

Test Report No.10038030 001

Appendix 2: Test Result of Radiated Emissions and
Radiated Band Edge

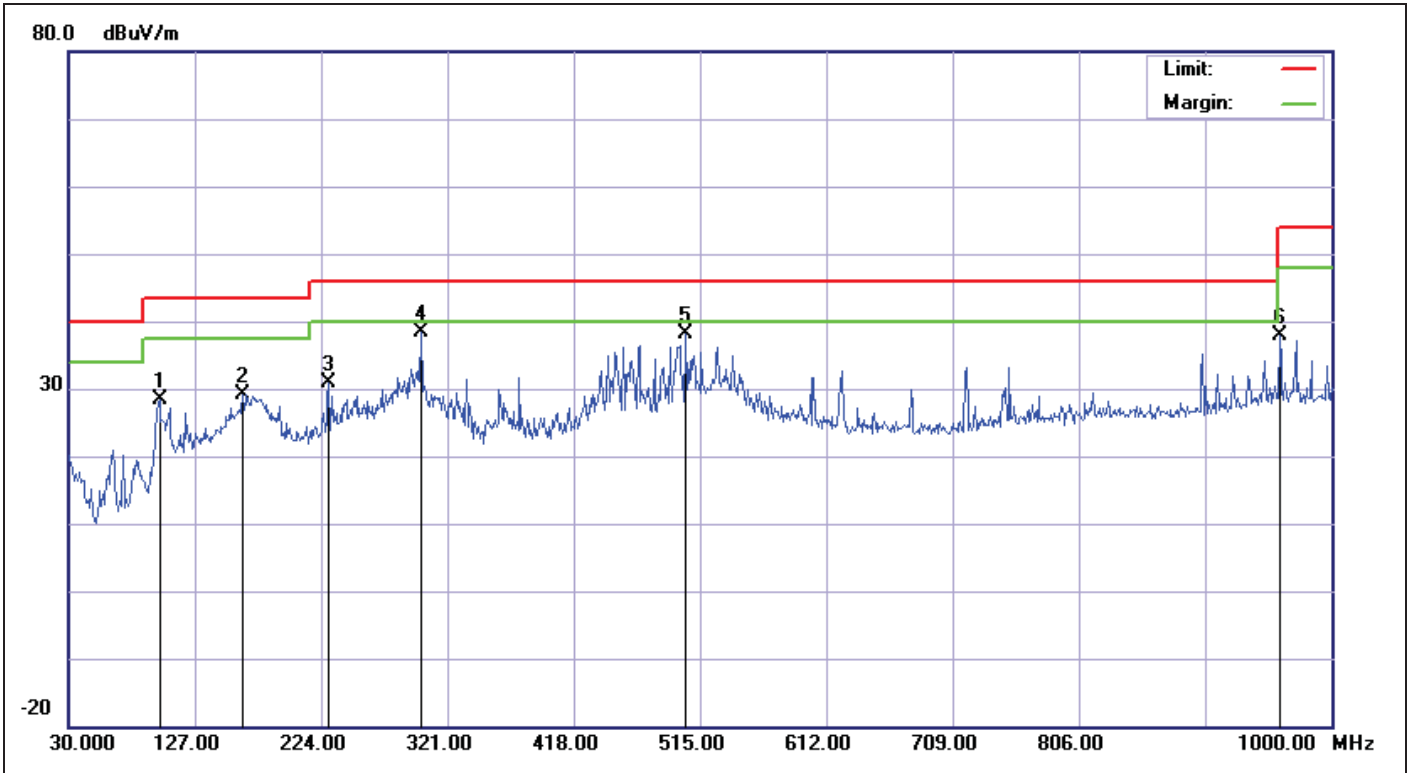
(File: 10038030Appendix2)



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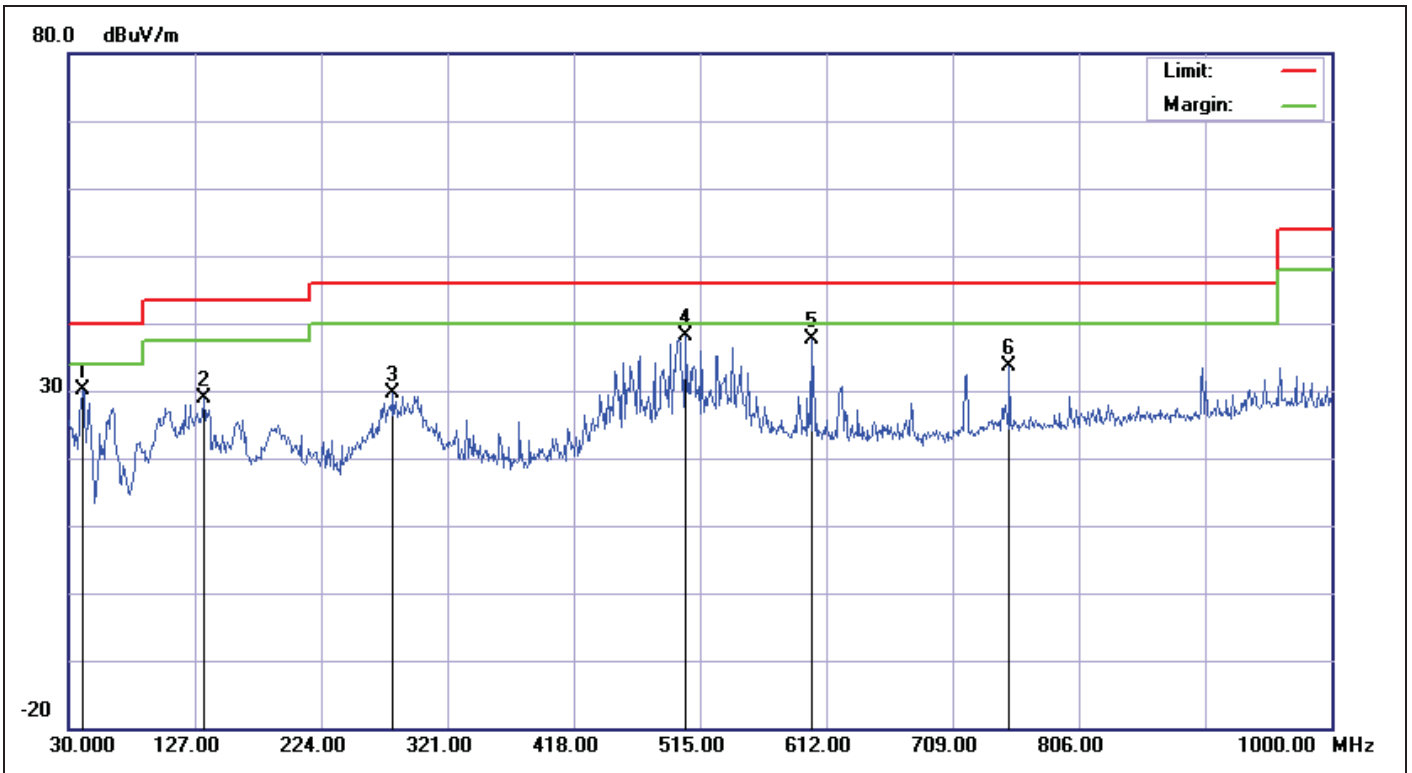
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2012/7/30 AM 10:06:47
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2405 TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	99.8400	-15.90	44.16	28.26	43.50	-15.24	QP	300	163	
2	163.8600	-15.07	44.13	29.06	43.50	-14.44	QP	200	193	
3	229.8200	-14.87	45.76	30.89	46.00	-15.11	QP	100	170	
4	300.6300	-11.27	49.55	38.28	46.00	-7.72	QP	100	180	
5	504.3300	-7.45	45.65	38.20	46.00	-7.80	QP	200	217	
6	960.2300	0.06	37.89	37.95	54.00	-16.05	QP	100	93	



Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2012/7/30 AM 10:11:46
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2405 TX		
Remark:			

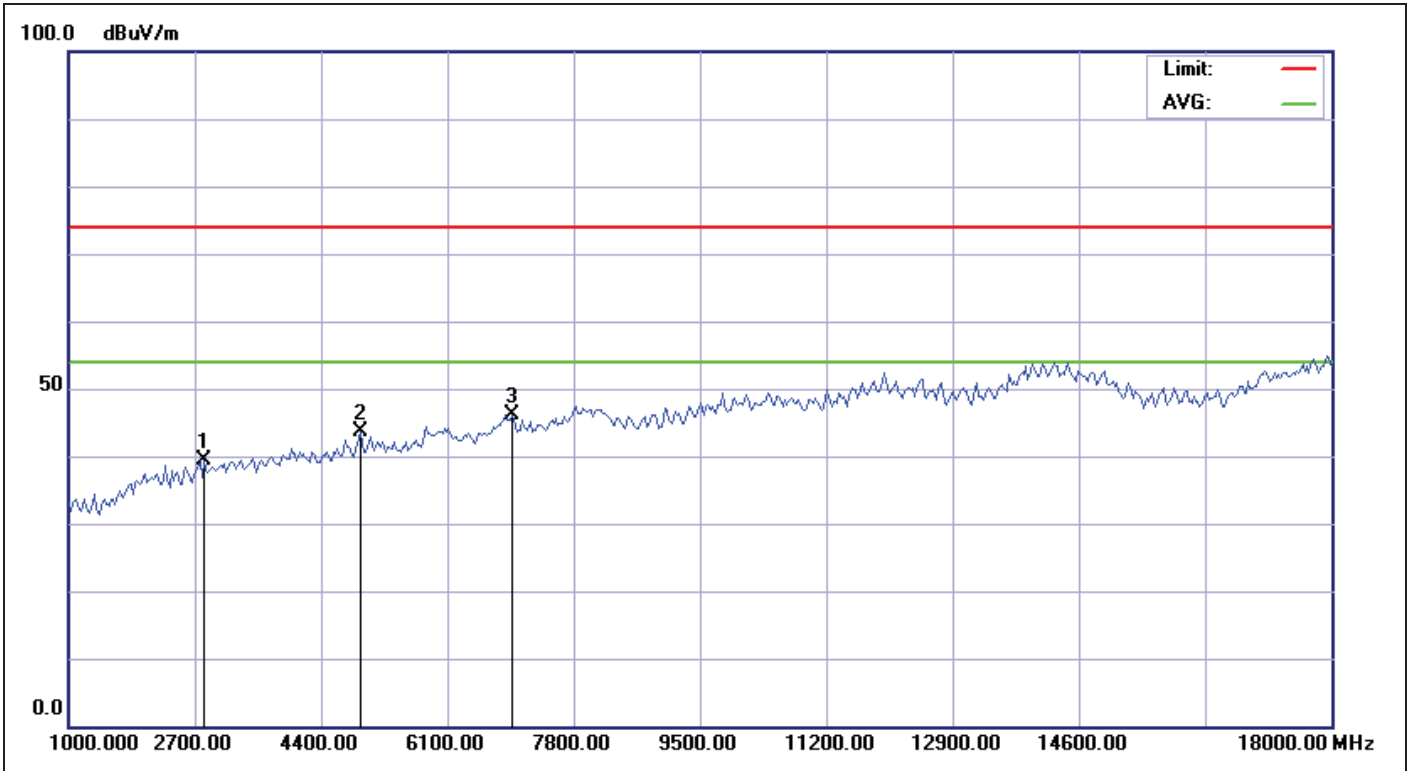
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	40.6700	-13.33	43.54	30.21	40.00	-9.79	QP	200	0	
2	133.7900	-13.61	42.56	28.95	43.50	-14.55	QP	100	24	
3	279.2900	-11.96	41.60	29.64	46.00	-16.36	QP	200	306	
4	504.3300	-7.45	45.54	38.09	46.00	-7.91	QP	100	183	
5	600.3600	-5.87	43.39	37.52	46.00	-8.48	QP	200	180	
6	752.6500	-3.33	36.84	33.51	46.00	-12.49	QP	100	336	



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Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 01:54:27
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2405 TX		
Remark:			

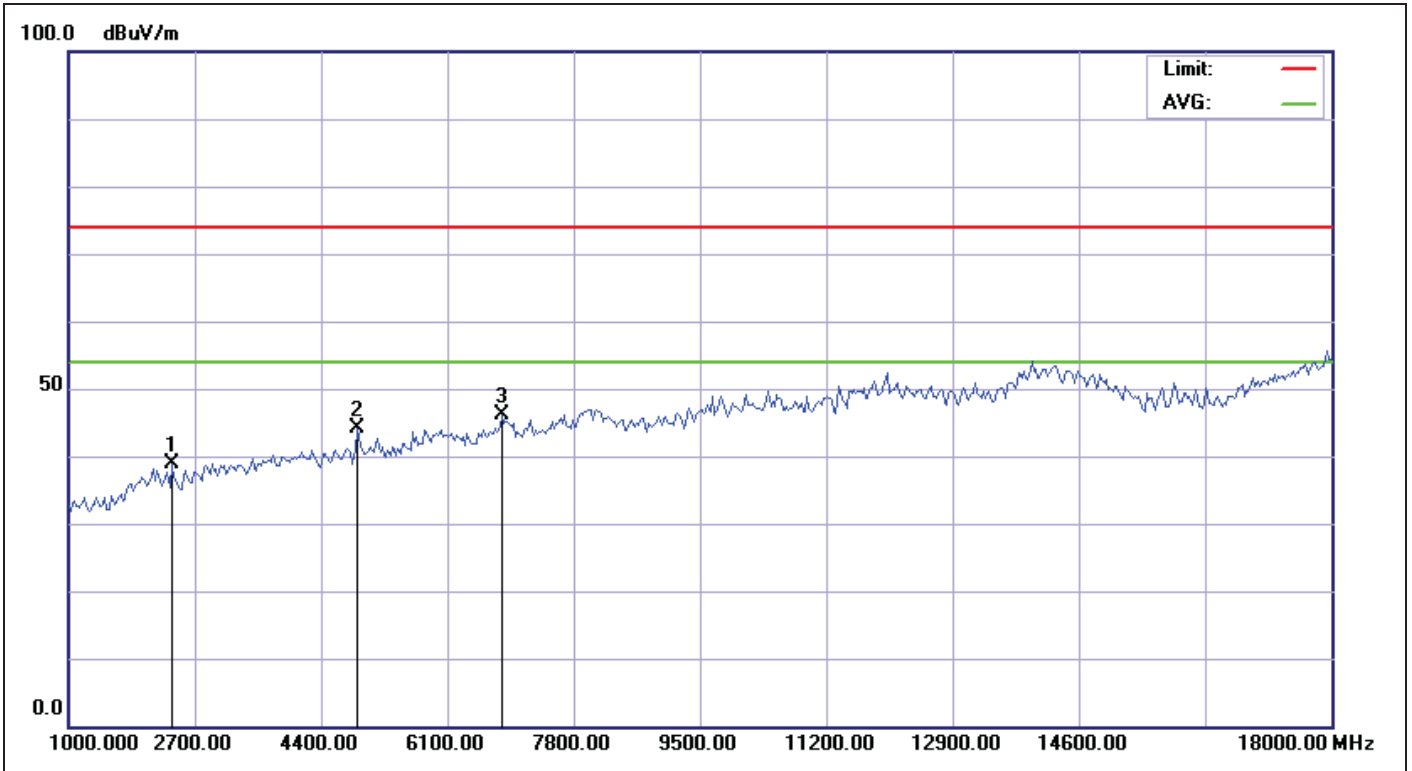
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2825.321	9.34	30.07	39.41	74.00	-34.59	peak			
2	4923.077	13.51	30.02	43.53	74.00	-30.47	peak			
3	6966.346	18.49	27.70	46.19	74.00	-27.81	peak			



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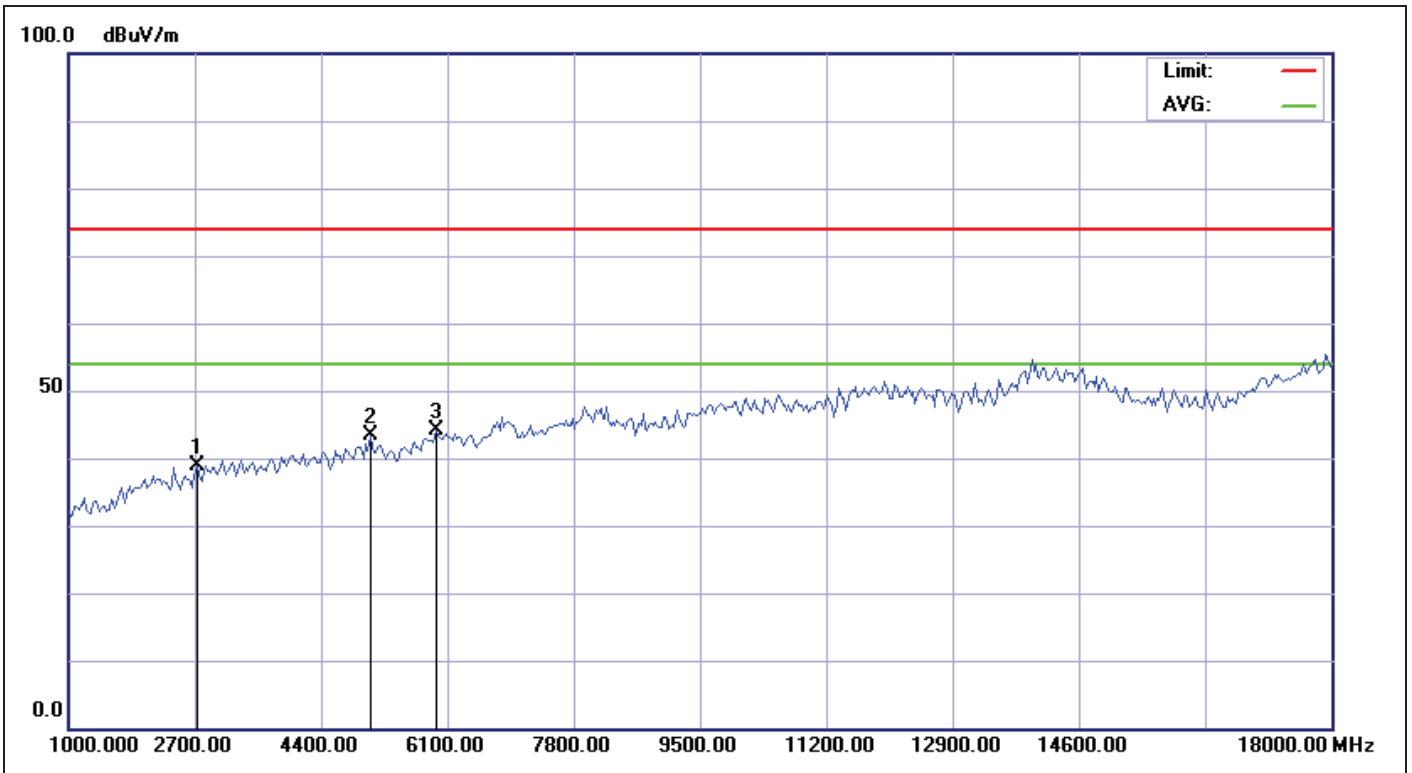
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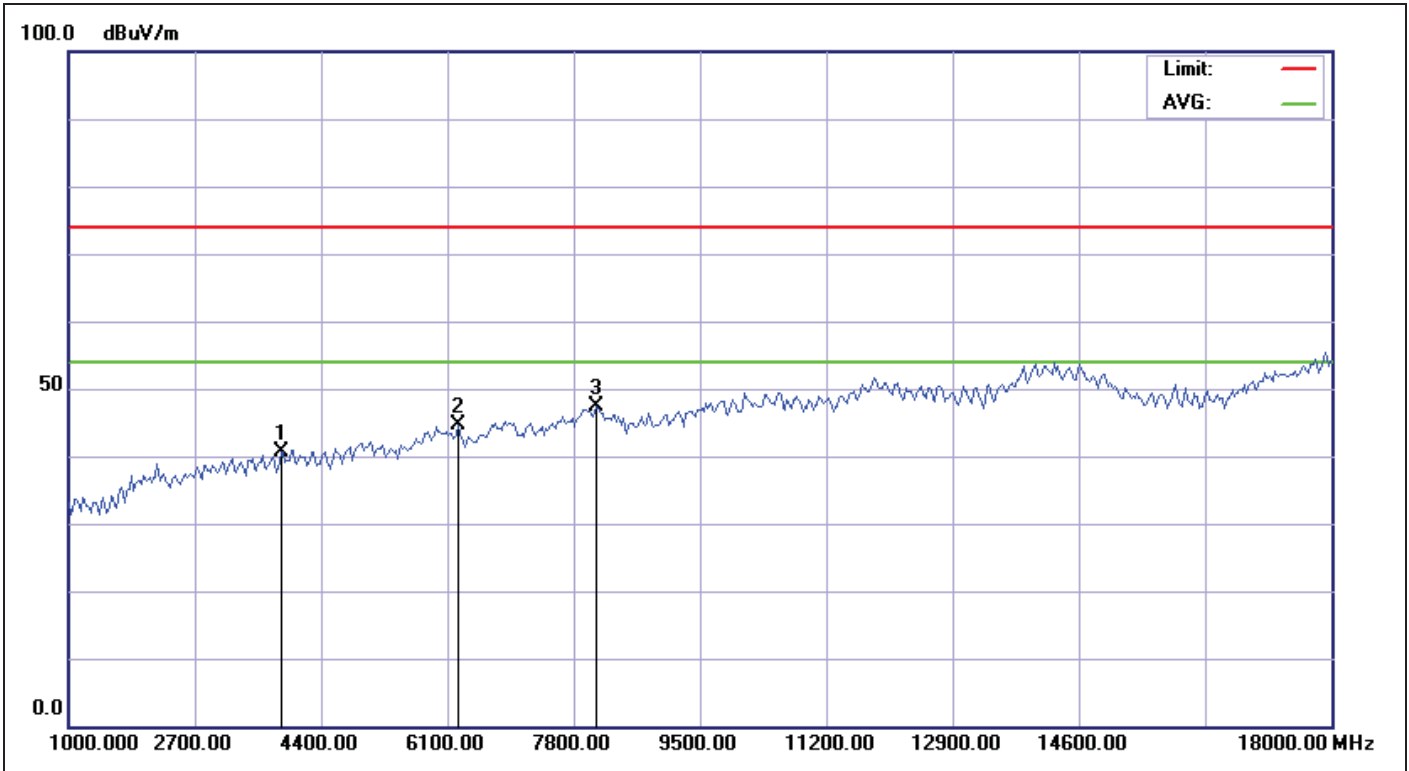
Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 01:56:11
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2405 TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2389.423	8.07	30.77	38.84	74.00	-35.16	peak			
2	4895.833	13.42	30.68	44.10	74.00	-29.90	peak			
3	6830.128	18.00	28.10	46.10	74.00	-27.90	peak			



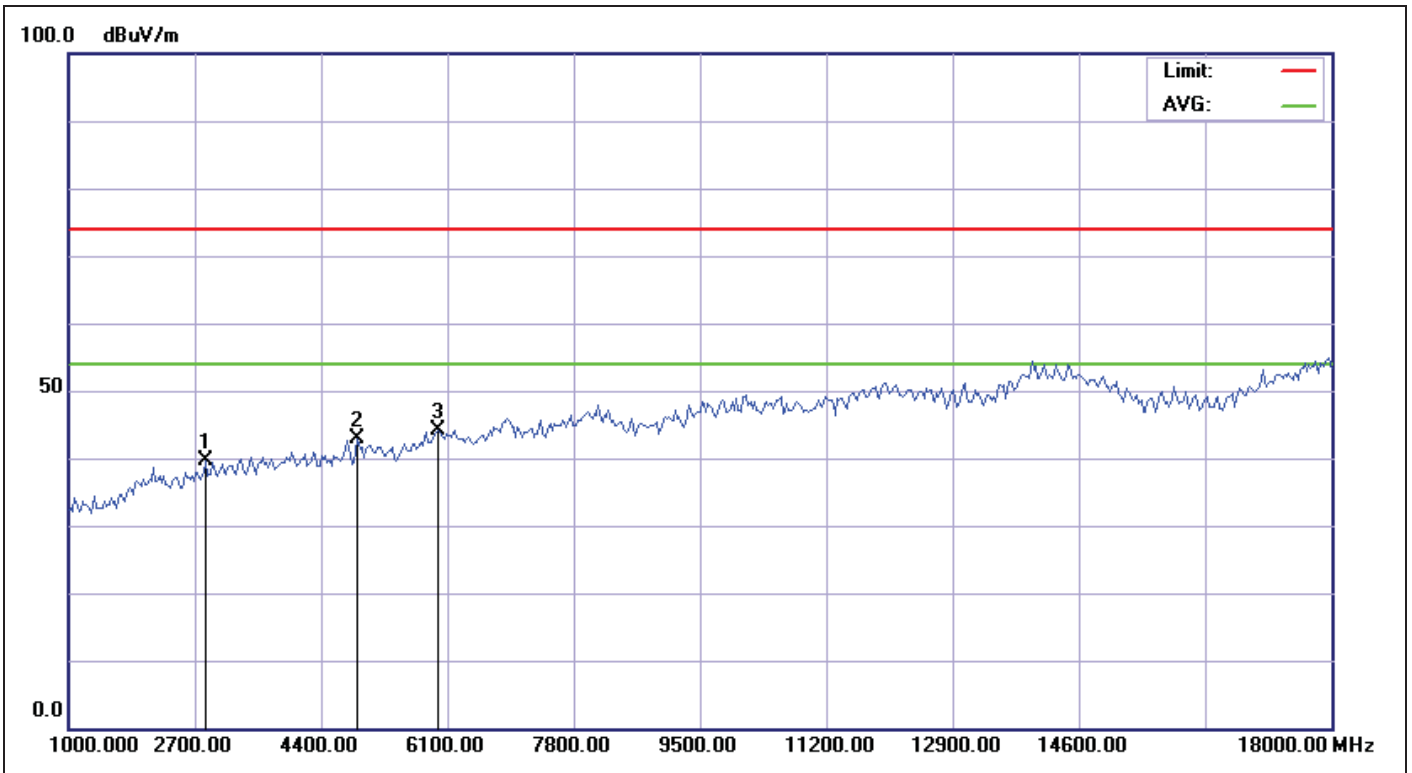
Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 01:58:29
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2440 TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2743.590	9.07	29.82	38.89	74.00	-35.11	peak			
2	5059.295	13.84	29.55	43.39	74.00	-30.61	peak			
3	5958.333	16.96	27.07	44.03	74.00	-29.97	peak			



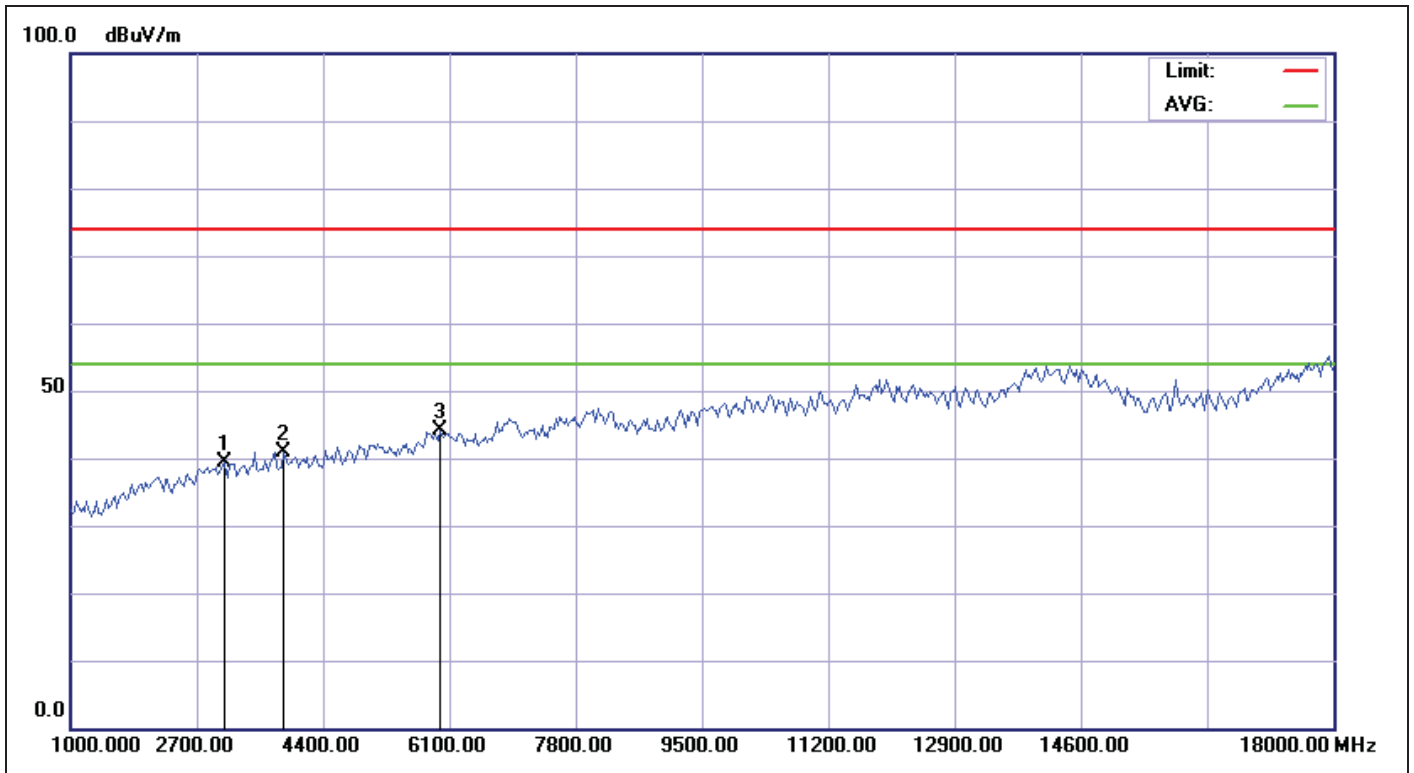
Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 02:00:25
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2440 TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3860.577	11.08	29.63	40.71	74.00	-33.29	peak			
2	6258.013	17.01	27.60	44.61	74.00	-29.39	peak			
3	8110.577	20.65	26.70	47.35	74.00	-26.65	peak			



Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 02:03:09
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2480 TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2852.564	9.43	30.16	39.59	74.00	-34.41	peak			
2	4895.833	13.42	29.43	42.85	74.00	-31.15	peak			
3	5985.577	17.11	26.97	44.08	74.00	-29.92	peak			



Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 02:04:53
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2480 TX		
Remark:			

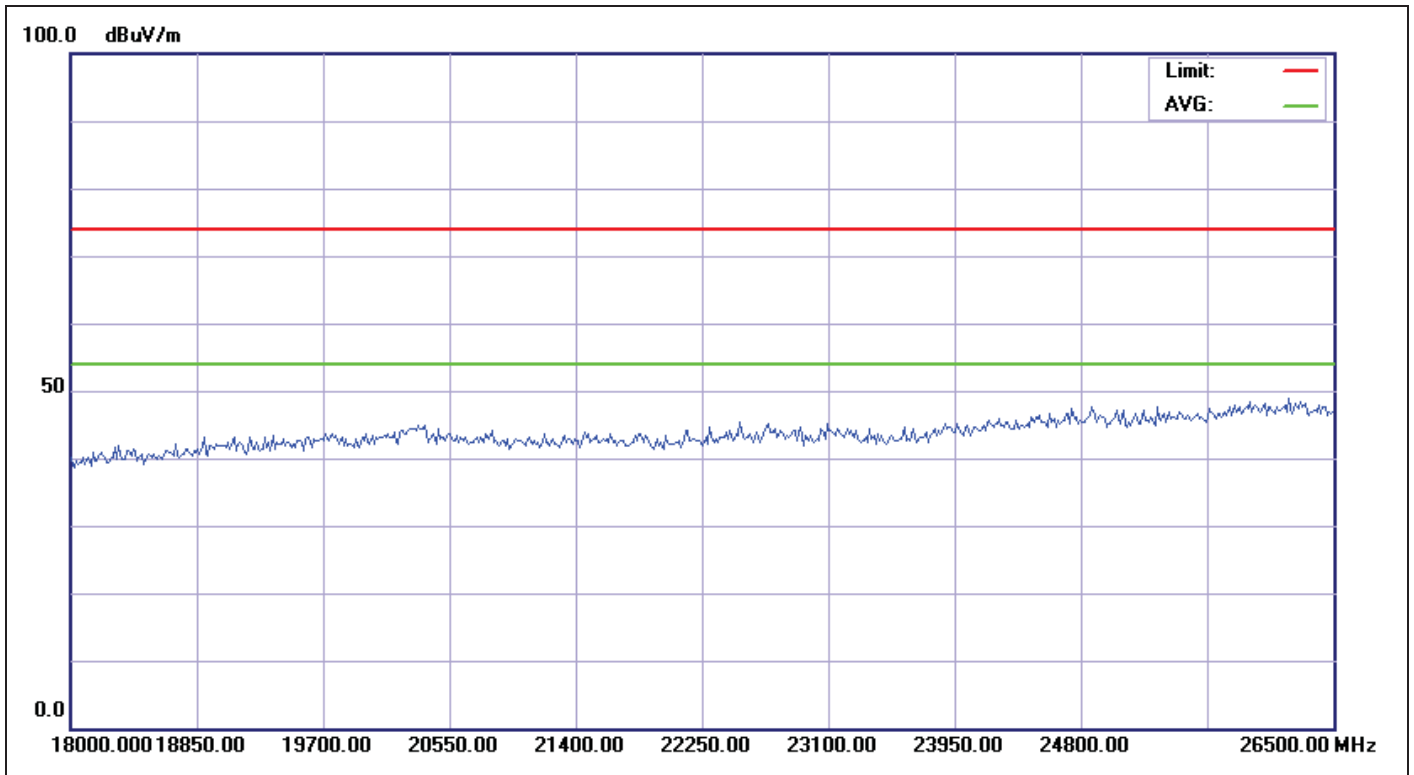
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3070.513	9.98	29.41	39.39	74.00	-34.61	peak			
2	3860.577	11.08	29.88	40.96	74.00	-33.04	peak			
3	5985.577	17.11	26.90	44.01	74.00	-29.99	peak			



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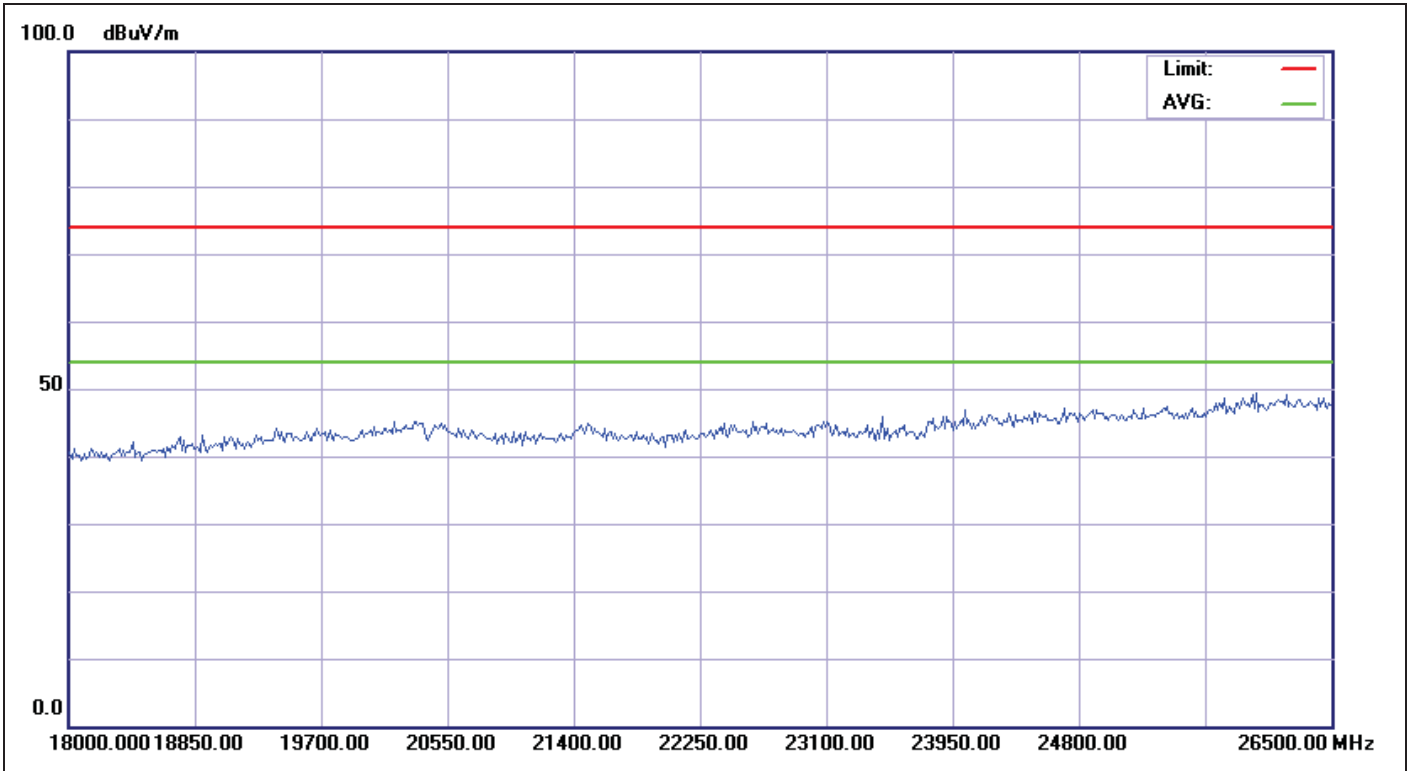
Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 02:50:38
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2405 TX		
Remark:			



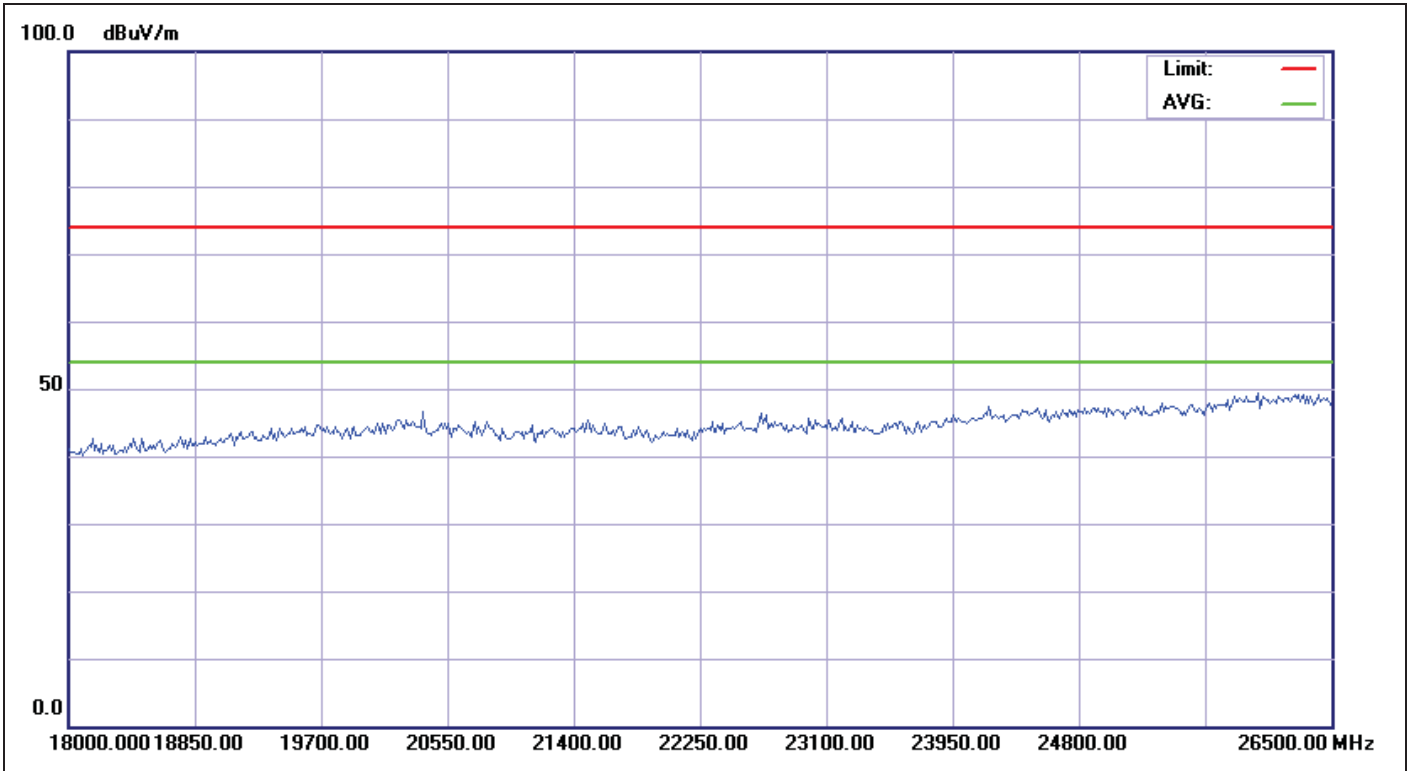
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Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 02:51:46
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2405 TX		
Remark:			



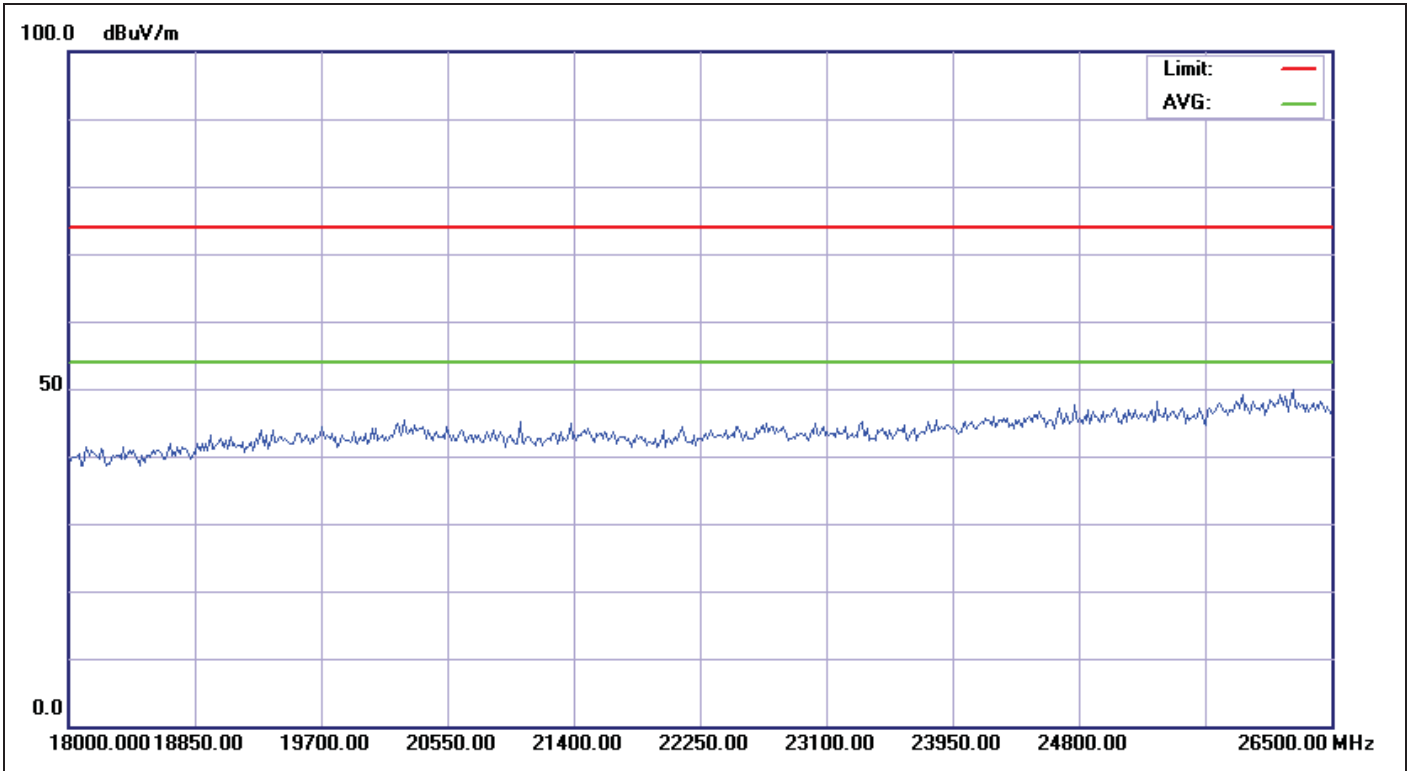
Service No.:	113154024-RF	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2012/7/30 PM 02:53:30
Applicant:	Wiser	Test Rating:	DC 5V
Product:	ZigBee USB	Temp.(°C)/Hum.(%):	26(°C)/41%
Model No.:	UZI	Test Engineer:	Hugo Chang
Test Mode:	2440 TX		
Remark:			



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Service No.: 113154024-RF

Test Distance: 3M

Test Standard: FCC above 1G PEAK

Ant. Polarization: Vertical

Test item: Radiation Emission

Test Time: 2012/7/30 PM 02:54:10

Applicant: Wiser

Test Rating: DC 5V

Product: ZigBee USB

Temp.(°C)/Hum.(%): 26(°C)/41%

Model No.: UZI

Test Engineer: Hugo Chang

Test Mode: 2440 TX

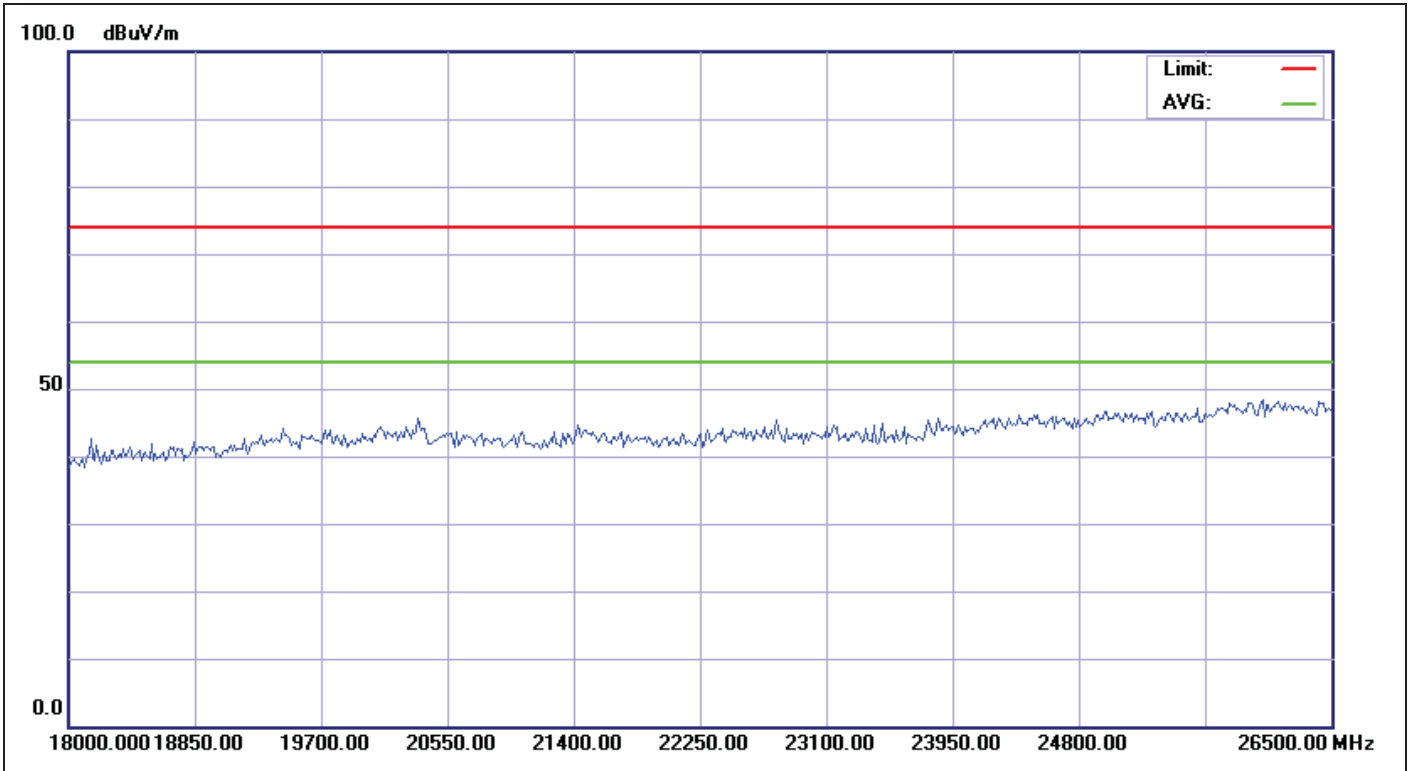
Remark:



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Service No.: 113154024-RF

Test Distance: 3M

Test Standard: FCC above 1G PEAK

Ant. Polarization: Horizontal

Test item: Radiation Emission

Test Time: 2012/7/30 PM 02:54:34

Applicant: Wiser

Test Rating: DC 5V

Product: ZigBee USB

Temp.(°C)/Hum.(%): 26(°C)/41%

Model No.: UZI

Test Engineer: Hugo Chang

Test Mode: 2480 TX

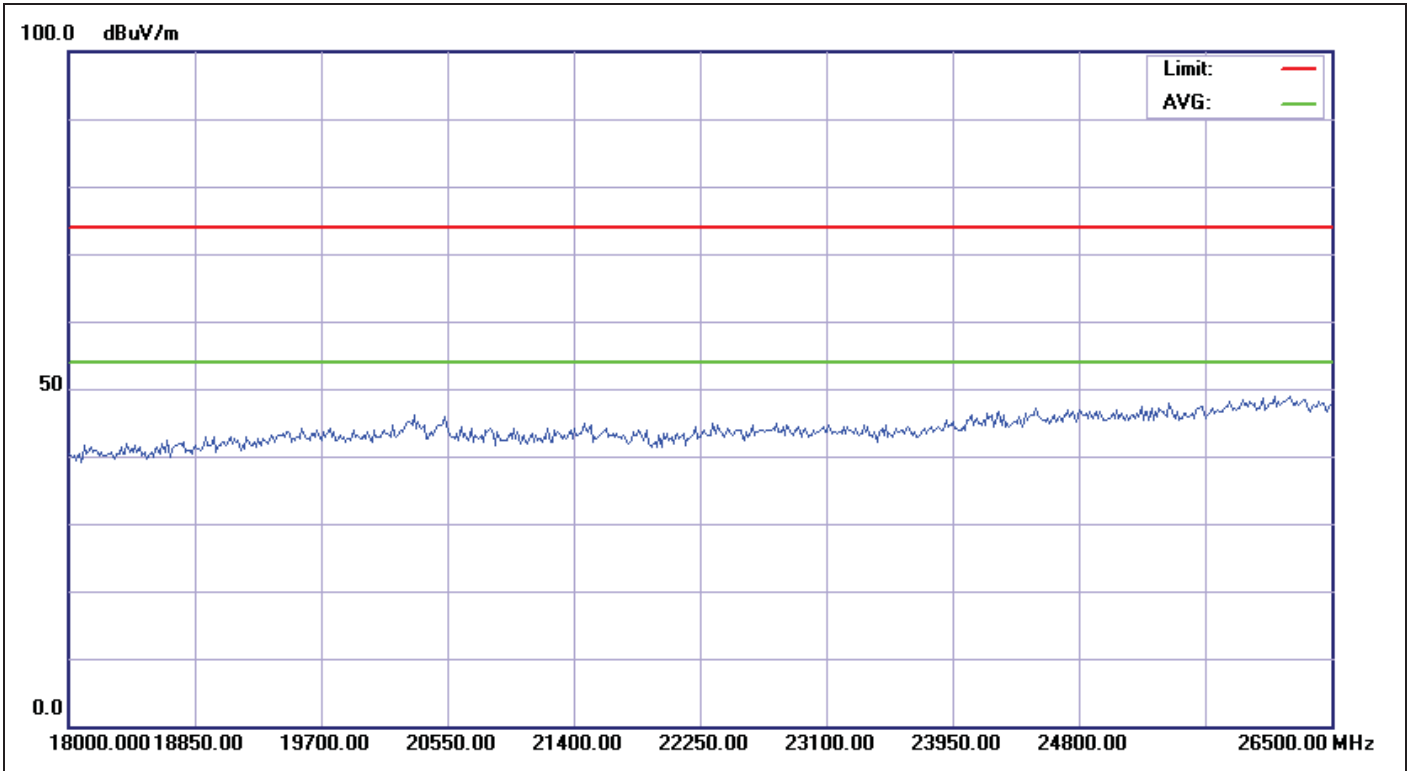
Remark:



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Service No.: 113154024-RF

Test Distance: 3M

Test Standard: FCC above 1G PEAK

Ant. Polarization: Vertical

Test item: Radiation Emission

Test Time: 2012/7/30 PM 02:55:27

Applicant: Wiser

Test Rating: DC 5V

Product: ZigBee USB

Temp.(°C)/Hum.(%): 26(°C)/41%

Model No.: UZI

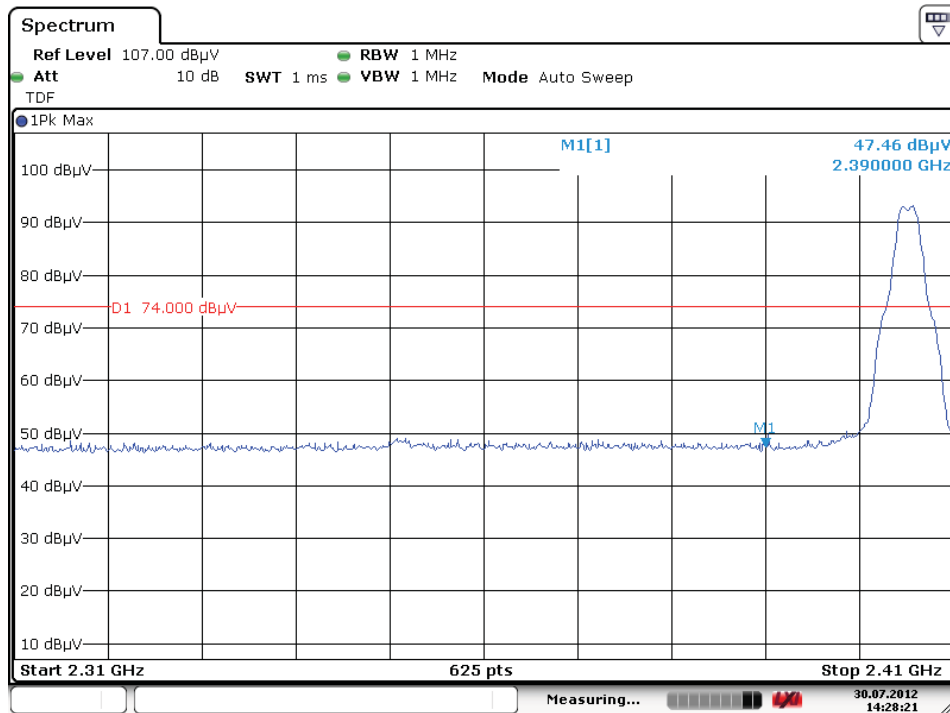
Test Engineer: Hugo Chang

Test Mode: 2480 TX

Remark:

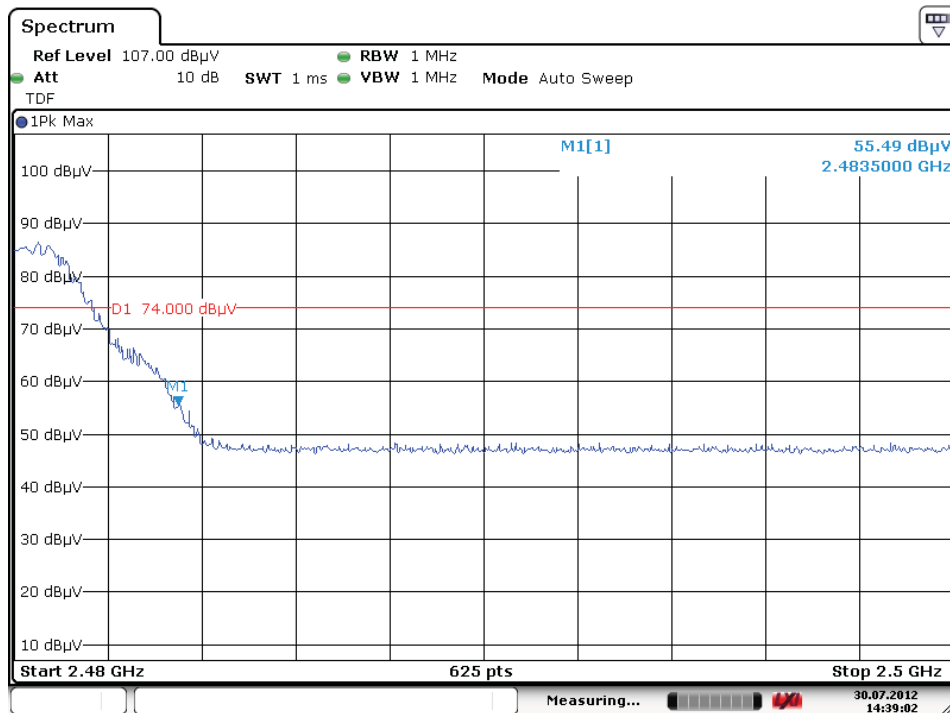
Radiated Bandedge

Low Channel (H)



Date: 30.JUL.2012 14:28:21

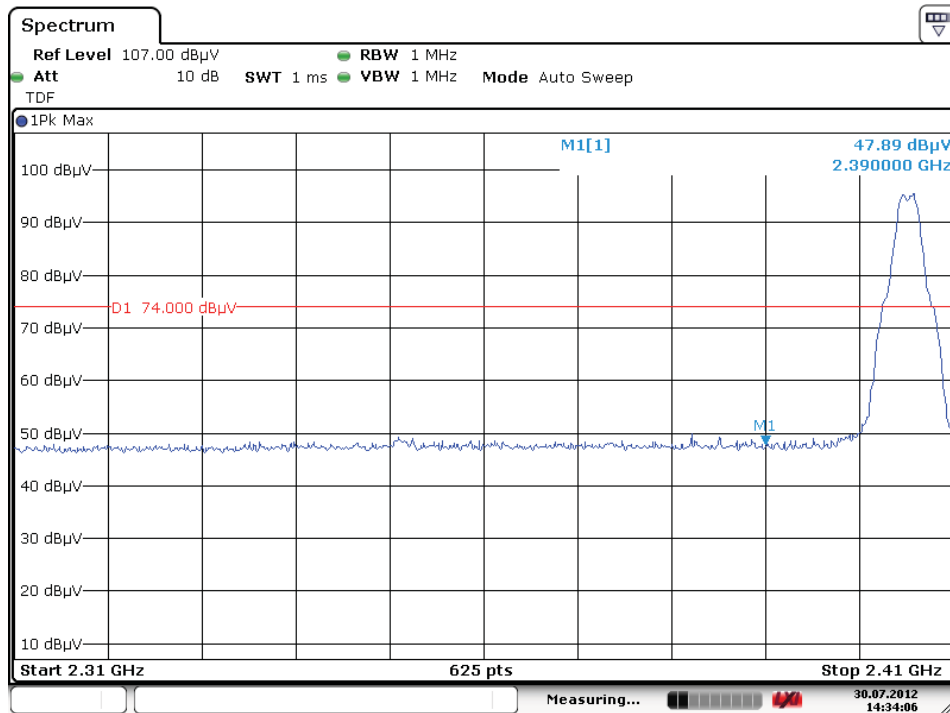
High Channel (H)



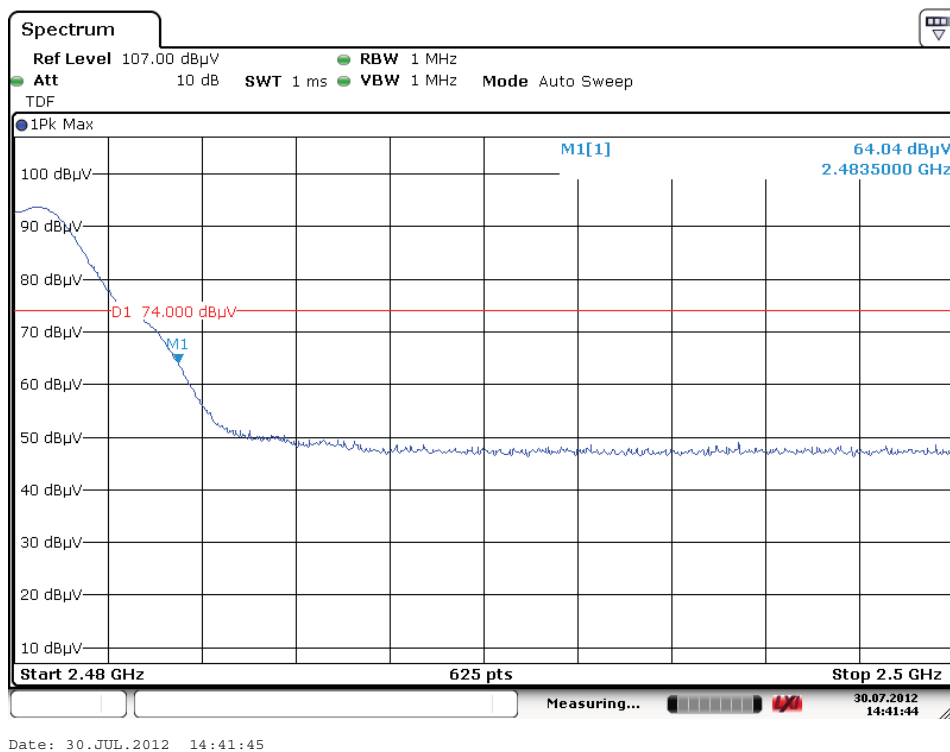
Date: 30.JUL.2012 14:39:03

Radiated Bandedge

Low Channel (V)

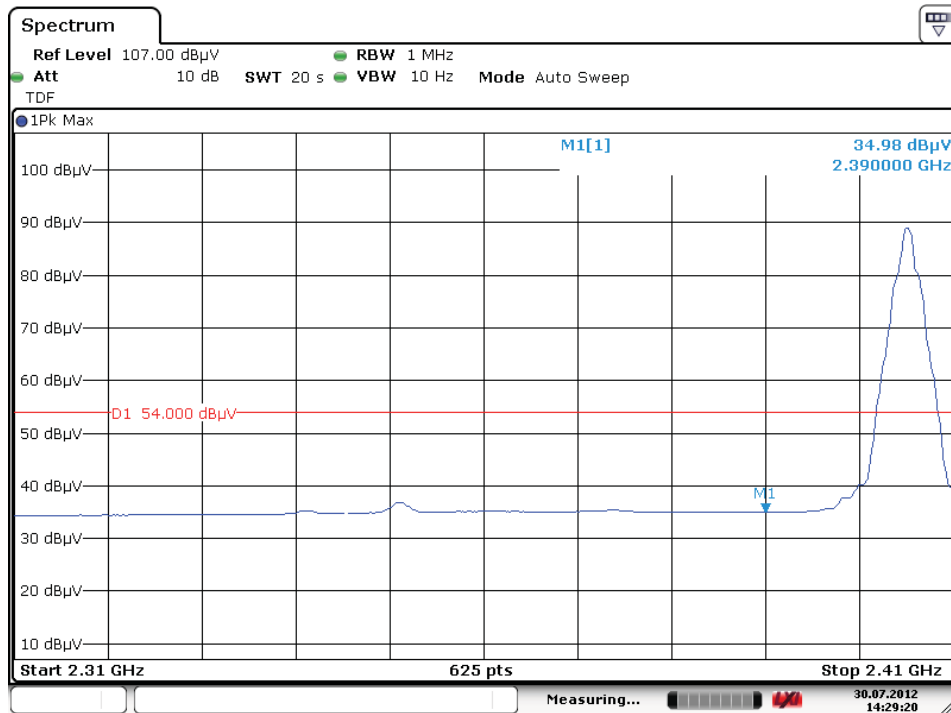


High Channel (V)



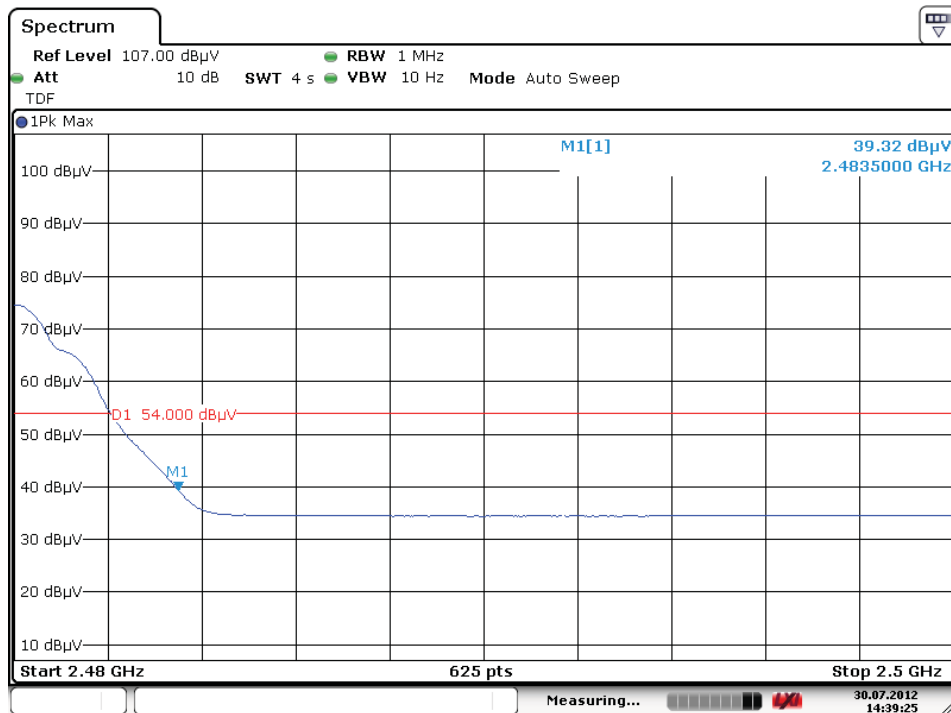
Radiated Bandedge (Average)

Low Channel (H)



Date: 30.JUL.2012 14:29:20

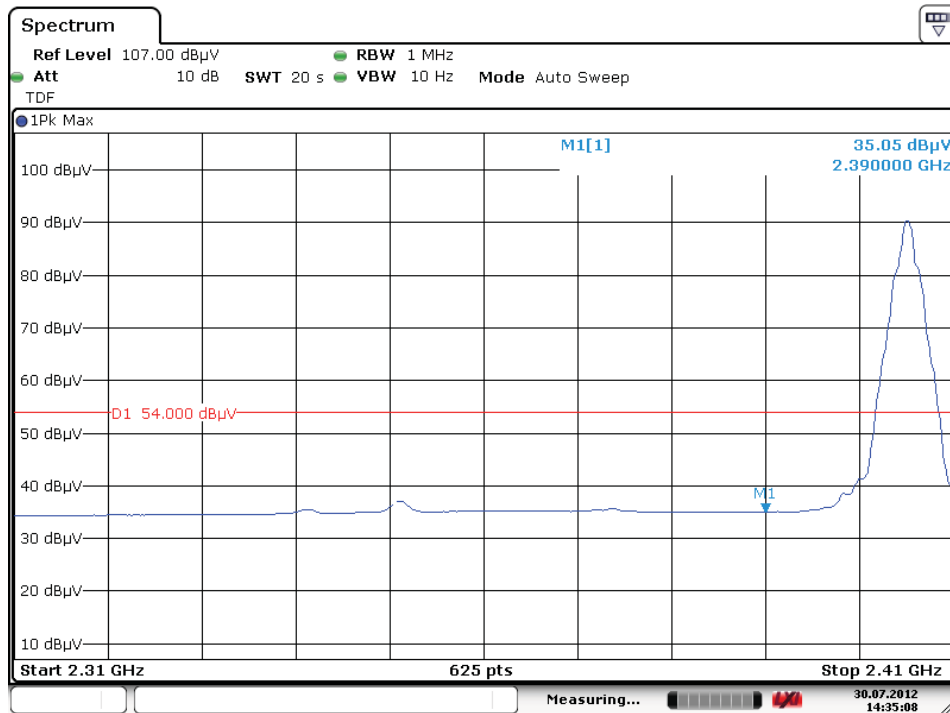
High Channel (H)



Date: 30.JUL.2012 14:39:25

Radiated Bandedge (Average)

Low Channel (V)



High Channel (V)

