

# Test Report No.10043355 001

## Appendix D: Radiated Spurious Emission Data

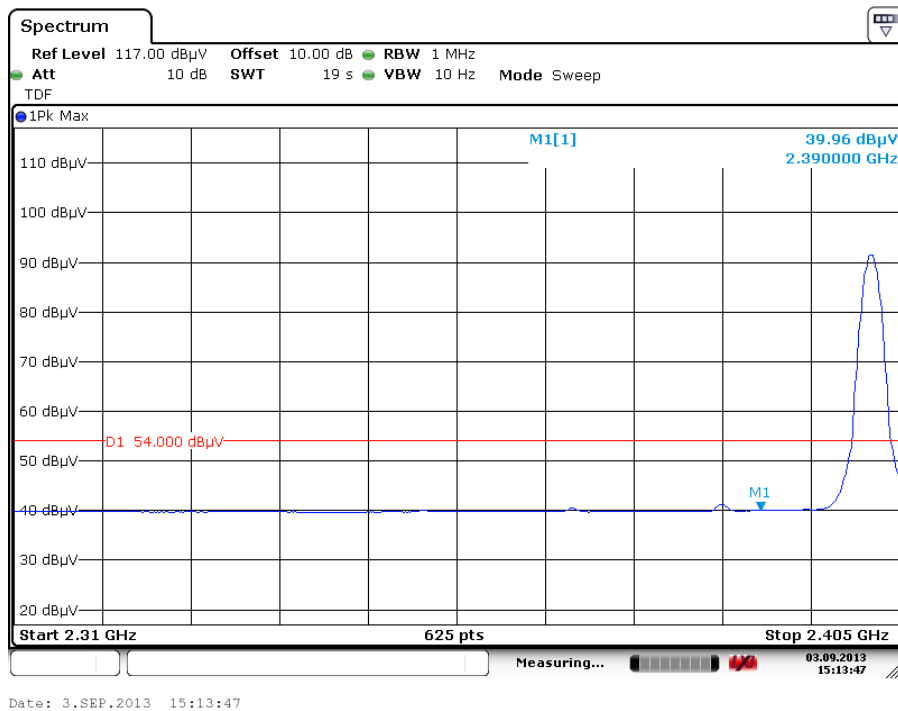
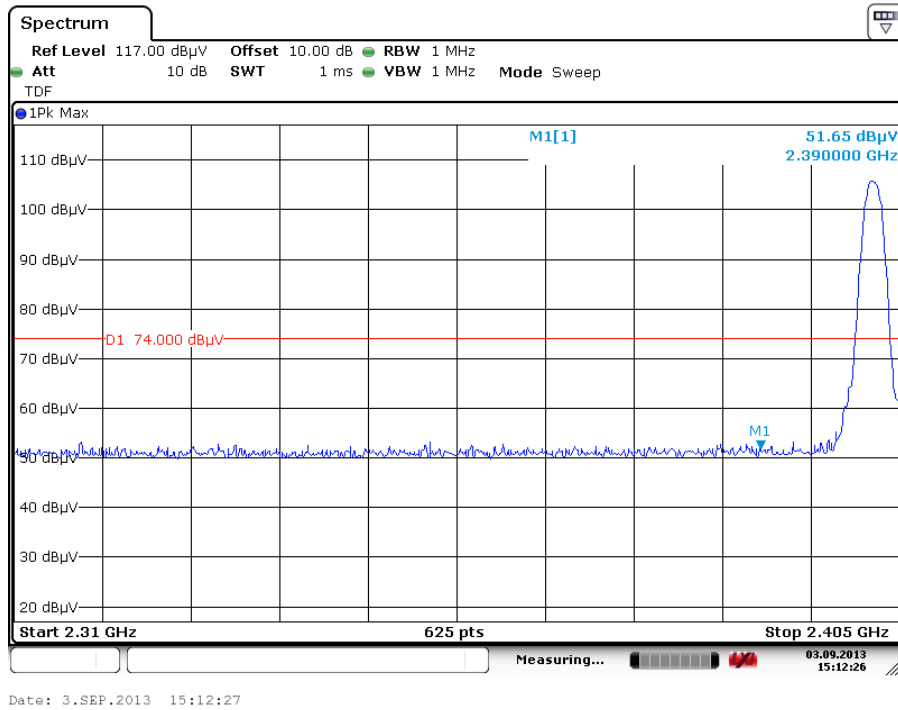
(File: 10043355AppendixD)

### Contents

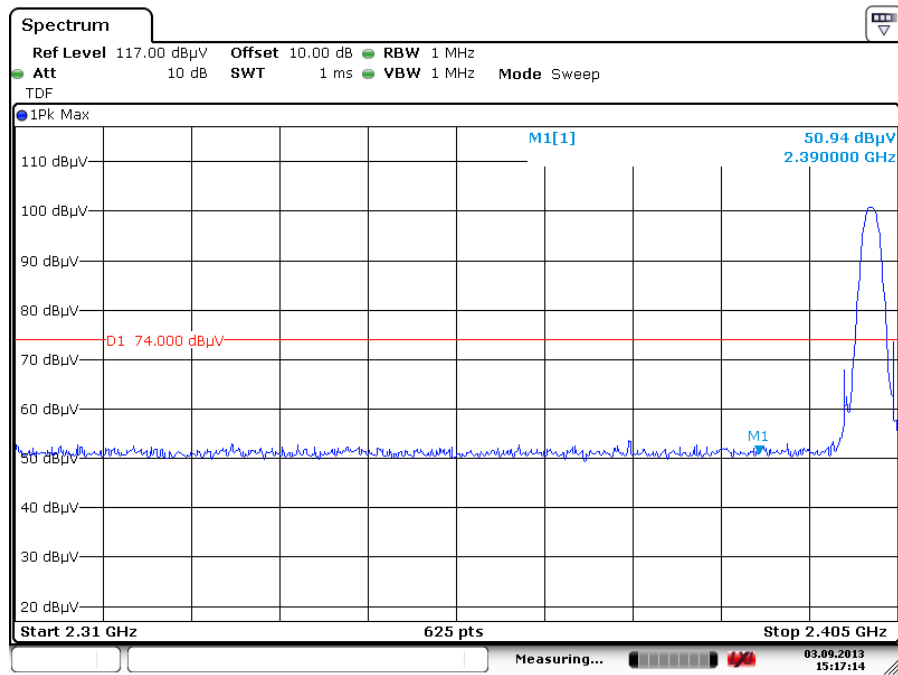
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# Radiated Bandedge (GFSK)

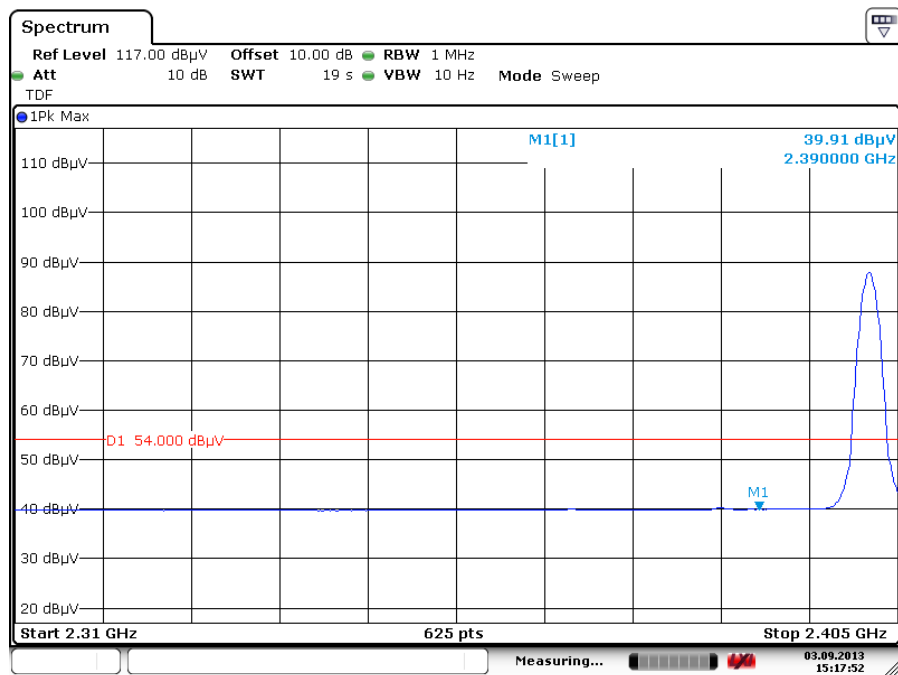
Low Channel (Hor)



## Low Channel (Ver)



Date: 3.SEP.2013 15:17:15

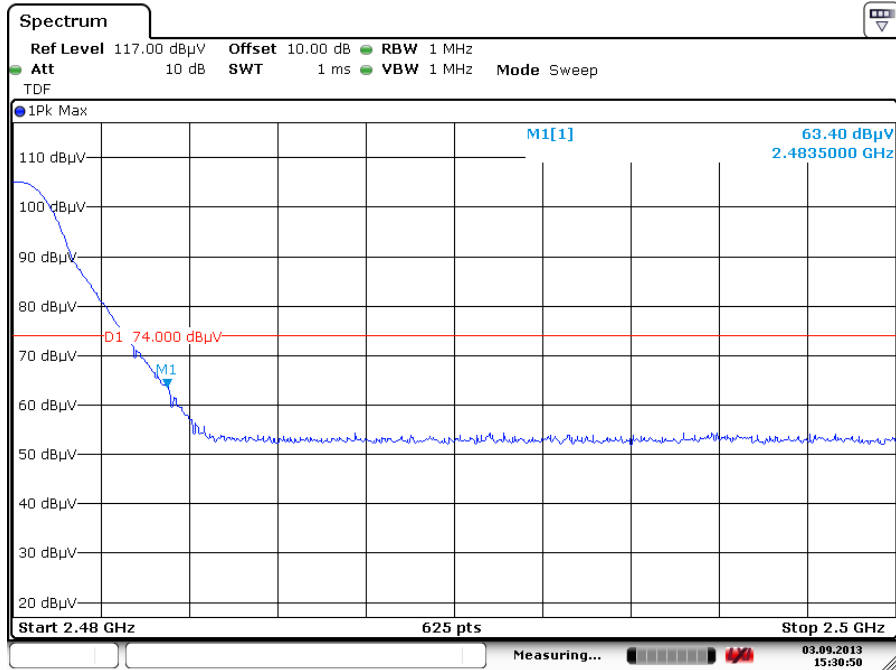


Date: 3.SEP.2013 15:17:52

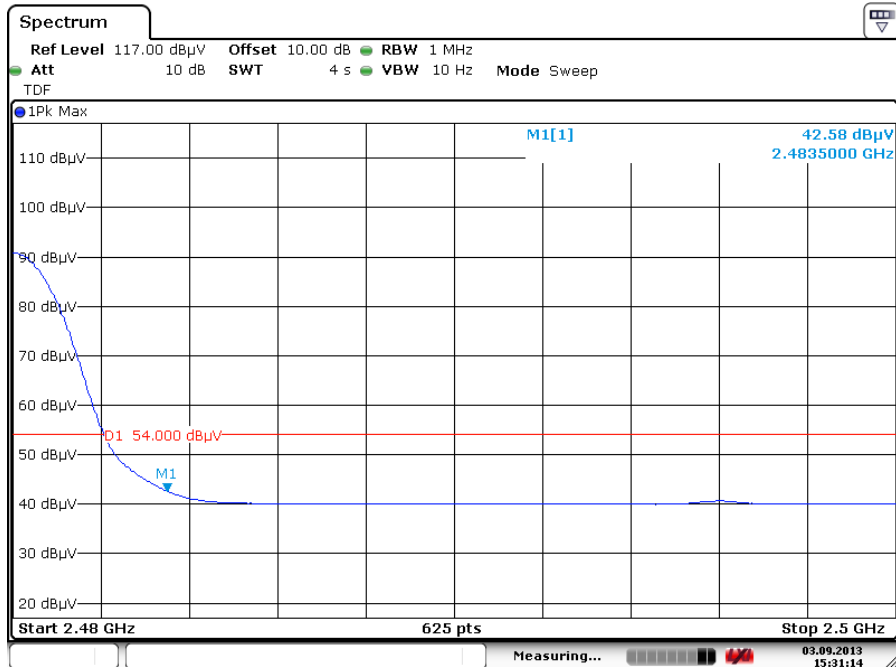
## Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (GFSK)

## High Channel (Hor)



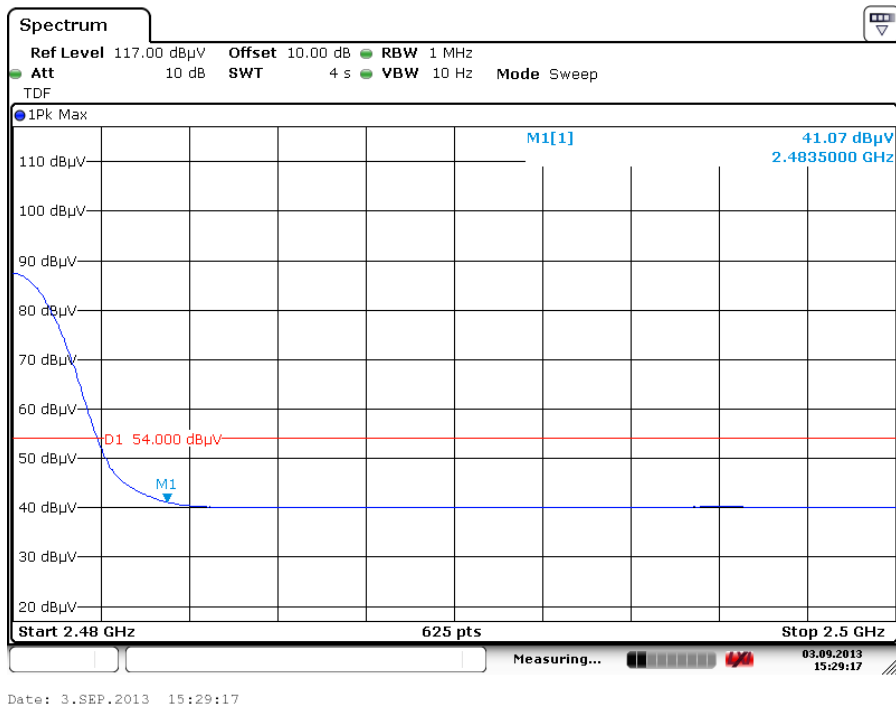
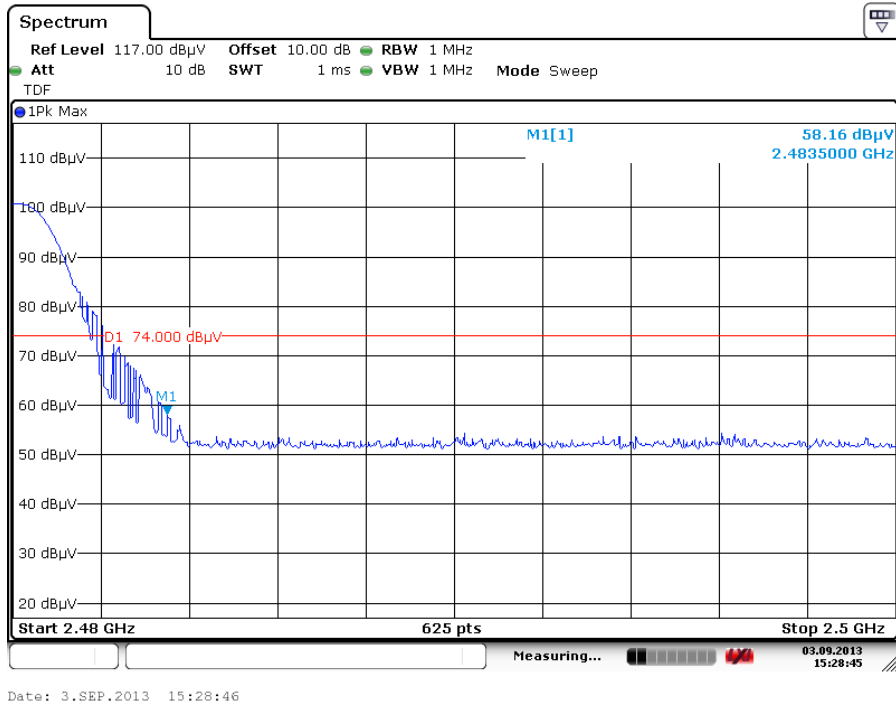
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## Spurious Emissions, Band Edge, 2.35-2.5G

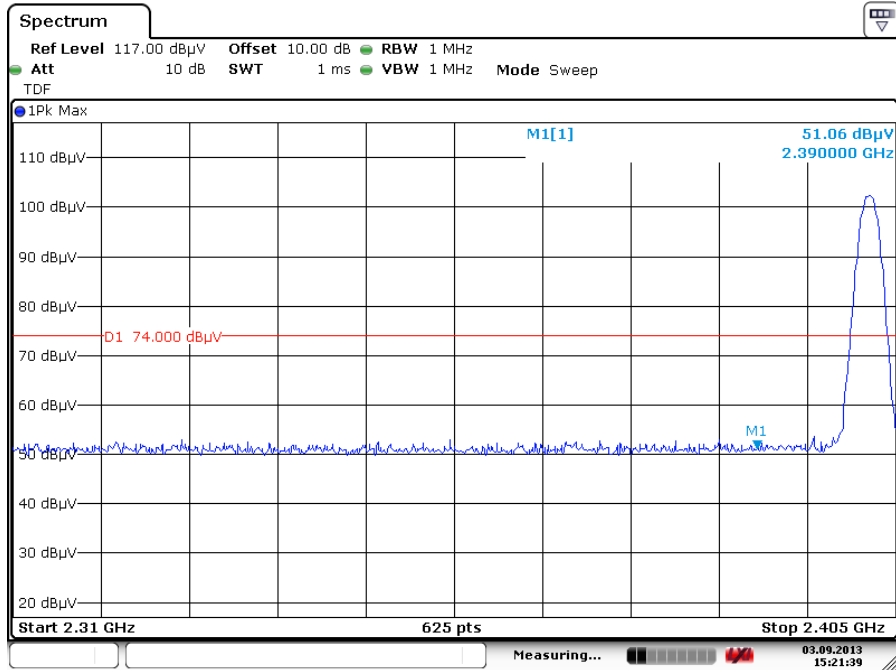
# High Channel (Ver)



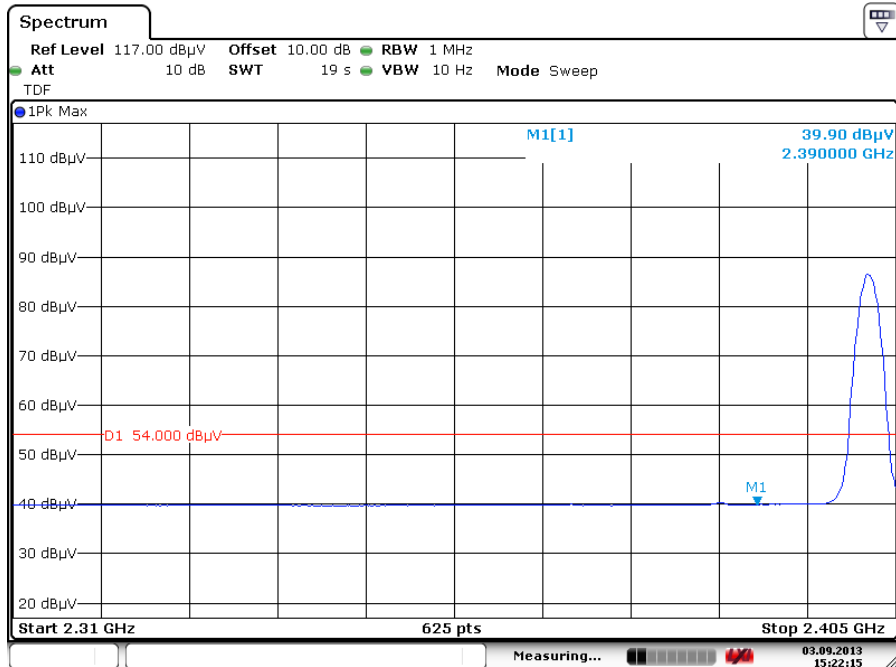
## Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (8DPSK)

## Low Channel (Hor)



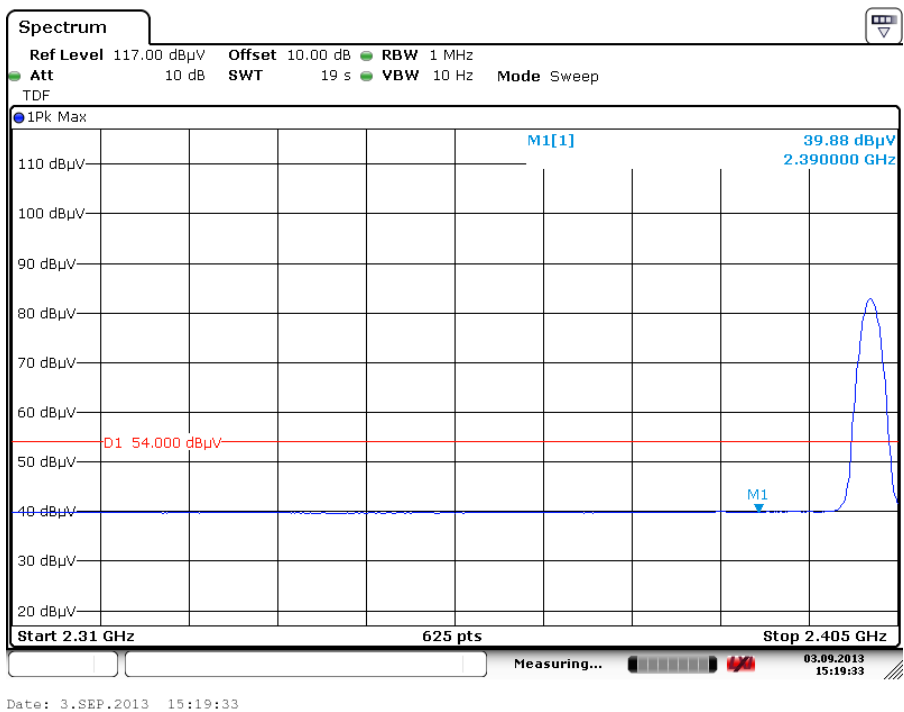
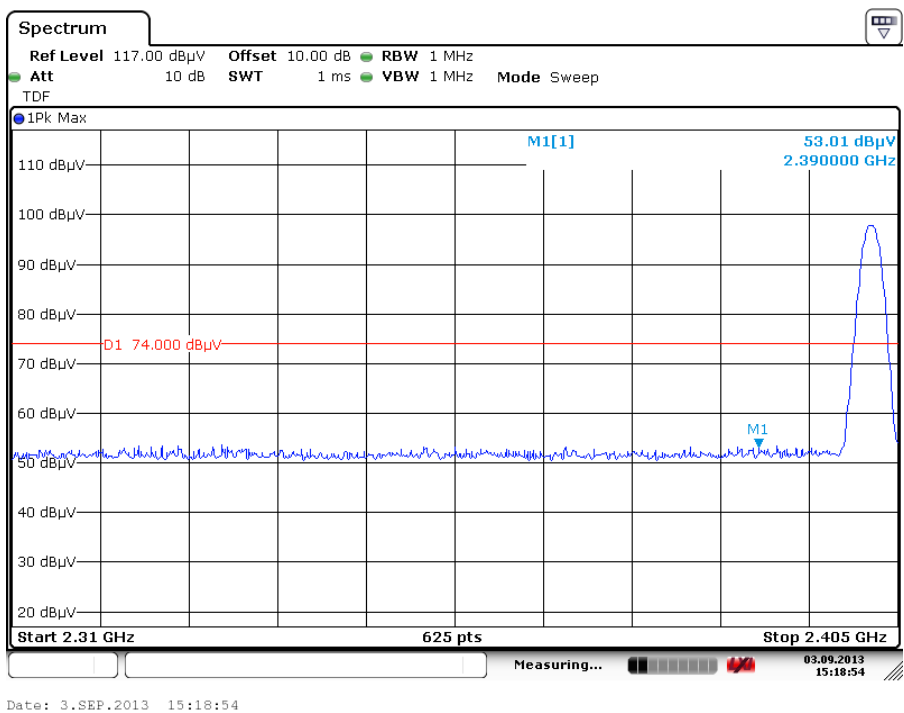
Date: 3.SEP.2013 15:21:39



Date: 3.SEP.2013 15:22:16

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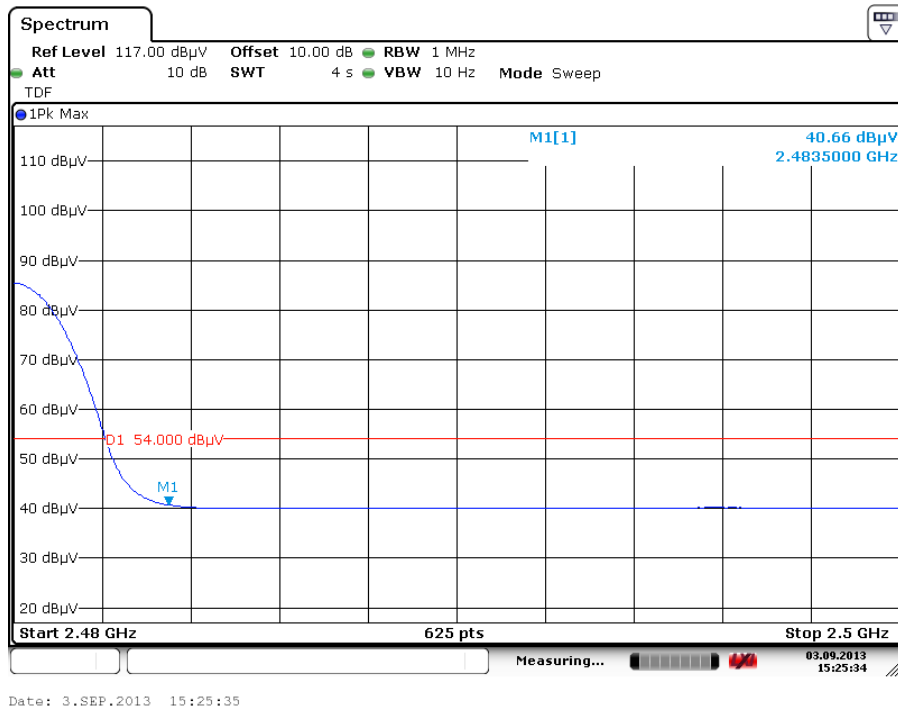
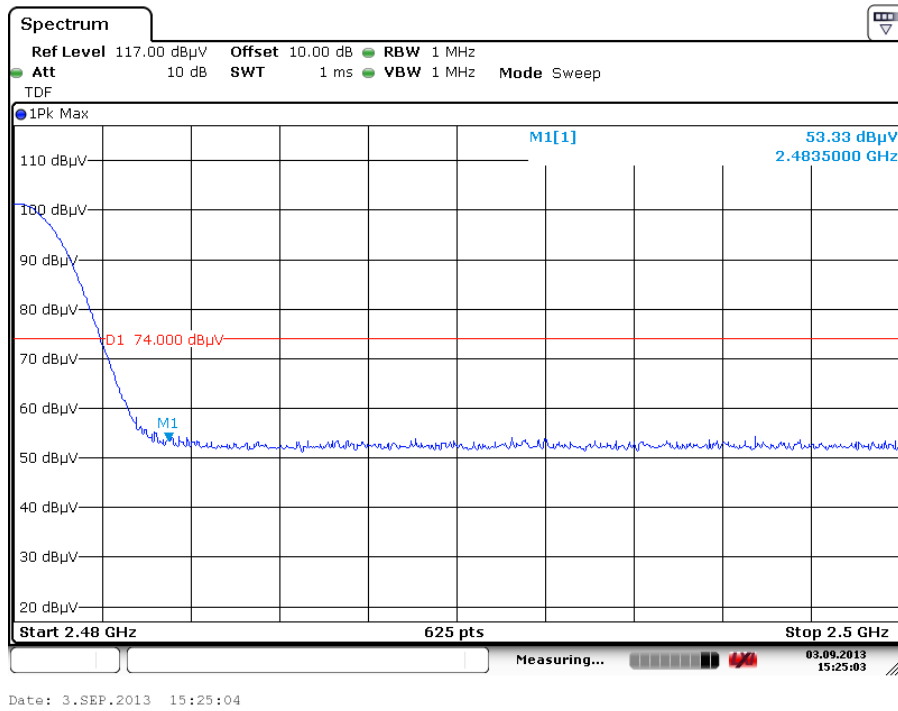
# Low Channel (Ver)



# Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (8DPSK)

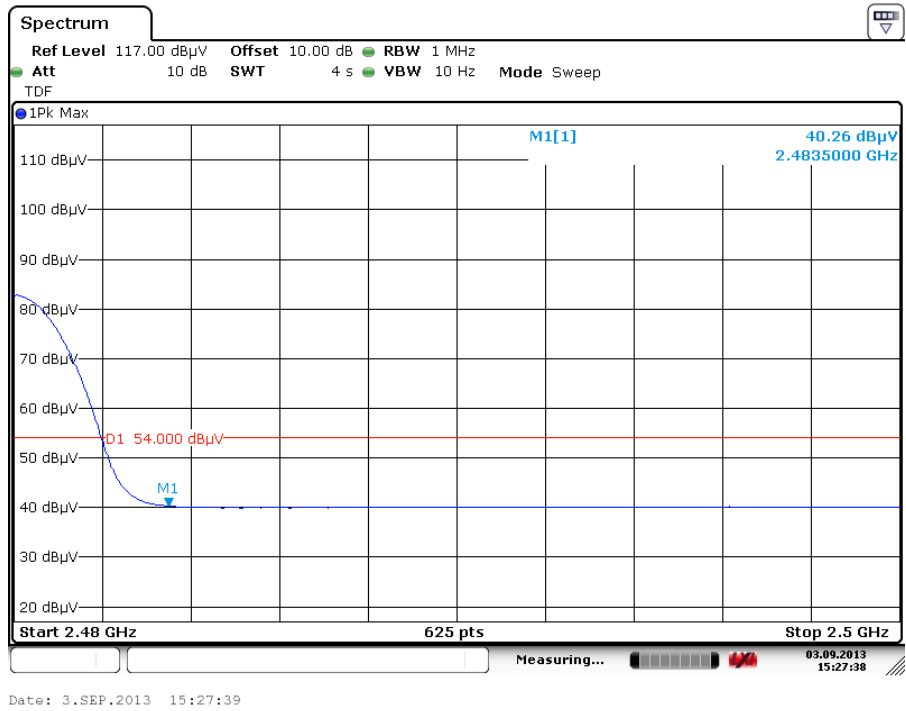
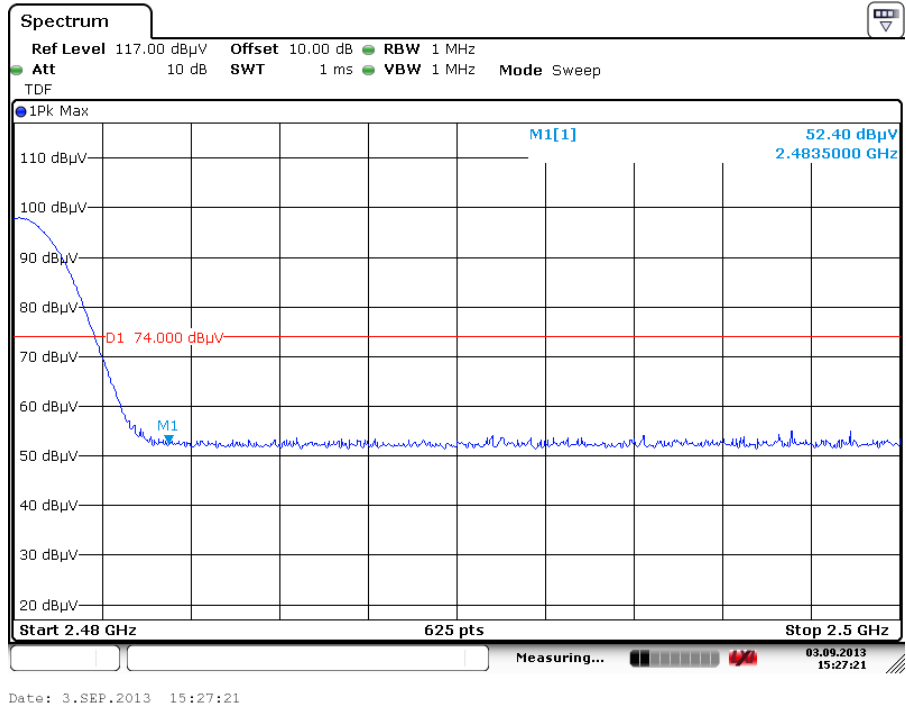
## High Channel (Hor)



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



# High Channel (Ver)

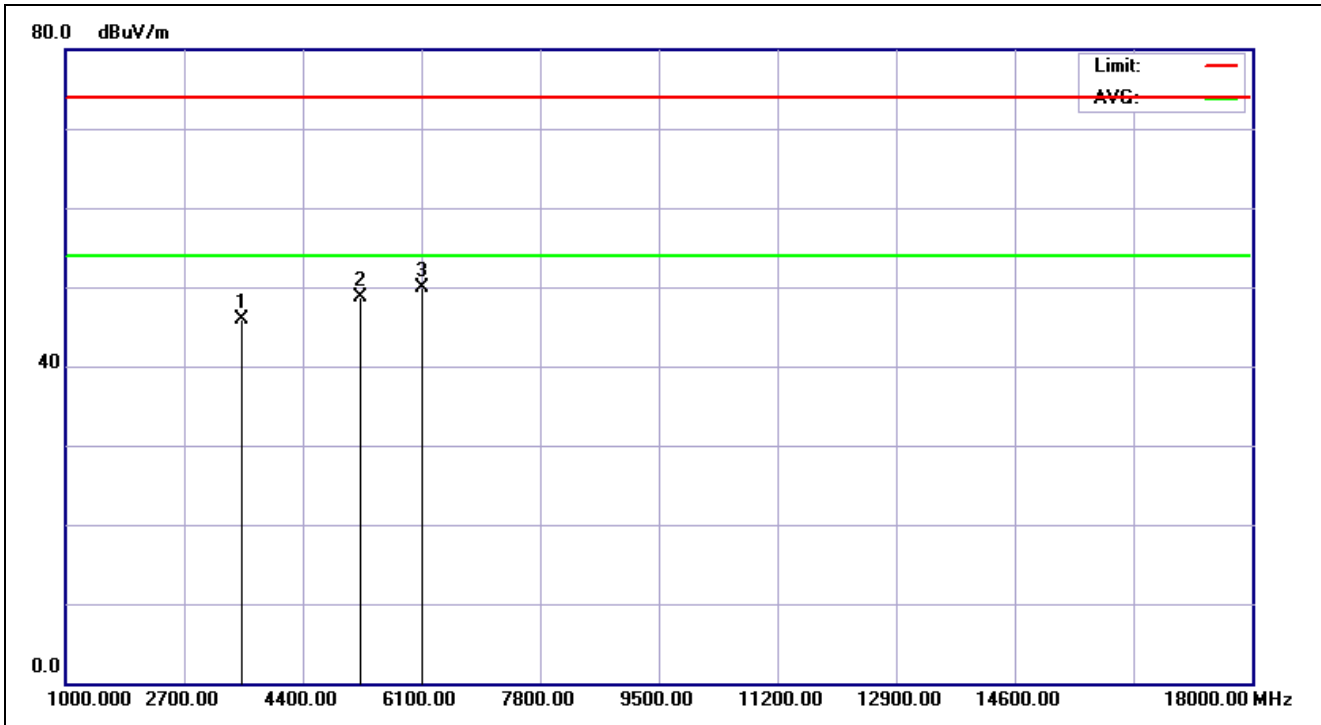


## Spurious Emissions, Band Edge, 2.35-2.5G

# Spurious Emissions, TX Mode, 1-18G

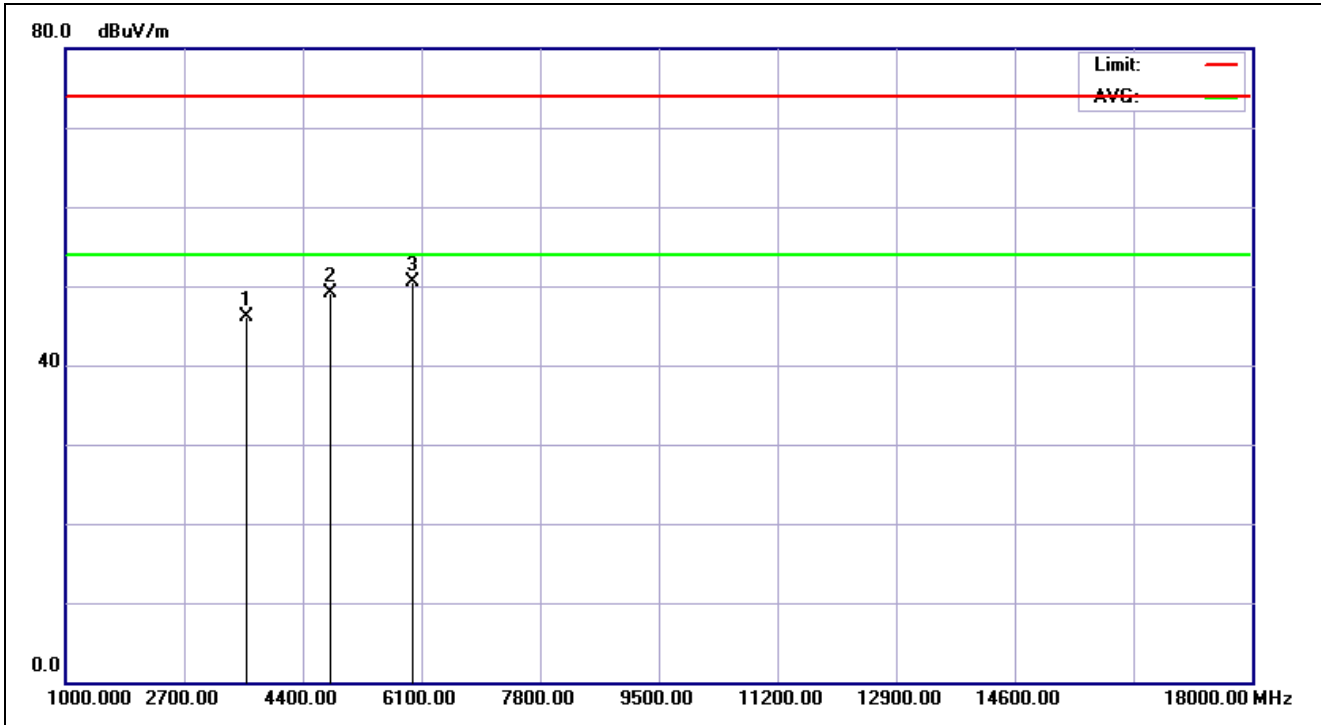


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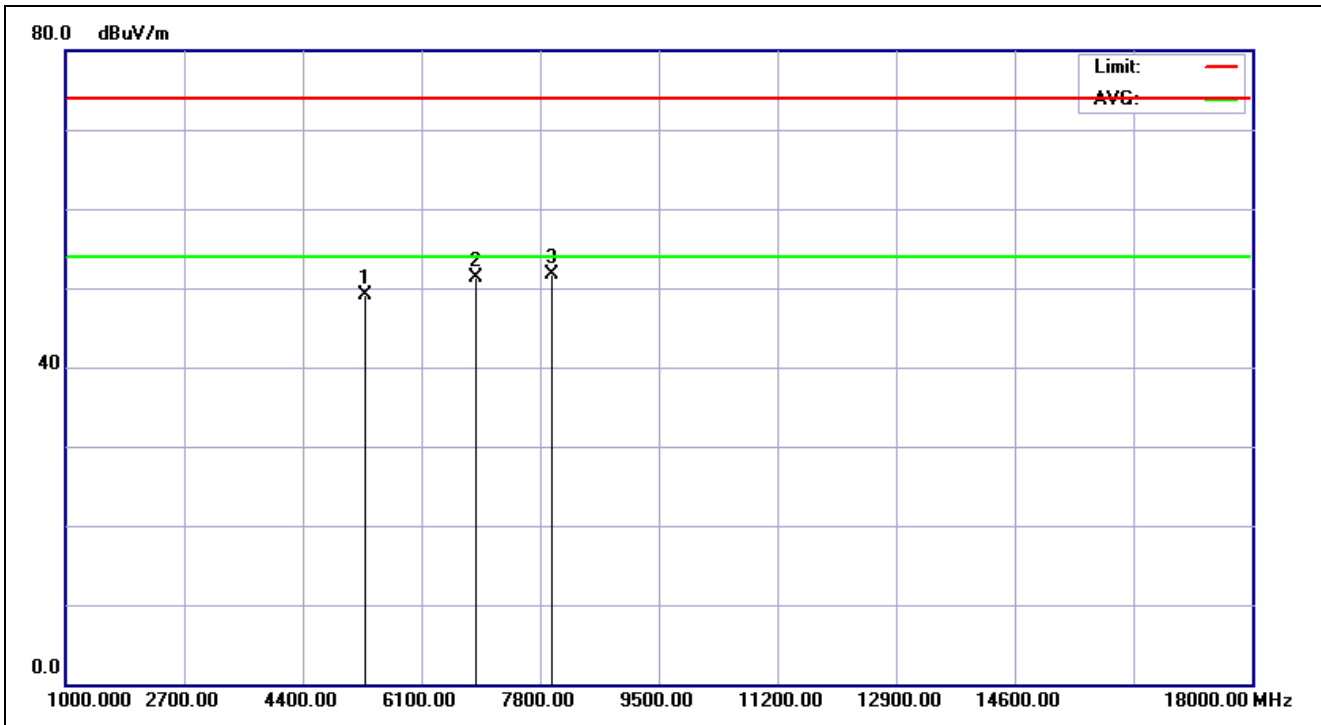
<b>Service No.:</b>	114010205-BM87-NEW	<b>Test Distance:</b>	3M
<b>Test Standard:</b>	FCC above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2013/9/2 20:39:50
<b>Applicant:</b>	ISSC	<b>Test Rating:</b>	DC 3.3V
<b>Product:</b>	Bluetooth Shielded Module	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/56%
<b>Model No.:</b>	BM87SPPS5	<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	3533.654	-5.84	51.72	45.88	74.00	-28.12	peak	100	238	
2	5222.756	-1.14	49.88	48.74	74.00	-25.26	peak	100	115	
3	6121.795	4.11	45.79	49.90	74.00	-24.10	peak	100	32	



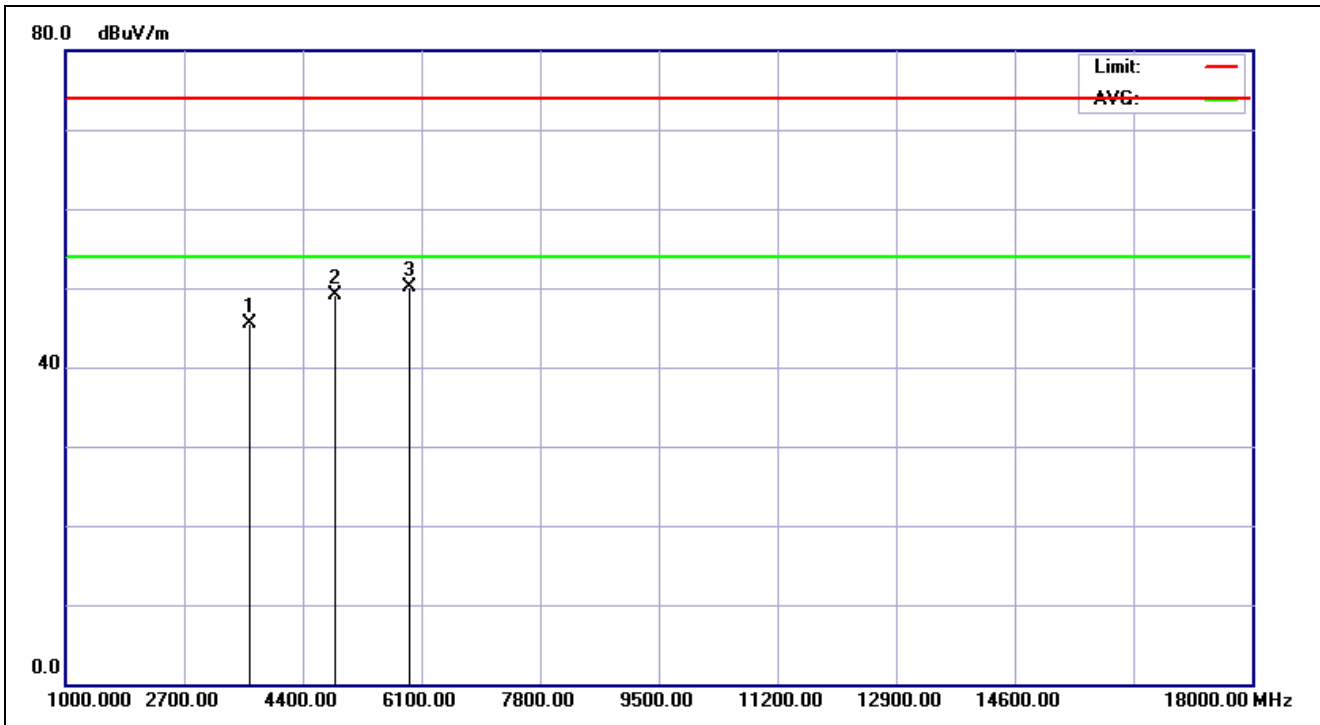
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/9/2 20:40:51
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	BT-2402		
Remark:			

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	51.96	46.17	74.00	-27.83	peak	100	0	
2	4786.859	-2.80	51.96	49.16	74.00	-24.84	peak	100	118	
3	5985.577	3.58	46.84	50.42	74.00	-23.58	peak	100	285	



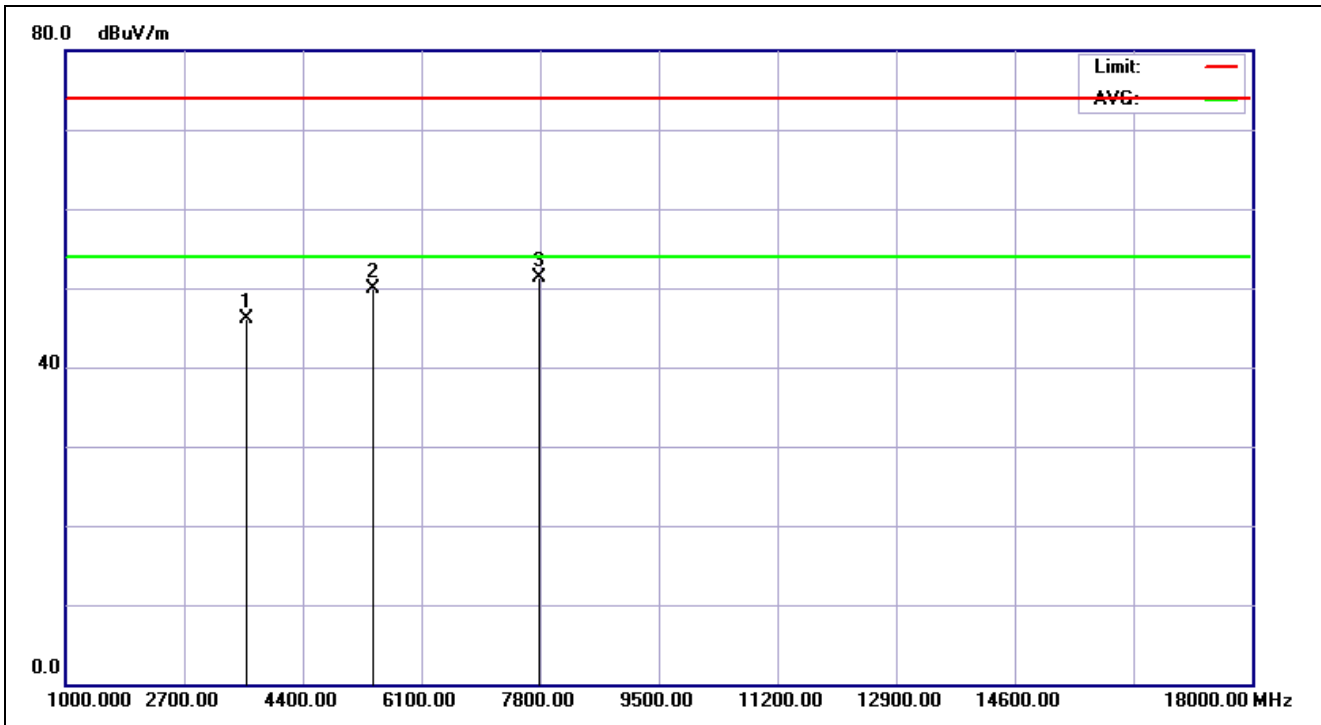
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/9/2 20:43:17
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5304.487	-0.73	49.93	49.20	74.00	-24.80	peak	100	290	
2	6884.615	4.98	46.25	51.23	74.00	-22.77	peak	100	76	
3	7974.359	5.99	45.64	51.63	74.00	-22.37	peak	100	234	



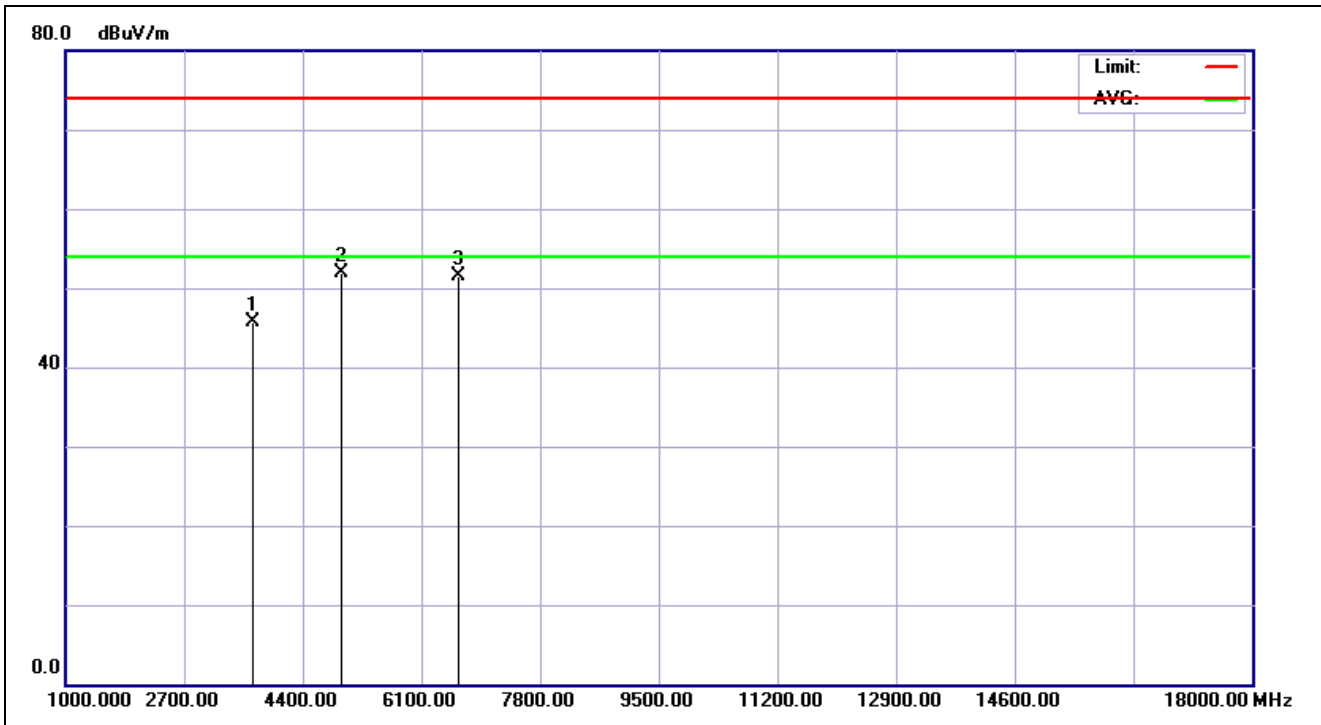
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/9/2 20:44:19
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3642.628	-5.76	51.30	45.54	74.00	-28.46	peak	100	126	
2	4868.590	-2.57	51.72	49.15	74.00	-24.85	peak	100	126	
3	5931.090	3.21	46.99	50.20	74.00	-23.80	peak	100	281	



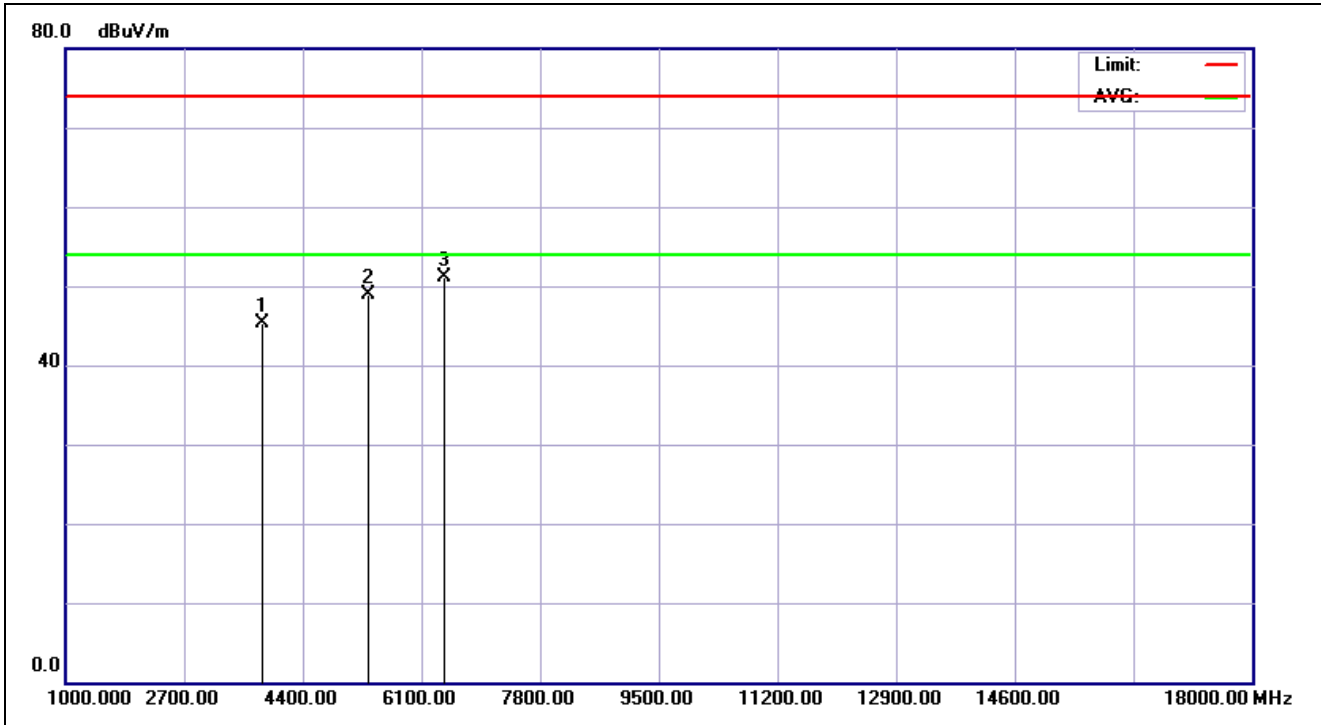
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/9/2 20:48:20
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

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	51.93	46.14	74.00	-27.86	peak	100	105	
2	5413.462	-0.20	50.09	49.89	74.00	-24.11	peak	100	118	
3	7783.654	6.09	45.18	51.27	74.00	-22.73	peak	100	59	



Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/9/2 20:49:21
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

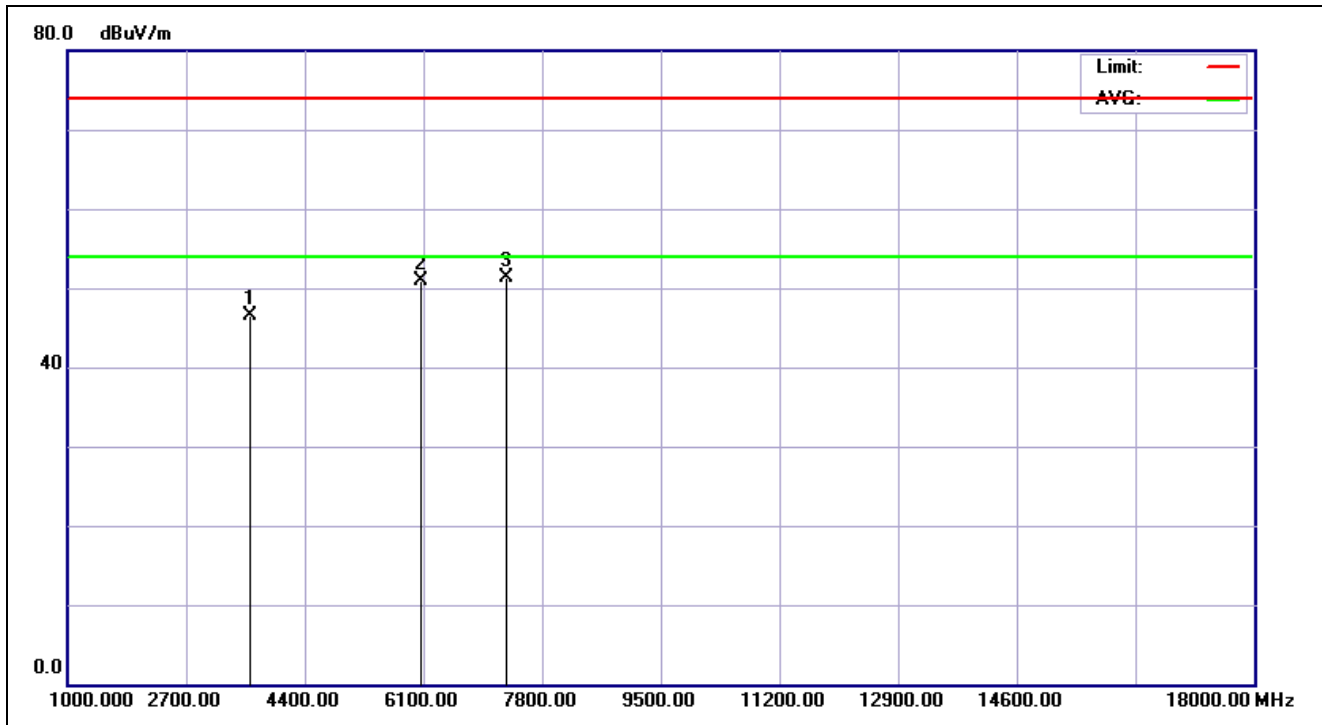
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3697.115	-5.71	51.44	45.73	74.00	-28.27	peak	100	360	
2	4950.320	-2.36	54.24	51.88	74.00	-22.12	peak	100	293	
3	6639.423	5.27	46.15	51.42	74.00	-22.58	peak	100	207	



Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/9/2 20:51:56
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

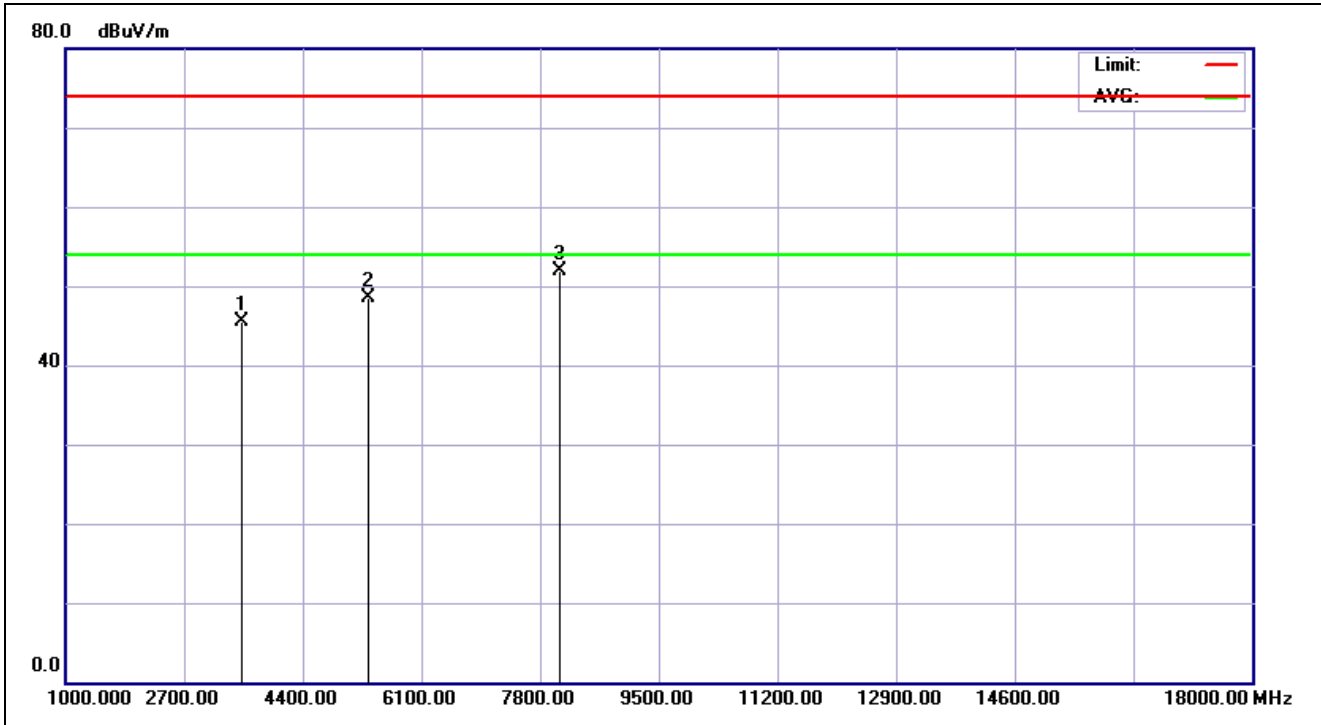
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3833.333	-5.61	50.82	45.21	74.00	-28.79	peak	100	46	
2	5331.731	-0.60	49.49	48.89	74.00	-25.11	peak	100	309	
3	6421.474	5.16	45.98	51.14	74.00	-22.86	peak	100	43	





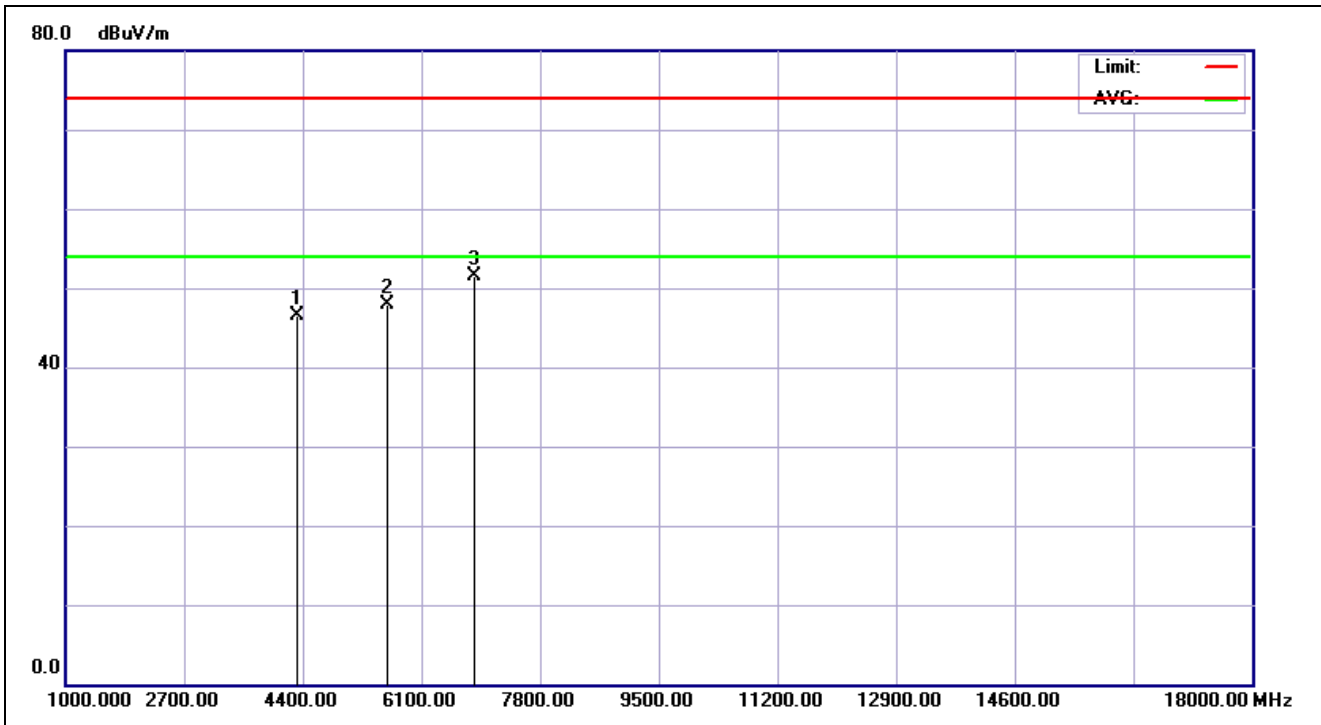
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/9/2 20:52:58
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3615.385	-5.77	52.35	46.58	74.00	-27.42	peak	100	178	
2	6067.308	3.91	46.93	50.84	74.00	-23.16	peak	100	129	
3	7293.269	5.67	45.70	51.37	74.00	-22.63	peak	100	78	



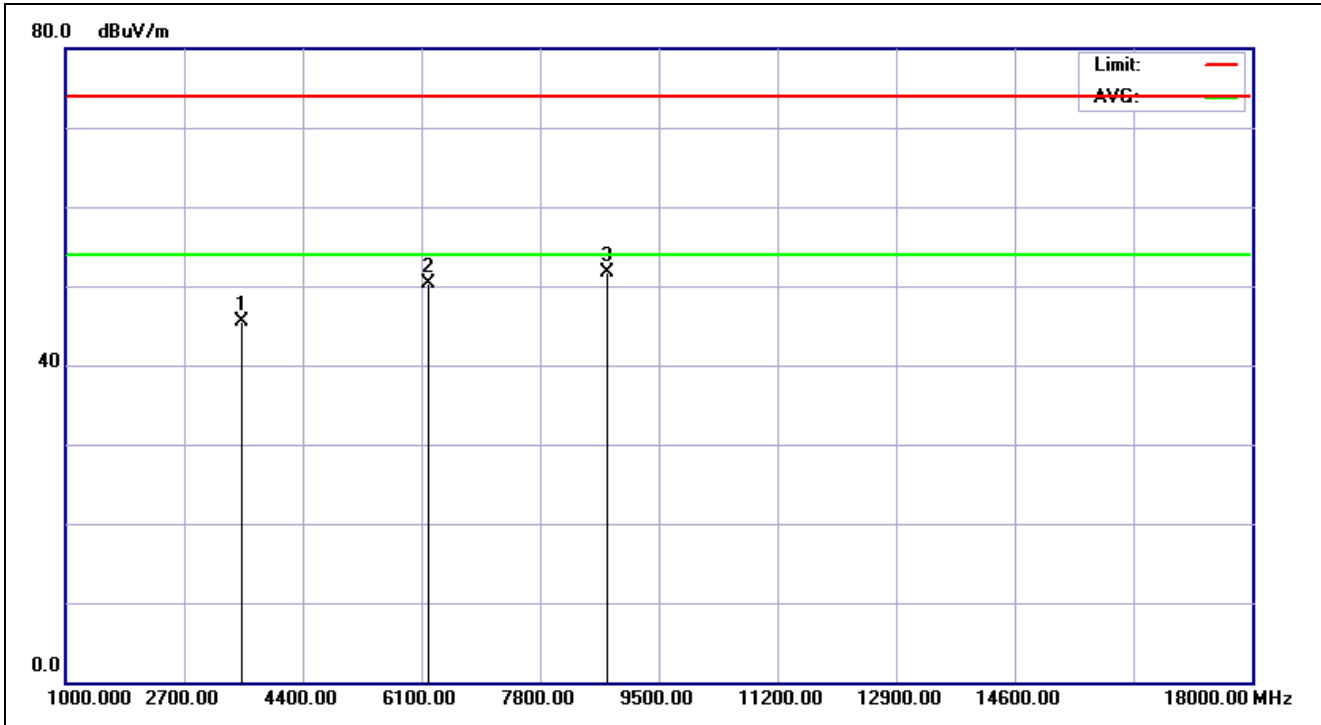
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/9/2 20:54:45
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3533.654	-5.84	51.42	45.58	74.00	-28.42	peak	100	252	
2	5331.731	-0.60	49.07	48.47	74.00	-25.53	peak	100	223	
3	8083.333	6.06	45.86	51.92	74.00	-22.08	peak	100	140	



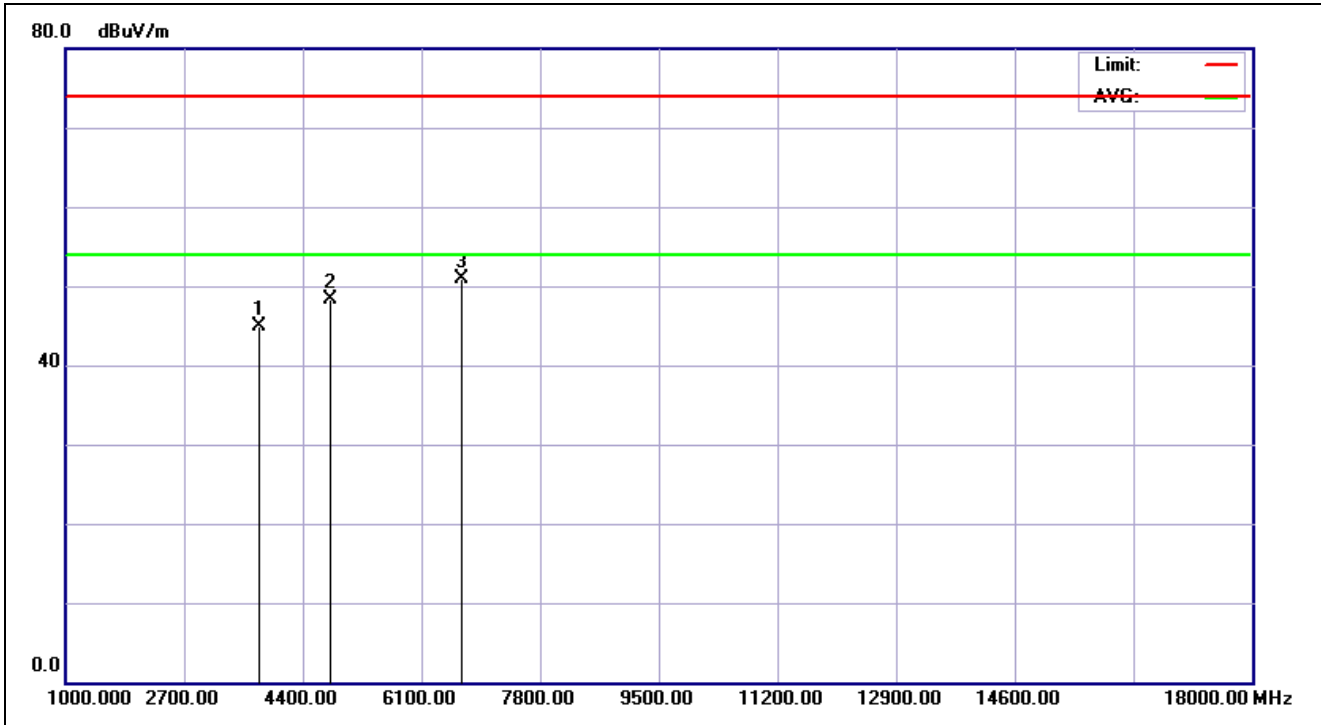
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/9/2 20:55:47
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4323.718	-4.22	50.77	46.55	74.00	-27.45	peak	100	357	
2	5604.167	0.96	47.04	48.00	74.00	-26.00	peak	100	153	
3	6857.372	5.01	46.46	51.47	74.00	-22.53	peak	100	247	



Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/9/2 20:58:55
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3533.654	-5.84	51.33	45.49	74.00	-28.51	peak	100	105	
2	6203.526	4.39	46.01	50.40	74.00	-23.60	peak	100	311	
3	8764.423	6.69	44.97	51.66	74.00	-22.34	peak	100	290	



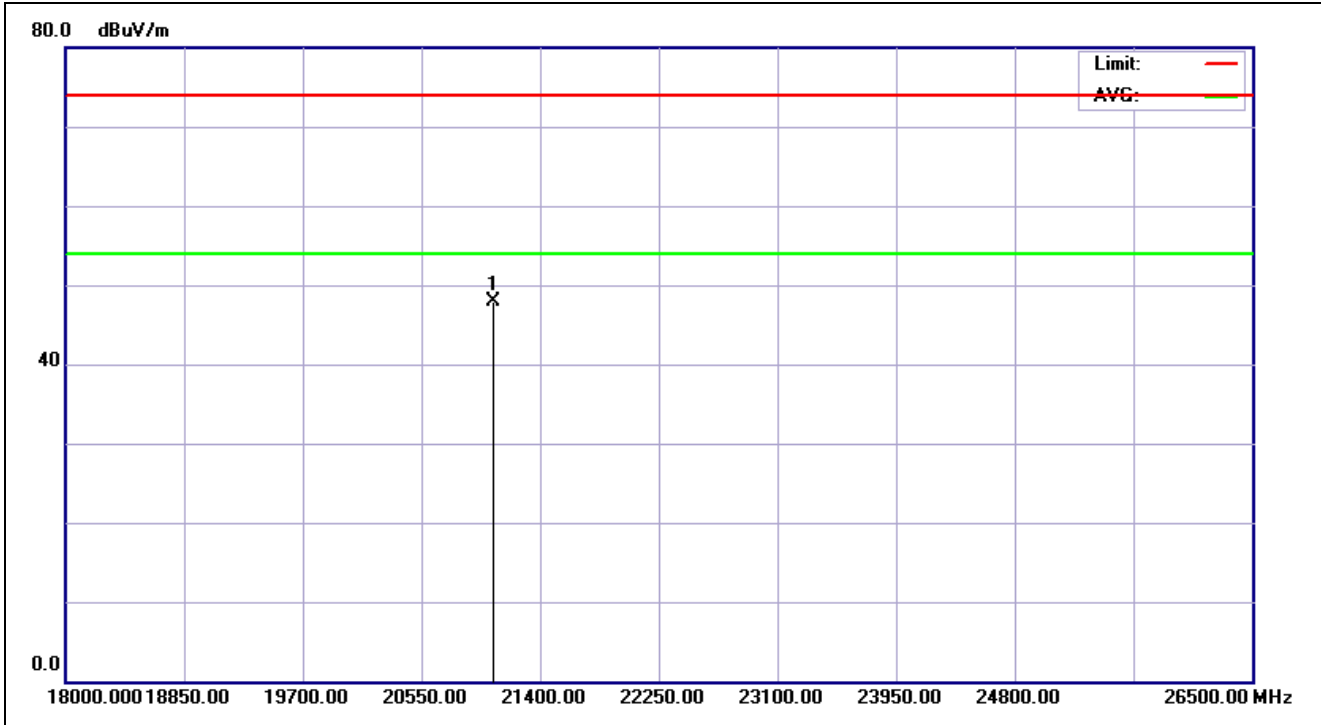
Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/9/2 20:59:56
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3778.846	-5.66	50.58	44.92	74.00	-29.08	peak	100	212	
2	4786.859	-2.80	51.20	48.40	74.00	-25.60	peak	100	277	
3	6666.667	5.24	45.59	50.83	74.00	-23.17	peak	100	91	

Spurious Emissions, TX Mode, 18-26G

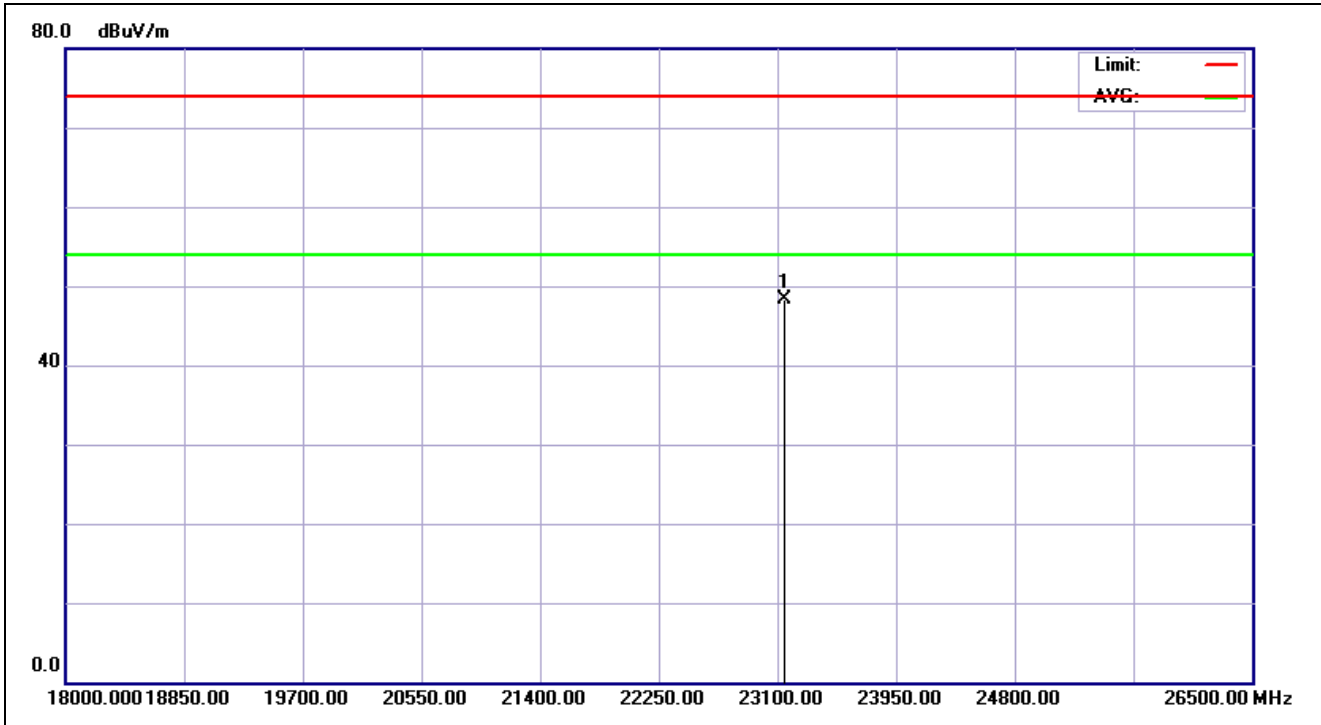


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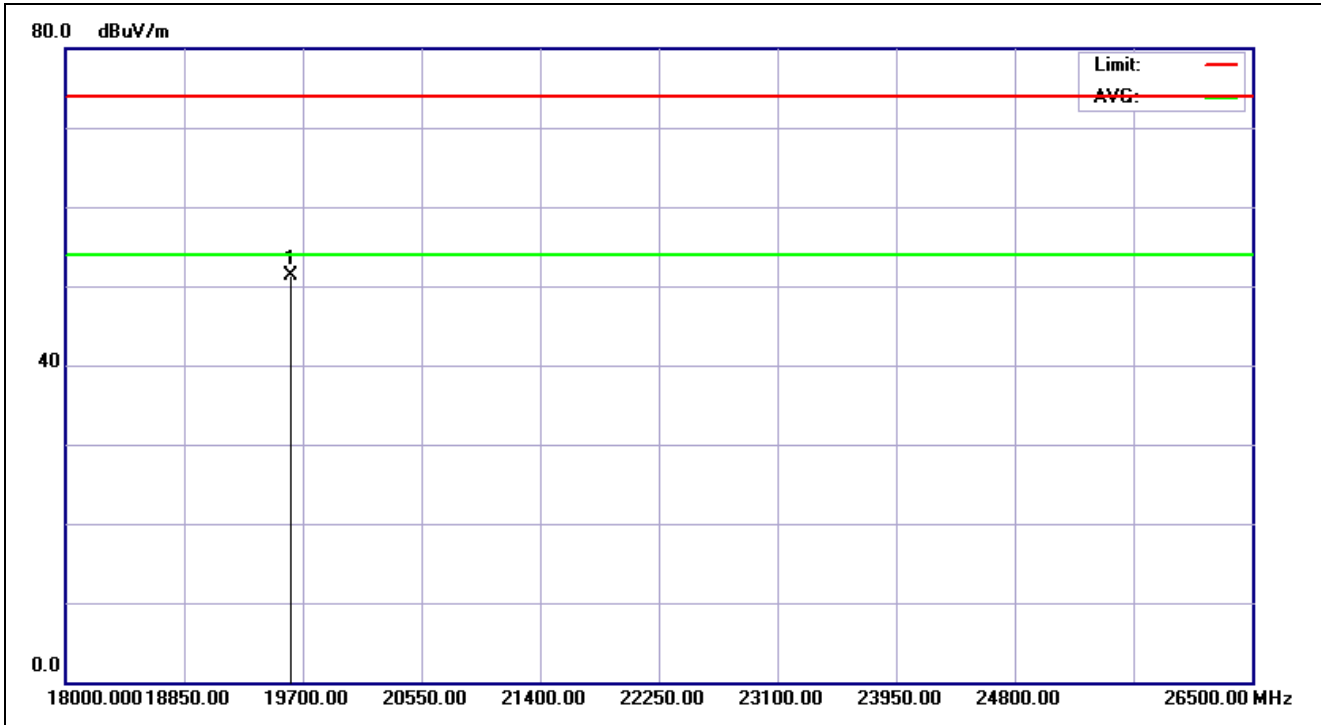
<b>Service No.:</b>	114010205-BM87	<b>Test Distance:</b>	3M
<b>Test Standard:</b>	FCC above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2013/9/3 16:01:11
<b>Applicant:</b>	ISSC	<b>Test Rating:</b>	DC 3.3V
<b>Product:</b>	Bluetooth Shielded Module	<b>Temp.(°C)/Hum.(%):</b>	25(°C)/44%
<b>Model No.:</b>	BM87SPPS5	<b>Test Engineer:</b>	Hugo Chang
<b>Test Mode:</b>	BT-CH2402		
<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	21062.710	29.56	18.39	47.95	74.00	-26.05	peak			



<b>Service No.:</b>	<b>114010205-BM87</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>2013/9/3 16:05:07</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-CH2402</b>		
<b>Remark:</b>			

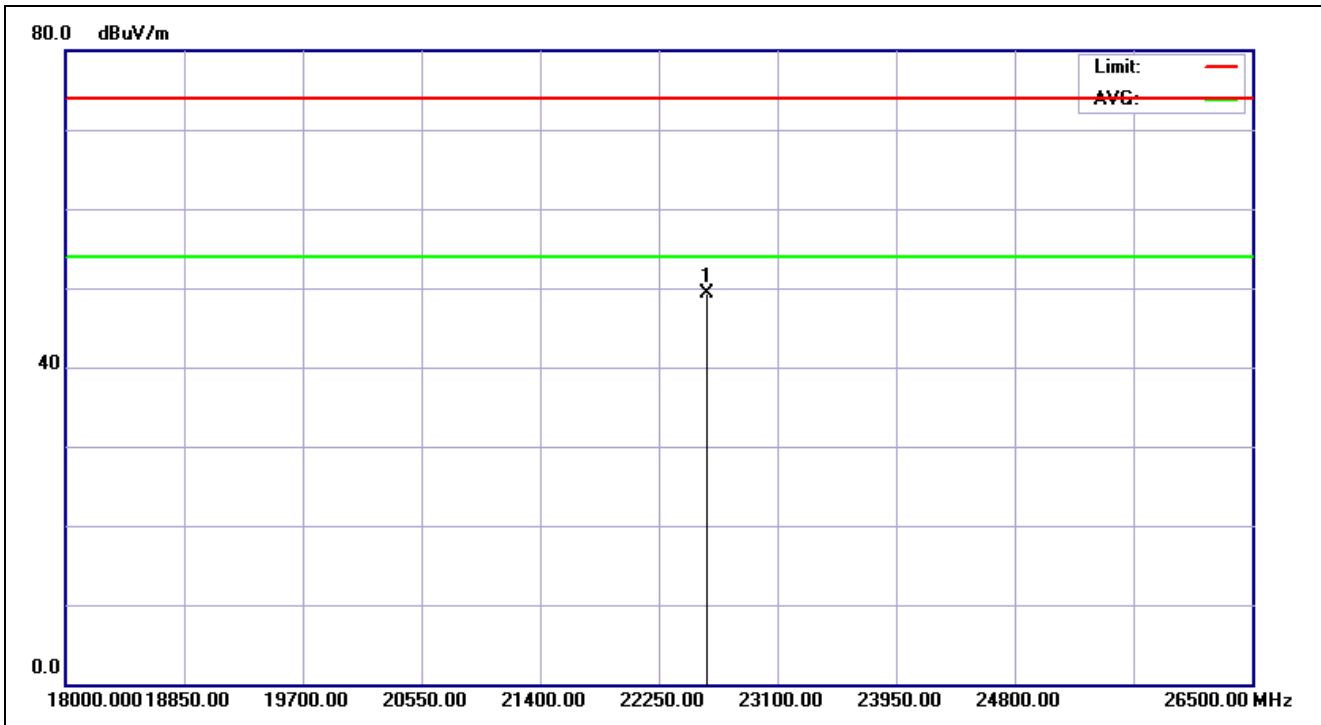
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23147.000	30.23	17.98	48.21	74.00	-25.79	peak			



<b>Service No.:</b>	<b>114010205-BM87</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>2013/9/3 16:08:09</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-CH2441</b>		
<b>Remark:</b>			

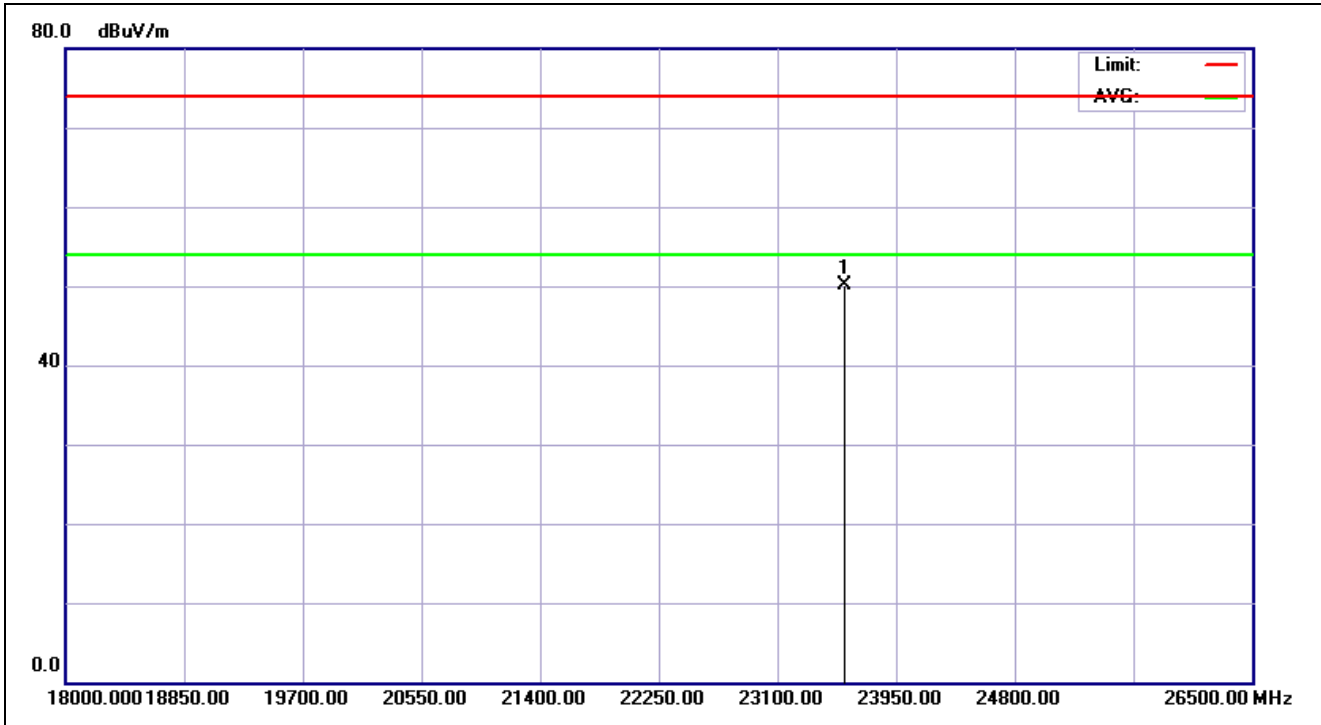
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19617.000	28.98	22.23	51.21	74.00	-22.79	peak			





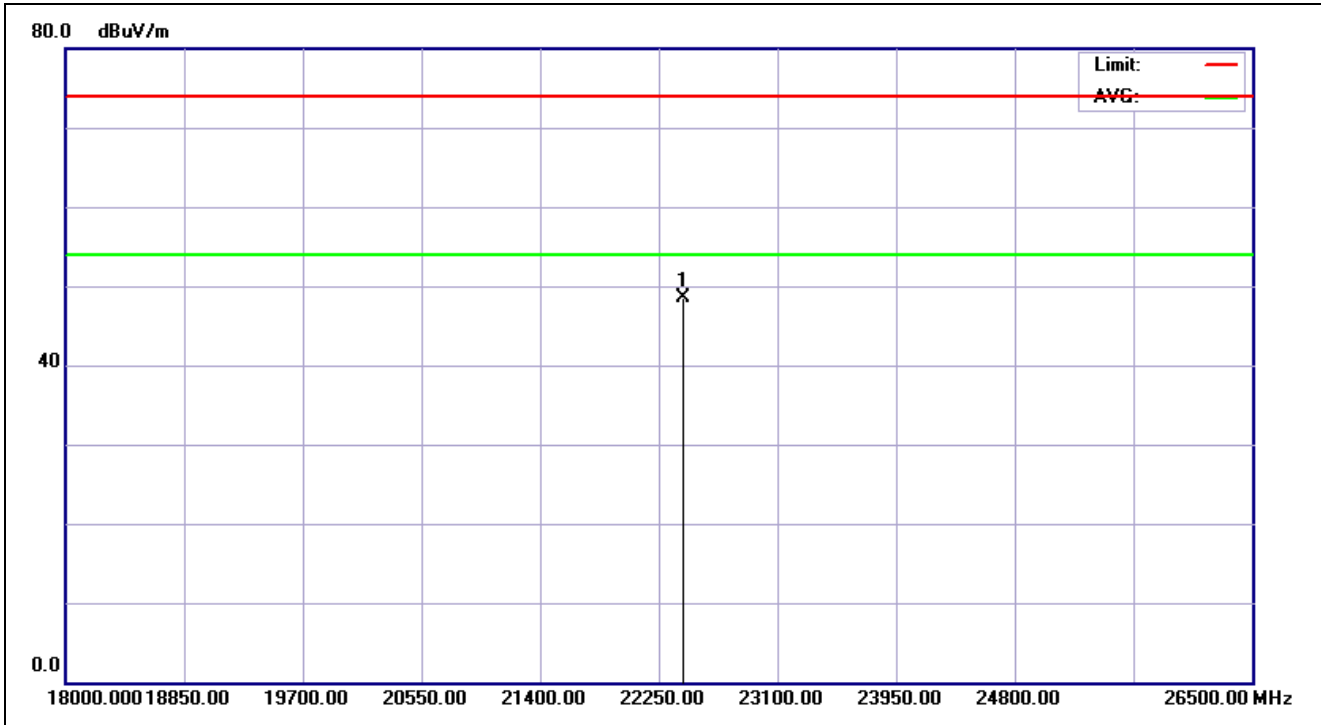
<b>Service No.:</b>	<b>114010205-BM87</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/3 16:11:07</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-CH2441</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	22593.000	29.22	20.05	49.27	74.00	-24.73	peak			



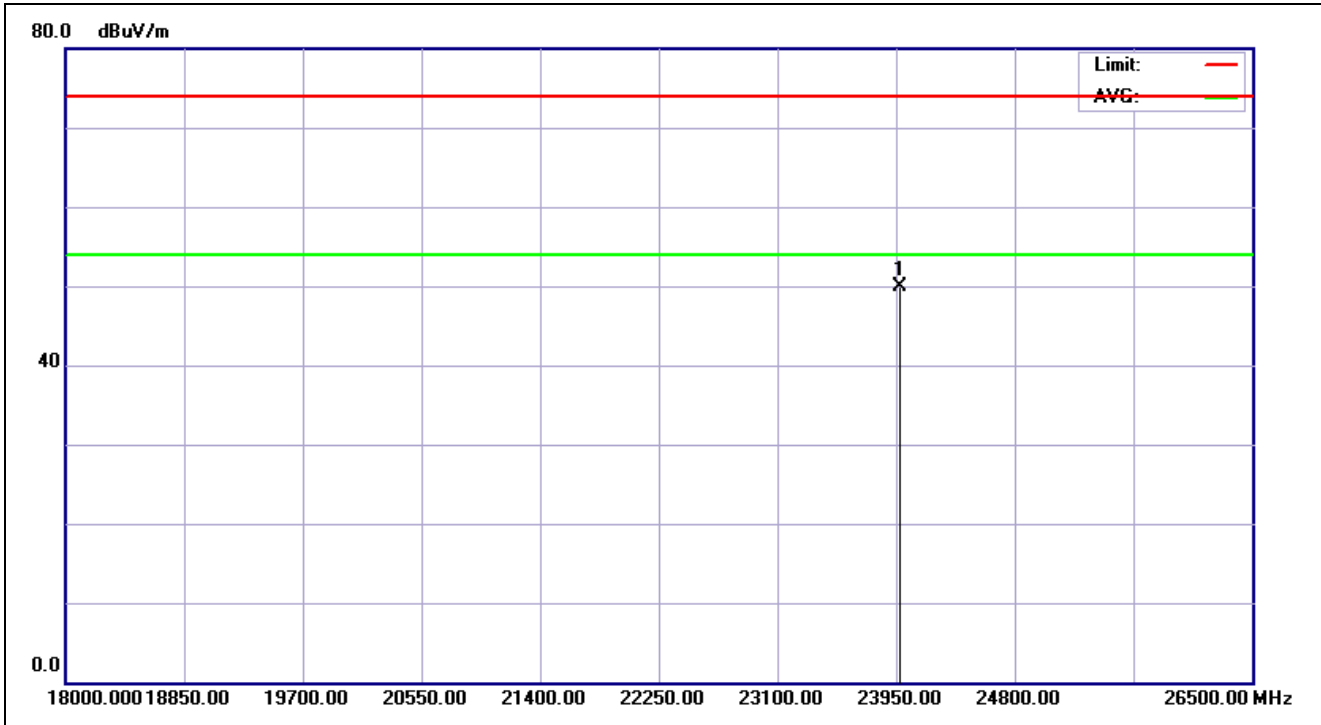
<b>Service No.:</b>	<b>114010205-BM87</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/3 16:13:42</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-CH2480</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	23576.000	29.94	20.17	50.11	74.00	-23.89	peak			



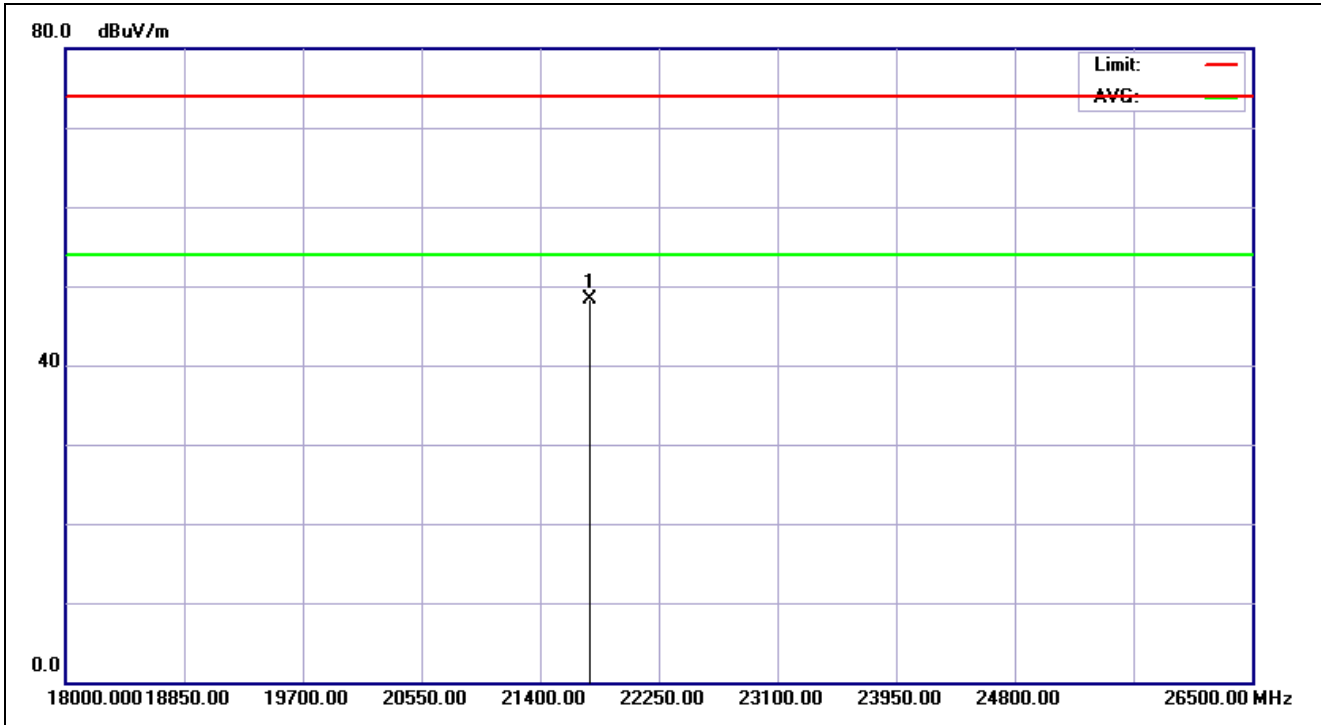
<b>Service No.:</b>	<b>114010205-BM87</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/3 16:17:09</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>BT-CH2480</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	22431.000	29.05	19.45	48.50	74.00	-25.50	peak			



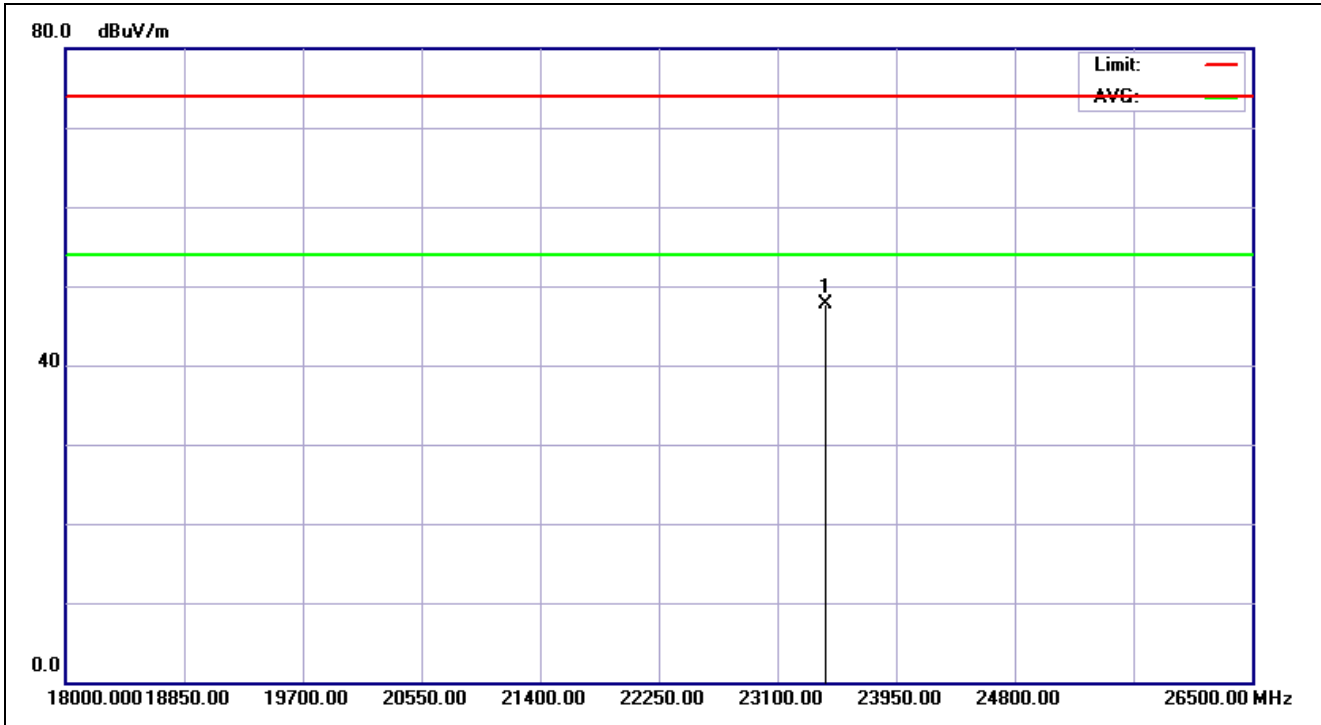
<b>Service No.:</b>	<b>114010205-BM87</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/3 15:40:54</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-CH2402</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	23975.000	29.06	20.86	49.92	74.00	-24.08	peak			



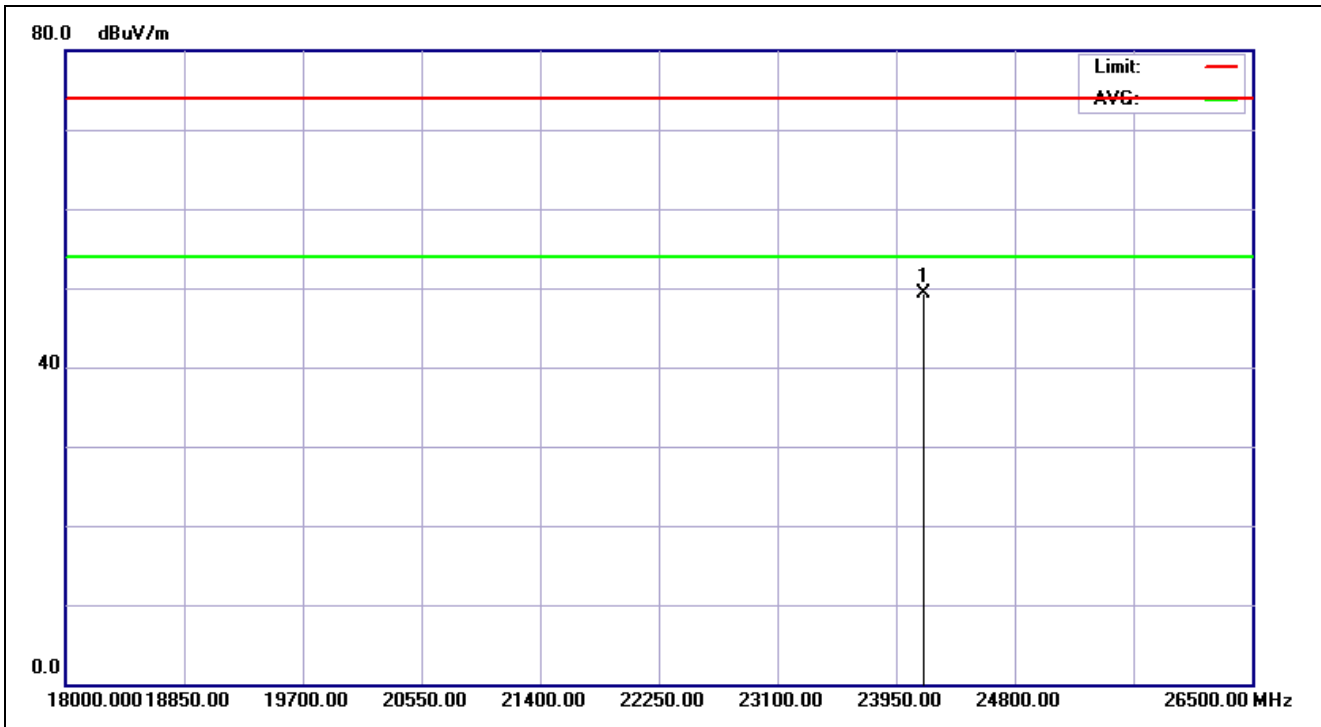
<b>Service No.:</b>	<b>114010205-BM87</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/3 15:42:27</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-CH2402</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	21754.000	29.42	18.85	48.27	74.00	-25.73	peak			



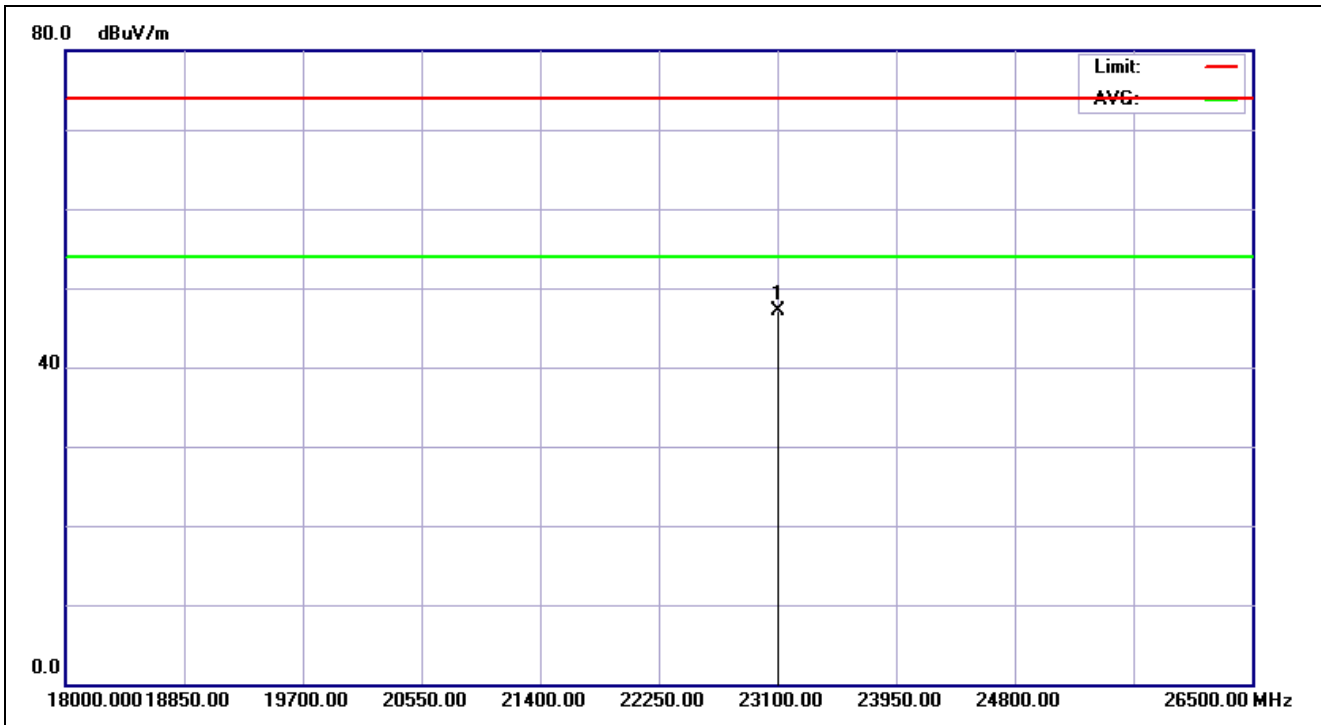
<b>Service No.:</b>	<b>114010205-BM87</b>	<b>Test Distance:</b>	<b>3M</b>
<b>Test Standard:</b>	<b>FCC above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2013/9/3 15:44:54</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-CH2441</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	23451.000	30.12	17.52	47.64	74.00	-26.36	peak			



<b>Service No.:</b>	<b>114010205-BM87</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>2013/9/3 15:47:32</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-CH2441</b>		
<b>Remark:</b>			

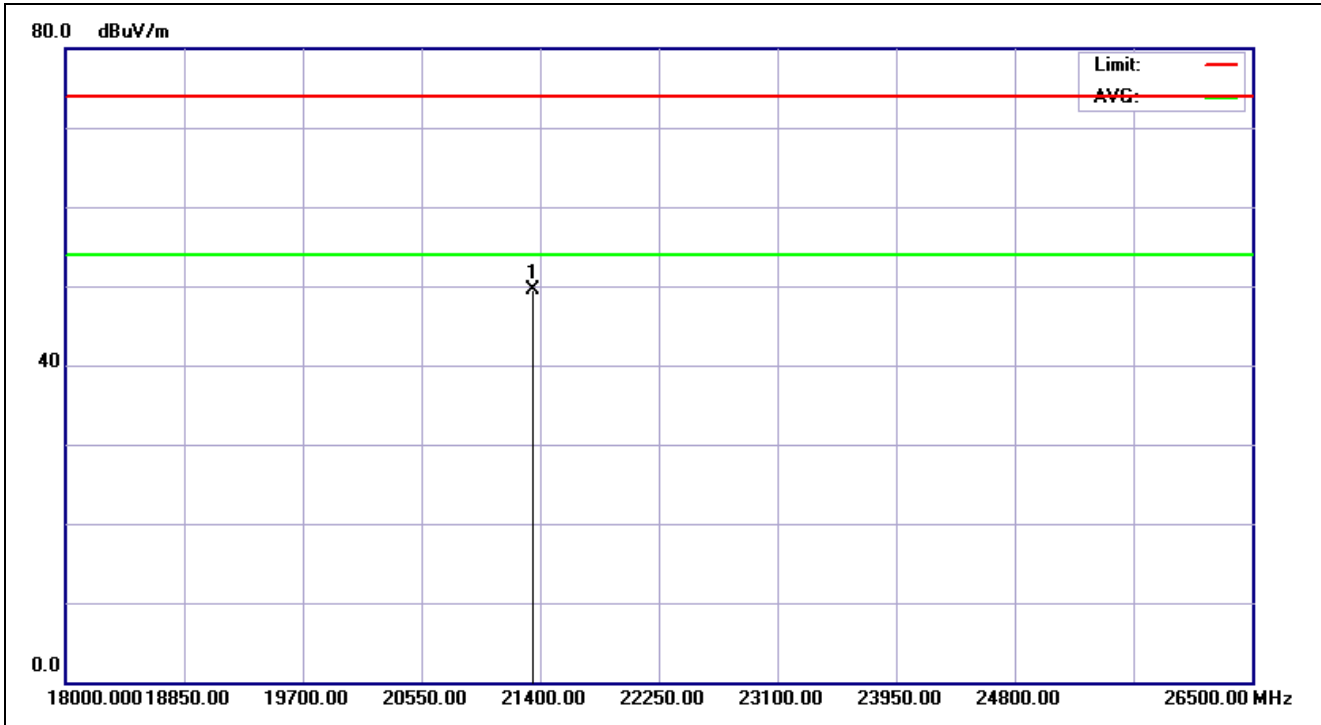
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24153.000	29.33	19.88	49.21	74.00	-24.79	peak			



<b>Service No.:</b>	<b>114010205-BM87</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>2013/9/3 15:49:21</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-CH2480</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	23110.000	30.25	16.87	47.12	74.00	-26.88	peak			





<b>Service No.:</b>	<b>114010205-BM87</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>2013/9/3 15:53:54</b>
<b>Applicant:</b>	<b>ISSC</b>	<b>Test Rating:</b>	<b>DC 3.3V</b>
<b>Product:</b>	<b>Bluetooth Shielded Module</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/44%</b>
<b>Model No.:</b>	<b>BM87SPPS5</b>	<b>Test Engineer:</b>	<b>Hugo Chang</b>
<b>Test Mode:</b>	<b>EDR-CH2480</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	21348.000	29.49	20.05	49.54	74.00	-24.46	peak			

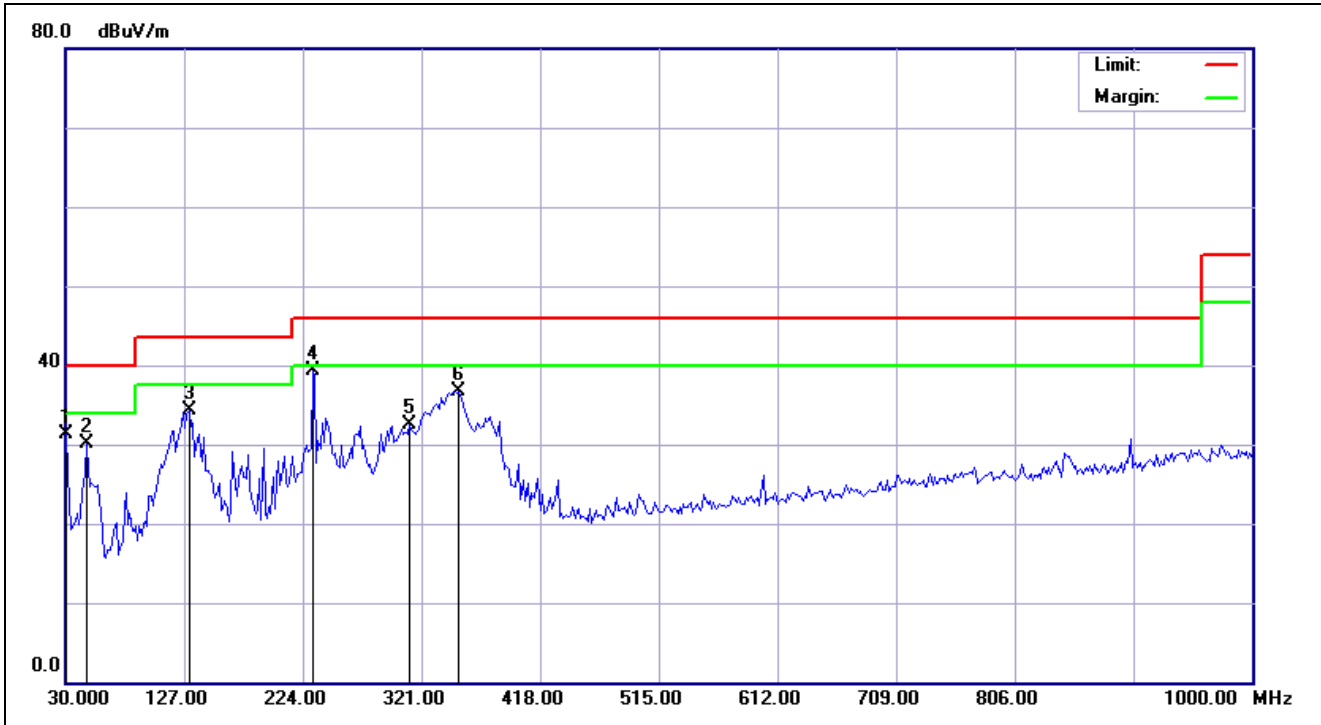
# Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

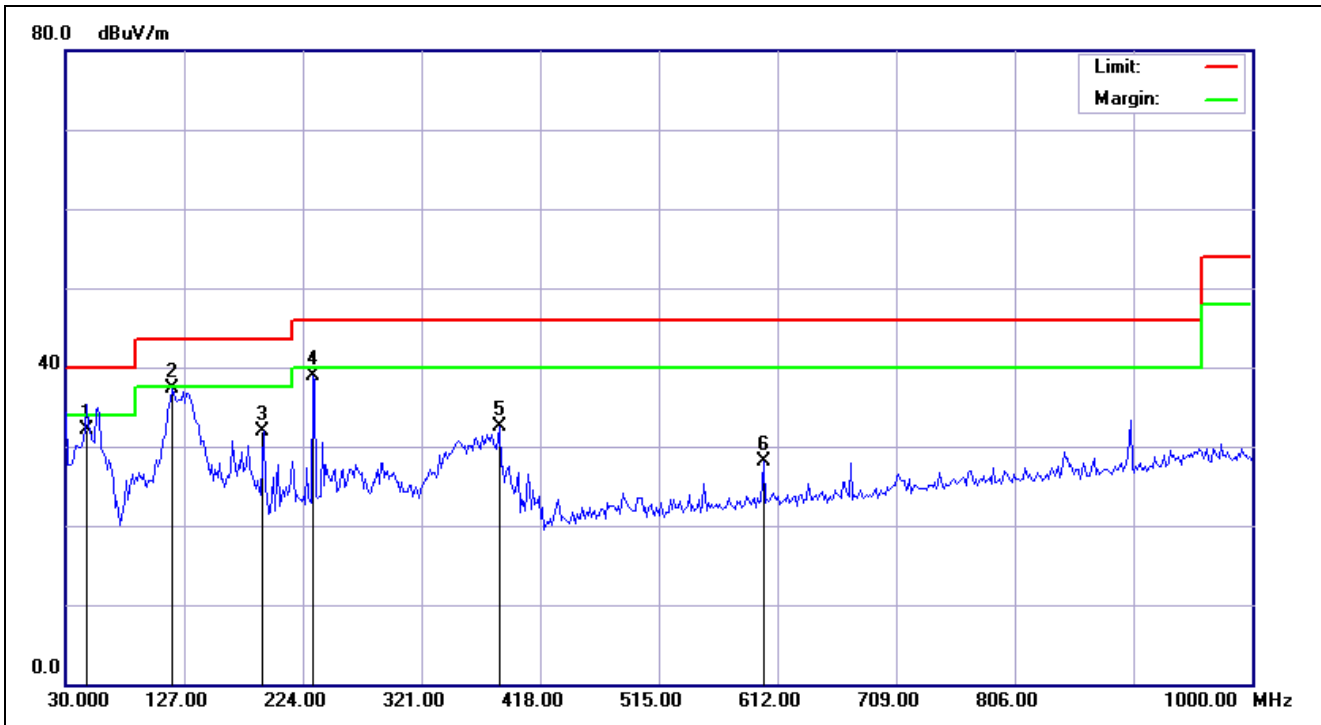
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/9/2 11:12:48
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:			
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-7.58	38.86	31.28	40.00	-8.72	QP	100	184	
2	47.0993	-17.07	47.13	30.06	40.00	-9.94	QP	400	75	
3	131.0416	-14.43	48.78	34.35	43.50	-9.15	QP	200	224	
4	232.0833	-14.97	54.23	39.26	46.00	-6.74	QP	100	232	
5	311.3621	-11.76	44.30	32.54	46.00	-13.46	QP	100	184	
6	351.7788	-10.97	47.66	36.69	46.00	-9.31	QP	100	24	



Service No.:	114010205-BM87-NEW	Test Distance:	3M
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/9/2 11:16:42
Applicant:	ISSC	Test Rating:	DC 3.3V
Product:	Bluetooth Shielded Module	Temp.(°C)/Hum.(%):	24(°C)/56%
Model No.:	BM87SPPS5	Test Engineer:	Hugo Chang
Test Mode:			
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	47.0993	-17.07	49.19	32.12	40.00	-7.88	QP	100	291	
2	117.0512	-15.12	52.48	37.36	43.50	-6.14	QP	100	206	
3	191.6666	-17.08	49.04	31.96	43.50	-11.54	QP	100	183	
4	232.0833	-14.97	53.84	38.87	46.00	-7.13	QP	100	201	
5	384.4229	-10.33	42.80	32.47	46.00	-13.53	QP	100	165	
6	600.4966	-7.17	35.23	28.06	46.00	-17.94	QP	100	314	