MAR.2018 11:23:59

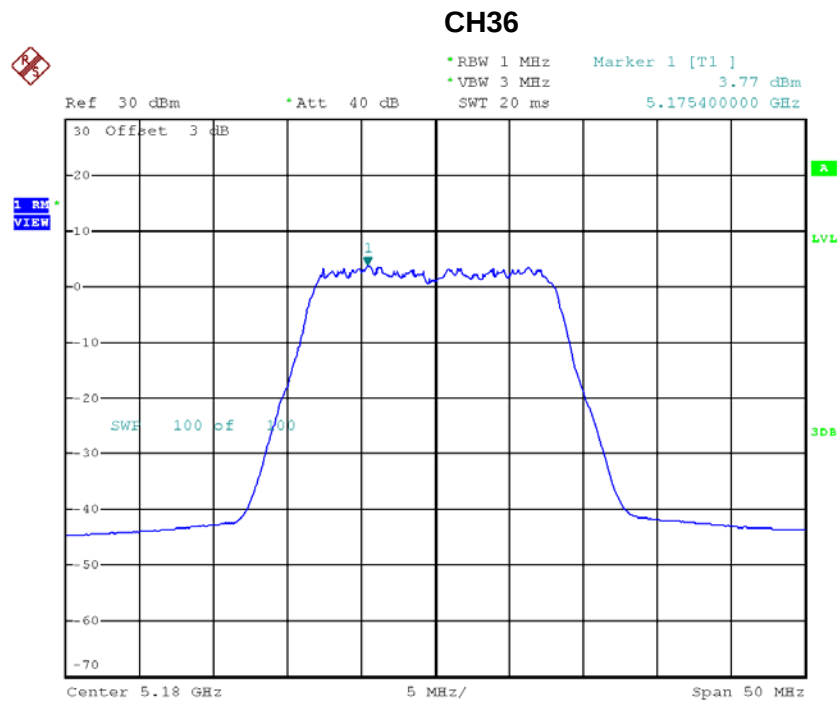
CH48



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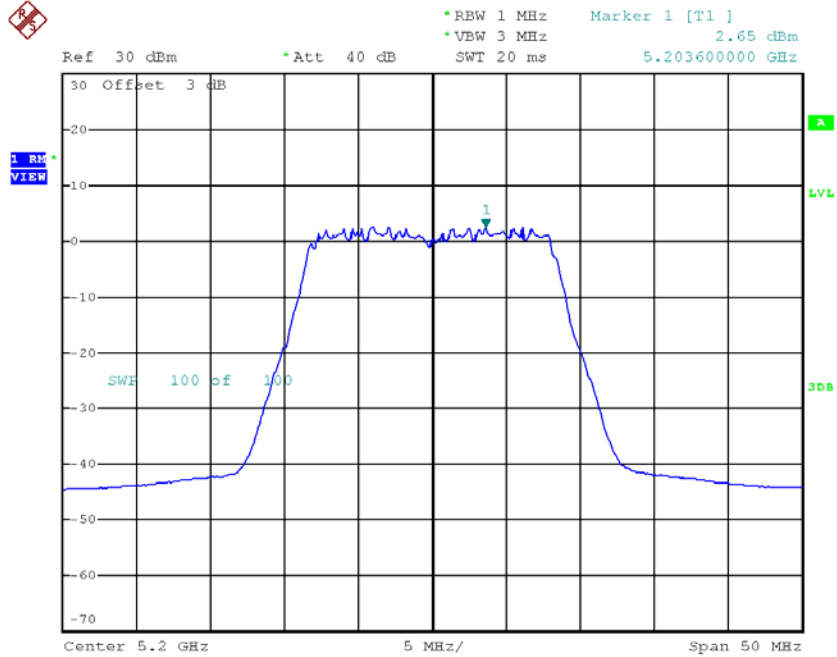
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.77	0.25	4.02	14.18
CH40	5200	2.65	0.25	2.90	14.18
CH48	5240	3.19	0.25	3.44	14.18



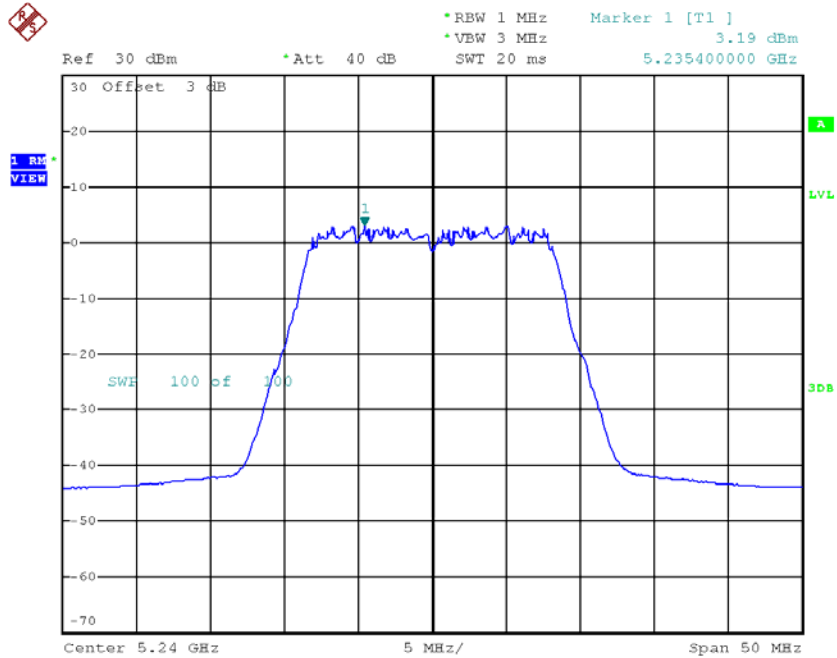
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CH40



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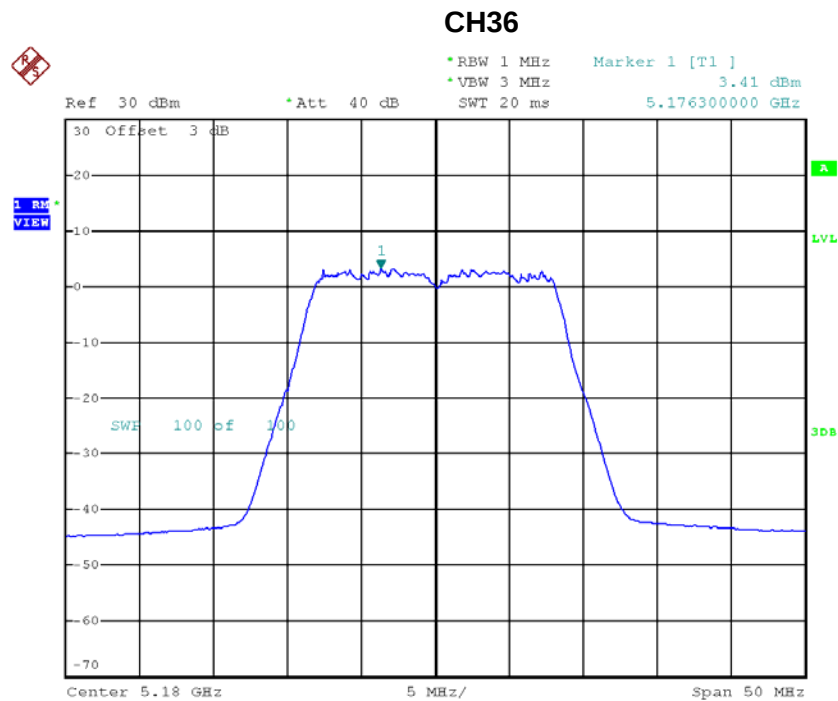
CH48



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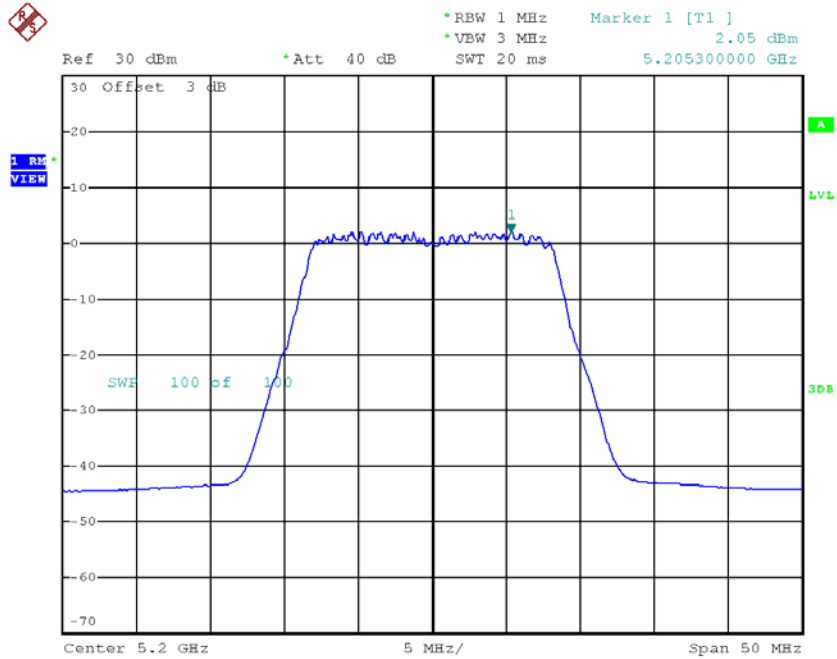
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 3

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.41	0.25	3.66	14.18
CH40	5200	2.05	0.25	2.30	14.18
CH48	5240	2.98	0.25	3.23	14.18



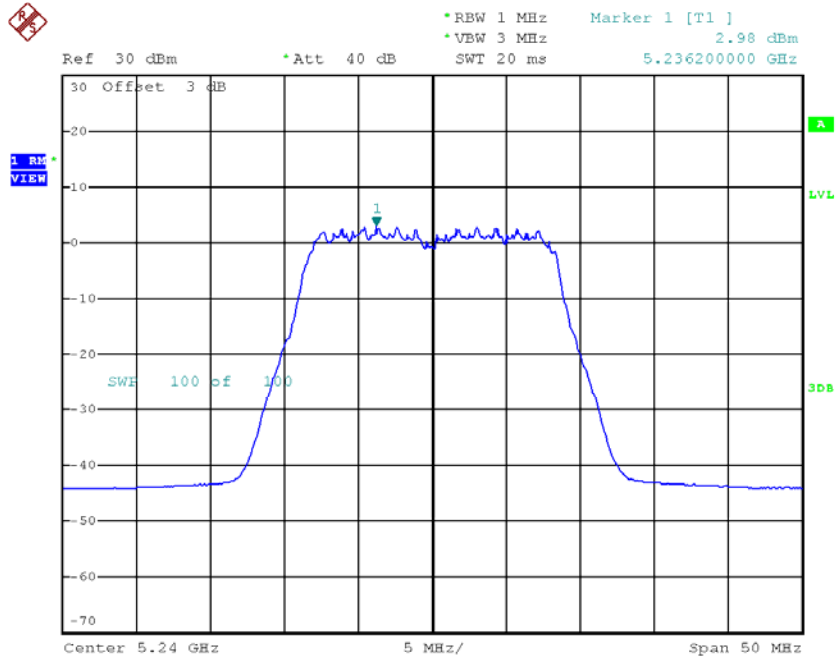
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CH40



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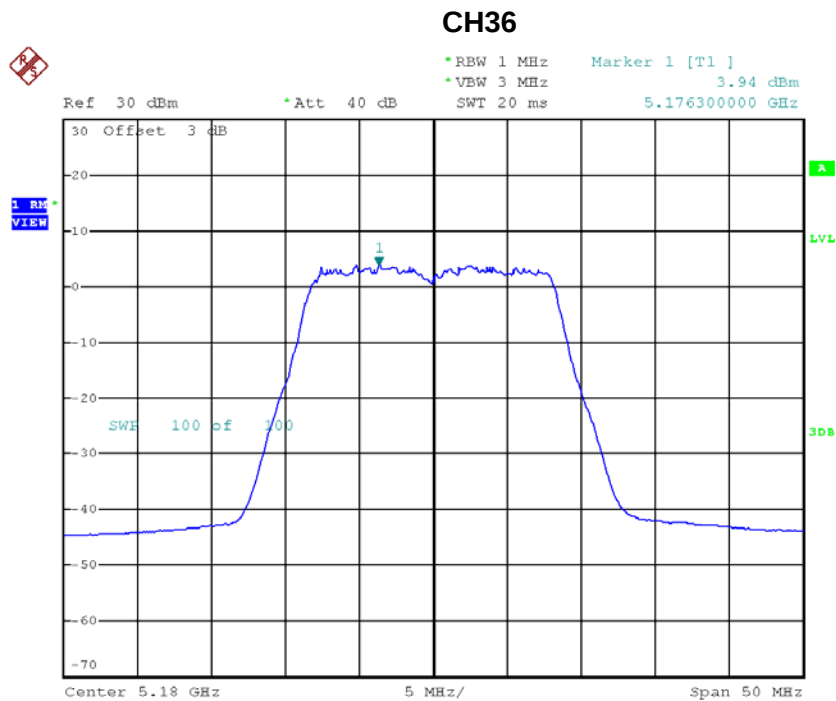
CH48



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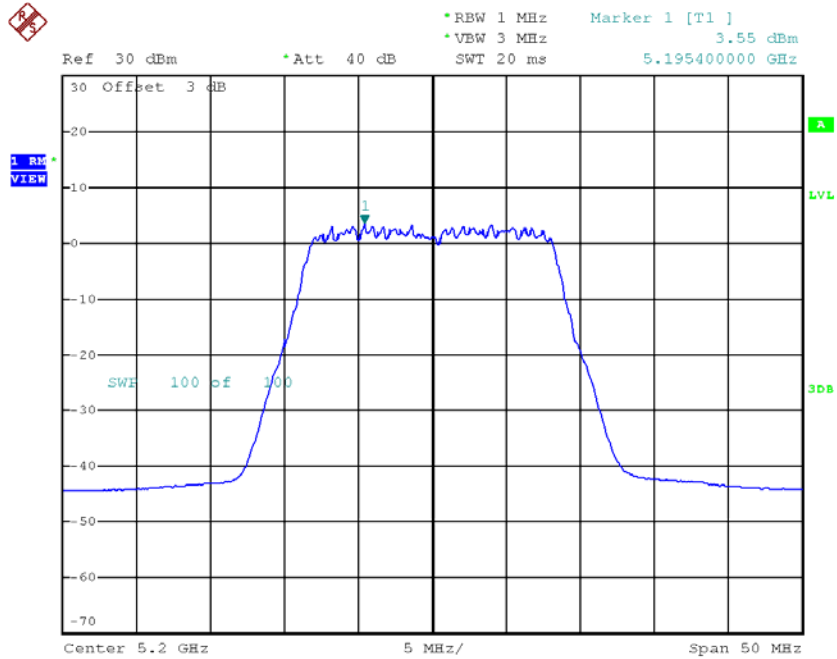
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 4

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.94	0.25	4.19	14.18
CH40	5200	3.55	0.25	3.80	14.18
CH48	5240	3.90	0.25	4.15	14.18



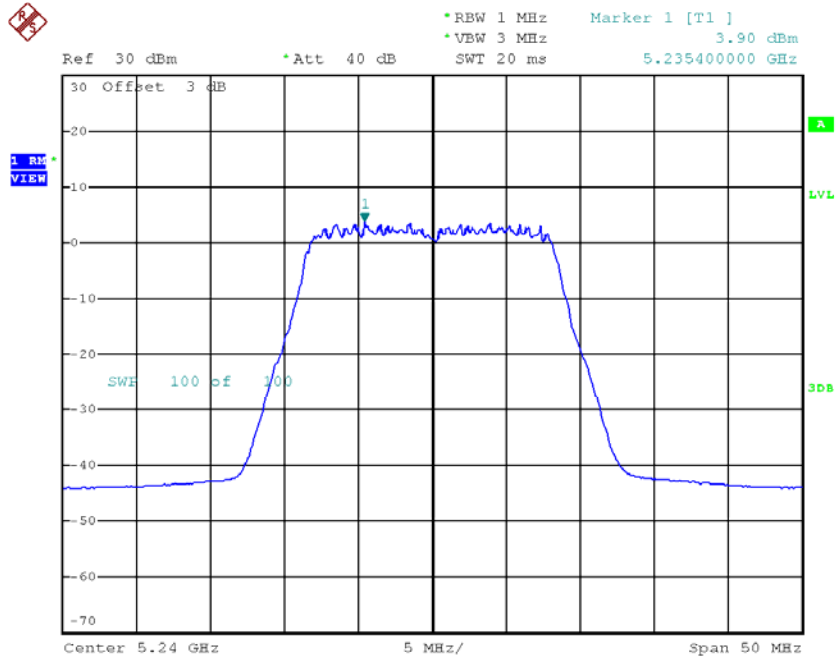
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CH40



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CH48



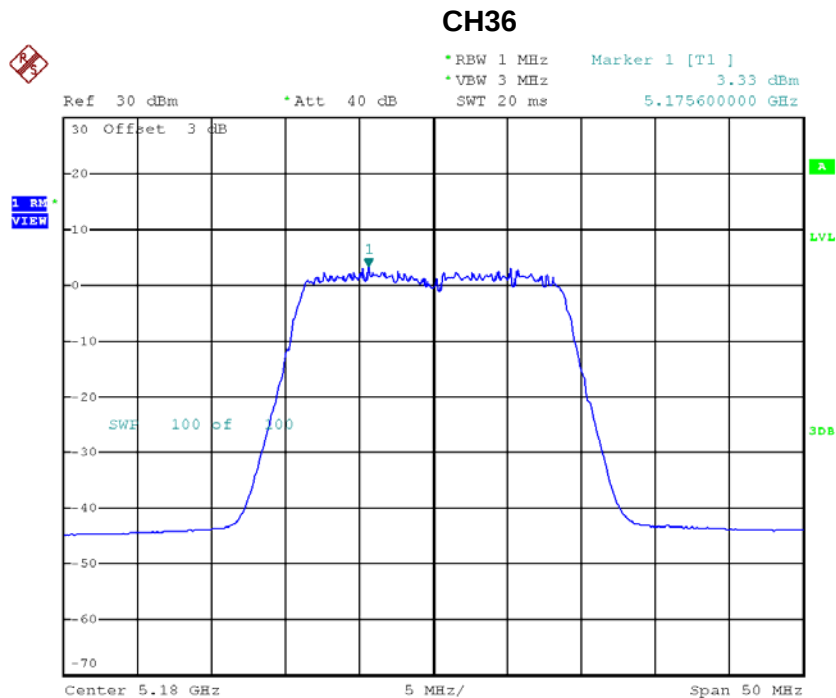
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Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.97	14.18
CH40	5200	9.03	14.18
CH48	5240	9.45	14.18

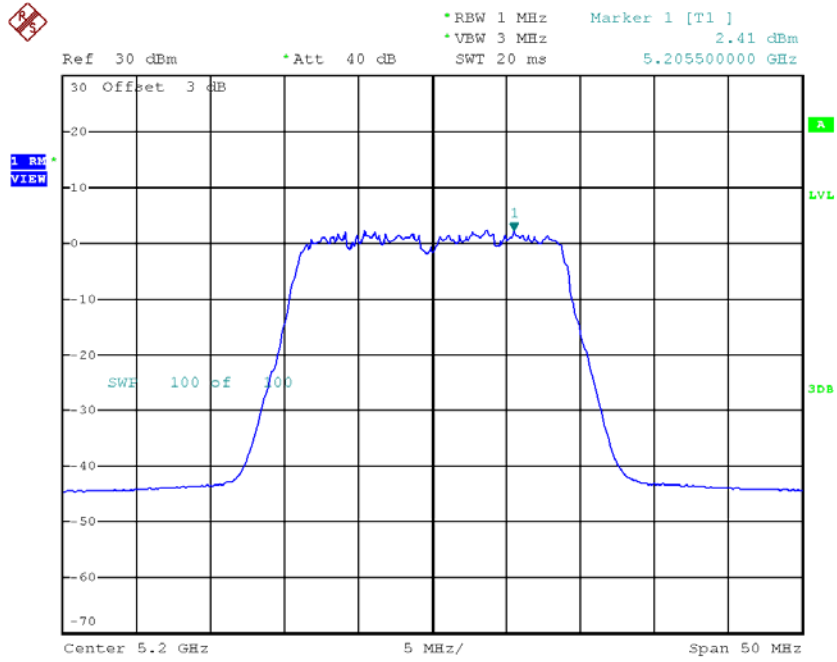
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.33	0.24	3.57	14.18
CH40	5200	2.41	0.24	2.65	14.18
CH48	5240	2.72	0.24	2.96	14.18



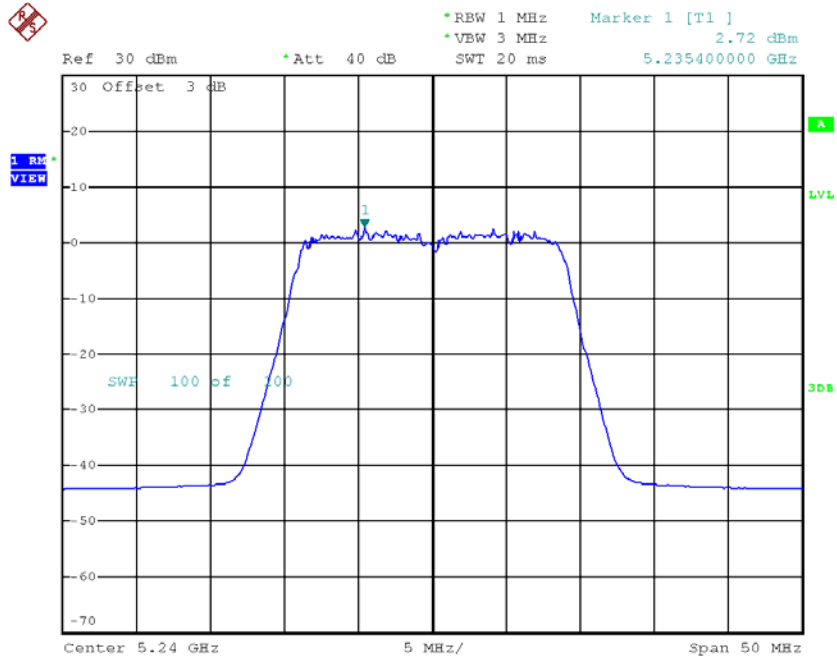
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CH40



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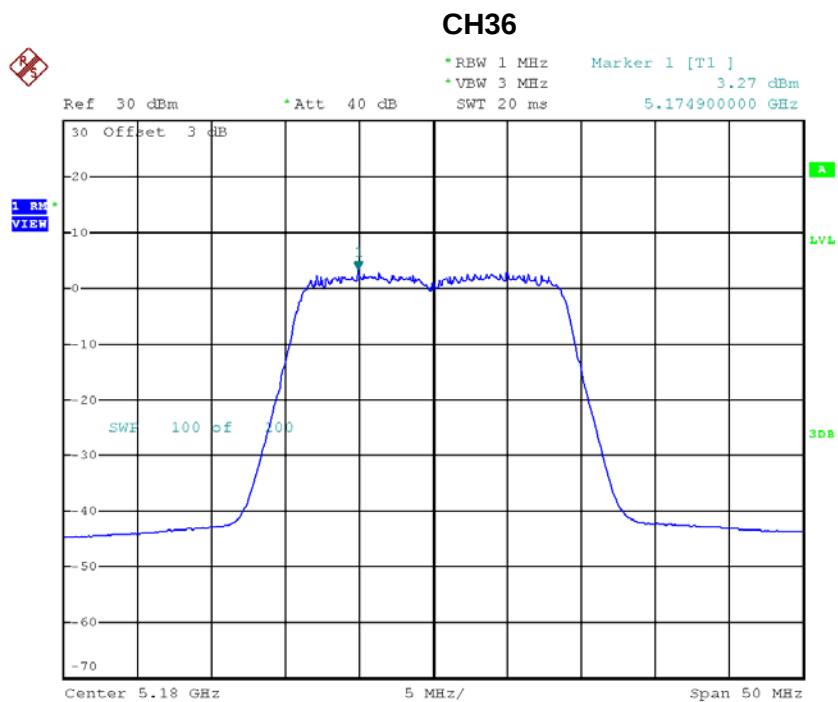
CH48



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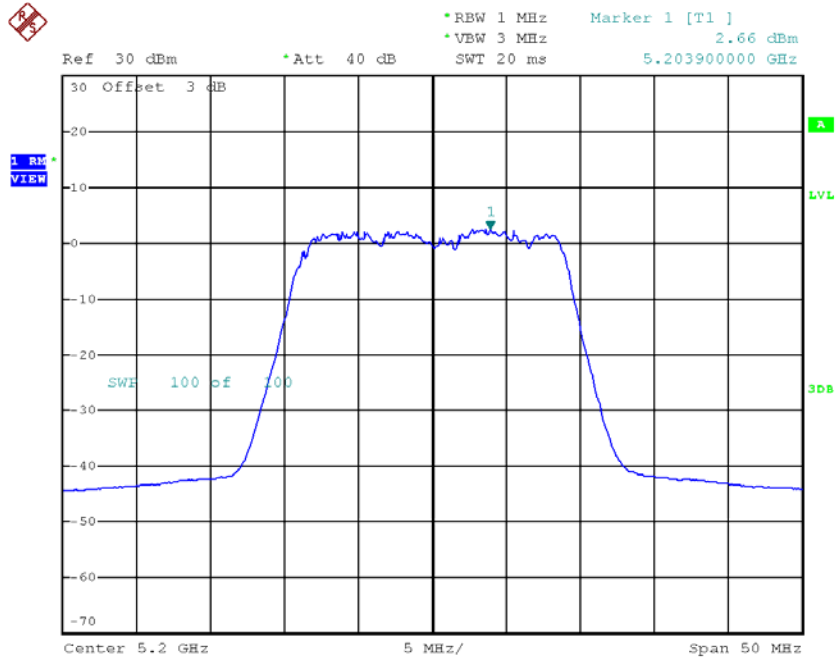
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.27	0.24	3.51	14.18
CH40	5200	2.66	0.24	2.90	14.18
CH48	5240	2.75	0.24	2.99	14.18



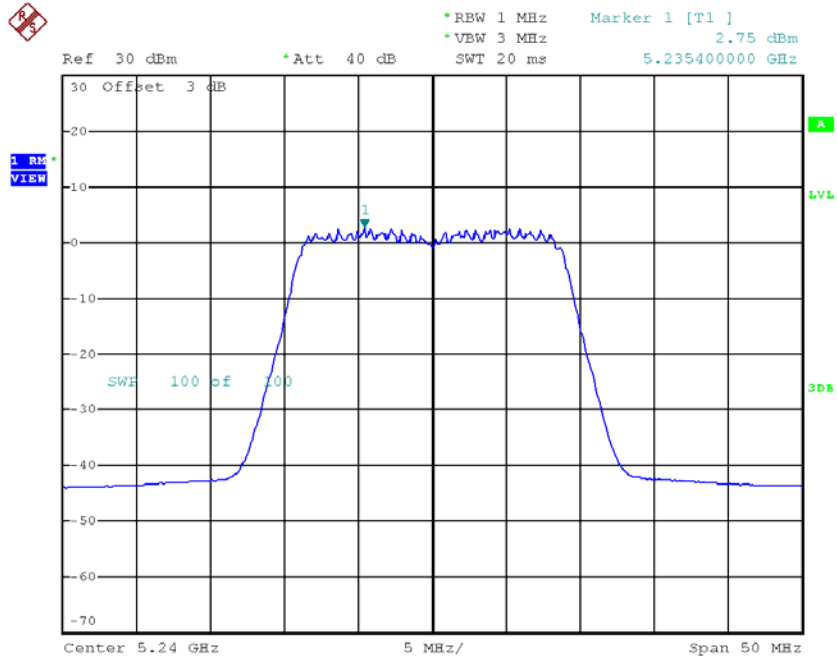
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CH40



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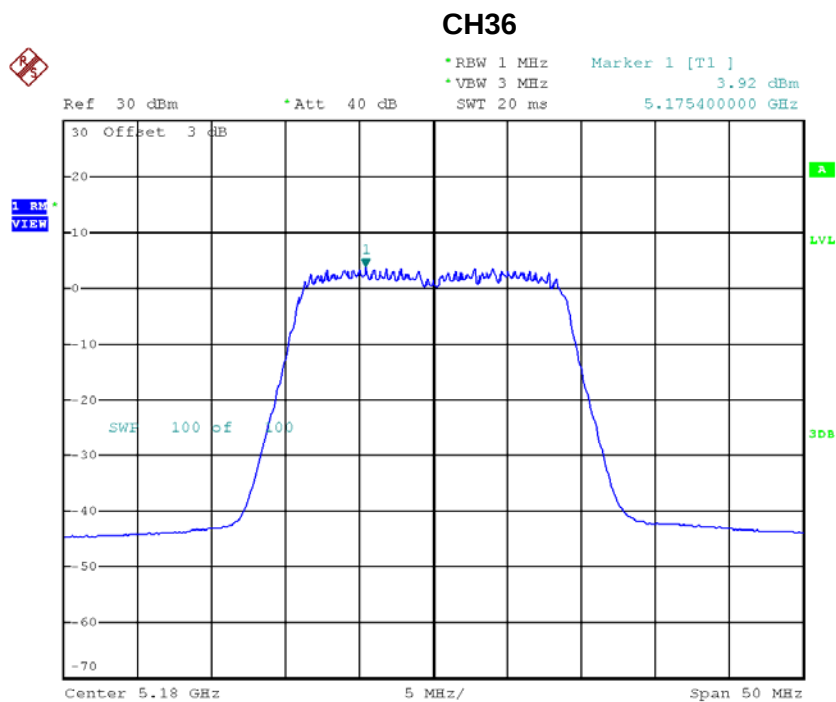
CH48



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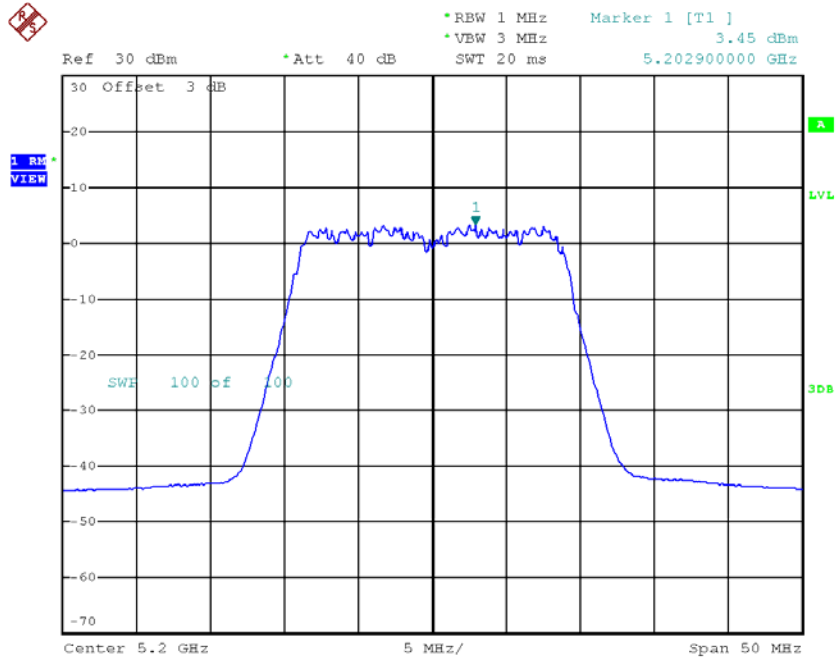
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 3

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.92	0.24	4.16	14.18
CH40	5200	3.45	0.24	3.69	14.18
CH48	5240	3.66	0.24	3.90	14.18



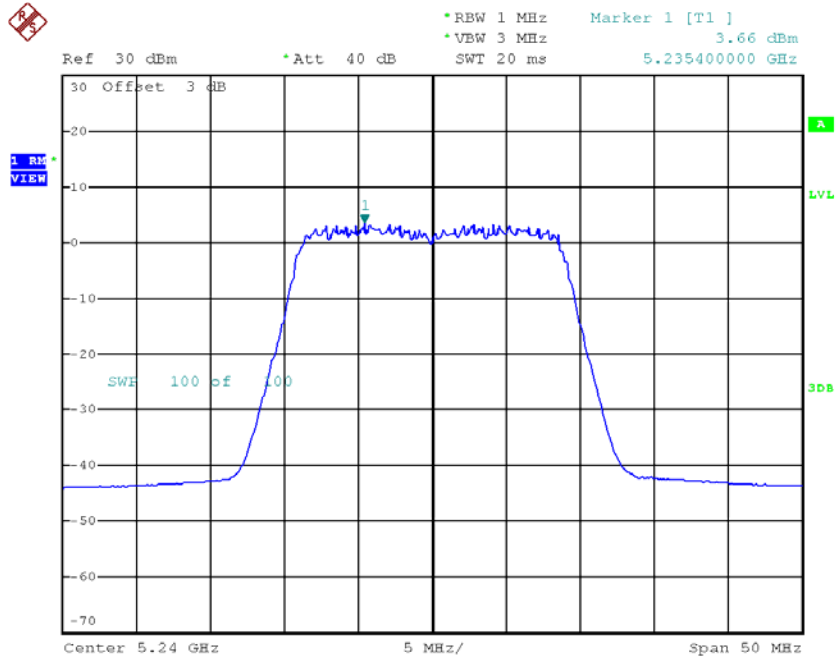
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CH40



Date: 1.MAR.2018 14:31:51

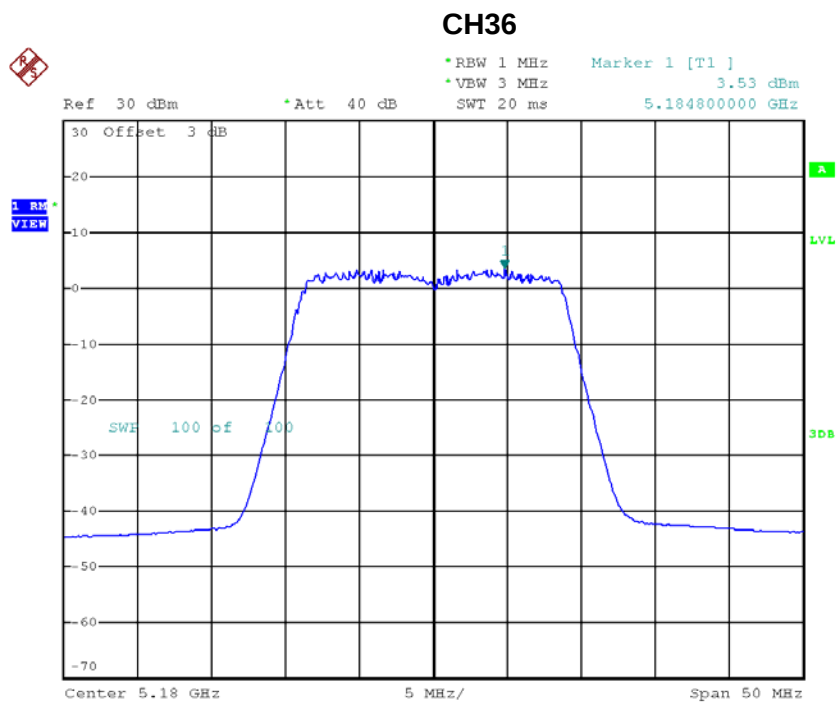
CH48



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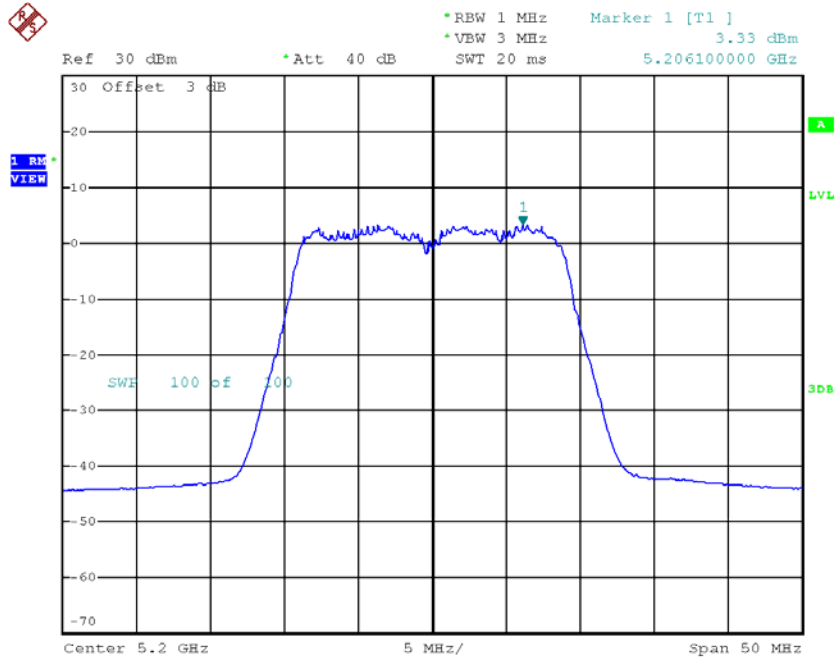
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 4

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.53	0.24	3.77	14.18
CH40	5200	3.33	0.24	3.57	14.18
CH48	5240	3.68	0.24	3.92	14.18



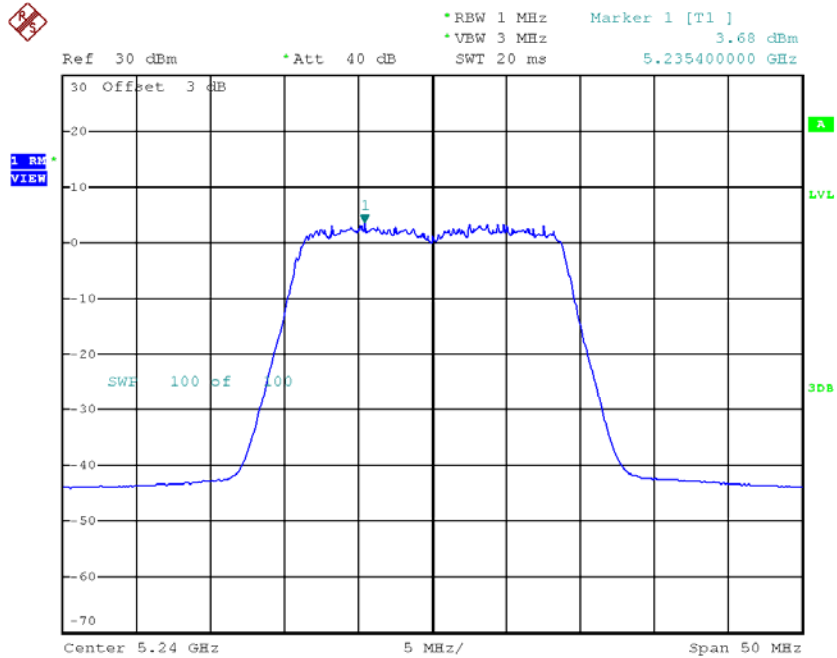
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CH40



Date: 1.MAR.2018 14:14:05

CH48



Date: 1.MAR.2018 14:15:05

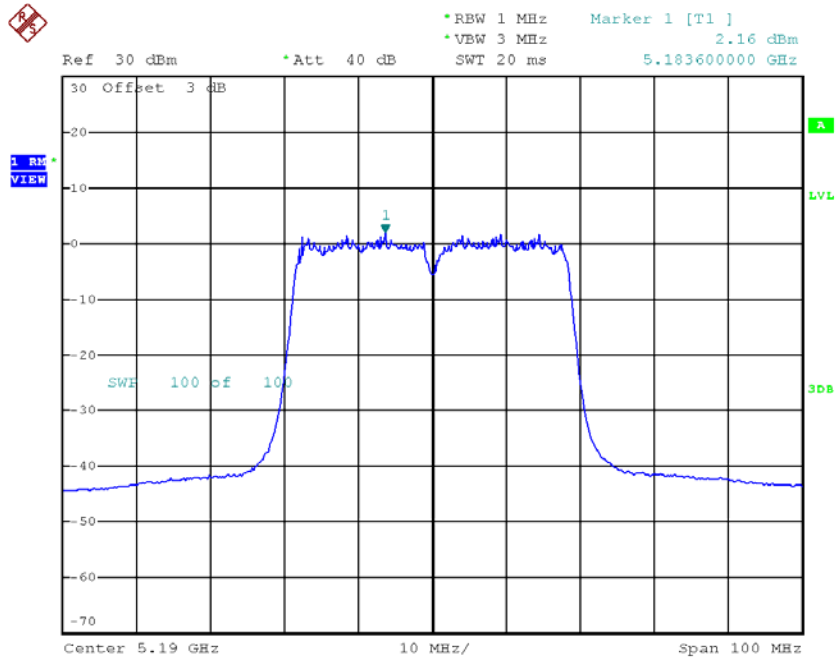
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.78	14.18
CH40	5200	9.25	14.18
CH48	5240	9.49	14.18

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

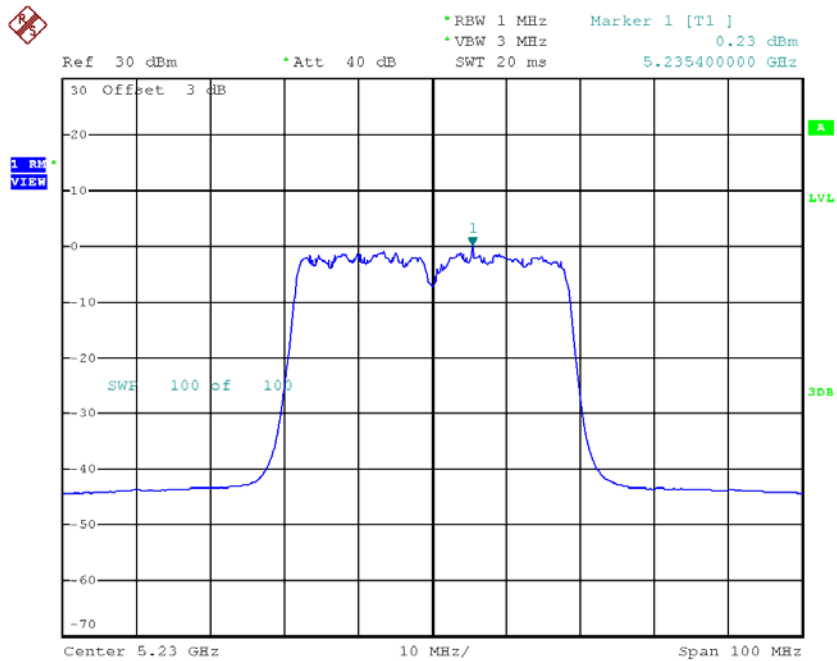
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.16	0.57	2.73	14.18
CH46	5230	0.23	0.57	0.80	14.18

CH38



Date: 1.MAR.2018 15:39:08

CH46

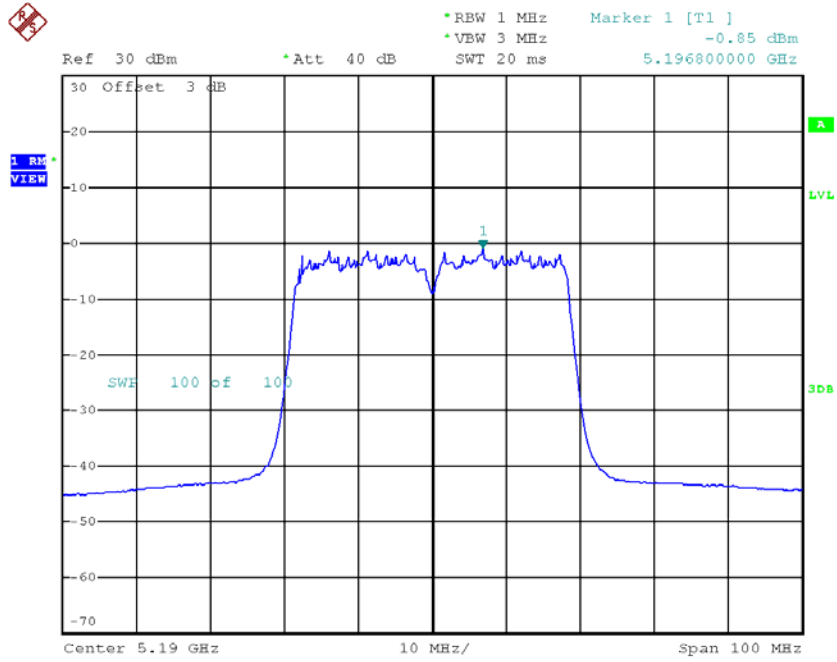


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Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 2

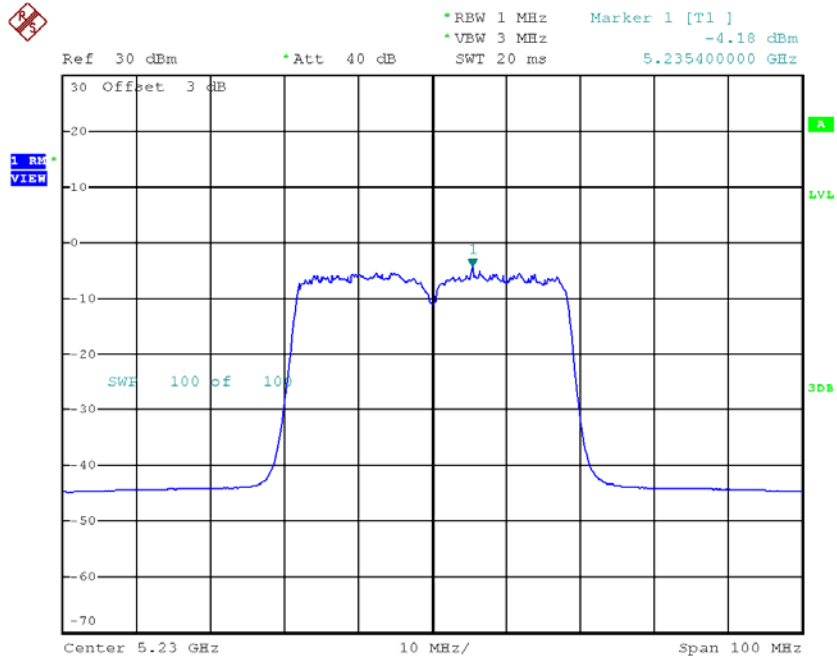
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-0.85	0.57	-0.28	14.18
CH46	5230	-4.18	0.57	-3.61	14.18

CH38



Date: 1.MAR.2018 15:54:09

CH46



Date: 1.MAR.2018 15:55:22

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 3

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	1.63	0.57	2.20	14.18
CH46	5230	-0.09	0.57	0.48	14.18