

# Test Report No.10043451 001

## Appendix D: Radiated and Mains Spurious Emission Data

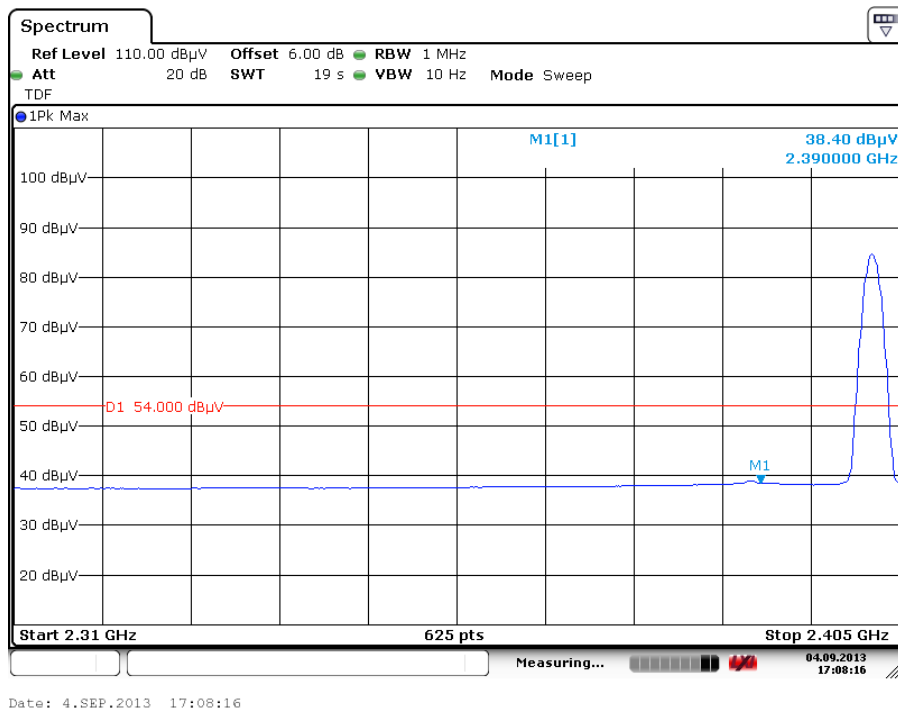
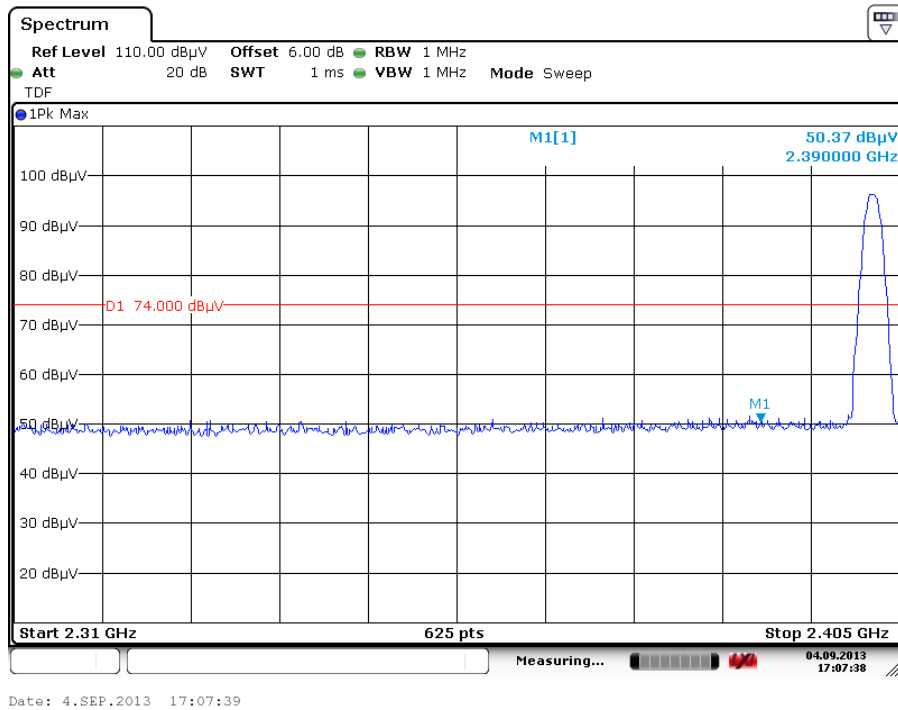
(File: 10043451AppendixD)

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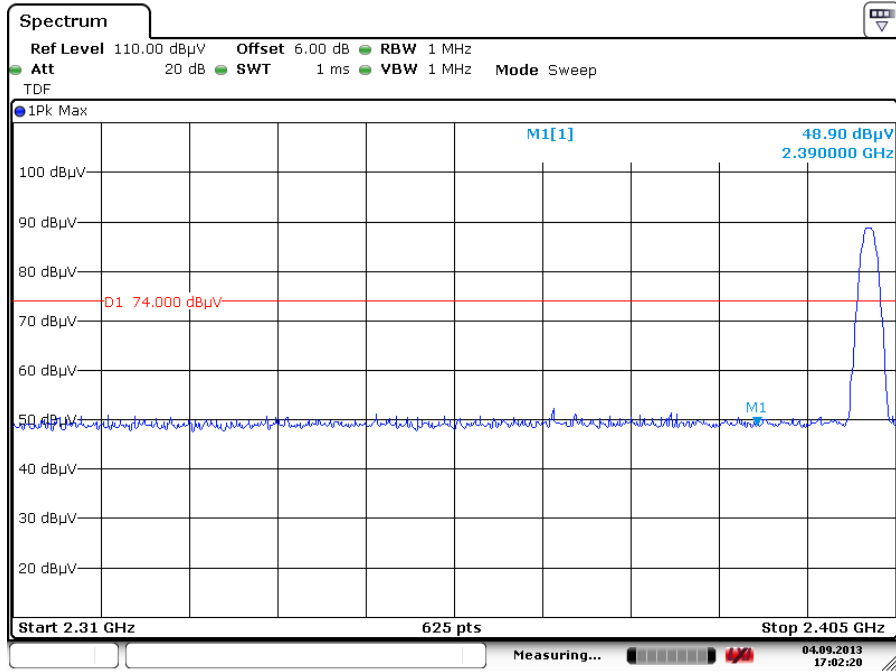
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# Radiated Bandedge (GFSK)

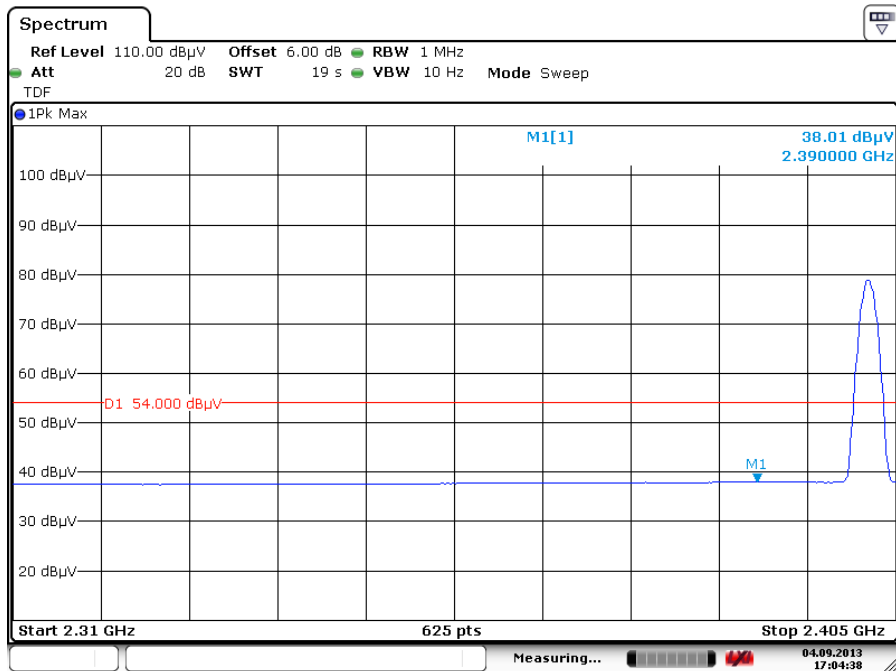
## Low Channel (Hor)



# Low Channel (Ver)



Date: 4.SEP.2013 17:02:20

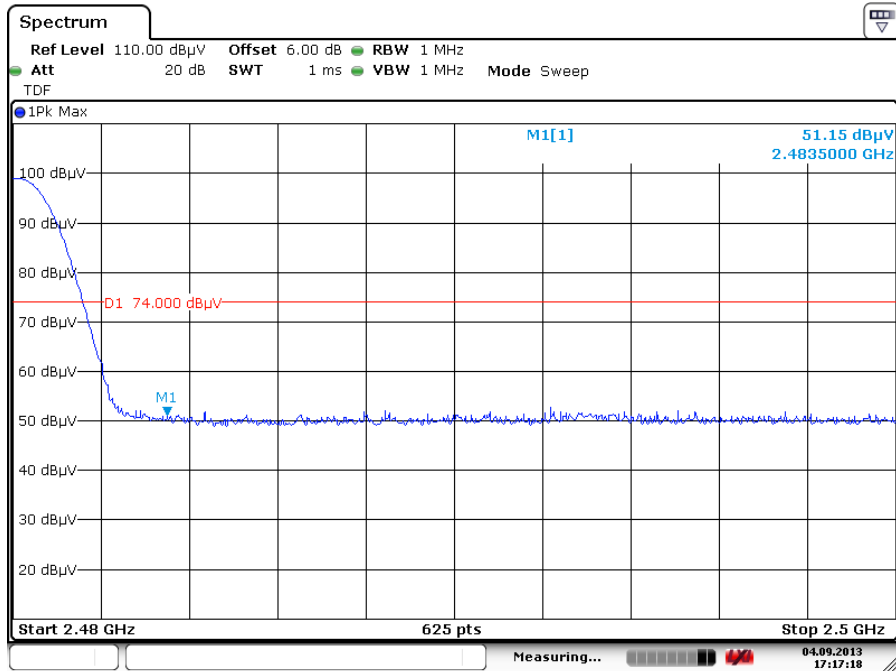


Date: 4.SEP.2013 17:04:38

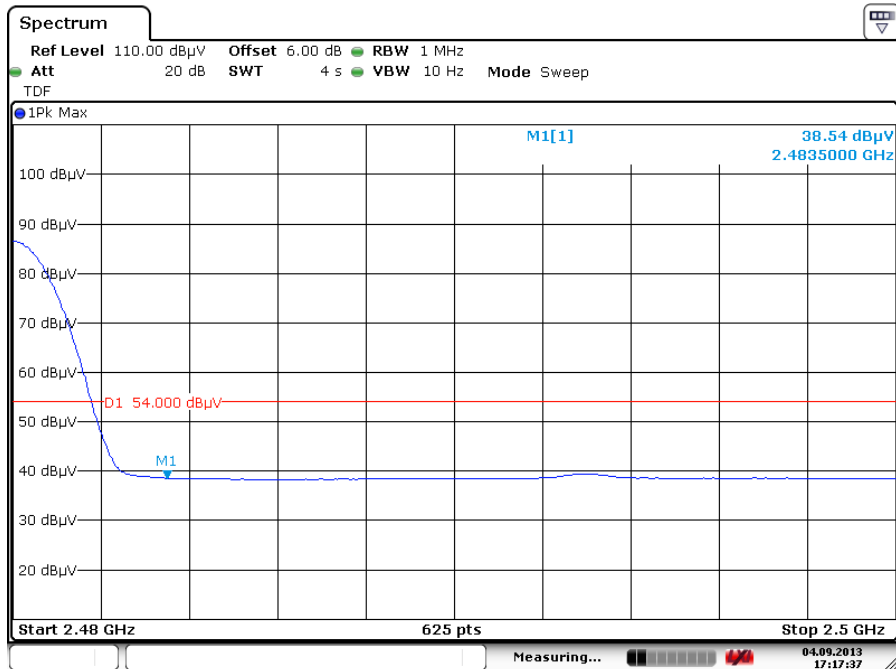
## Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (GFSK)

## High Channel (Hor)



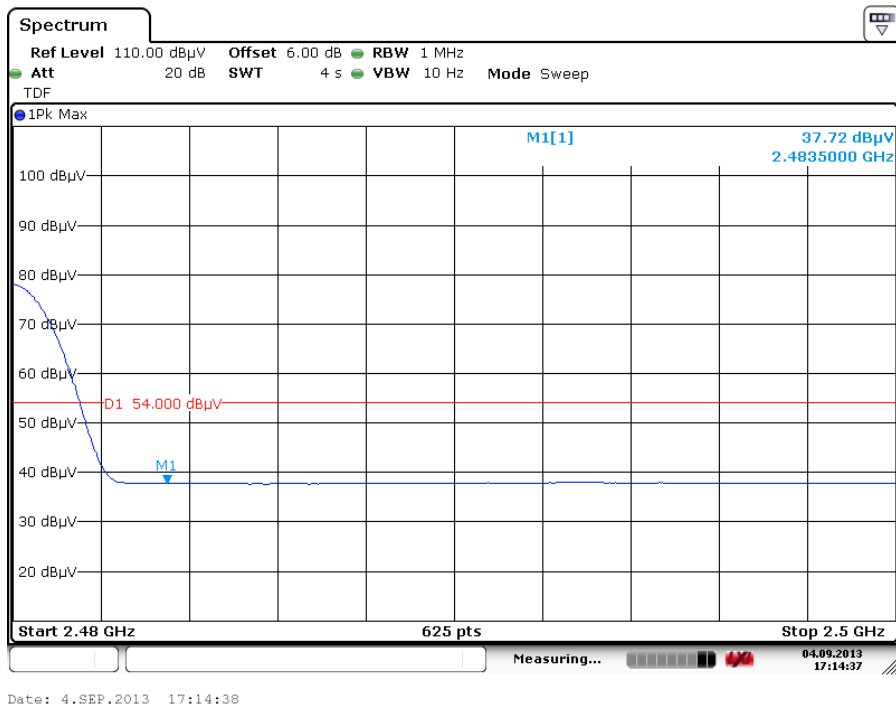
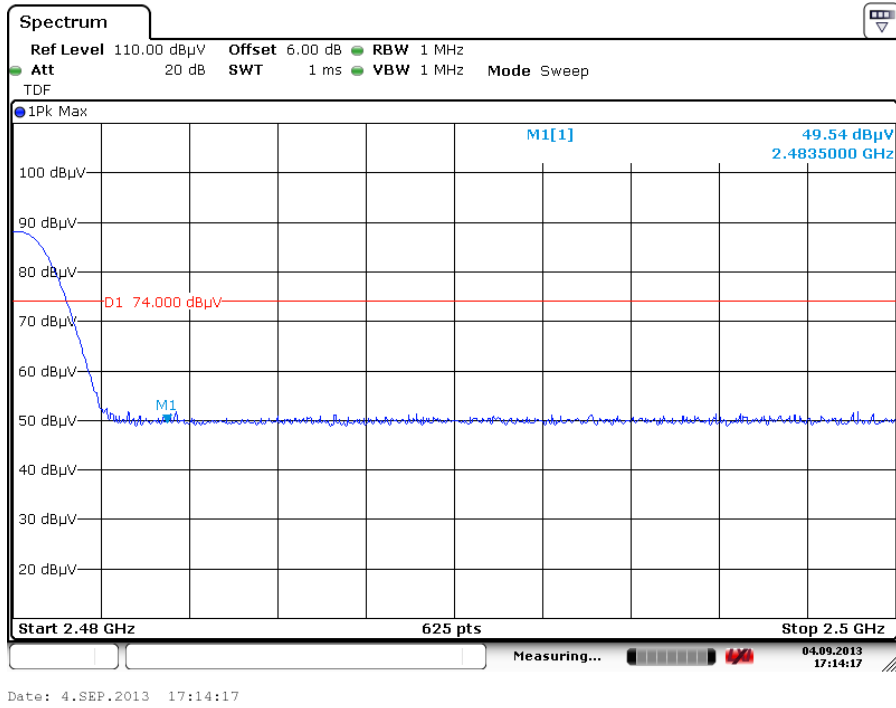
Date: 4.SEP.2013 17:17:18



Date: 4.SEP.2013 17:17:37

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

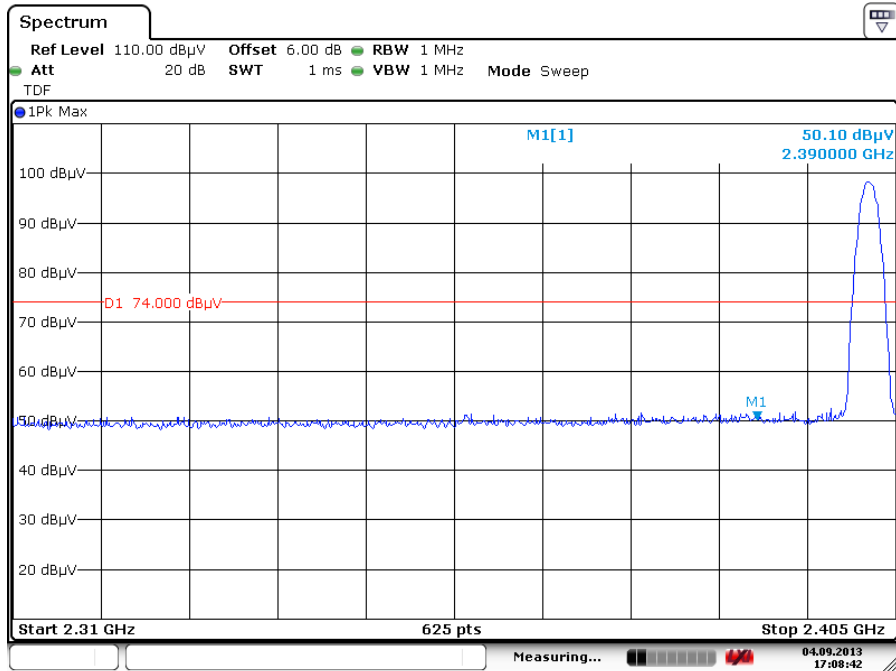
# High Channel (Ver)



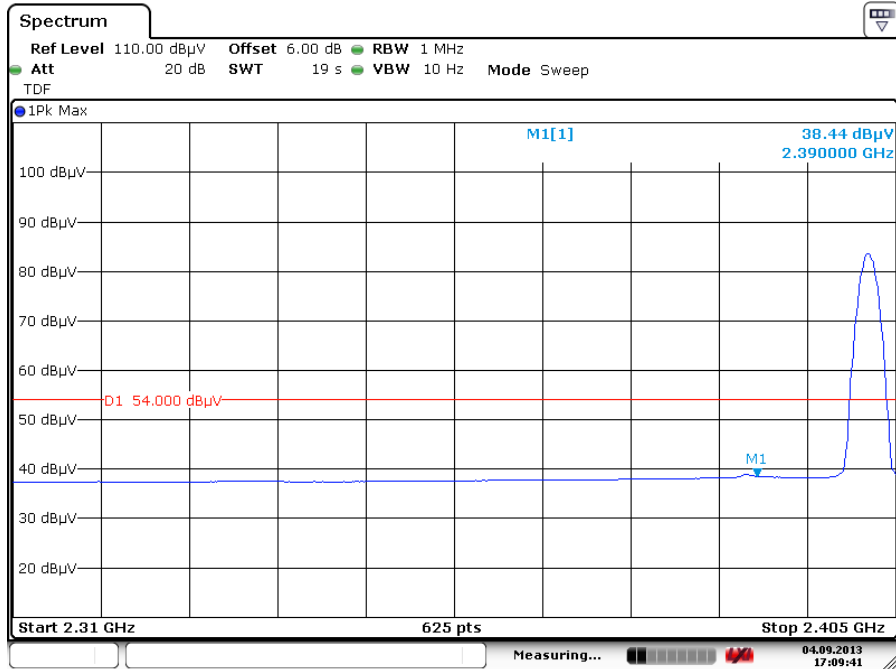
# Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (8DPSK)

## Low Channel (Hor)



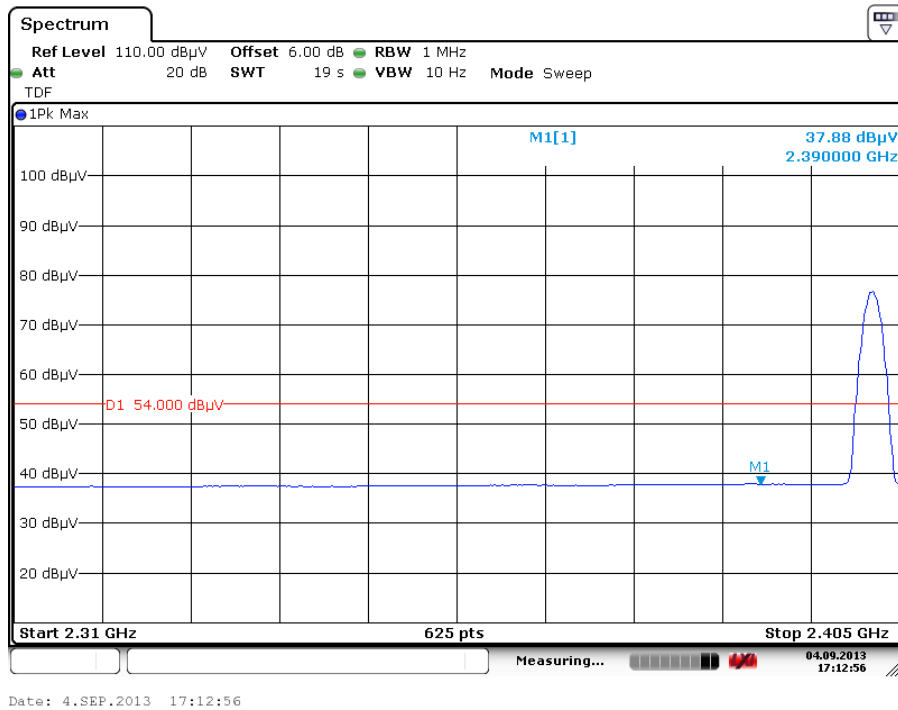
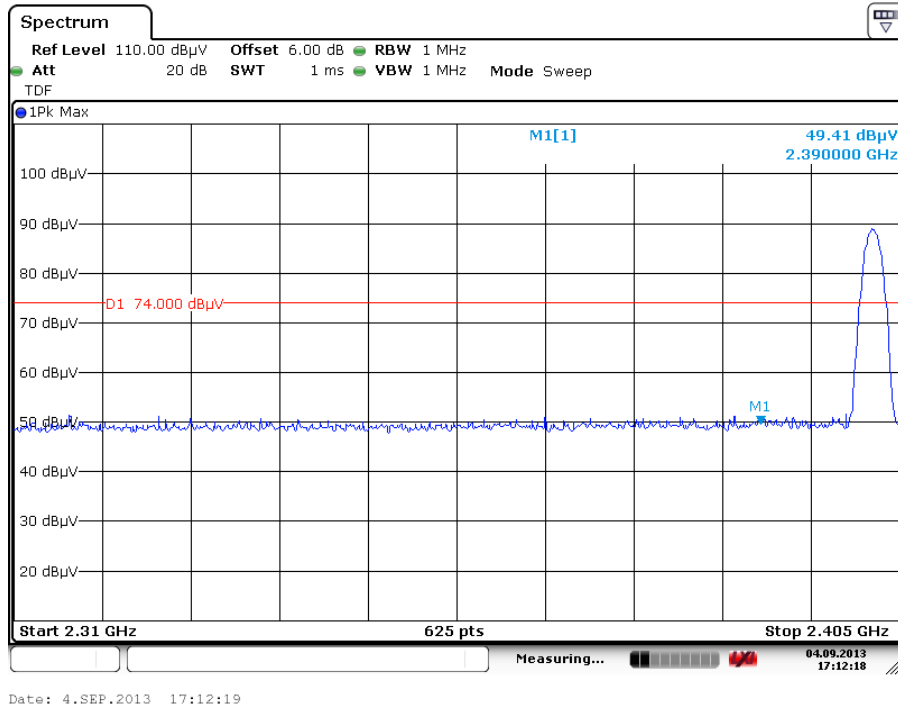
Date: 4.SEP.2013 17:08:42



Date: 4.SEP.2013 17:09:42

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

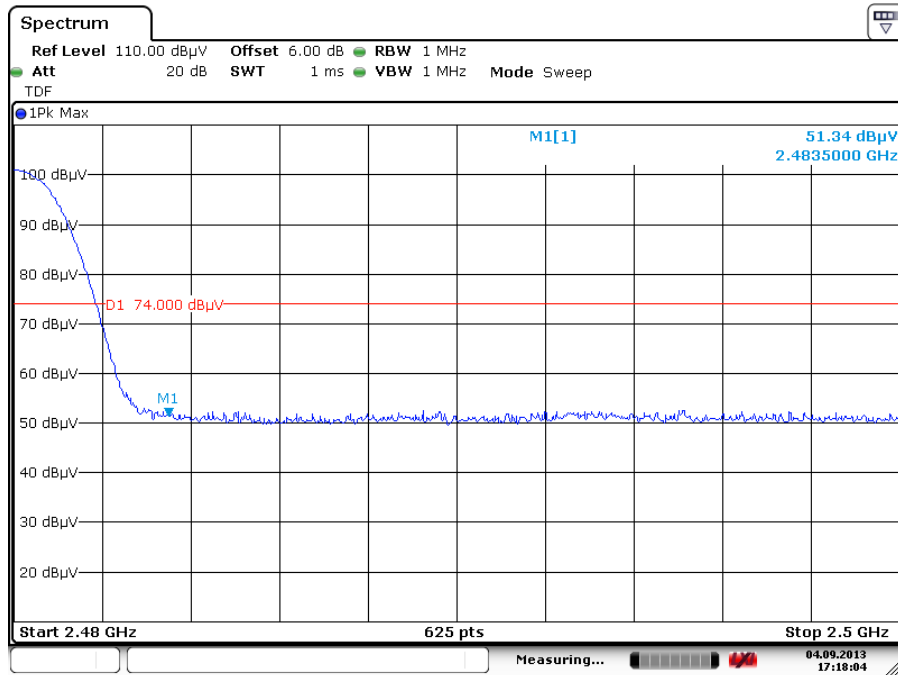
# Low Channel (Ver)



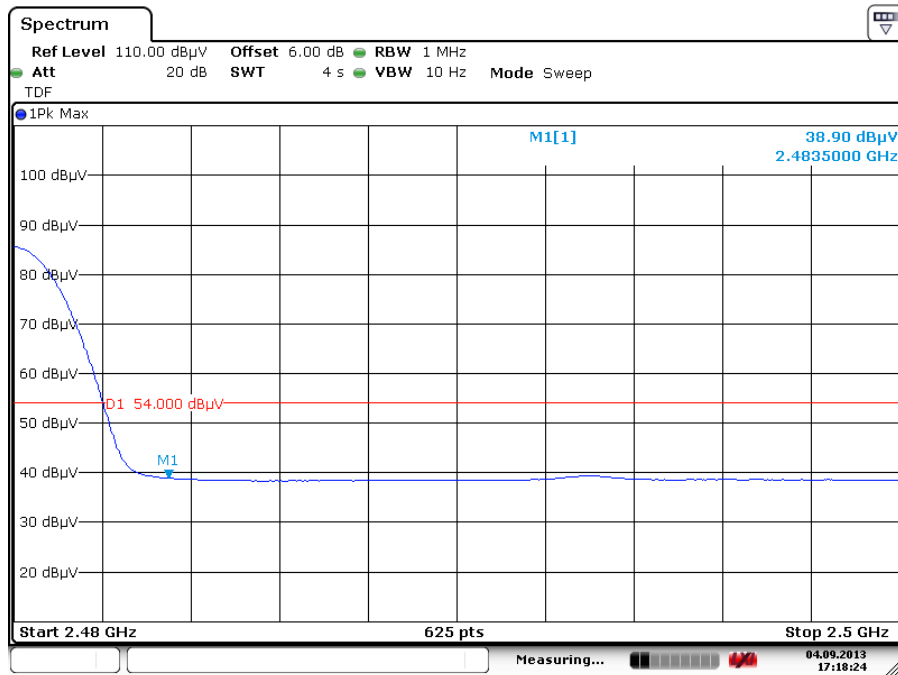
# Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (8DPSK)

## High Channel (Hor)



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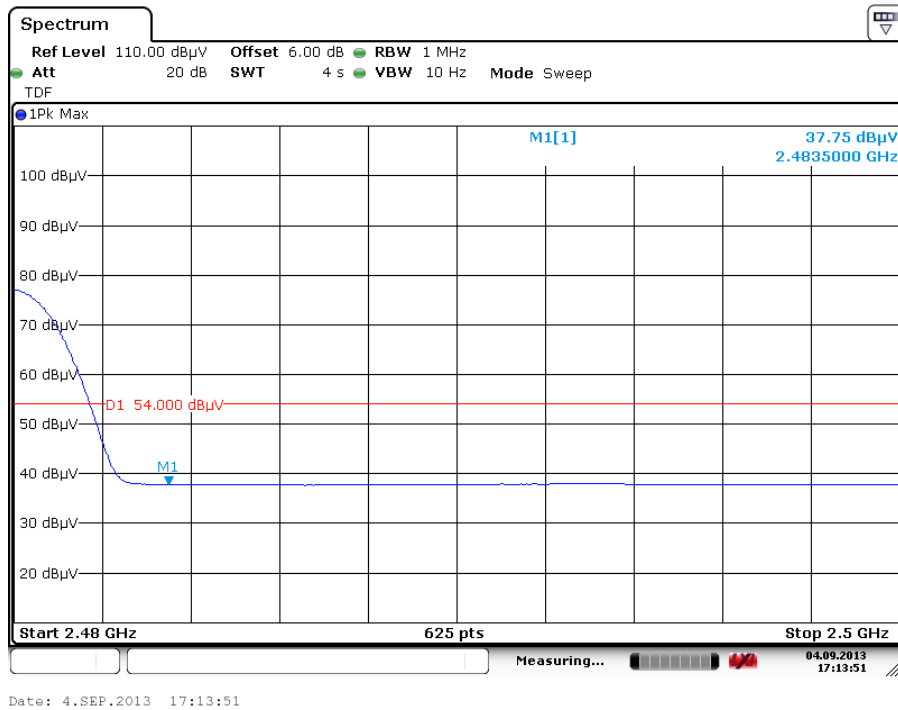
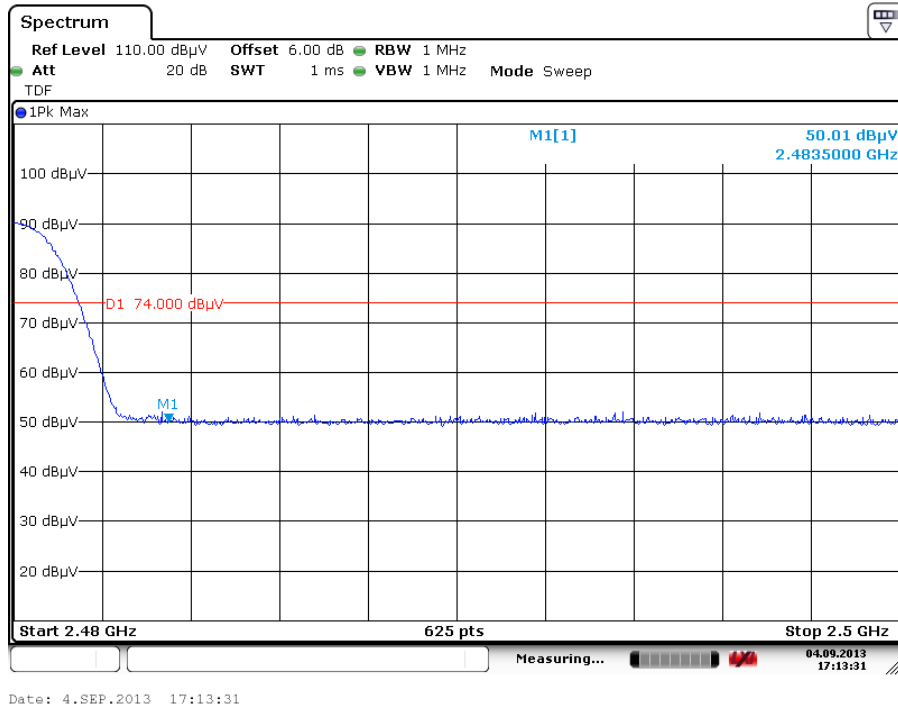


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## Spurious Emissions, Band Edge, 2.35-2.5G



# High Channel (Ver)

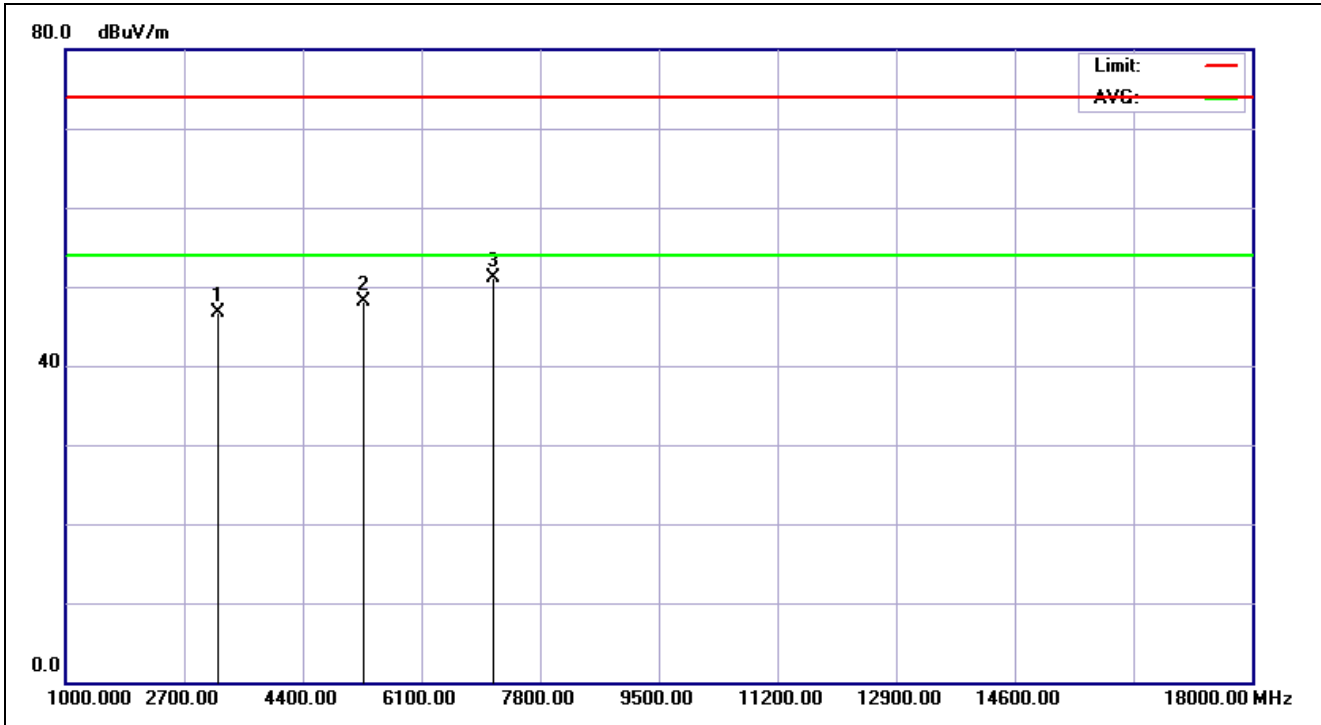


# Spurious Emissions, Band Edge, 2.35-2.5G

# Spurious Emissions, TX Mode, 1-18G

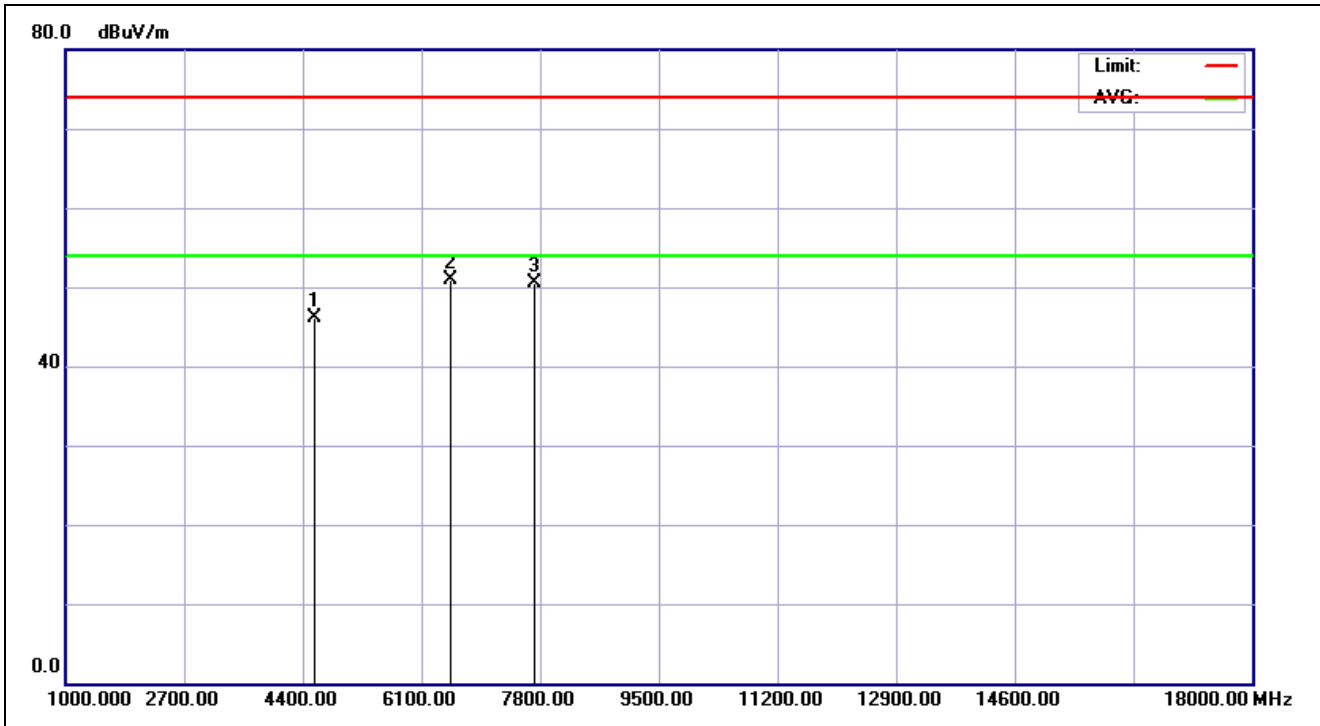


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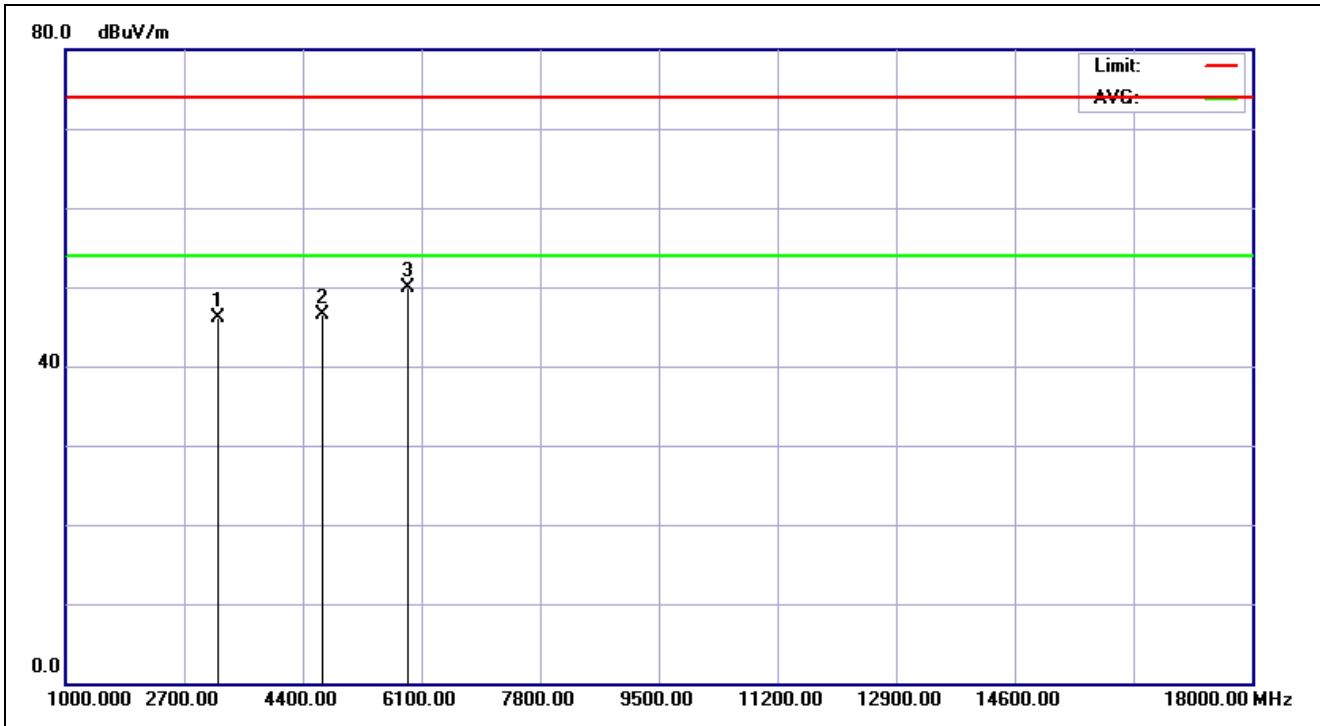
<b>Service No.:</b>	114009544-BT	<b>Test Distance:</b>	3M
<b>Test Standard:</b>	FCC above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2013/9/4 17:22:55
<b>Applicant:</b>	Trans	<b>Test Rating:</b>	AC 120V/60Hz
<b>Product:</b>	Bluetooth music reciver	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/53%
<b>Model No.:</b>	BTR-1000	<b>Test Engineer:</b>	Hugo Chang
<b>Test Mode:</b>	BT-2402		
<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	3179.487	-6.29	52.96	46.67	74.00	-27.33	peak	100	234	
2	5277.243	-0.86	48.98	48.12	74.00	-25.88	peak	100	0	
3	7129.808	5.21	45.91	51.12	74.00	-22.88	peak	100	78	



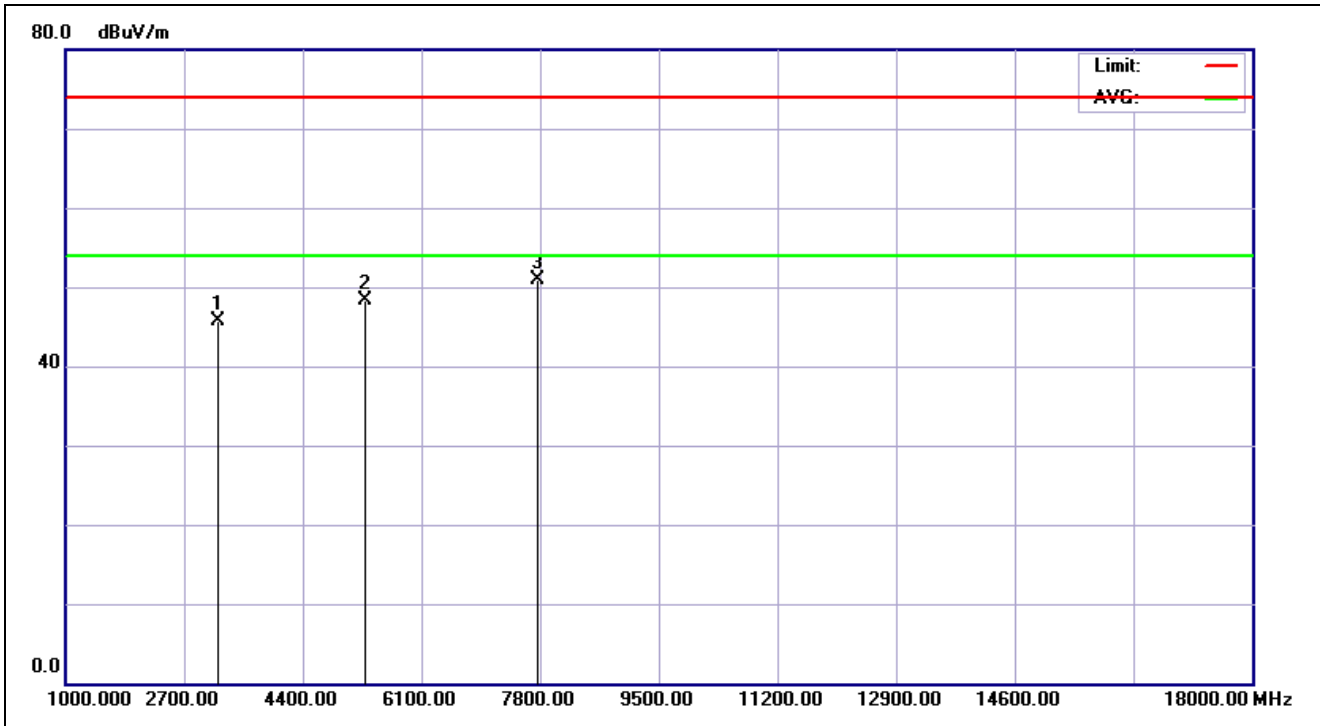
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:23:57</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2402</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	4568.910	-3.36	49.37	46.01	74.00	-27.99	peak	100	51	
2	6530.449	5.40	45.54	50.94	74.00	-23.06	peak	100	263	
3	7729.167	6.13	44.31	50.44	74.00	-23.56	peak	100	303	



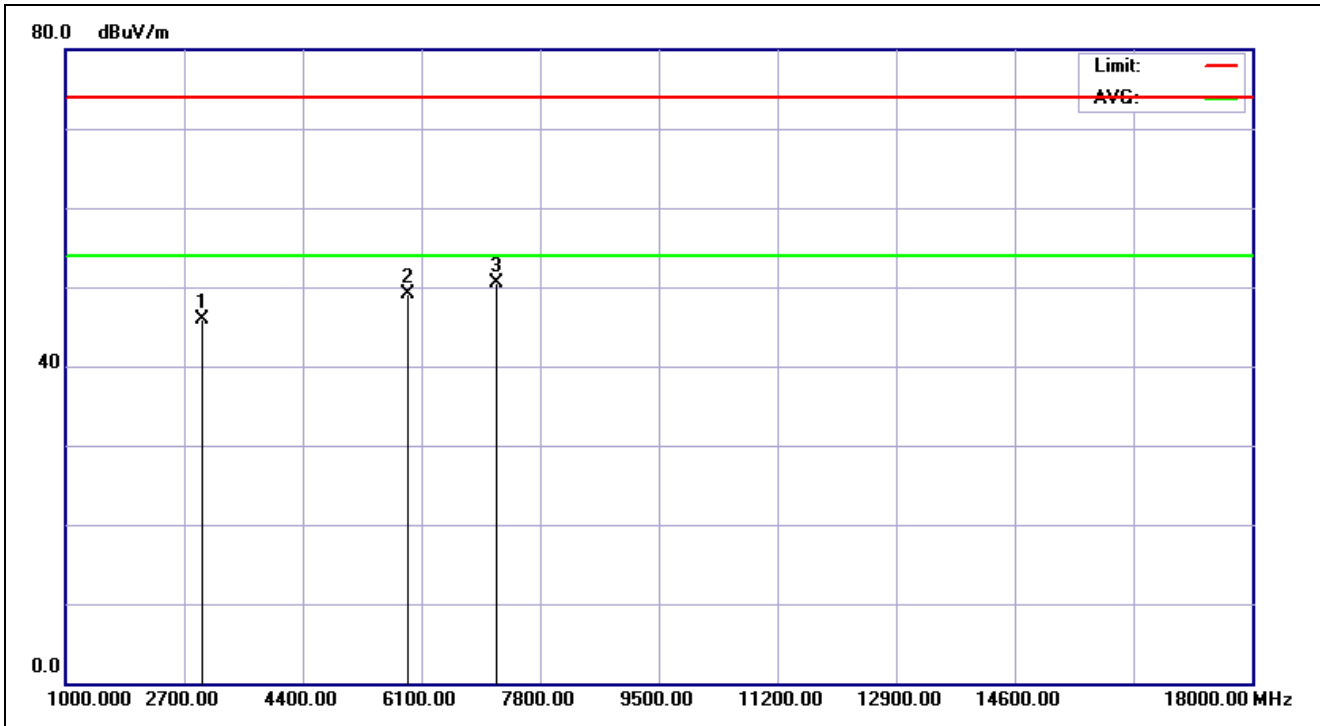
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<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:26:29</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2441</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	3179.487	-6.29	52.39	46.10	74.00	-27.90	peak	100	92	
2	4677.885	-3.07	49.66	46.59	74.00	-27.41	peak	100	20	
3	5903.846	3.02	46.81	49.83	74.00	-24.17	peak	100	304	



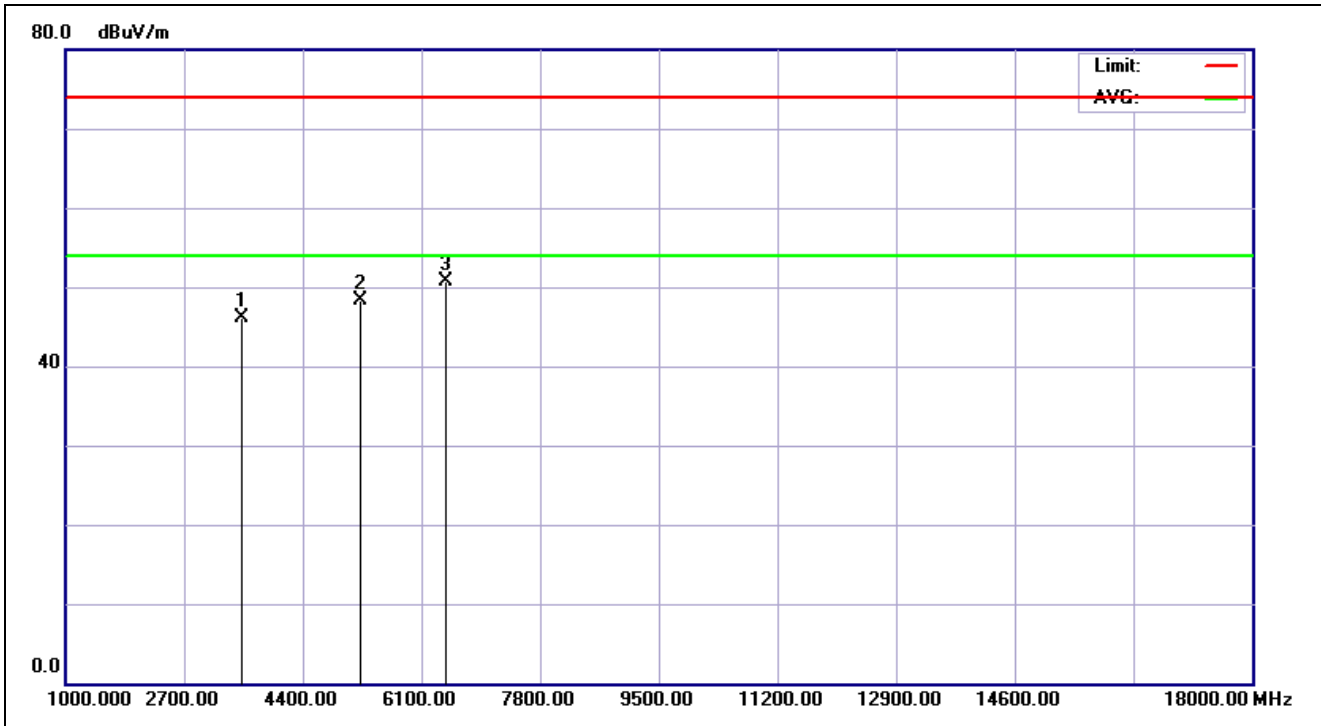
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<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:27:30</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2441</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	3179.487	-6.29	52.02	45.73	74.00	-28.27	peak	100	250	
2	5304.487	-0.73	48.97	48.24	74.00	-25.76	peak	100	325	
3	7756.410	6.11	44.87	50.98	74.00	-23.02	peak	100	145	



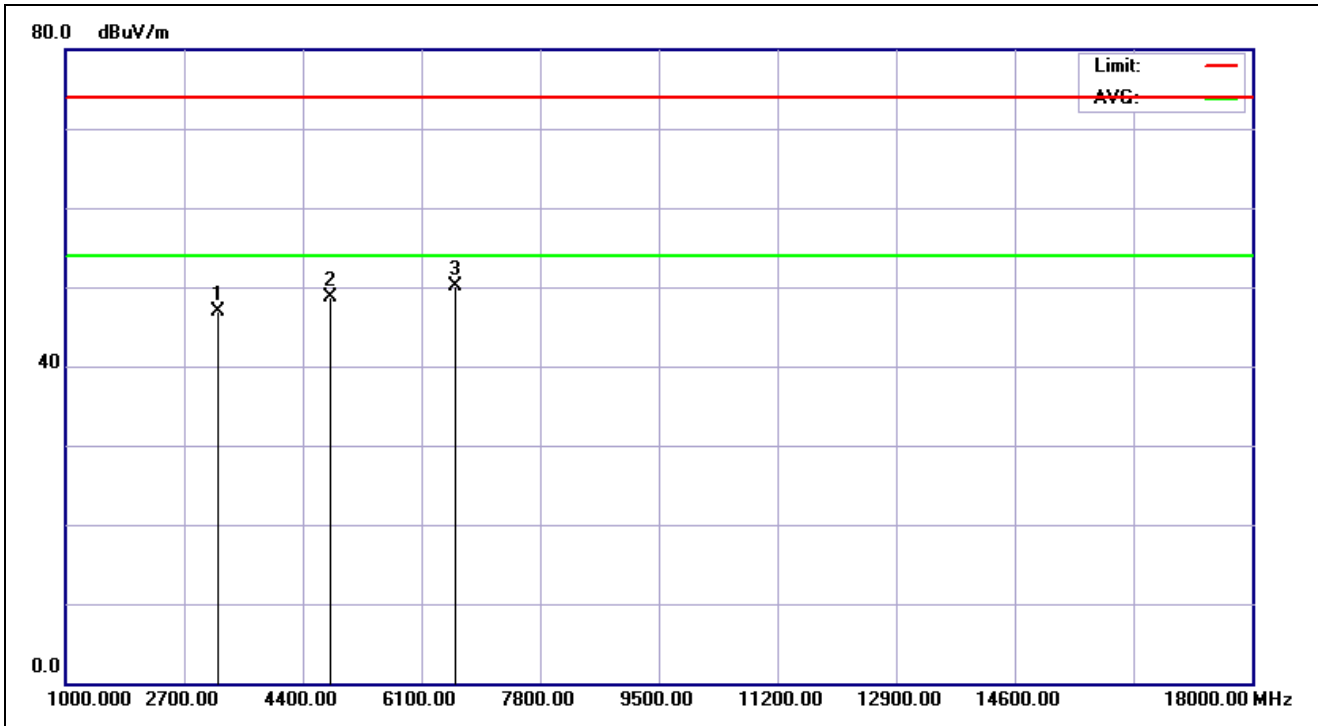
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<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:29:34</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2480</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	2961.538	-6.58	52.46	45.88	74.00	-28.12	peak	100	260	
2	5903.846	3.02	46.11	49.13	74.00	-24.87	peak	100	126	
3	7184.295	5.36	45.14	50.50	74.00	-23.50	peak	100	250	



<b>Service No.:</b>	<b>114009544-BT</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>2013/9/4 17:30:36</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2480</b>		
<b>Remark:</b>			

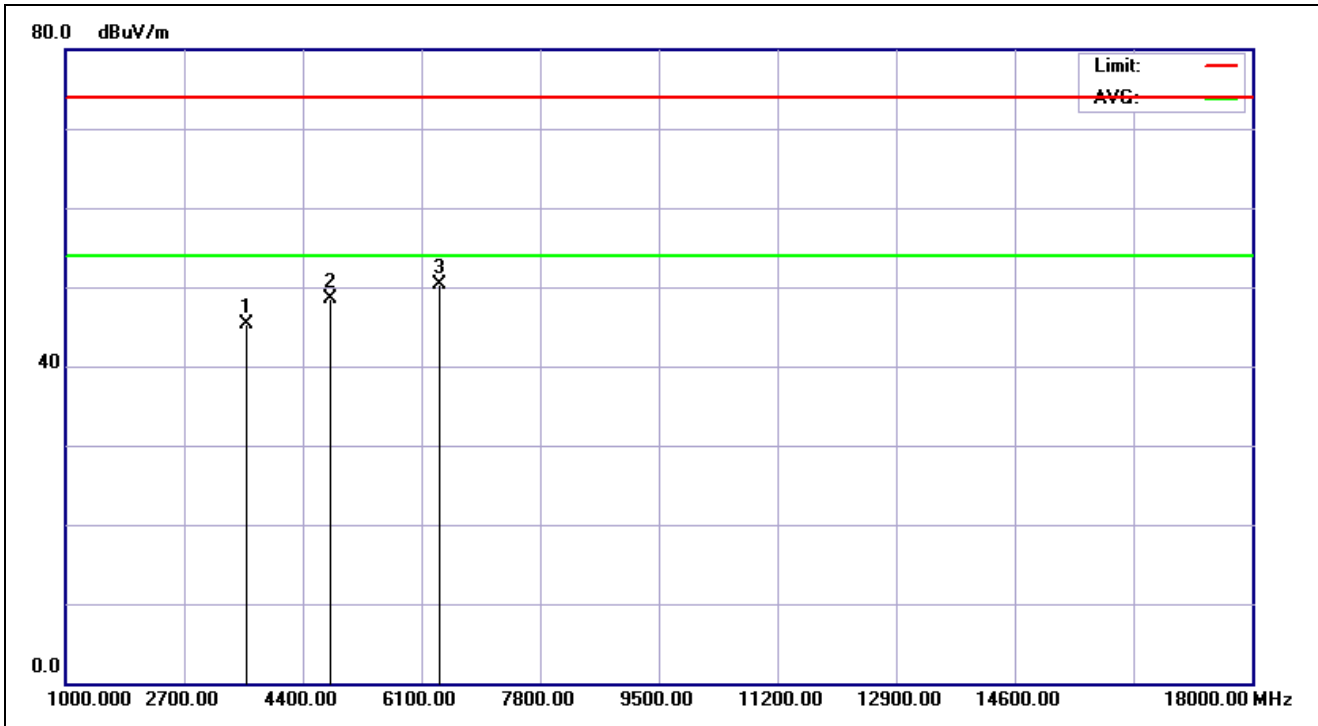
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1	3533.654	-5.84	52.03	46.19	74.00	-27.81	peak	100	298	
2	5222.756	-1.14	49.51	48.37	74.00	-25.63	peak	100	242	
3	6448.718	5.26	45.40	50.66	74.00	-23.34	peak	100	333	



<b>Service No.:</b>	<b>114009544-BT</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>2013/9/4 17:32:06</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2402</b>		
<b>Remark:</b>			

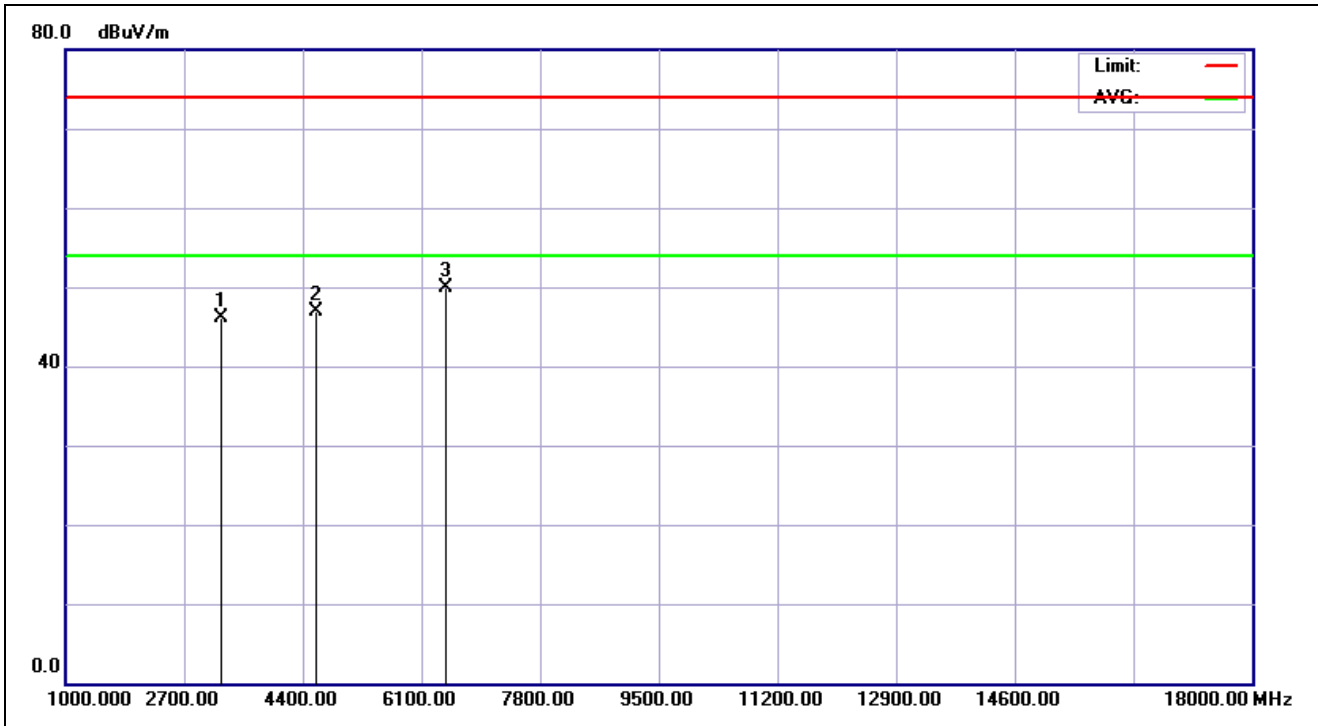
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3179.487	-6.29	53.27	46.98	74.00	-27.02	peak	100	49	
2	4786.859	-2.80	51.48	48.68	74.00	-25.32	peak	100	0	
3	6584.936	5.34	44.74	50.08	74.00	-23.92	peak	100	11	





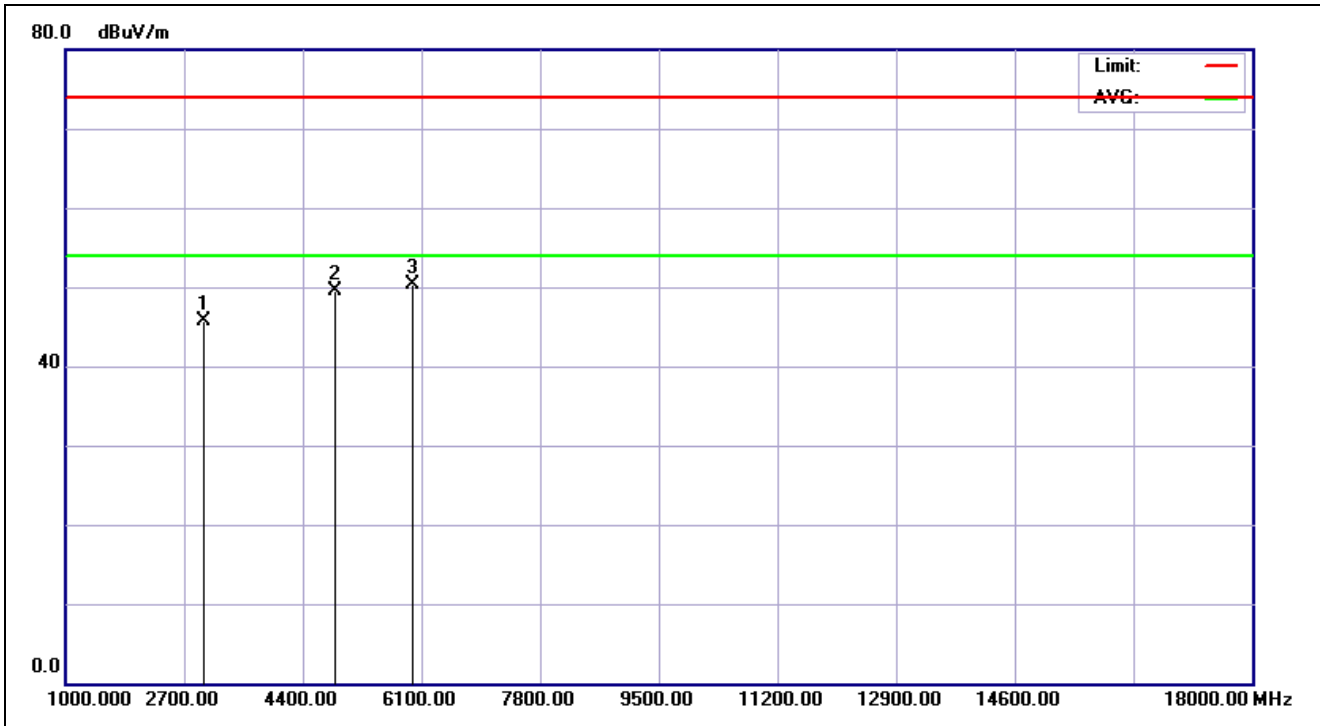
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<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:33:08</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2402</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	3588.141	-5.79	51.04	45.25	74.00	-28.75	peak	100	346	
2	4786.859	-2.80	51.24	48.44	74.00	-25.56	peak	100	180	
3	6366.987	4.96	45.33	50.29	74.00	-23.71	peak	100	92	



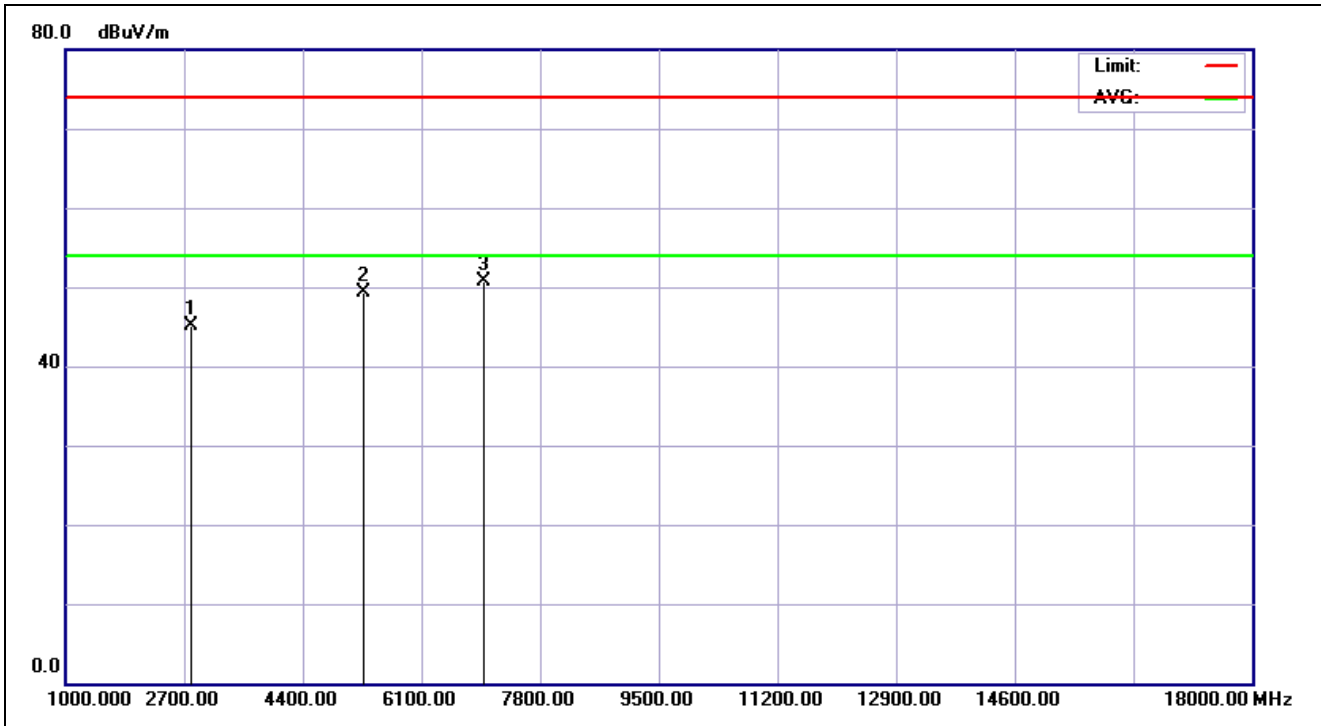
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:34:45</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2441</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	3233.974	-6.22	52.25	46.03	74.00	-27.97	peak	100	46	
2	4596.154	-3.29	50.13	46.84	74.00	-27.16	peak	100	320	
3	6448.718	5.26	44.55	49.81	74.00	-24.19	peak	100	358	



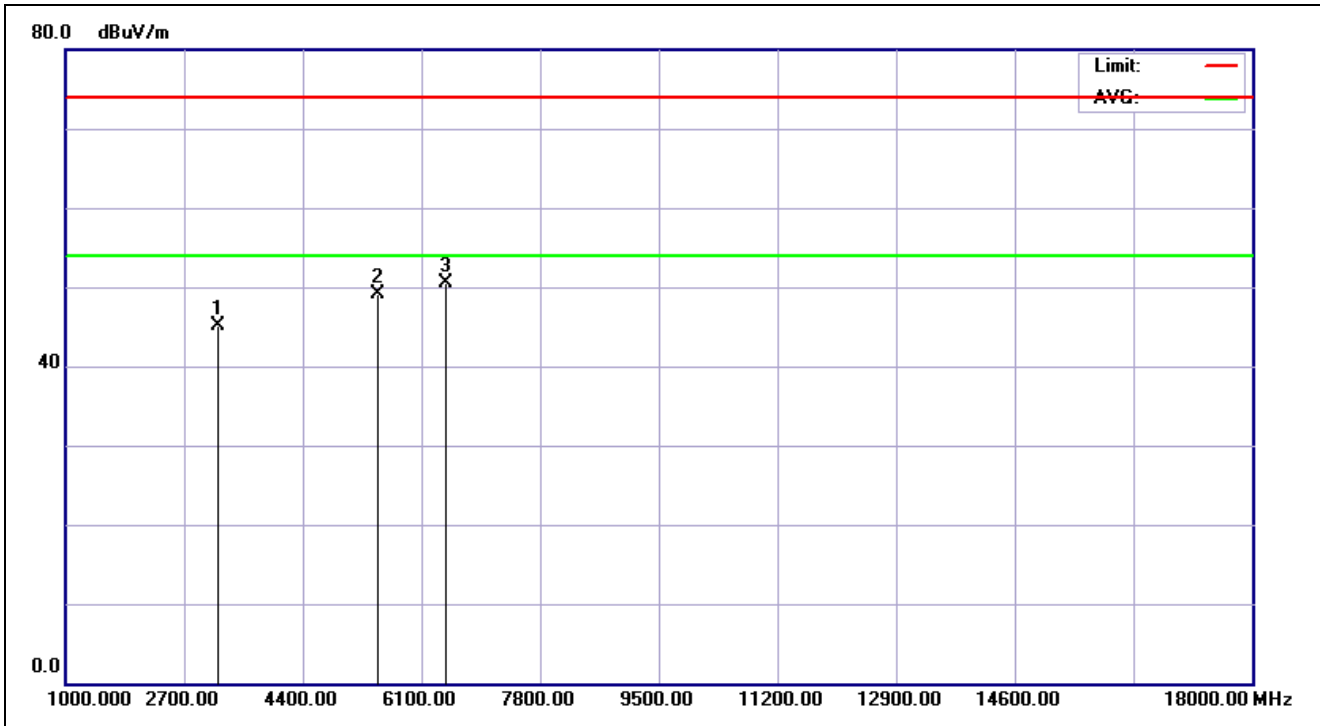
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:35:47</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2441</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	2988.782	-6.55	52.17	45.62	74.00	-28.38	peak	100	166	
2	4868.590	-2.57	52.09	49.52	74.00	-24.48	peak	100	352	
3	5985.577	3.58	46.74	50.32	74.00	-23.68	peak	100	359	



<b>Service No.:</b>	<b>114009544-BT</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>2013/9/4 17:37:56</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2480</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	2798.077	-6.83	51.87	45.04	74.00	-28.96	peak	100	105	
2	5277.243	-0.86	50.13	49.27	74.00	-24.73	peak	100	244	
3	6993.590	4.85	45.87	50.72	74.00	-23.28	peak	100	33	



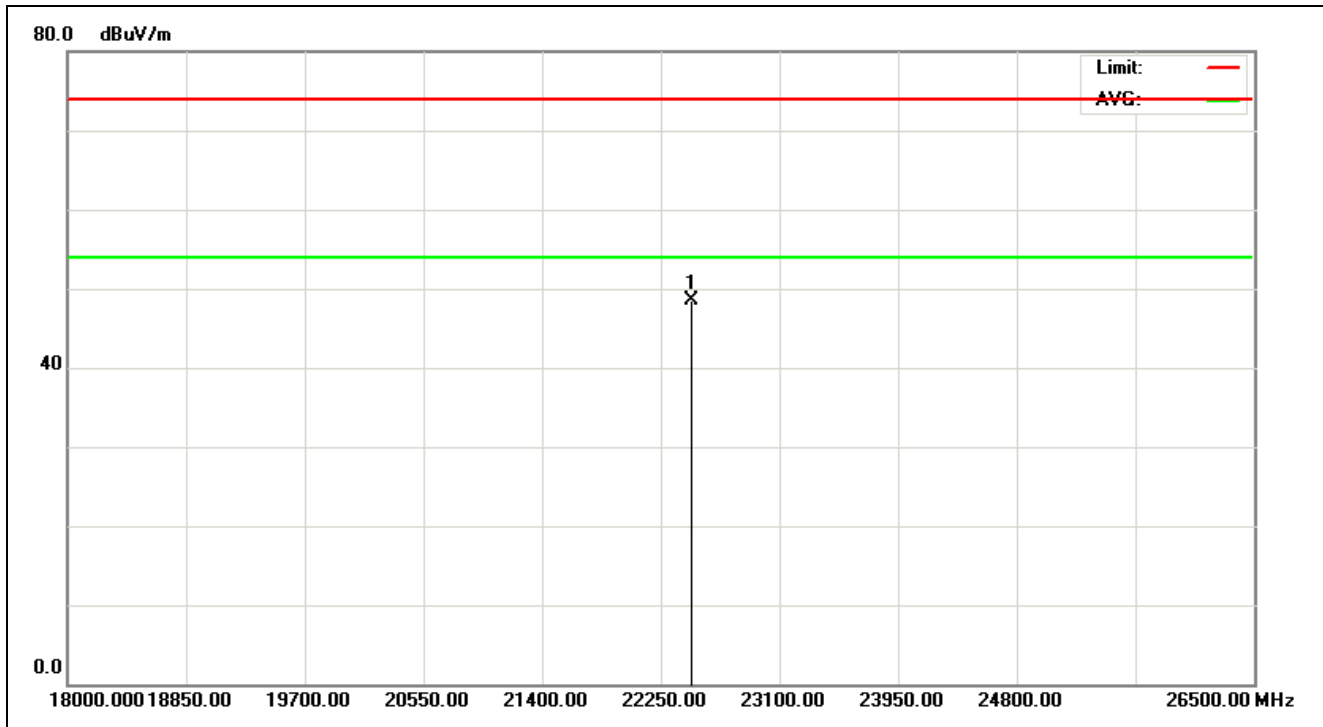
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 17:38:58</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2480</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	3179.487	-6.29	51.33	45.04	74.00	-28.96	peak	100	292	
2	5467.949	0.07	49.09	49.16	74.00	-24.84	peak	100	359	
3	6448.718	5.26	45.17	50.43	74.00	-23.57	peak	100	110	

# Spurious Emissions, TX Mode, 18-26G

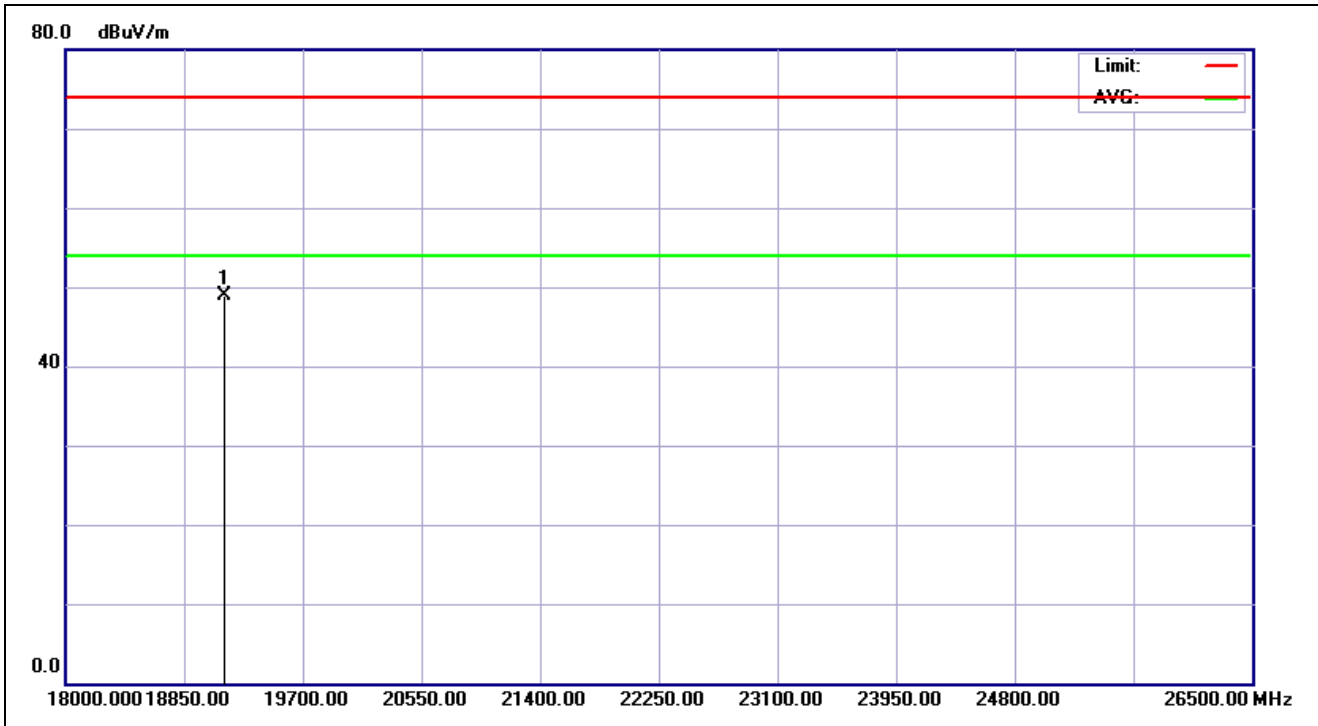


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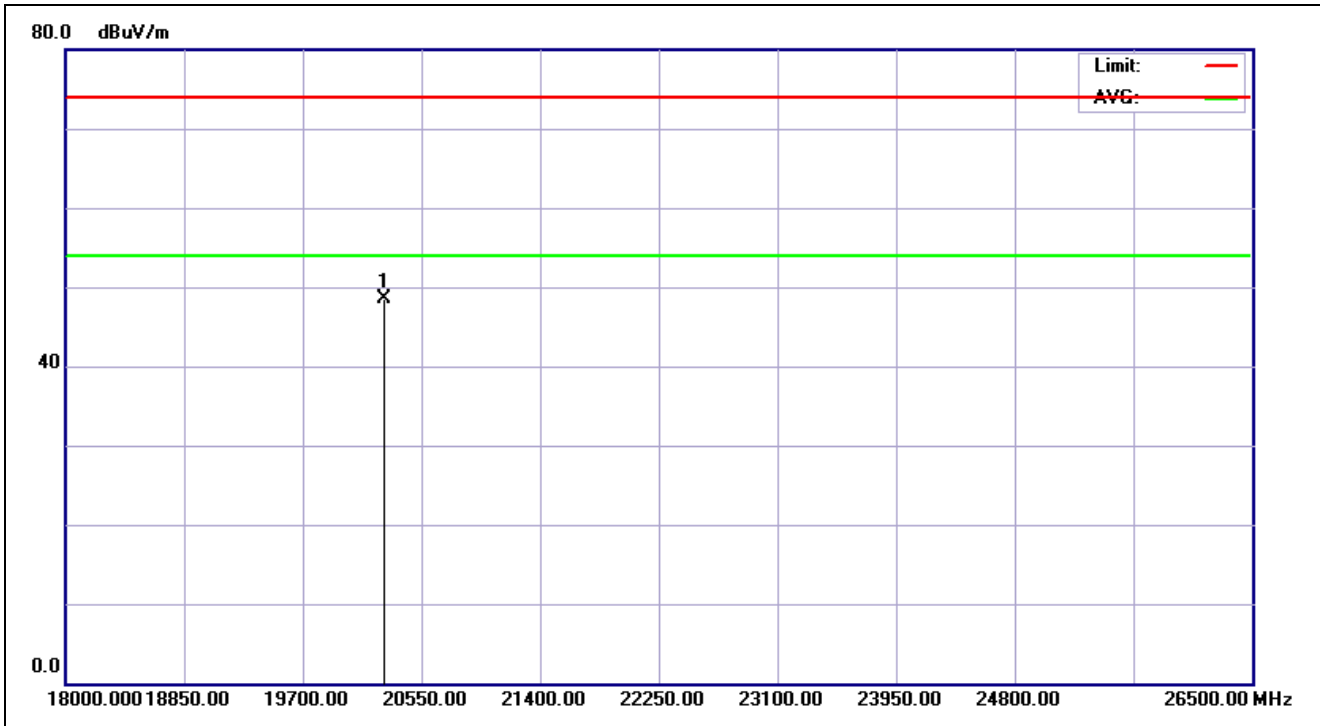
<b>Service No.:</b>	114009544-BT	<b>Test Distance:</b>	3M
<b>Test Standard:</b>	FCC above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2013/9/9 10:05:38
<b>Applicant:</b>	Trans	<b>Test Rating:</b>	AC 120V/60Hz
<b>Product:</b>	Bluetooth music reciver	<b>Temp.(°C)/Hum.(%):</b>	25(°C)/50%
<b>Model No.:</b>	BTR-1000	<b>Test Engineer:</b>	Hugo Chang
<b>Test Mode:</b>	BT-2402		
<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	22467.949	29.02	19.50	48.52	74.00	-25.48	peak			



<b>Service No.:</b>	<b>114009544-BT</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>2013/9/9 10:05:50</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2402</b>		
<b>Remark:</b>			

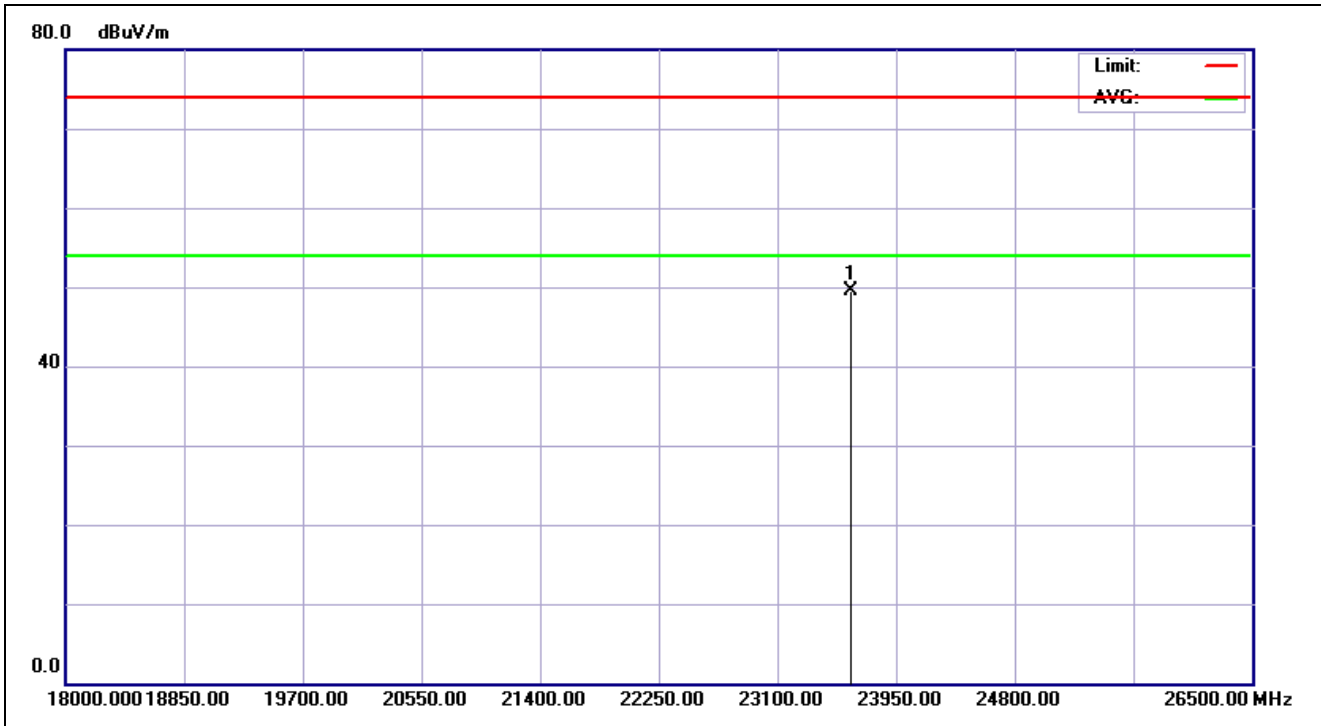
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19144.231	29.65	19.34	48.99	74.00	-25.01	peak			



<b>Service No.:</b>	<b>114009544-BT</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>2013/9/9 10:06:05</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2441</b>		
<b>Remark:</b>			

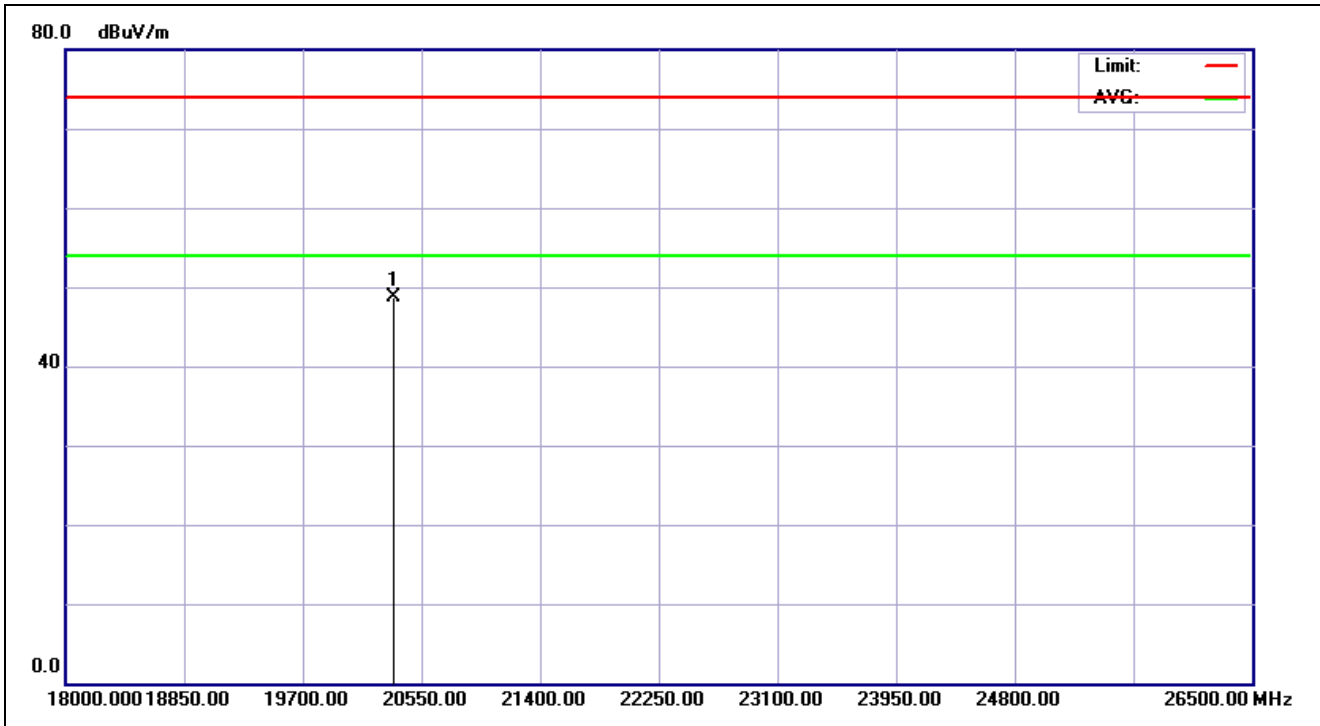
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20288.462	29.46	18.95	48.41	74.00	-25.59	peak			





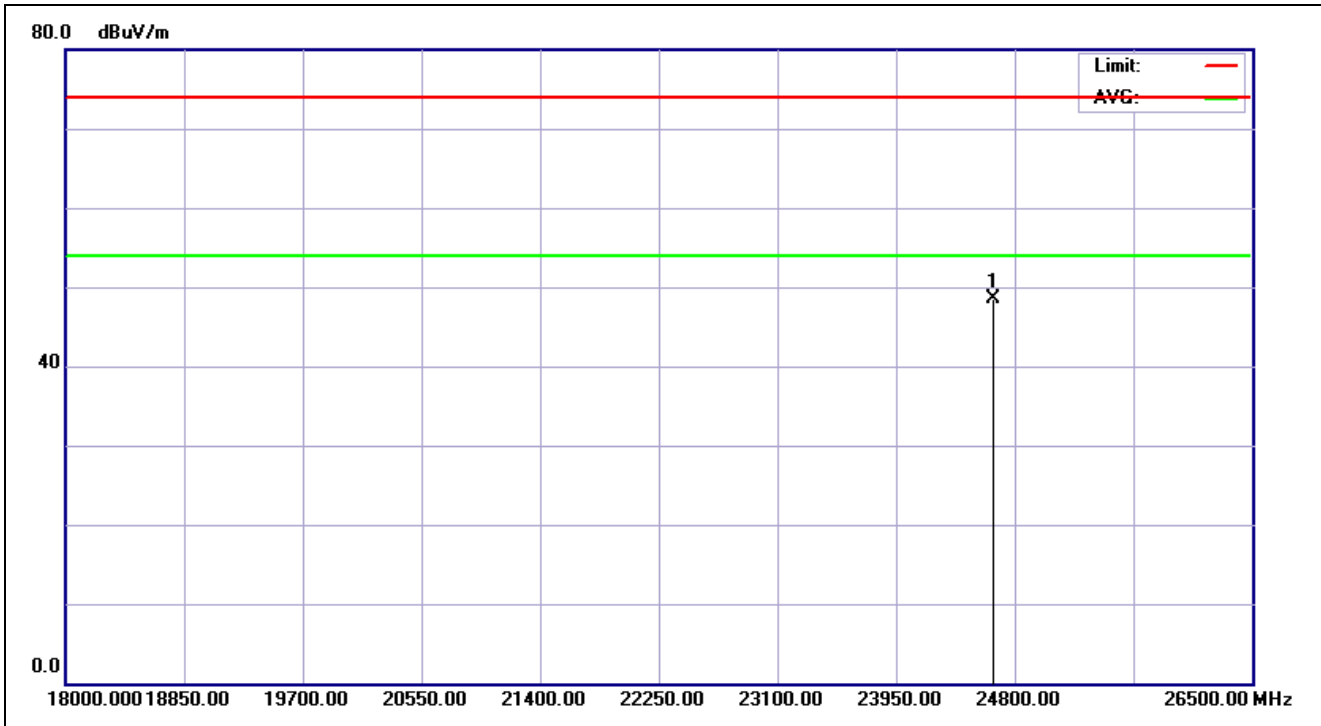
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/9 10:06:15</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2441</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	23625.801	29.83	19.68	49.51	74.00	-24.49	peak			



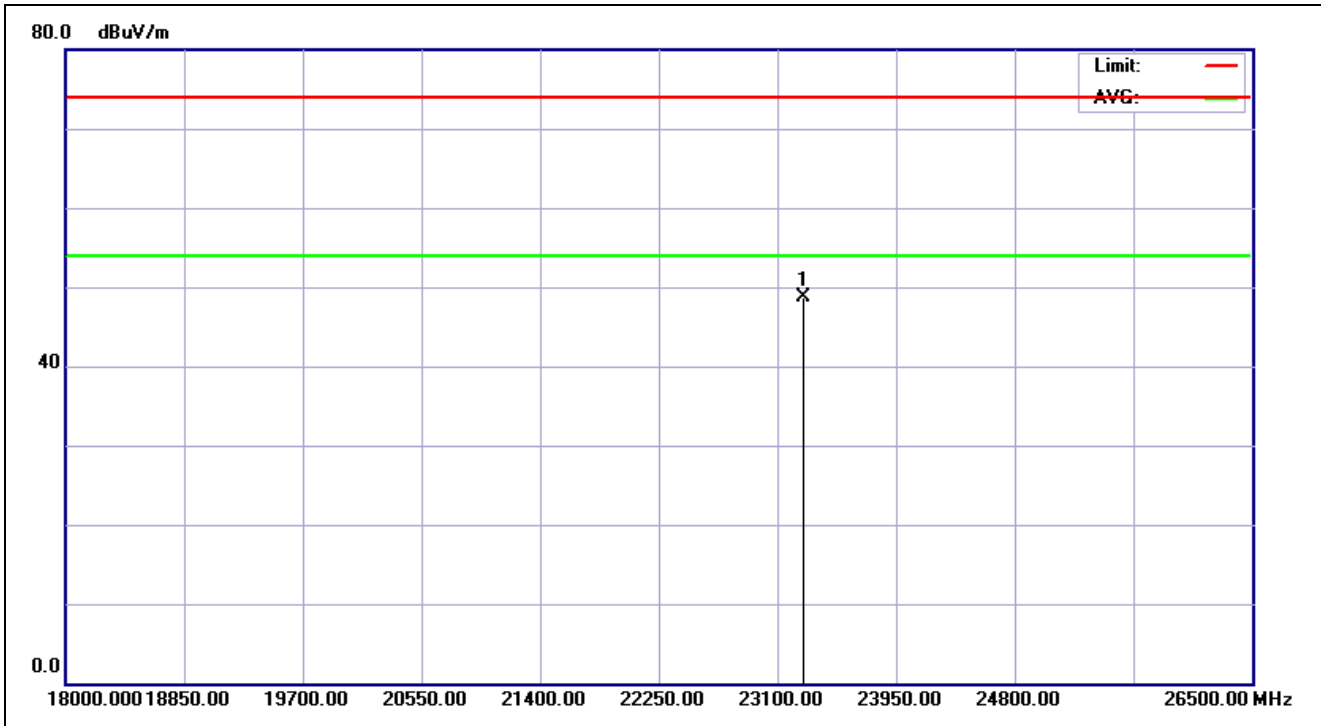
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/9 10:06:31</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2480</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	20356.571	29.50	19.23	48.73	74.00	-25.27	peak			



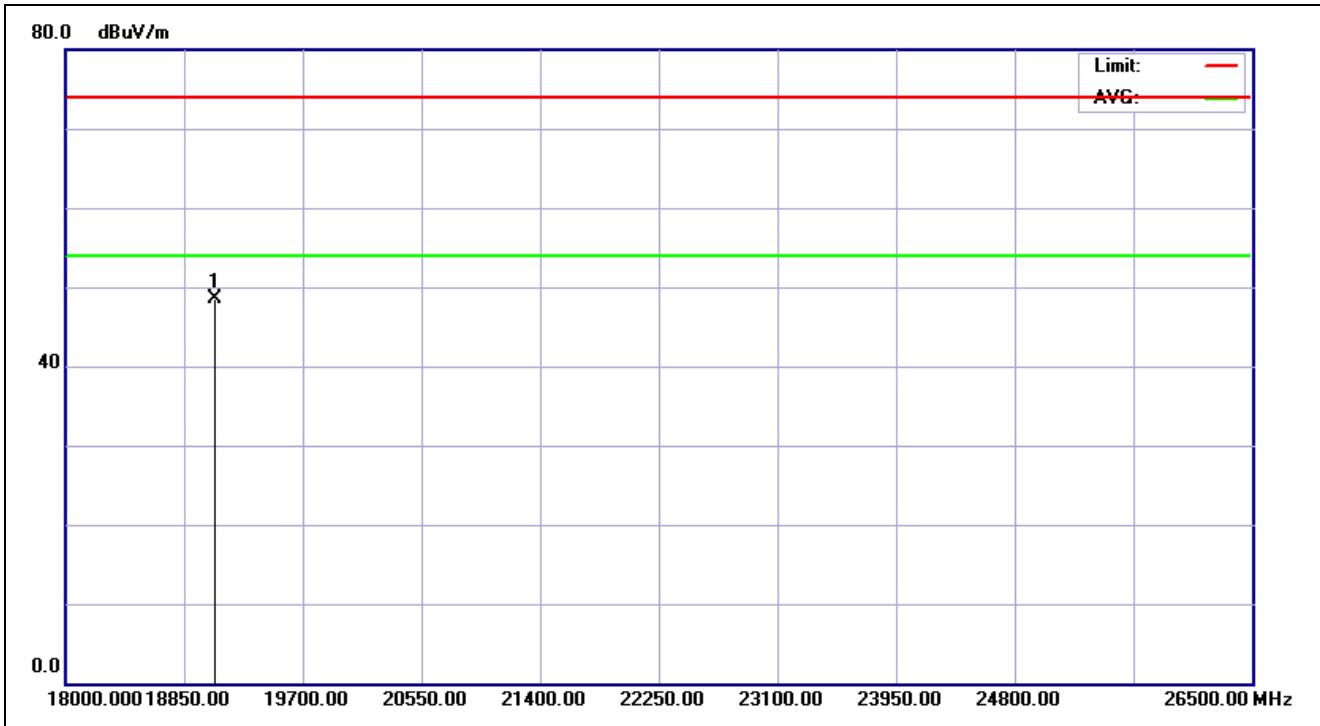
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/9 10:06:41</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-2480</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	24647.436	30.23	18.36	48.59	74.00	-25.41	peak			



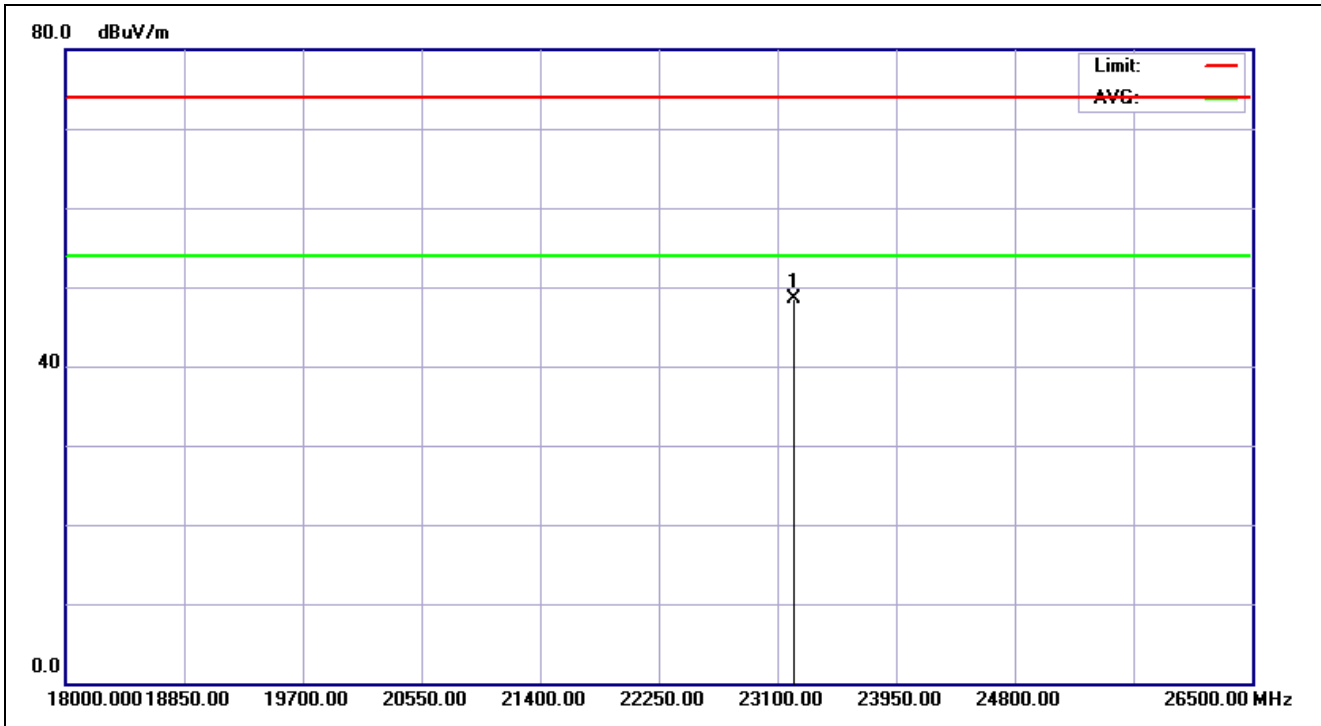
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/9 10:06:56</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2402</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	23285.256	30.19	18.46	48.65	74.00	-25.35	peak			



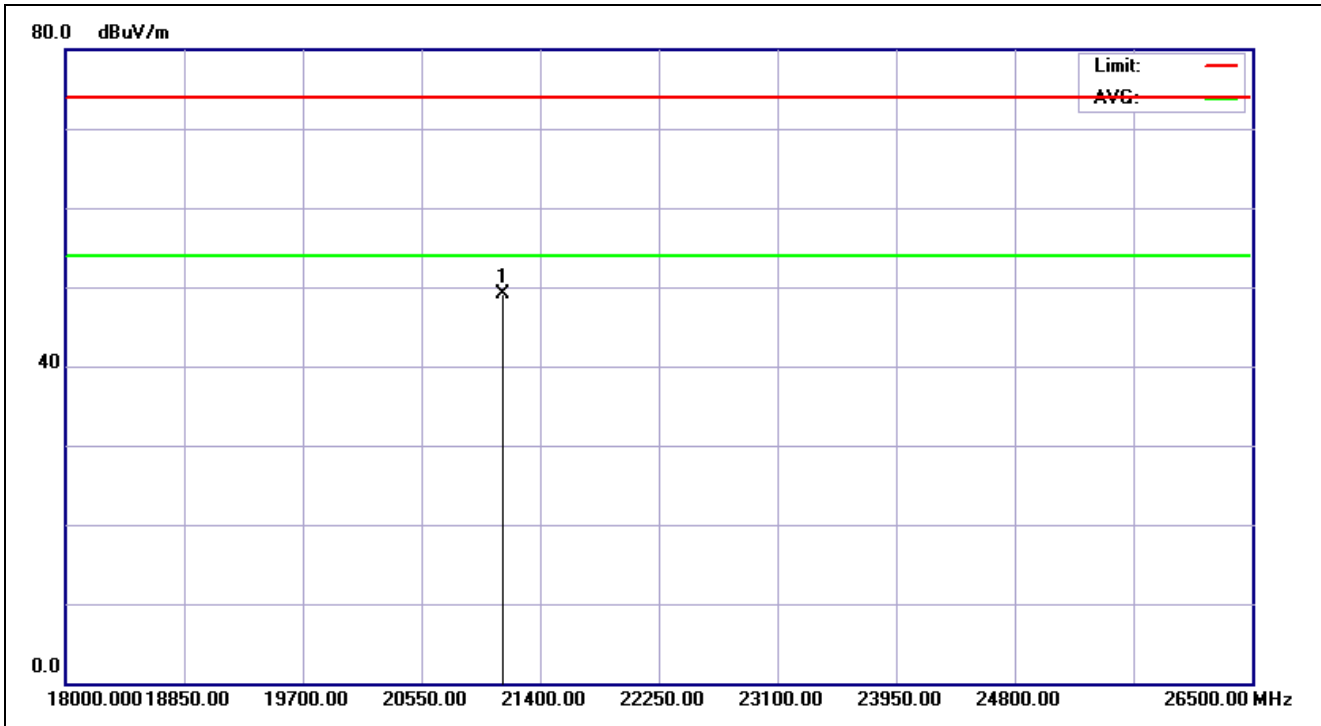
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/9 10:07:06</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2402</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	19076.122	29.81	18.64	48.45	74.00	-25.55	peak			



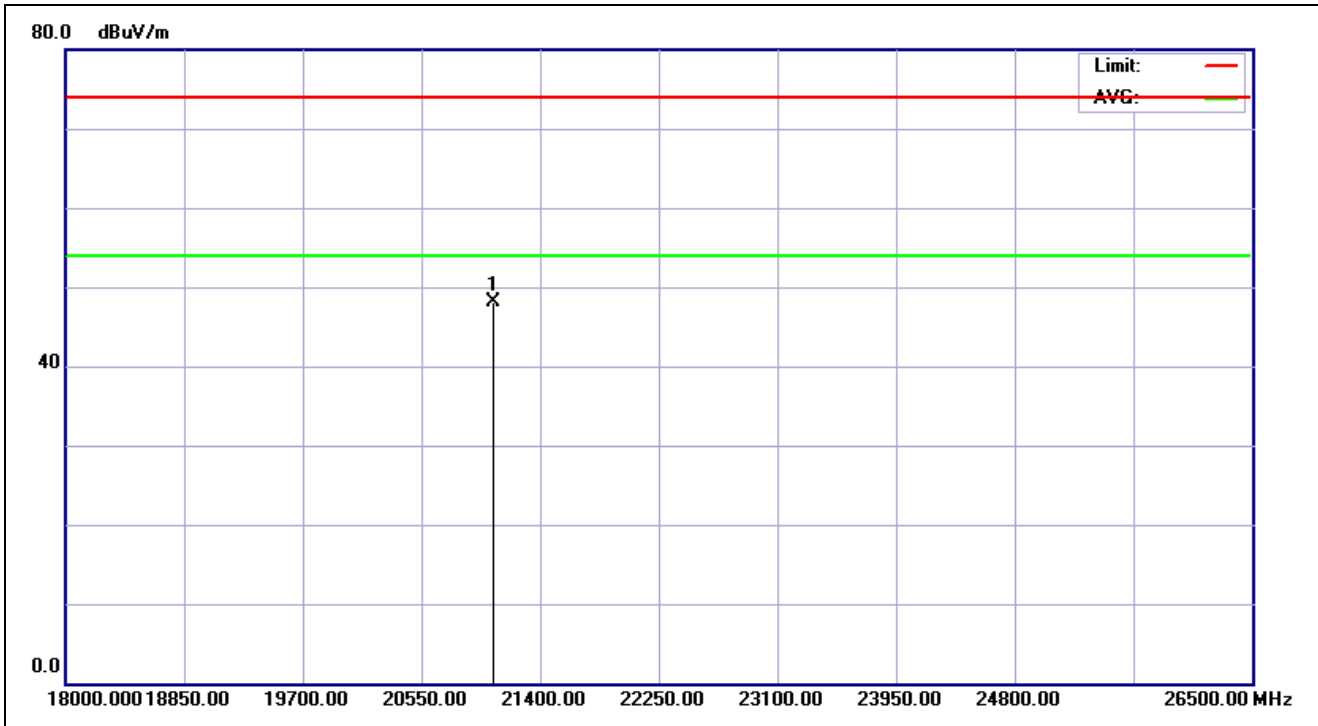
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/9 10:07:21</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2441</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	23217.147	30.20	18.36	48.56	74.00	-25.44	peak			



<b>Service No.:</b>	<b>114009544-BT</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>2013/9/9 10:07:35</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2441</b>		
<b>Remark:</b>			

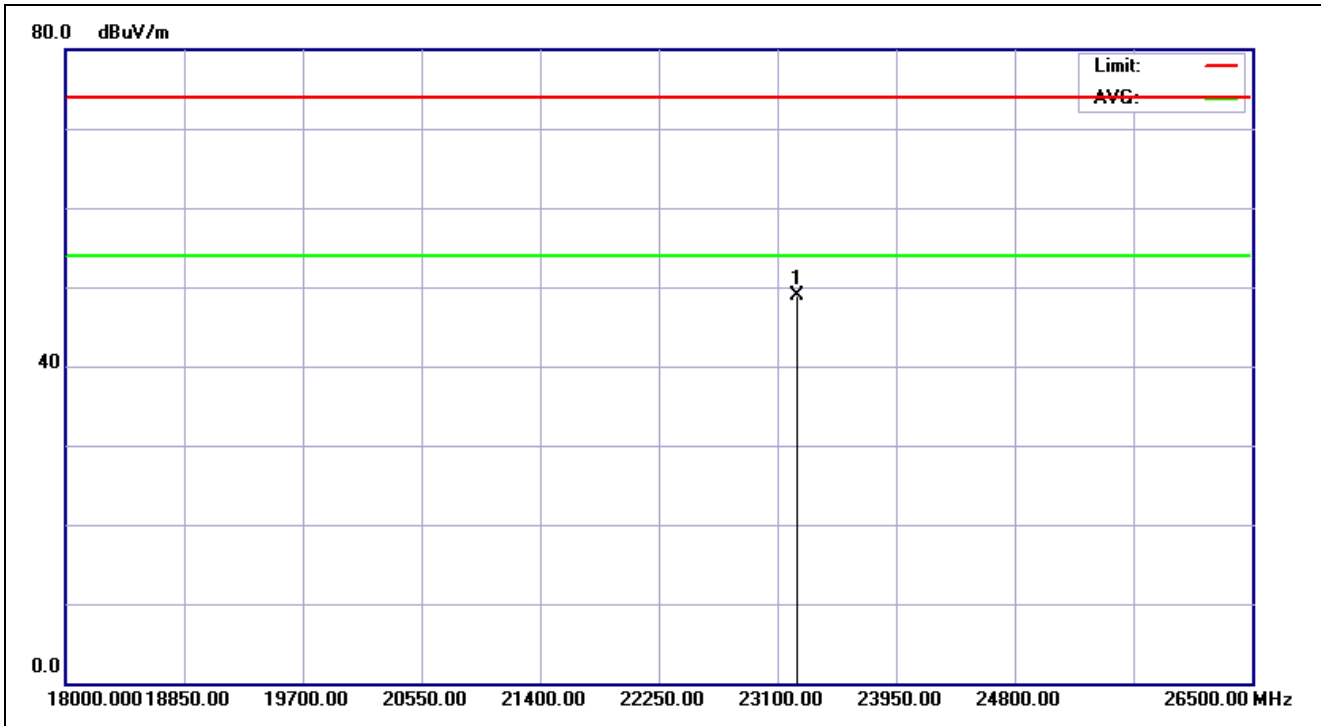
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21133.013	29.55	19.64	49.19	74.00	-24.81	peak			



<b>Service No.:</b>	<b>114009544-BT</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>2013/9/9 10:07:50</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2480</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	21064.904	29.56	18.49	48.05	74.00	-25.95	peak			





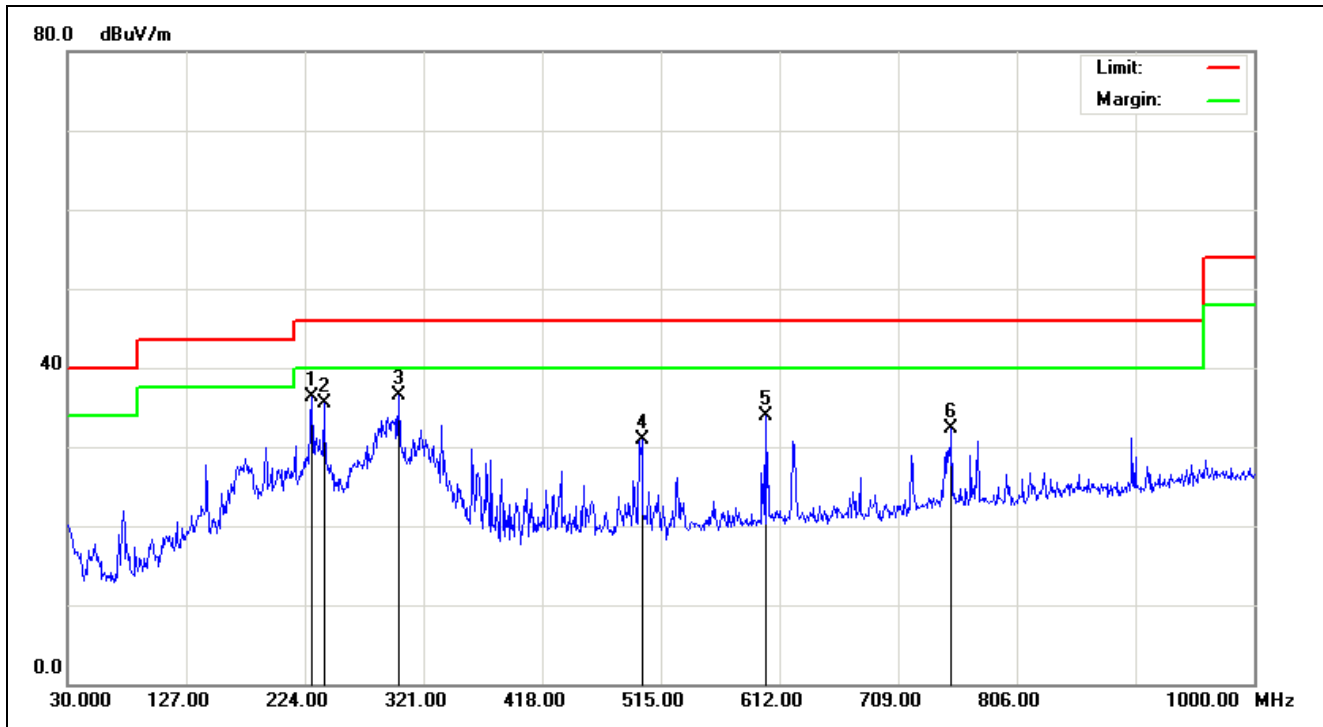
<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/9 10:08:00</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-2480</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	23244.391	30.19	18.65	48.84	74.00	-25.16	peak			

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

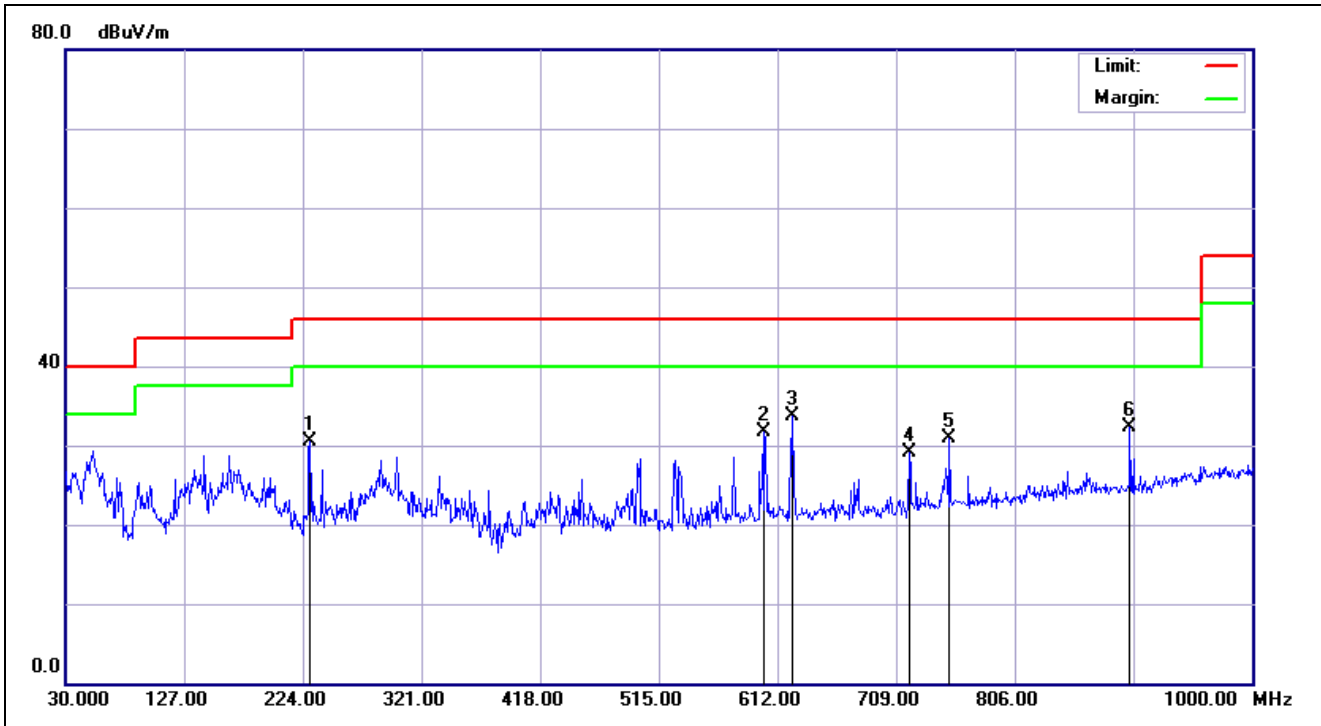


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<b>Service No.:</b>	114009544-BT	<b>Test Distance:</b>	3M
<b>Test Standard:</b>	FCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2013/9/4 14:02:51
<b>Applicant:</b>	Trans	<b>Test Rating:</b>	AC 120V/60Hz
<b>Product:</b>	Bluetooth music reciver	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/53%
<b>Model No.:</b>	BTR-1000	<b>Test Engineer:</b>	Hugo Chang
<b>Test Mode:</b>			
<b>Remark:</b>			

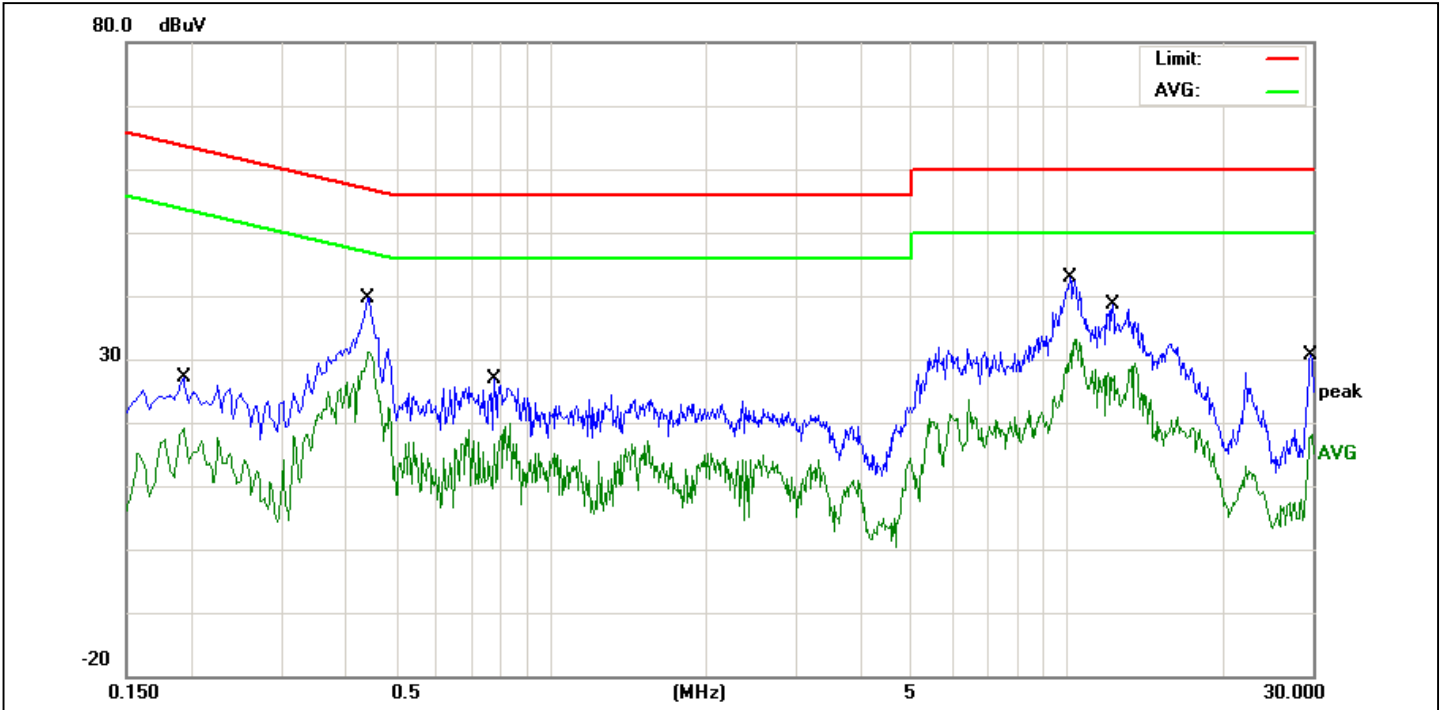
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	229.8199	-15.16	51.39	36.23	46.00	-9.77	QP	100	169	
2	239.5200	-14.34	49.87	35.53	46.00	-10.47	QP	100	182	
3	300.6299	-11.97	48.54	36.57	46.00	-9.43	QP	100	212	
4	499.4800	-8.61	39.47	30.86	46.00	-15.14	QP	100	43	
5	600.3600	-7.17	41.05	33.88	46.00	-12.12	QP	400	239	
6	752.6499	-4.97	37.33	32.36	46.00	-13.64	QP	100	278	



<b>Service No.:</b>	<b>114009544-BT</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/4 14:06:50</b>
<b>Applicant:</b>	<b>Trans</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Bluetooth music reciver</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/53%</b>
<b>Model No.:</b>	<b>BTR-1000</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>			
<b>Remark:</b>			

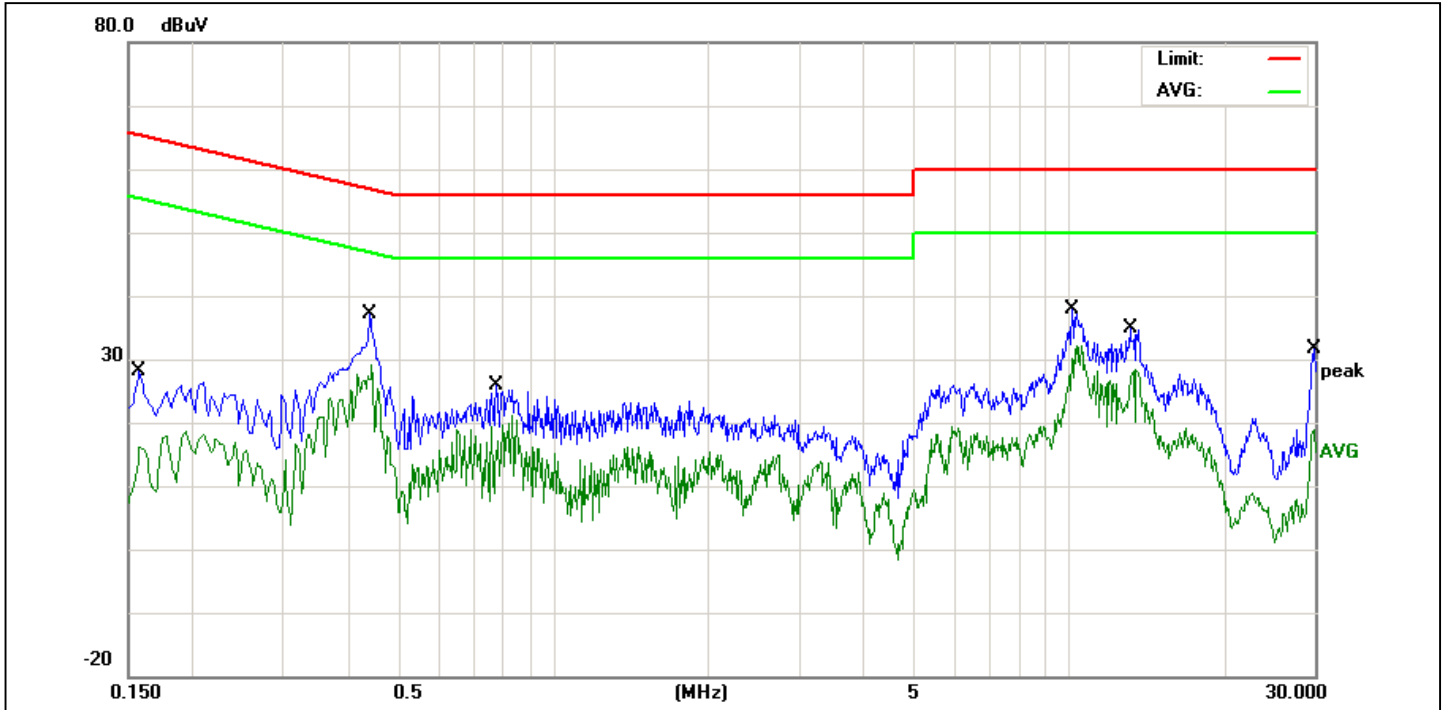
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	229.8200	-15.16	45.69	30.53	46.00	-15.47	QP	100	12	
2	600.3600	-7.17	38.95	31.78	46.00	-14.22	QP	100	196	
3	624.6100	-6.89	40.61	33.72	46.00	-12.28	QP	100	118	
4	719.6700	-5.68	34.88	29.20	46.00	-16.80	QP	100	194	
5	752.6500	-4.97	35.82	30.85	46.00	-15.15	QP	100	279	
6	900.0900	-2.98	35.33	32.35	46.00	-13.65	QP	100	196	

# Mains Spurious Emissions



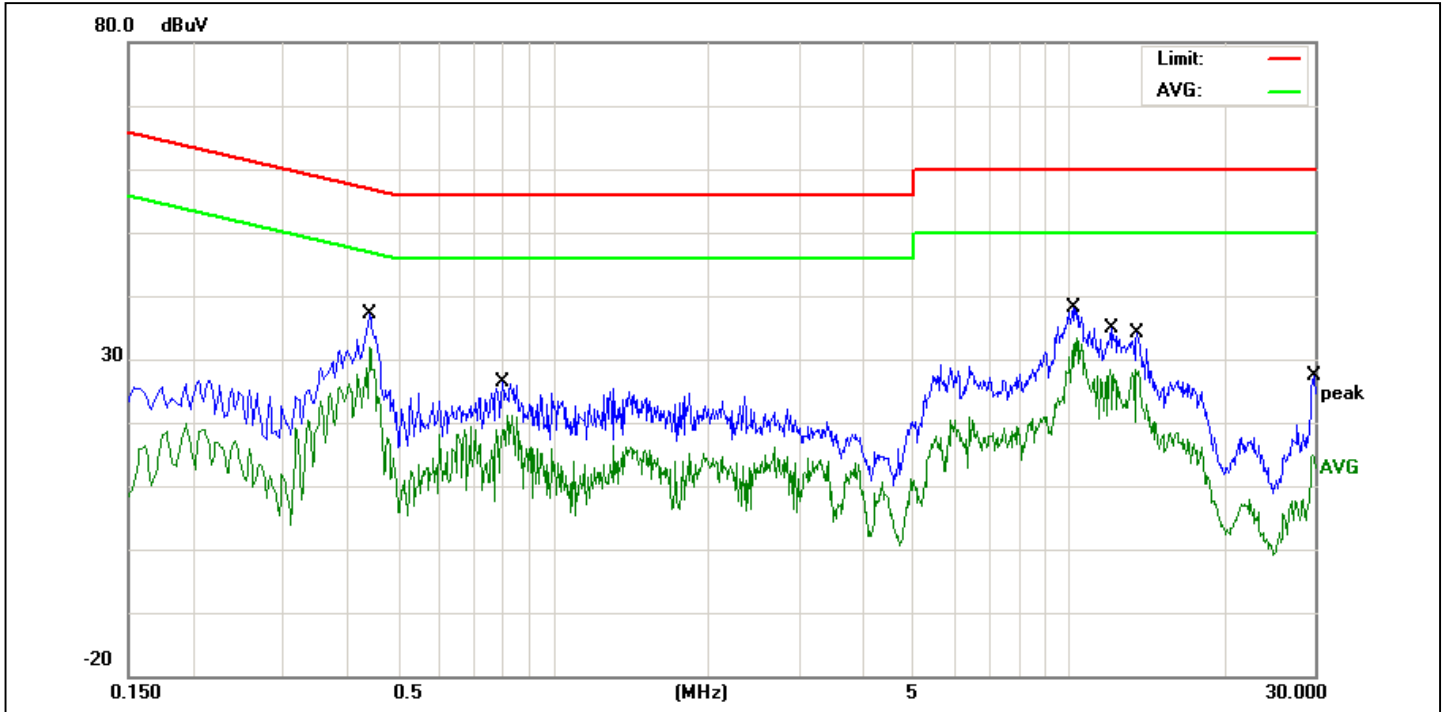
Service No.: 114009544  
 Test Standard: CISPR22 Class B Conduction  
 Test item: Conducted Emission Phase: L1  
 Applicant: Trans Temp.(°C)/Hum.(%): 27.9(°C) / 64 %  
 Product: Bluetooth music receiver Power Rating: AC 120V/60Hz  
 Model No.: BTR-1000 Test Engineer: Freeman Wang  
 Test Mode: Normal operation with audio port  
 Remark:

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1940	0.16	23.81	23.97	63.86	-39.89	QP	P	
2	0.1940	0.16	17.33	17.49	53.86	-36.37	AVG	P	
3	0.4420	0.17	38.16	38.33	57.02	-18.69	QP	P	
4	0.4420	0.17	29.93	30.10	47.02	-16.92	AVG	P	
5	0.7780	0.19	24.76	24.95	56.00	-31.05	QP	P	
6	0.7780	0.19	15.31	15.50	46.00	-30.50	AVG	P	
7	10.1380	0.45	39.70	40.15	60.00	-19.85	QP	P	
8	10.1380	0.45	30.50	30.95	50.00	-19.05	AVG	P	
9	12.2860	0.48	33.92	34.40	60.00	-25.60	QP	P	
10	12.2860	0.48	26.01	26.49	50.00	-23.51	AVG	P	
11	29.8060	0.88	23.62	24.50	60.00	-35.50	QP	P	
12	29.8060	0.88	15.80	16.68	50.00	-33.32	AVG	P	



Service No.: 114009544  
 Test Standard: CISPR22 Class B Conduction  
 Test item: Conducted Emission  
 Applicant: Trans  
 Product: Bluetooth music receiver  
 Model No.: BTR-1000  
 Phase: N  
 Temp.(°C)/Hum.(%): 27.9(°C) / 64 %  
 Power Rating: AC 120V/60Hz  
 Test Engineer: Freeman Wang  
 Test Mode: Normal operation with audio port  
 Remark:

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1580	0.14	22.28	22.42	65.56	-43.14	QP	P	
2	0.1580	0.14	15.77	15.91	55.56	-39.65	AVG	P	
3	0.4420	0.12	33.96	34.08	57.02	-22.94	QP	P	
4	0.4420	0.12	28.35	28.47	47.02	-18.55	AVG	P	
5	0.7780	0.13	23.64	23.77	56.00	-32.23	QP	P	
6	0.7780	0.13	16.07	16.20	46.00	-29.80	AVG	P	
7	10.1380	0.35	34.06	34.41	60.00	-25.59	QP	P	
8	10.1380	0.35	28.52	28.87	50.00	-21.13	AVG	P	
9	13.1460	0.41	30.55	30.96	60.00	-29.04	QP	P	
10	13.1460	0.41	25.32	25.73	50.00	-24.27	AVG	P	
11	29.9380	0.80	23.84	24.64	60.00	-35.36	QP	P	
12	29.9380	0.80	17.41	18.21	50.00	-31.79	AVG	P	



Service No.: 114009544

Test Standard: CISPR22 Class B Conduction

Test item: Conducted Emission

Phase: N

Applicant: Trans

Temp.(°C)/Hum.(%): 27.9(°C) / 64 %

Product: Bluetooth music receiver

Power Rating: AC 120V/60Hz

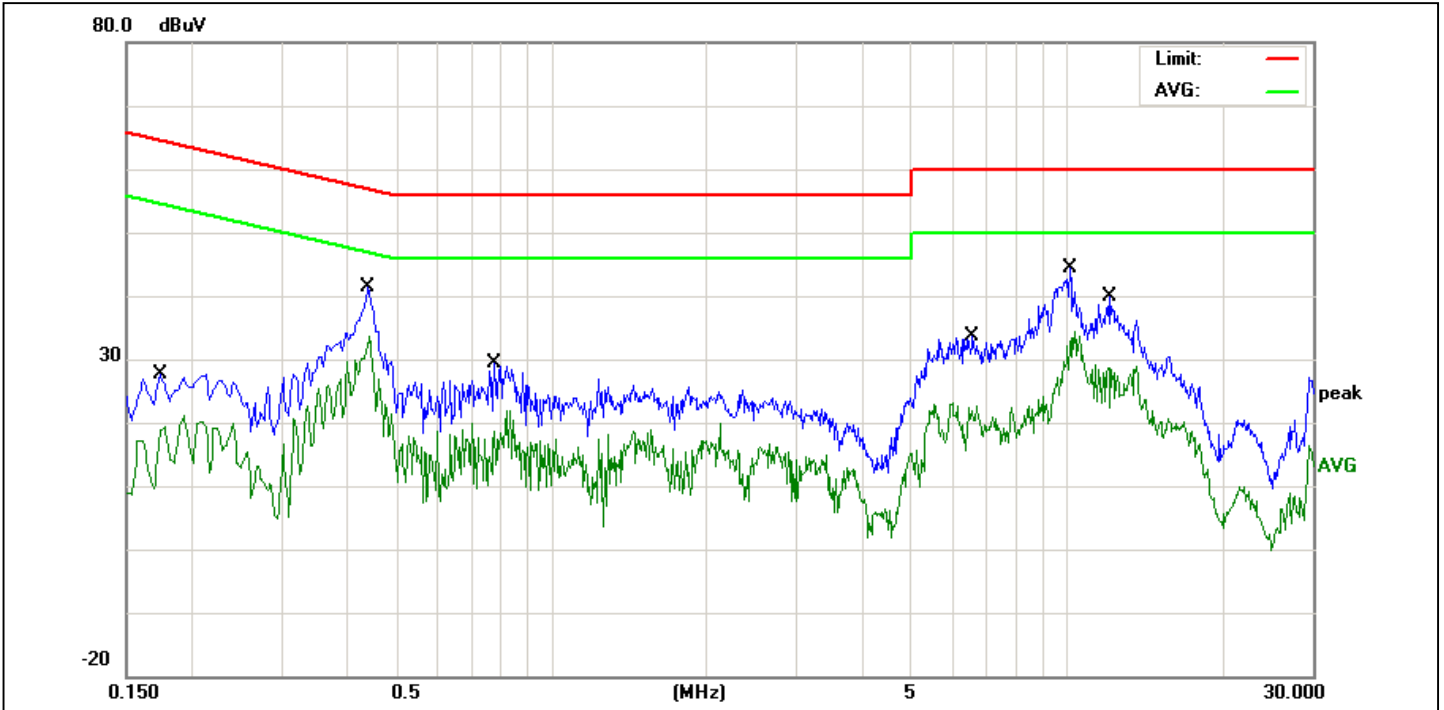
Model No.: BTR-1000

Test Engineer: Freeman Wang

Test Mode: Normal operation with audio to RCA port

Remark:

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.4420	0.12	35.42	35.54	57.02	-21.48	QP	P	
2	0.4420	0.12	28.97	29.09	47.02	-17.93	AVG	P	
3	0.7980	0.13	23.62	23.75	56.00	-32.25	QP	P	
4	0.7980	0.13	18.69	18.82	46.00	-27.18	AVG	P	
5	10.2219	0.35	34.96	35.31	60.00	-24.69	QP	P	
6	10.2219	0.35	31.39	31.74	50.00	-18.26	AVG	P	
7	12.1139	0.38	29.57	29.95	60.00	-30.05	QP	P	
8	12.1139	0.38	25.36	25.74	50.00	-24.26	AVG	P	
9	13.5739	0.42	29.43	29.85	60.00	-30.15	QP	P	
10	13.5739	0.42	26.35	26.77	50.00	-23.23	AVG	P	
11	29.9820	0.80	19.43	20.23	60.00	-39.77	QP	P	
12	29.9820	0.80	11.41	12.21	50.00	-37.79	AVG	P	



Service No.: 114009544

Test Standard: CISPR22 Class B Conduction

Test item: Conducted Emission

Phase: L1

Applicant: Trans

Temp.(°C)/Hum.(%): 27.9(°C) / 64 %

Product: Bluetooth music receiver

Power Rating: AC 120V/60Hz

Model No.: BTR-1000

Test Engineer: Freeman Wang

Test Mode: Normal operation with audio to RCA port

Remark:

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1740	0.17	22.99	23.16	64.76	-41.60	QP	P	
2	0.1740	0.17	17.66	17.83	54.76	-36.93	AVG	P	
3	0.4420	0.17	39.13	39.30	57.02	-17.72	QP	P	
4	0.4420	0.17	30.71	30.88	47.02	-16.14	AVG	P	
5	0.7780	0.19	26.98	27.17	56.00	-28.83	QP	P	
6	0.7780	0.19	17.17	17.36	46.00	-28.64	AVG	P	
7	6.5660	0.36	28.02	28.38	60.00	-31.62	QP	P	
8	6.5660	0.36	19.78	20.14	50.00	-29.86	AVG	P	
9	10.1380	0.45	38.05	38.50	60.00	-21.50	QP	P	
10	10.1380	0.45	30.60	31.05	50.00	-18.95	AVG	P	
11	12.1100	0.47	34.39	34.86	60.00	-25.14	QP	P	
12	12.1100	0.47	27.97	28.44	50.00	-21.56	AVG	P	