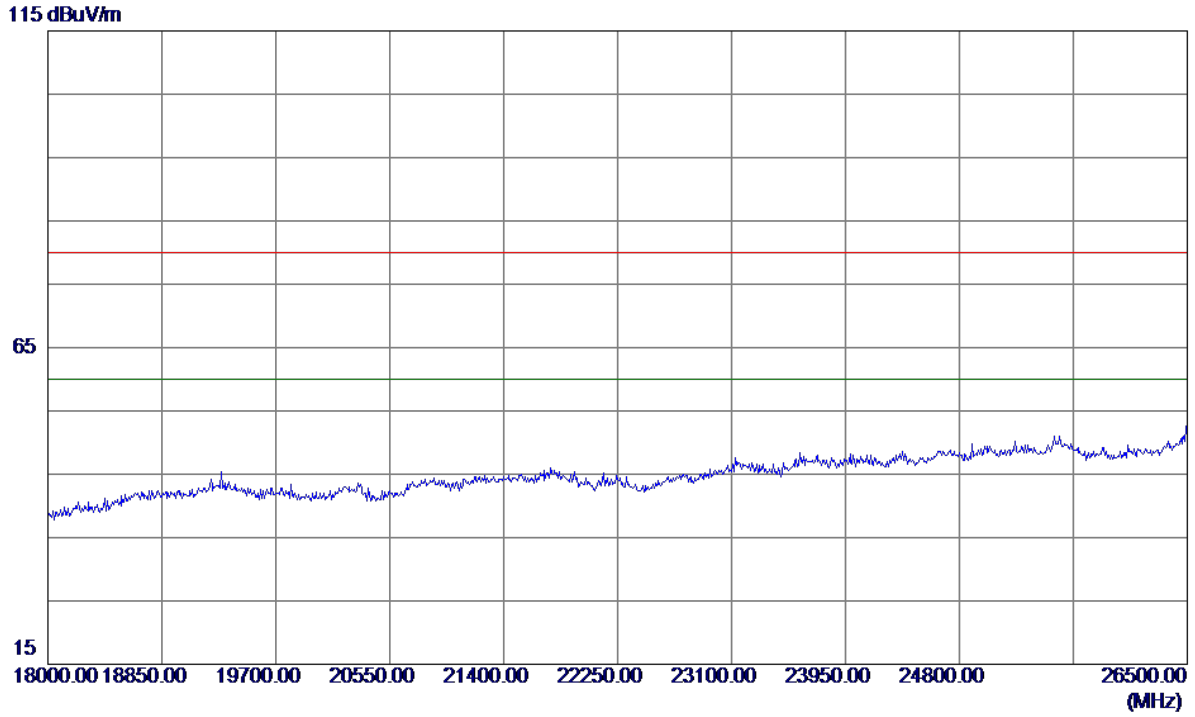
Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

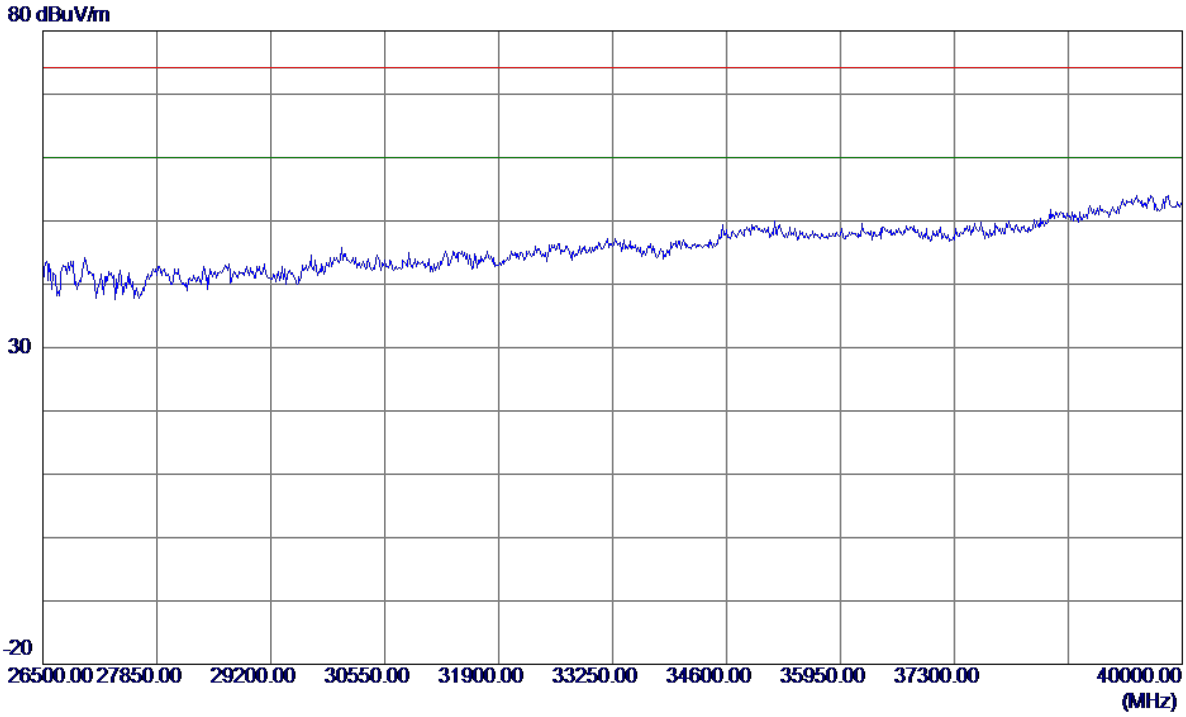
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

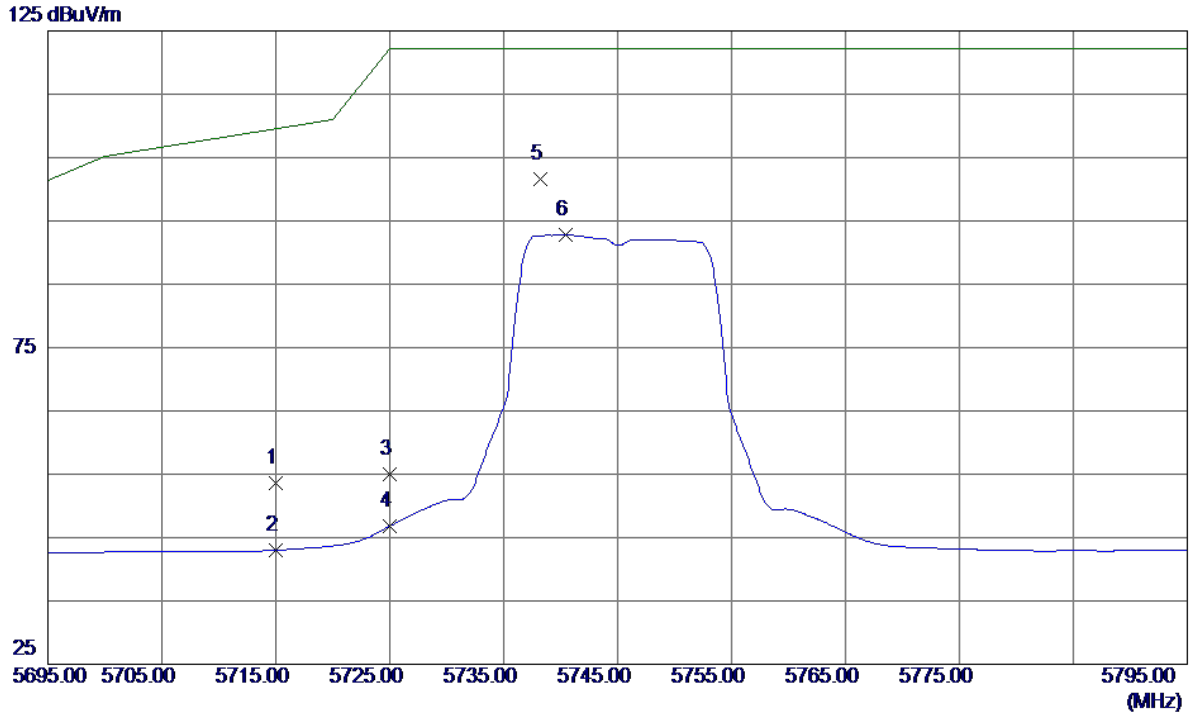
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

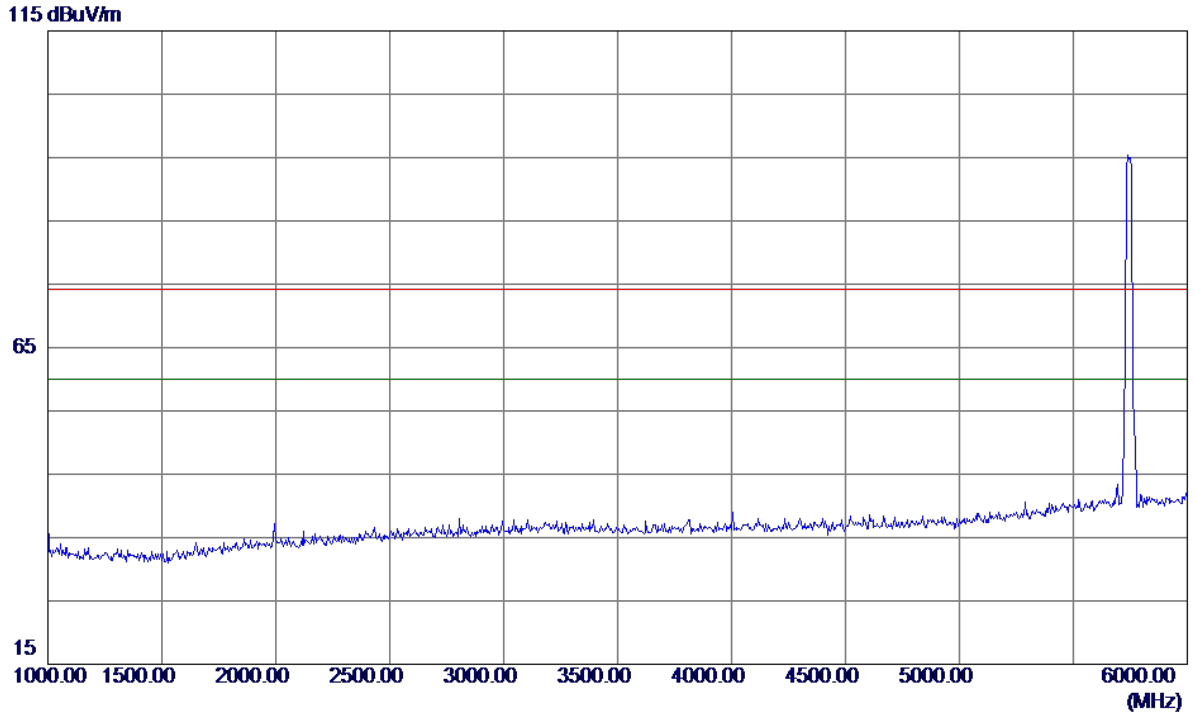
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	10.75	42.90	53.65	109.50	-55.85	Peak	
2	5715.0000	0.11	42.90	43.01	109.50	-66.49	AVG	
3	5725.0000	12.09	42.94	55.03	122.30	-67.27	Peak	
4	5725.0000	3.88	42.94	46.82	122.30	-75.48	AVG	
5 *	5738.2000	58.54	42.98	101.52	122.30	-20.78	Peak	
6	5740.4000	49.75	42.99	92.74	122.30	-29.56	AVG	

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

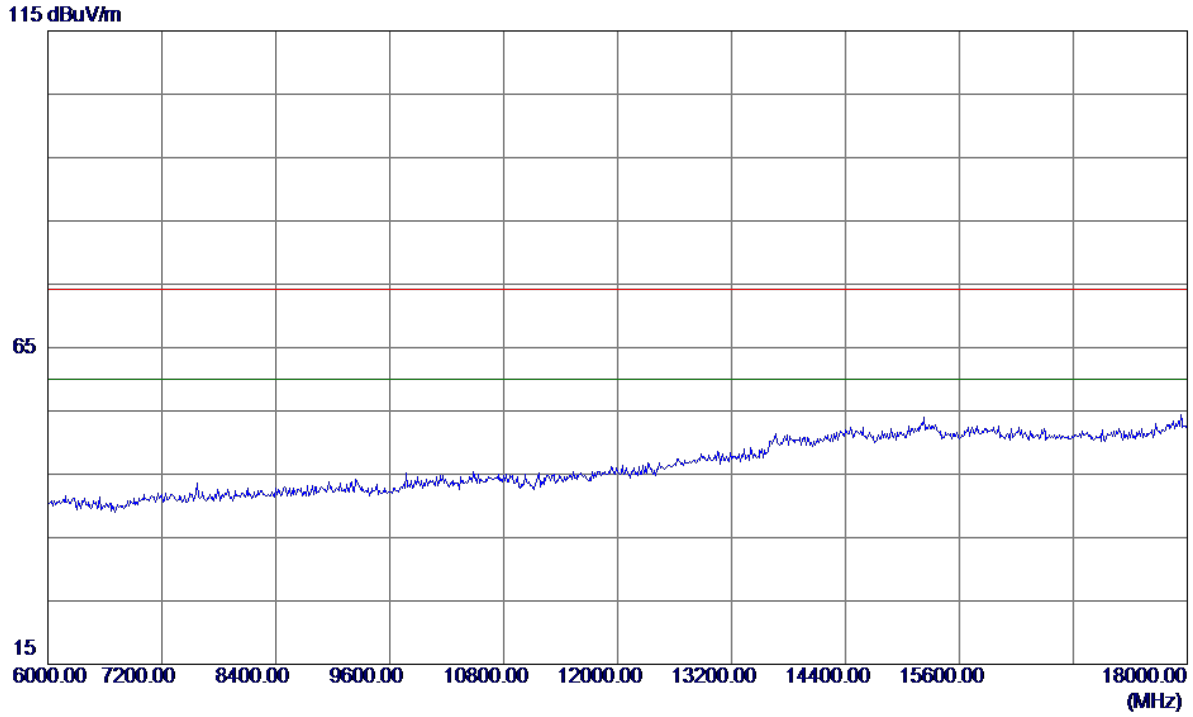
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

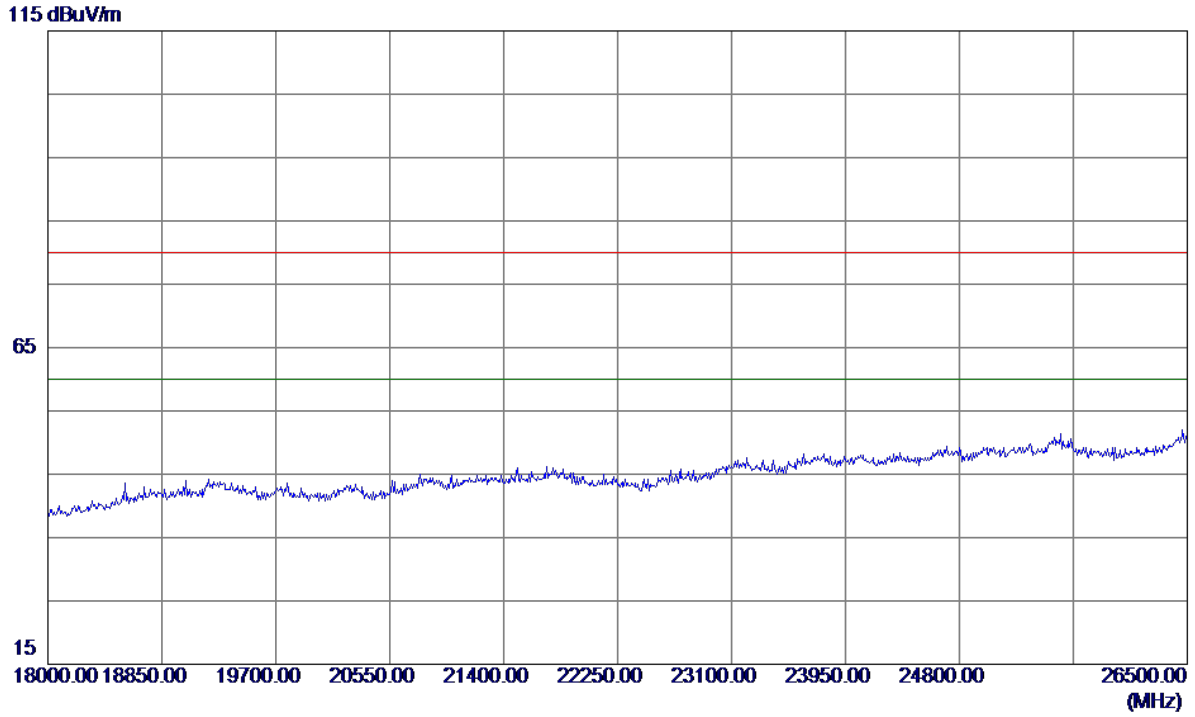
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

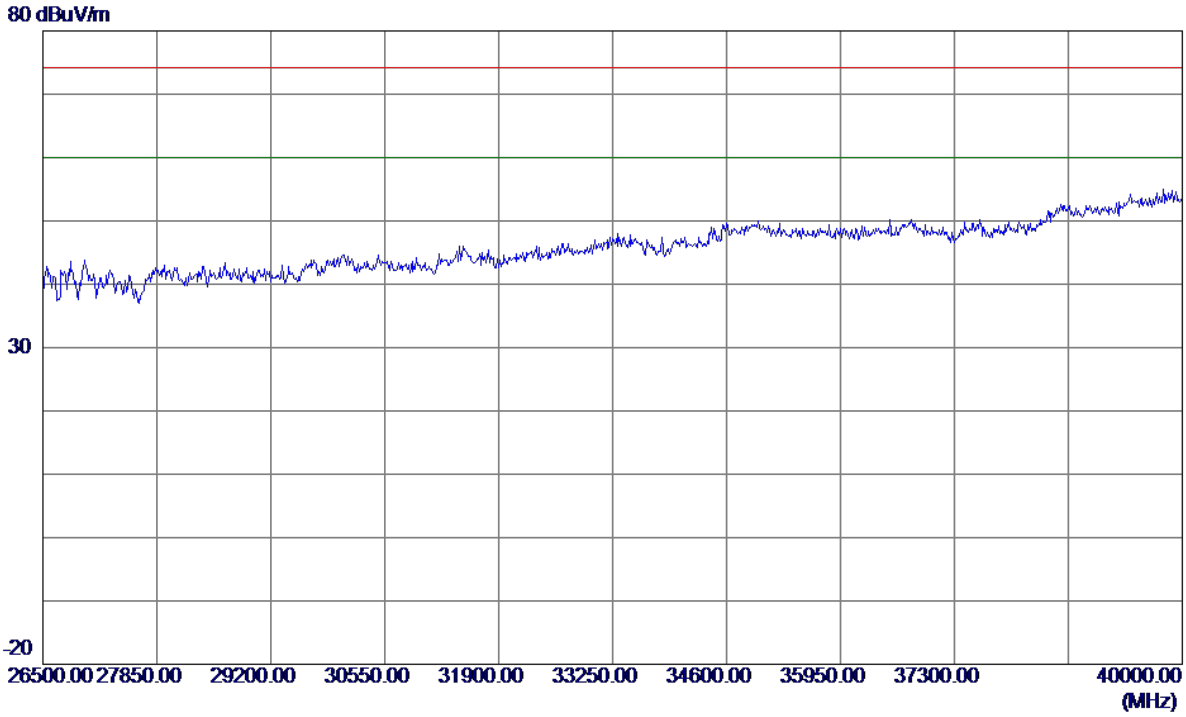
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

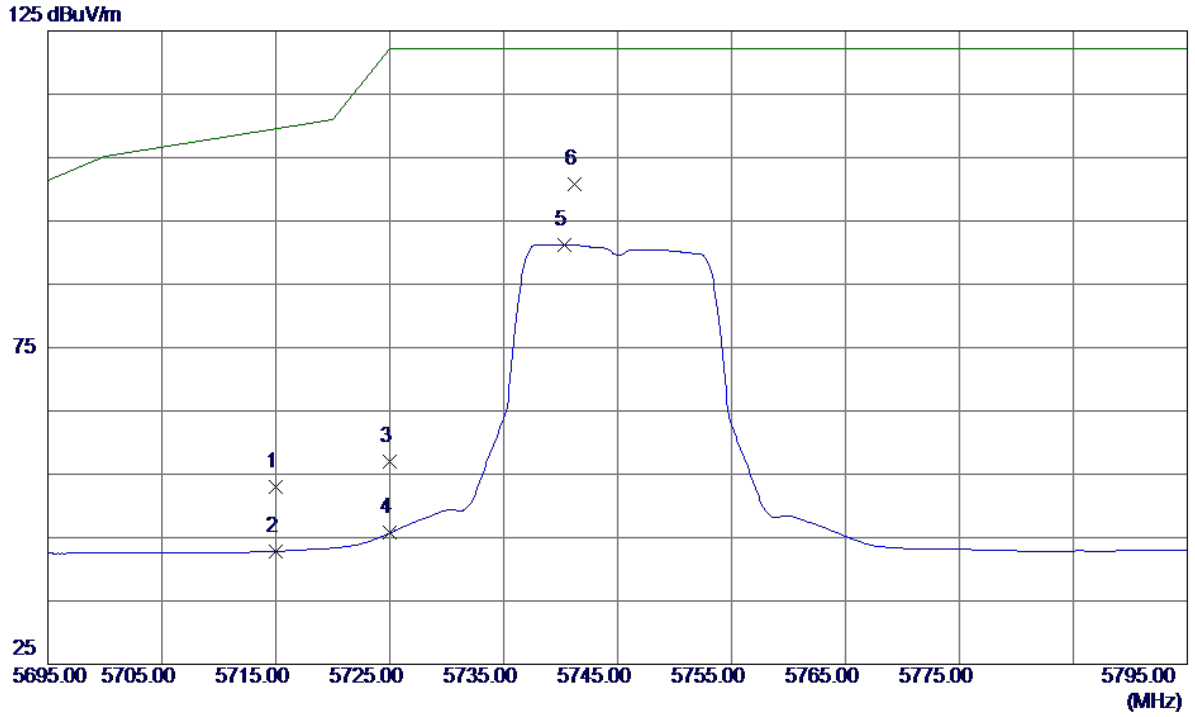
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

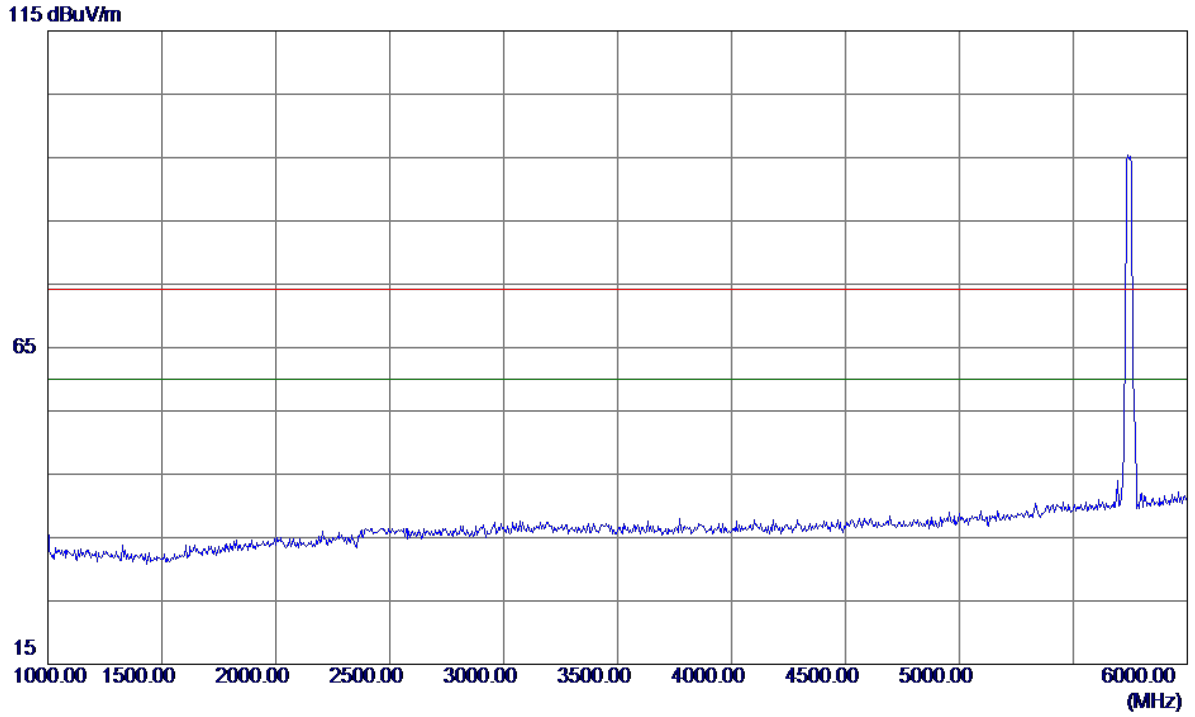
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	10.03	42.90	52.93	109.50	-56.57	Peak	
2	5715.0000	-0.06	42.90	42.84	109.50	-66.66	AVG	
3	5725.0000	14.02	42.94	56.96	122.30	-65.34	Peak	
4	5725.0000	2.78	42.94	45.72	122.30	-76.58	AVG	
5	5740.3000	48.29	42.99	91.28	122.30	-31.02	AVG	
6 *	5741.2000	57.81	42.99	100.80	122.30	-21.50	Peak	

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

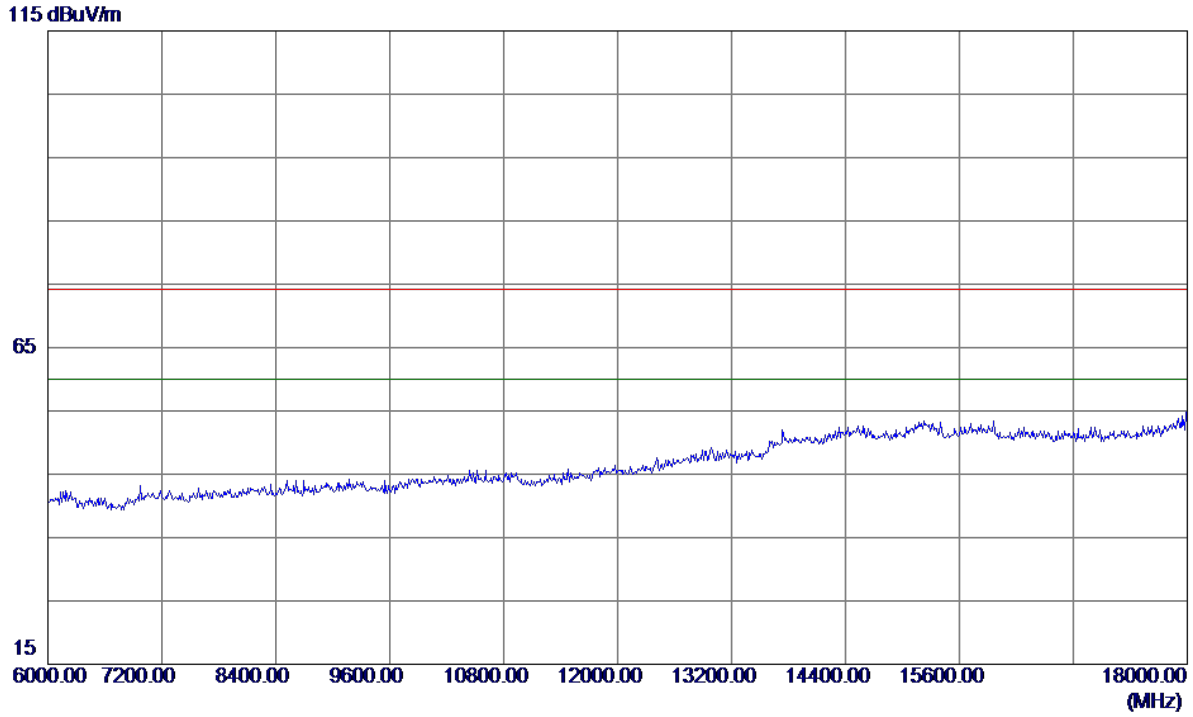
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

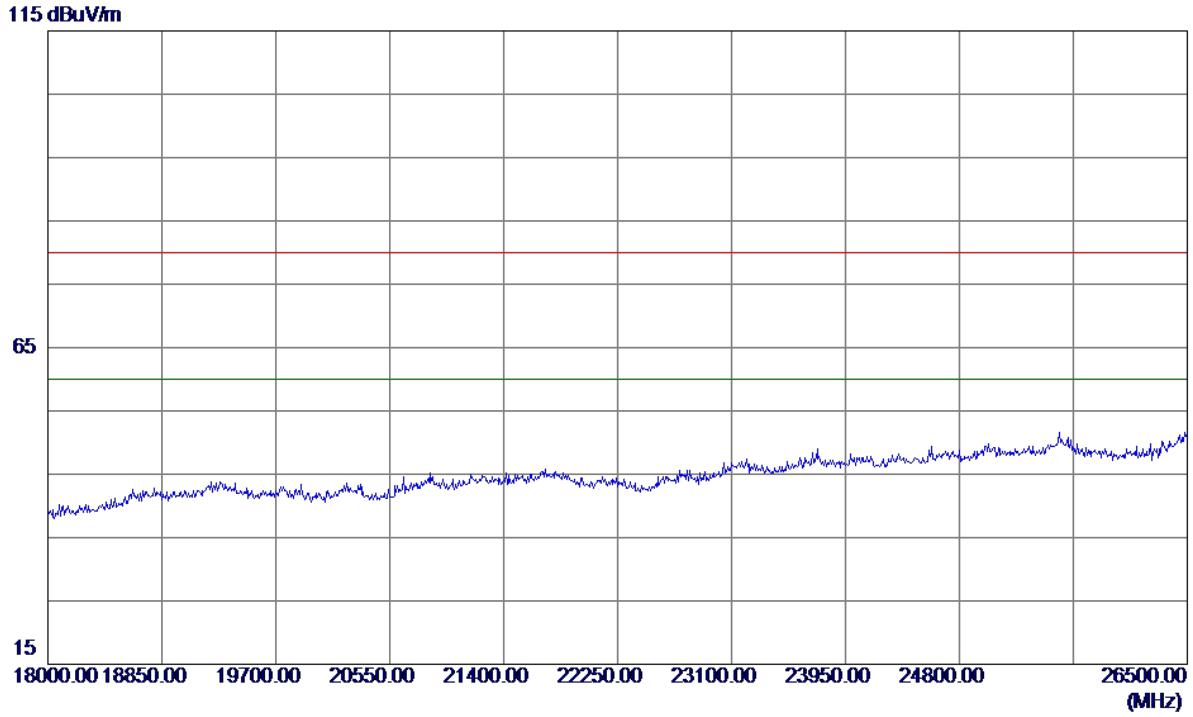
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

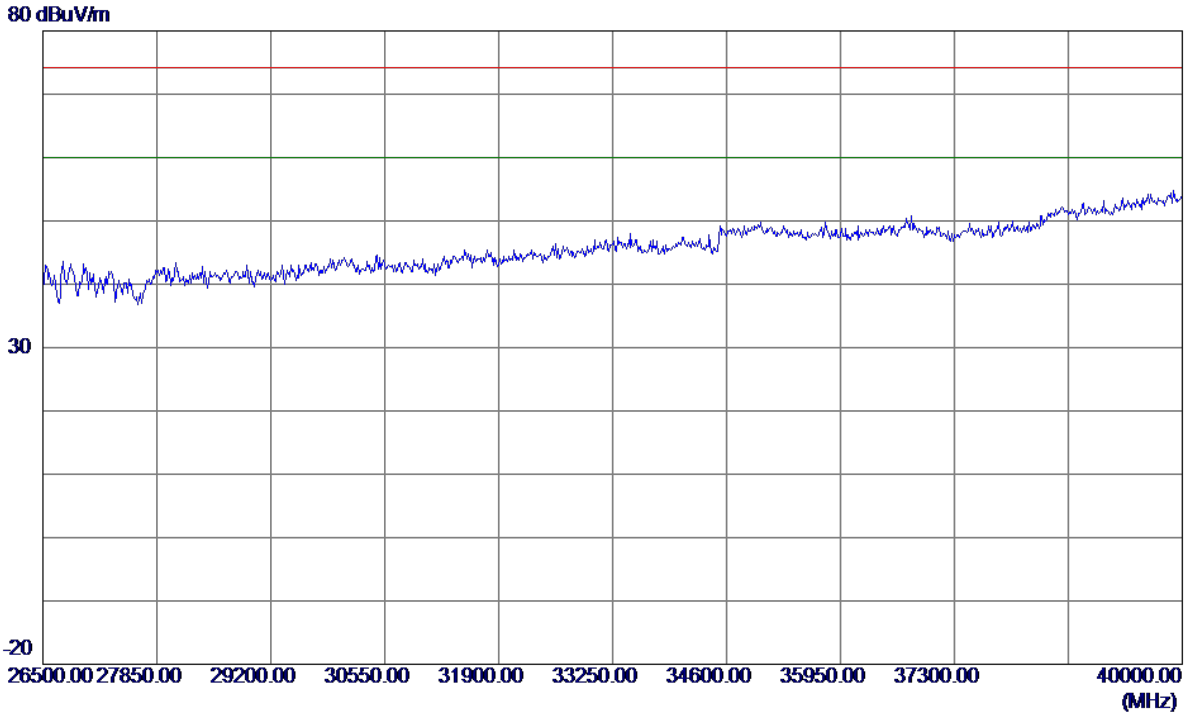
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

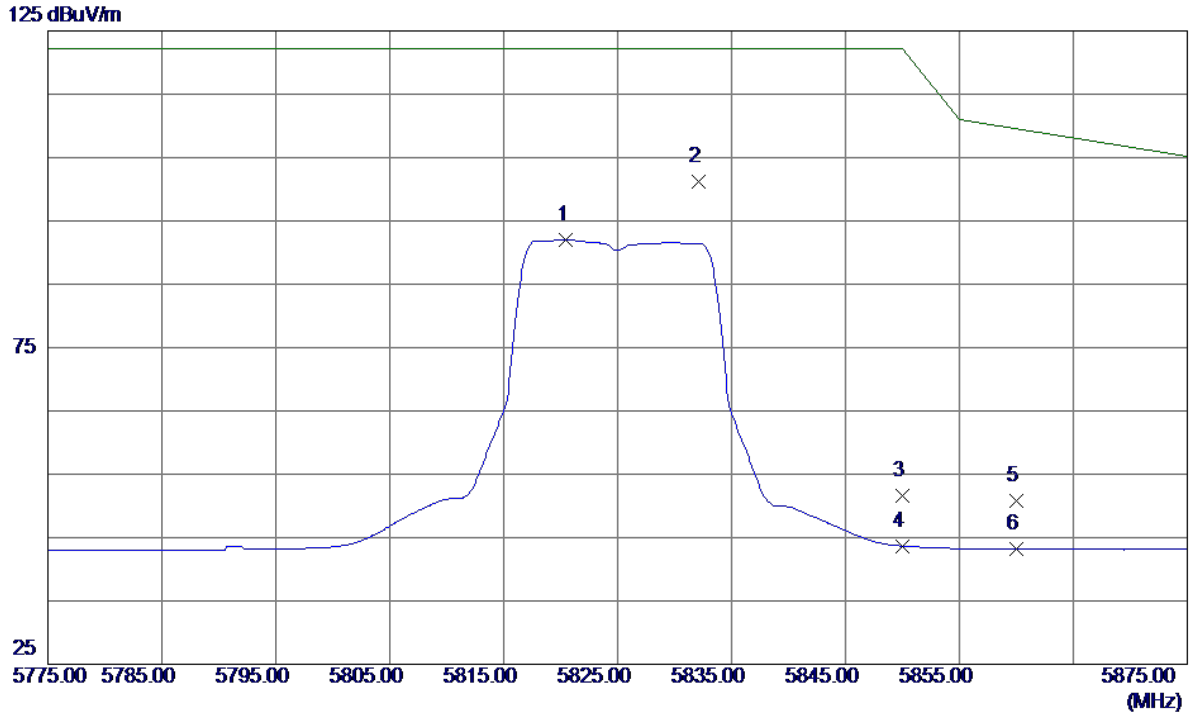
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

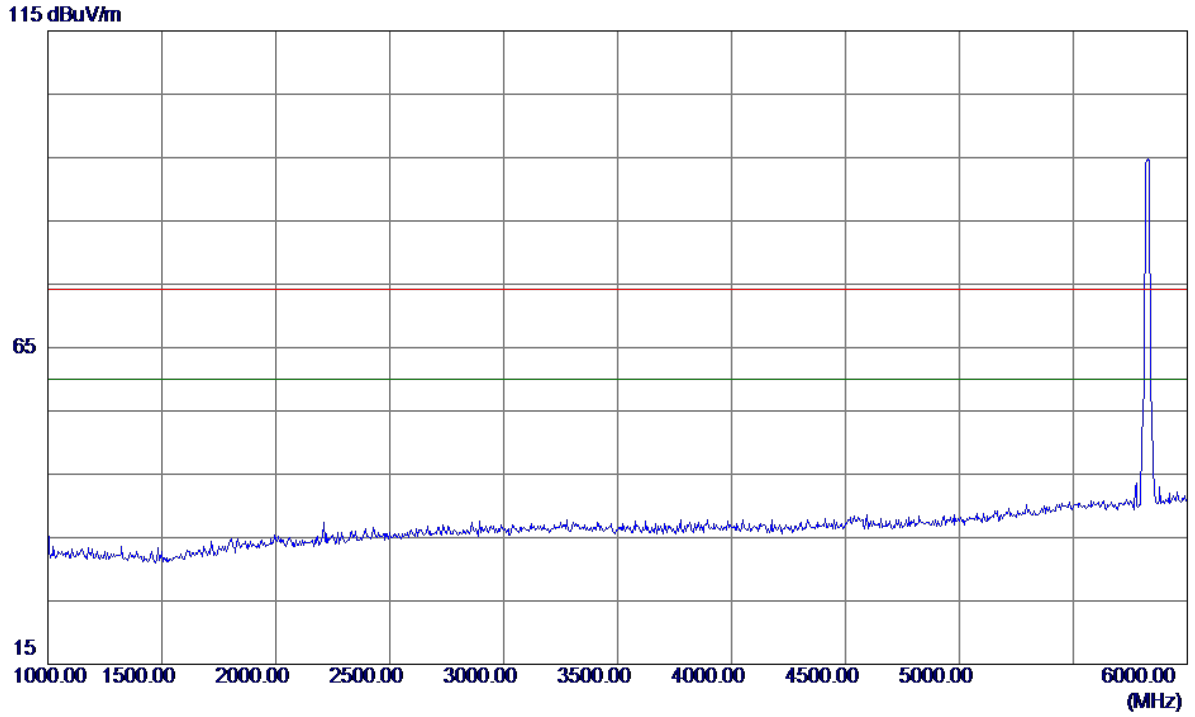
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5820.5000	48.68	43.26	91.94	122.30	-30.36	AVG	
2 *	5832.1000	57.89	43.30	101.19	122.30	-21.11	Peak	
3	5850.0000	8.32	43.36	51.68	122.30	-70.62	Peak	
4	5850.0000	0.30	43.36	43.66	122.30	-78.64	AVG	
5	5860.0000	7.41	43.39	50.80	109.50	-58.70	Peak	
6	5860.0000	-0.17	43.39	43.22	109.50	-66.28	AVG	

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

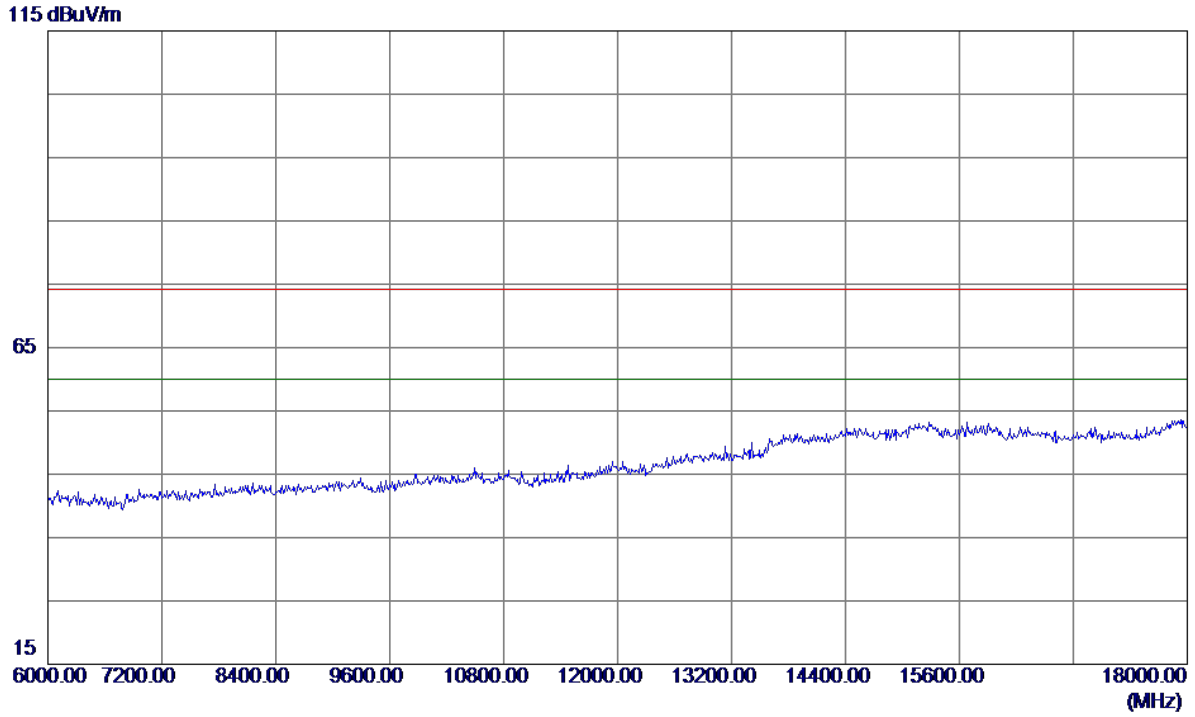
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

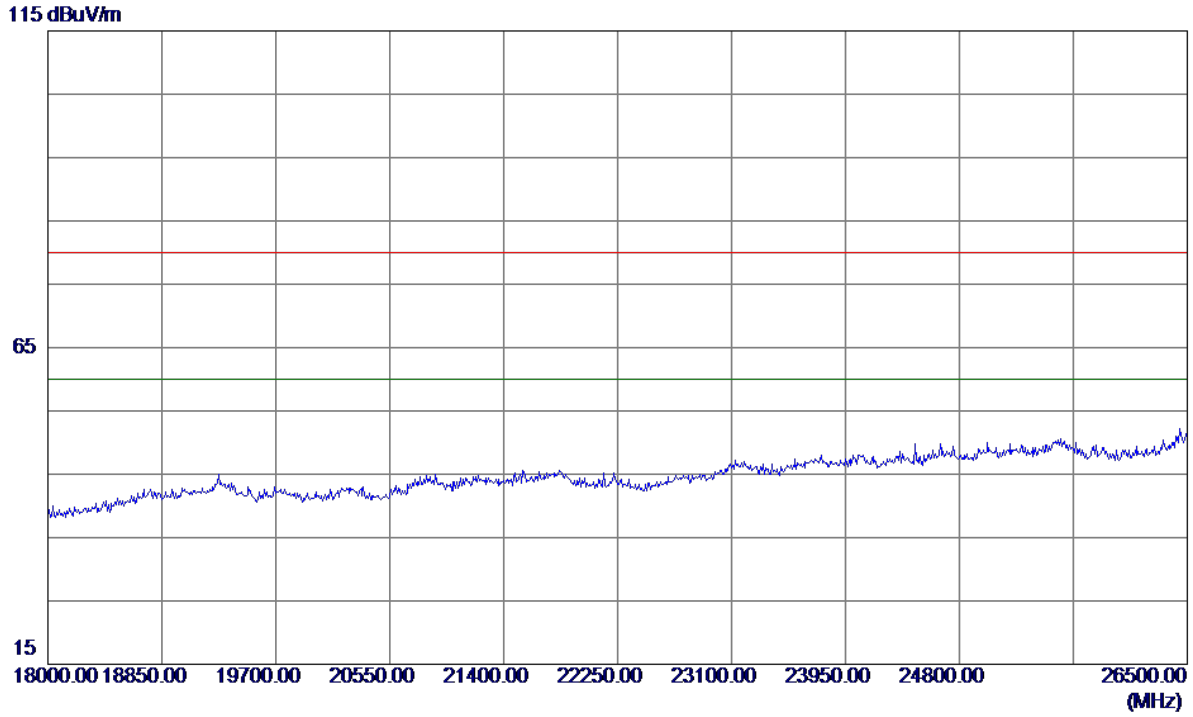
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

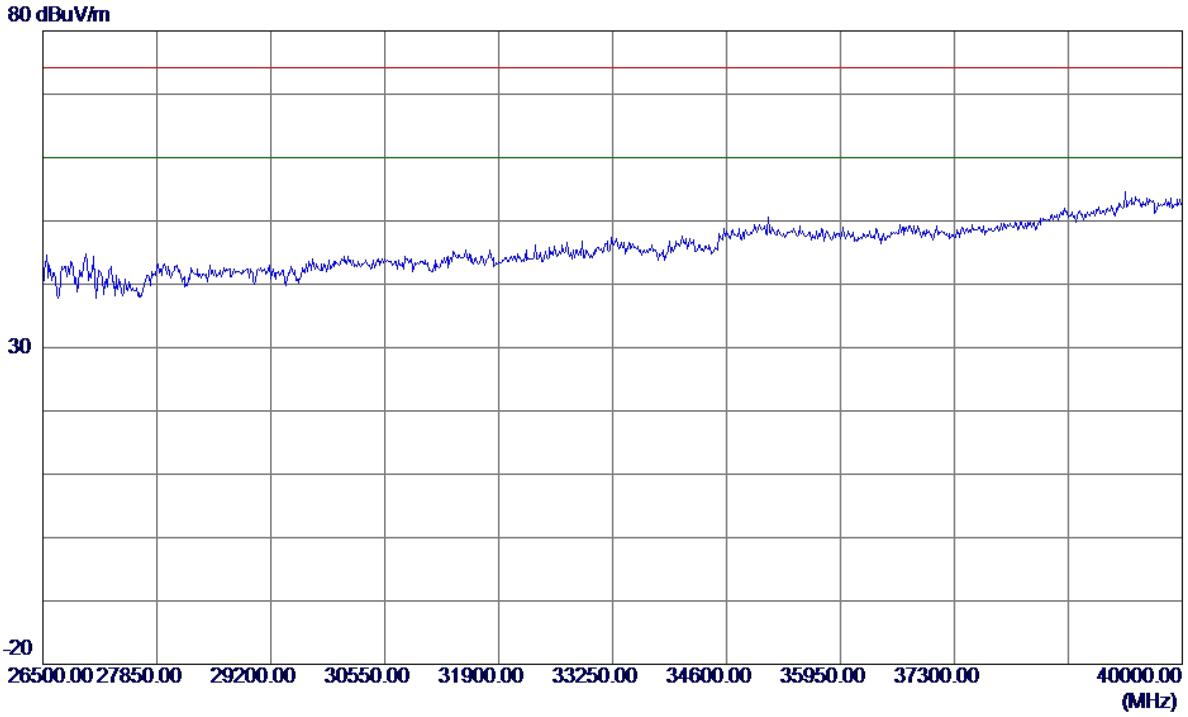
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

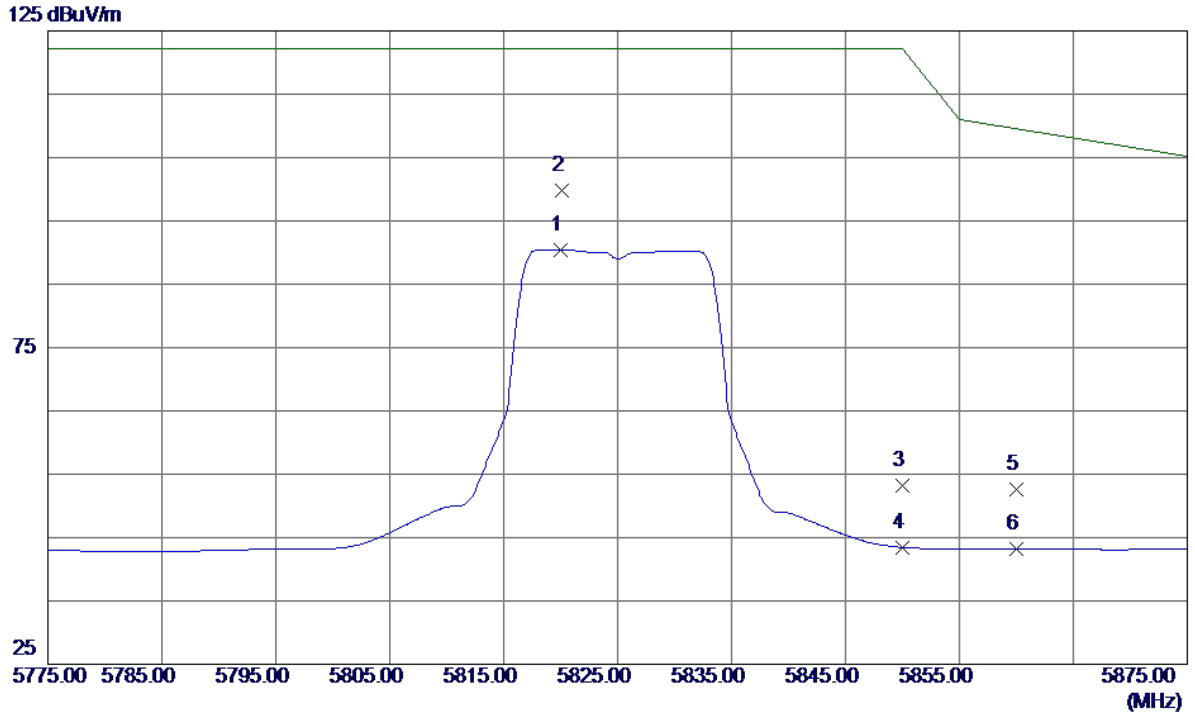
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

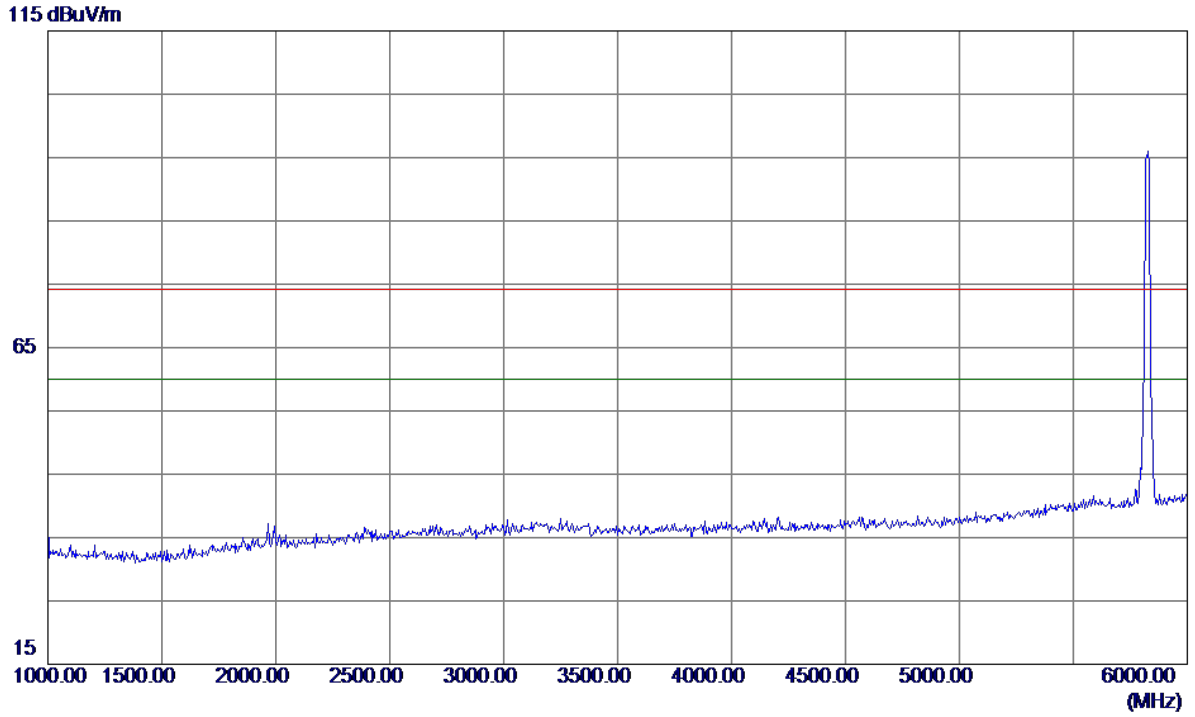
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5820.0000	47.14	43.26	90.40	122.30	-31.90	AVG	
2 *	5820.1000	56.56	43.26	99.82	122.30	-22.48	Peak	
3	5850.0000	9.88	43.36	53.24	122.30	-69.06	Peak	
4	5850.0000	0.09	43.36	43.45	122.30	-78.85	AVG	
5	5860.0000	9.17	43.39	52.56	109.50	-56.94	Peak	
6	5860.0000	-0.20	43.39	43.19	109.50	-66.31	AVG	

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

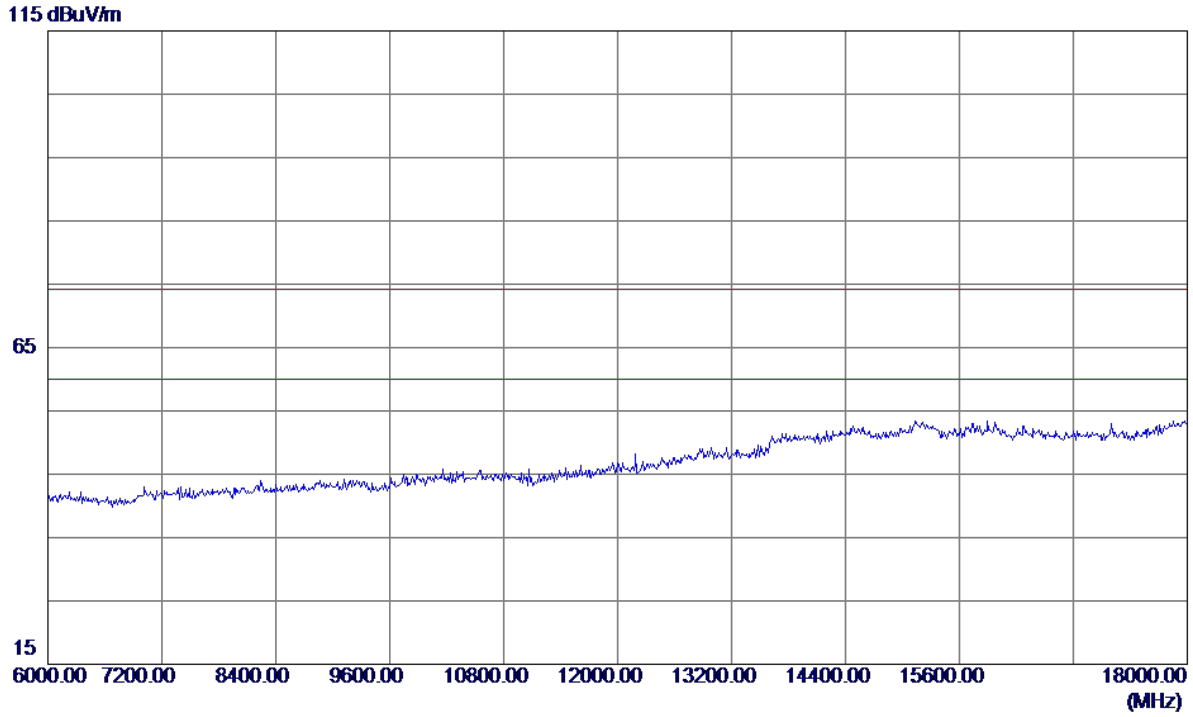
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

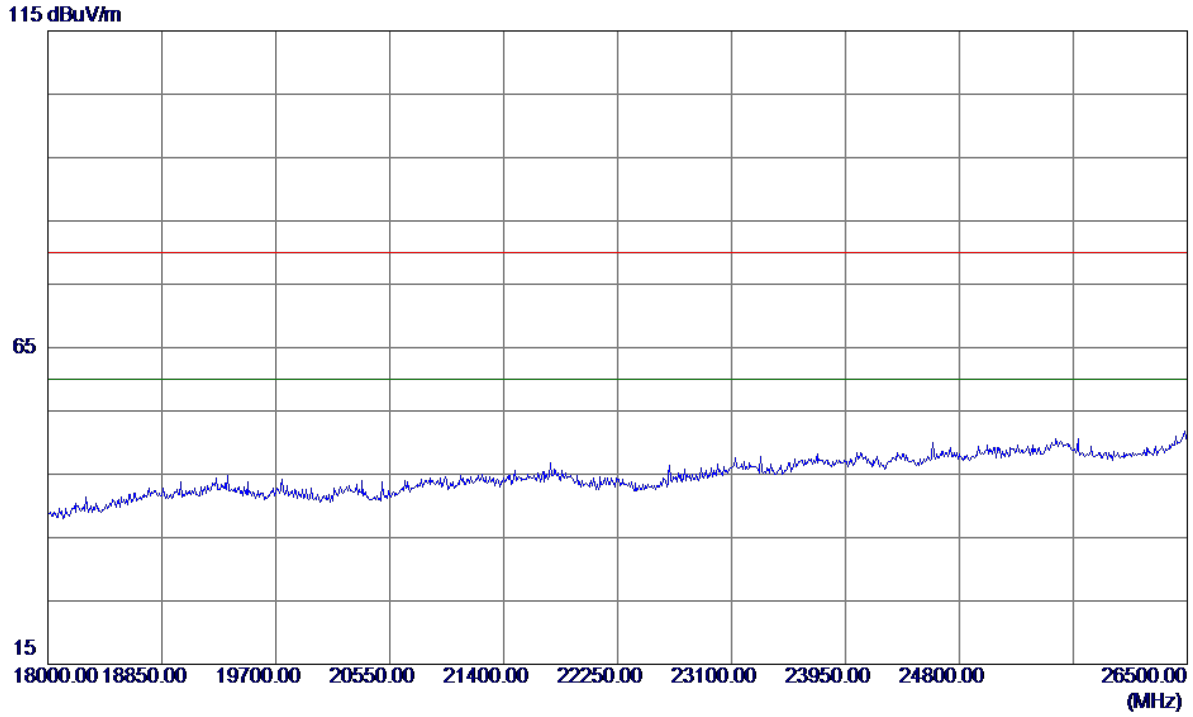
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

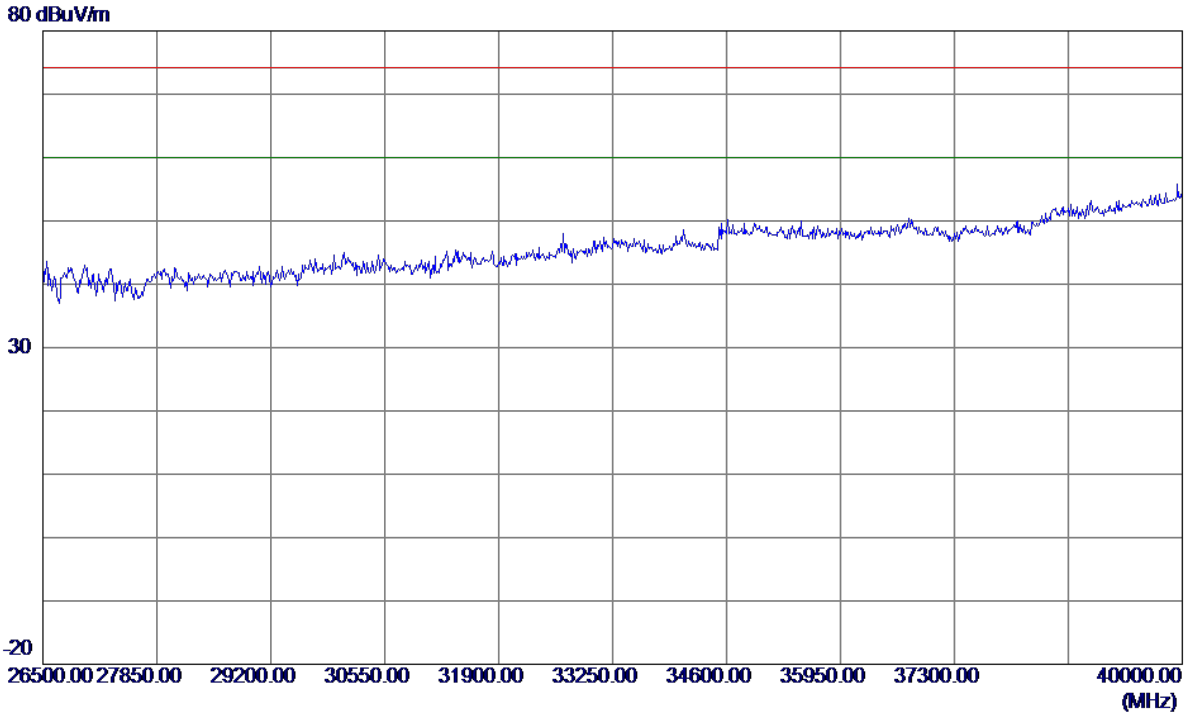
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

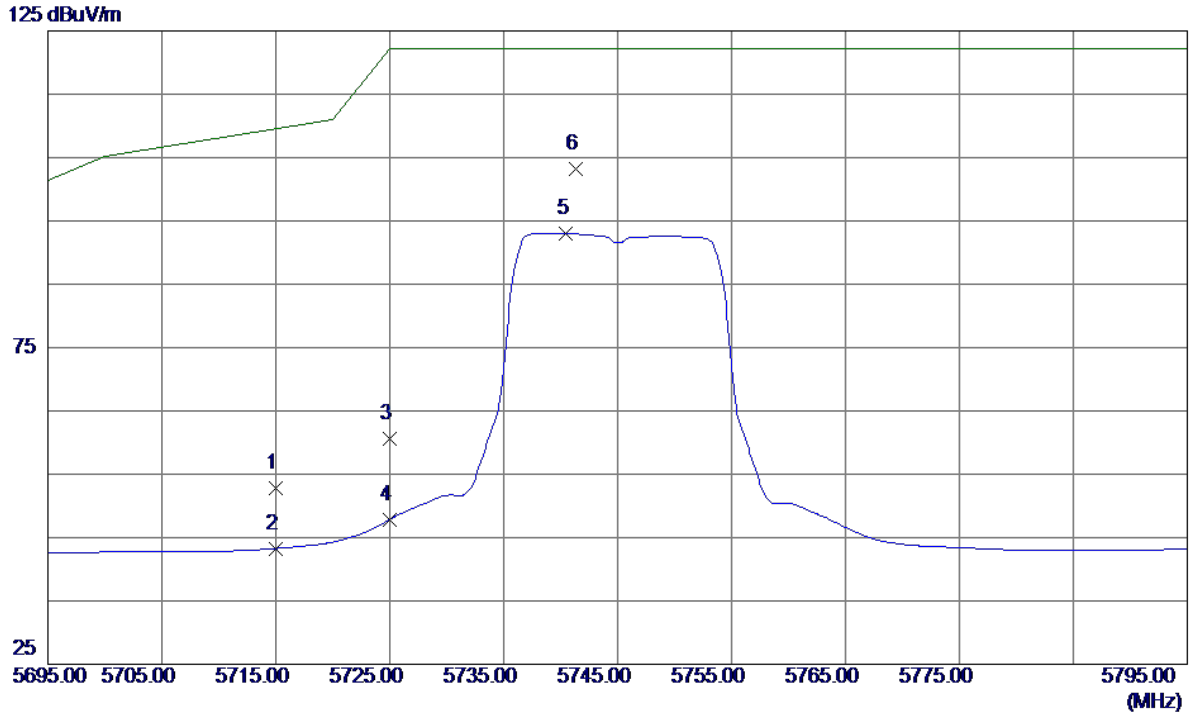
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

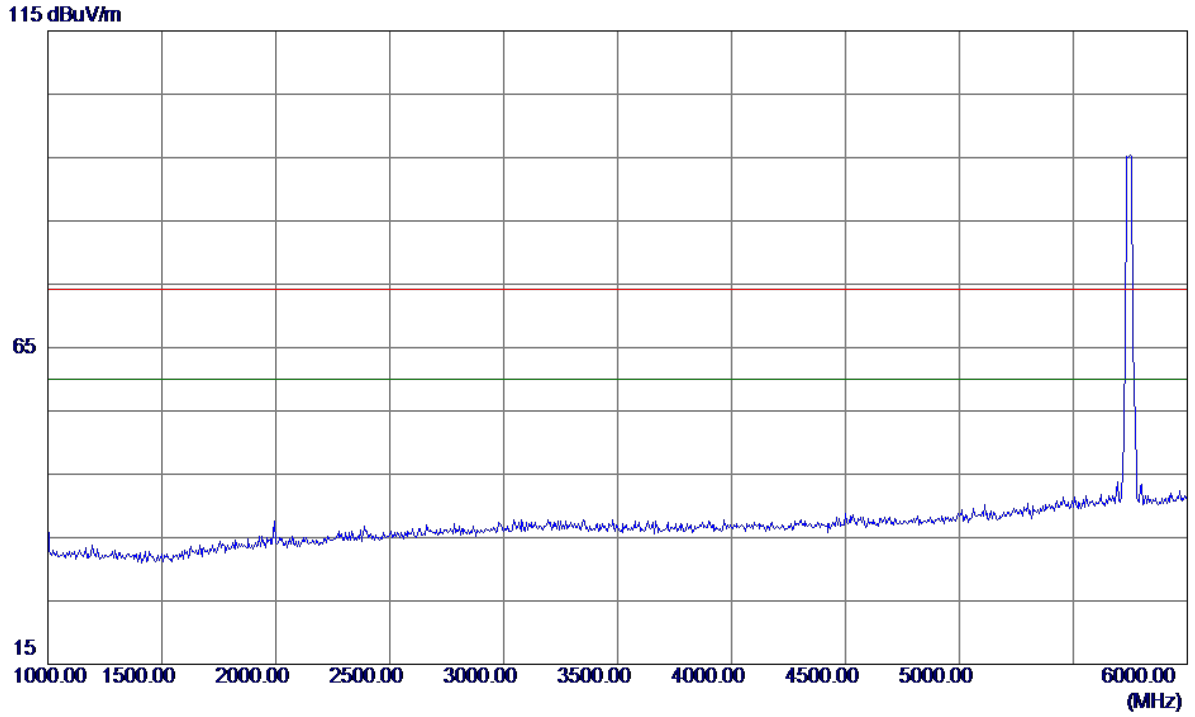
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	9.98	42.90	52.88	109.50	-56.62	Peak	
2	5715.0000	0.38	42.90	43.28	109.50	-66.22	AVG	
3	5725.0000	17.73	42.94	60.67	122.30	-61.63	Peak	
4	5725.0000	4.88	42.94	47.82	122.30	-74.48	AVG	
5	5740.5000	50.06	42.99	93.05	122.30	-29.25	AVG	
6 *	5741.3000	60.17	42.99	103.16	122.30	-19.14	Peak	

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

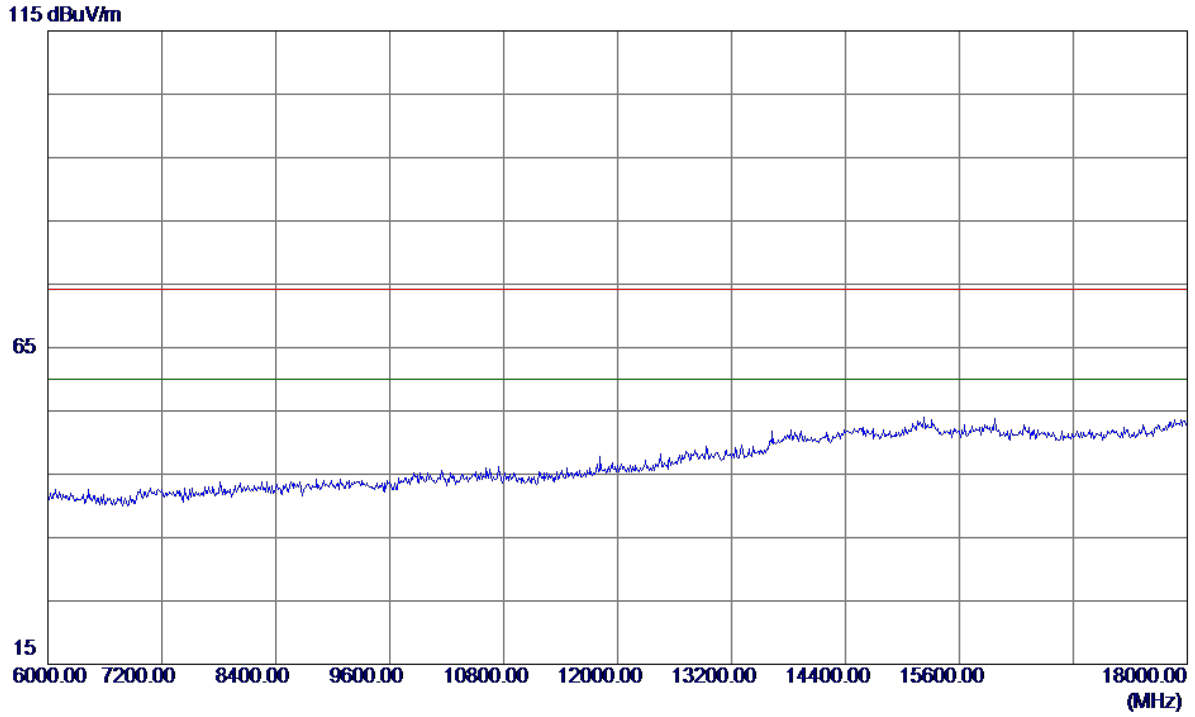
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

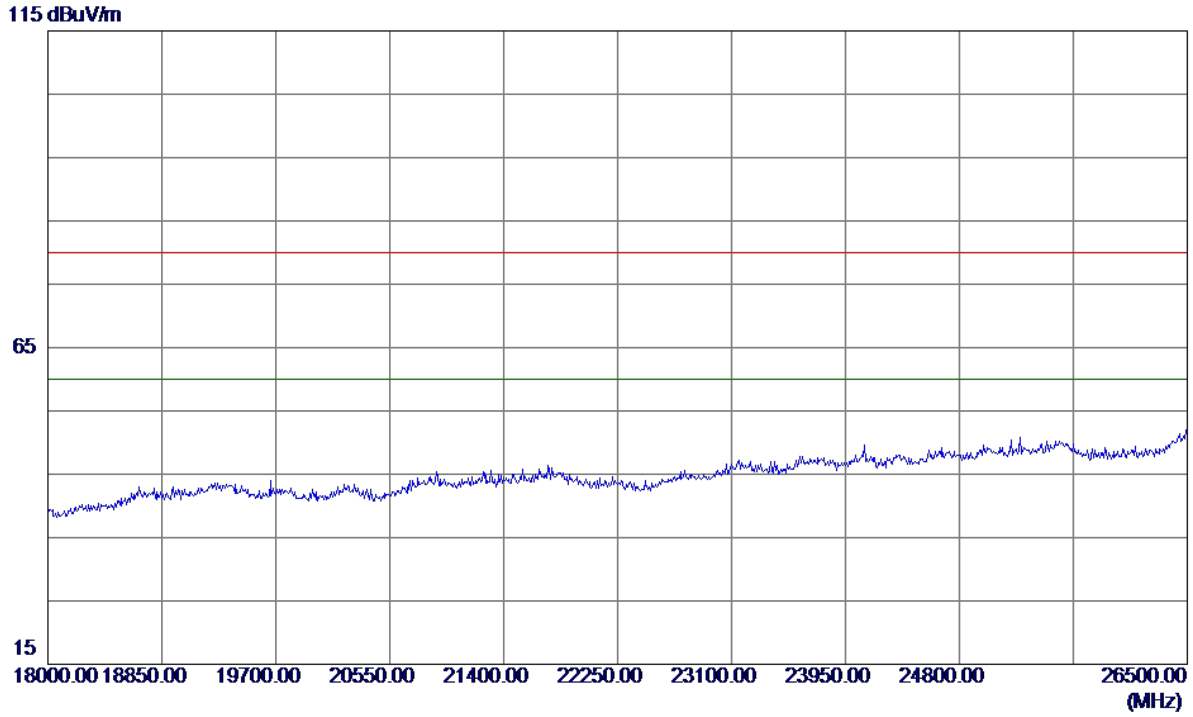
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

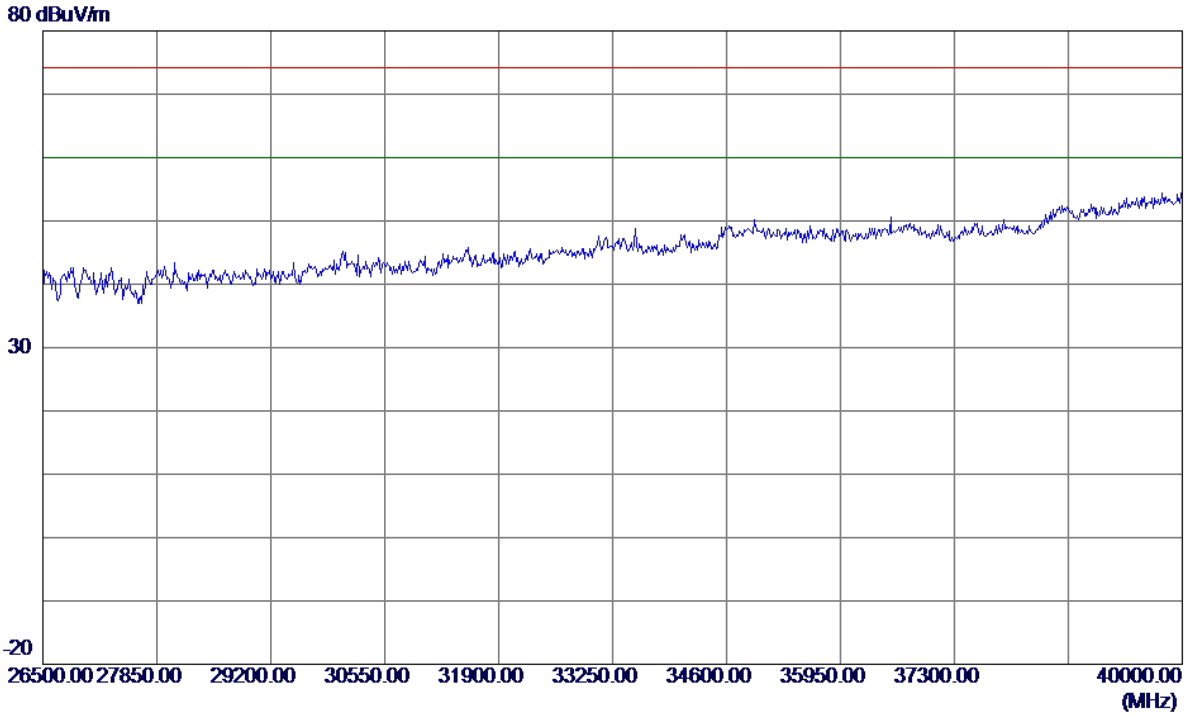
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

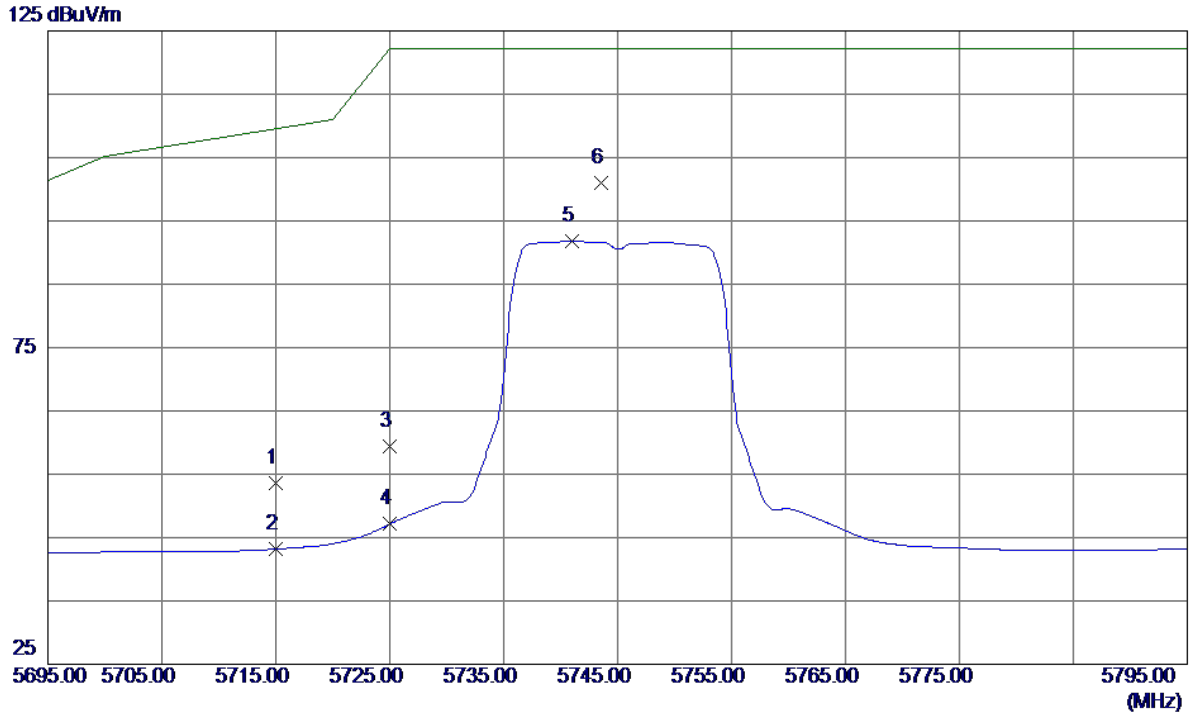
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

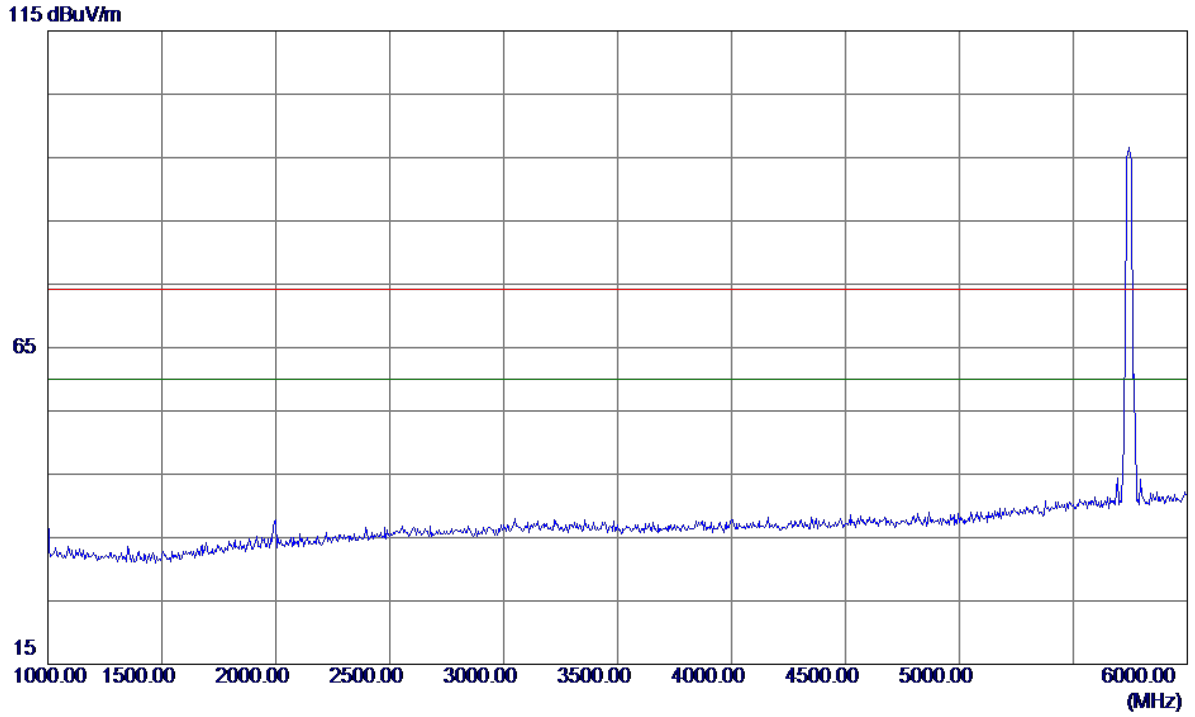
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	10.76	42.90	53.66	109.50	-55.84	Peak	
2	5715.0000	0.29	42.90	43.19	109.50	-66.31	AVG	
3	5725.0000	16.51	42.94	59.45	122.30	-62.85	Peak	
4	5725.0000	4.19	42.94	47.13	122.30	-75.17	AVG	
5	5741.0000	48.82	42.99	91.81	122.30	-30.49	AVG	
6 *	5743.6000	58.08	43.00	101.08	122.30	-21.22	Peak	

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

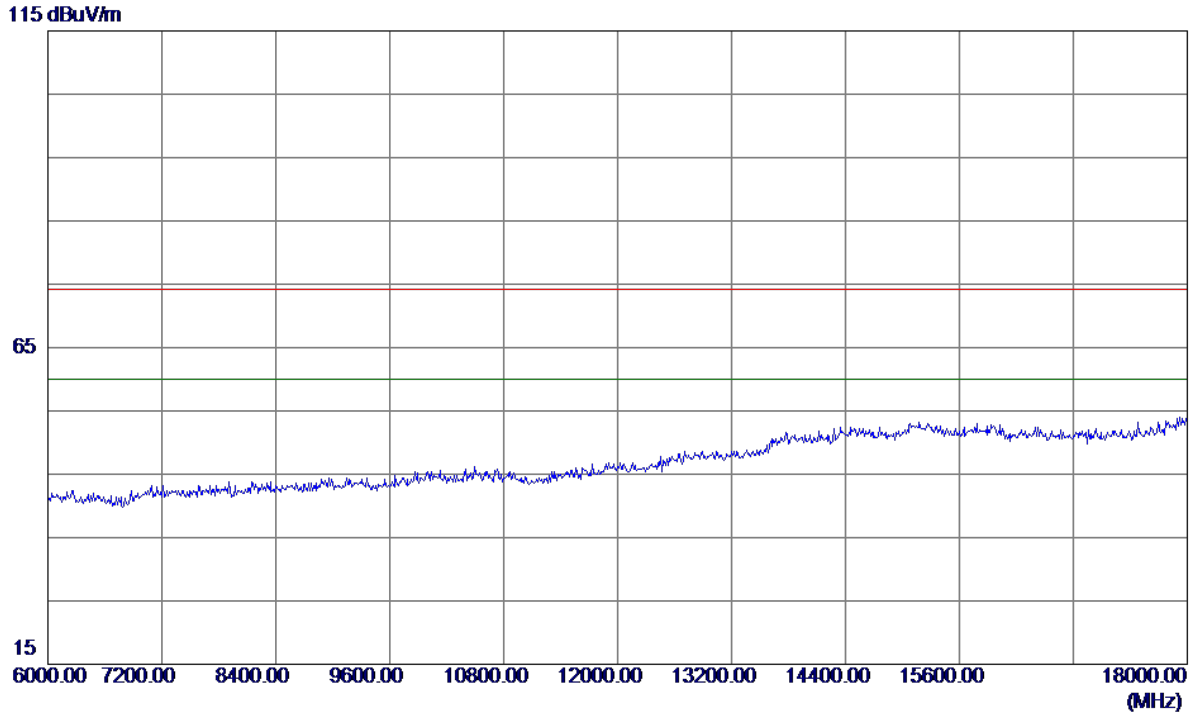
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

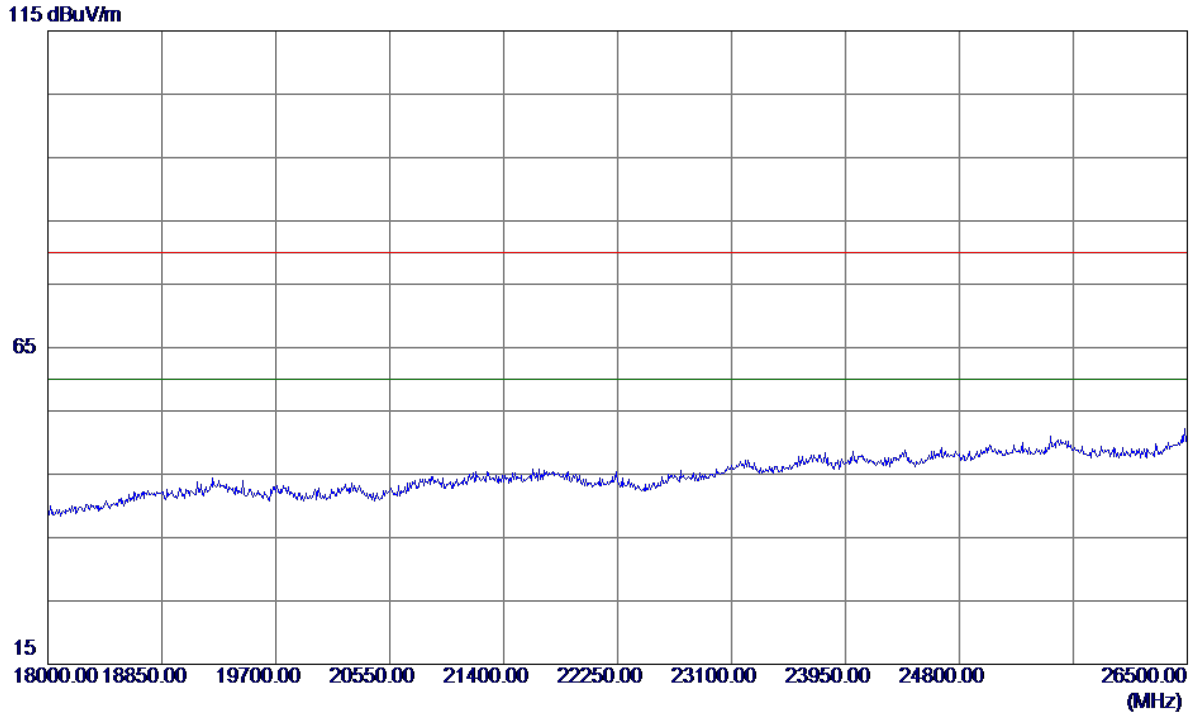
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

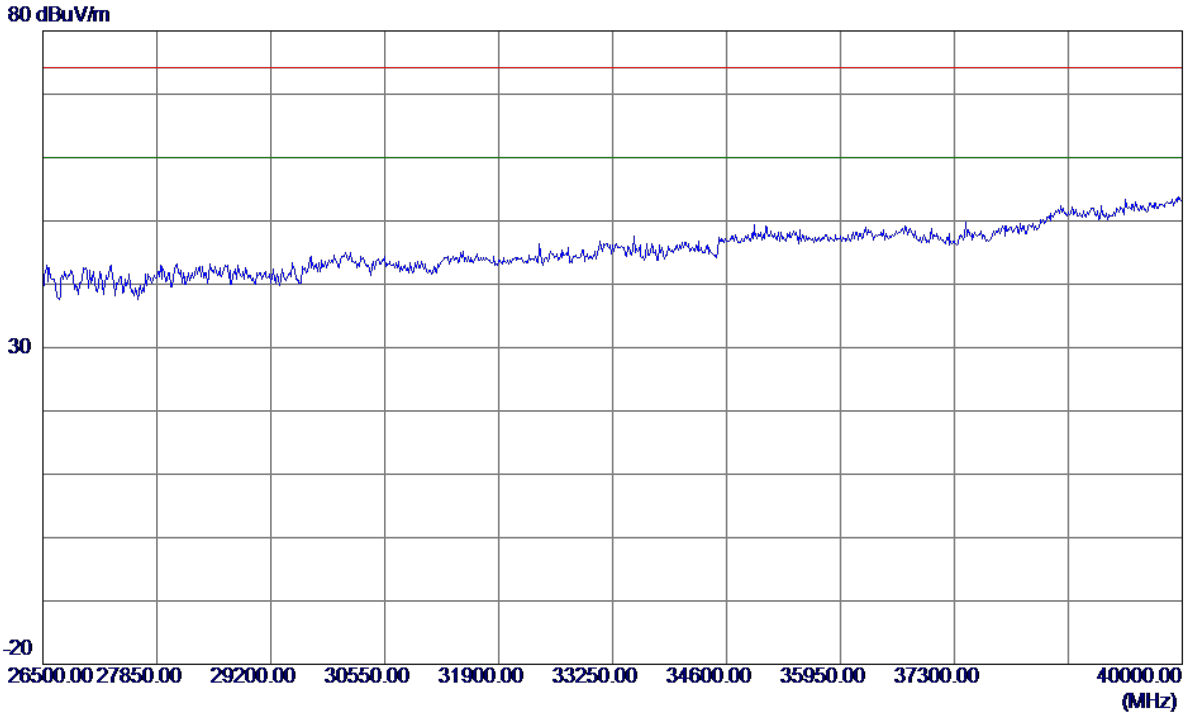
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

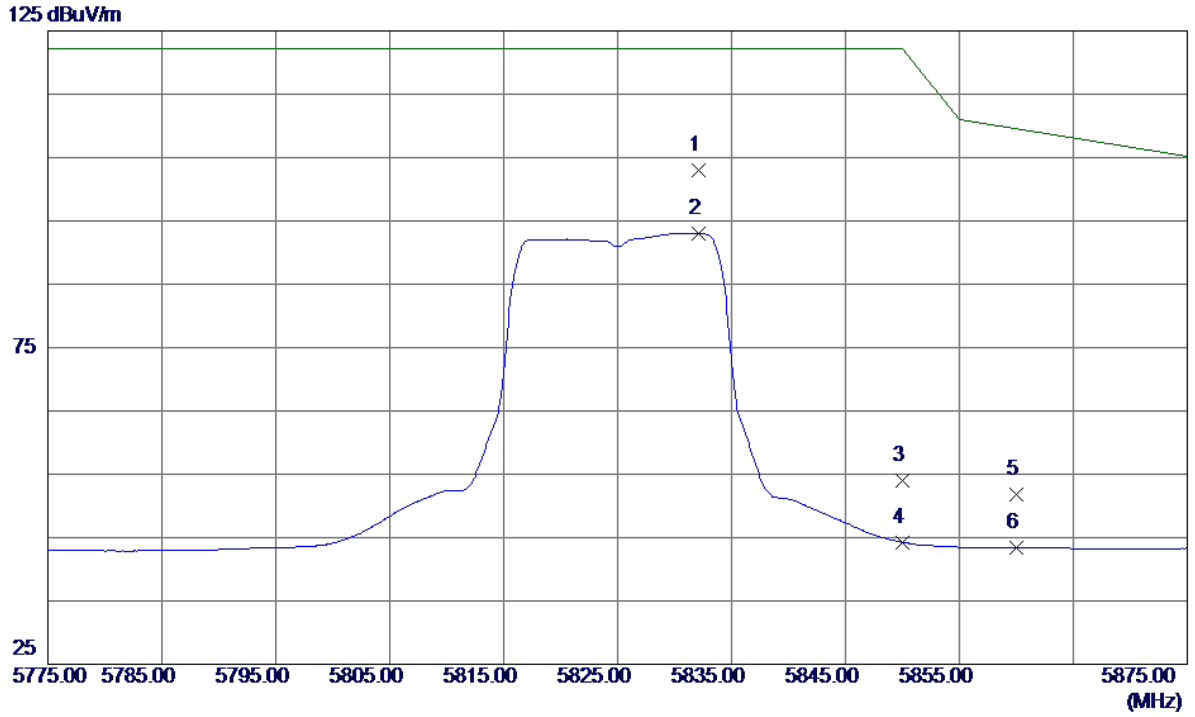
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

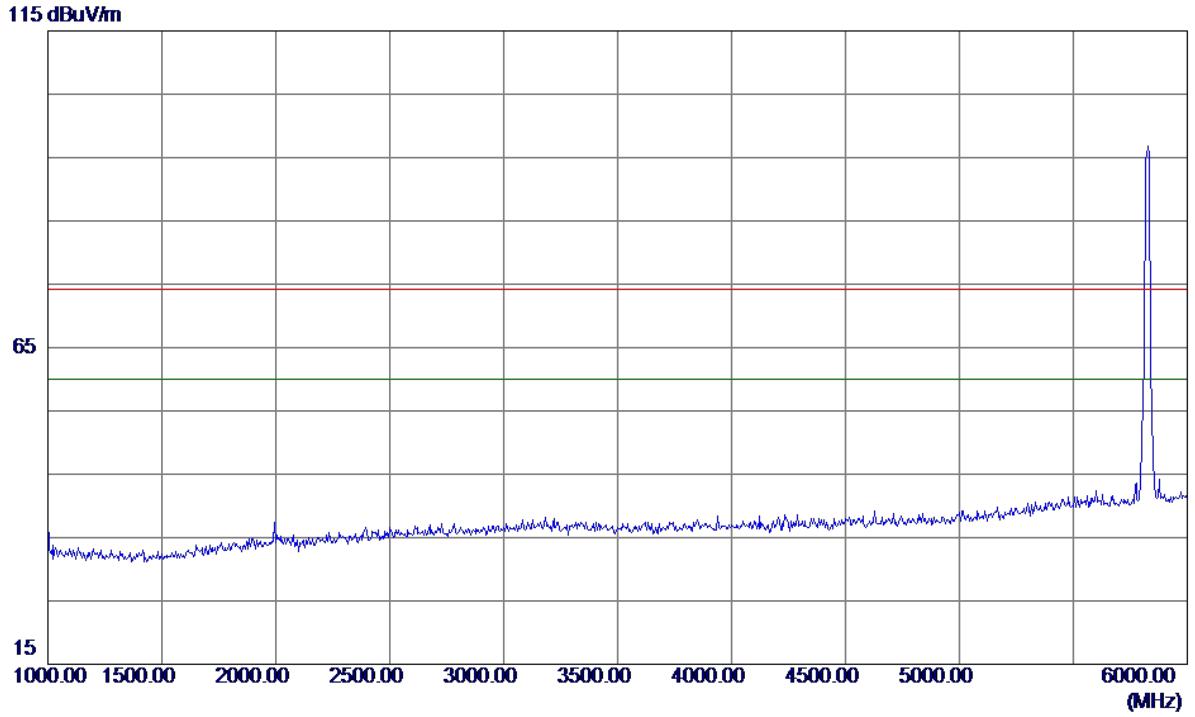
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5832.1000	59.76	43.30	103.06	122.30	-19.24	Peak	
2	5832.1000	49.68	43.30	92.98	122.30	-29.32	AVG	
3	5850.0000	10.67	43.36	54.03	122.30	-68.27	Peak	
4	5850.0000	0.89	43.36	44.25	122.30	-78.05	AVG	
5	5860.0000	8.48	43.39	51.87	109.50	-57.63	Peak	
6	5860.0000	-0.06	43.39	43.33	109.50	-66.17	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

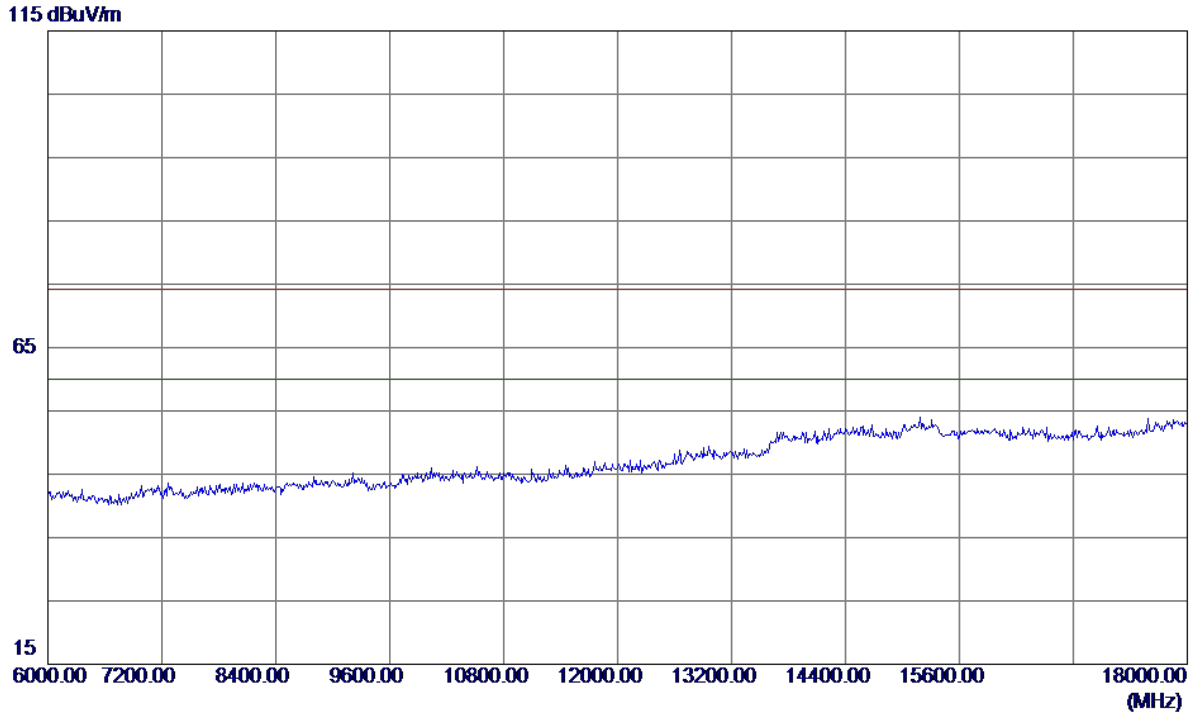
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

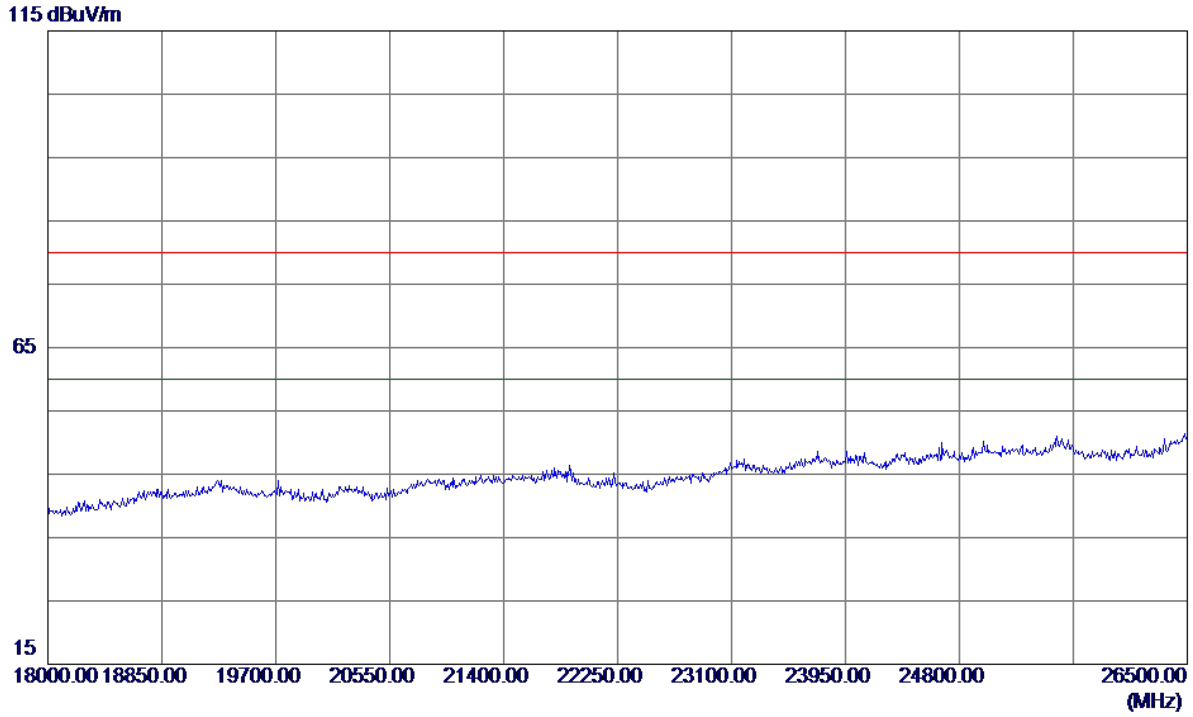
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

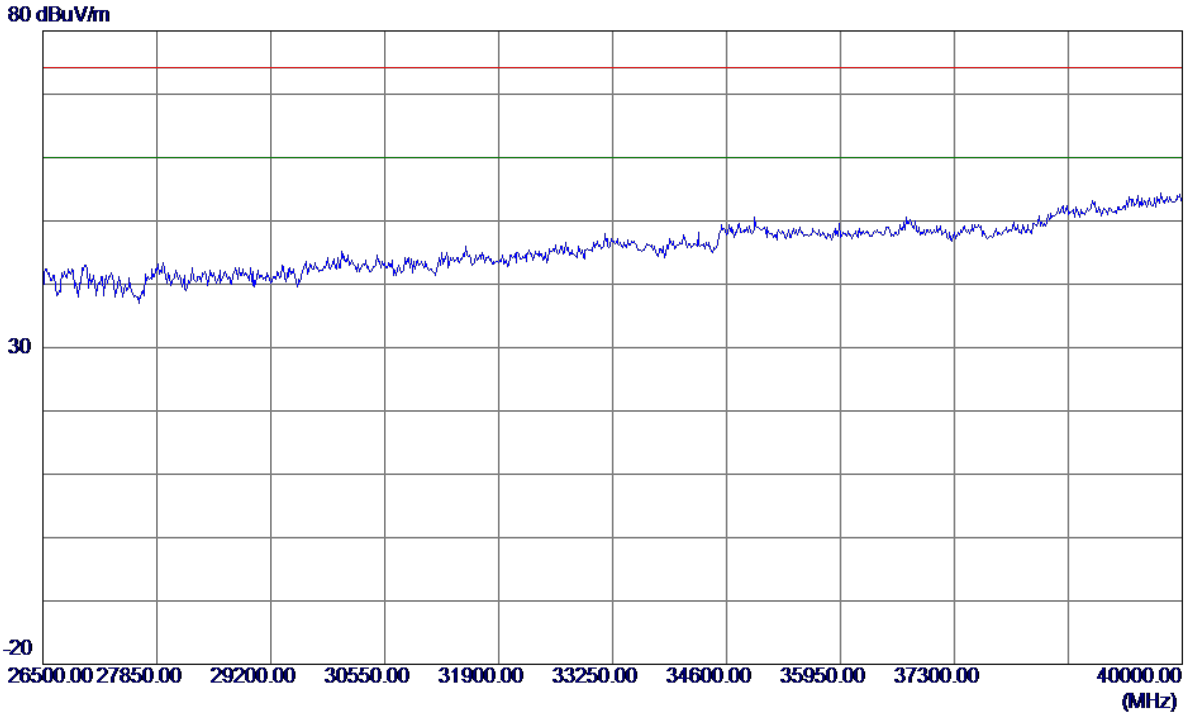
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

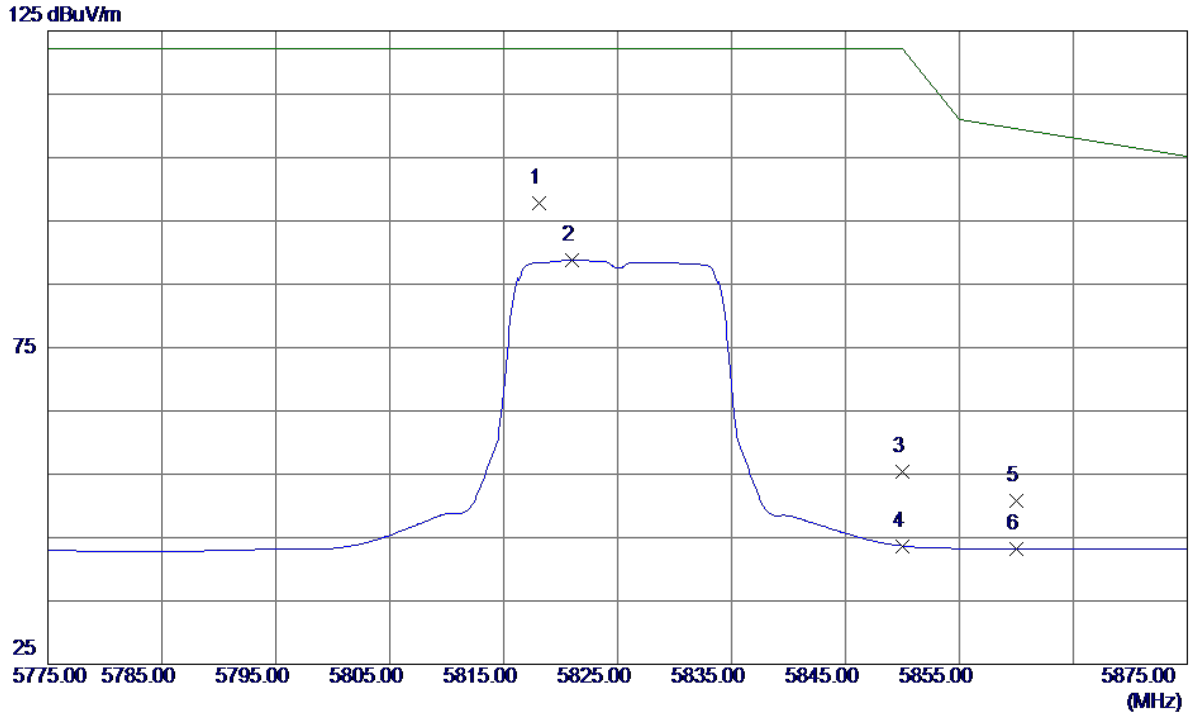
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

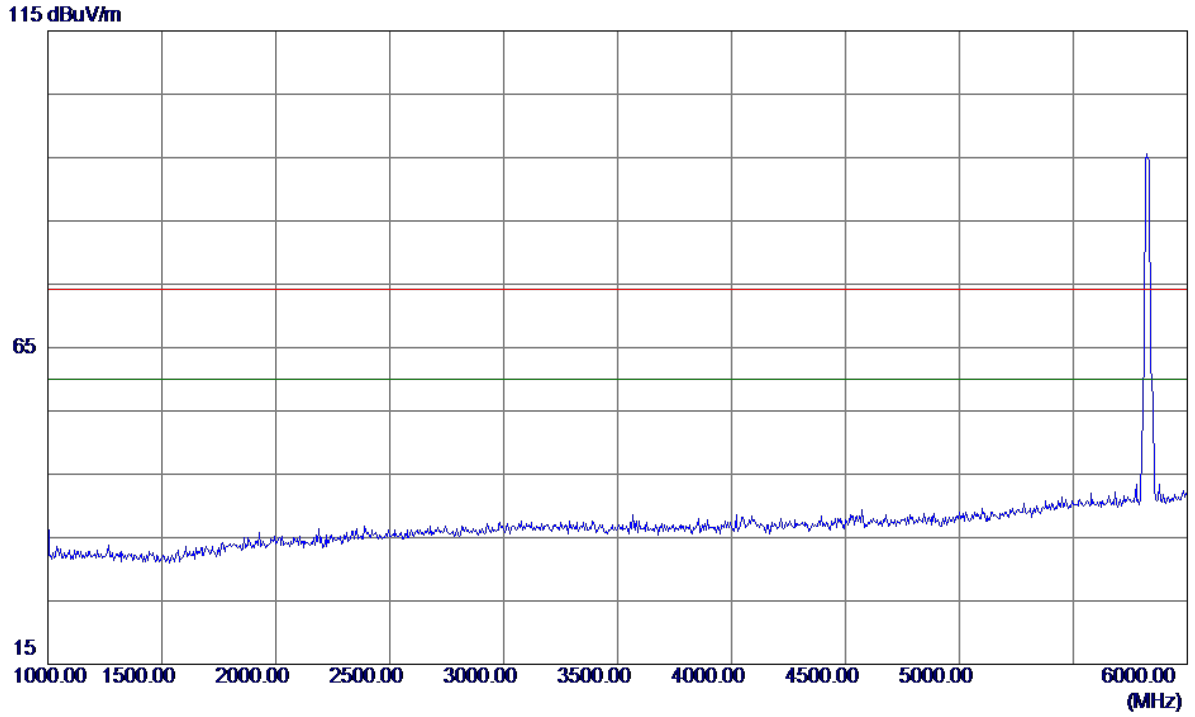
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5818.1000	54.60	43.25	97.85	122.30	-24.45	Peak	
2	5821.0000	45.56	43.26	88.82	122.30	-33.48	AVG	
3	5850.0000	11.96	43.36	55.32	122.30	-66.98	Peak	
4	5850.0000	0.32	43.36	43.68	122.30	-78.62	AVG	
5	5860.0000	7.44	43.39	50.83	109.50	-58.67	Peak	
6	5860.0000	-0.15	43.39	43.24	109.50	-66.26	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

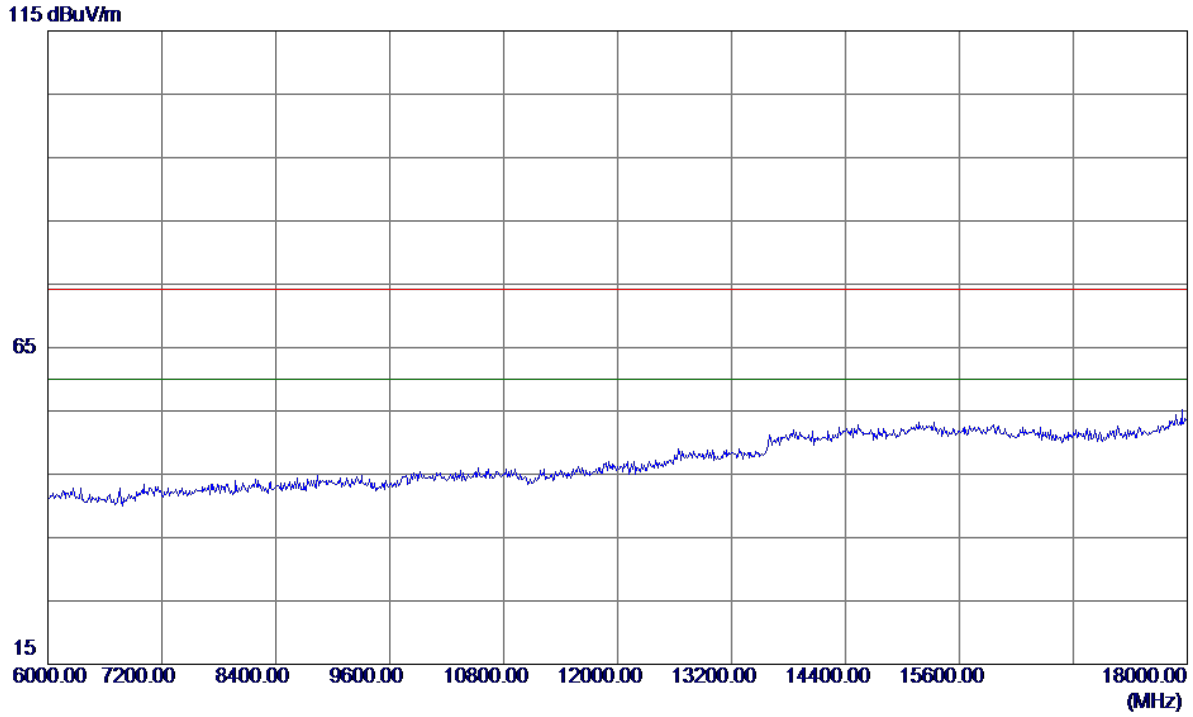
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

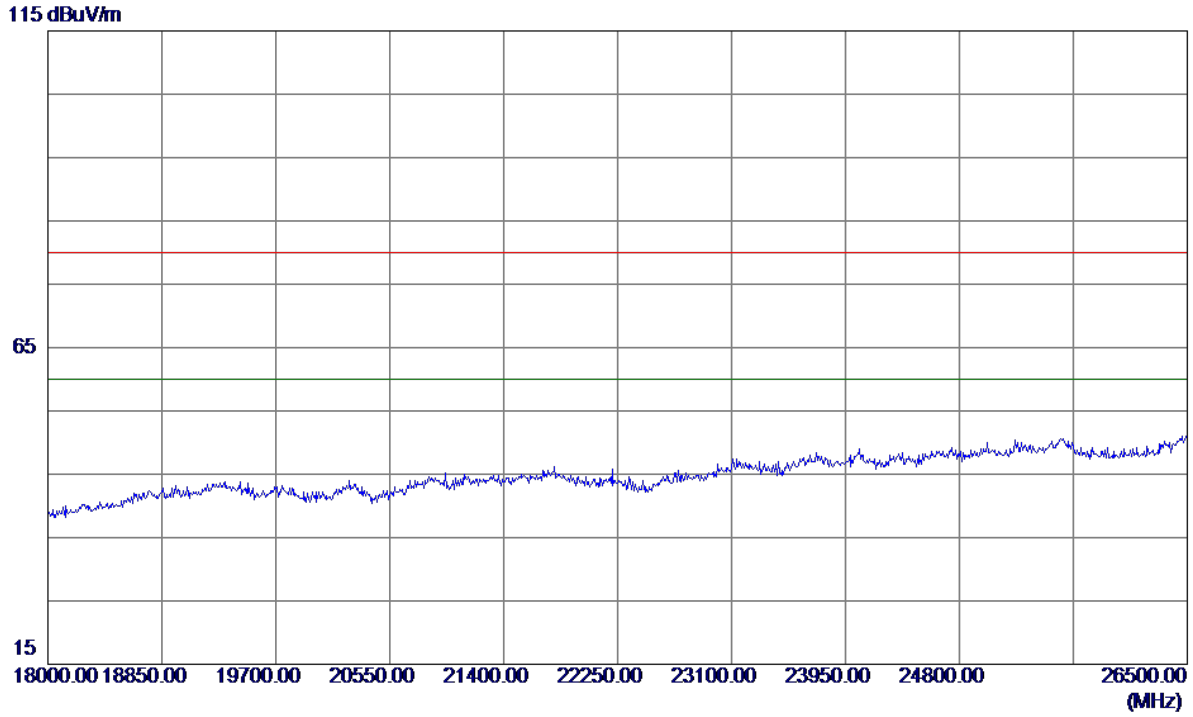
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

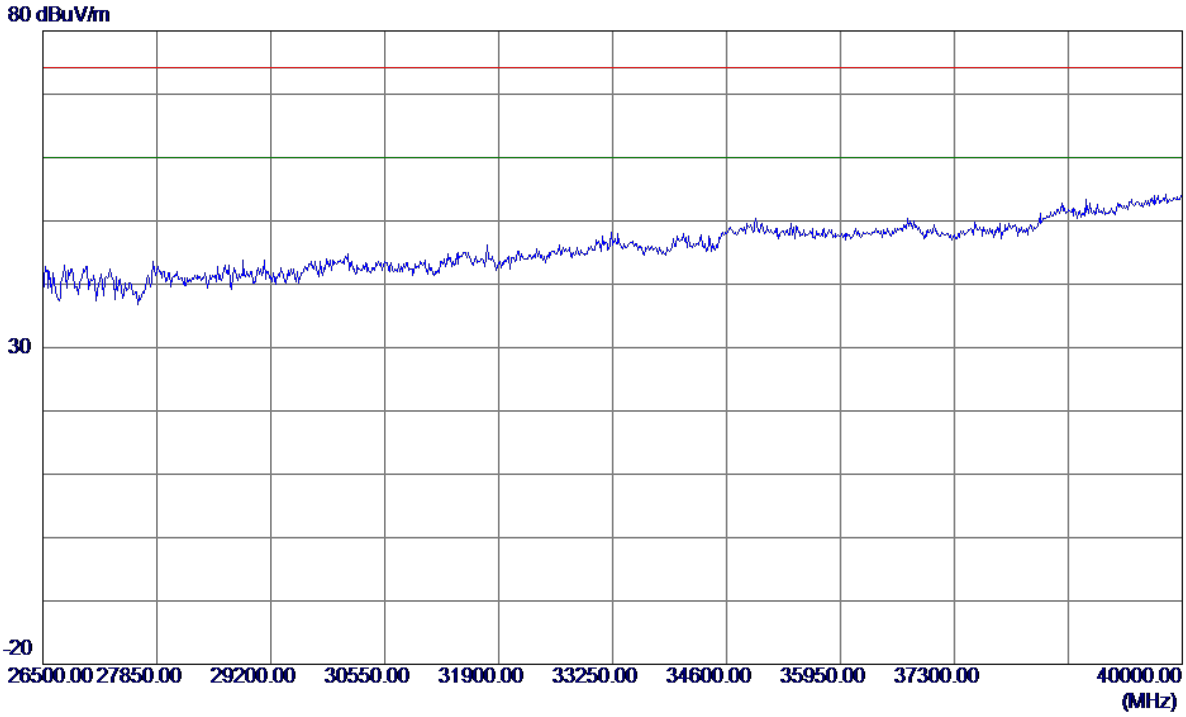
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

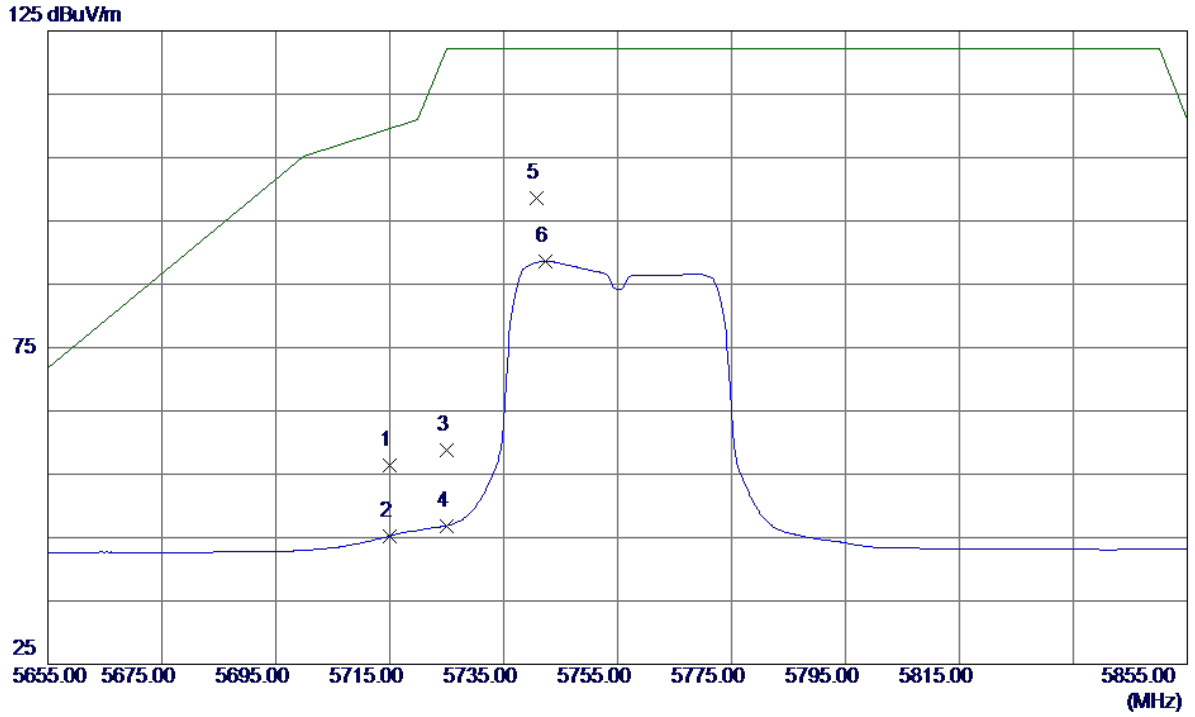
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

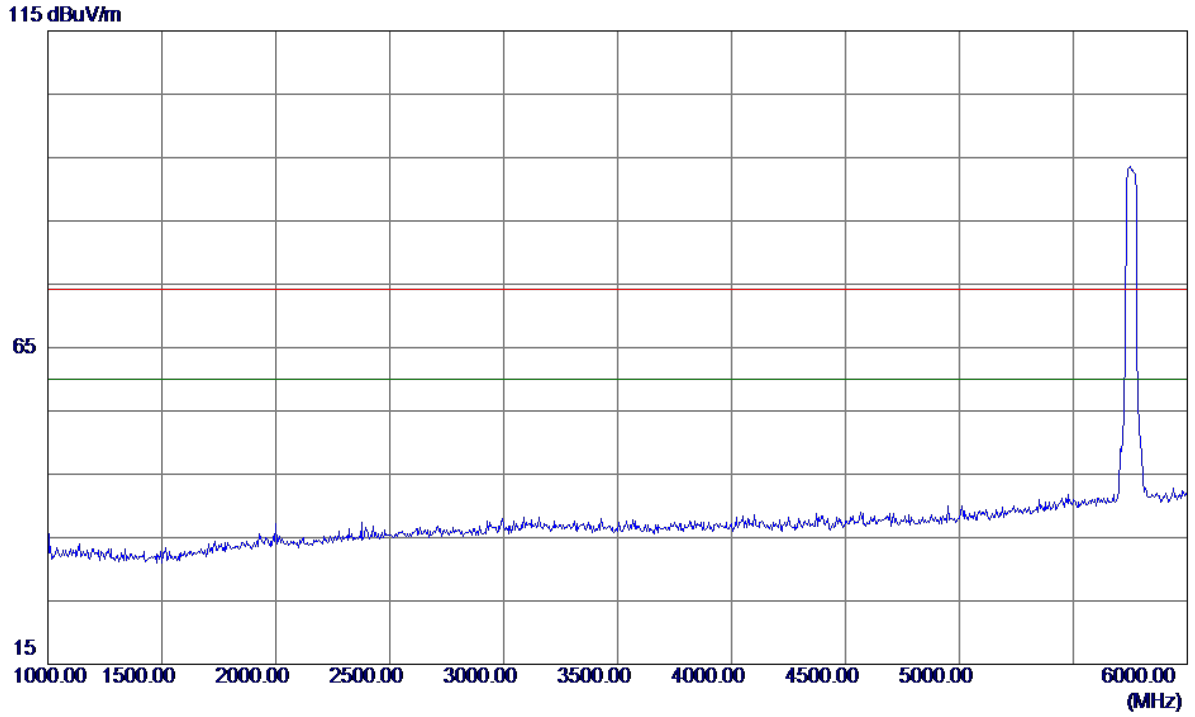
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.52	42.90	56.42	109.50	-53.08	Peak	
2	5715.0000	2.32	42.90	45.22	109.50	-64.28	AVG	
3	5725.0000	15.88	42.94	58.82	122.30	-63.48	Peak	
4	5725.0000	3.95	42.94	46.89	122.30	-75.41	AVG	
5 *	5740.8000	55.70	42.99	98.69	122.30	-23.61	Peak	
6	5742.4000	45.65	42.99	88.64	122.30	-33.66	AVG	

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

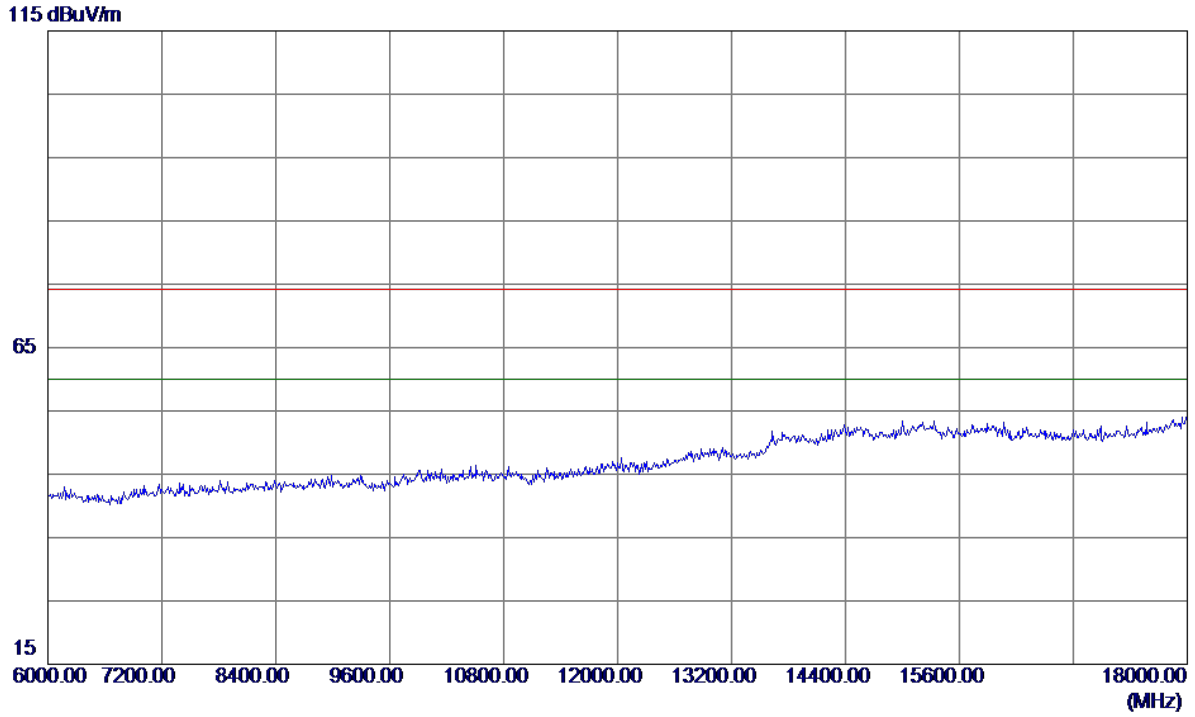
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

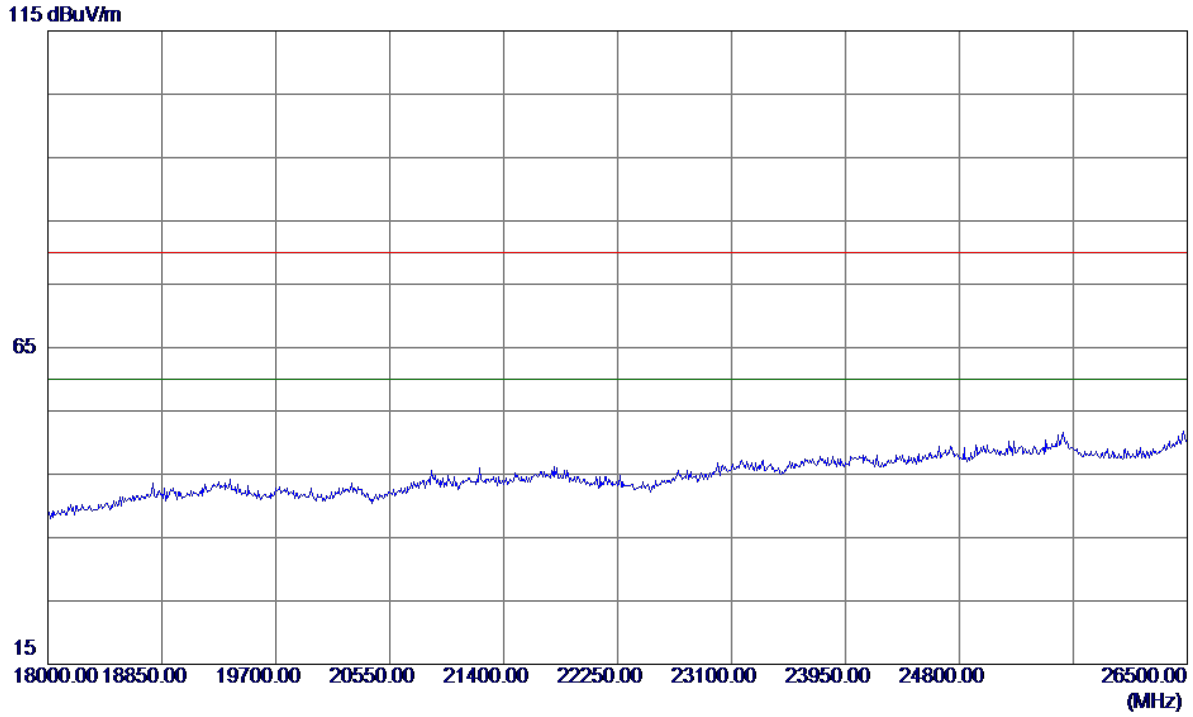
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

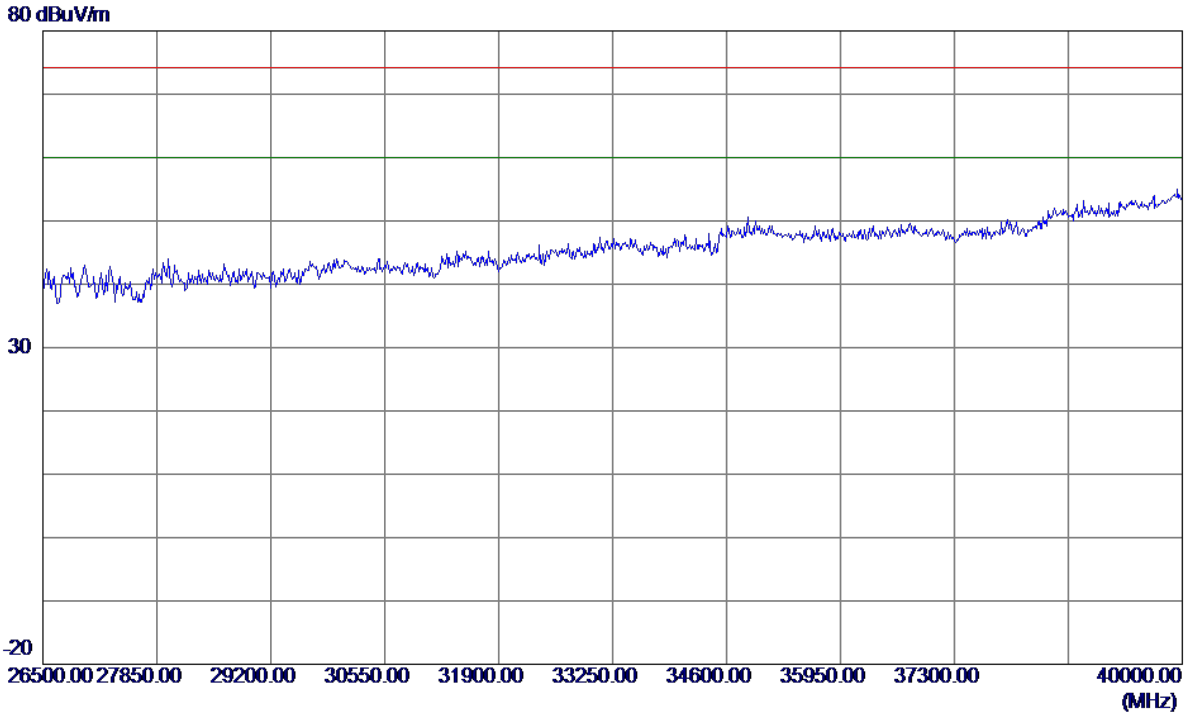
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

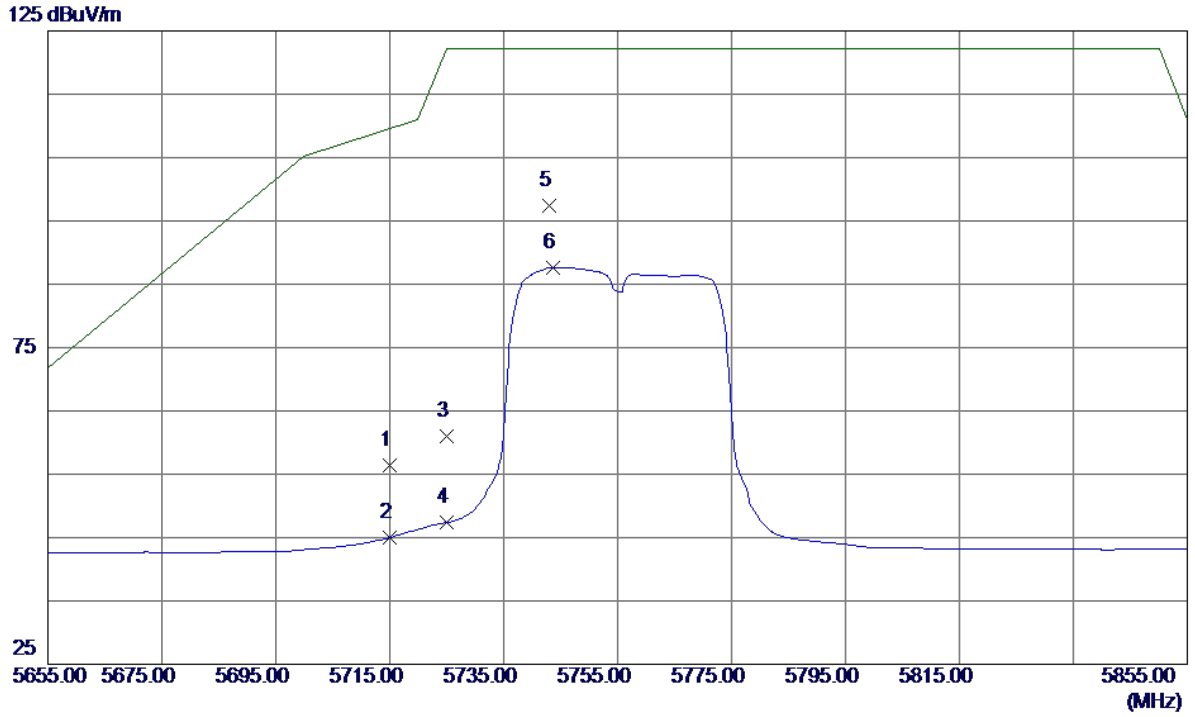
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

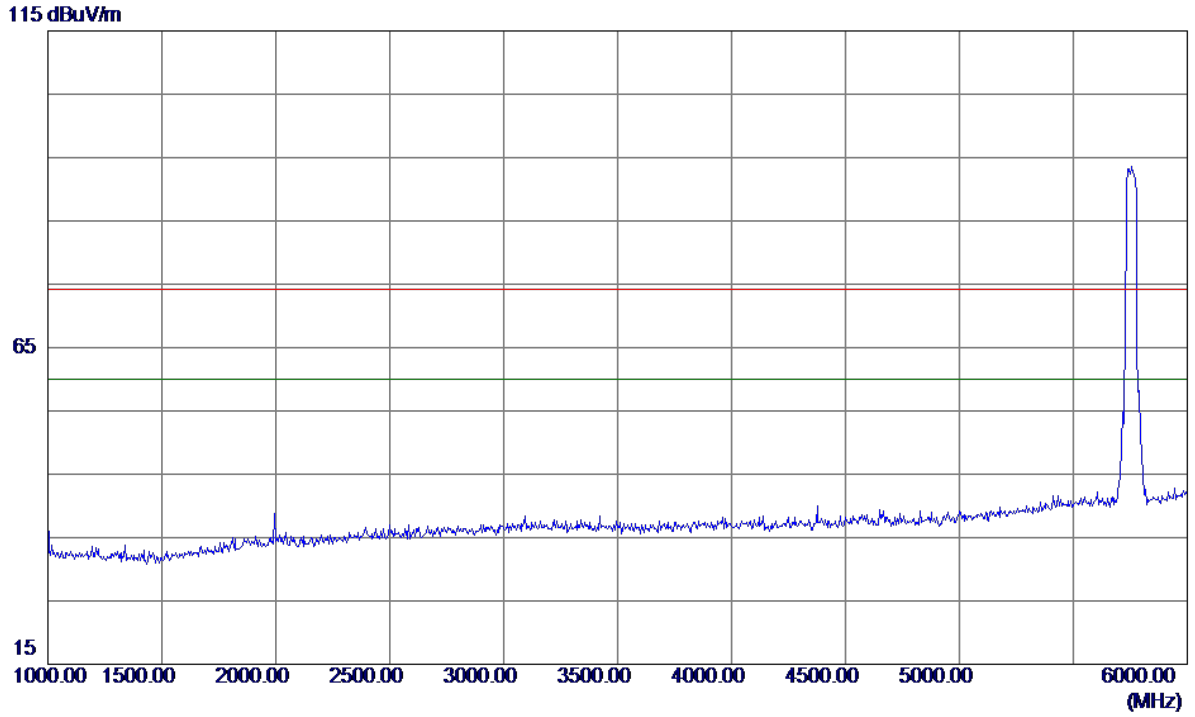
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.42	42.90	56.32	109.50	-53.18	Peak	
2	5715.0000	2.09	42.90	44.99	109.50	-64.51	AVG	
3	5725.0000	18.07	42.94	61.01	122.30	-61.29	Peak	
4	5725.0000	4.44	42.94	47.38	122.30	-74.92	AVG	
5 *	5743.0000	54.42	43.00	97.42	122.30	-24.88	Peak	
6	5743.6000	44.62	43.00	87.62	122.30	-34.68	AVG	

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

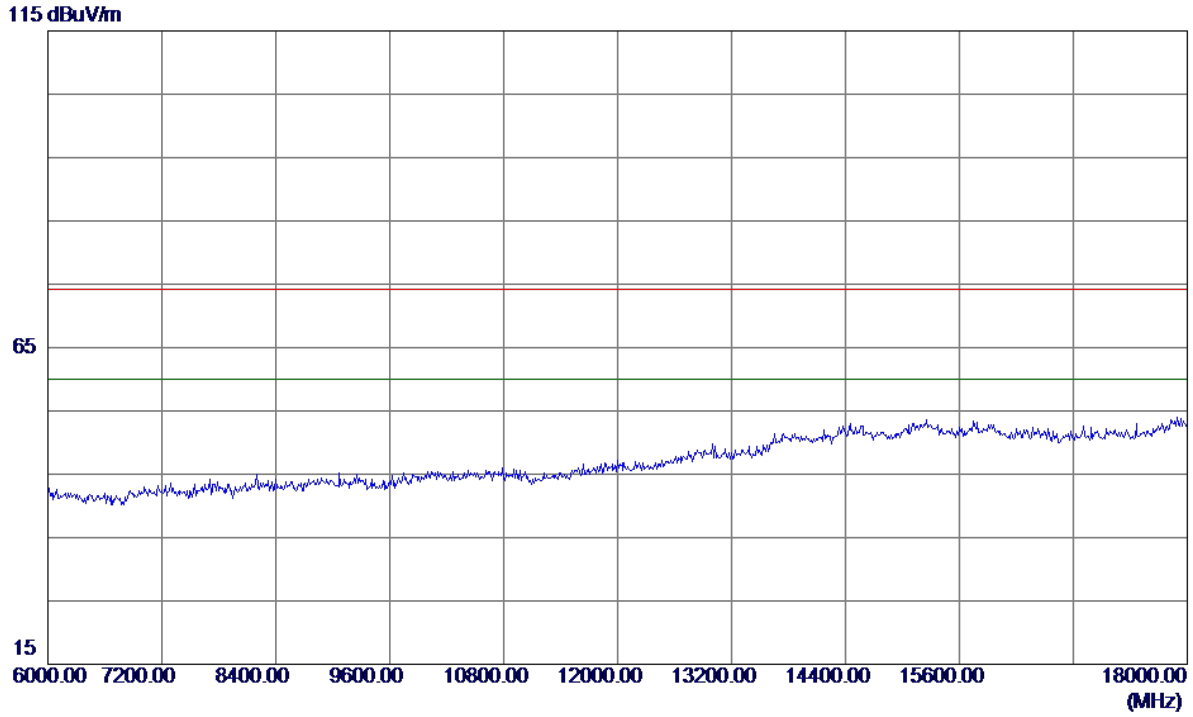
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

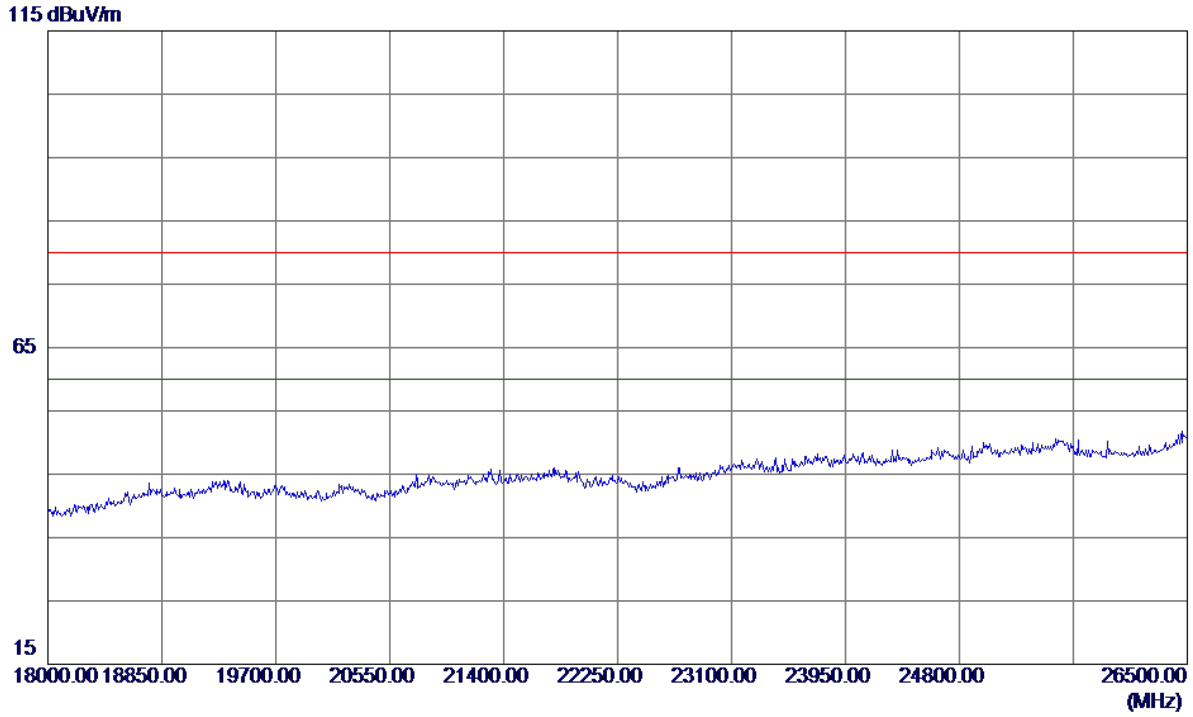
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

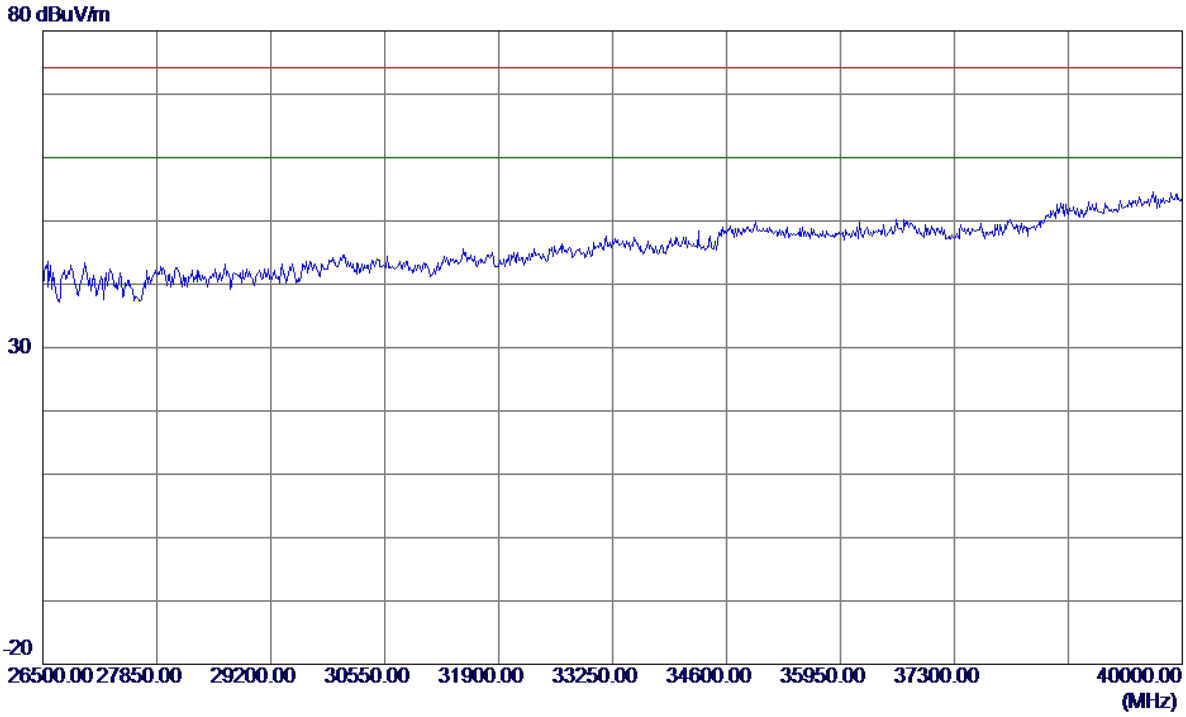
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

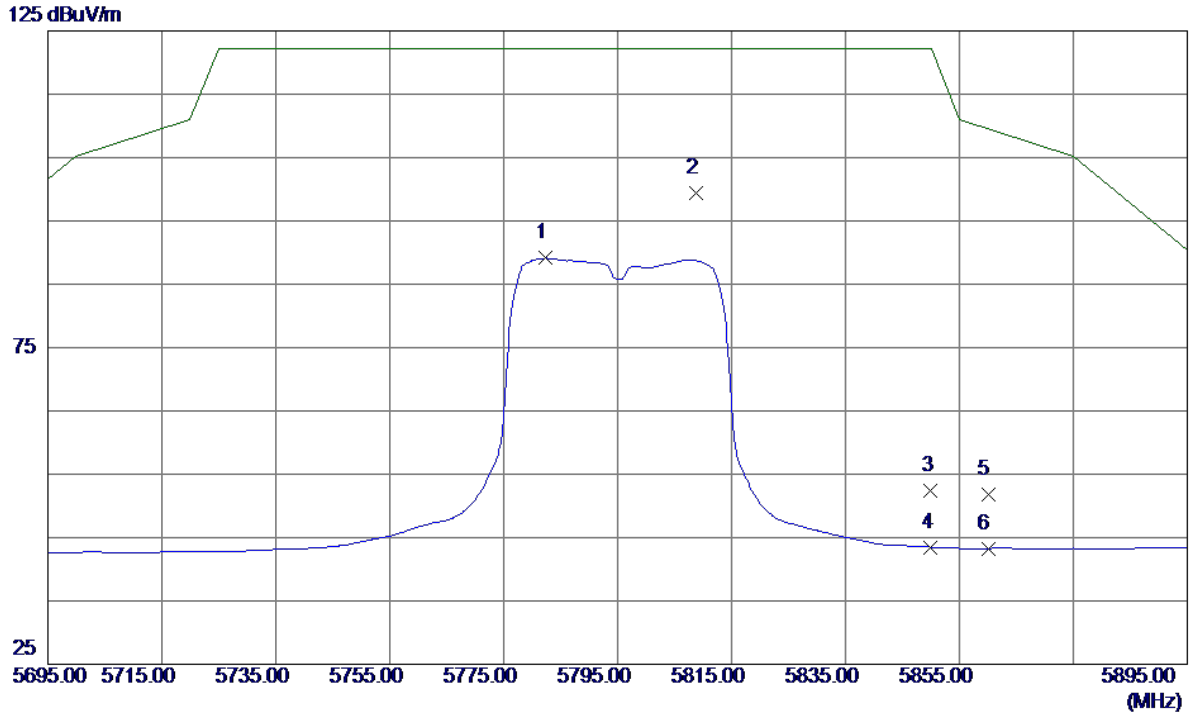
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

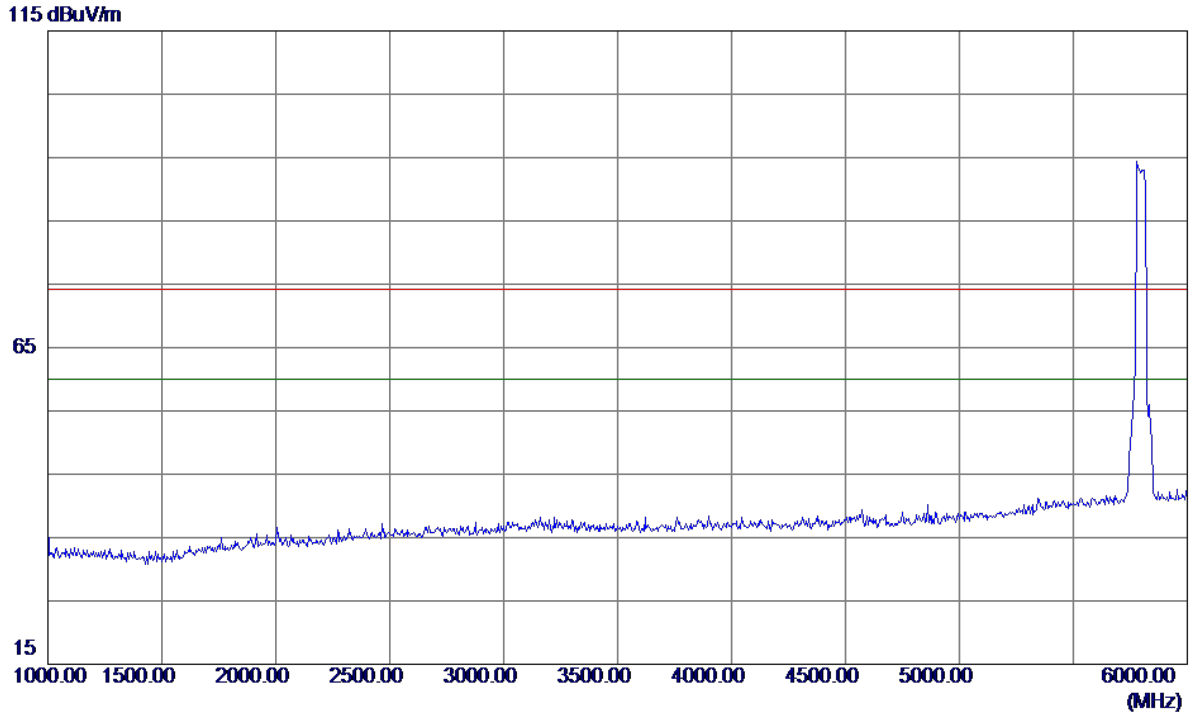
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5782.4000	45.98	43.13	89.11	122.30	-33.19	AVG	
2 *	5808.8000	56.27	43.22	99.49	122.30	-22.81	Peak	
3	5850.0000	9.08	43.36	52.44	122.30	-69.86	Peak	
4	5850.0000	0.11	43.36	43.47	122.30	-78.83	AVG	
5	5860.0000	8.48	43.39	51.87	109.50	-57.63	Peak	
6	5860.0000	-0.11	43.39	43.28	109.50	-66.22	AVG	

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

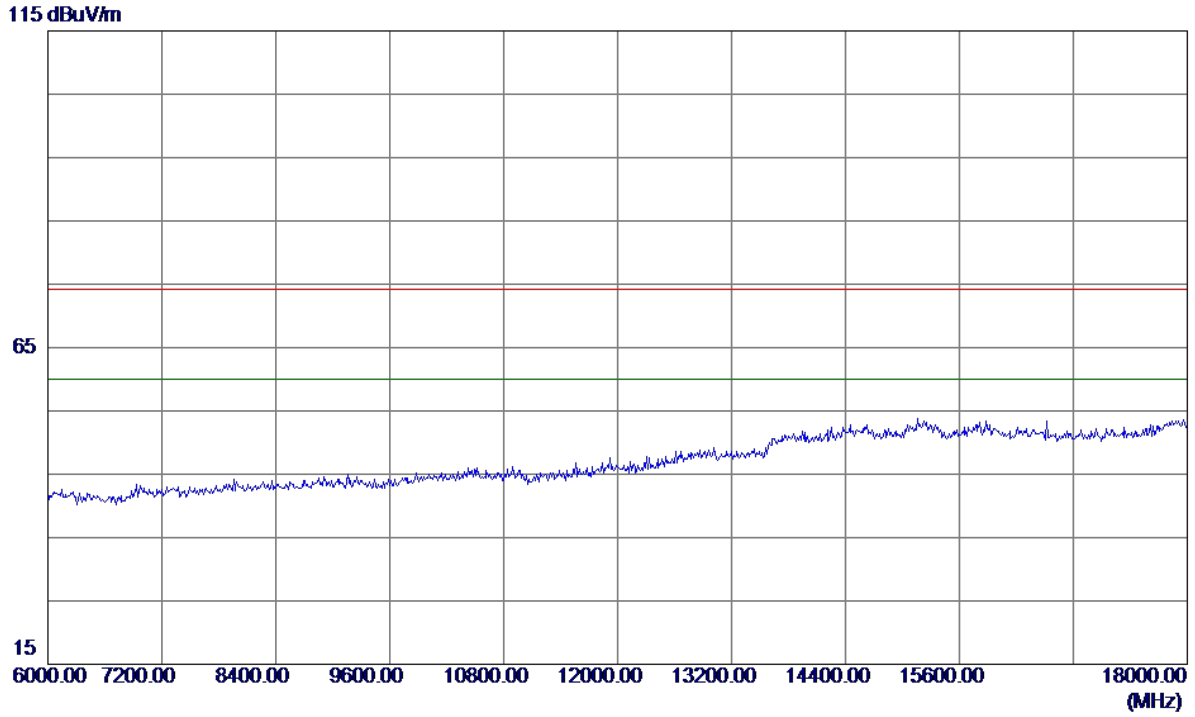
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

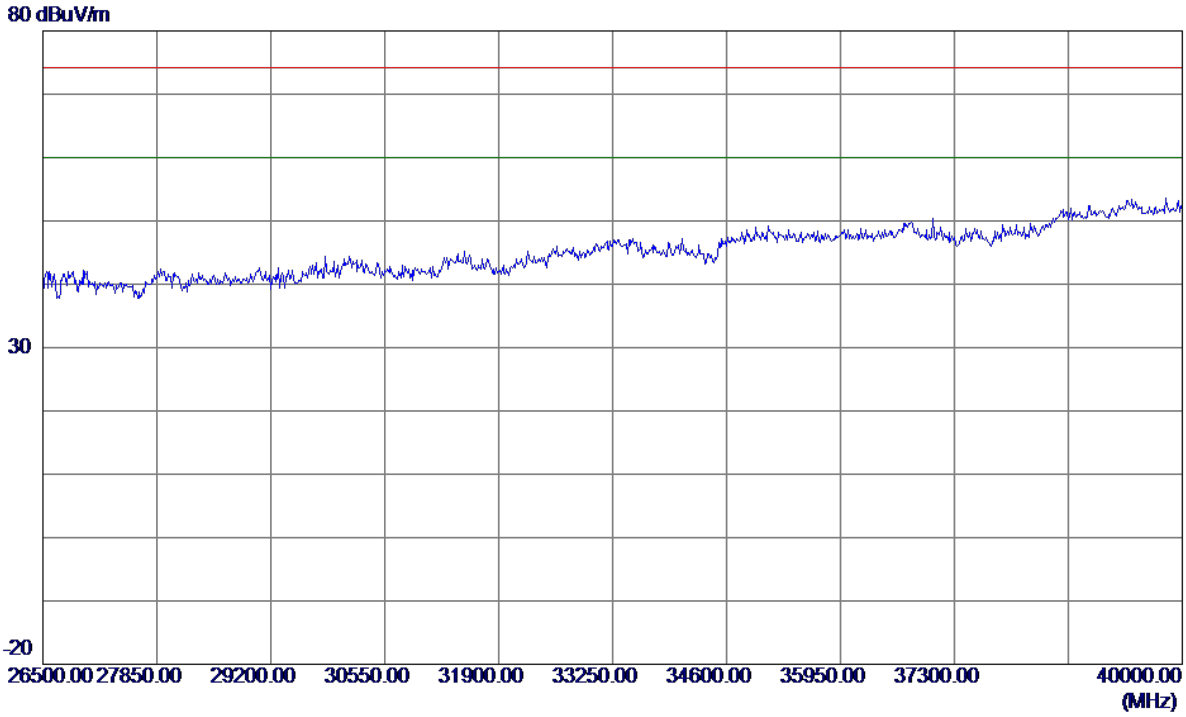
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

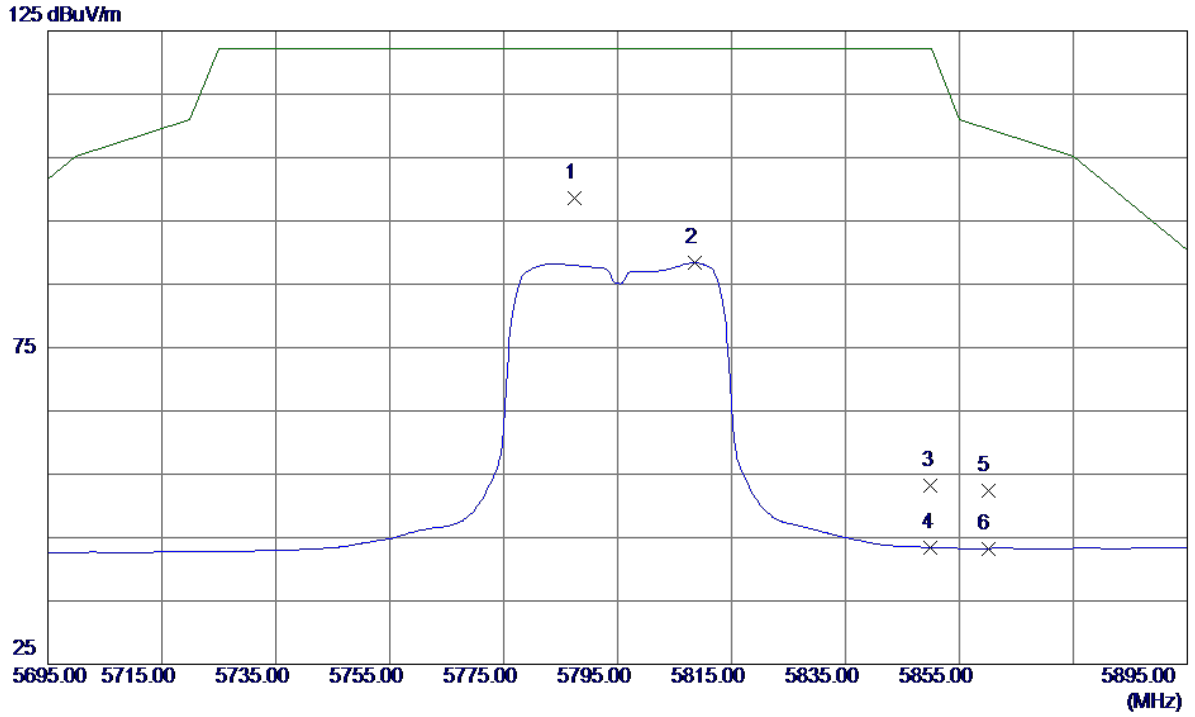
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

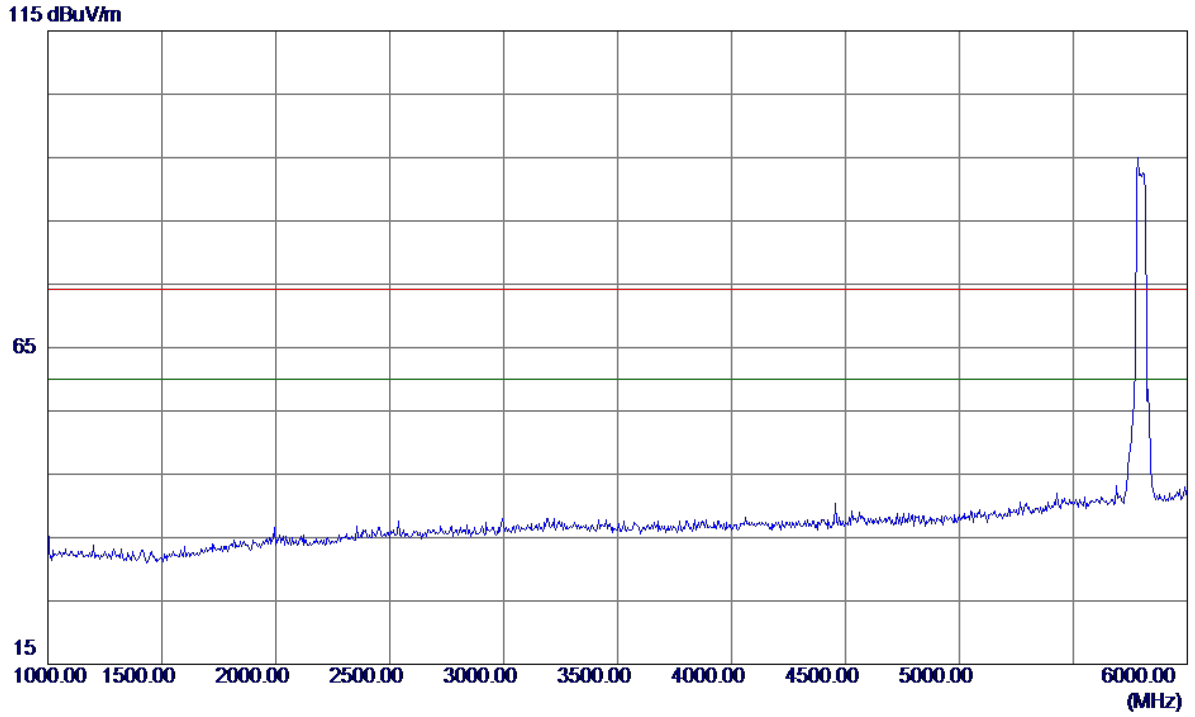
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5787.4000	55.43	43.15	98.58	122.30	-23.72	Peak	
2	5808.6000	45.12	43.22	88.34	122.30	-33.96	AVG	
3	5850.0000	9.92	43.36	53.28	122.30	-69.02	Peak	
4	5850.0000	0.05	43.36	43.41	122.30	-78.89	AVG	
5	5860.0000	8.97	43.39	52.36	109.50	-57.14	Peak	
6	5860.0000	-0.11	43.39	43.28	109.50	-66.22	AVG	

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

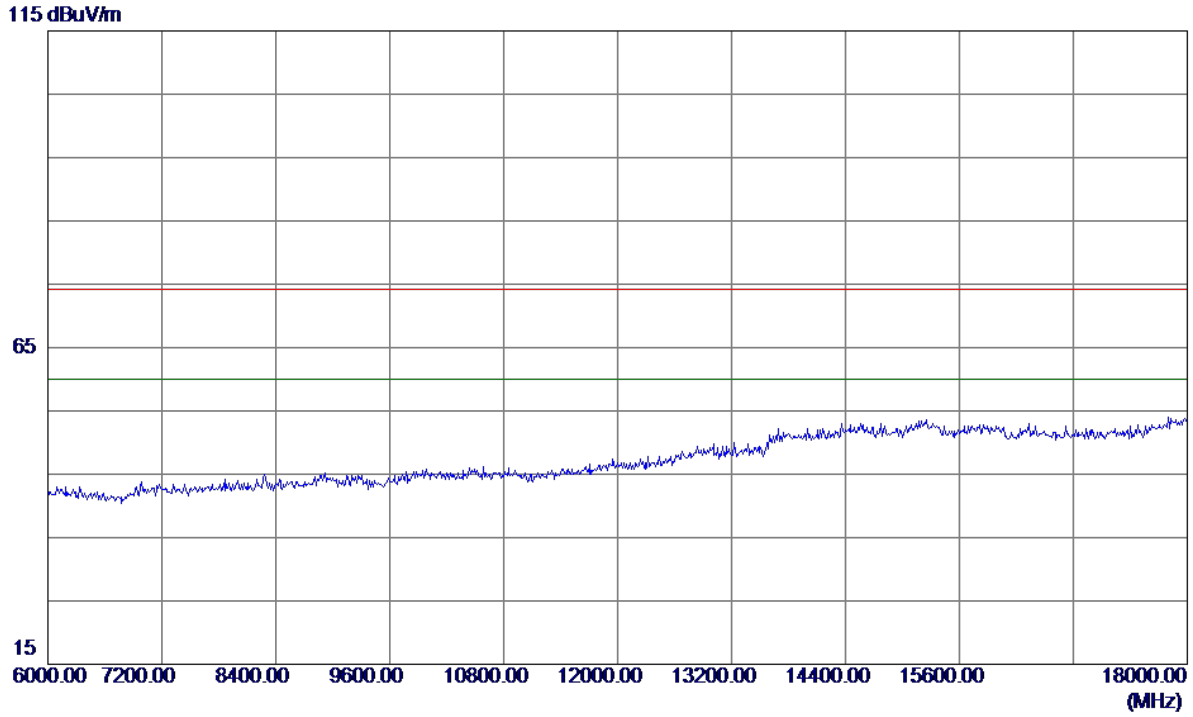
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

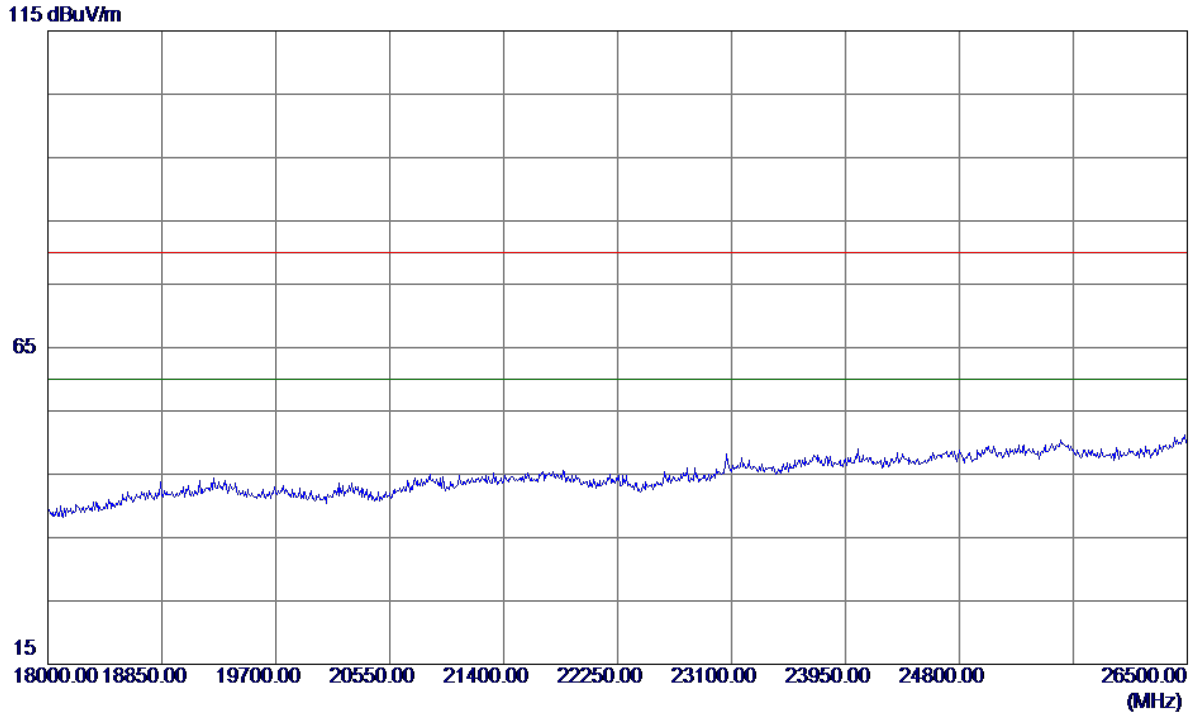
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

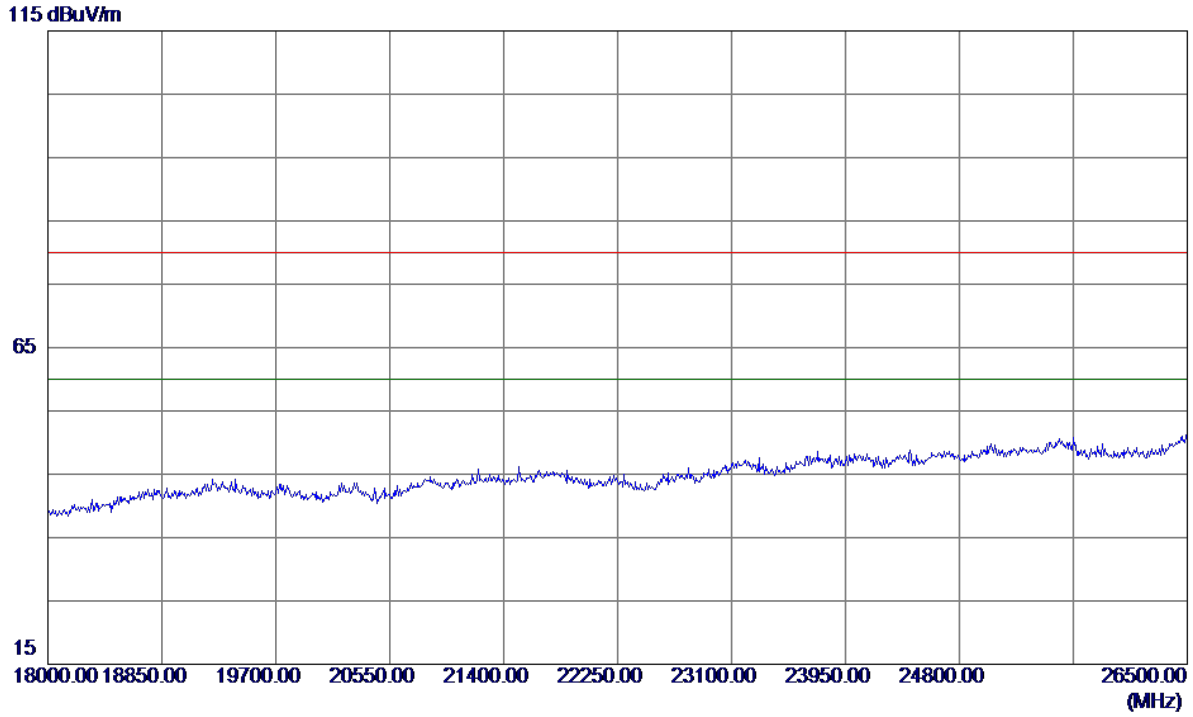
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

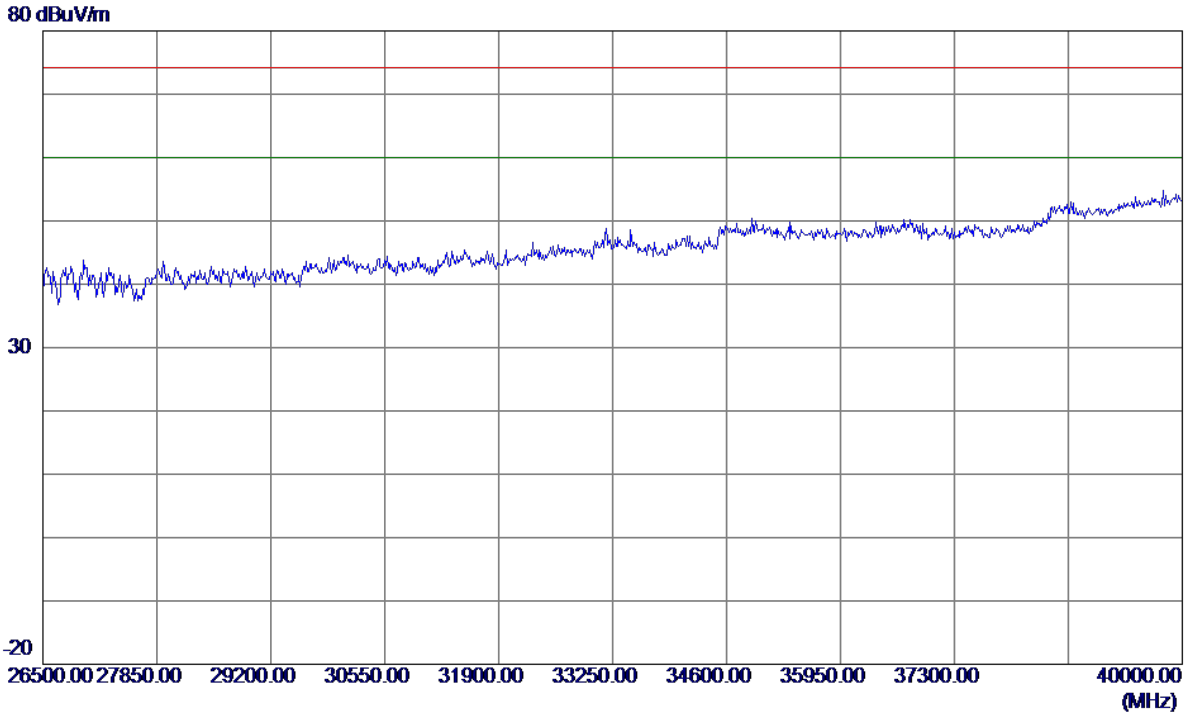
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

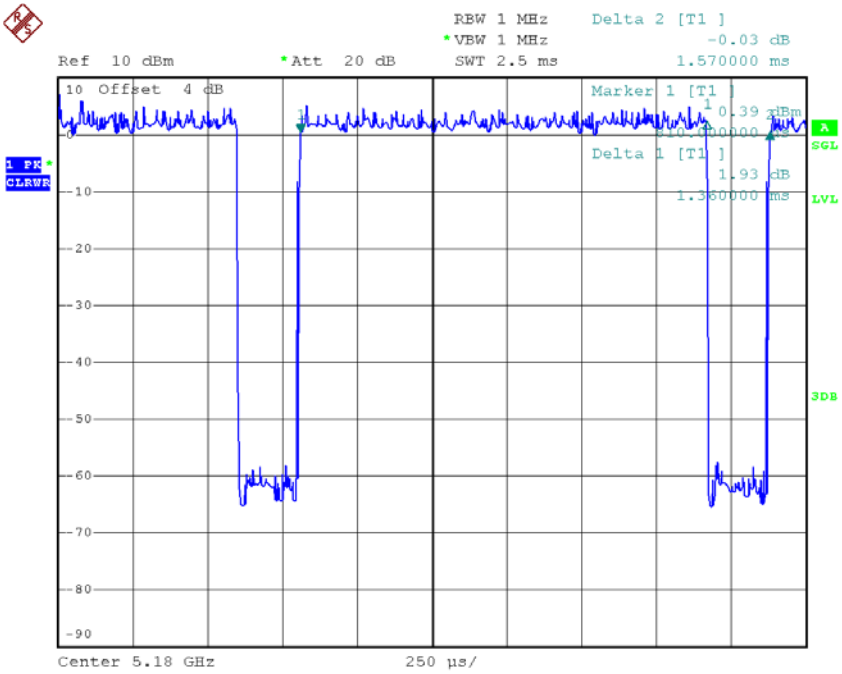
T_{ON}: 1.36 msec

T_{Total}: 1.57 msec

Duty cycle: 86.62%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.62



Date: 9.MAY.2017 21:19:55

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}

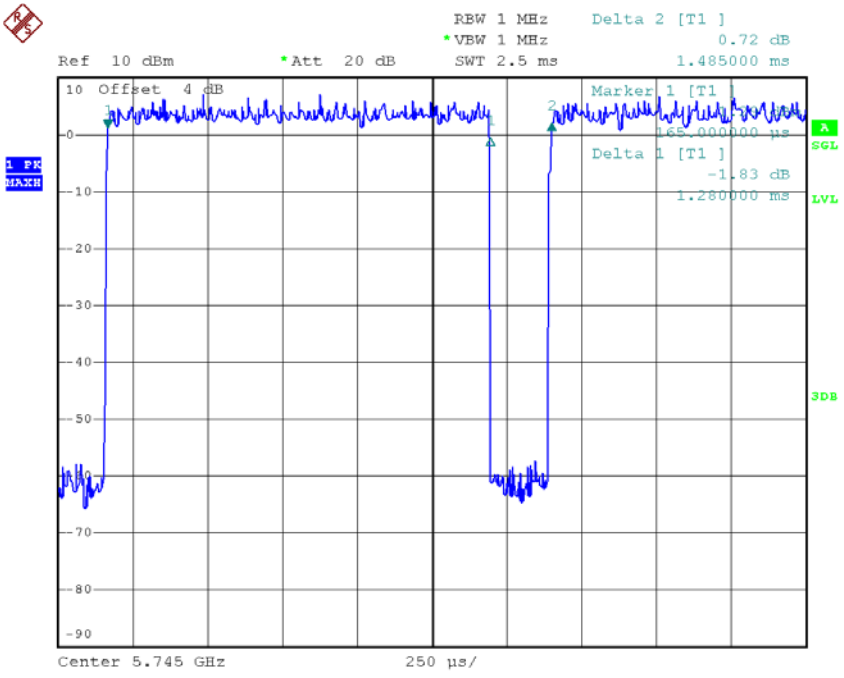
T_{ON}: 1.28 msec

T_{Total}: 1.48 msec

Duty cycle: 86.49%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.63



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

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

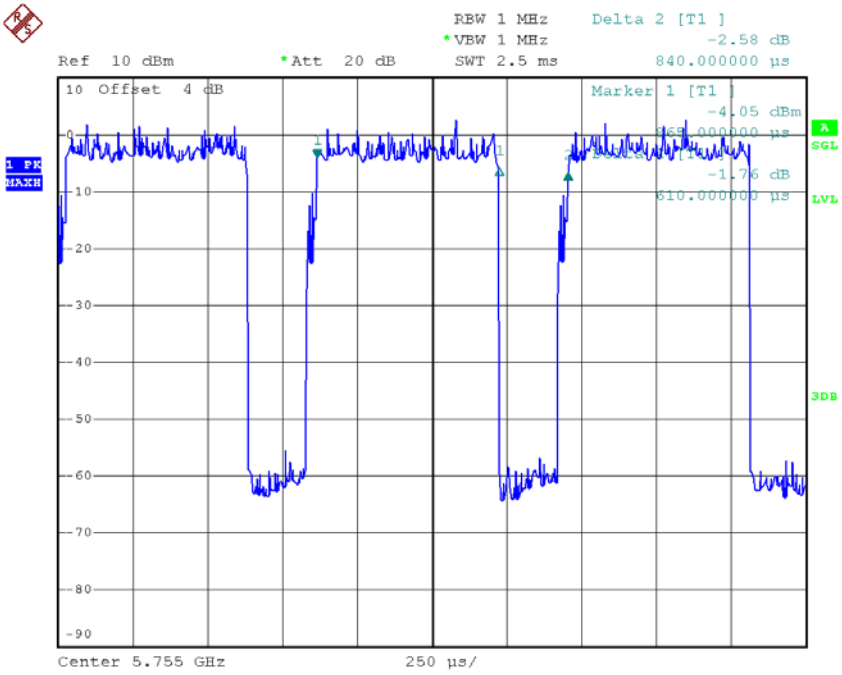
T_{ON}: 0.61 msec

T_{Total}: 0.84 msec

Duty cycle: 72.62%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.39



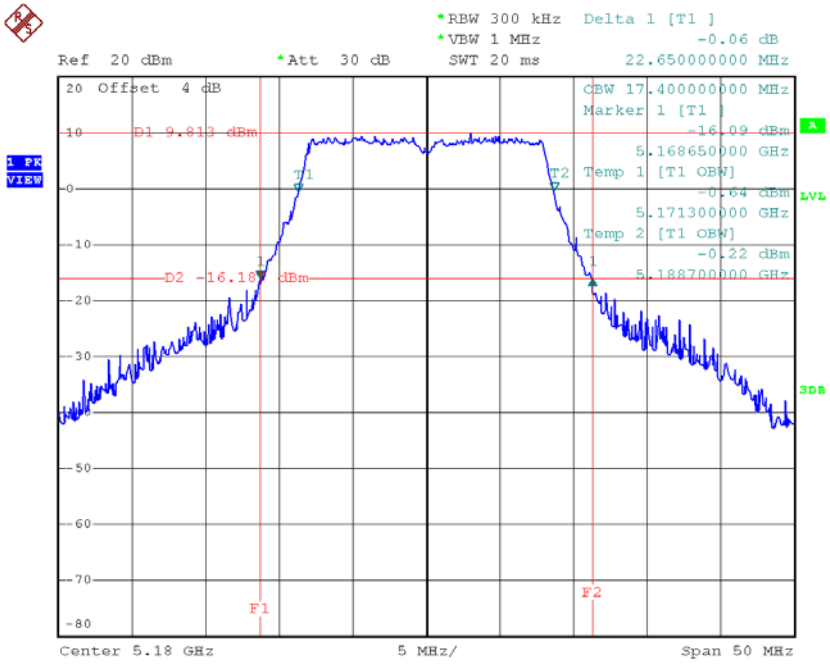
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

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

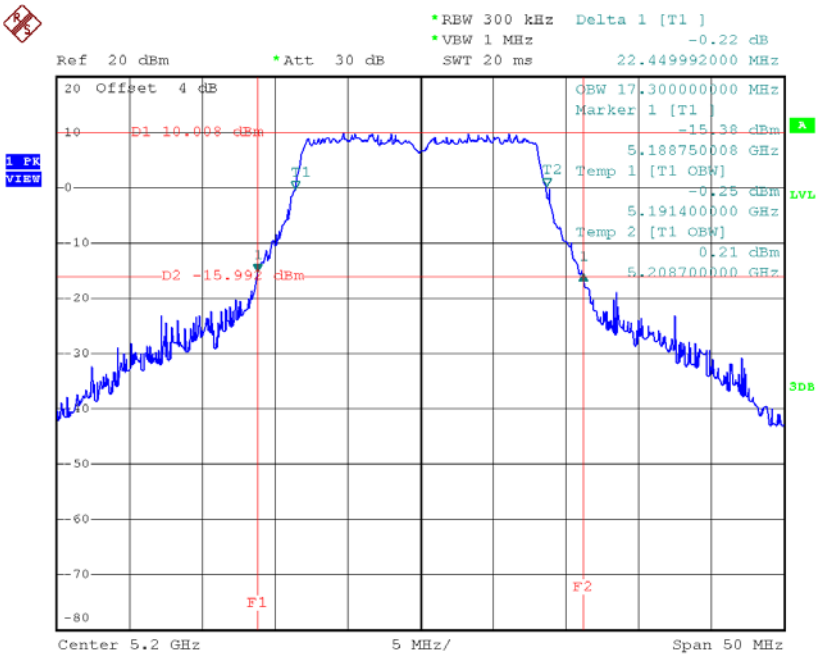
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.65	17.40
CH40	5200	22.45	17.30
CH48	5240	22.59	17.30

TX CH36



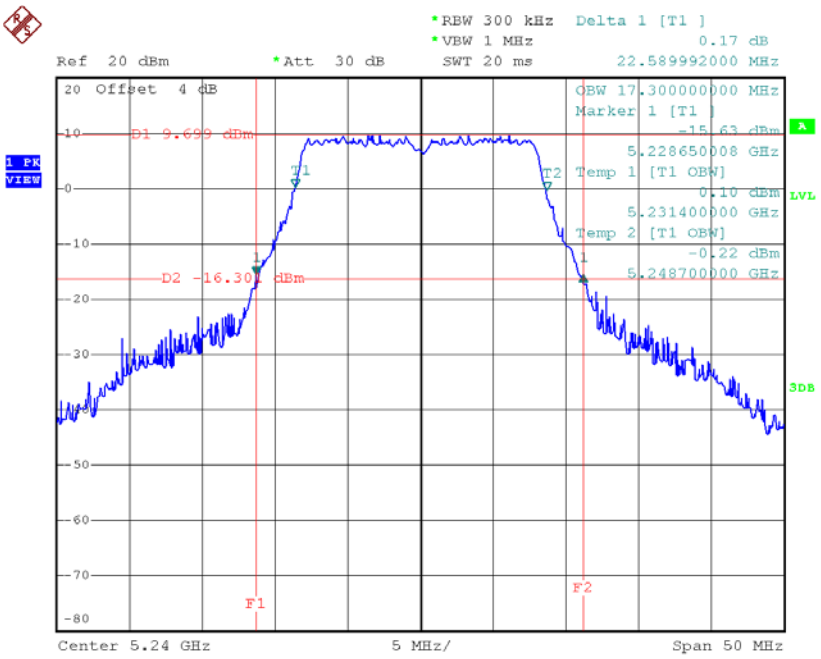
Date: 9.MAY.2017 20:29:31

TX CH40



Date: 9.MAY.2017 20:31:35

TX CH48

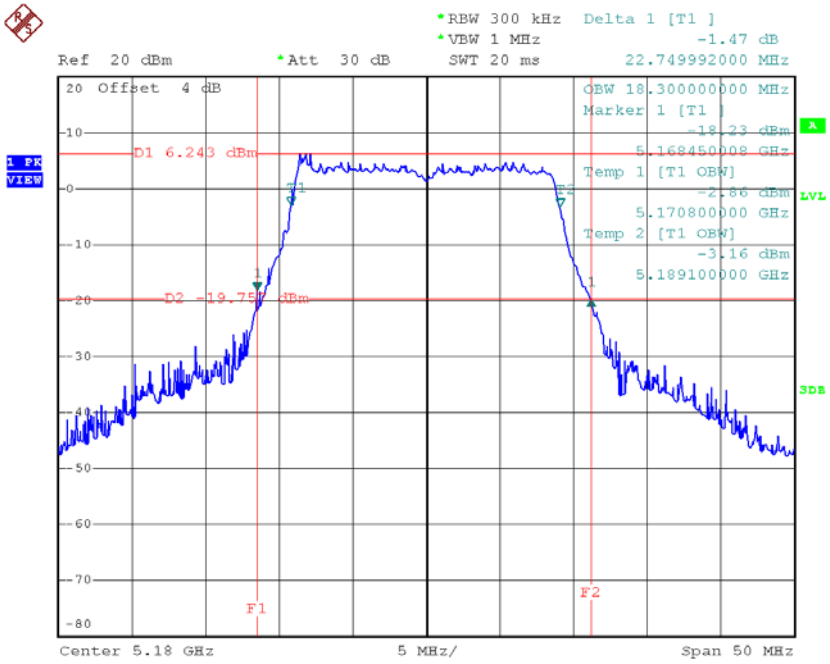


Date: 9.MAY.2017 20:32:28

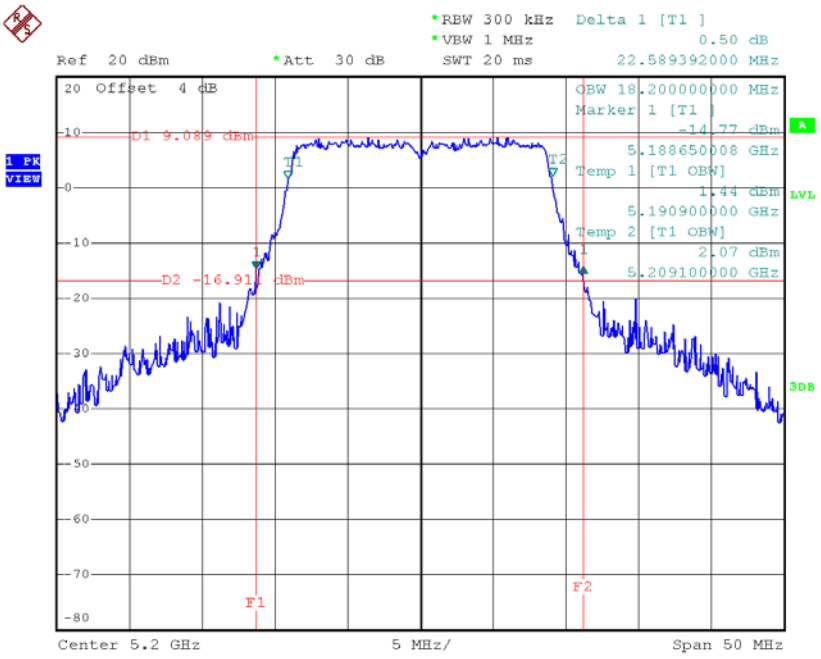
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.75	18.30
CH40	5200	22.59	18.20
CH48	5240	22.79	18.20

TX CH36

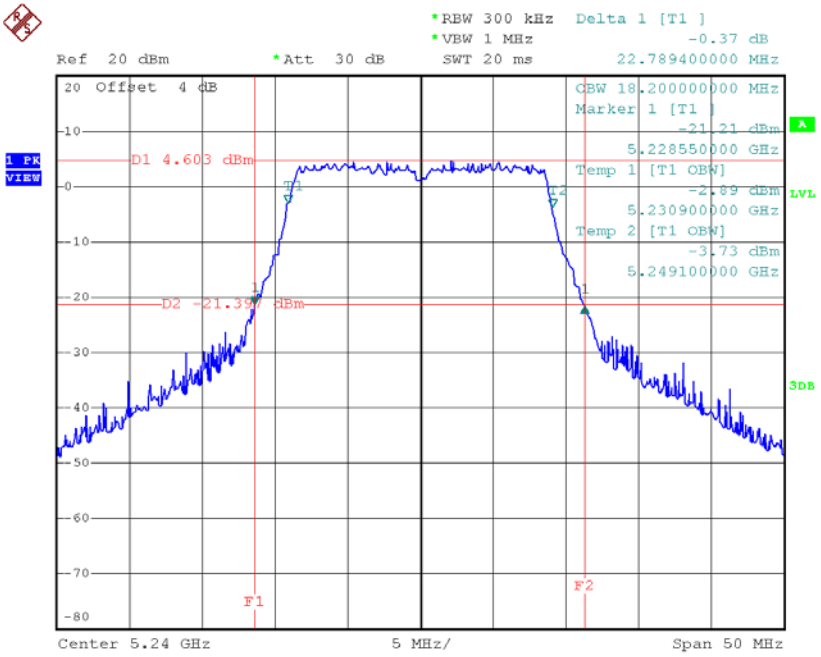


TX CH40



Date: 9.MAY.2017 20:42:26

TX CH48

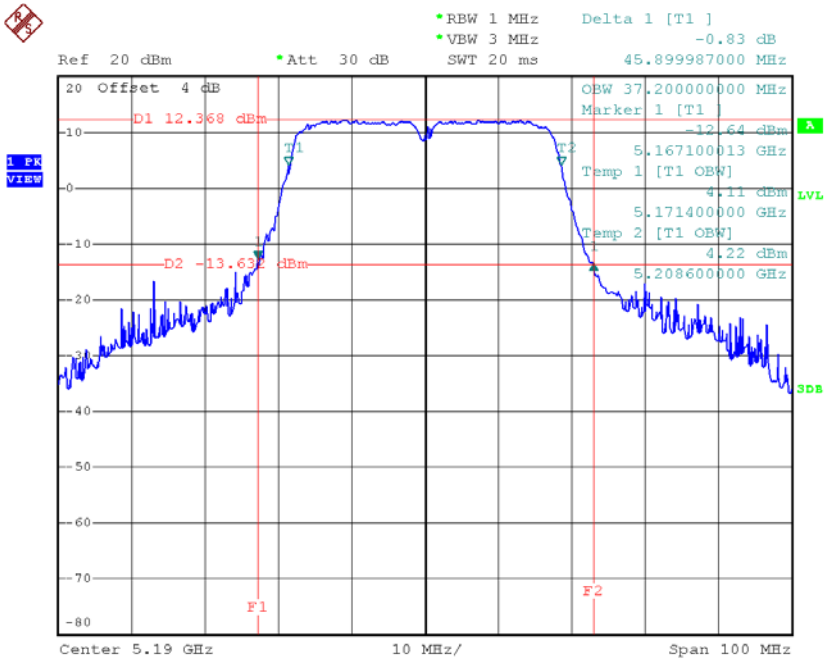


Date: 9.MAY.2017 20:43:13

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

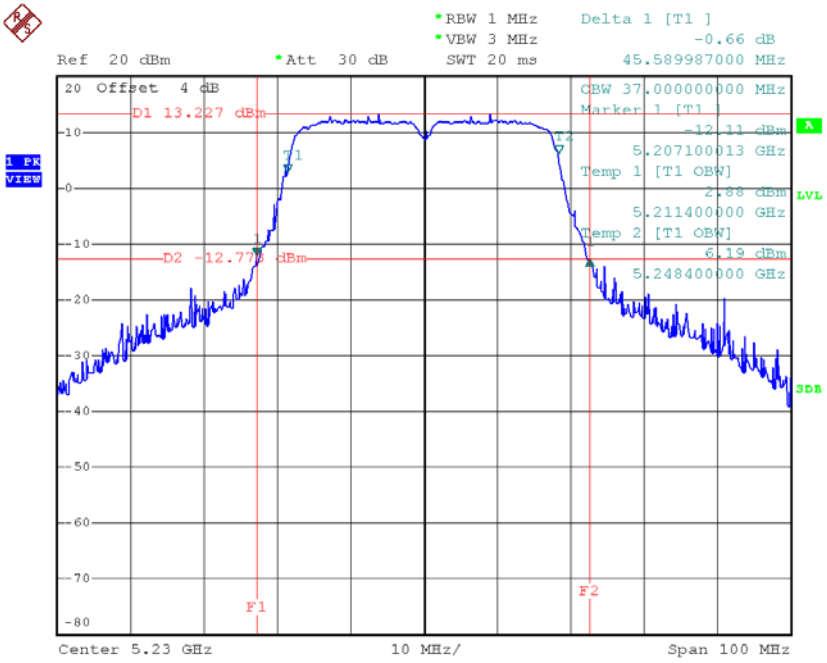
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	45.90	37.20
CH46	5230	45.59	37.00

TX CH38



Date: 9.MAY.2017 20:53:23

TX CH46

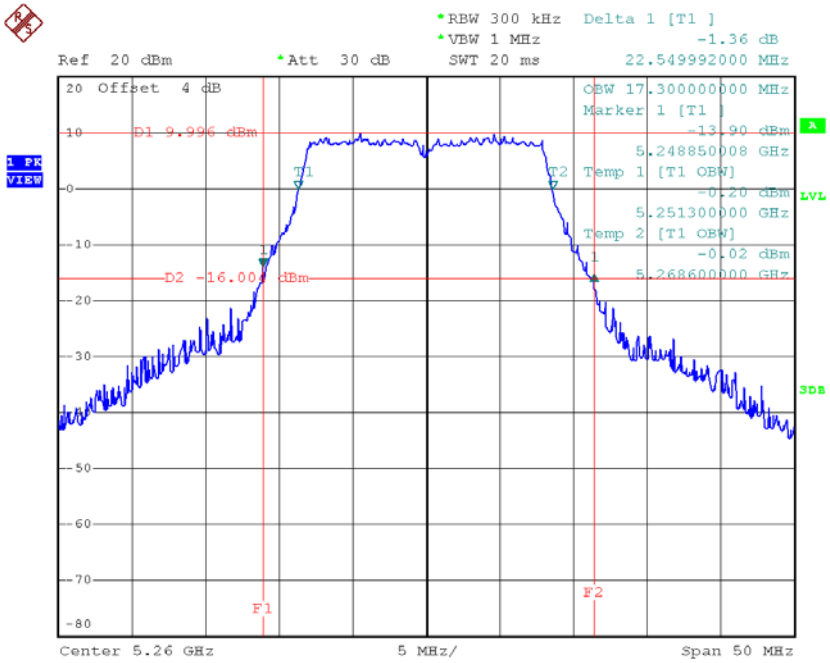


Date: 9.MAY.2017 20:55:27

Test Mode: UNII-2A/TX A Mode_CH52/CH60/CH64

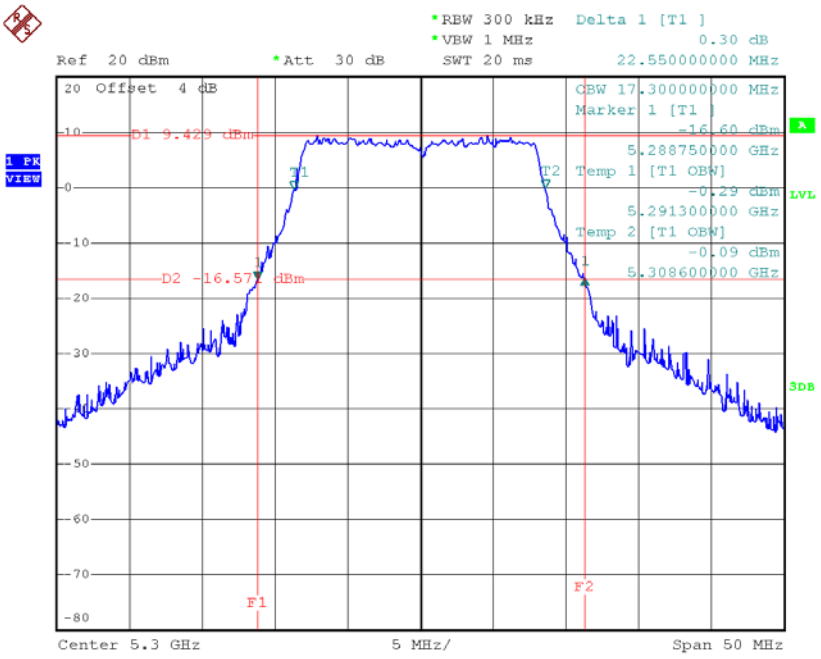
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.55	17.30
CH60	5300	22.55	17.30
CH64	5320	22.85	17.30

TX CH52



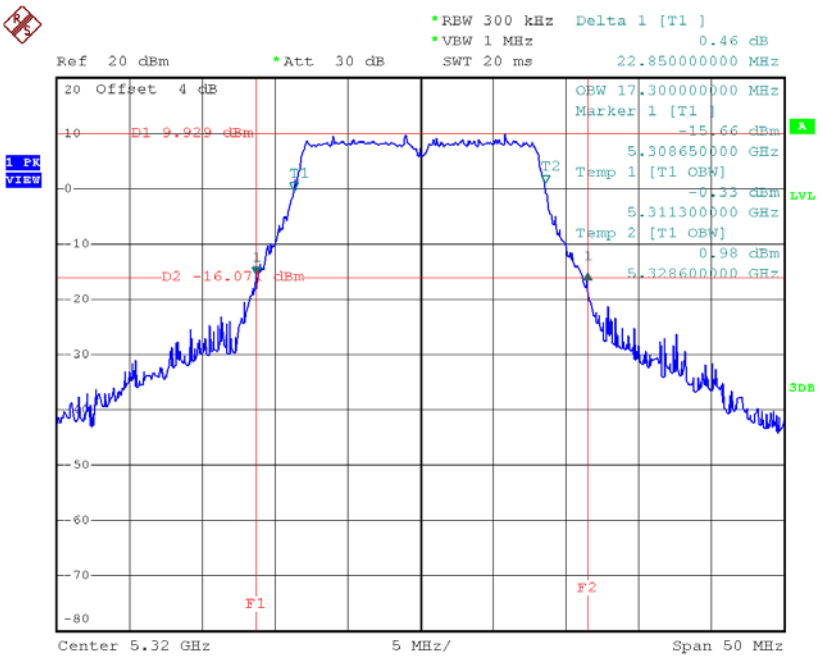
Date: 9.MAY.2017 20:33:15

TX CH60



Date: 9.MAY.2017 20:34:03

TX CH64

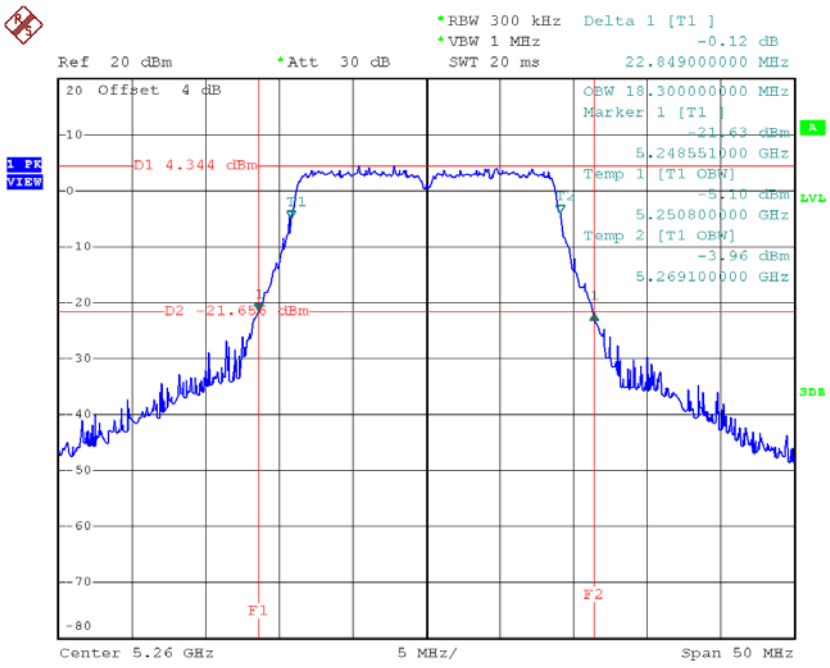


Date: 9.MAY.2017 20:34:51

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64

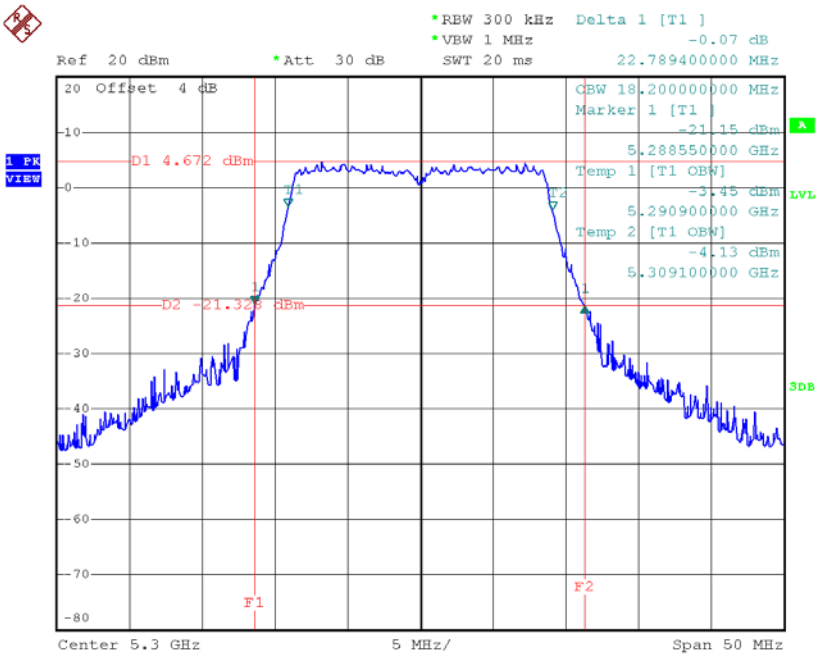
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.85	18.30
CH60	5300	22.79	18.20
CH64	5320	22.90	18.20

TX CH52



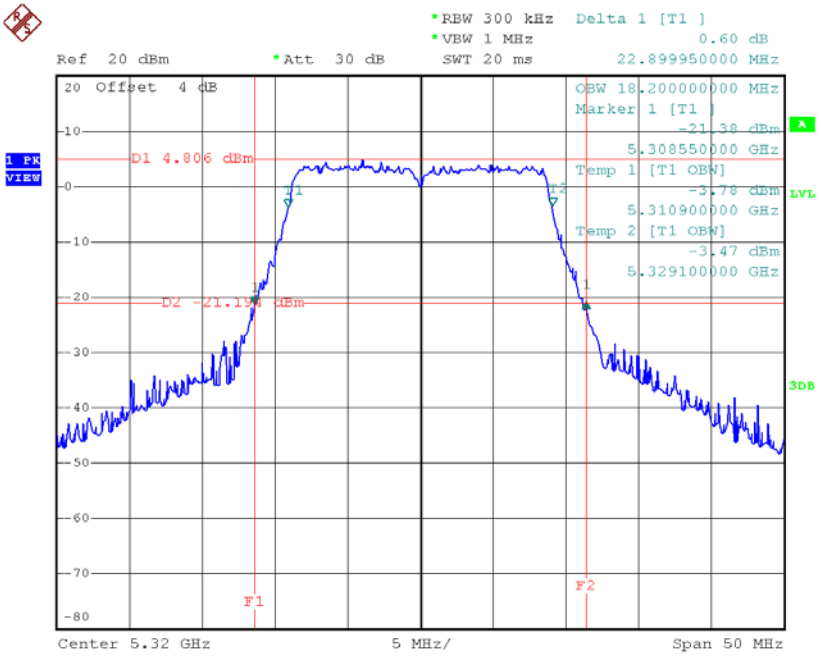
Date: 9.MAY.2017 20:44:24

TX CH60



Date: 9.MAY.2017 20:45:12

TX CH64

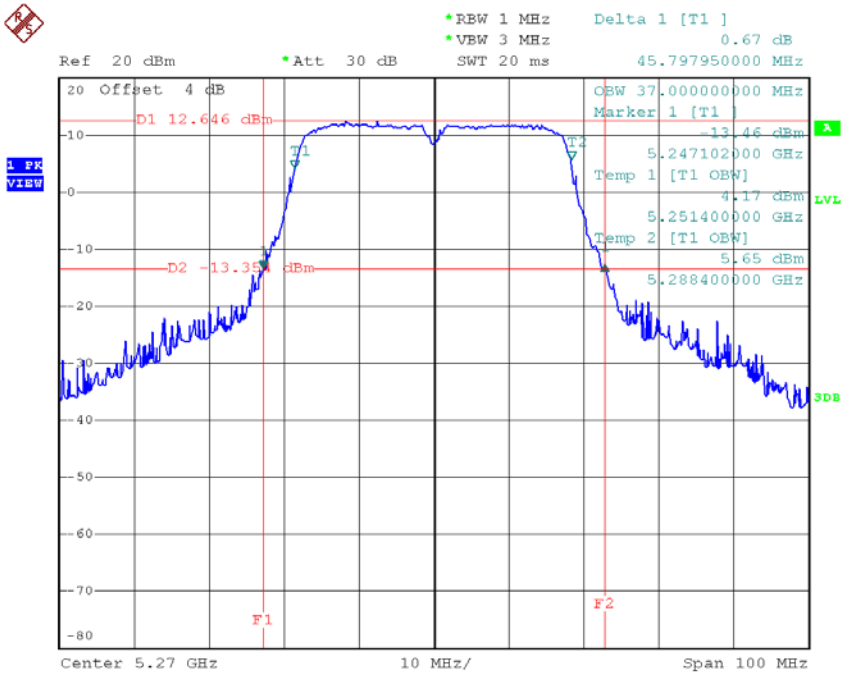


Date: 9.MAY.2017 20:45:59

Test Mode: UNII-2A/TX N40 Mode_CH54/CH62

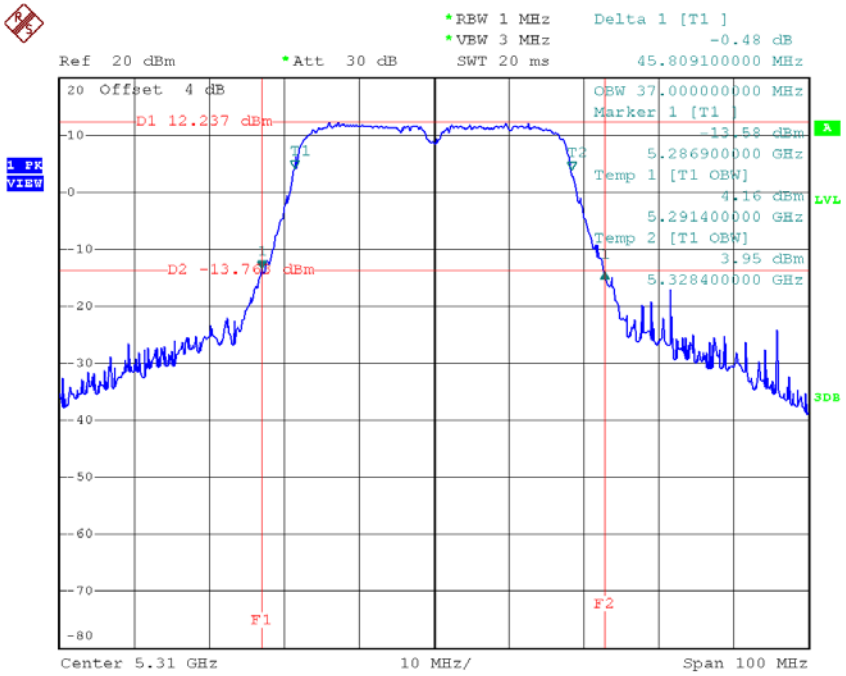
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	45.80	37.00
CH62	5310	45.81	37.00

TX CH54



Date: 9.MAY.2017 20:56:18

TX CH62

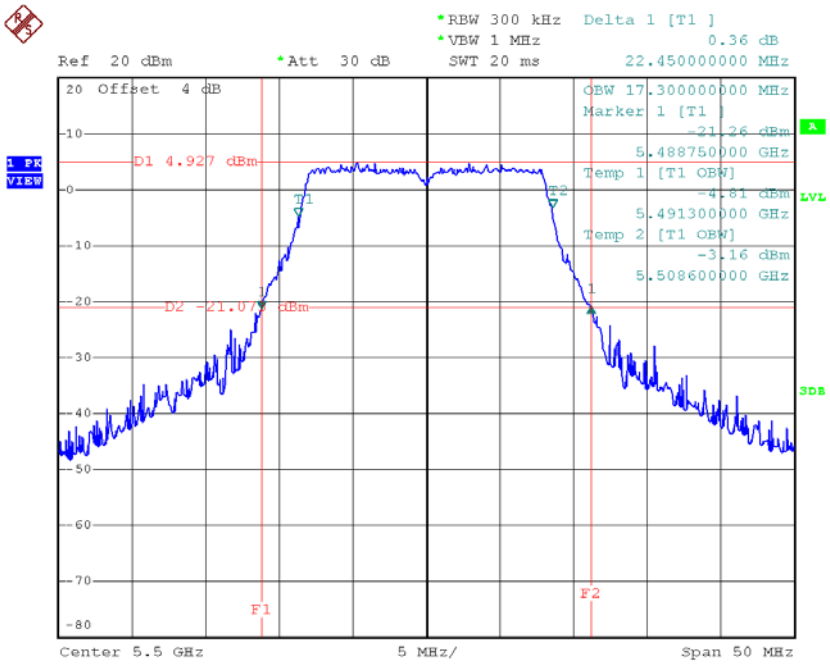


Date: 9.MAY.2017 20:57:29

Test Mode: UNII-2C/TX A Mode_CH100/CH116/CH140

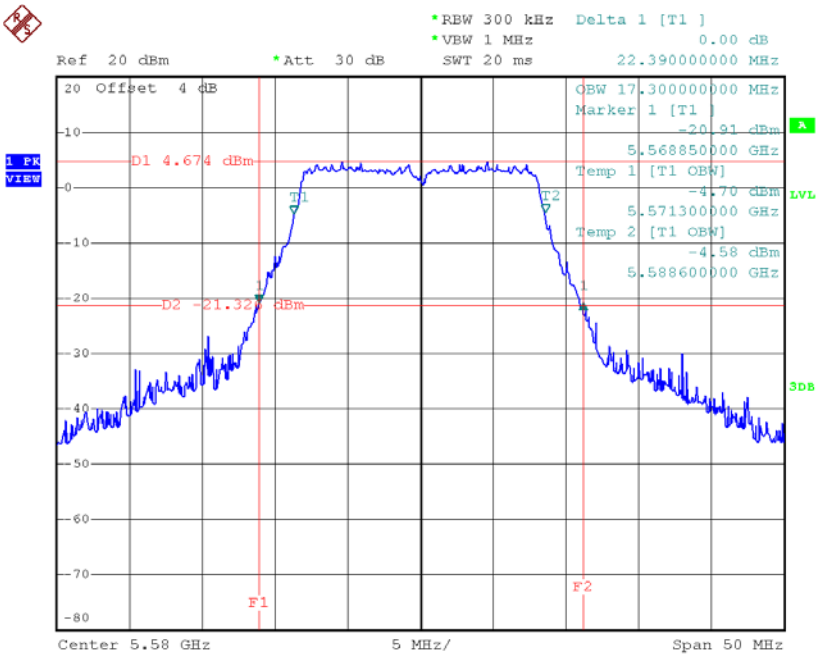
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	22.45	17.30
CH116	5580	22.39	17.30
CH140	5700	22.49	17.30

TX CH100



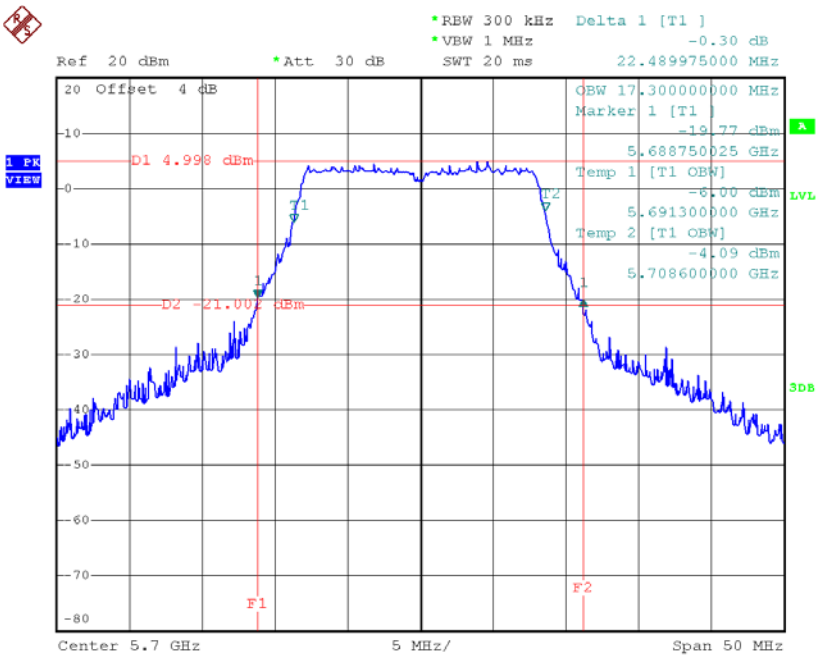
Date: 9.MAY.2017 20:36:08

TX CH116



Date: 9.MAY.2017 20:37:08

TX CH140

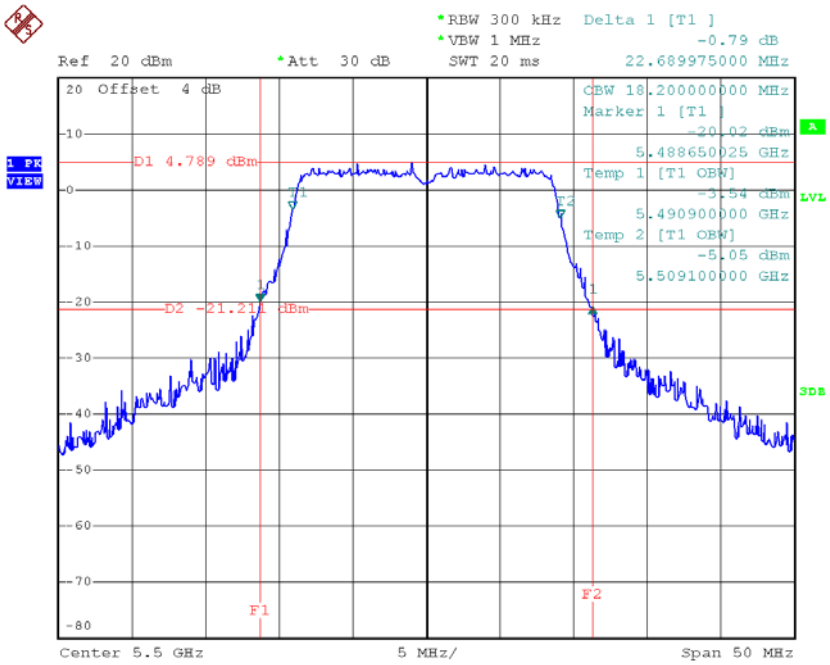


Date: 9.MAY.2017 20:37:57

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140

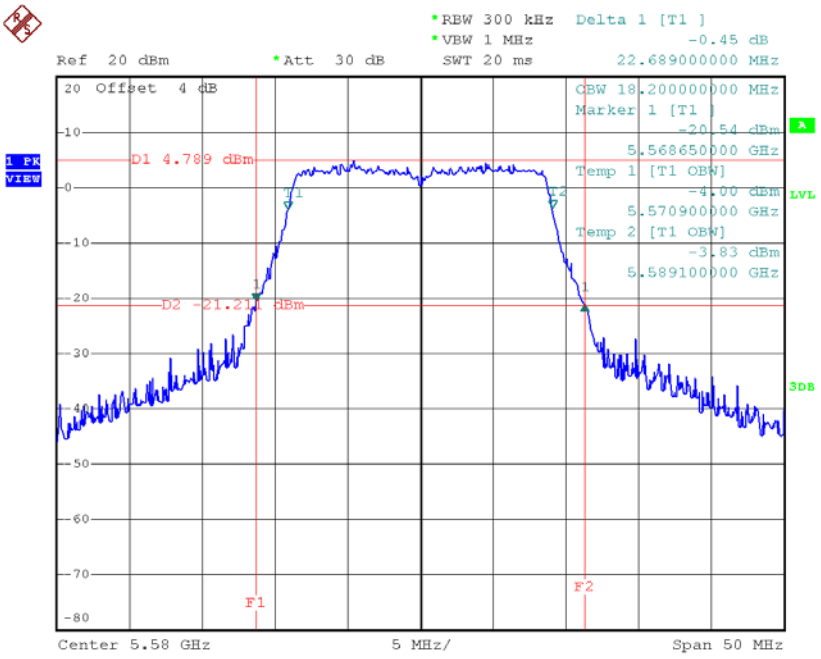
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	22.69	18.20
CH116	5580	22.69	18.20
CH140	5700	22.75	18.20

TX CH100



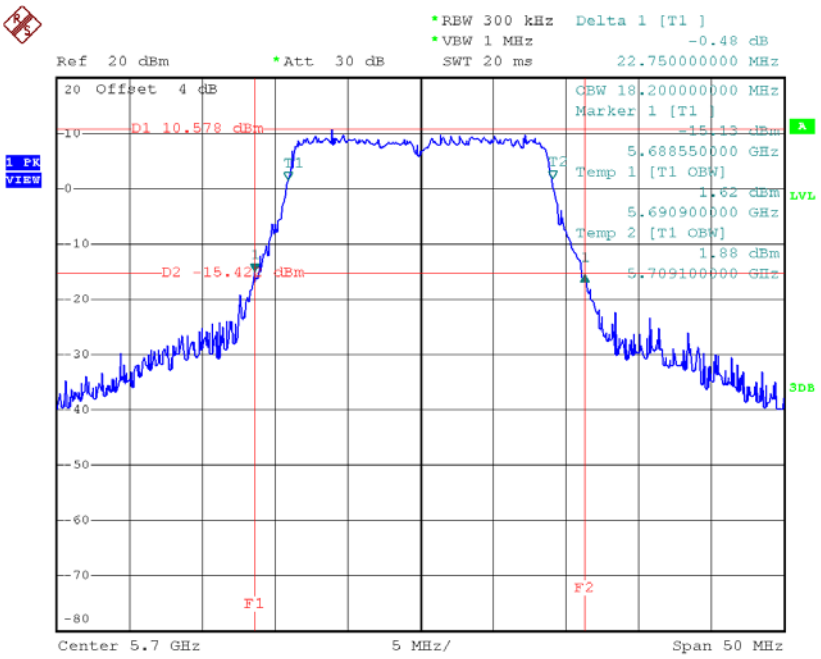
Date: 9.MAY.2017 20:46:50

TX CH116



Date: 9.MAY.2017 20:47:40

TX CH140

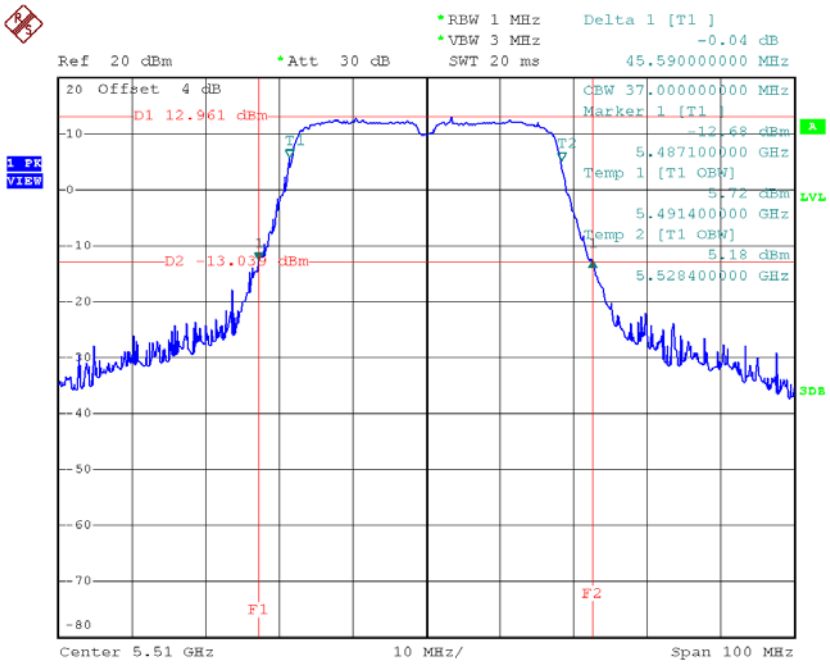


Date: 9.MAY.2017 20:49:30

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134

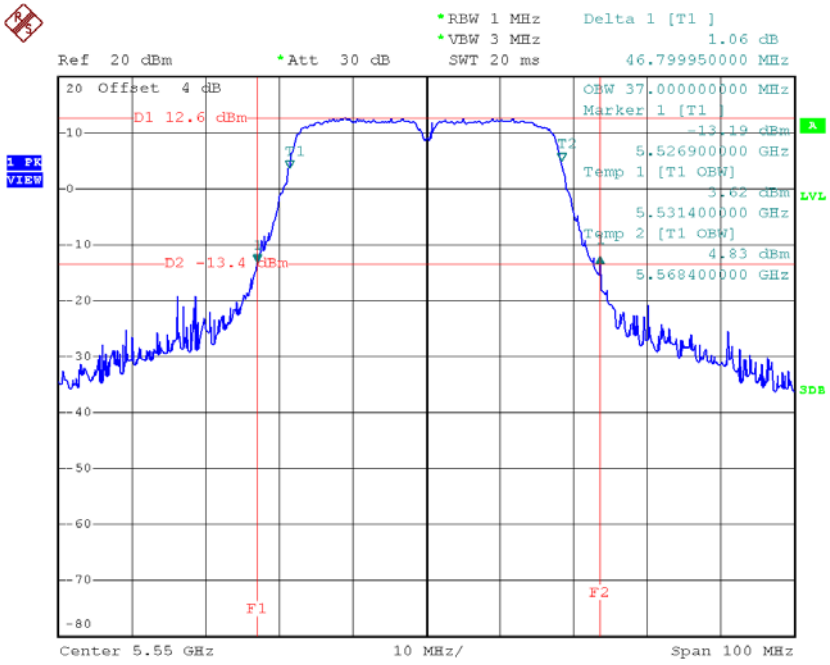
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	45.59	37.00
CH110	5550	46.80	37.00
CH134	5670	46.10	37.20

TX CH102



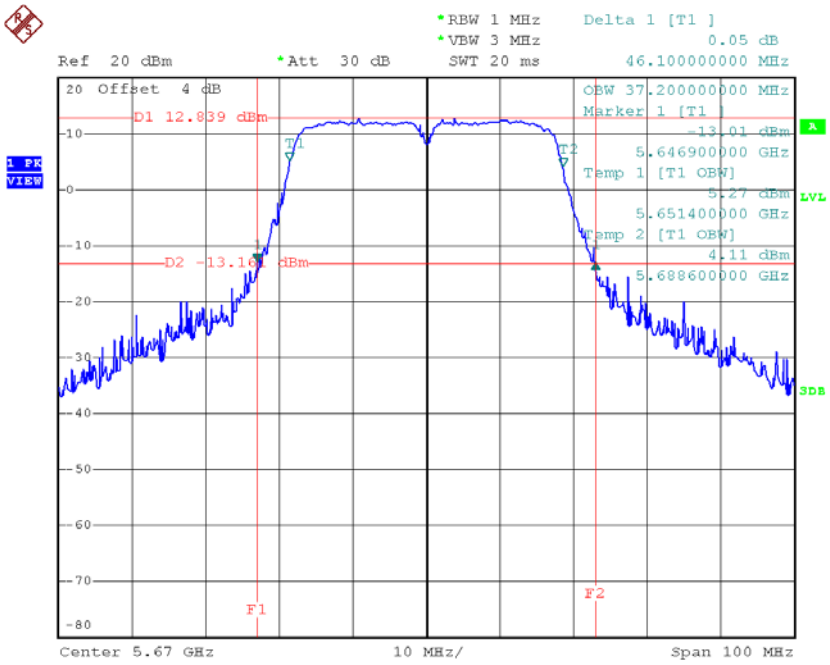
Date: 9.MAY.2017 20:58:18

TX CH110



Date: 9.MAY.2017 20:59:13

TX CH134

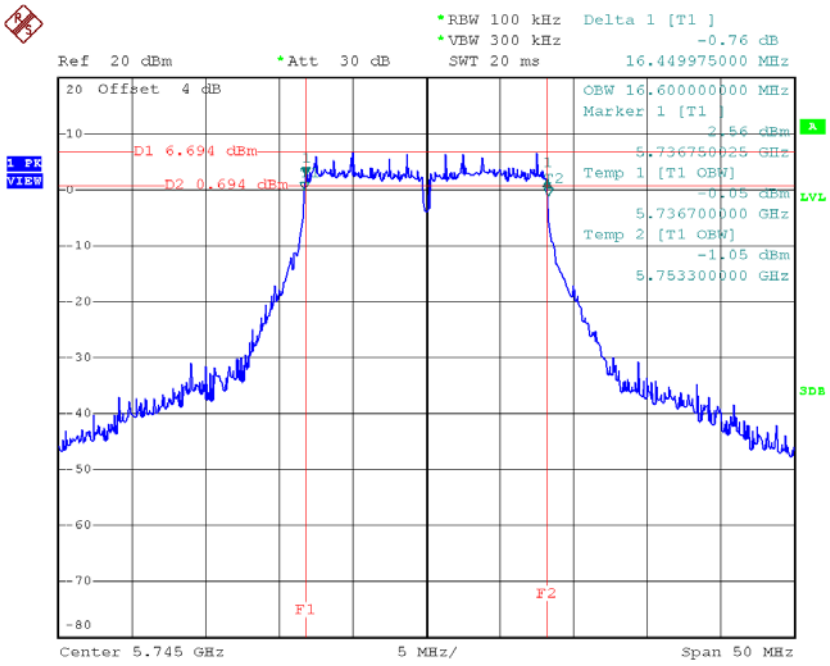


Date: 9.MAY.2017 21:00:01

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

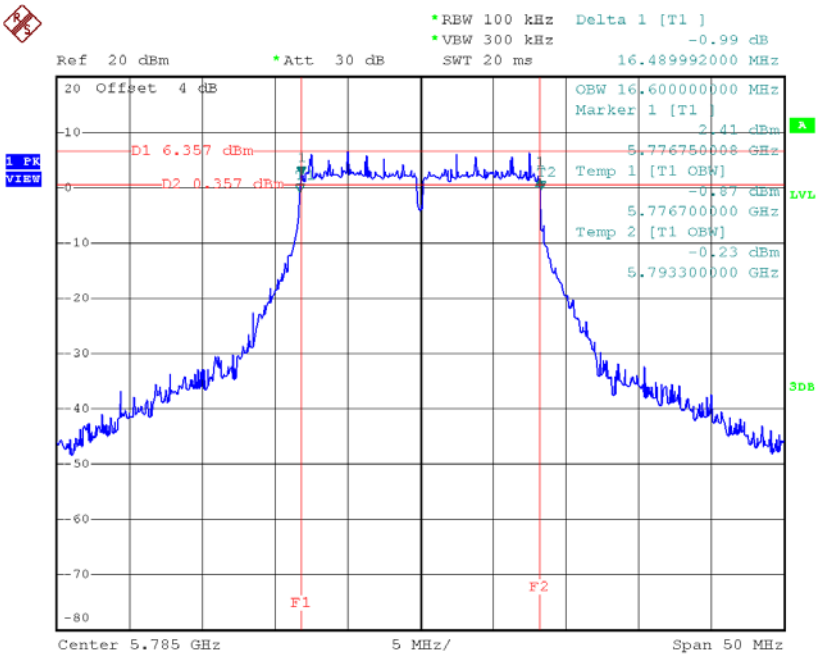
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.45	16.60	>=500
CH157	5785	16.49	16.60	>=500
CH165	5825	16.45	16.60	>=500

TX CH 149



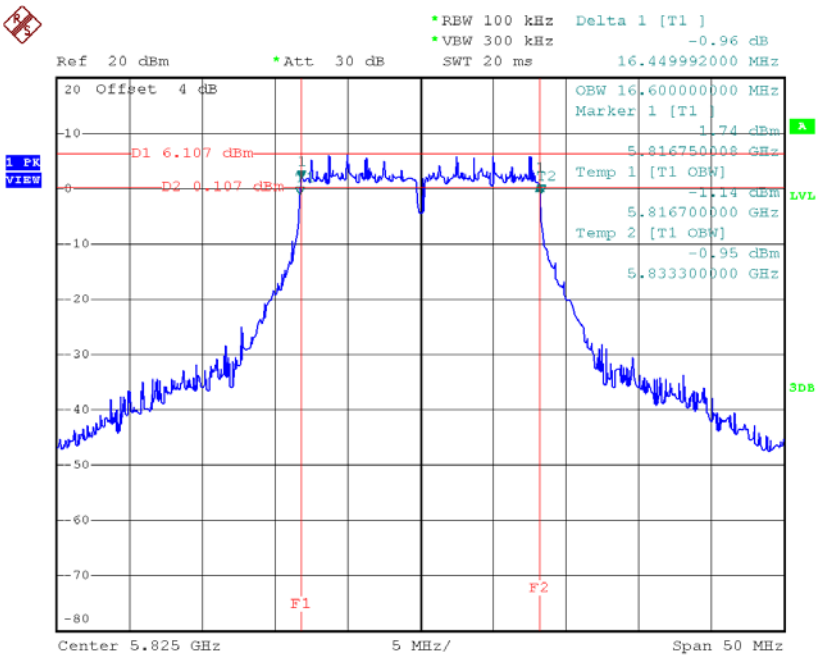
Date: 9.MAY.2017 21:04:47

TX CH 157



Date: 9.MAY.2017 21:06:03

TX CH 165

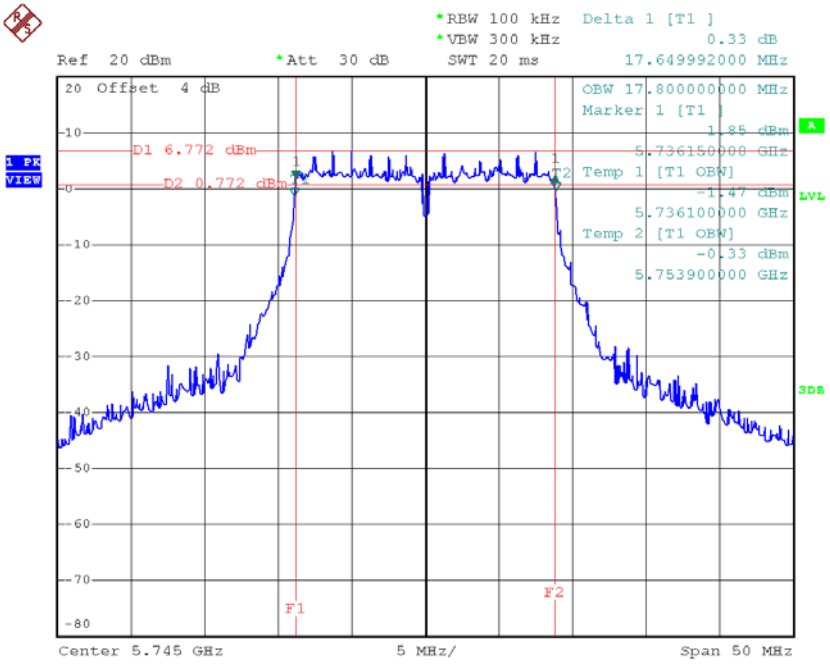


Date: 9.MAY.2017 21:07:03

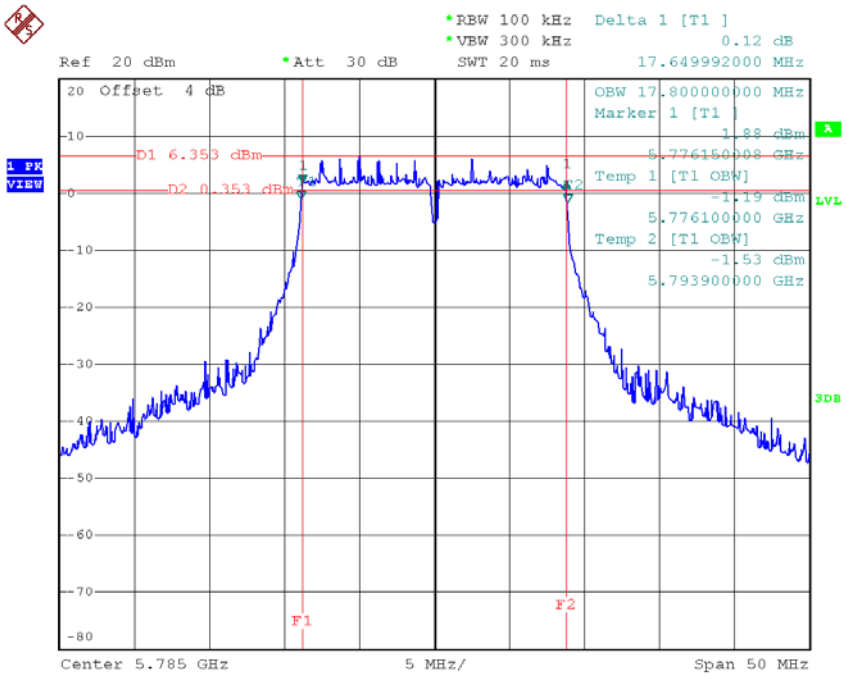
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

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	17.65	17.80	>=500

TX CH 149

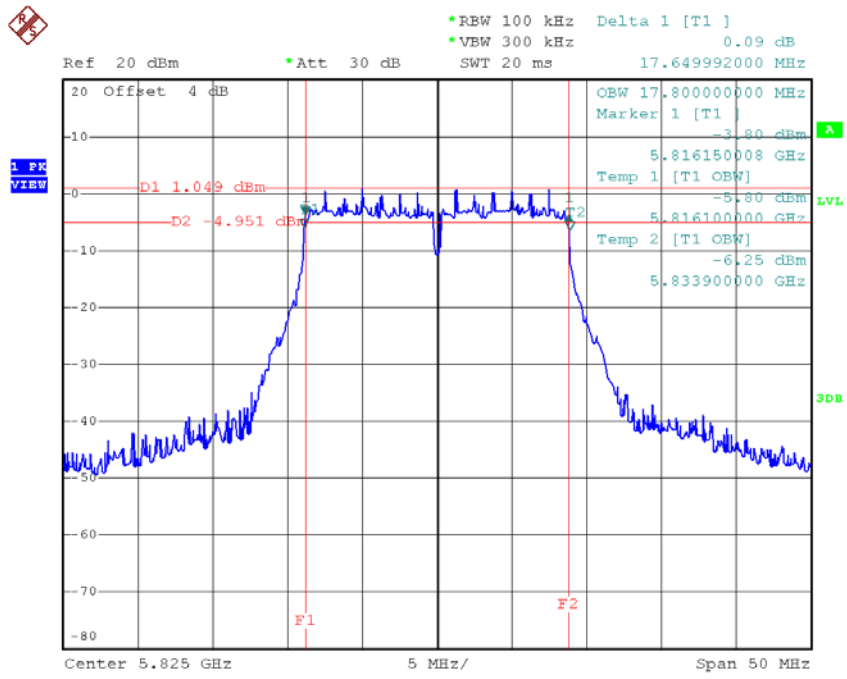


TX CH 157



Date: 9.MAY.2017 21:09:24

TX CH 165

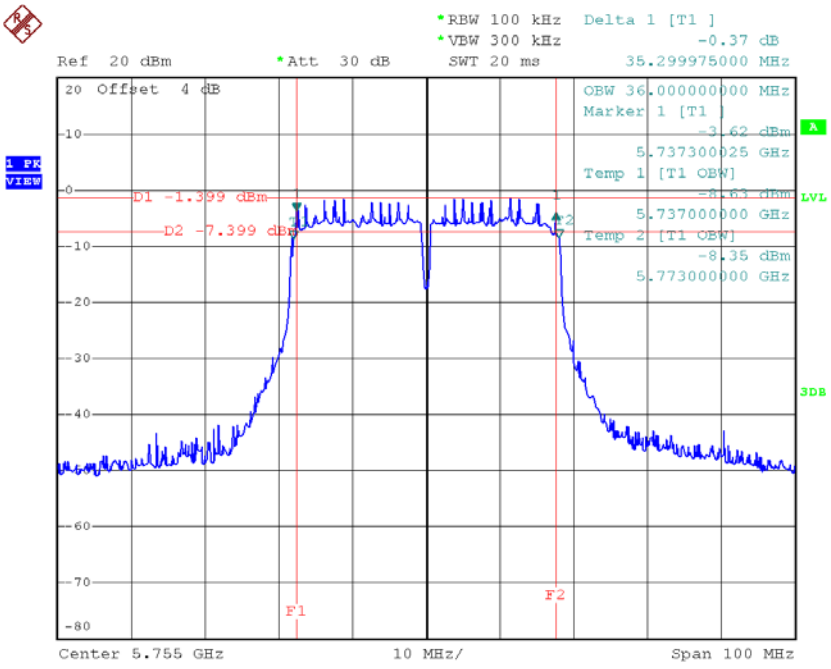


Date: 9.MAY.2017 21:10:15

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

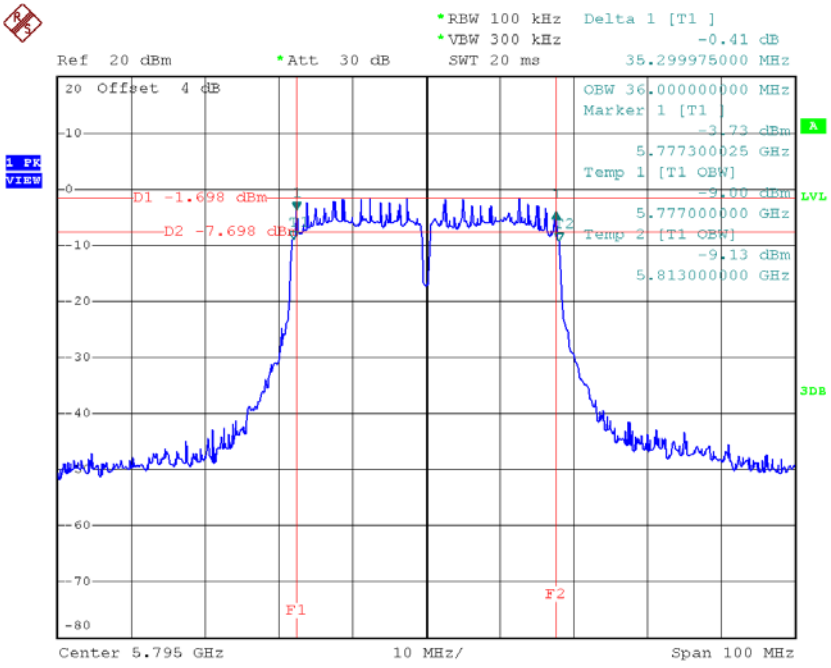
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.30	36.00	>=500
CH159	5795	35.30	36.00	>=500

TX CH 151



Date: 9.MAY.2017 21:12:06

TX CH 159



Date: 9.MAY.2017 21:13:05

ATTACHMENT F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.22	0.62	16.84	30.00	1.00
CH40	5200	16.12	0.62	16.74	30.00	1.00
CH48	5240	16.25	0.62	16.87	30.00	1.00

Test Mode: UNII-1/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.22	0.63	16.85	30.00	1.00
CH40	5200	16.21	0.63	16.84	30.00	1.00
CH48	5240	15.93	0.63	16.56	30.00	1.00

Test Mode: UNII-1/TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	15.97	1.39	17.36	30.00	1.00
CH46	5230	16.00	1.39	17.39	30.00	1.00

Test Mode: UNII-2A/TX A Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	16.50	0.62	17.12	24.00	0.25
CH60	5300	16.61	0.62	17.23	24.00	0.25
CH64	5320	16.52	0.62	17.14	24.00	0.25

Test Mode: UNII-2A/TX N20 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	16.52	0.63	17.15	24.00	0.25
CH60	5300	16.48	0.63	17.11	24.00	0.25
CH64	5320	16.53	0.63	17.16	24.00	0.25

Test Mode: UNII-2A/TX N40 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	16.11	1.39	17.50	24.00	0.25
CH62	5310	16.09	1.39	17.48	24.00	0.25

Test Mode: UNII-2C/TX A Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.49	0.62	17.11	24.00	0.25
CH116	5580	16.56	0.62	17.18	24.00	0.25
CH140	5700	16.37	0.62	16.99	24.00	0.25

Test Mode: UNII-2C/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.58	0.63	17.21	24.00	0.25
CH116	5580	16.55	0.63	17.18	24.00	0.25
CH140	5700	16.53	0.63	17.16	24.00	0.25

Test Mode: UNII-2C/TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	15.93	1.39	17.32	24.00	0.25
CH110	5550	15.98	1.39	17.37	24.00	0.25
CH134	5670	15.98	1.39	17.37	24.00	0.25

Test Mode: UNII-3/ TX A Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	16.87	0.62	17.49	30.00	1.00
CH157	5785	16.89	0.62	17.51	30.00	1.00
CH165	5825	16.85	0.62	17.47	30.00	1.00

Test Mode: UNII-3/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	16.87	0.63	17.50	30.00	1.00
CH157	5785	16.83	0.63	17.46	30.00	1.00
CH165	5825	16.93	0.63	17.56	30.00	1.00

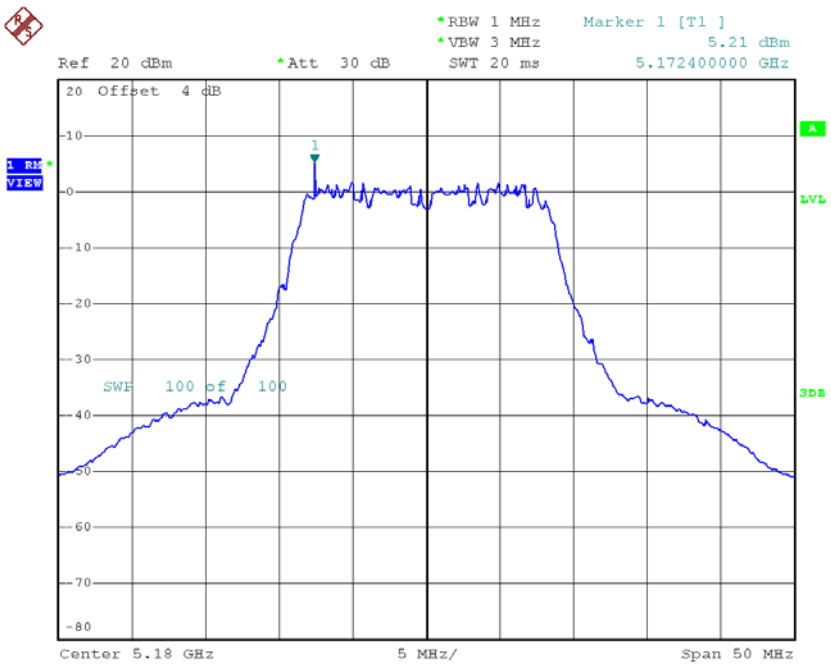
Test Mode: UNII-3/ TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	16.06	1.39	17.45	30.00	1.00
CH159	5795	16.17	1.39	17.56	30.00	1.00

ATTACHMENT H - POWER SPECTRAL DENSITY

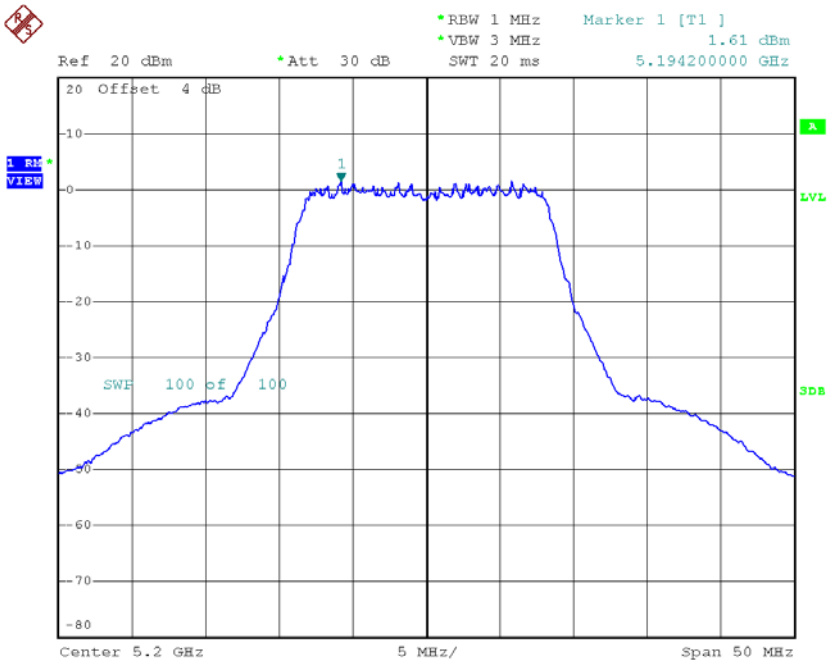
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.21	0.62	5.83	17.00
CH40	5200	1.61	0.62	2.23	17.00
CH48	5240	5.68	0.62	6.30	17.00

CH36

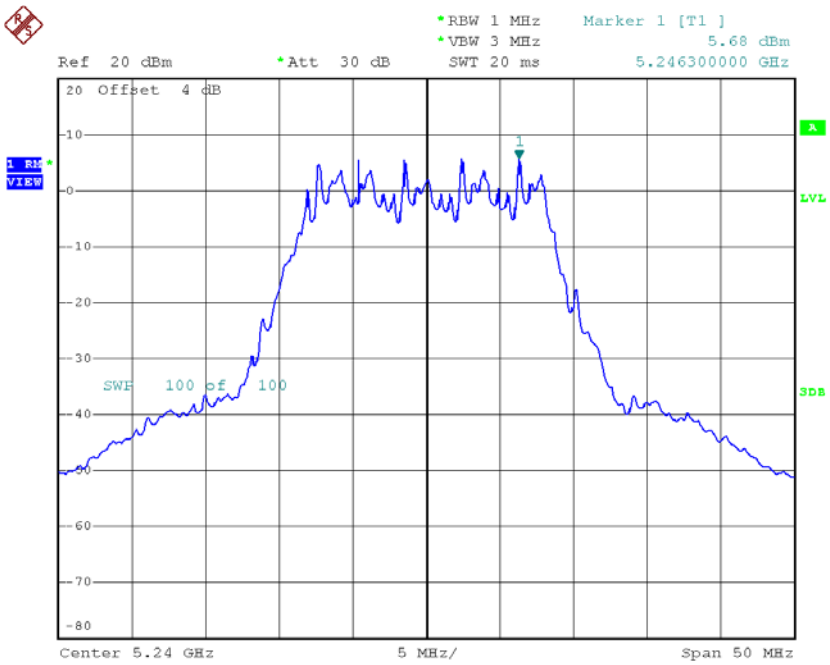


CH40



Date: 9.MAY.2017 20:31:44

CH48



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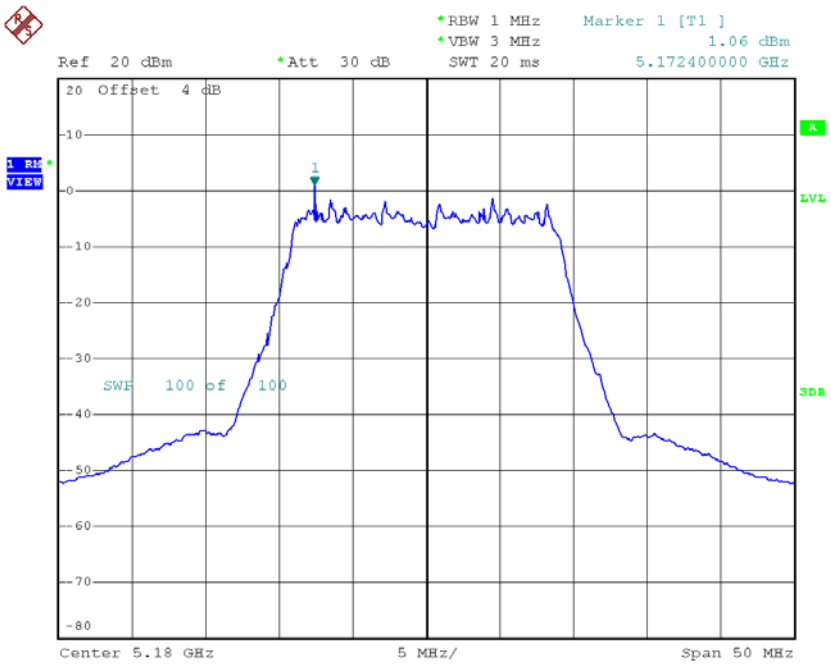
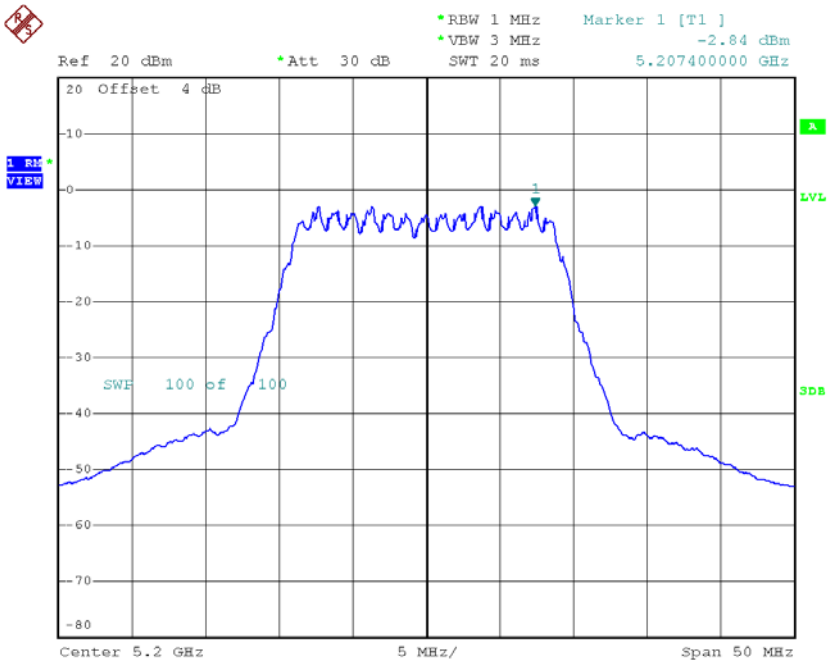
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.06	0.63	1.69	17.00
CH40	5200	-2.84	0.63	-2.21	17.00
CH48	5240	0.39	0.63	1.02	17.00

CH36



CH40



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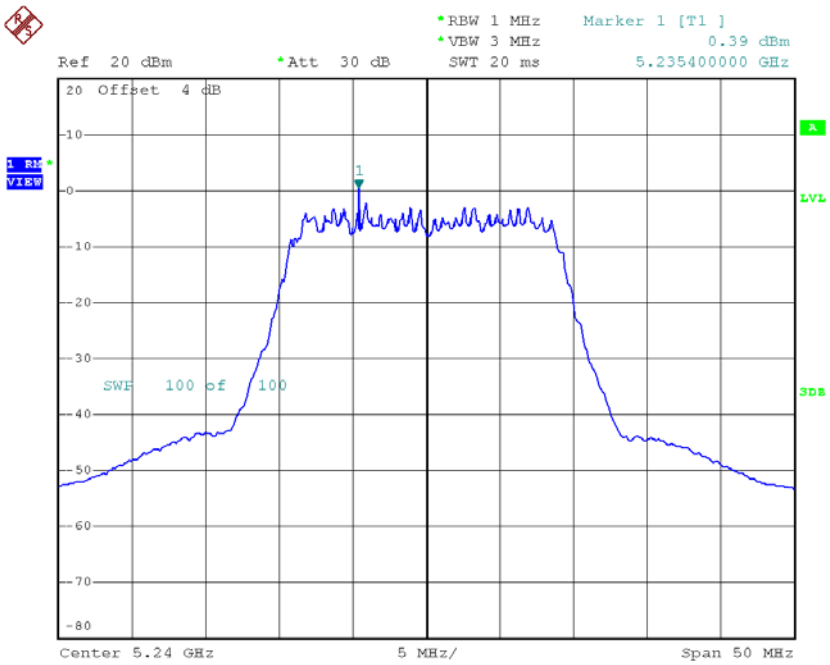
CH48

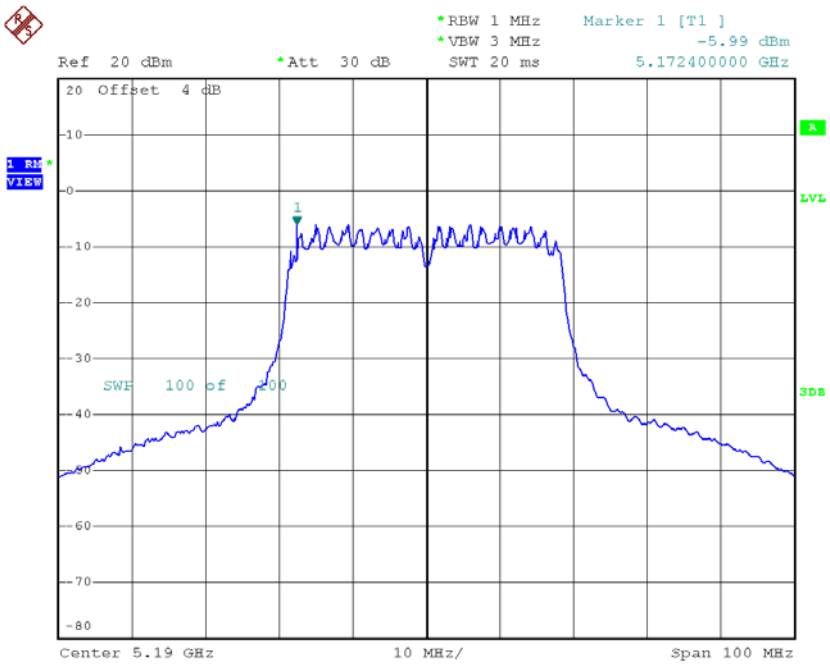


Date: 9.MAY.2017 20:43:23

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

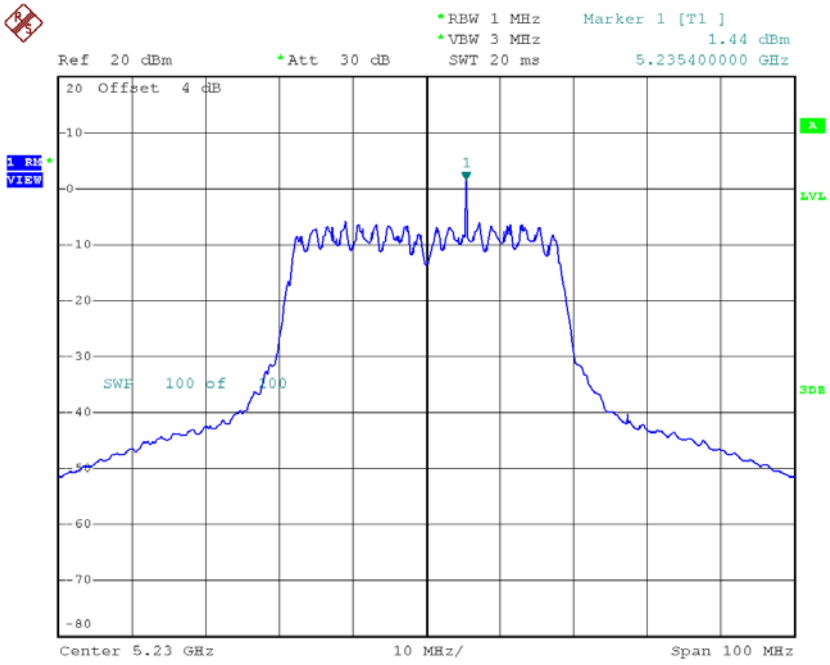
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-5.99	1.39	-4.60	17.00
CH46	5230	1.44	1.39	2.83	17.00

CH38



Date: 9.MAY.2017 20:53:36

CH46

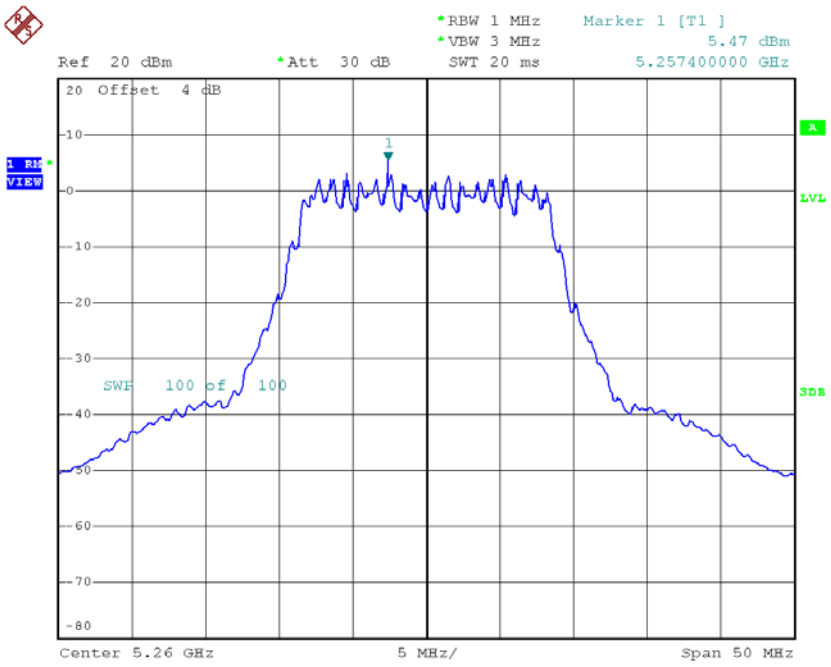


Date: 9.MAY.2017 20:55:39

Test Mode: UNII-2A/ TX A Mode_CH52/CH60/CH64

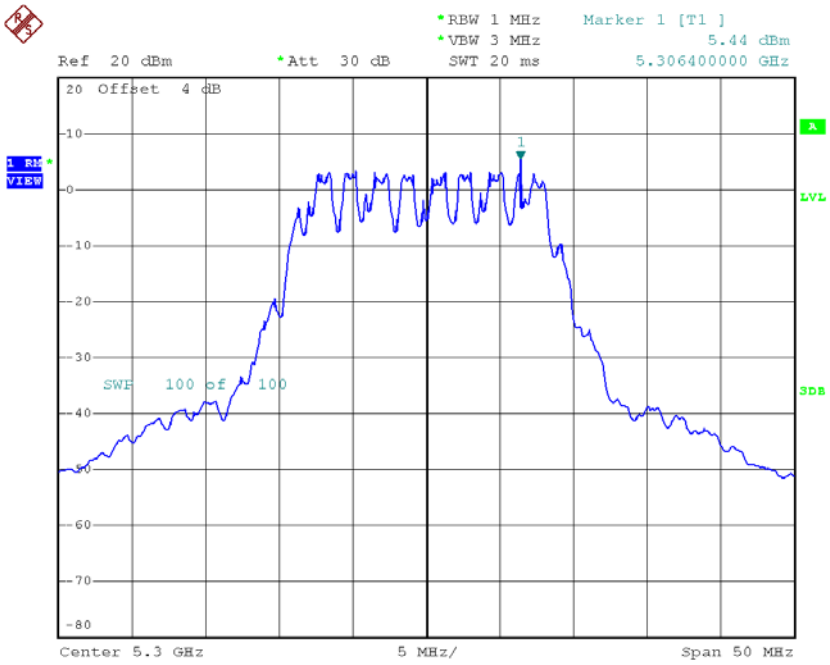
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	5.47	0.62	6.09	11.00
CH60	5300	5.44	0.62	6.06	11.00
CH64	5320	4.09	0.62	4.71	11.00

CH52



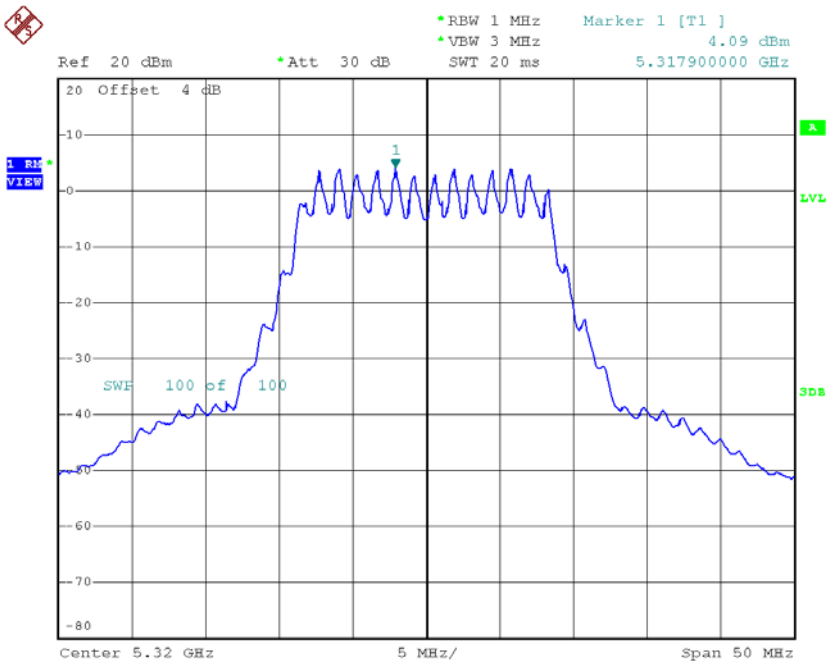
Date: 9.MAY.2017 20:33:25

CH60



Date: 9.MAY.2017 20:34:13

CH64

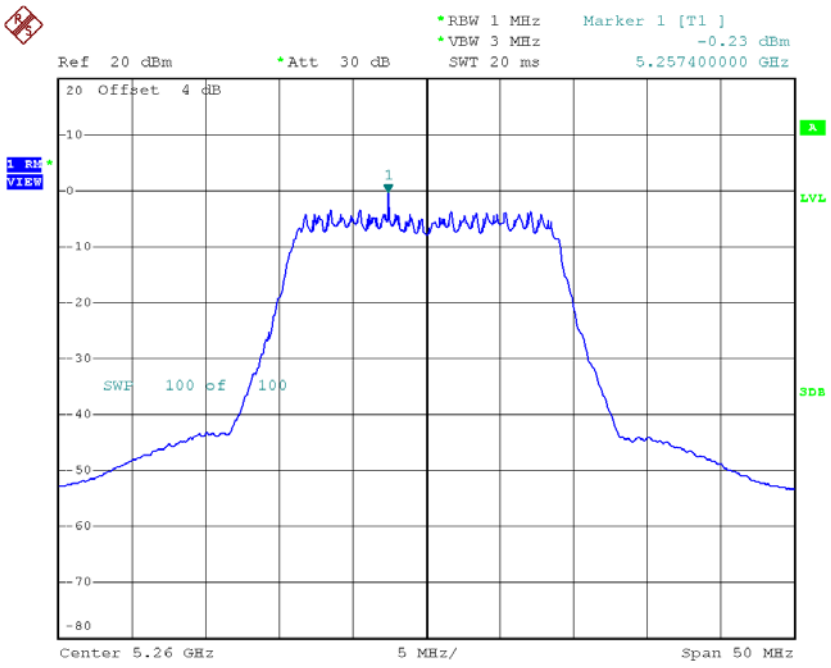


Date: 9.MAY.2017 20:35:01

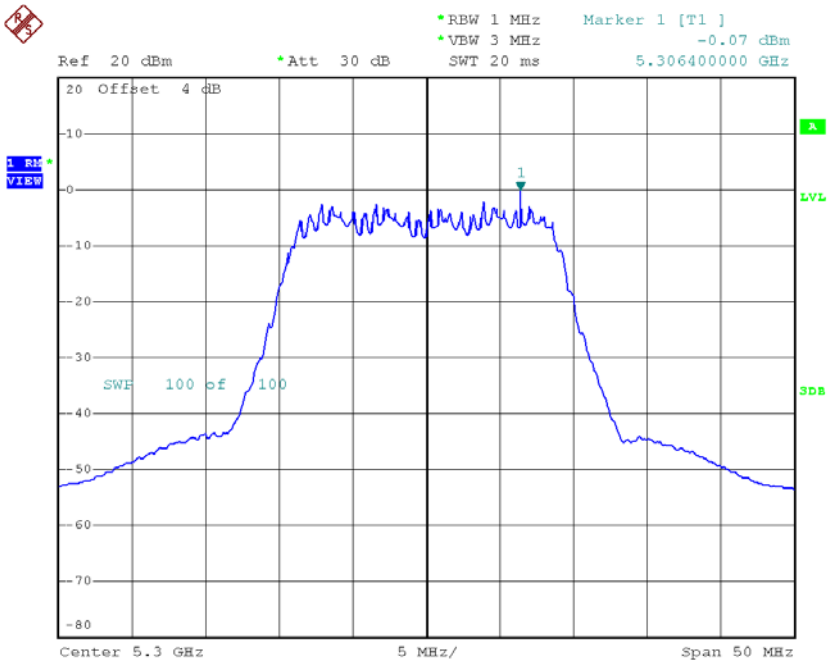
Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	-0.23	0.63	0.40	11.00
CH60	5300	-0.07	0.63	0.56	11.00
CH64	5320	-3.48	0.63	-2.85	11.00

CH52



CH60



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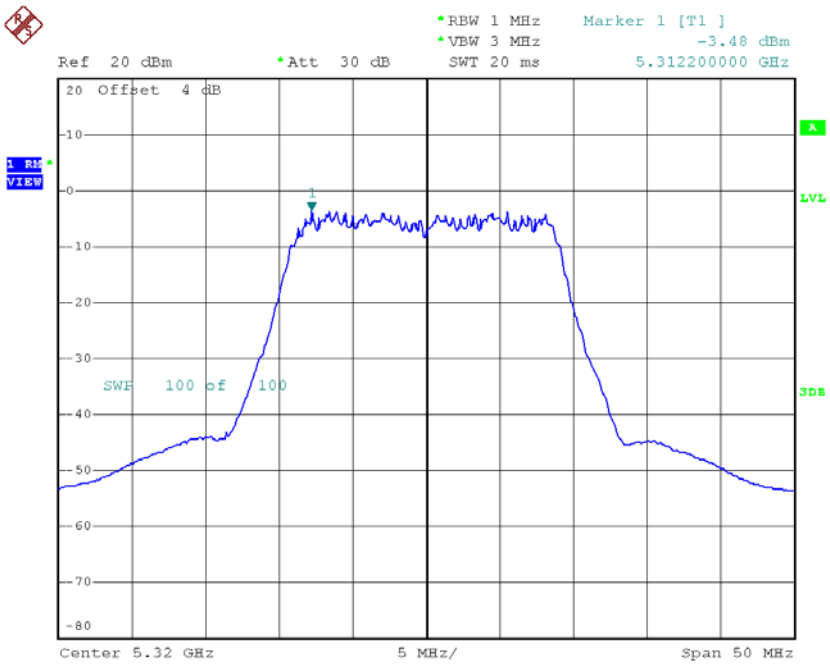
CH64

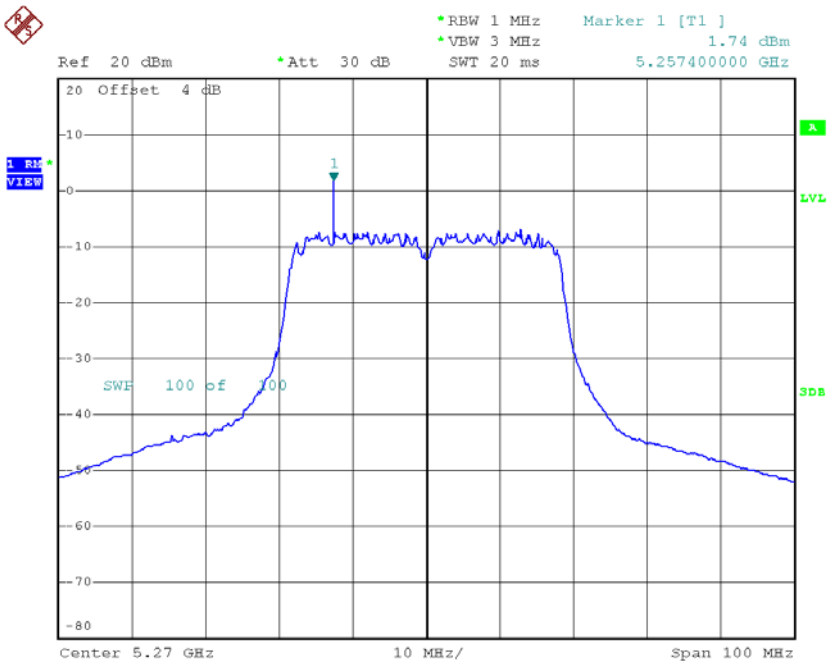


Date: 9.MAY.2017 20:46:09

Test Mode: UNII-2A/TX N40 Mode_CH54/CH62

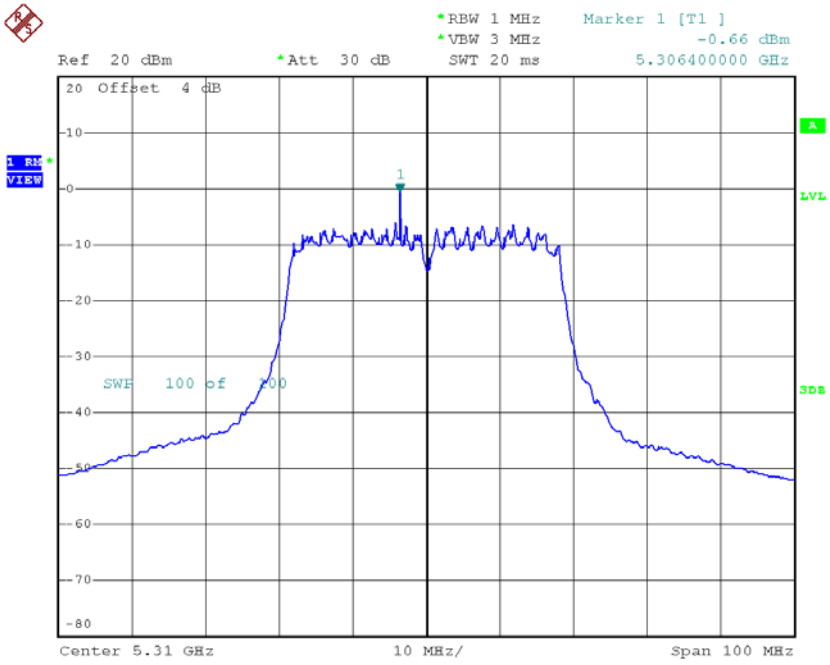
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH54	5270	1.74	1.39	3.13	11.00
CH62	5310	-0.66	1.39	0.73	11.00

CH54



Date: 9.MAY.2017 20:56:31

CH62

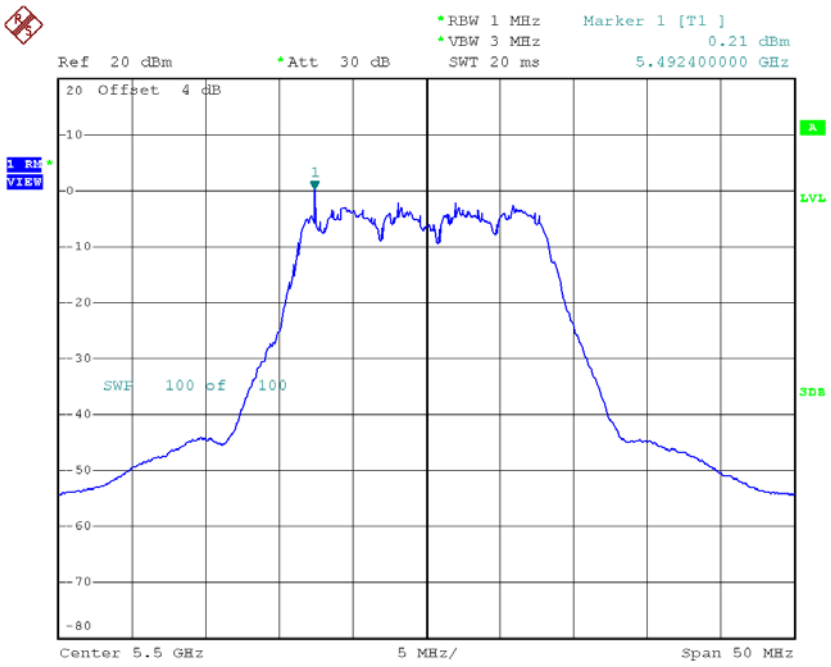


Date: 9.MAY.2017 20:57:41

Test Mode: UNII-2C/ TX A Mode_CH100/CH116/CH140

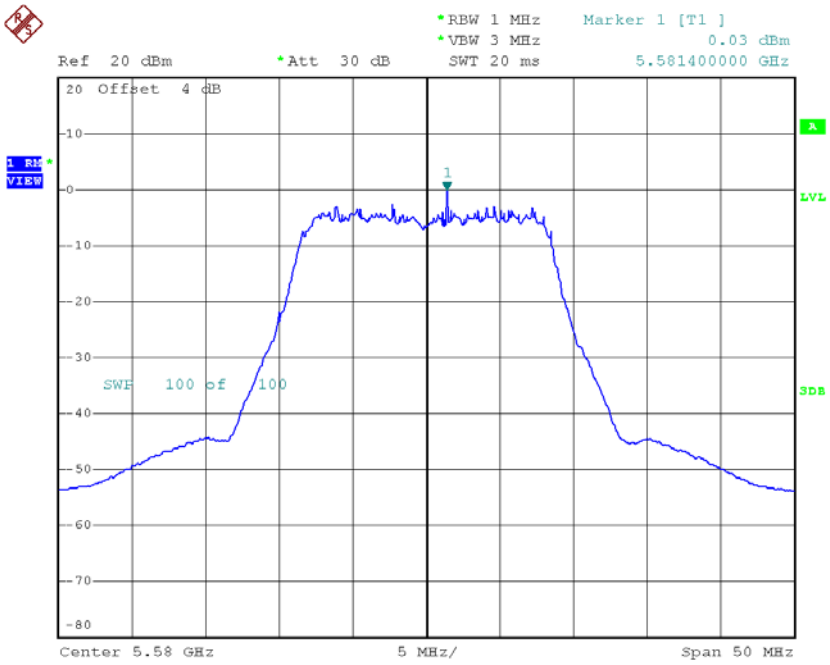
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	0.21	0.62	0.83	11.00
CH116	5580	0.03	0.62	0.65	11.00
CH140	5700	0.27	0.62	0.89	11.00

CH100



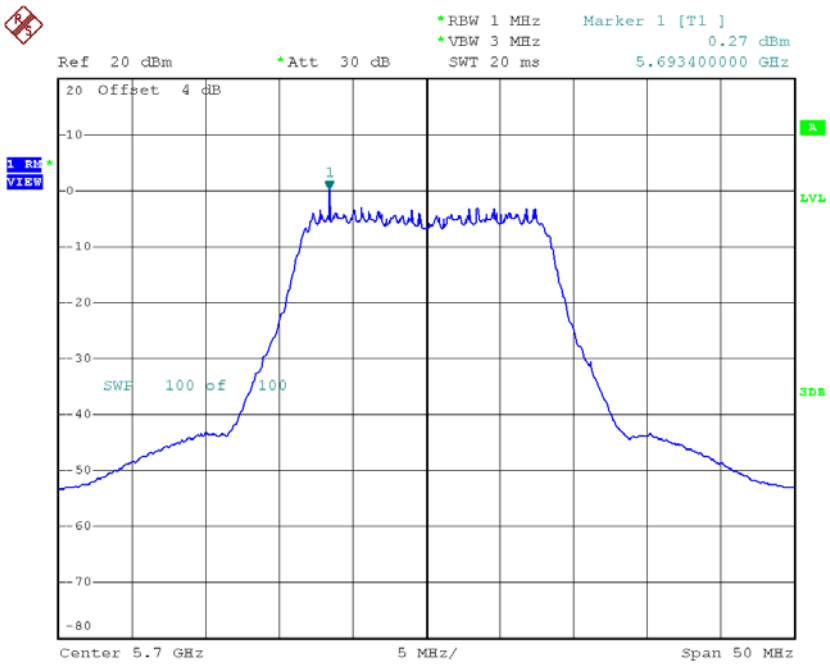
Date: 9.MAY.2017 20:36:18

CH116



Date: 9.MAY.2017 20:37:18

CH140

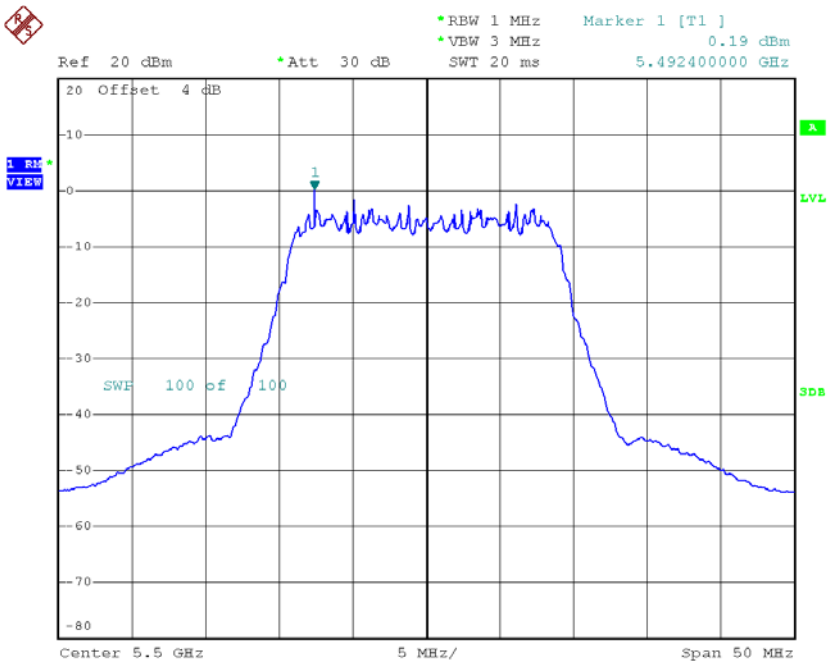


Date: 9.MAY.2017 20:38:07

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140

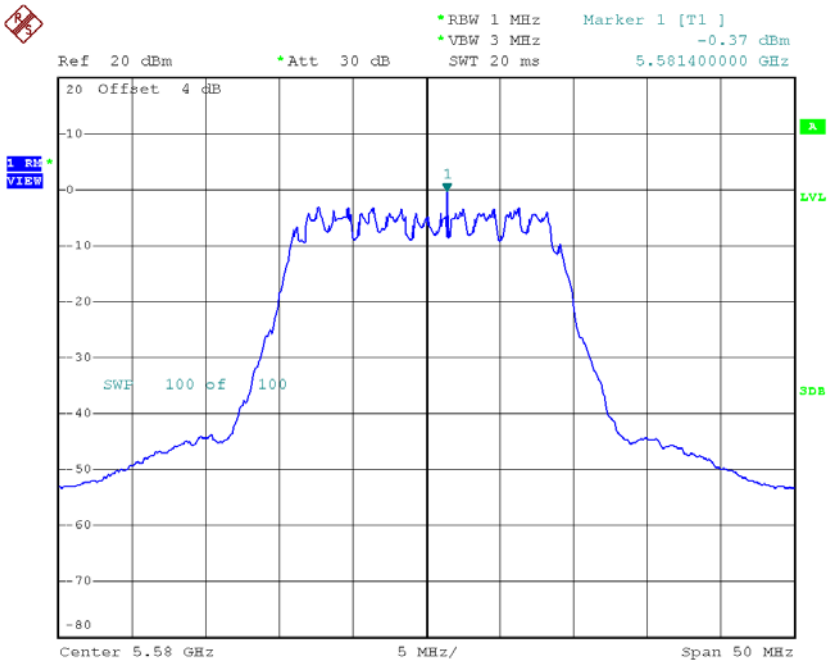
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	0.19	0.63	0.82	11.00
CH116	5580	-0.37	0.63	0.26	11.00
CH140	5700	5.72	0.63	6.35	11.00

CH100



Date: 9.MAY.2017 20:47:00

CH116



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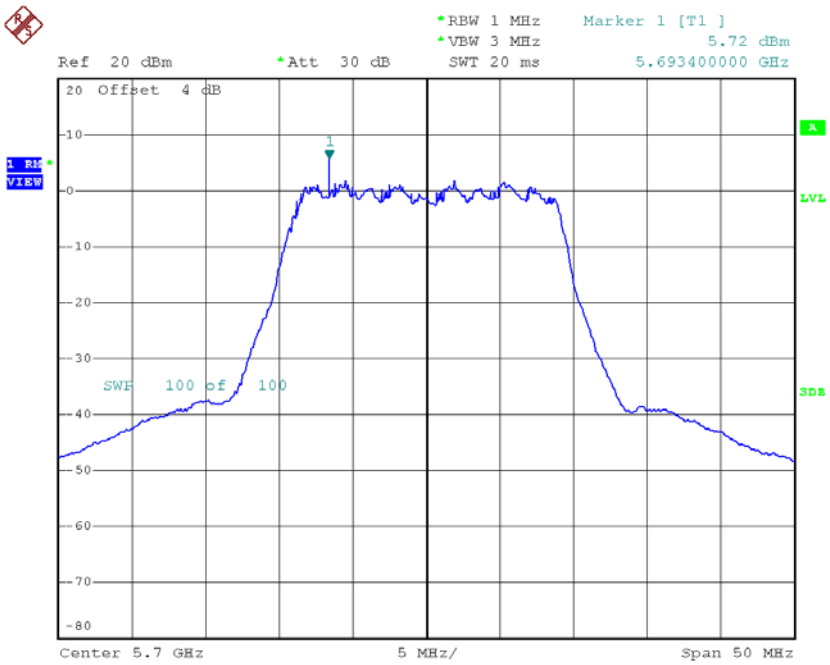
CH140

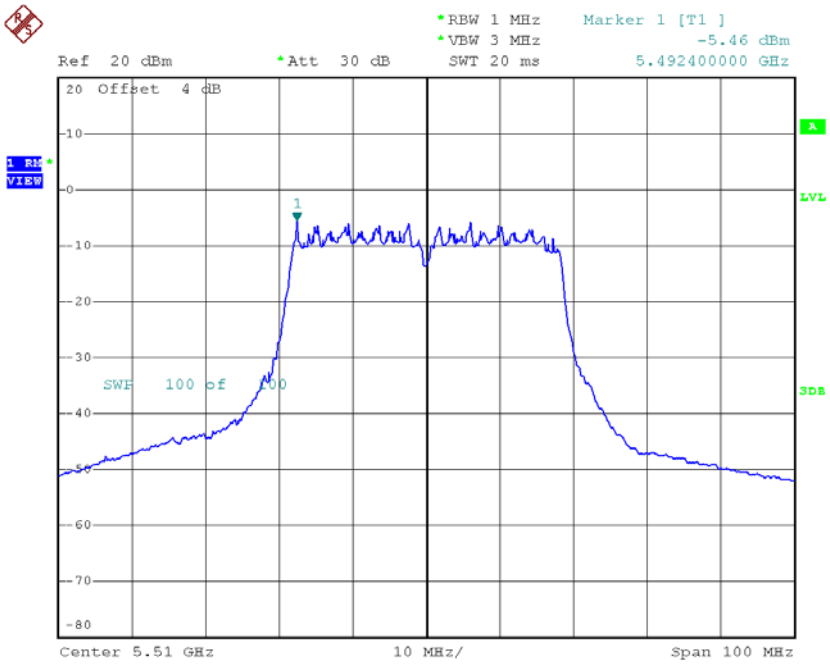


Date: 9.MAY.2017 20:49:40

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH102	5510	-5.46	1.39	-4.07	11.00
CH110	5550	1.13	1.39	2.52	11.00
CH134	5670	-5.25	1.39	-3.86	11.00

CH102



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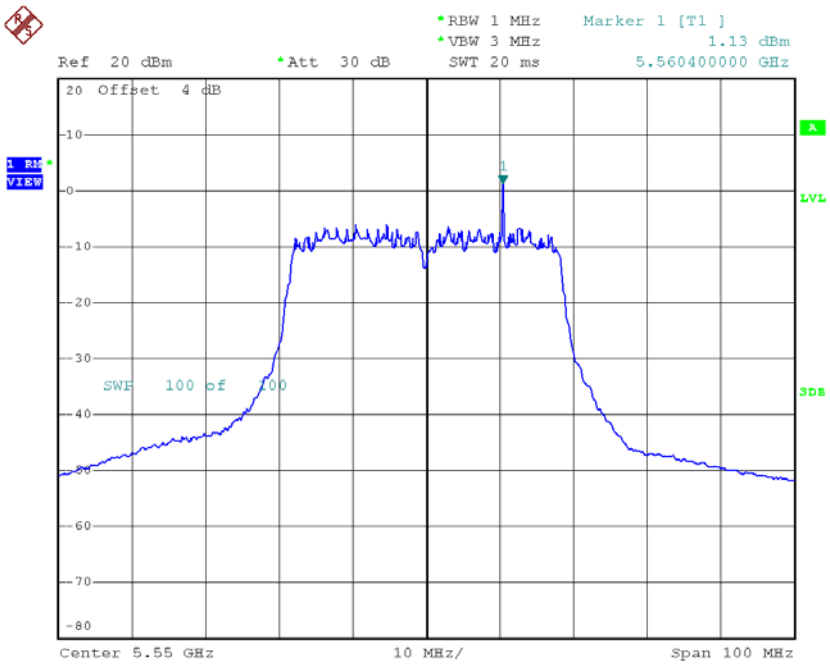
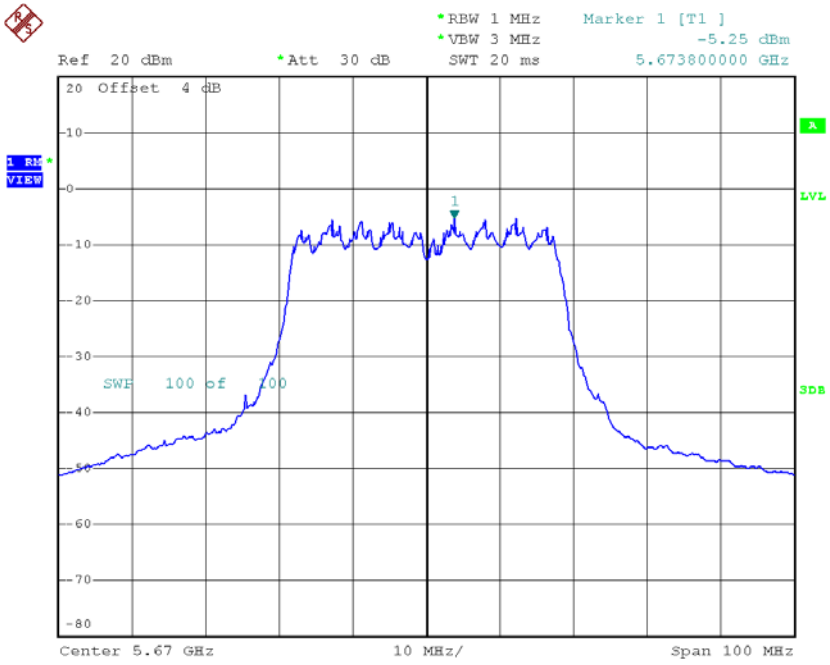
CH110



Date: 9.MAY.2017 20:59:25

CH134

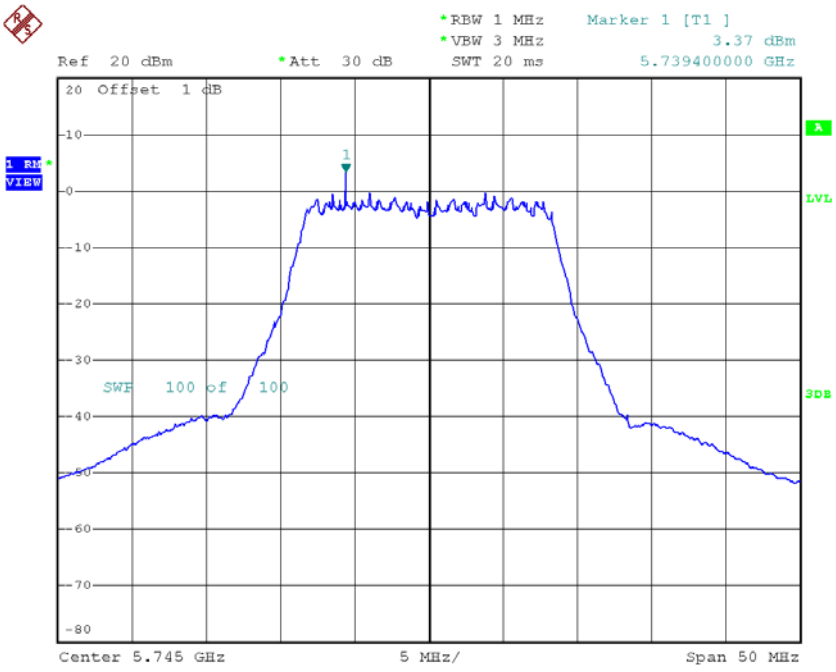


Date: 9.MAY.2017 21:00:14

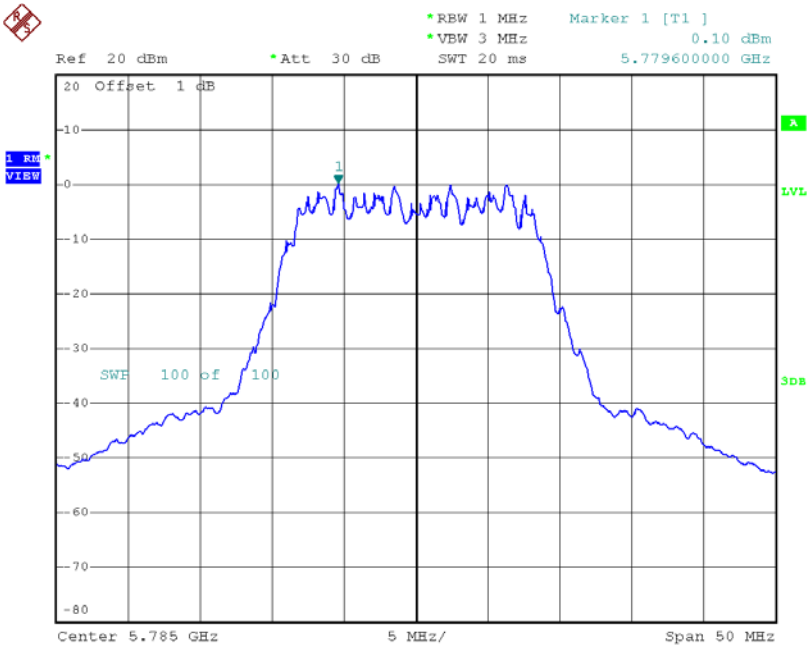
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	3.37	0.62	3.99	30.00
CH157	5785	0.10	0.62	0.72	30.00
CH165	5825	1.95	0.62	2.57	30.00

TX CH149

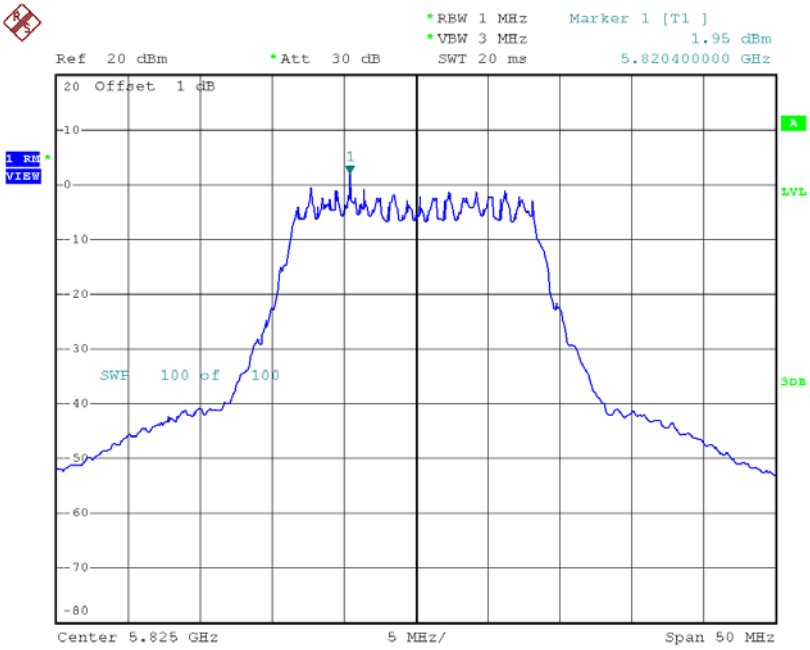


TX CH157



Date: 9.MAY.2017 21:06:12

TX CH165

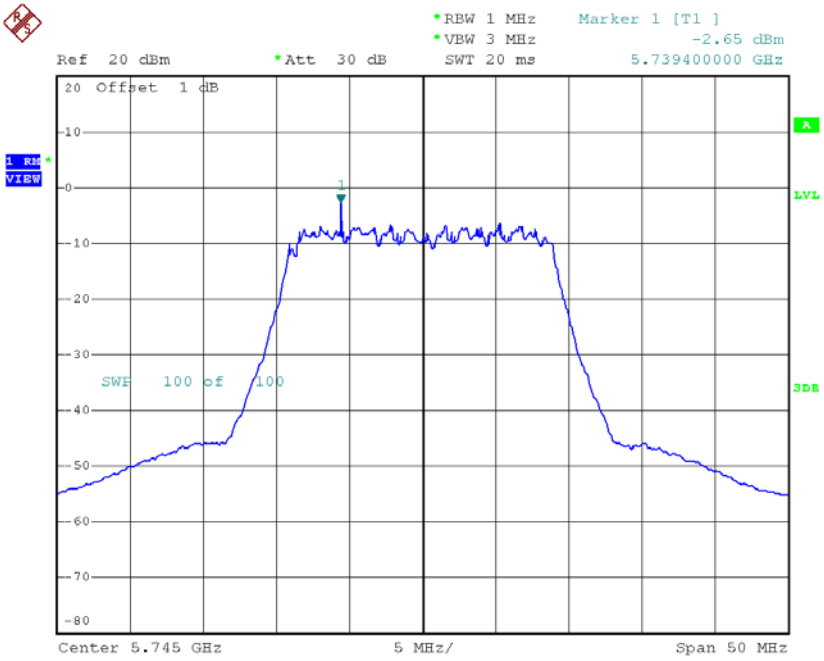


Date: 9.MAY.2017 21:07:13

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

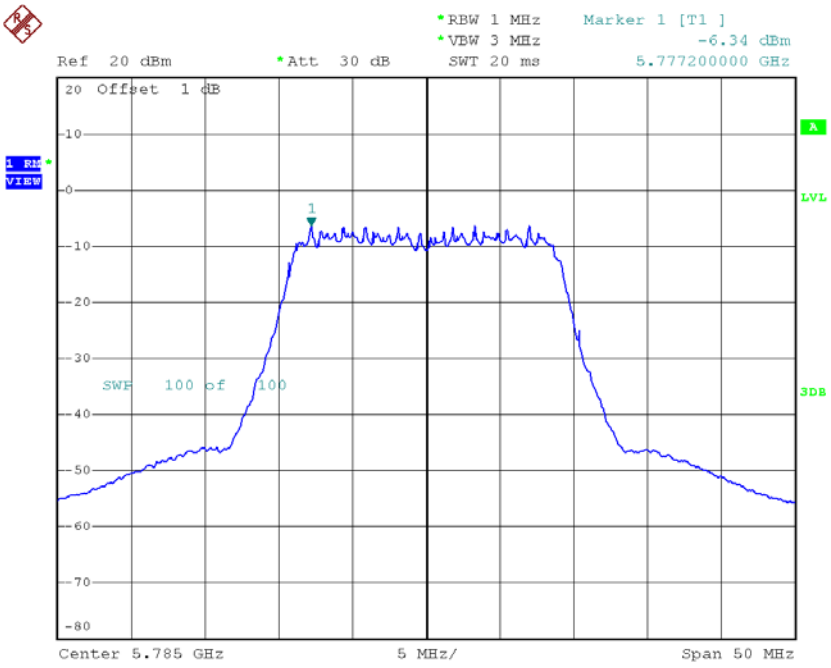
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-2.65	0.63	-2.02	30.00
CH157	5785	-6.34	0.63	-5.71	30.00
CH165	5825	-2.65	0.63	-2.02	30.00

TX CH149



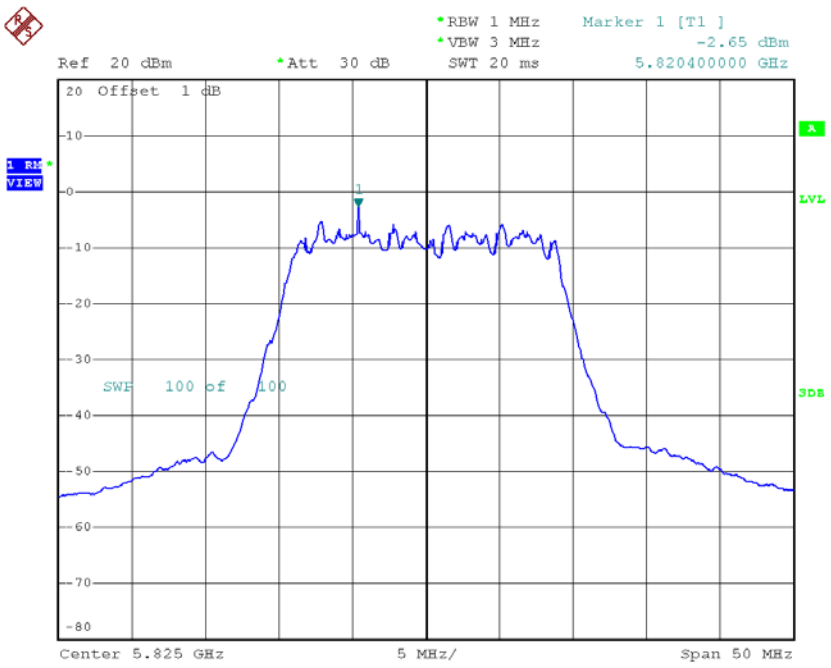
Date: 9.MAY.2017 21:08:10

TX CH157



Date: 9.MAY.2017 21:09:33

TX CH165

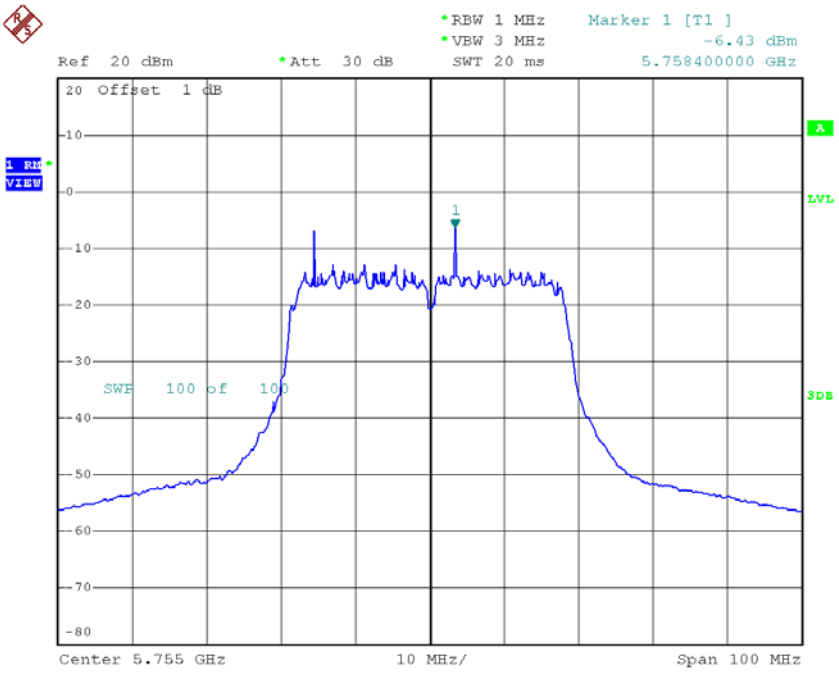


Date: 9.MAY.2017 21:10:25

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

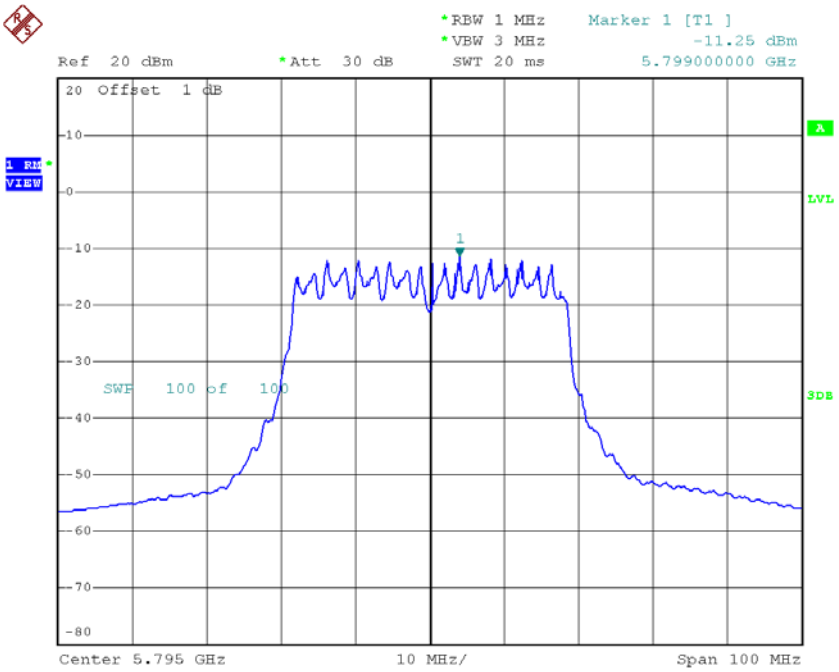
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-6.43	1.39	-5.04	30.00
CH159	5795	-11.25	1.39	-9.86	30.00

TX CH151



Date: 9.MAY.2017 21:12:19

TX CH159



Date: 9.MAY.2017 21:13:18

ATTACHMENT H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9840
120	5179.9832
108	5179.9828
Max. Deviation (MHz)	0.0172
Max. Deviation (ppm)	3.3205

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5179.9824
5	5179.9820
15	5179.9820
25	5179.9820
35	5179.9816
45	5179.9816
50	5179.9812
Max. Deviation (MHz)	0.0188
Max. Deviation (ppm)	3.6293

Test Mode:	UNII-2A

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
132	5259.9856
120	5259.9840
108	5259.9836
Max. Deviation (MHz)	0.0164
Max. Deviation (ppm)	3.1179

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5260.0000
-5	5259.9828
5	5259.9832
15	5259.9824
25	5259.9824
35	5259.9820
45	5259.9816
50	5259.9816
Max. Deviation (MHz)	0.0184
Max. Deviation (ppm)	3.4981

Test Mode:	UNII-2C

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
132	5499.9812
120	5499.9812
108	5499.9808
Max. Deviation (MHz)	0.0192
Max. Deviation (ppm)	3.4909

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5500.0000
-5	5499.9808
5	5499.9808
15	5499.9804
25	5499.9800
35	5499.9804
45	5499.9804
50	5499.9804
Max. Deviation (MHz)	0.0200
Max. Deviation (ppm)	3.6364

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9840
120	5744.9812
108	5744.9804
Max. Deviation (MHz)	0.0196
Max. Deviation (ppm)	3.4117

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5744.9804
5	5744.9804
15	5744.9800
25	5744.9800
35	5744.9800
45	5744.9796
50	5744.9796
Max. Deviation (MHz)	0.0204
Max. Deviation (ppm)	3.5509