

# Test Report No.10054928 001

## Appendix D: Radiated and Mains Spurious Emission Data

(File: 10054928AppendixD)

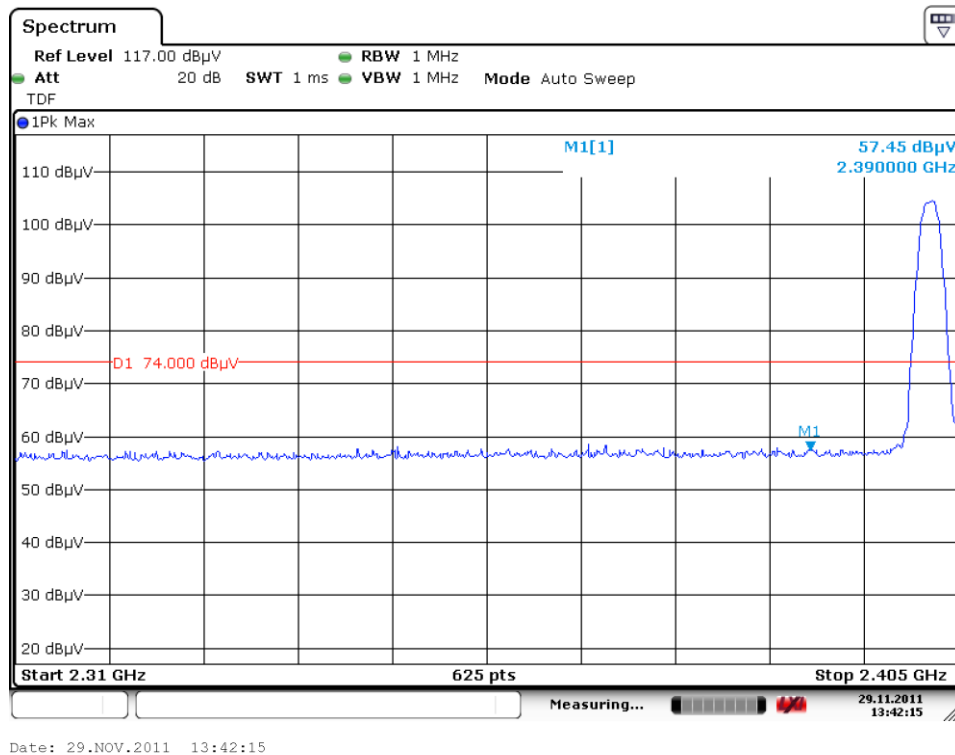
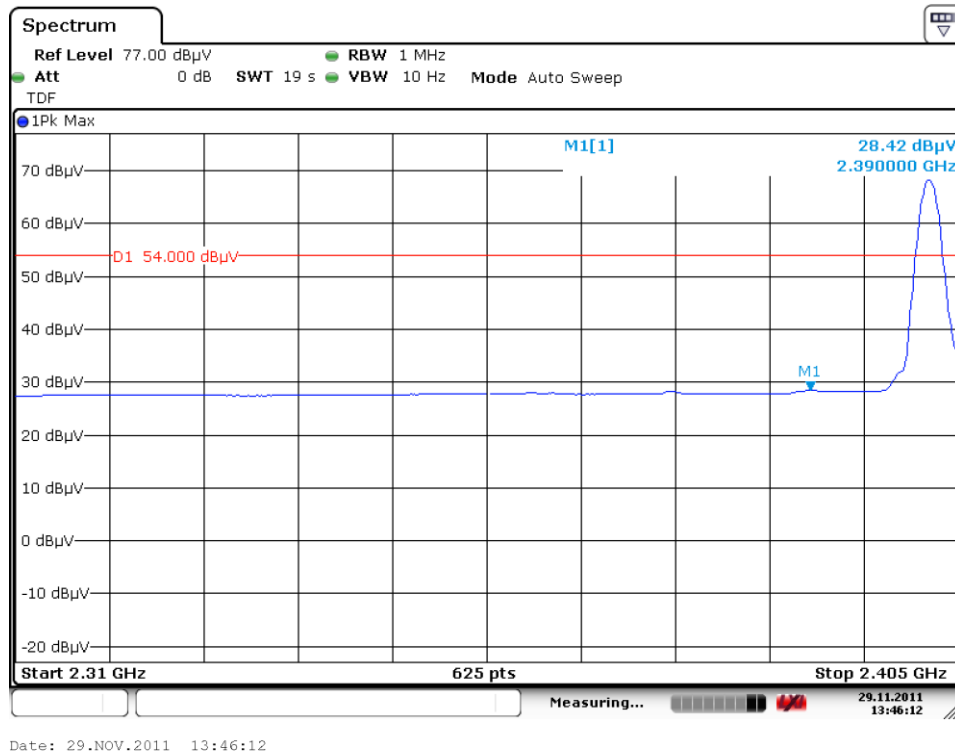
### Contents

Spurious Emissions, Band Edges, 2.35-2.5G .....	2
Spurious Emissions, TX Mode, 1-18G.....	6
Spurious Emissions, TX Mode, 18-26G.....	12
Spurious Emissions, TX Mode, 30M-1G .....	18
Spurious Emissions, RX Mode, 1-18G .....	20
Spurious Emissions, RX Mode, 18-26G .....	26
Spurious Emissions, Mains, 150kHz - 30MHz .....	32

## Spurious Emissions, Band Edges, 2.35-2.5G

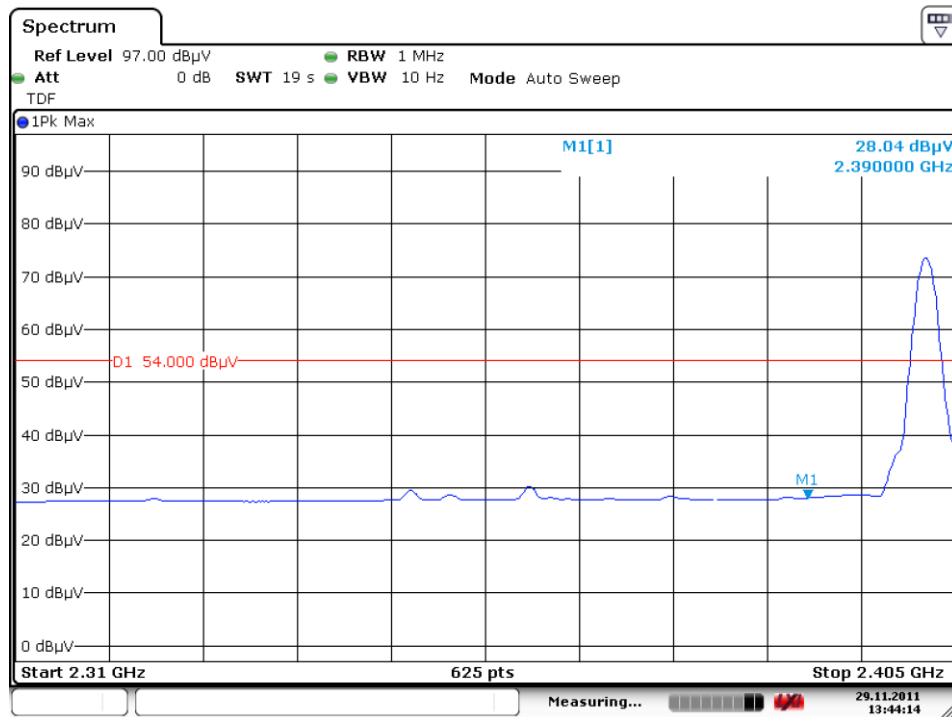
# Radiated Bandedge (GFSK)

### Low Channel (Hor)

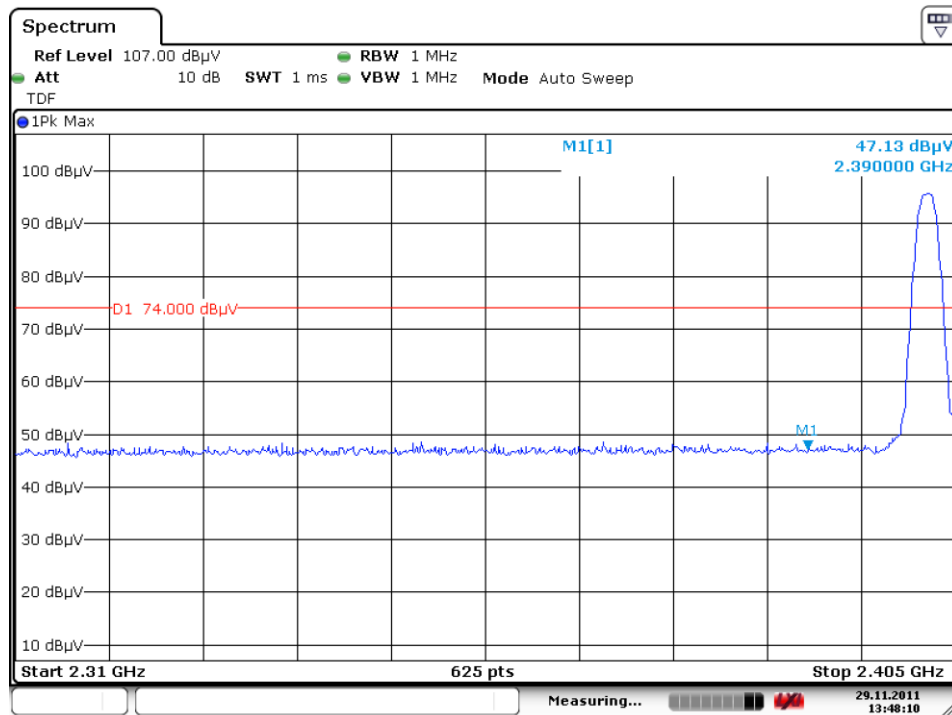


## Spurious Emissions, Band Edge, 2.35-2.5G

## Low Channel (Ver)



Date: 29.NOV.2011 13:44:14

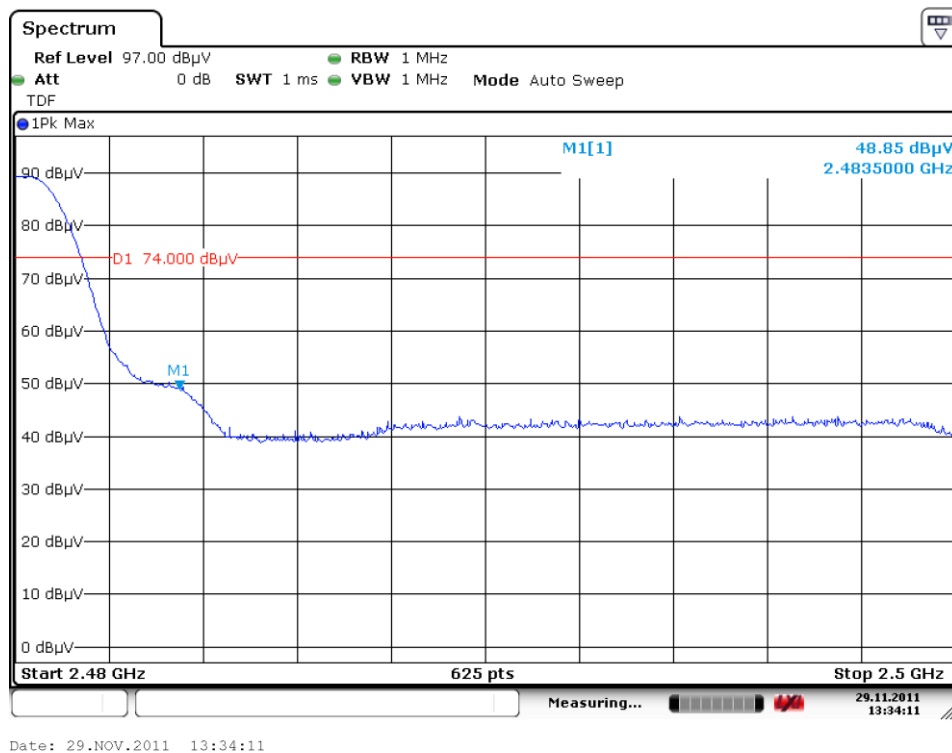
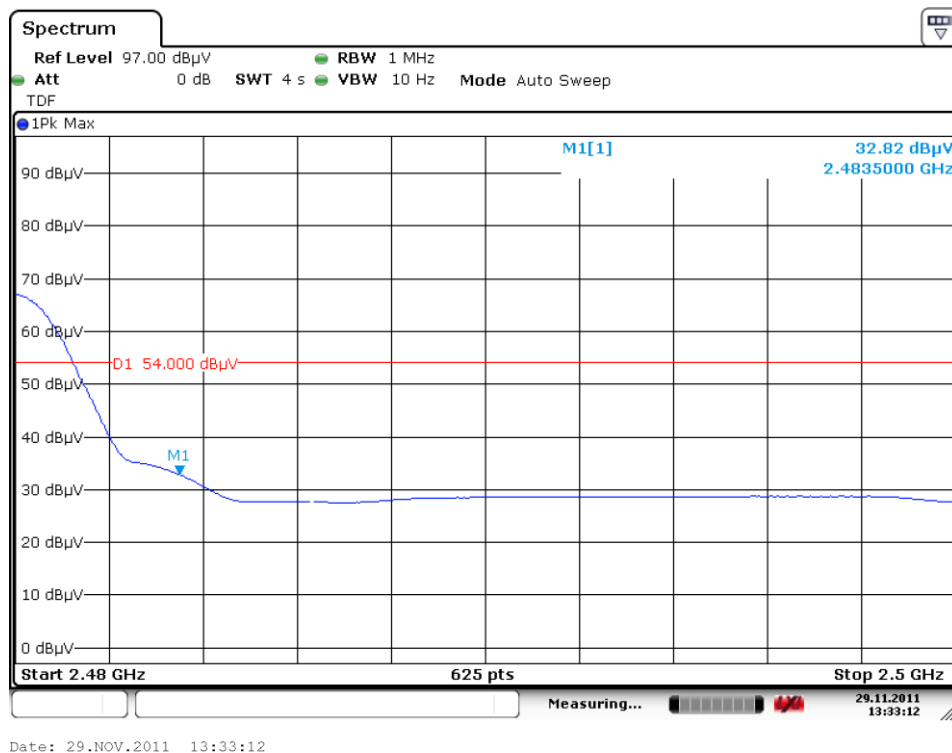


Date: 29.NOV.2011 13:48:09

## Spurious Emissions, Band Edge, 2.35-2.5G

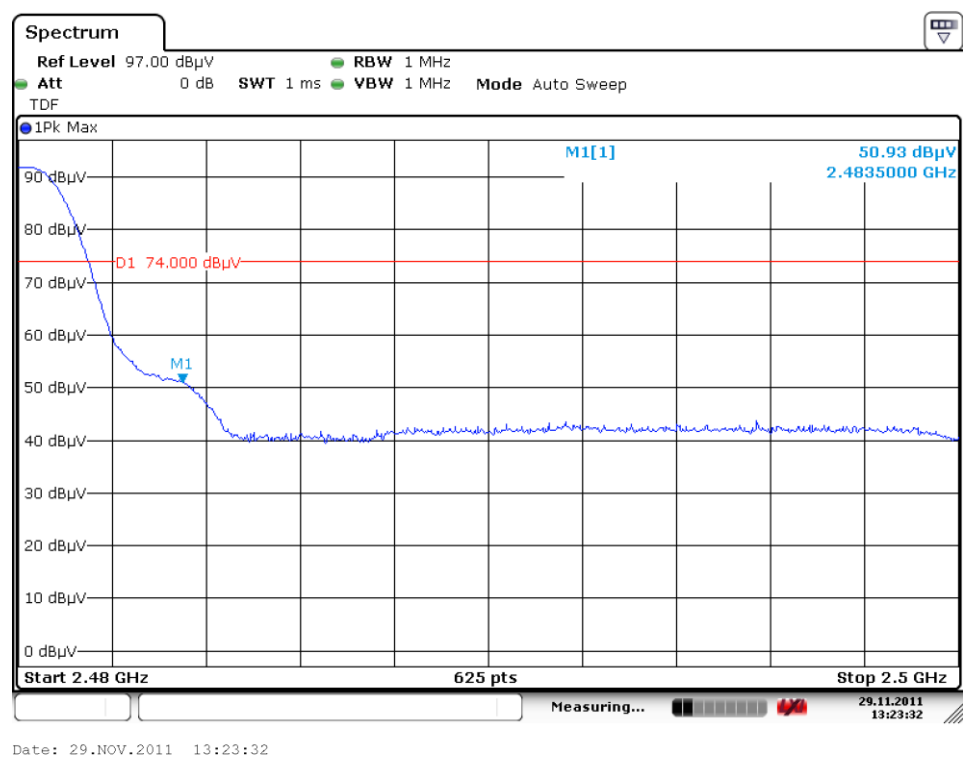
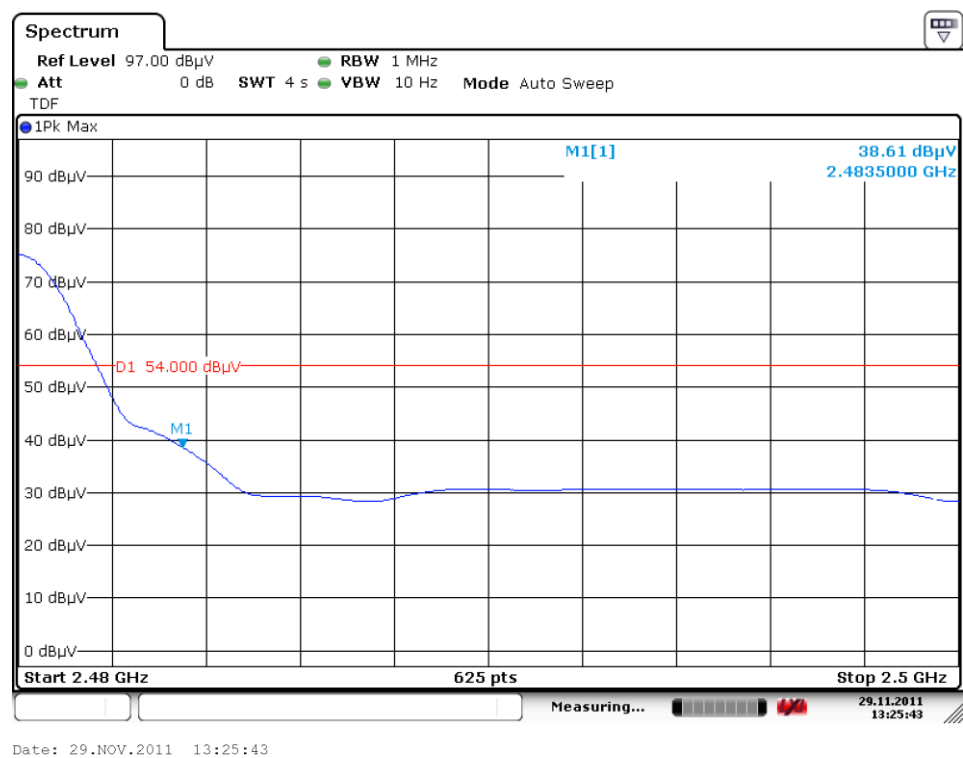
# Radiated Bandedge (GFSK)

## High Channel (Hor)



## Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



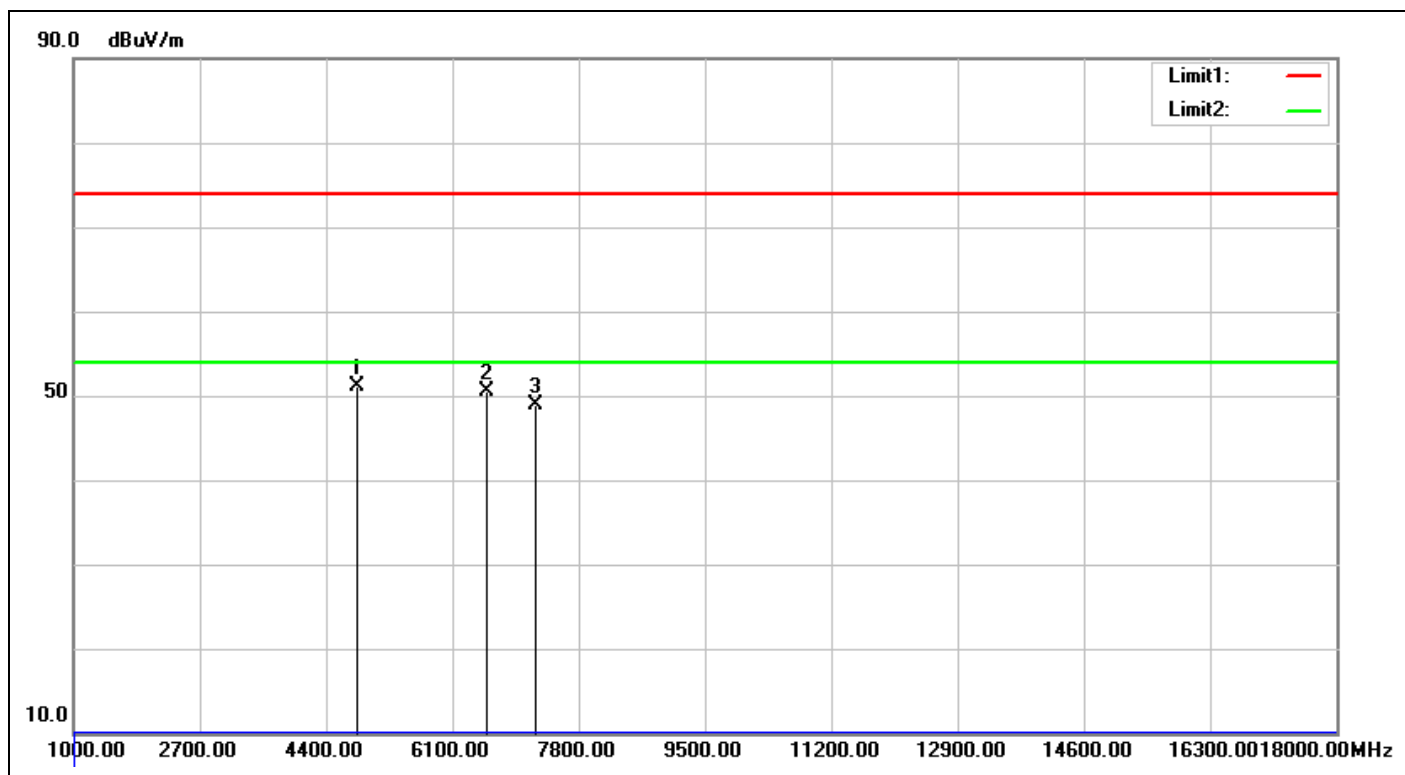
## Spurious Emissions, TX Mode, 1-18G



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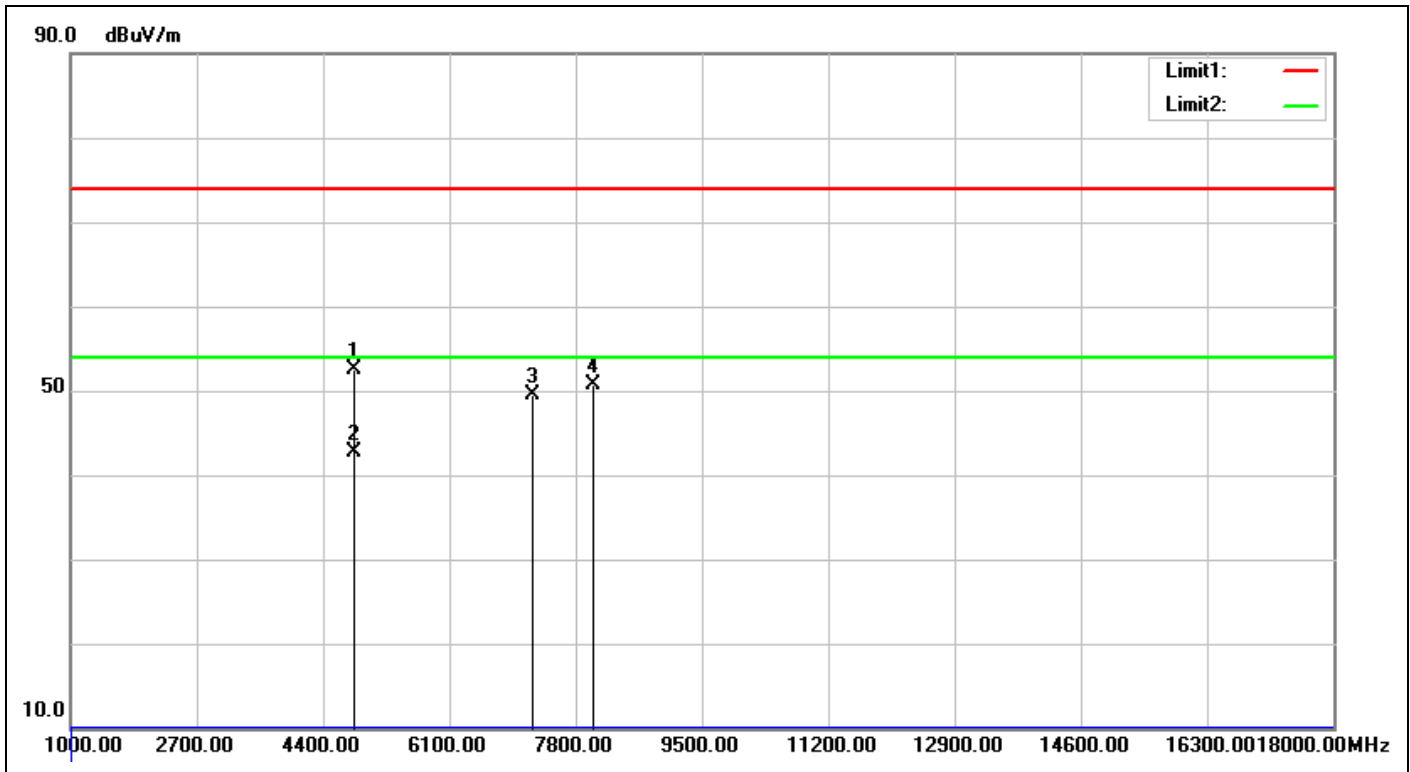
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



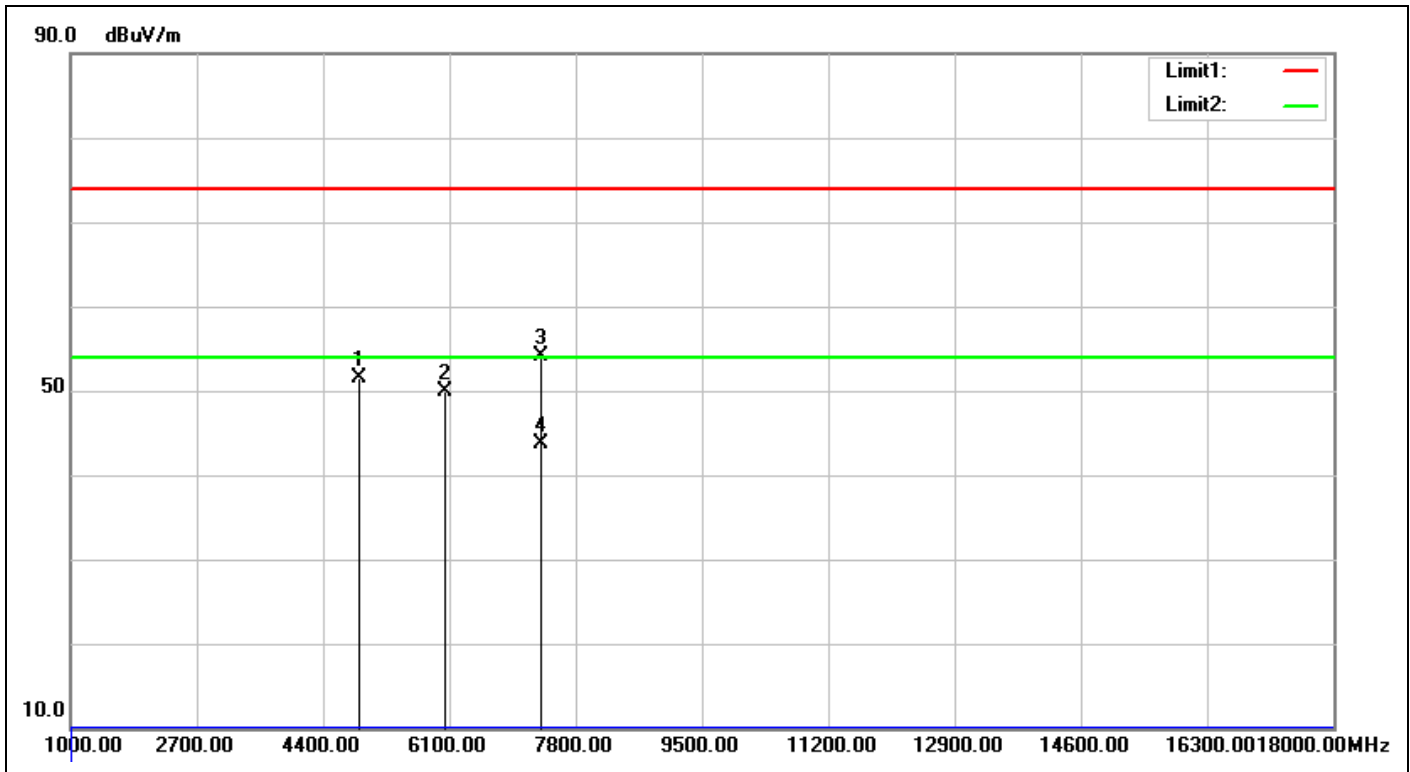
<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:12:47</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2402-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4804.000	-3.09	54.28	51.19	74.00	-22.81	peak	100	199	
2	6559.000	4.88	45.71	50.59	74.00	-23.41	peak	100	263	
3	7206.000	4.73	44.11	48.84	74.00	-25.16	peak		0	



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:13:49</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2402-TX</b>		
<b>Remark:</b>			

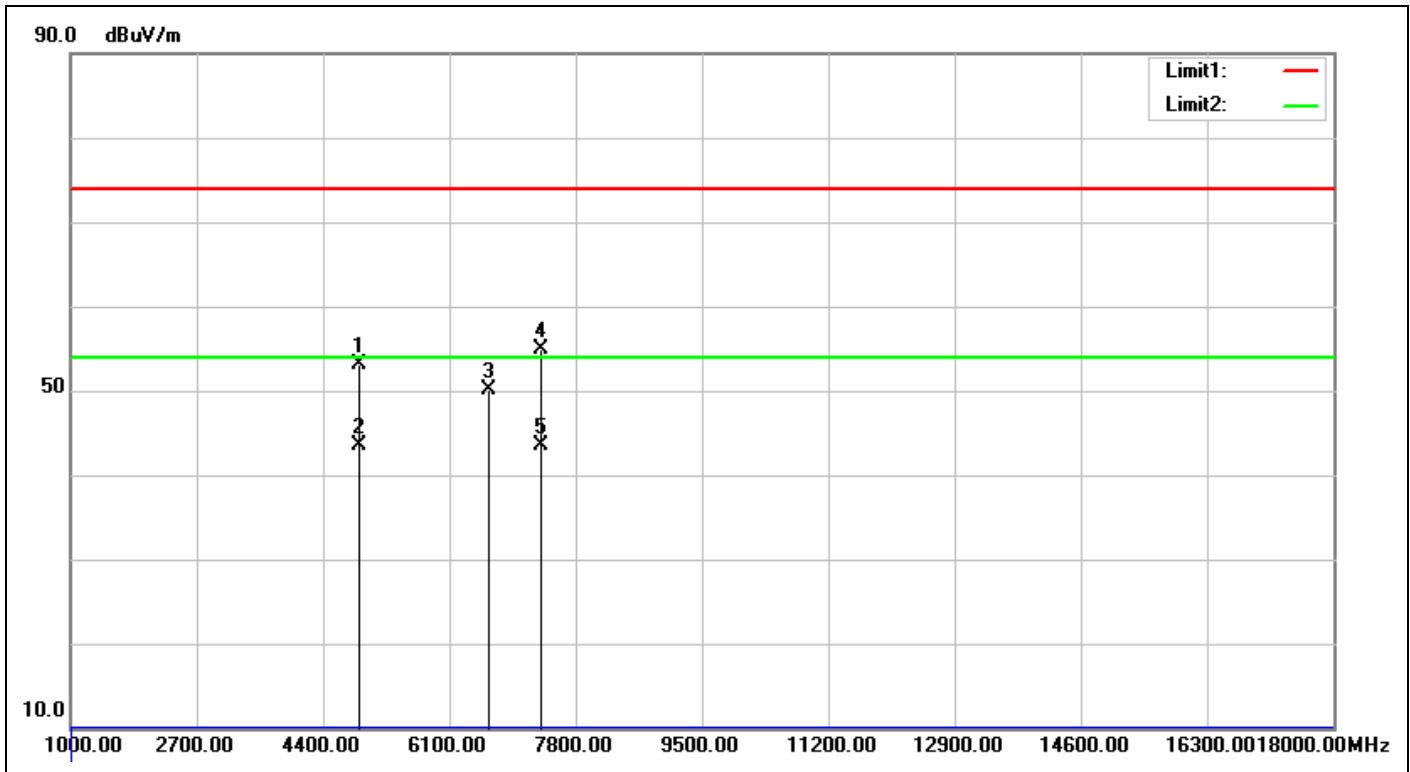
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4804.000	-3.09	55.51	52.42	74.00	-21.58	peak	100	197	
2	4804.000	-3.09	45.83	42.74	54.00	-11.26	AVG	100	197	
3	7206.000	4.73	44.78	49.51	74.00	-24.49	peak			
4	8038.000	5.53	45.27	50.80	74.00	-23.20	peak	100	23	



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:17:15</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2440-TX</b>		
<b>Remark:</b>			

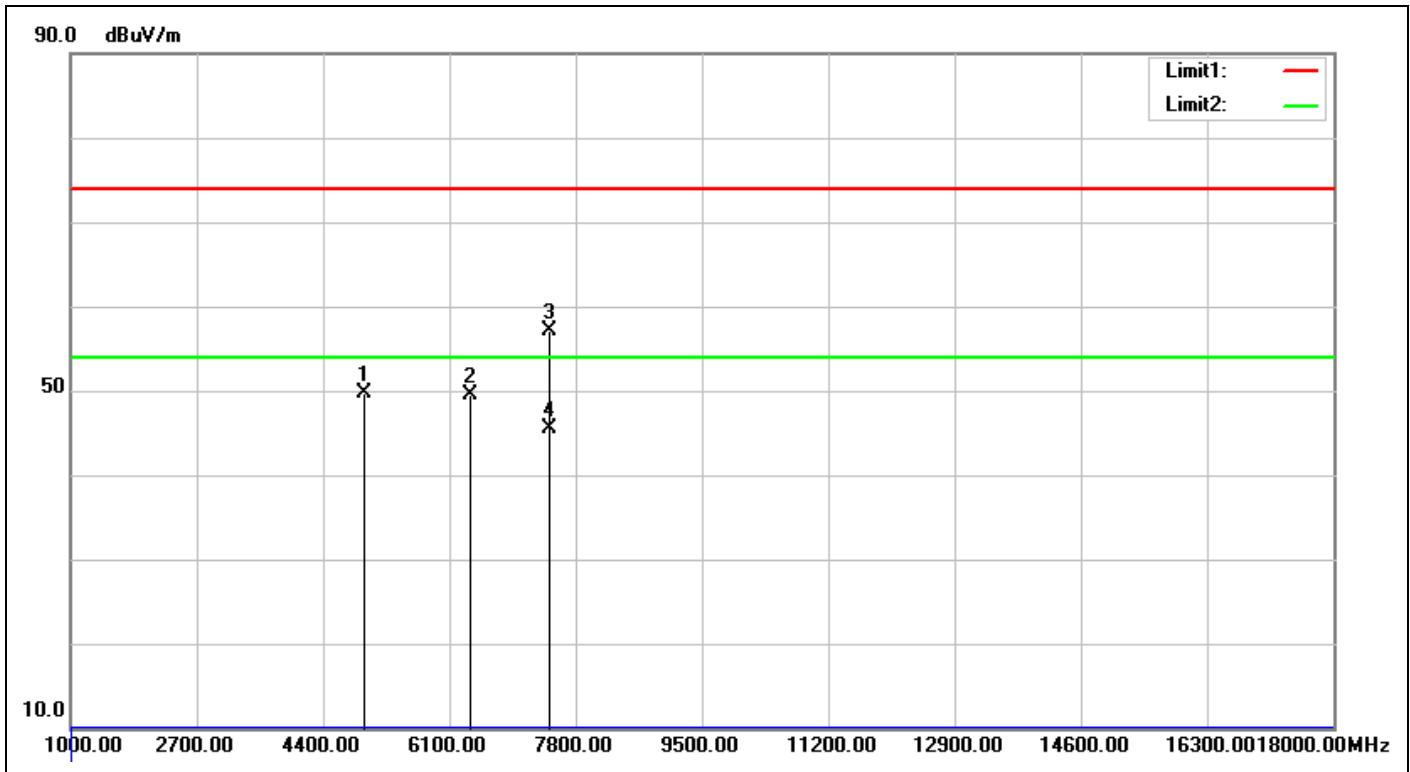
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4880.000	-3.00	54.48	51.48	74.00	-22.52	peak	100	100	
2	6049.000	3.28	46.65	49.93	74.00	-24.07	peak	100	152	
3	7320.000	5.06	49.02	54.08	74.00	-19.92	peak	100	310	
4	7320.000	5.06	38.69	43.75	54.00	-10.25	AVG	100	310	





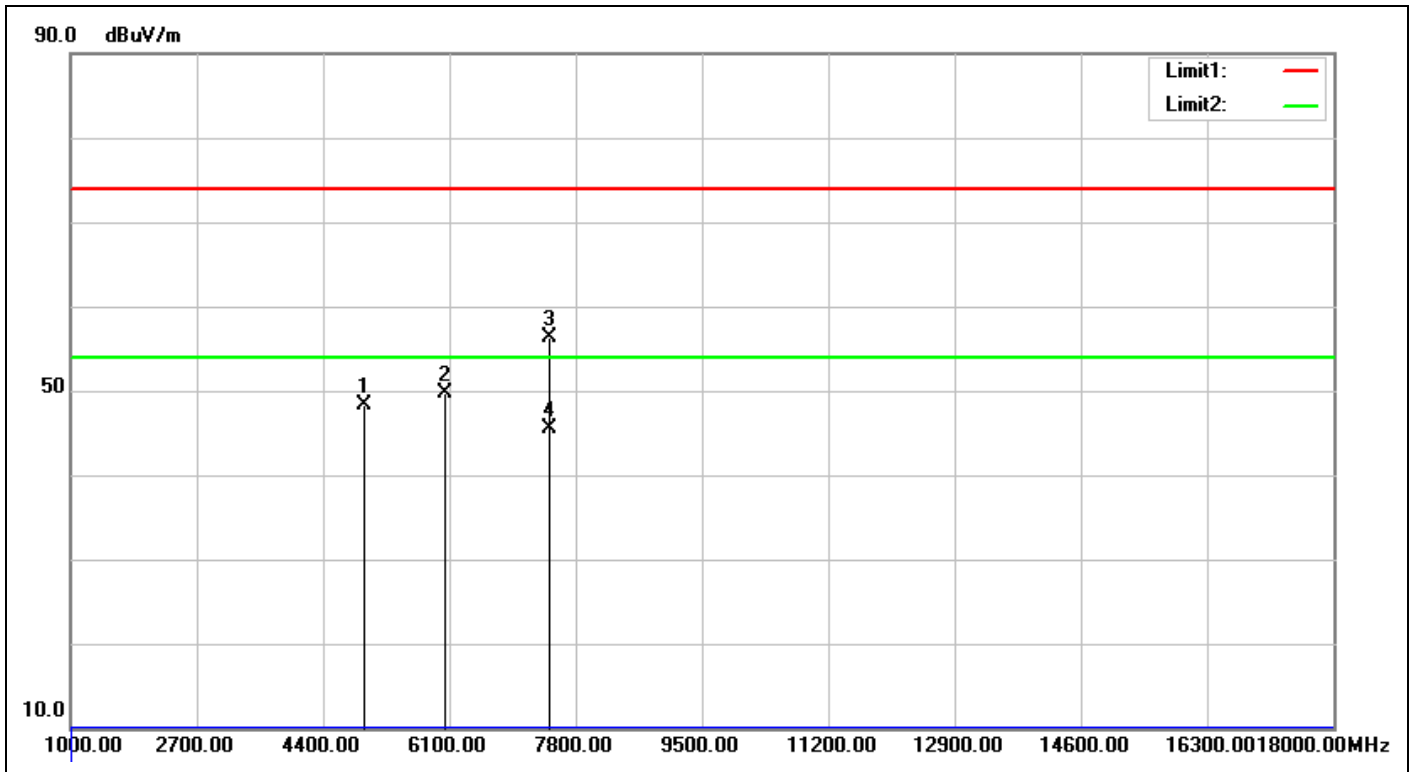
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:18:18</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2440-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4880.000	-3.00	56.05	53.05	74.00	-20.95	peak	100	167	
2	4880.000	-3.00	46.53	43.53	54.00	-10.47	AVG	100	167	
3	6627.000	4.76	45.39	50.15	74.00	-23.85	peak	100	128	
4	7320.000	5.06	49.84	54.90	74.00	-19.10	peak	100	161	
5	7320.000	5.06	38.41	43.47	54.00	-10.53	AVG	100	161	



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:23:19</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2480-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4960.000	-2.90	52.59	49.69	74.00	-24.31	peak			
2	6389.000	4.57	45.02	49.59	74.00	-24.41	peak	100	5	
3	7440.000	5.40	51.77	57.17	74.00	-16.83	peak	100	287	
4	7440.000	5.40	40.15	45.55	54.00	-8.45	AVG	100	287	



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:24:21</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2480-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4960.000	-2.90	51.12	48.22	74.00	-25.78	peak			
2	6032.000	3.22	46.58	49.80	74.00	-24.20	peak	100	297	
3	7440.000	5.40	50.83	56.23	74.00	-17.77	peak	100	167	
4	7440.000	5.40	40.07	45.47	54.00	-8.53	AVG	100	167	

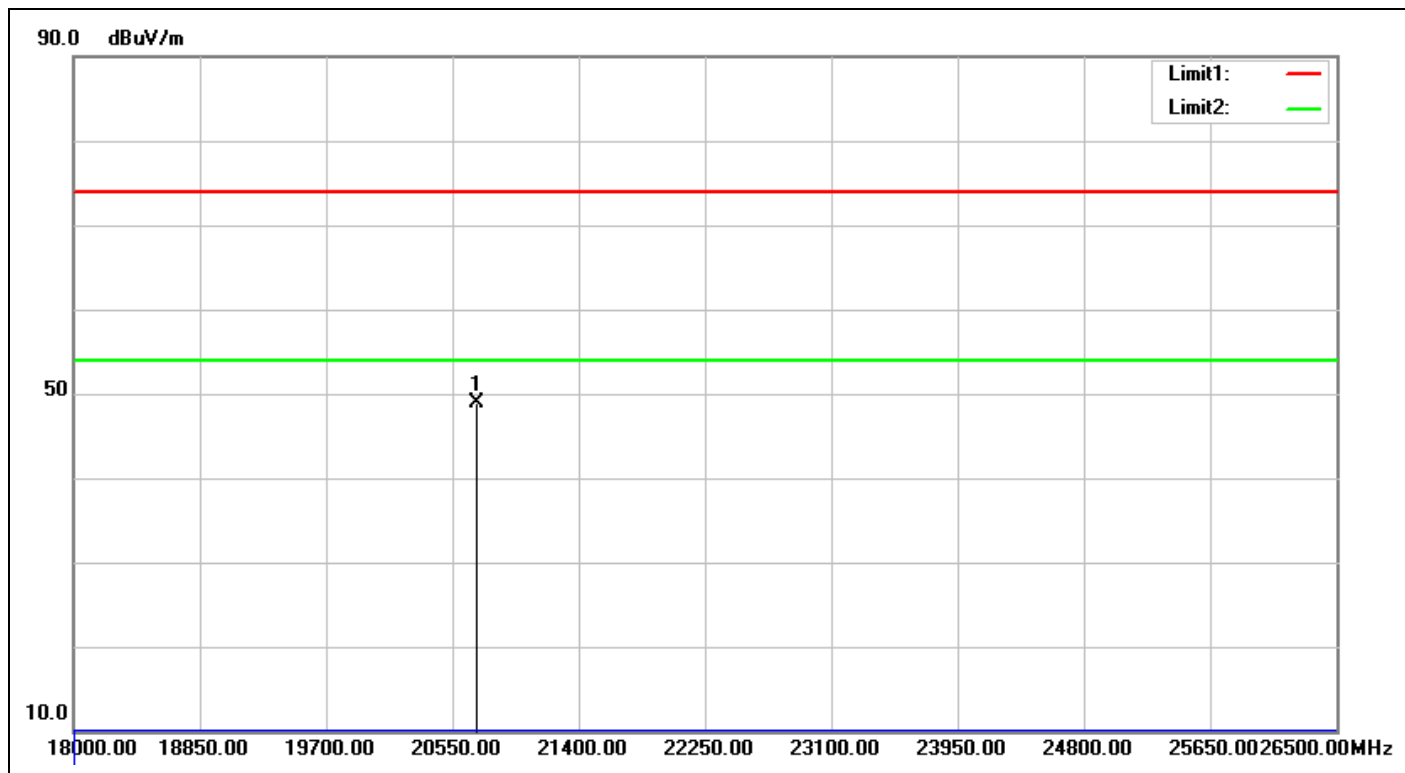
## Spurious Emissions, TX Mode, 18-26G



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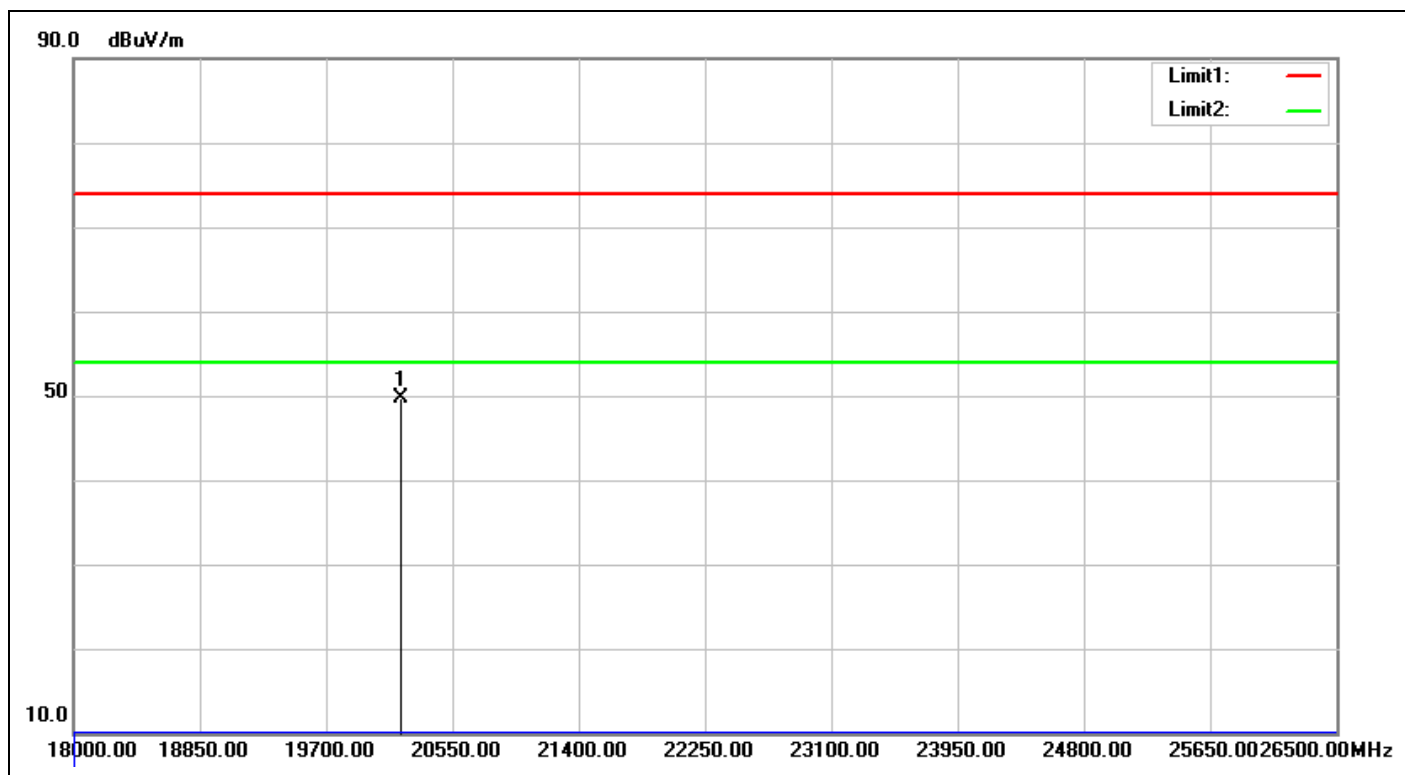
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



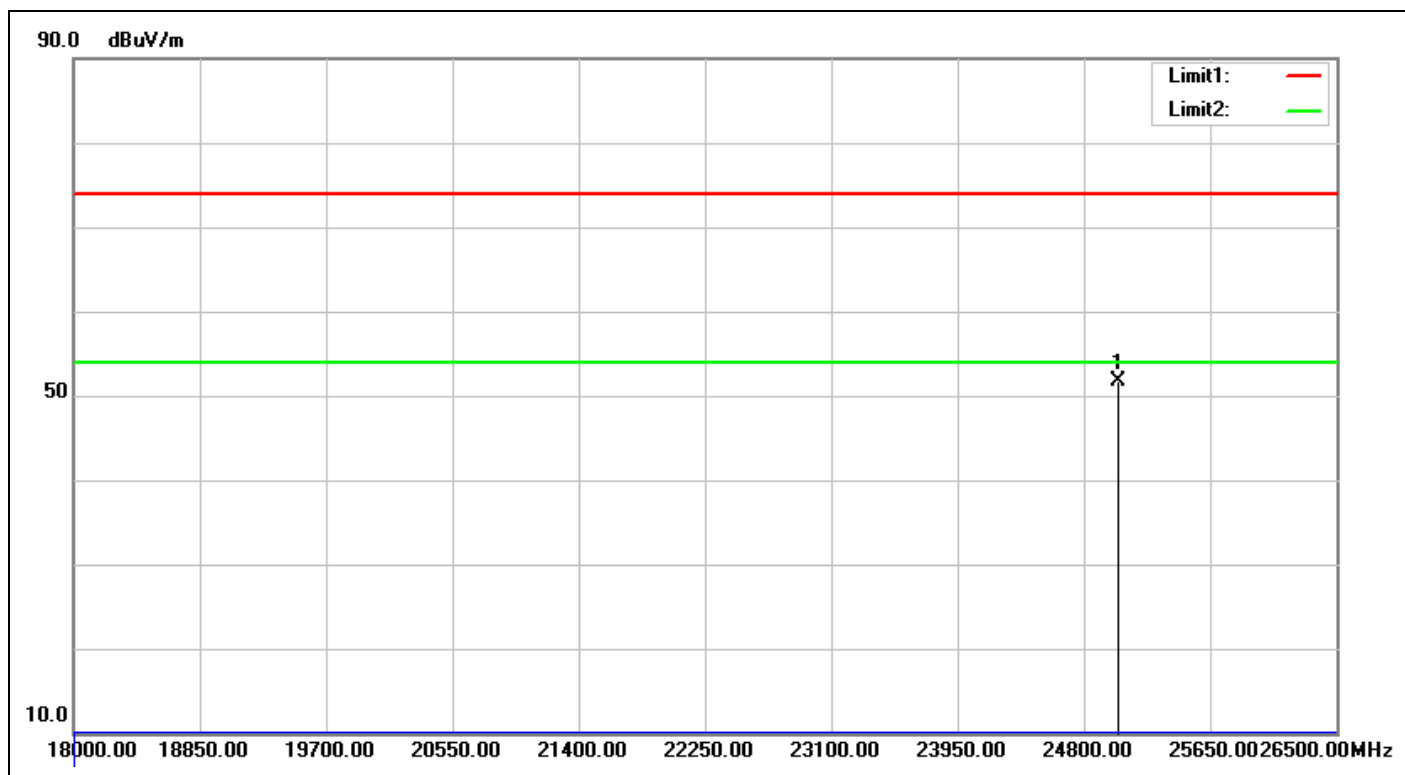
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:53:39</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2402-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	20711.500	29.90	18.97	48.87	74.00	-25.13	peak		0	



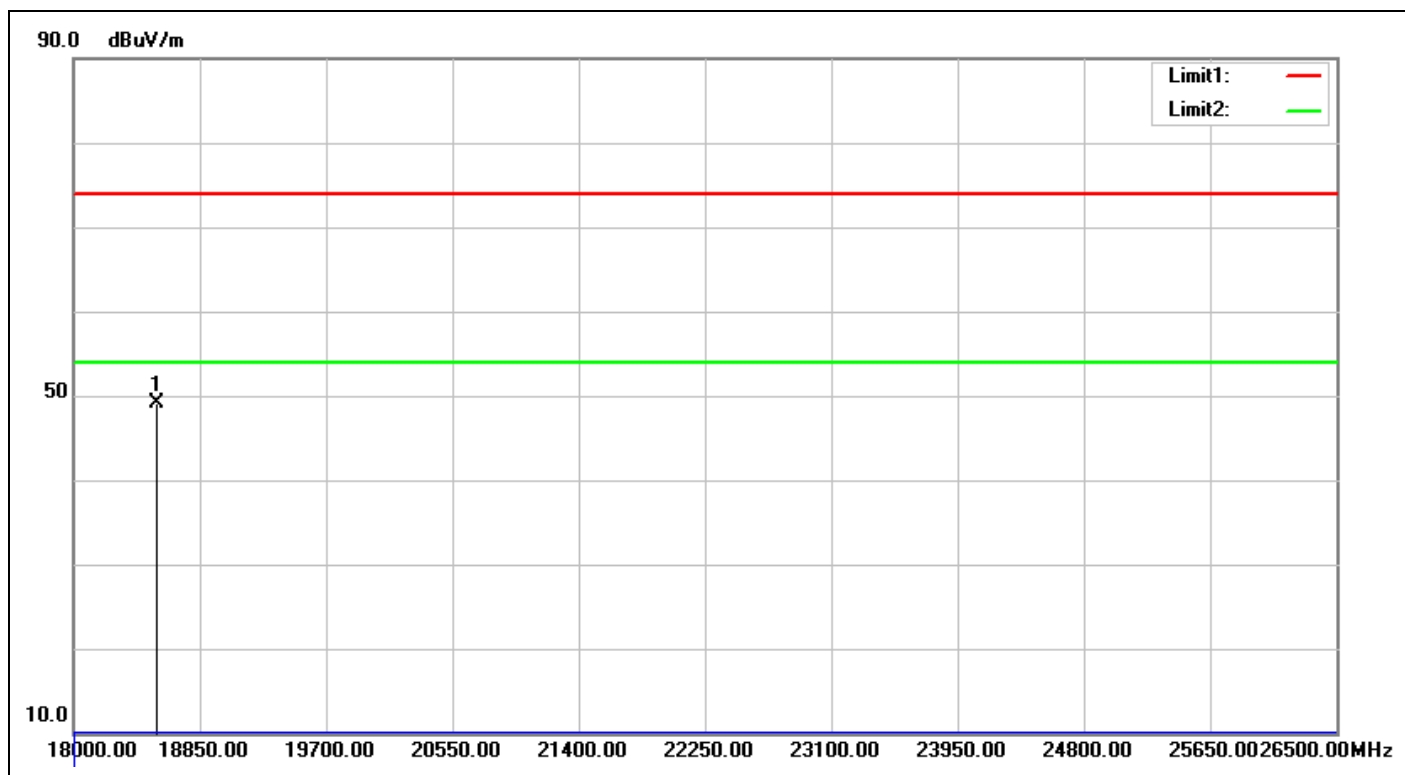
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:53:46</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2402-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	20201.500	29.68	20.12	49.80	74.00	-24.20	peak			



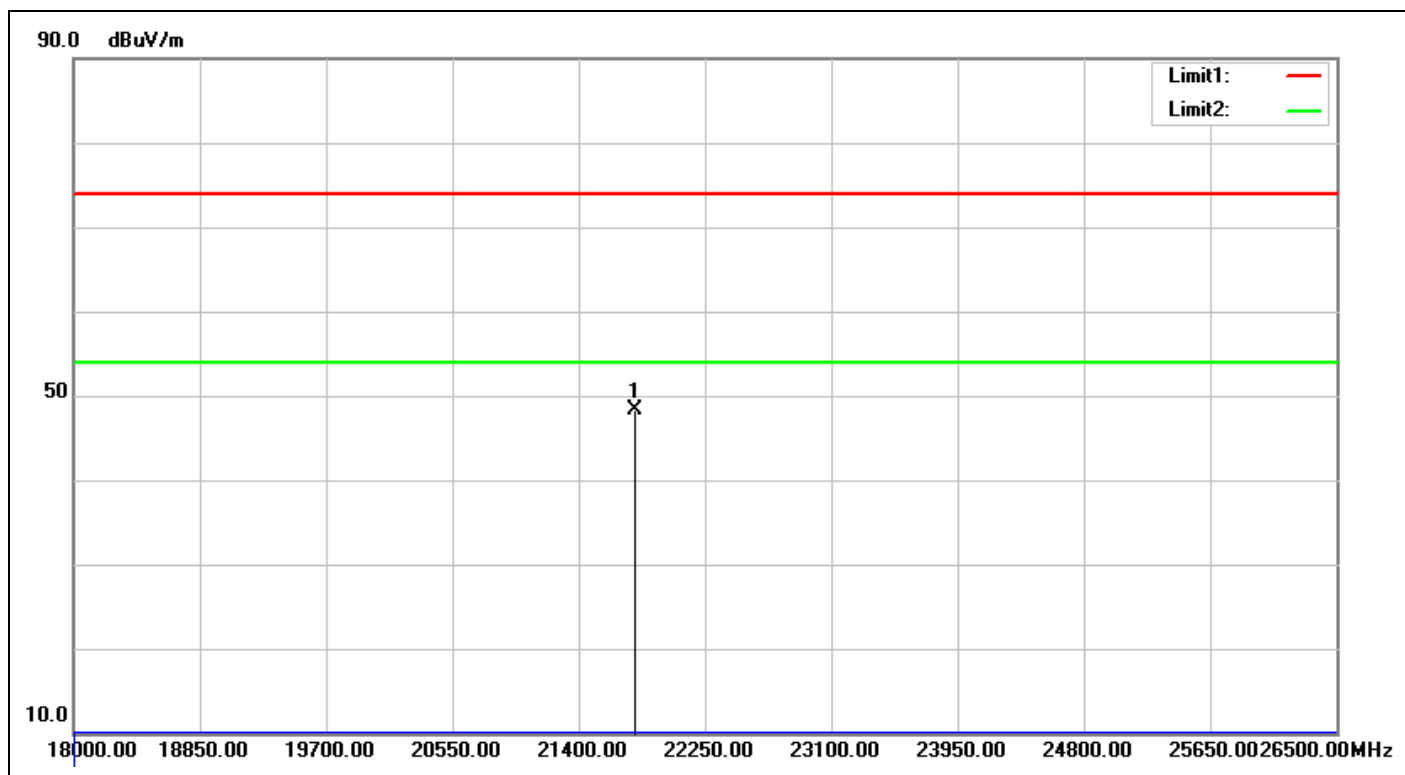
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:54:03</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2440-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	25029.500	31.29	20.44	51.73	74.00	-22.27	peak			



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:54:11</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2440-TX</b>		
<b>Remark:</b>			

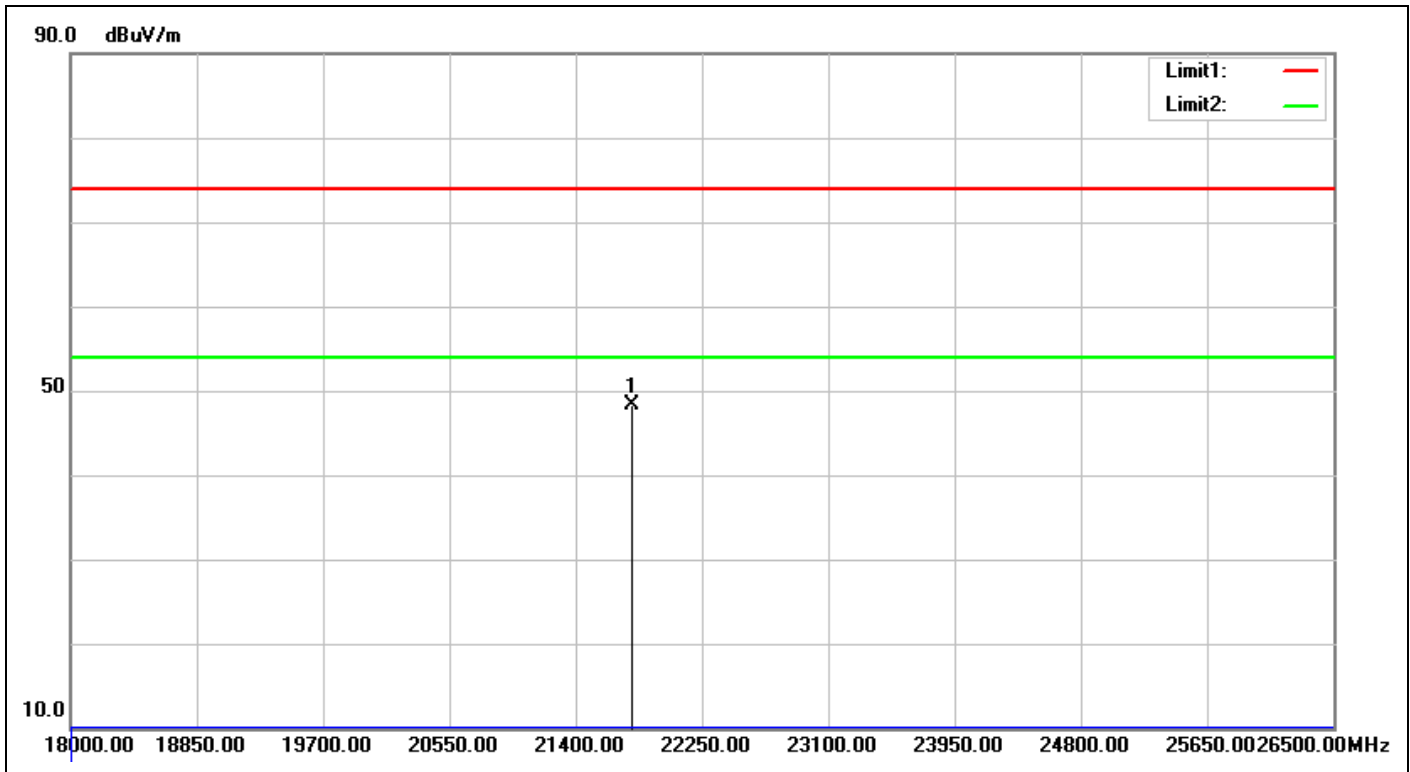
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	18561.000	28.98	20.06	49.04	74.00	-24.96	peak			



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:54:17</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2480-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	21774.000	29.23	19.05	48.28	74.00	-25.72	peak			





<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:54:29</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2480-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	21774.000	29.23	19.05	48.28	74.00	-25.72	peak			

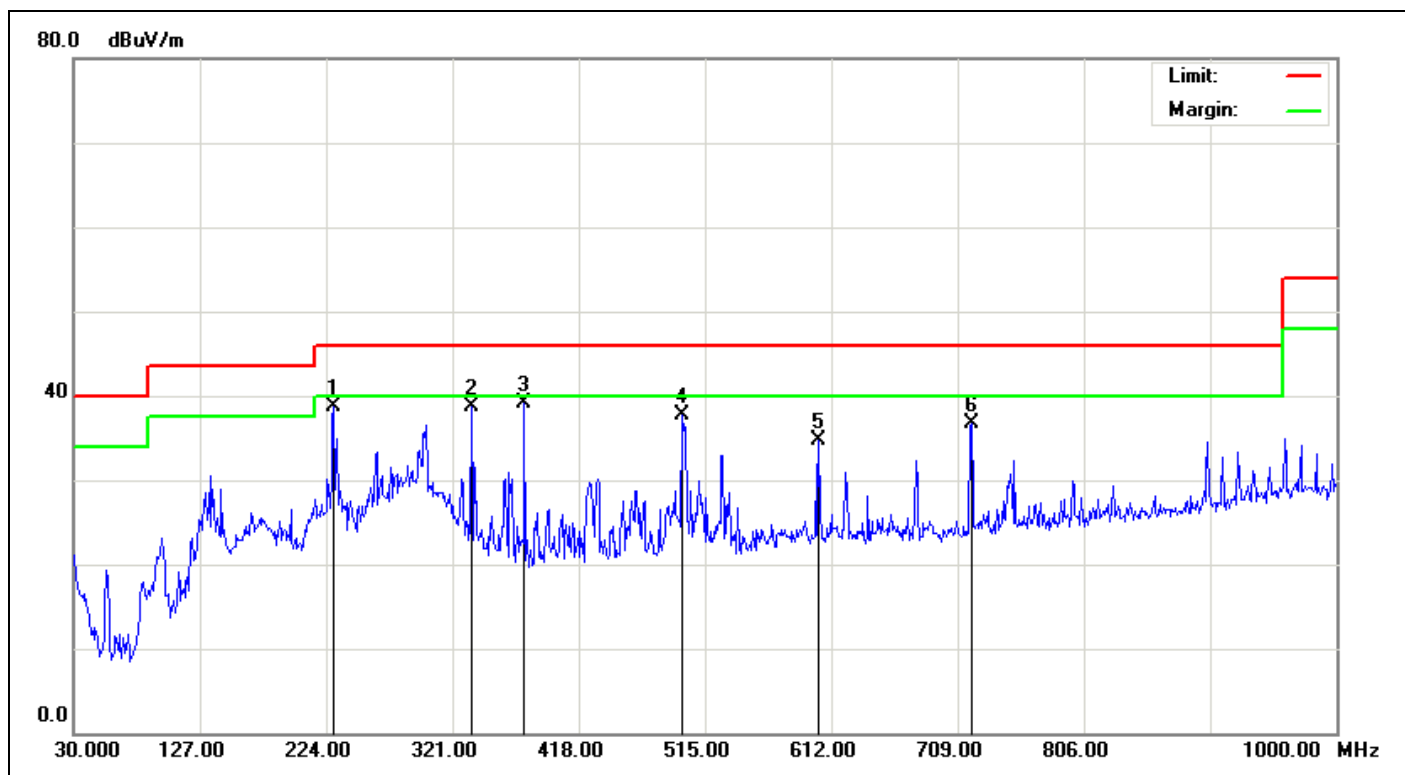
## Spurious Emissions, TX Mode, 30M-1G



**TUV Taiwan**

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

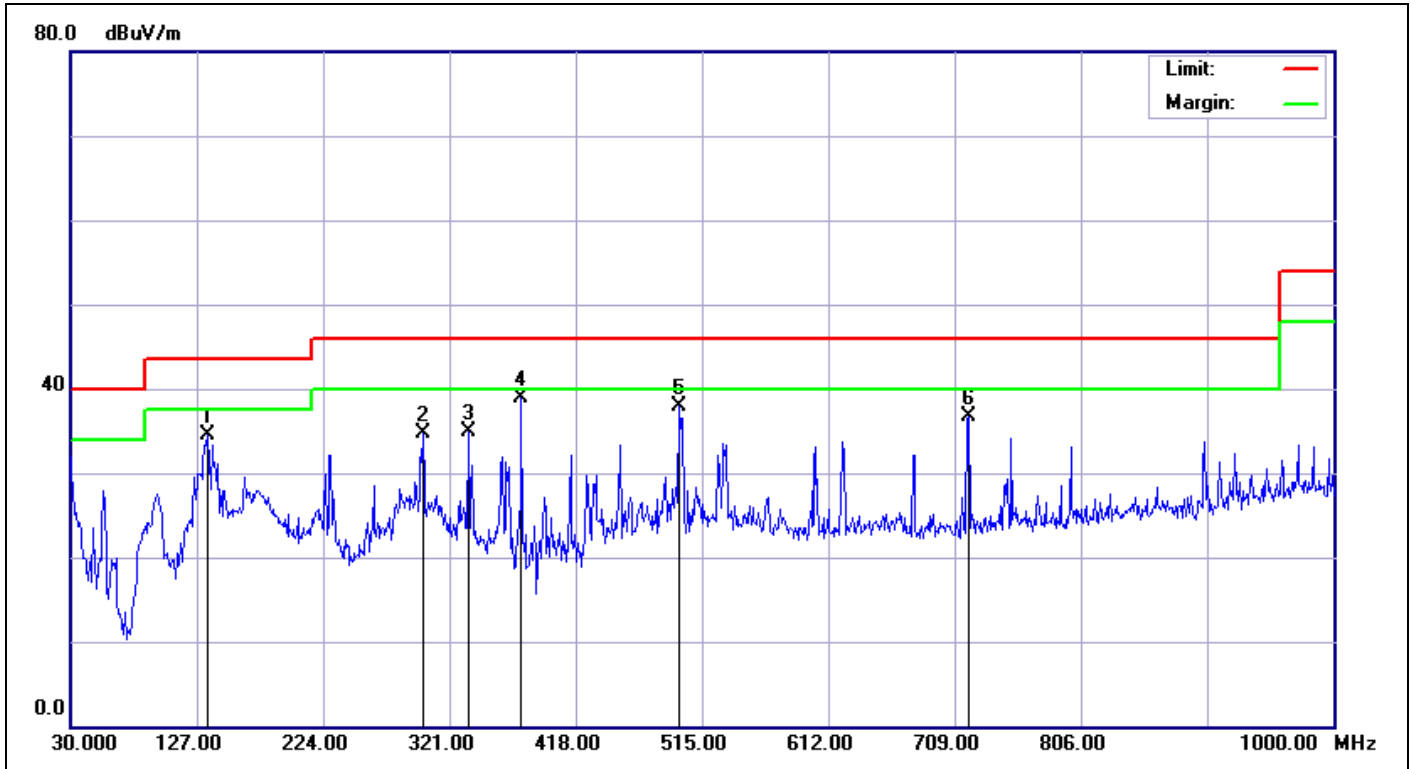
Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	113150235- BT-LE	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2011/11/29 AM 10:19:14
<b>Applicant:</b>	ACCO	<b>Test Rating:</b>	
<b>Product:</b>	Bluetooth Ultimate USB Adapter	<b>Temp.(°C)/Hum.(%)</b>	24(°C)/57%
<b>Model No.:</b>	BTA-8000	<b>Test Engineer:</b>	Howard Lin
<b>Test Mode:</b>			
<b>Remark:</b>	TX		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	229.8200	-14.87	53.64	38.77	46.00	-7.23	QP	300	230	
2	335.5500	-10.50	49.13	38.63	46.00	-7.37	QP	100	265	
3	376.2900	-9.51	48.68	39.17	46.00	-6.83	QP	200	126	
4	497.5400	-7.66	45.31	37.65	46.00	-8.35	QP	100	147	
5	602.3000	-5.84	40.45	34.61	46.00	-11.39	QP	100	7	
6	719.6700	-4.30	40.95	36.65	46.00	-9.35	QP	100	45	

## Spurious Emissions, RX Mode, 1-18G



<b>Service No.:</b>	113150235-BT-LE	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2011/11/29 AM 10:26:03
<b>Applicant:</b>	ACCO	<b>Test Rating:</b>	
<b>Product:</b>	Bluetooth Ultimate USB Adapter	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/57%
<b>Model No.:</b>	BTA-8000	<b>Test Engineer:</b>	Howard Lin
<b>Test Mode:</b>			
<b>Remark:</b>	TX		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	134.7600	-13.61	48.18	34.57	43.50	-8.93	QP	100	192	
2	300.6300	-11.27	46.00	34.73	46.00	-11.27	QP	300	271	
3	335.5500	-10.50	45.44	34.94	46.00	-11.06	QP	100	114	
4	376.2900	-9.51	48.41	38.90	46.00	-7.10	QP	100	37	
5	497.5400	-7.66	45.51	37.85	46.00	-8.15	QP	200	257	
6	719.6700	-4.30	40.91	36.61	46.00	-9.39	QP	200	46	

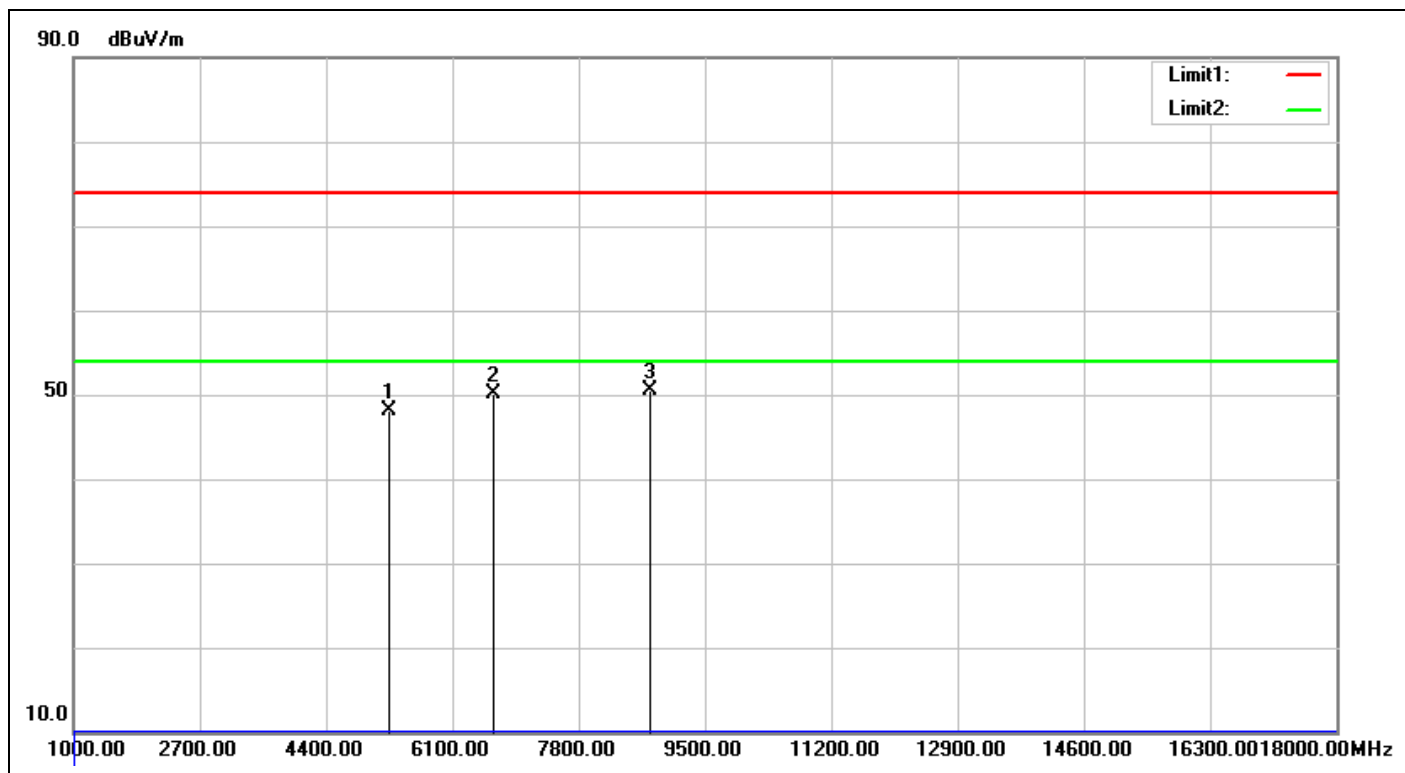
## Spurious Emissions, RX Mode, 1-18G



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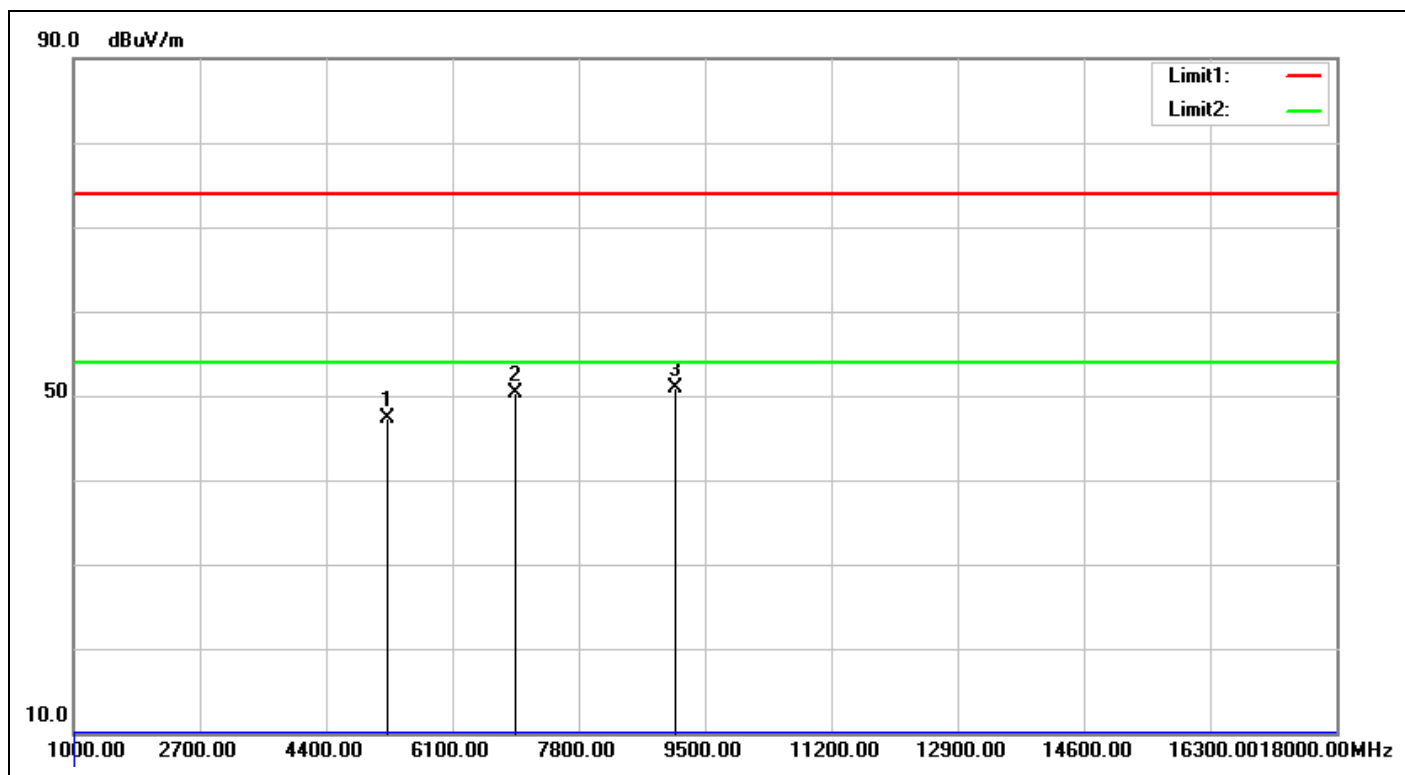
Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:30:39</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2402-RX</b>		
<b>Remark:</b>			

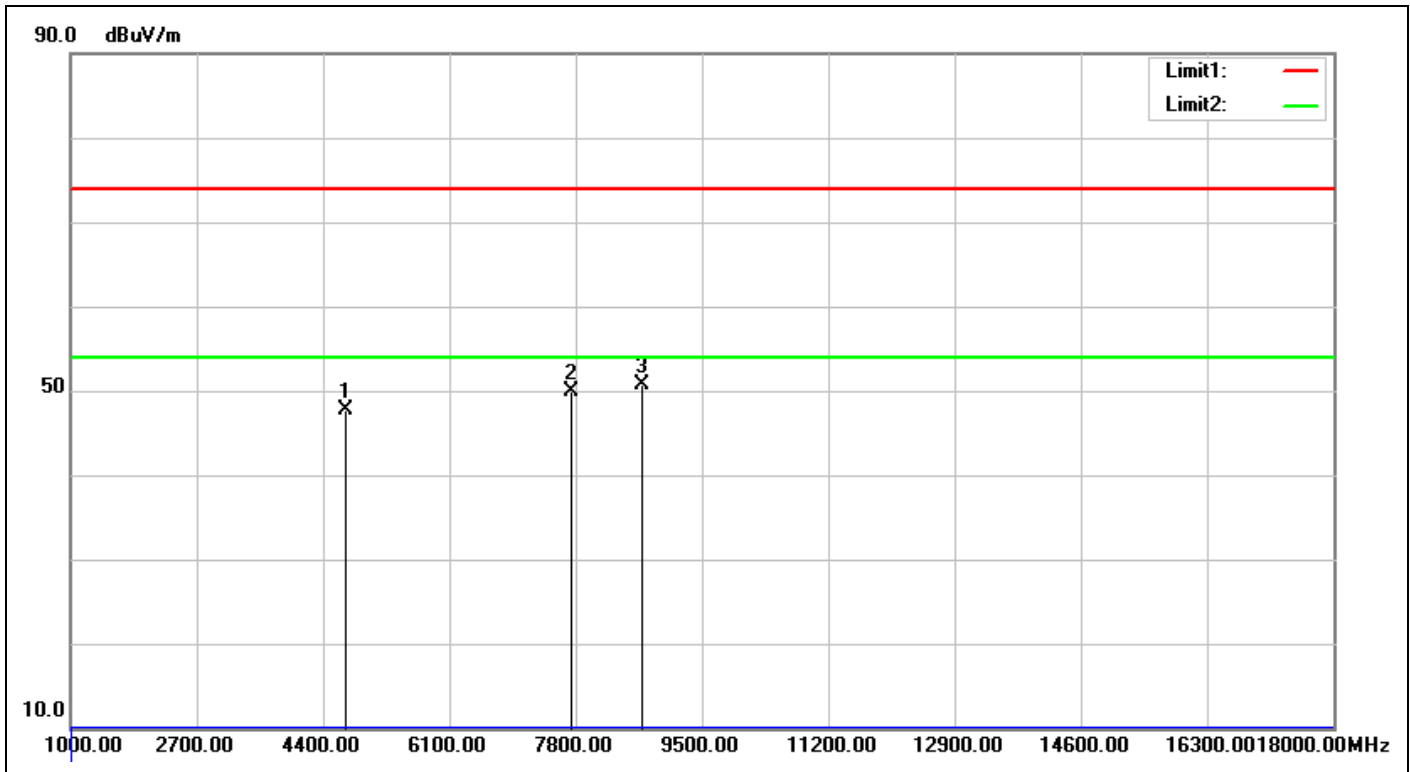
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	5250.000	-1.52	49.59	48.07	74.00	-25.93	peak	100	144	
2	6661.000	4.70	45.36	50.06	74.00	-23.94	peak	100	357	
3	8769.000	6.02	44.51	50.53	74.00	-23.47	peak	100	136	

## Spurious Emissions, RX Mode, 1-18G



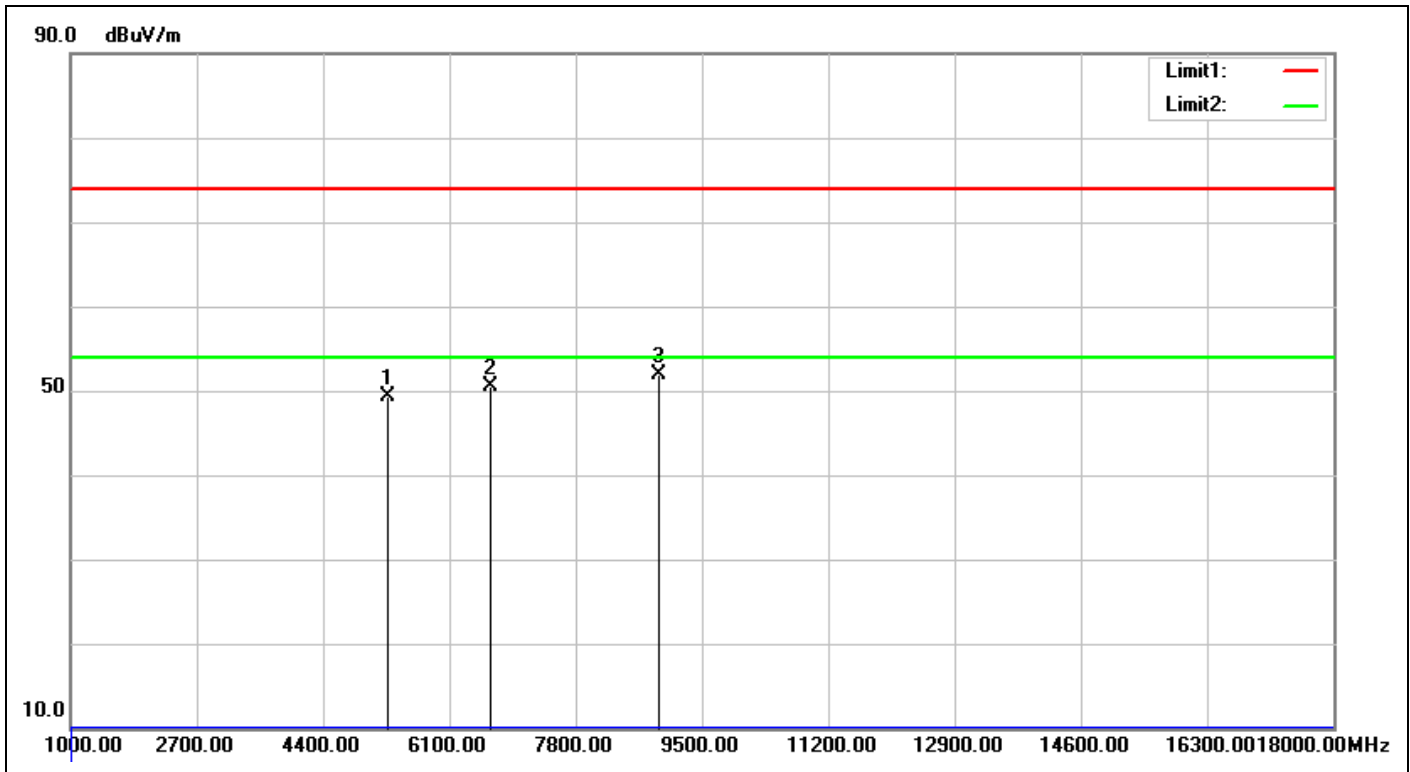
Service No.:	114044517-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/2/2 21:31:42
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth 4.0 Mini USB Adapter	Temp.(°C)/Hum.(%)	18(°C)/60%
Model No.:	BTA-8000	Test Engineer:	George Yang
Test Mode:	LE-2402-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	5216.000	-1.70	48.93	47.23	74.00	-26.77	peak	100	25	
2	6950.000	4.22	46.05	50.27	74.00	-23.73	peak	100	318	
3	9092.000	6.25	44.69	50.94	74.00	-23.06	peak	100	174	



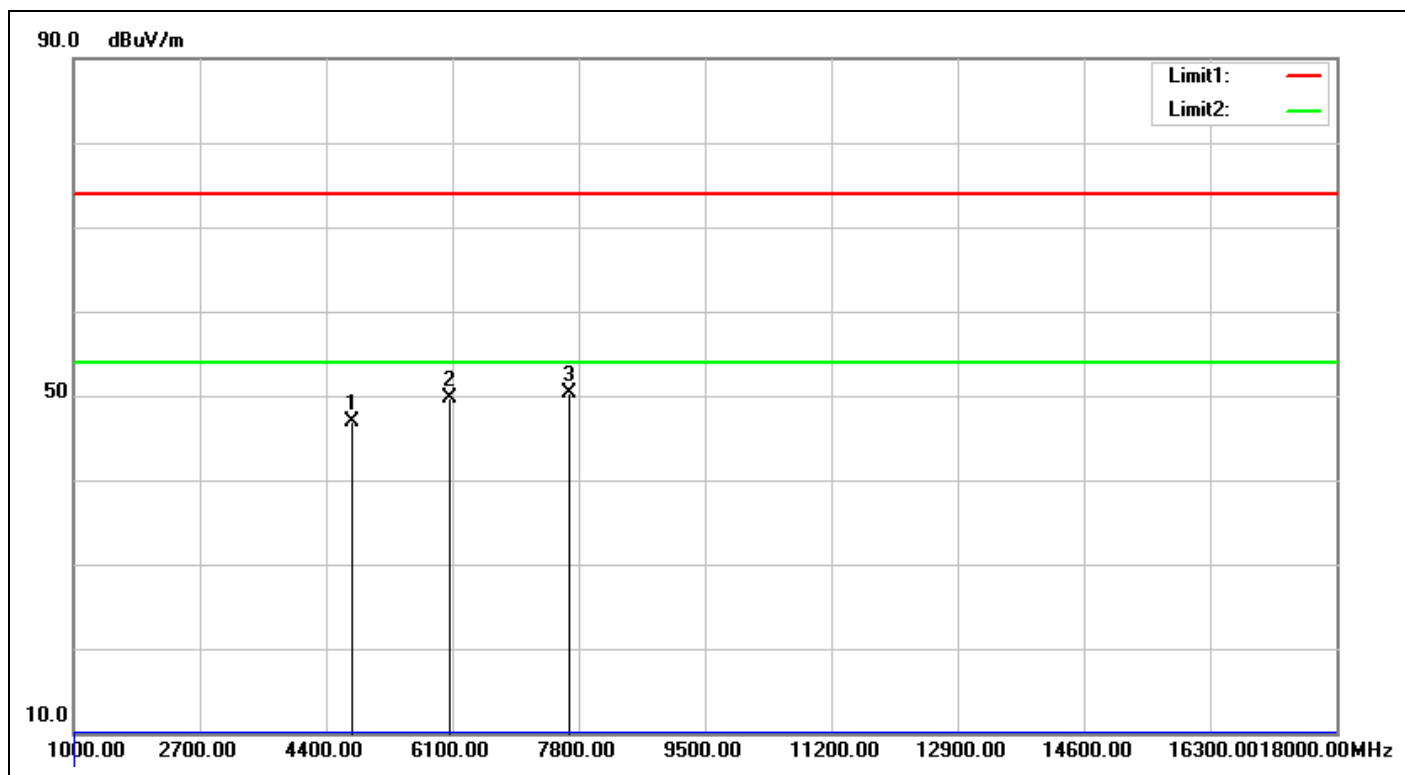
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:33:20</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2440-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4706.000	-3.22	50.83	47.61	74.00	-26.39	peak	100	25	
2	7749.000	5.55	44.35	49.90	74.00	-24.10	peak	100	1	
3	8701.000	5.94	44.72	50.66	74.00	-23.34	peak	100	194	



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:34:23</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2440-RX</b>		
<b>Remark:</b>			

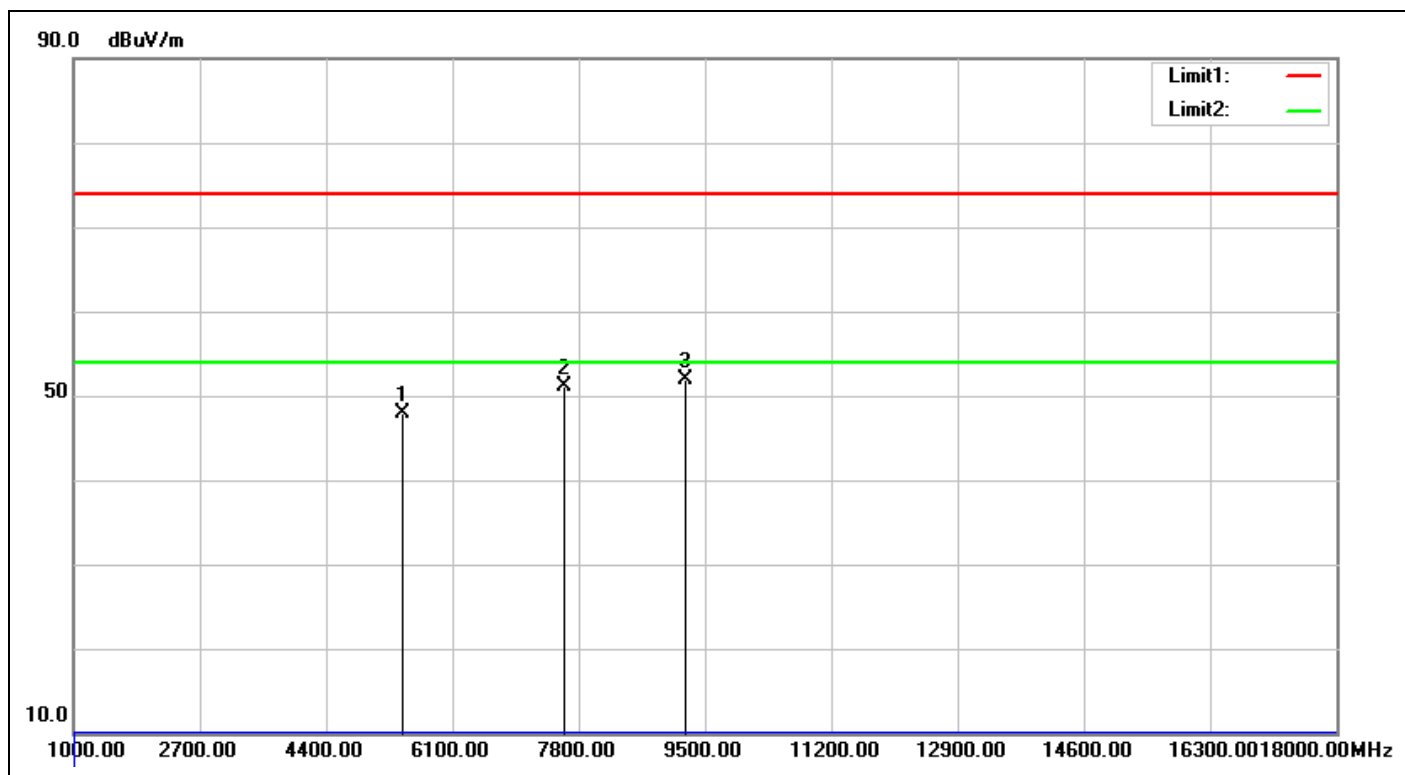
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	5267.000	-1.43	50.76	49.33	74.00	-24.67	peak	100	3	
2	6644.000	4.74	45.78	50.52	74.00	-23.48	peak	100	44	
3	8922.000	6.23	45.68	51.91	74.00	-22.09	peak	100	97	



Service No.:	114044517-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/2/2 21:36:03
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth 4.0 Mini USB Adapter	Temp.(°C)/Hum.(%)	18(°C)/60%
Model No.:	BTA-8000	Test Engineer:	George Yang
Test Mode:	LE-2480-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	4740.000	-3.16	50.08	46.92	74.00	-27.08	peak	100	59	
2	6066.000	3.34	46.32	49.66	74.00	-24.34	peak	100	178	
3	7681.000	5.56	44.65	50.21	74.00	-23.79	peak	100	148	





<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:37:06</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2480-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	5437.000	-0.54	48.49	47.95	74.00	-26.05	peak	100	191	
2	7596.000	5.57	45.46	51.03	74.00	-22.97	peak	100	360	
3	9228.000	6.14	45.76	51.90	74.00	-22.10	peak	100	260	

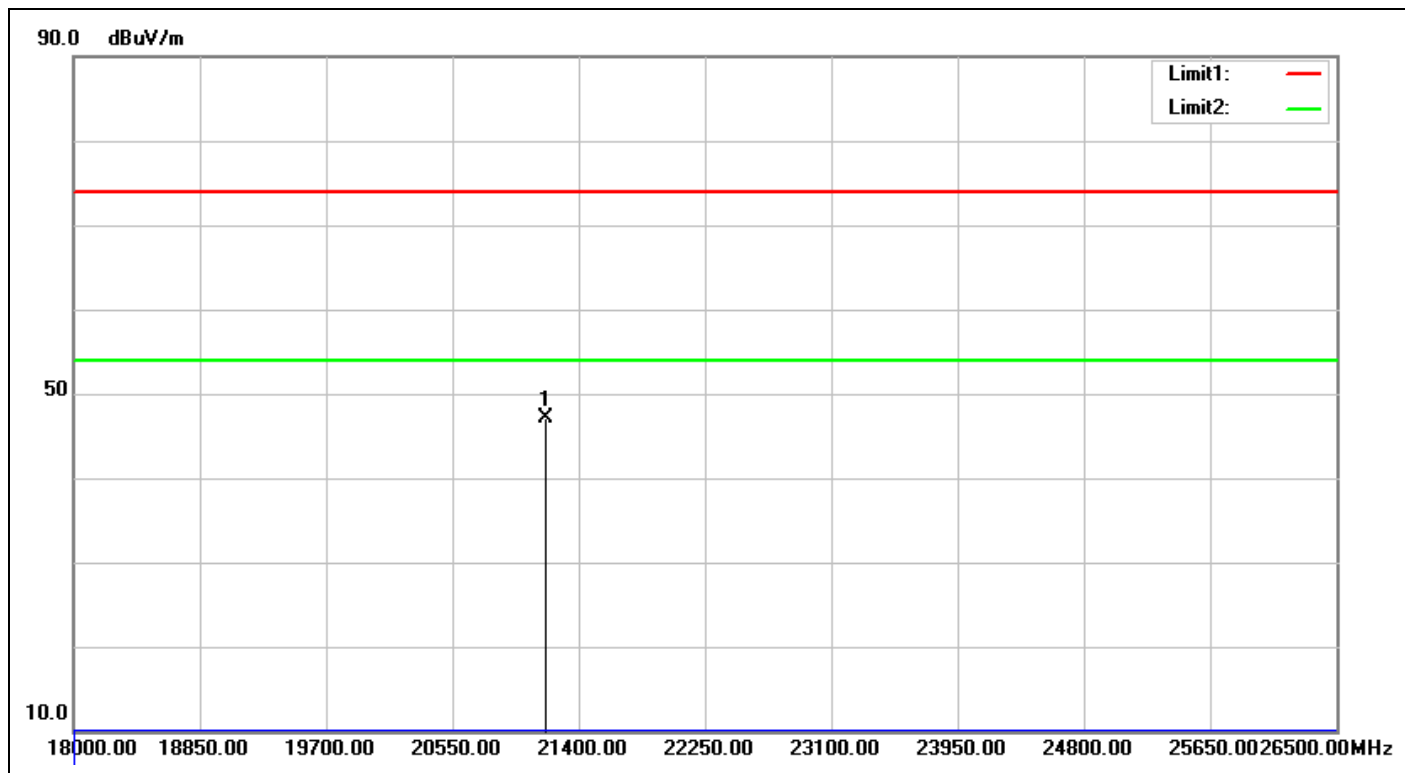
## Spurious Emissions, RX Mode, 18-26G



**TUV Taiwan**

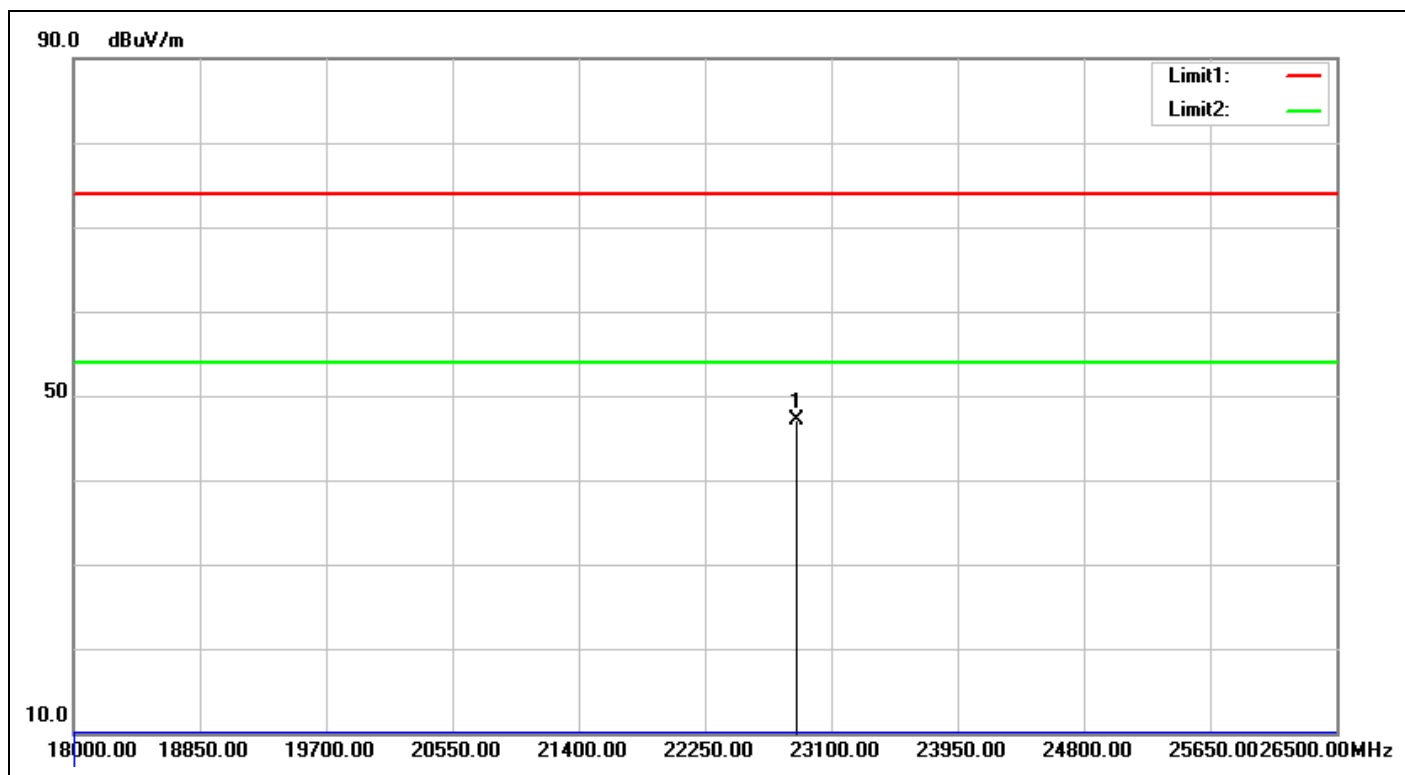
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



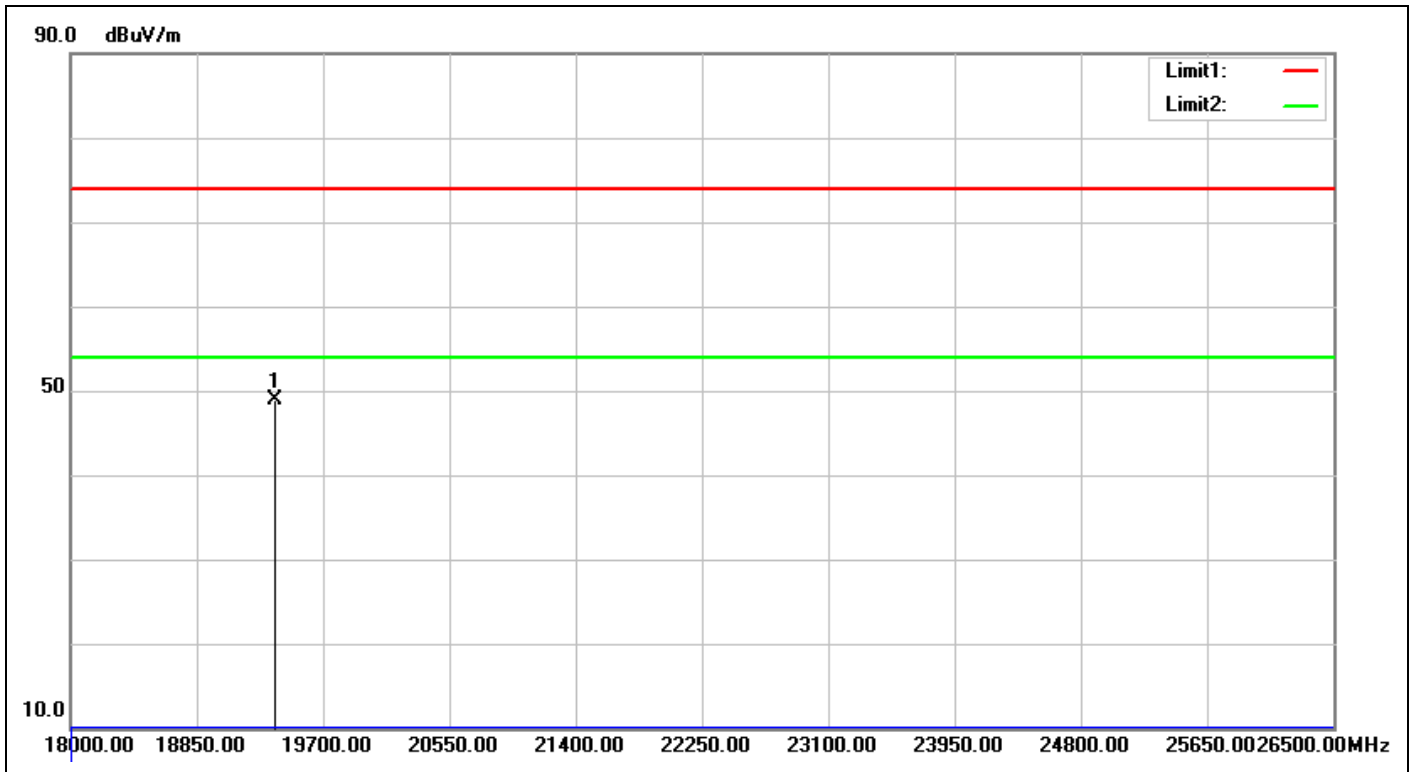
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:47:44</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2402-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	21179.000	29.81	17.35	47.16	74.00	-26.84	peak	100	275	



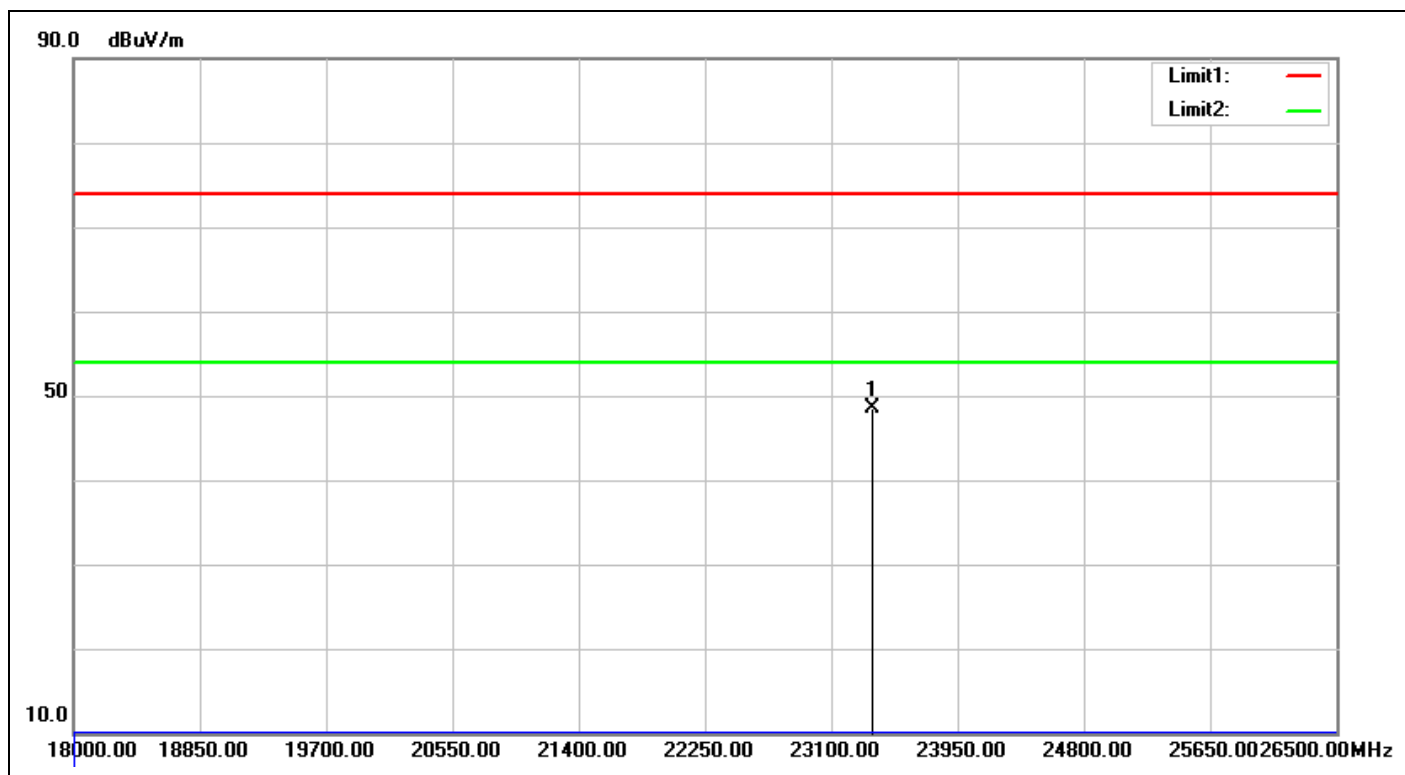
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:47:53</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2402-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	22862.000	30.27	16.75	47.02	74.00	-26.98	peak	100	359	



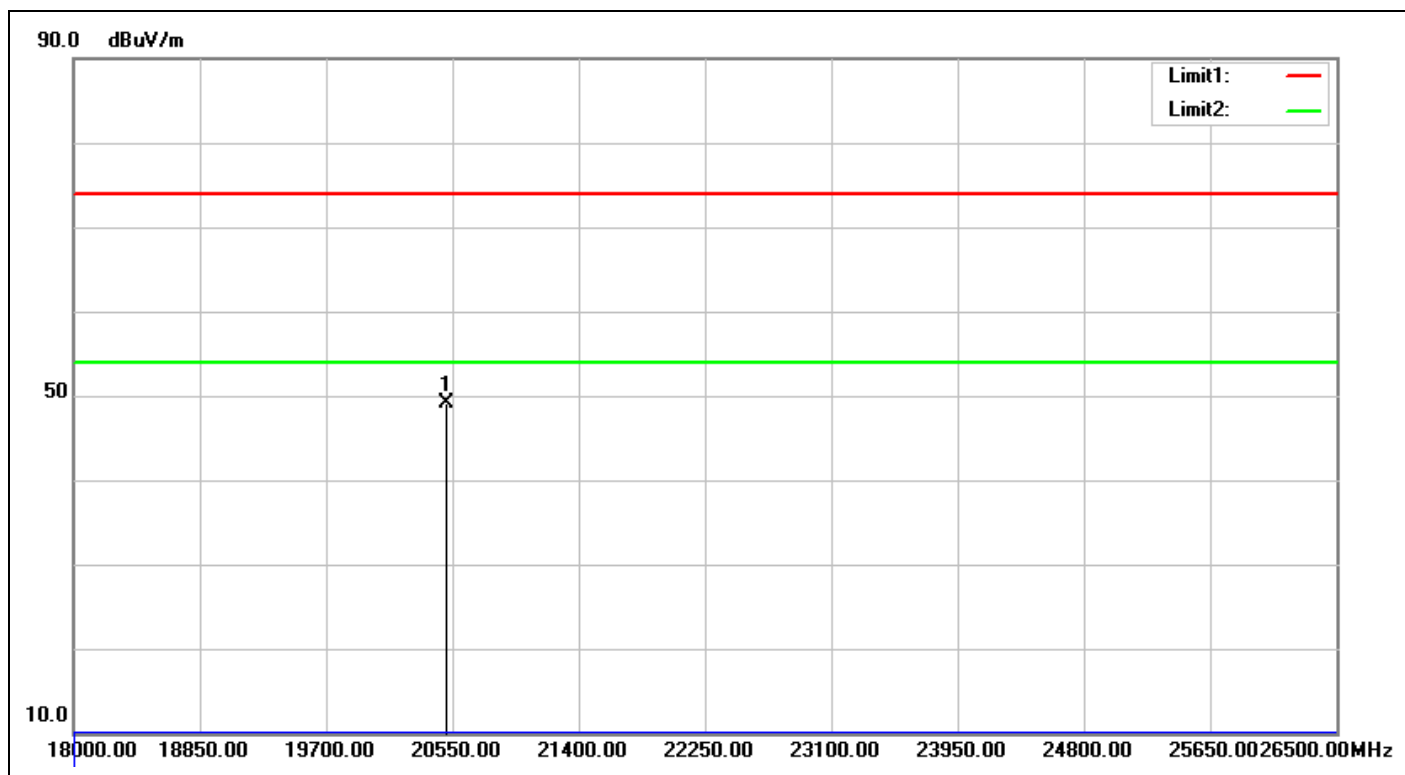
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:48:11</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2440-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	19377.000	29.53	19.37	48.90	74.00	-25.10	peak			



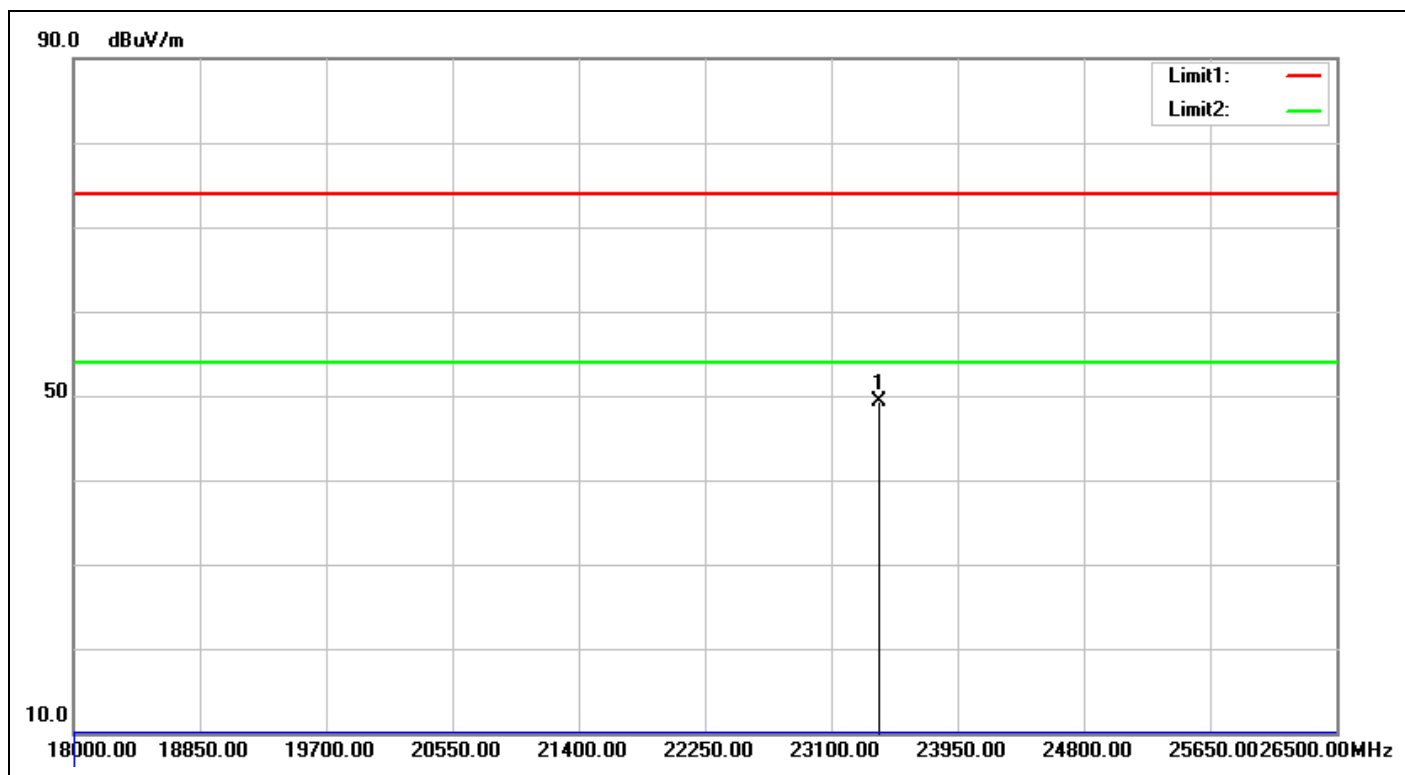
Service No.:	114044517-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/2/2 21:48:18
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth 4.0 Mini USB Adapter	Temp.(°C)/Hum.(%):	18(°C)/60%
Model No.:	BTA-8000	Test Engineer:	George Yang
Test Mode:	LE-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	23380.500	30.12	18.40	48.52	74.00	-25.48	peak			



<b>Service No.:</b>	<b>114044517-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/2/2 21:48:34</b>
<b>Applicant:</b>	<b>Vencer</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>Bluetooth 4.0 Mini USB Adapter</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>18(°C)/60%</b>
<b>Model No.:</b>	<b>BTA-8000</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>LE-2480-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	20507.500	29.86	19.20	49.06	74.00	-24.94	peak			

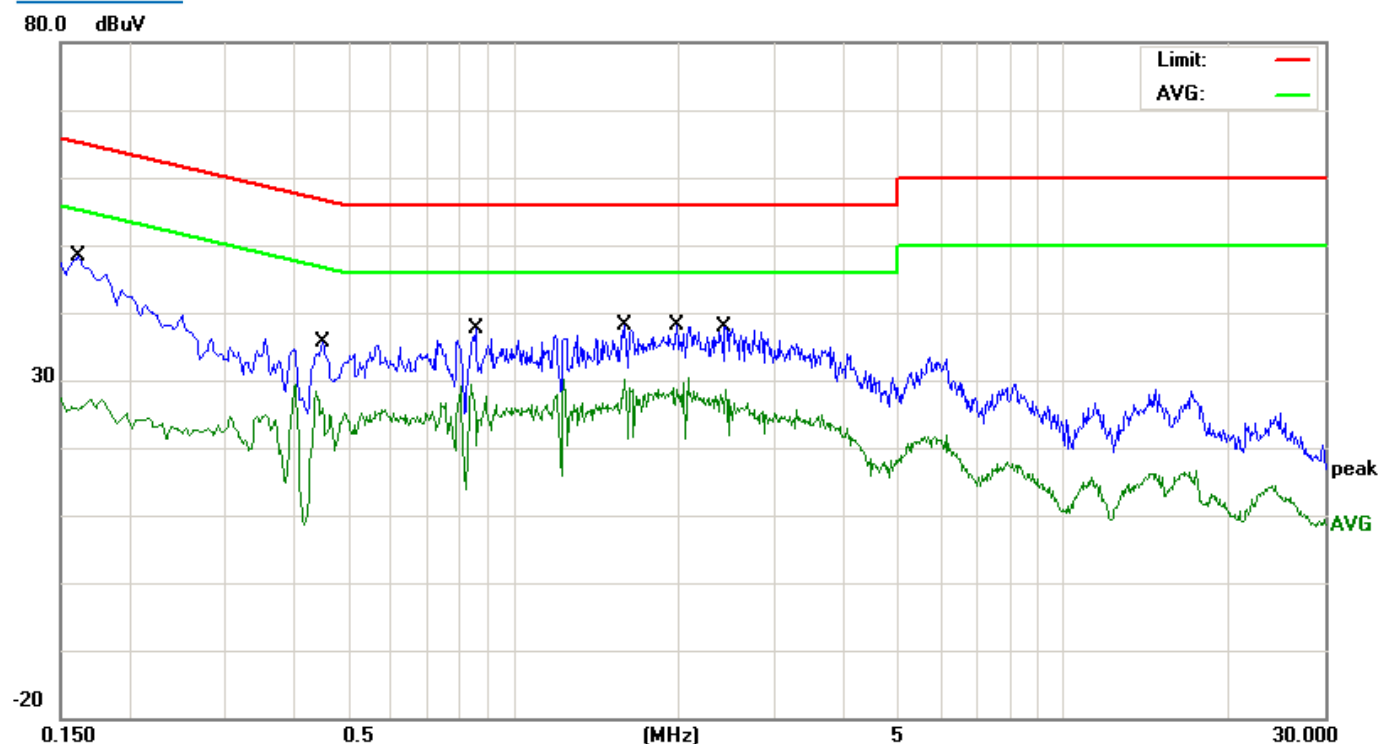


Service No.:	114044517-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/2/2 21:48:43
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth 4.0 Mini USB Adapter	Temp.(°C)/Hum.(%):	18(°C)/60%
Model No.:	BTA-8000	Test Engineer:	George Yang
Test Mode:	LE-2480-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	23423.000	30.08	19.24	49.32	74.00	-24.68	peak			

# Mains Spurious Emissions





**Service No.:** 113150235-(301489)

**Test Standard:** CISPR22 Class B Conduction

**Probe:** L1

**Test item:** Conduction Emission

**Test Time:** 2011/10/24 PM 04:13:05

**Applicant:** Kensington Computer Products Group, a division of ACCO Brands, LLC

**Test Rating:** AC 120V/60Hz

**Product:** Bluetooth Ultimate USB Adapter

**Temp.(°C)/Hum.(%):** 26(°C)/60%

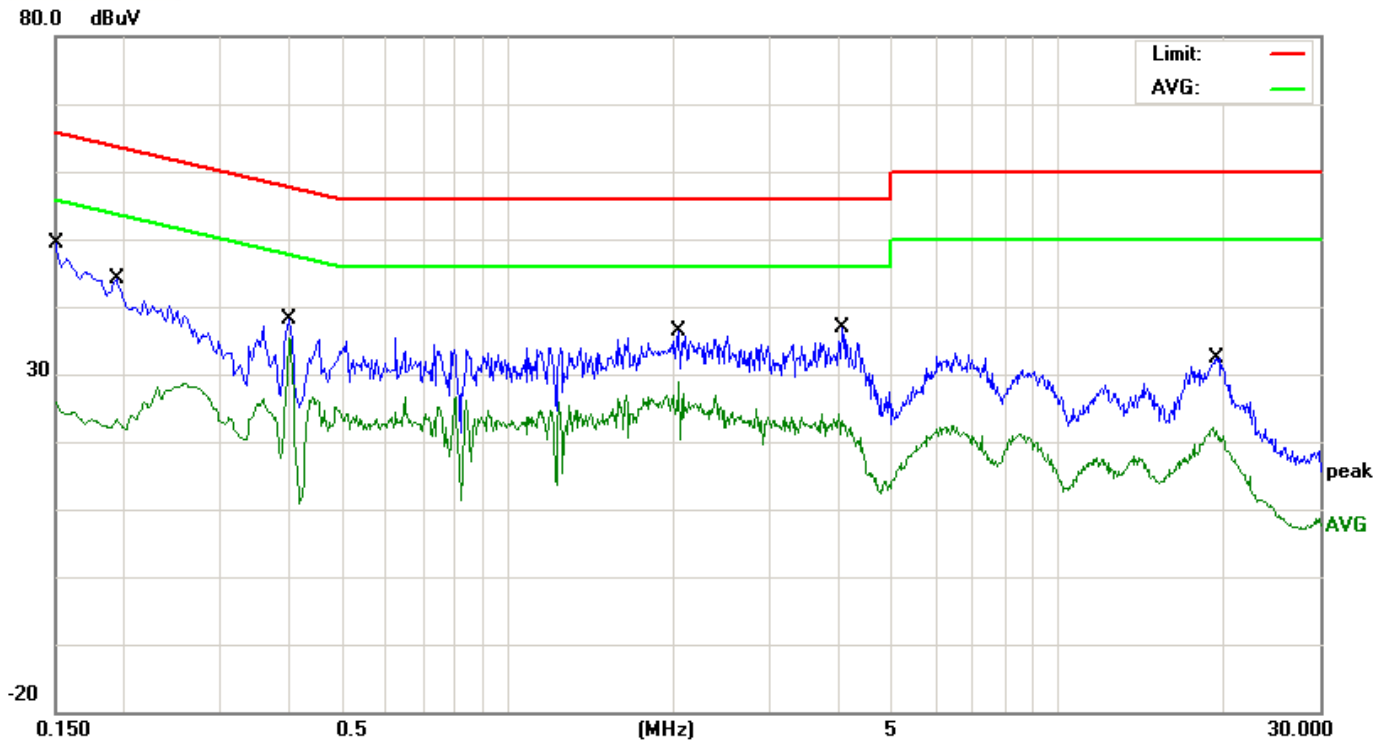
**Model No.:** BTA-8000

**Test Engineer:** Howard Lin

**Test Mode:**

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.1620	9.58	30.10	39.68	65.36	-25.68	QP	
2	0.1620	9.58	16.12	25.70	55.36	-29.66	AVG	
3	0.4500	9.60	24.12	33.72	56.88	-23.16	QP	
4	0.4500	9.60	14.65	24.25	46.88	-22.63	AVG	
5	0.8540	9.61	22.81	32.42	56.00	-23.58	QP	
6	0.8540	9.61	10.52	20.13	46.00	-25.87	AVG	
7	1.5940	9.61	24.10	33.71	56.00	-22.29	QP	
8	1.5940	9.61	17.73	27.34	46.00	-18.66	AVG	
9	1.9900	9.60	24.34	33.94	56.00	-22.06	QP	
10	1.9900	9.60	18.68	28.28	46.00	-17.72	AVG	
11	2.4260	9.62	23.81	33.43	56.00	-22.57	QP	
12	2.4260	9.62	15.32	24.94	46.00	-21.06	AVG	

**Spurious Emissions, Mains, 150kHz - 30MHz**



**Service No.:** 113150235-(301489)

**Test Standard:** CISPR22 Class B Conduction

**Probe:** L2

**Test item:** Conduction Emission

**Test Time:** 2011/10/24 PM 04:16:04

**Applicant:** Kensington Computer Products Group, a division of ACCO Brands, LLC

**Test Rating:** AC 120V/60Hz

**Product:** Bluetooth Ultimate USB Adapter

**Temp.(°C)/Hum.(%):** 26(°C)/60%

**Model No.:** BTA-8000

**Test Engineer:** Howard Lin

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.1500	9.65	31.37	41.02	65.99	-24.97	QP	
2	0.1500	9.65	15.98	25.63	55.99	-30.36	AVG	
3	0.1940	9.68	25.52	35.20	63.86	-28.66	QP	
4	0.1940	9.68	12.41	22.09	53.86	-31.77	AVG	
5	0.3980	9.64	26.72	36.36	57.89	-21.53	QP	
6	0.3980	9.64	23.05	32.69	47.89	-15.20	AVG	
7	2.0460	9.62	23.74	33.36	56.00	-22.64	QP	
8	2.0460	9.62	17.78	27.40	46.00	-18.60	AVG	
9	4.0660	9.64	19.32	28.96	56.00	-27.04	QP	
10	4.0660	9.64	10.48	20.12	46.00	-25.88	AVG	
11	19.4580	9.93	15.80	25.73	60.00	-34.27	QP	
12	19.4580	9.93	9.76	19.69	50.00	-30.31	AVG	