

Date of Test: Mar. 27, 2013Temperature: 25°CEUT: Bluetooth CD/Radio BoomboxHumidity: 50%Model No.: IBC233Power Supply: AC 120V/60HZTest Mode: TX (2480MHz)Test Engineer: Apple

GFSK (1Mbps)

Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.**

Date of Test:	<u>Mar. 27, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>Bluetooth CD/Radio Boombox</u>	Humidity:	<u>50%</u>
Model No.:	<u>IBC233</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>TX (2402MHz)</u>	Test Engineer:	<u>Apple</u>

$\pi/4$ DQPSK (2Mbps)

Below 30MHz

Frequency (MHz)	Reading (dB μ V/m)		Factor(dB) Corr.	Result (dB μ V/m)		Limit (dB μ V/m)	Margin (dB)		Polarization
	QP			QP			QP		
-	-	-	-	-	-	-	-	-	X
-	-	-	-	-	-	-	-	-	Y
-	-	-	-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dB μ V/m)		Factor Corr. (dB)	Result (dB μ V/m)		Limit (dB μ V/m)	Margin (dB)		Polarization
	QP			QP			QP		
-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dB μ V/m)		Factor Corr. (dB)	Result(dB μ V/m)		Limit(dB μ V/m)		Margin(dB μ V/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.

Date of Test: Mar. 27, 2013Temperature: 25°CEUT: Bluetooth CD/Radio BoomboxHumidity: 50%Model No.: IBC233Power Supply: AC 120V/60HZTest Mode: TX (2441MHz)Test Engineer: Apple $\pi/4$ DQPSK (2Mbps)

Below 30MHz

Frequency (MHz)	Reading (dB μ V/m)	Factor(dB) Corr.	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dB μ V/m)	Factor Corr. (dB)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dB μ V/m)		Factor Corr. (dB)	Result(dB μ V/m)		Limit(dB μ V/m)		Margin(dB μ V/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.**

Date of Test: Mar. 27, 2013Temperature: 25°CEUT: Bluetooth CD/Radio BoomboxHumidity: 50%Model No.: IBC233Power Supply: AC 120V/60HZTest Mode: TX (2480MHz)Test Engineer: Apple $\pi/4$ DQPSK (2Mbps)

Below 30MHz

Frequency (MHz)	Reading (dB μ V/m)	Factor(dB) Corr.	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dB μ V/m)	Factor Corr. (dB)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dB μ V/m)		Factor Corr. (dB)	Result(dB μ V/m)		Limit(dB μ V/m)		Margin(dB μ V/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.**

Date of Test:	<u>Mar. 27, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>Bluetooth CD/Radio Boombox</u>	Humidity:	<u>50%</u>
Model No.:	<u>IBC233</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>TX (2402MHz)</u>	Test Engineer:	<u>Apple</u>

8DPSK (3Mbps)

Below 30MHz

Frequency (MHz)	Reading (dBμV/m)		Factor(dB) Corr.	Result (dBμV/m)		Limit (dBμV/m)	Margin (dB)		Polarization
	QP			QP			QP		
-	-	-	-	-	-	-	-	-	X
-	-	-	-	-	-	-	-	-	Y
-	-	-	-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)		Factor Corr. (dB)	Result (dBμV/m)		Limit (dBμV/m)	Margin (dB)		Polarization
	QP			QP			QP		
-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.

Date of Test: Mar. 27, 2013Temperature: 25°CEUT: Bluetooth CD/Radio BoomboxHumidity: 50%Model No.: IBC233Power Supply: AC 120V/60HZTest Mode: TX (2441MHz)Test Engineer: Apple

8DPSK (3Mbps)

Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.**

Date of Test: Mar. 27, 2013Temperature: 25°CEUT: Bluetooth CD/Radio BoomboxHumidity: 50%Model No.: IBC233Power Supply: AC 120V/60HZTest Mode: TX (2480MHz)Test Engineer: Apple

8DPSK (3Mbps)

Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.**

GFSK (1Mbps)



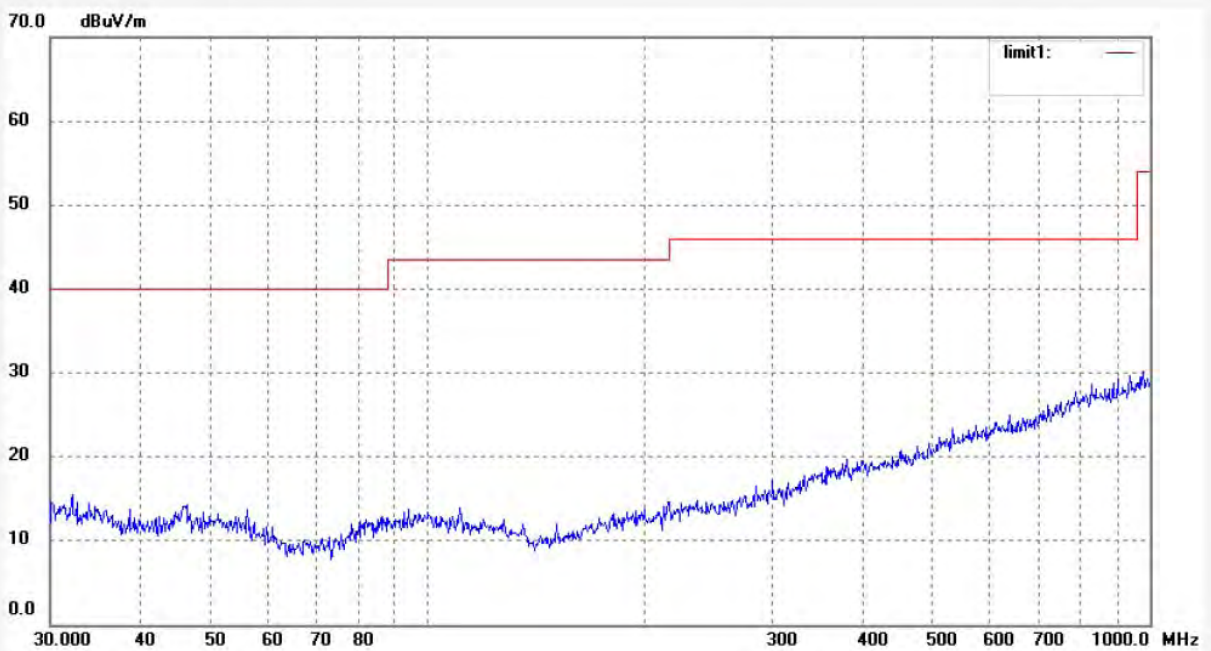
ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: rucky3 #12	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 20/25/33
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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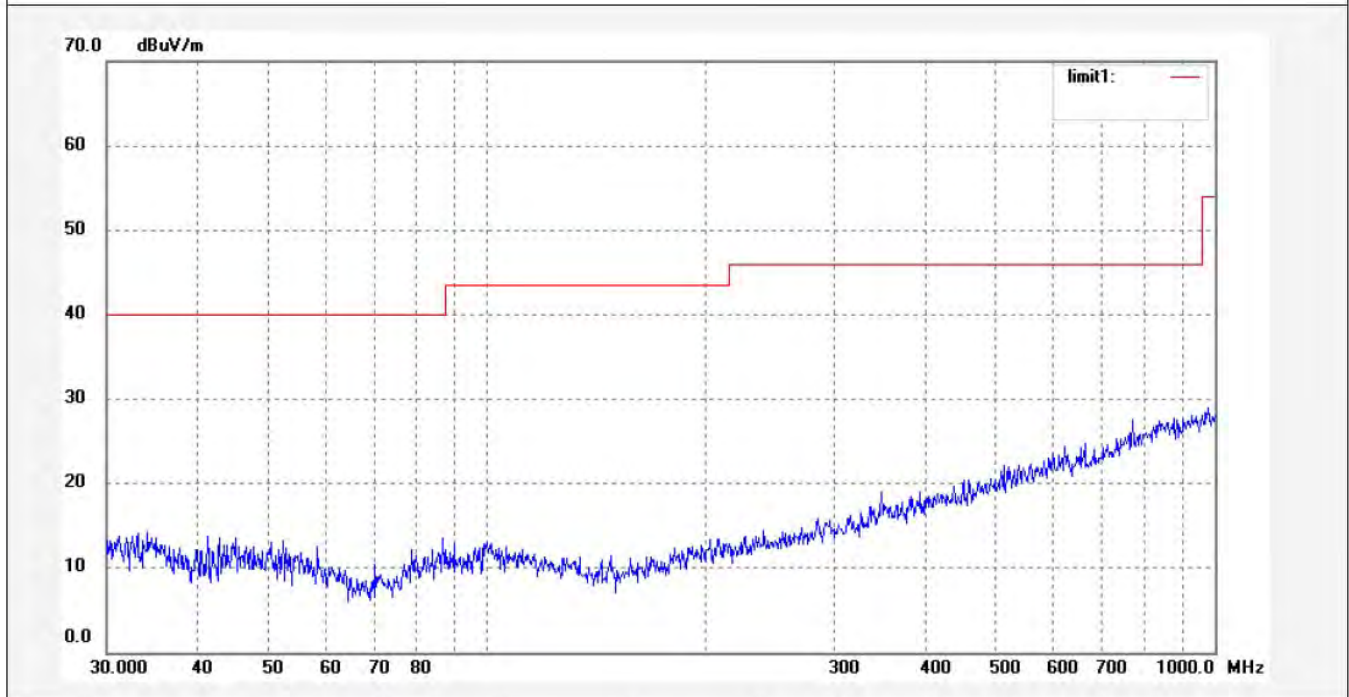
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Job No.: rucky3 #11	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 20/22/25
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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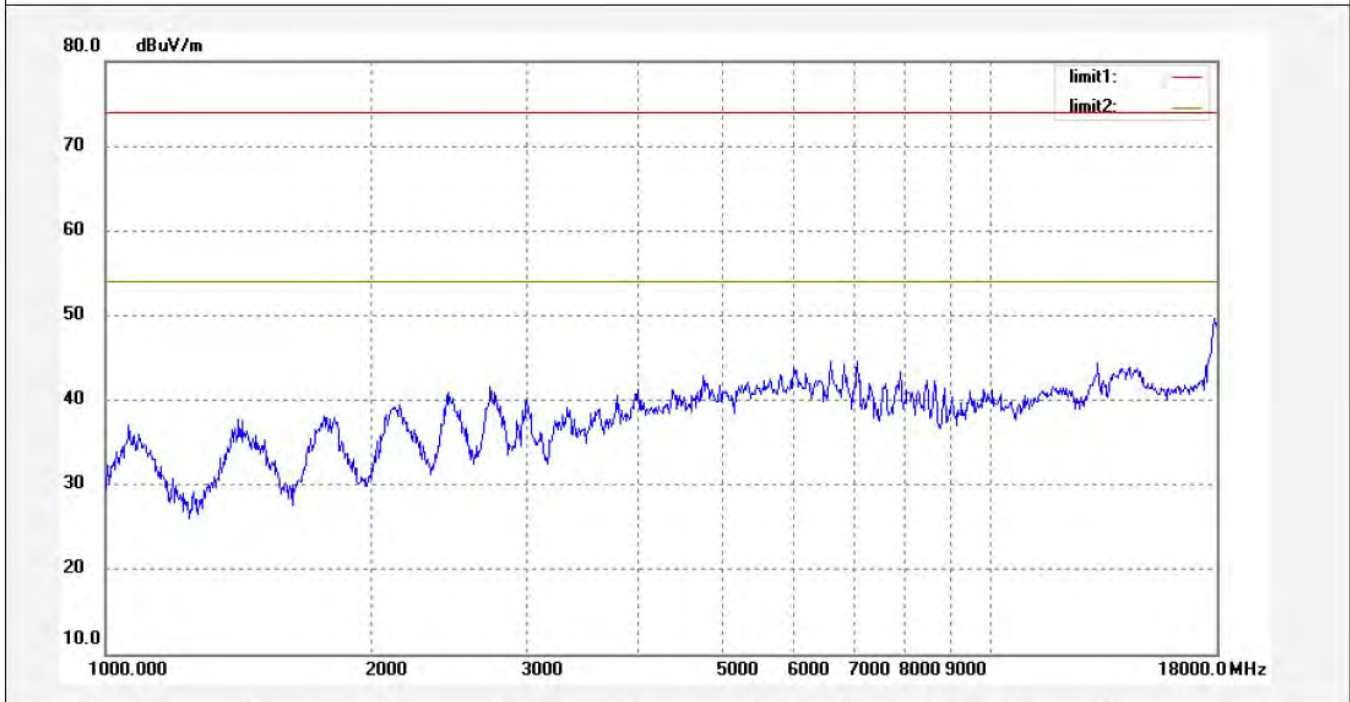
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Job No.: rucky3 #13	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 20/28/11
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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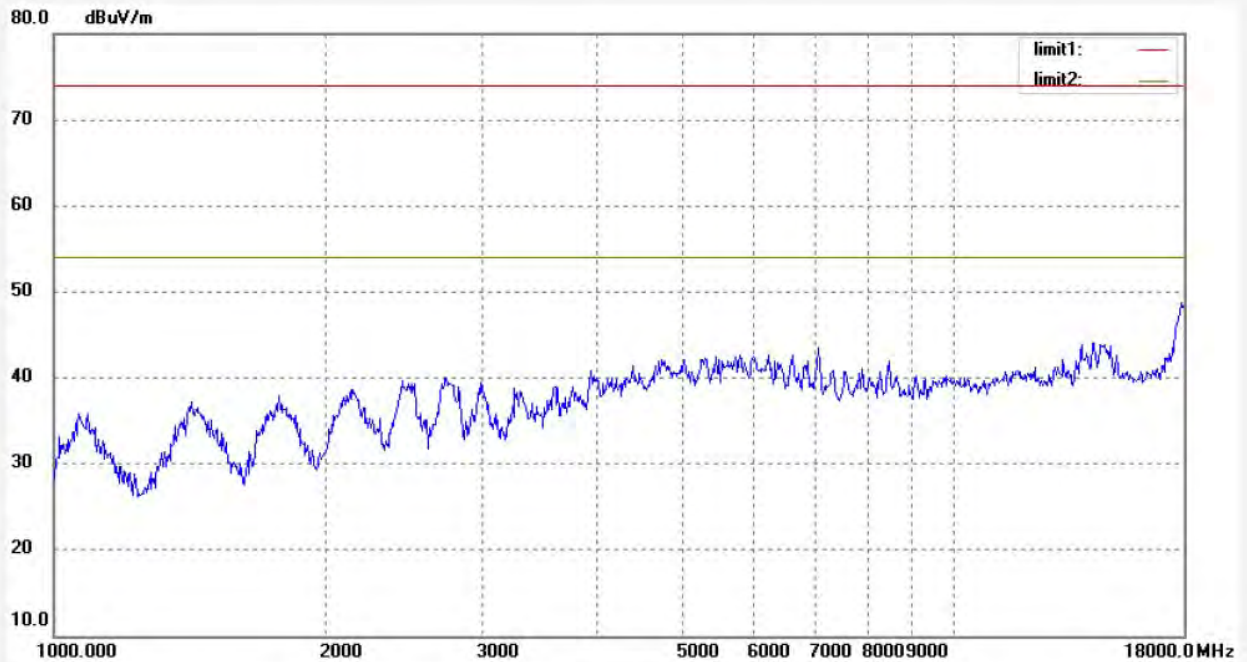
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Job No.: rucky3 #14	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 20/31/24
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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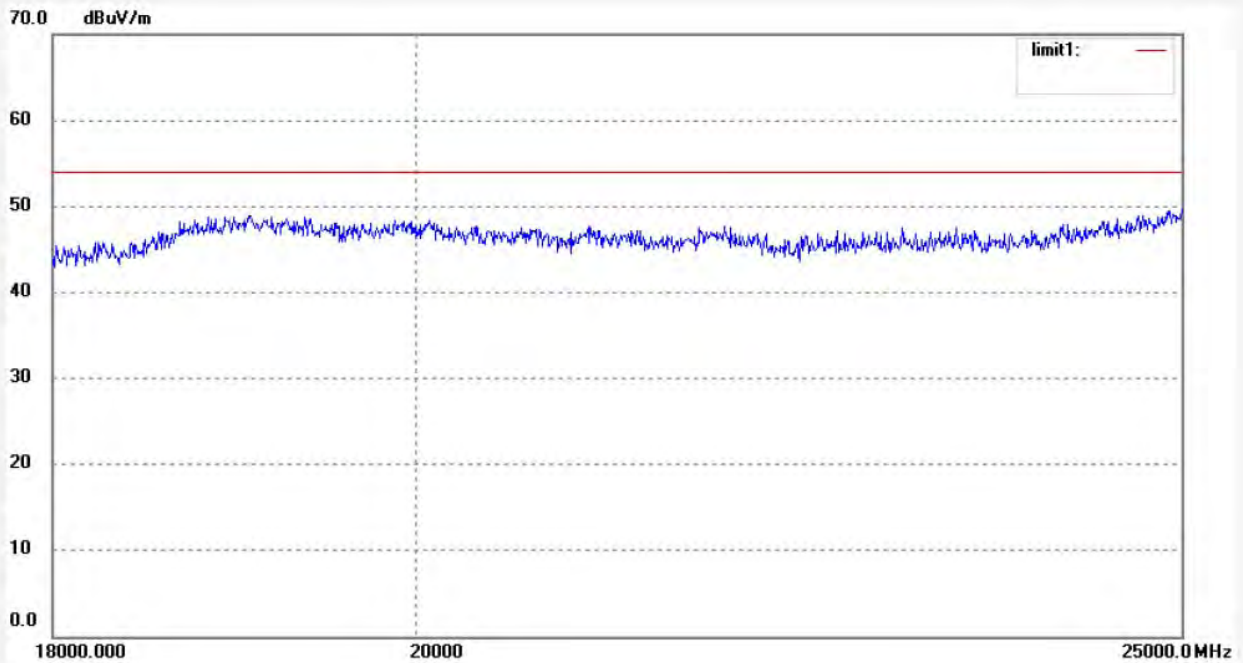
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Site: 966 chamber
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Job No.: Ricky #895	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 23:36:34
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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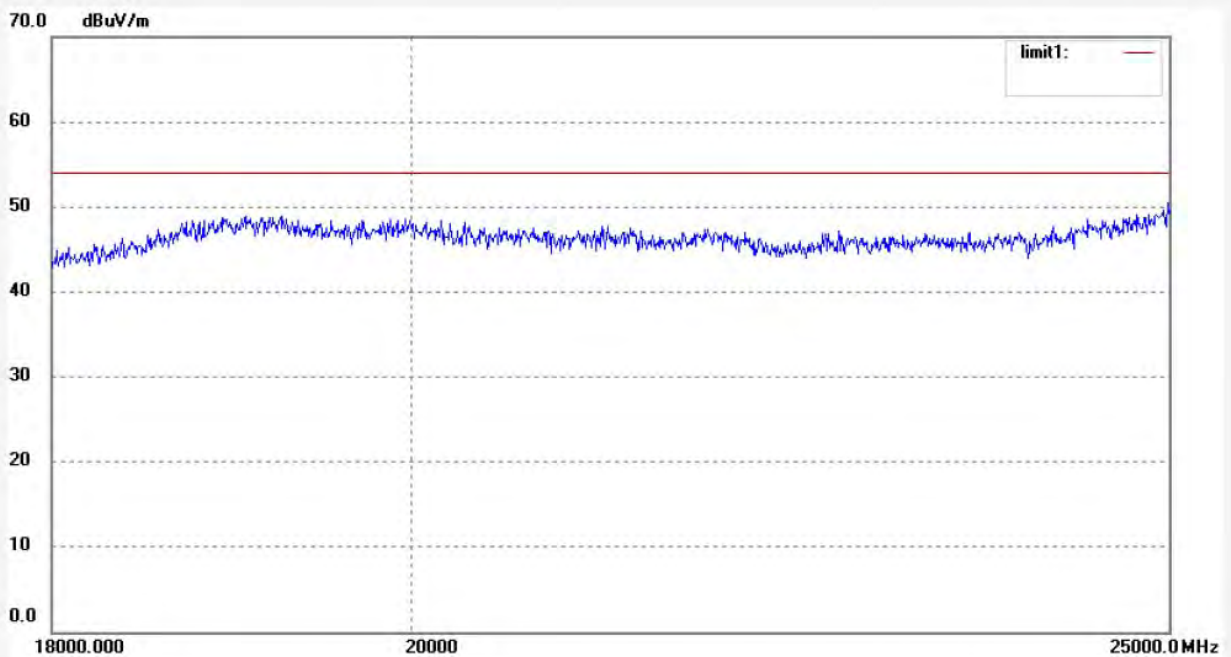
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Site: 966 chamber
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Job No.: Ricky #894	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 23:32:12
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark



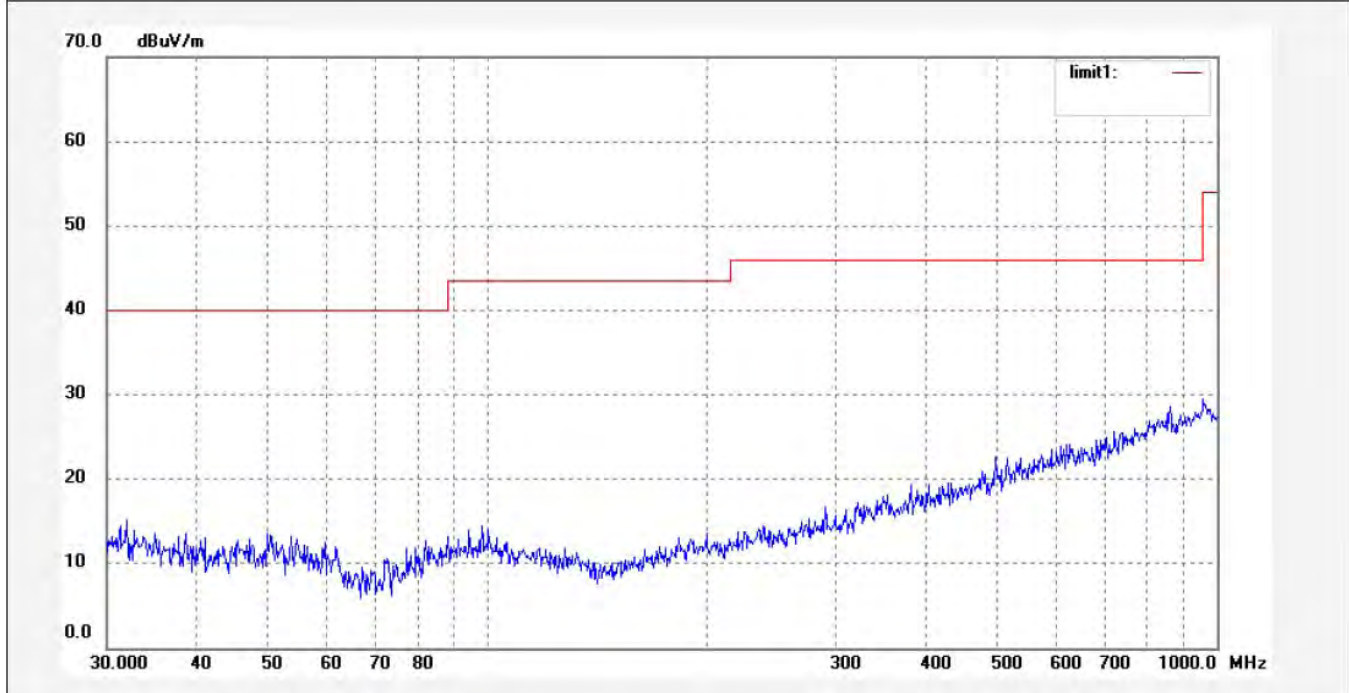
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Job No.: rucky3 #9	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 20/16/41
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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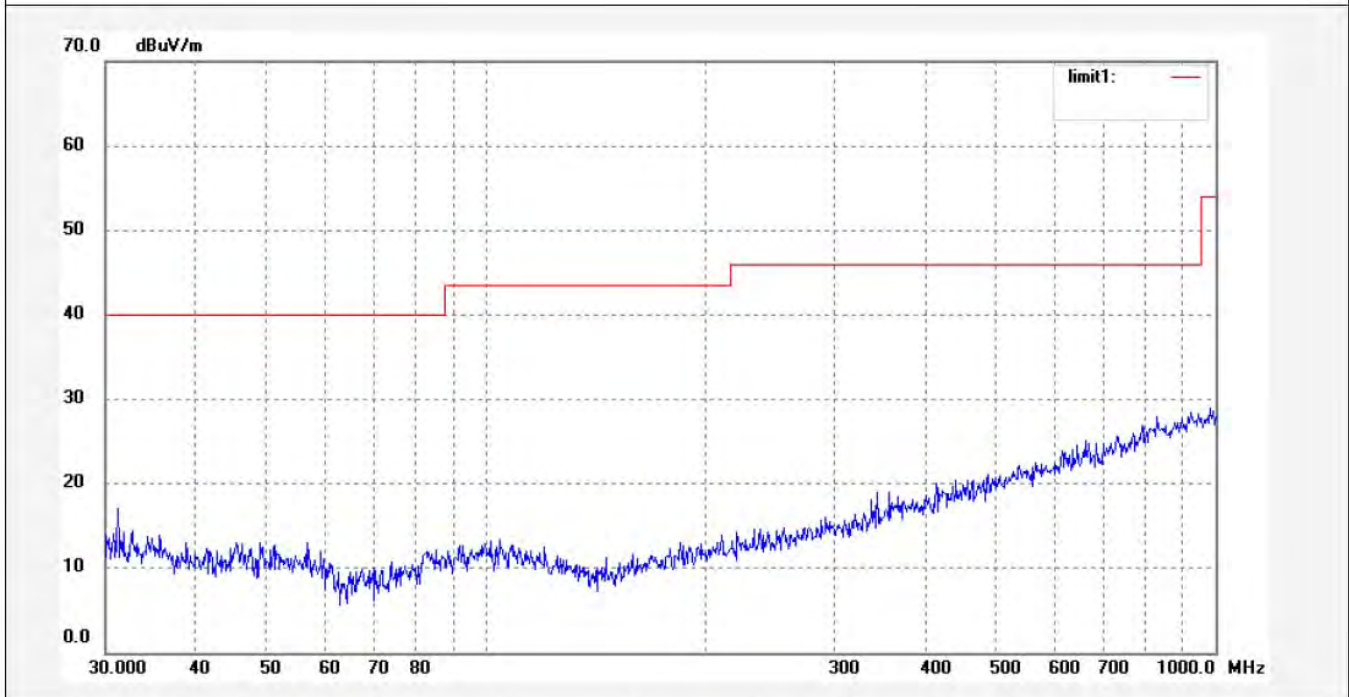
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Job No.: rucky3 #10	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 20/19/18
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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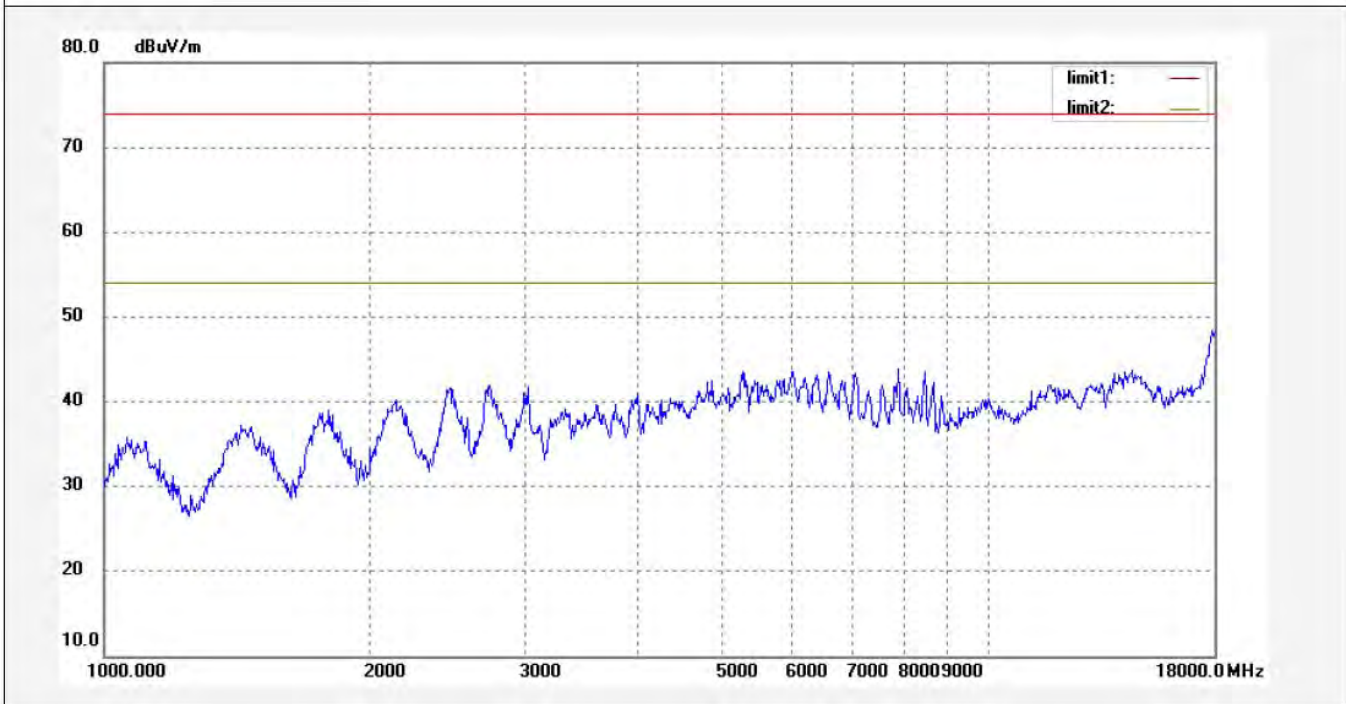
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Job No.: rucky3 #16	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 20/39/20
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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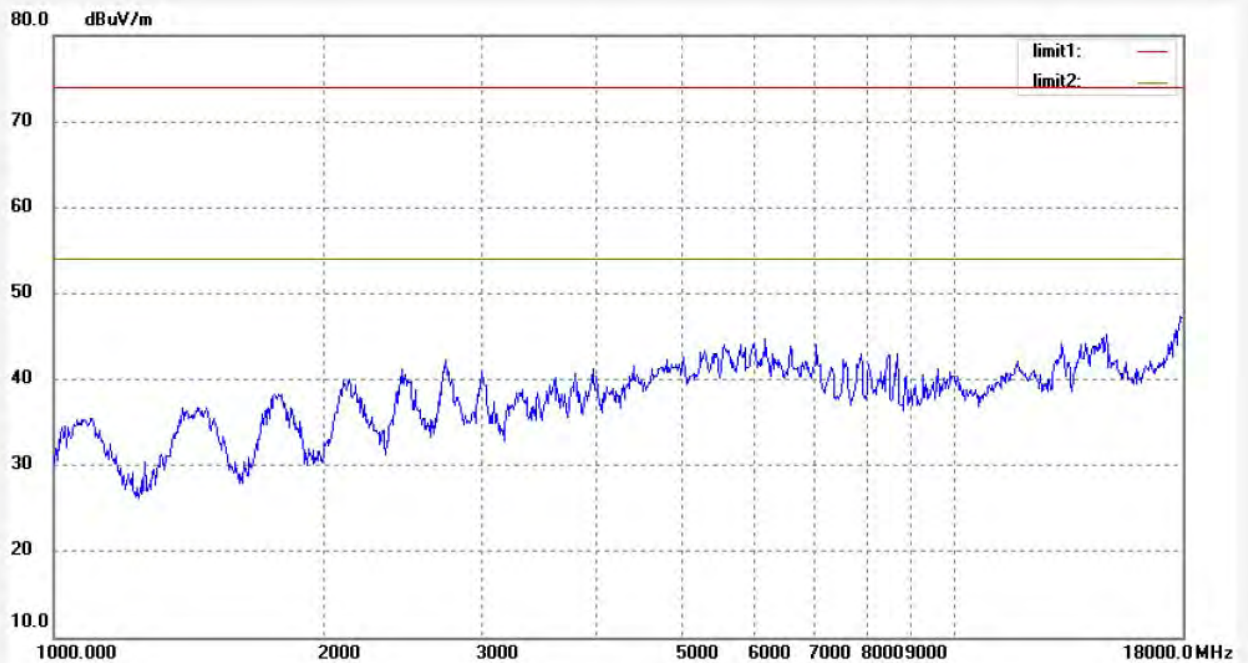
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Job No.: rucky3 #15	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 20/34/33
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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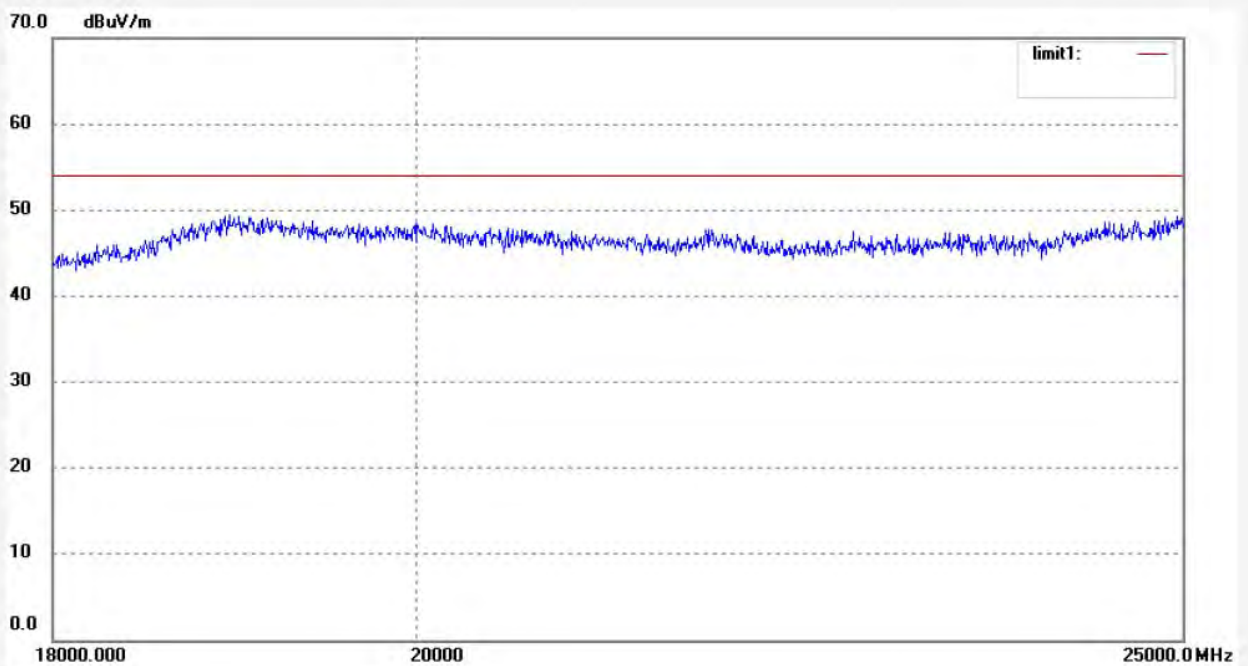
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Job No.: Ricky #896	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 23:39:41
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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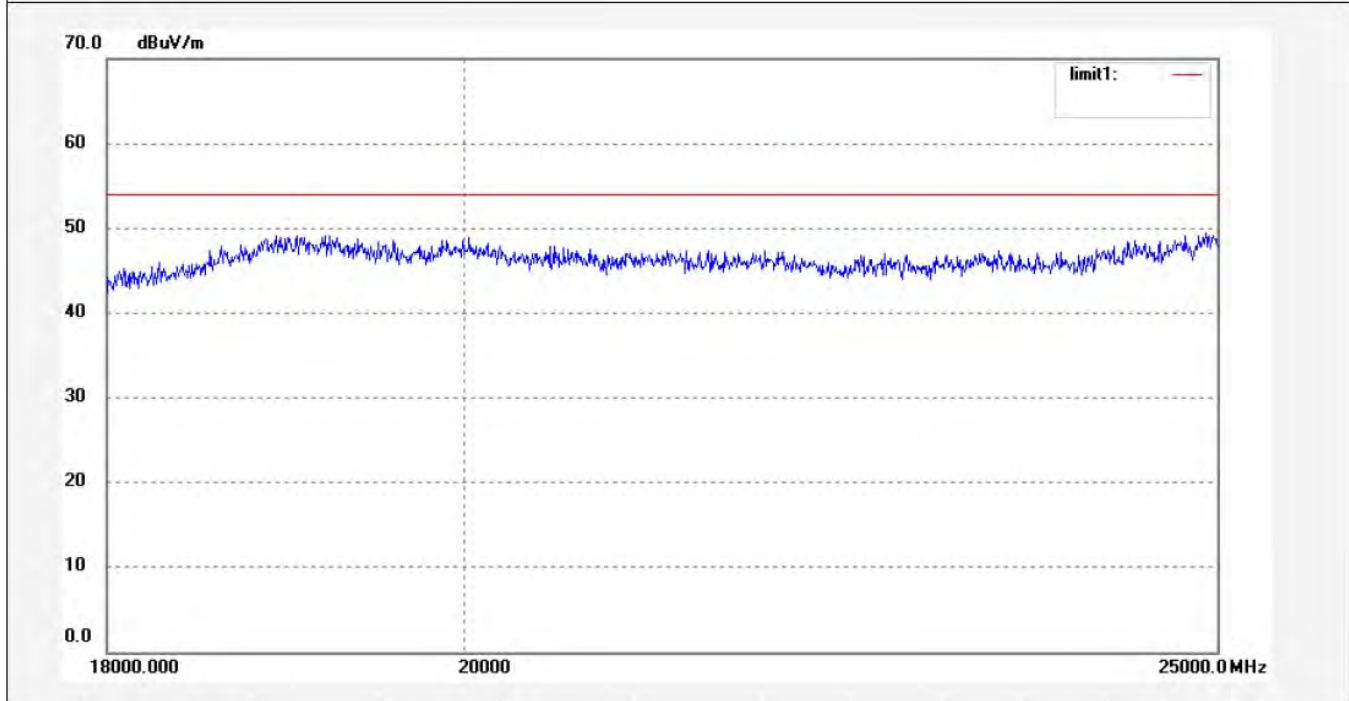
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #897	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 23:43:22
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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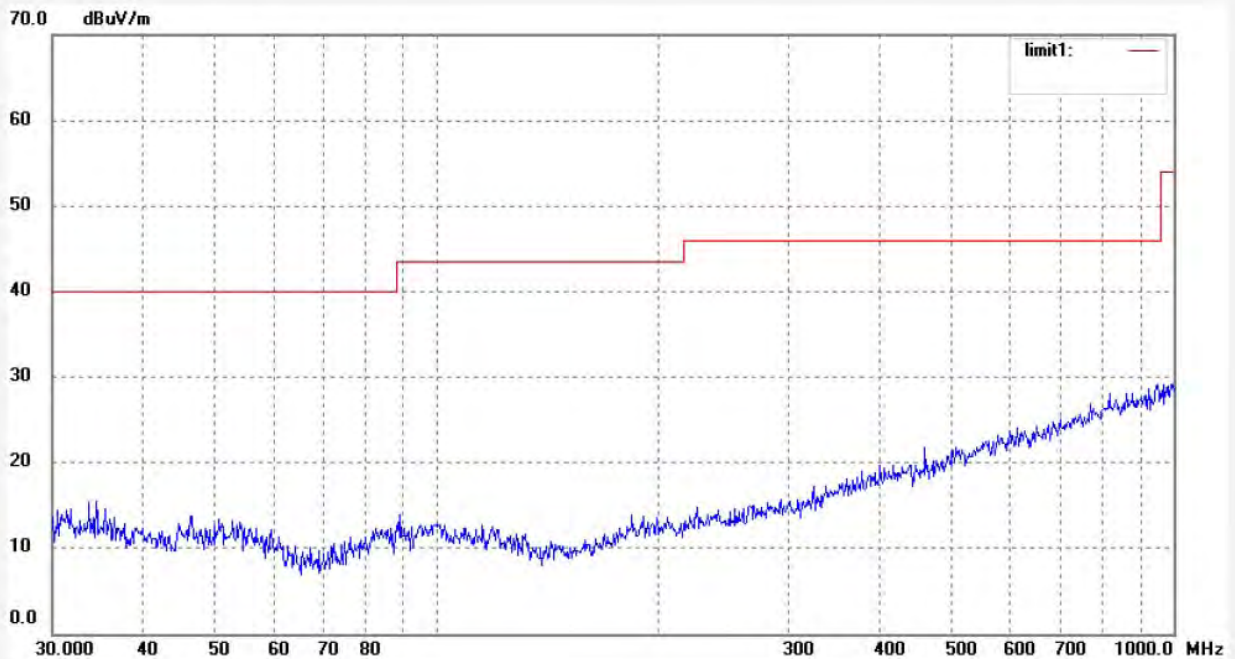
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: rucky3 #8	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 20/13/20
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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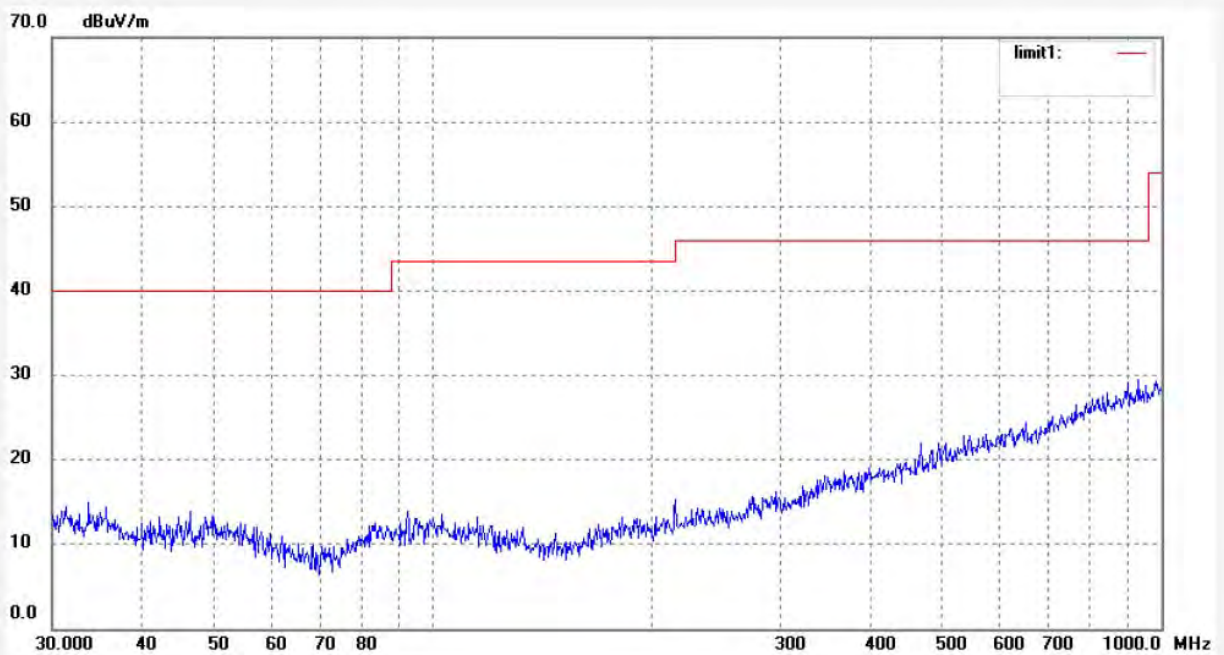
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: rucky3 #7
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 26 C / 55 %
EUT: Bluetooth Audio Receiver
Mode: TX 2480MHz
Model: IBC233
Manufacturer: Shangzheng

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013/03/27
Time: 20/10/59
Engineer Signature: Ricky
Distance: 3m

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark



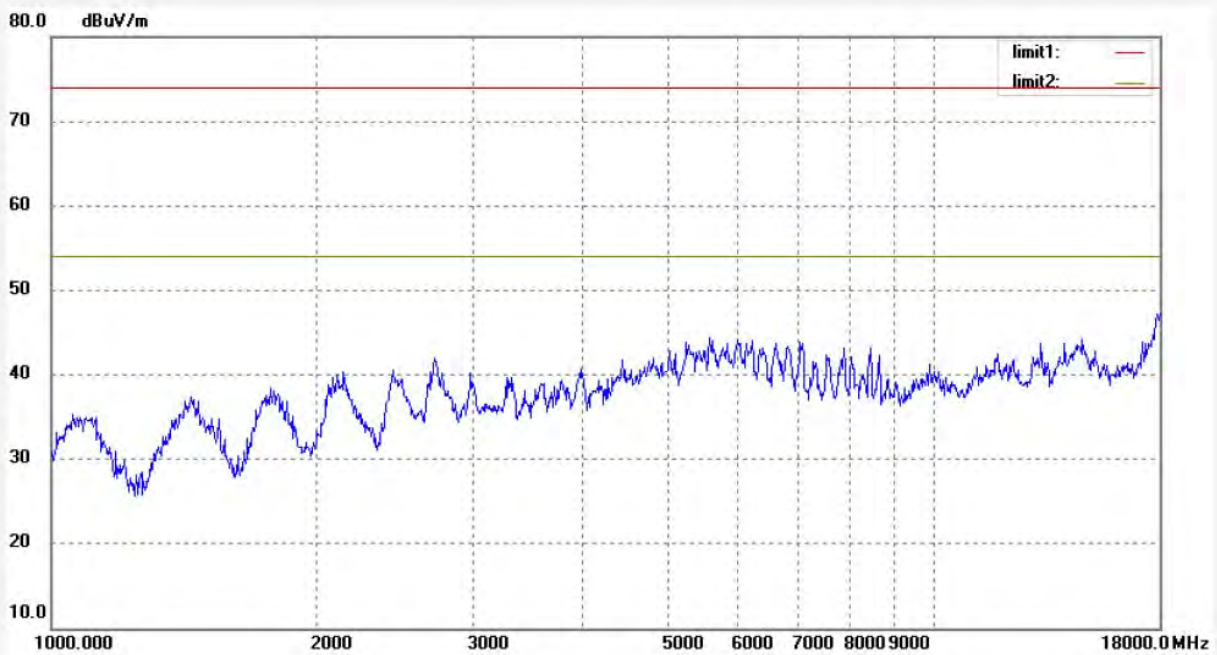
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: rucky3 #17	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 20/41/25
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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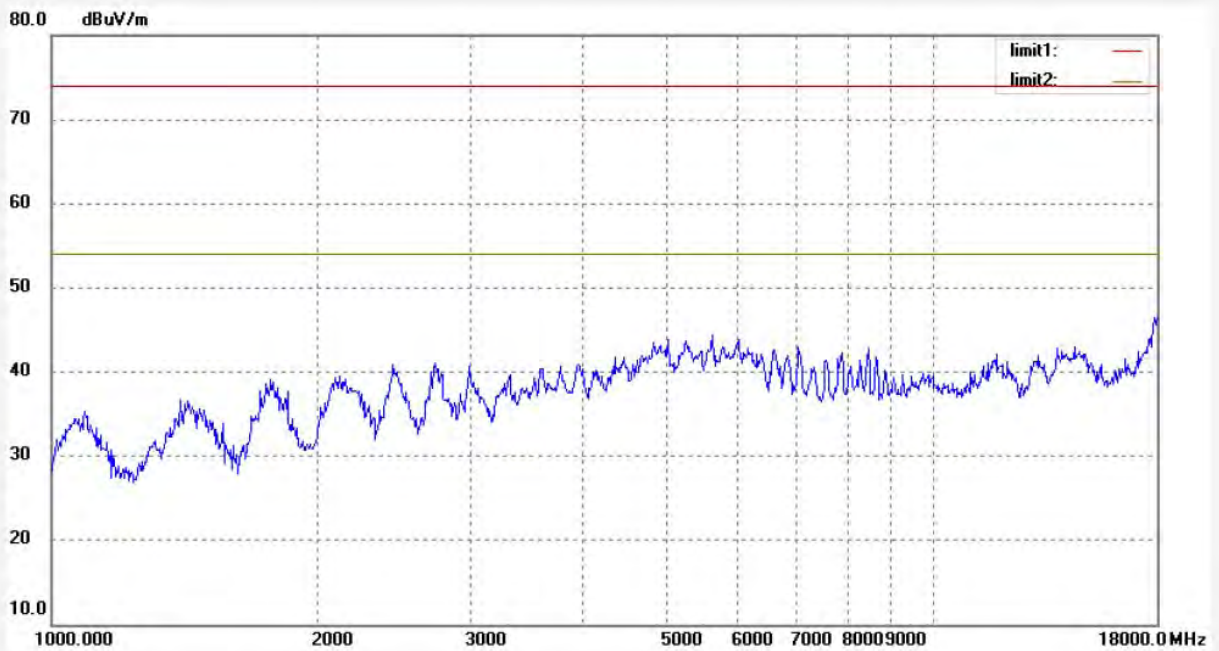
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: rucky3 #18	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 20/43/50
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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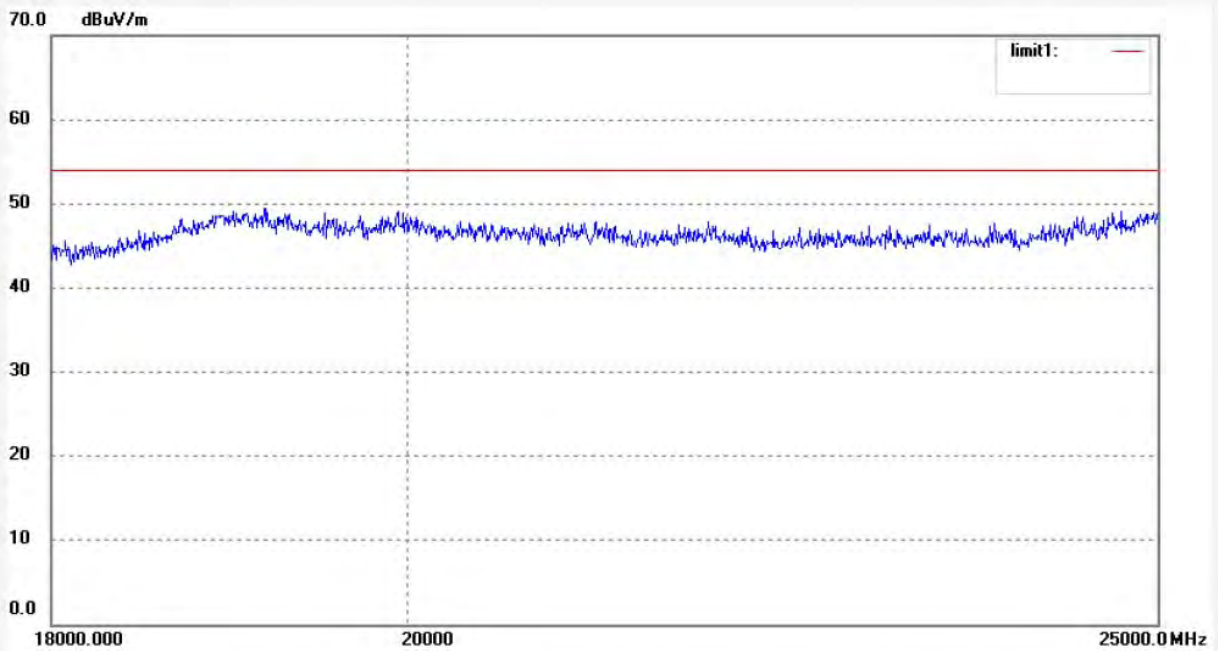
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #899	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 23:50:52
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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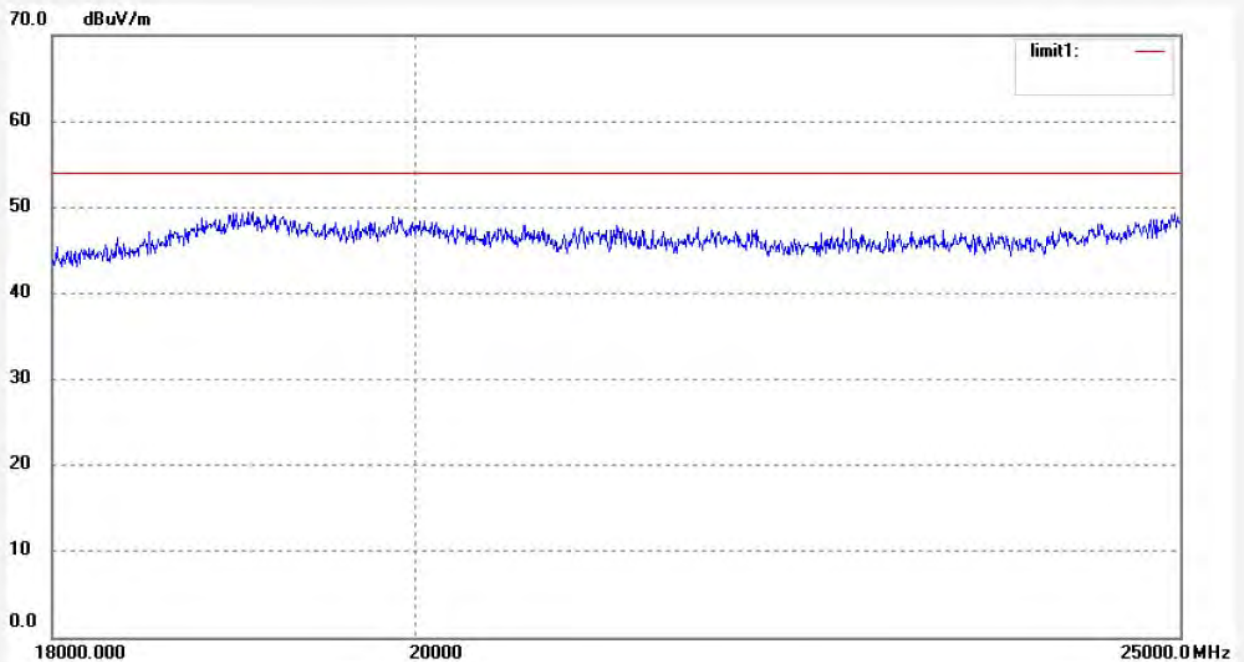
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #898	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 23:47:19
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480	Distance: 3m
Model: IBC233	
Manufacturer: Shangzheng	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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$\pi/4$ DQPSK (2Mbps)



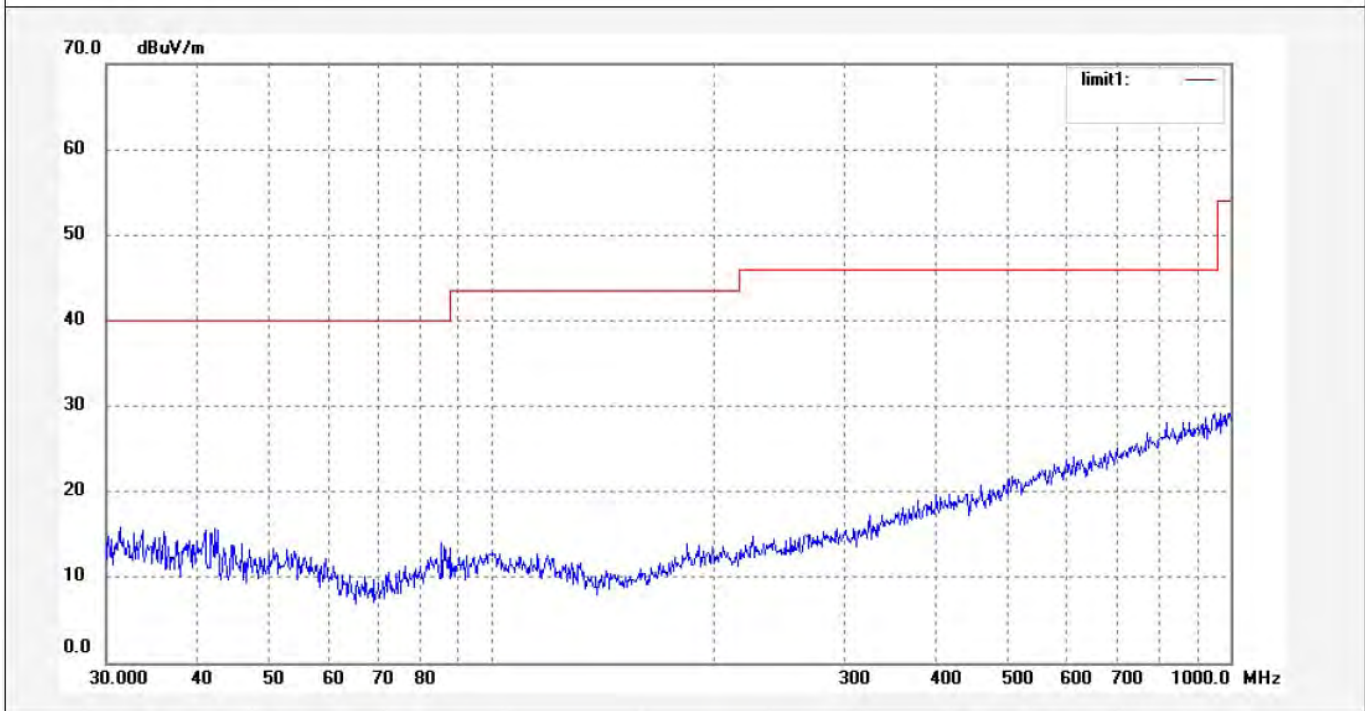
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #2	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/00/19
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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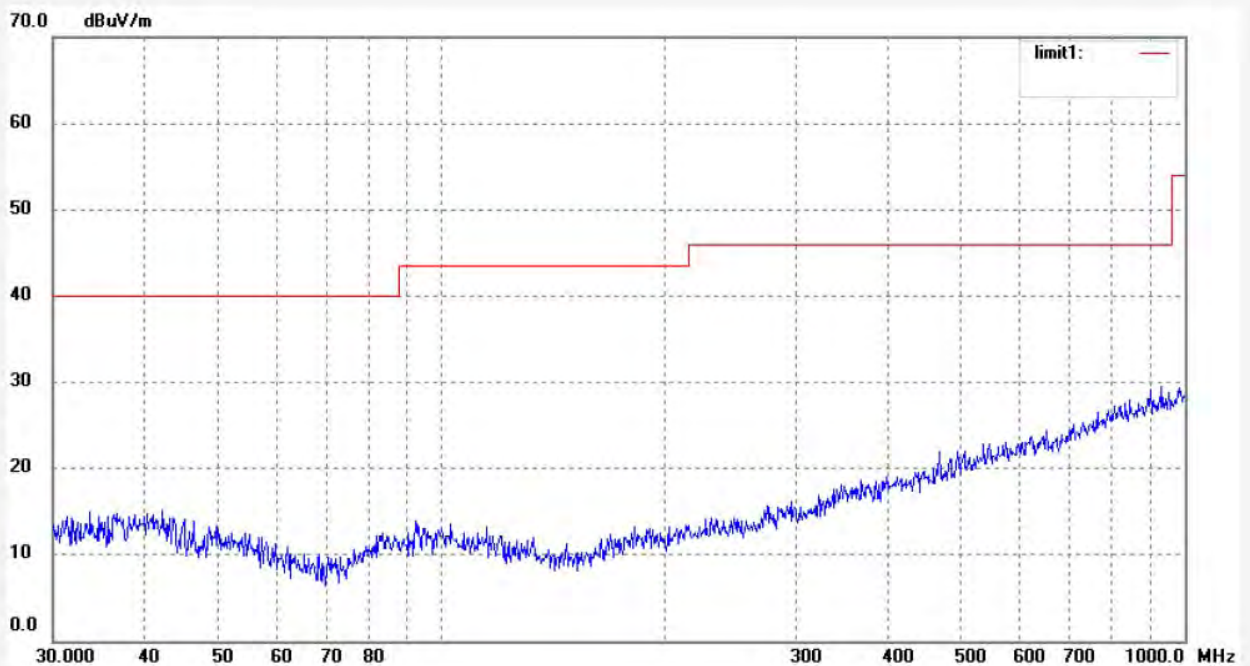
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #1	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 09/56/42
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
	30.000	12		12	40	28				
	40	11		11	40	29				
	50	10		10	40	30				
	60	9		9	40	31				
	70	8		8	40	32				
	80	11		11	43	32				
	100	10		10	43	33				
	200	13		13	45	32				
	300	15		15	45	30				
	400	18		18	45	27				
	500	20		20	45	25				
	600	22		22	45	23				
	700	24		24	45	21				
	800	26		26	45	19				
	900	27		27	45	17				
	1000.0	28		28	55	27				



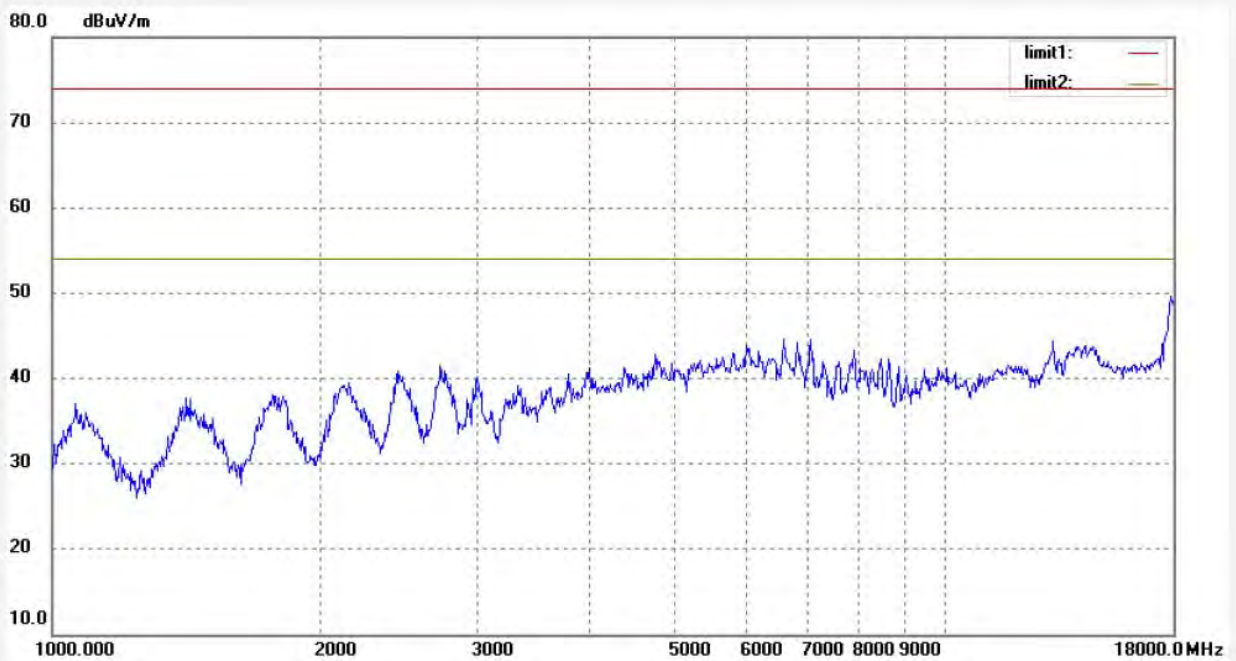
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #13	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/29/01
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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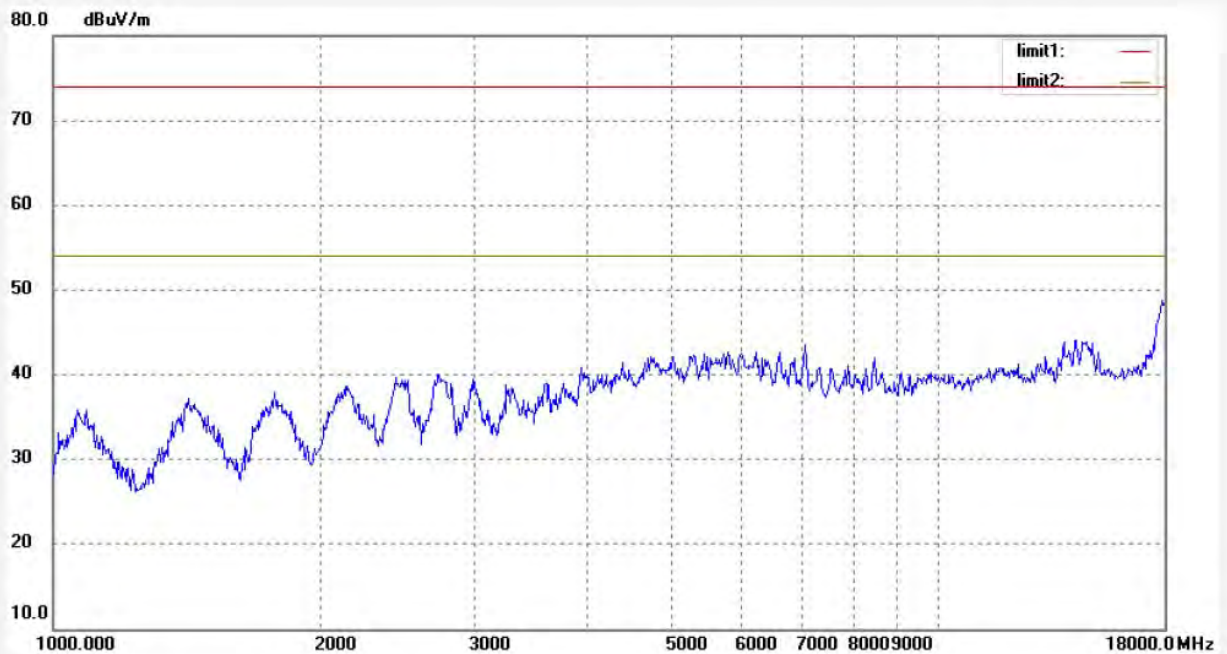
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #14	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/32/43
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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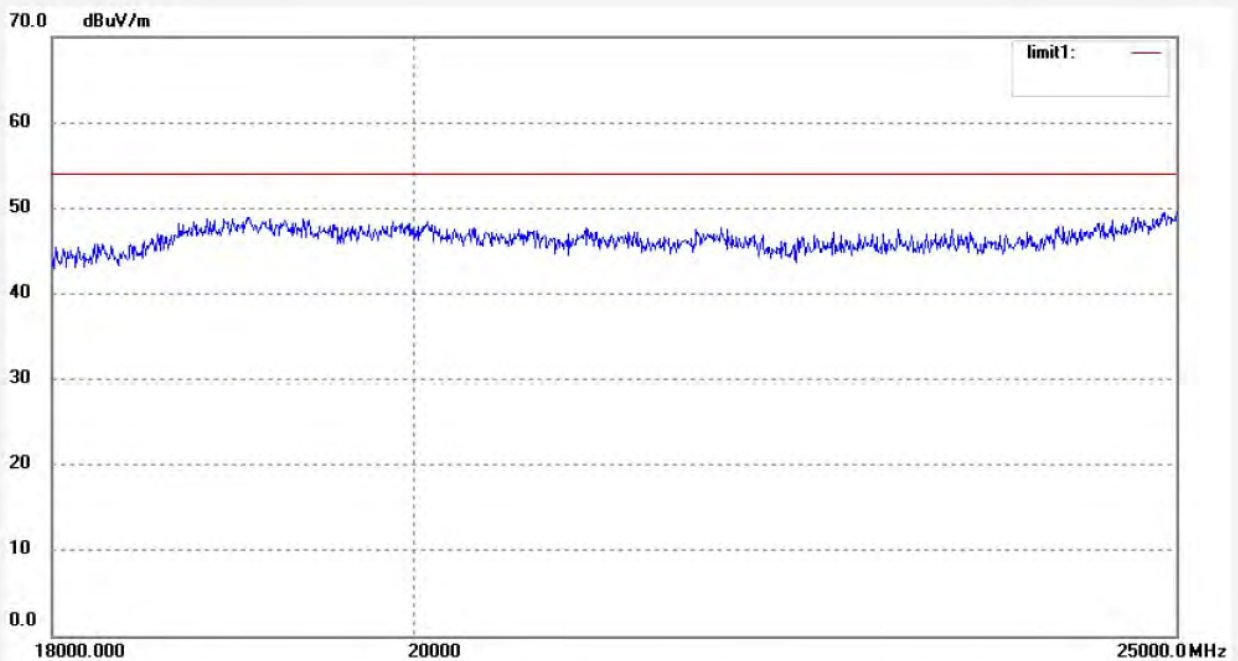
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #895	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:19:19
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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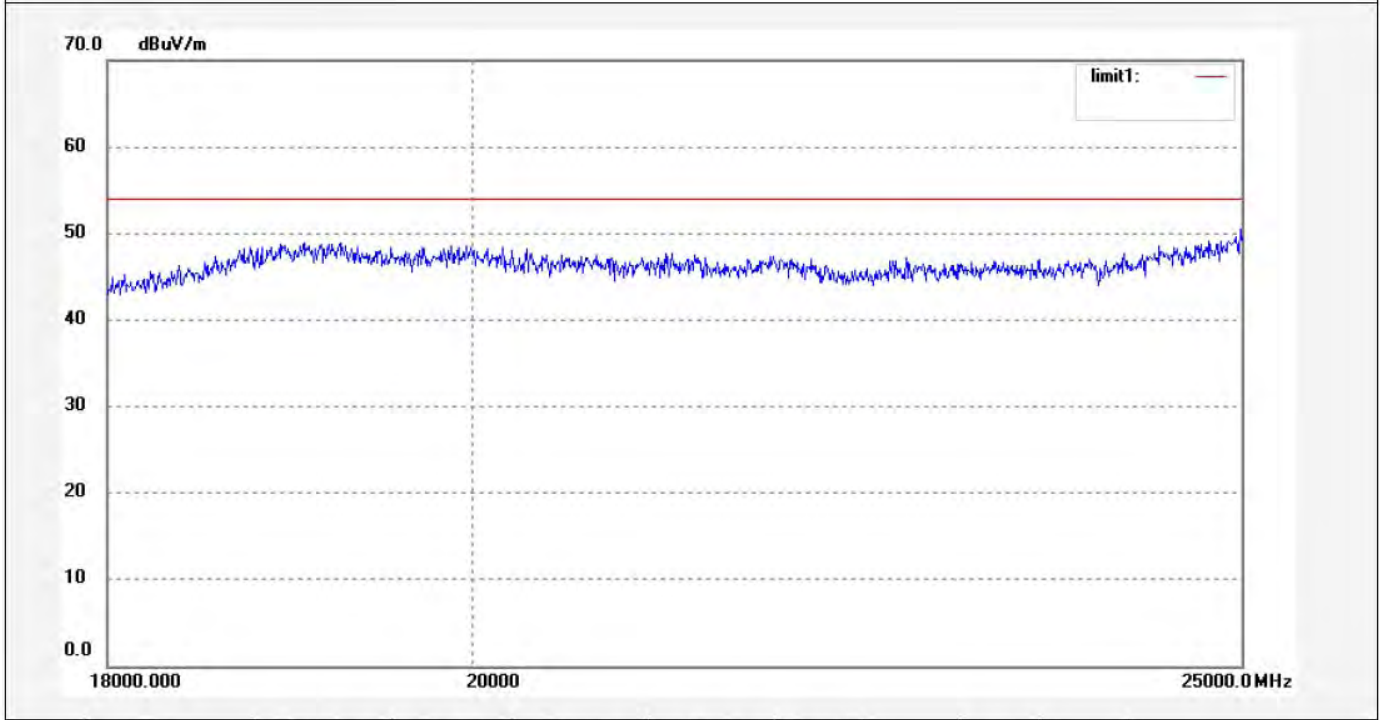
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #894	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:16:50
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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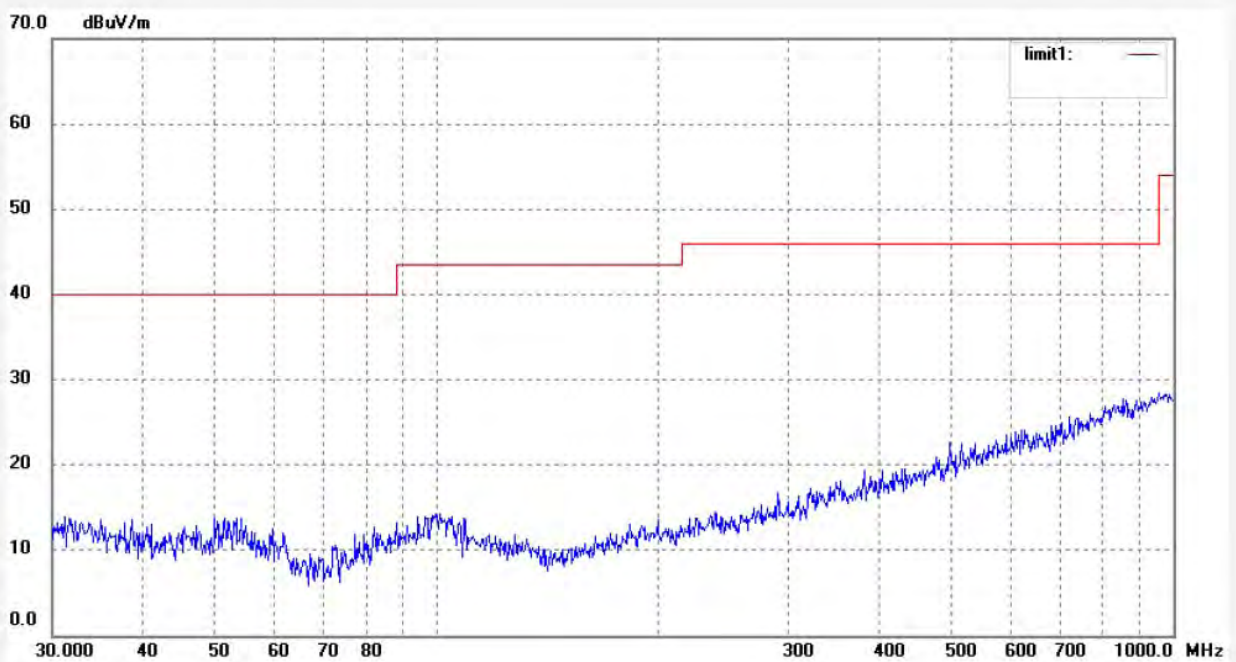
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #3	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/02/31
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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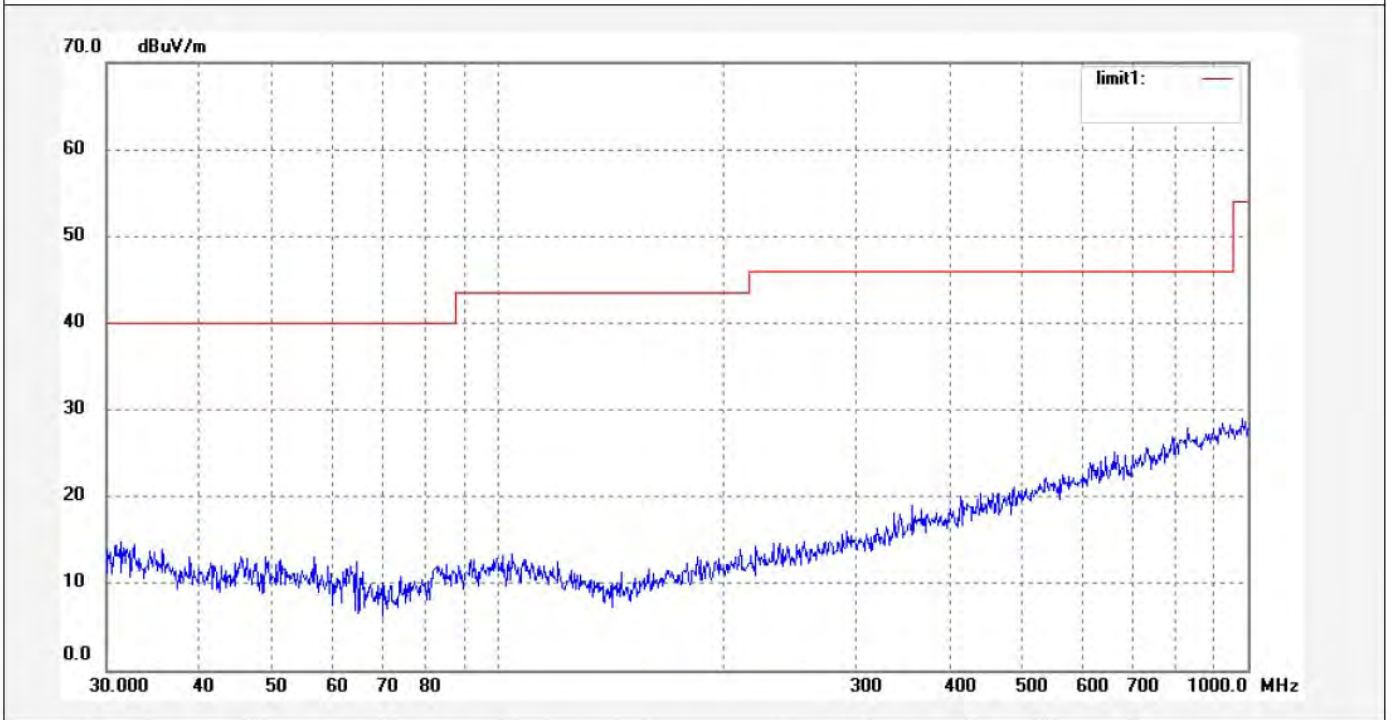
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #4	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/05/45
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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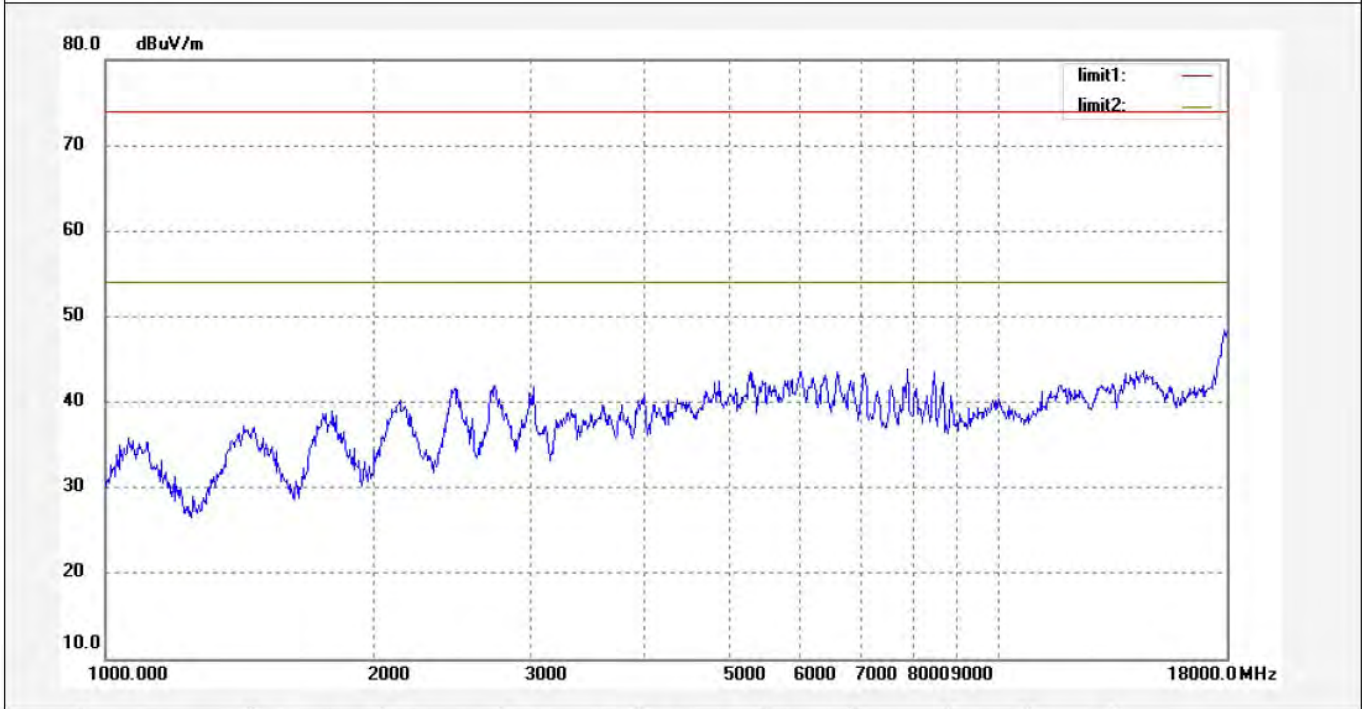
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #16	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/38/12
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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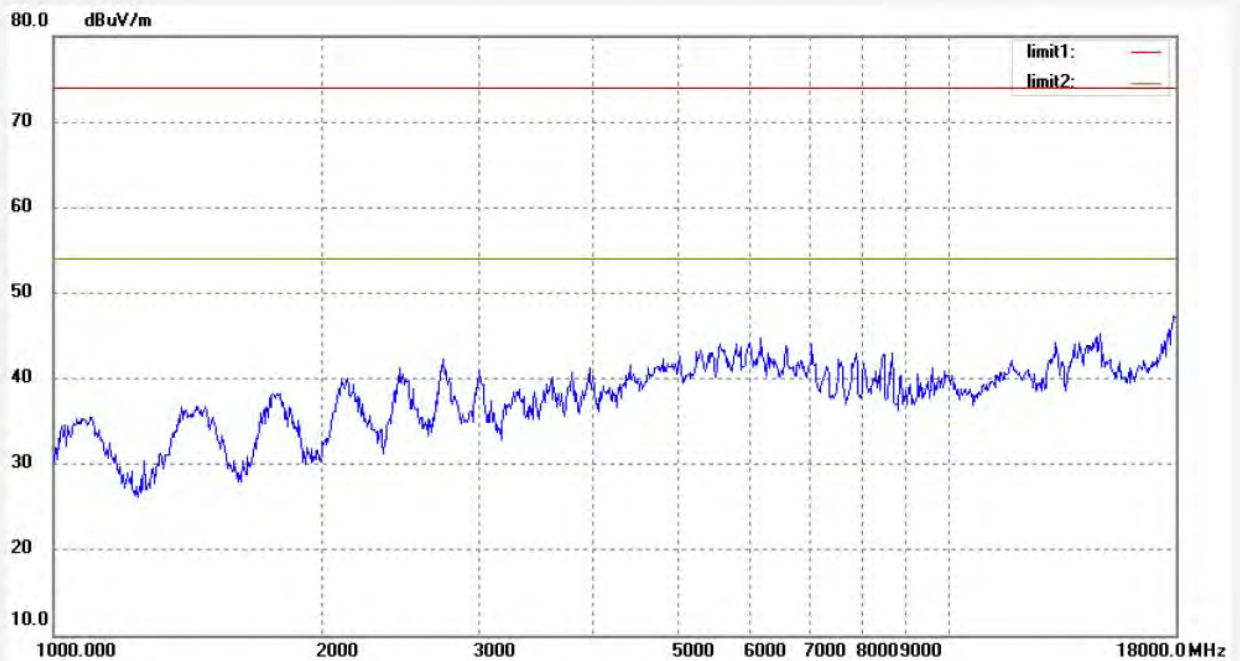
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #15	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/35/16
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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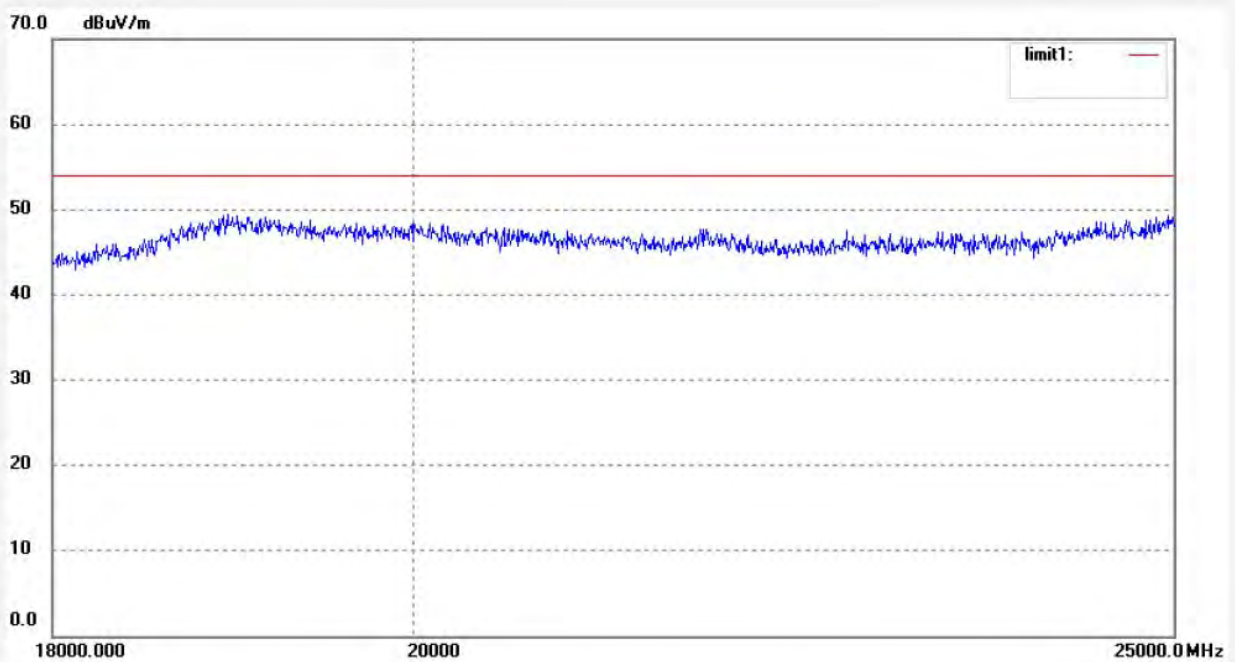
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #896	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:22:46
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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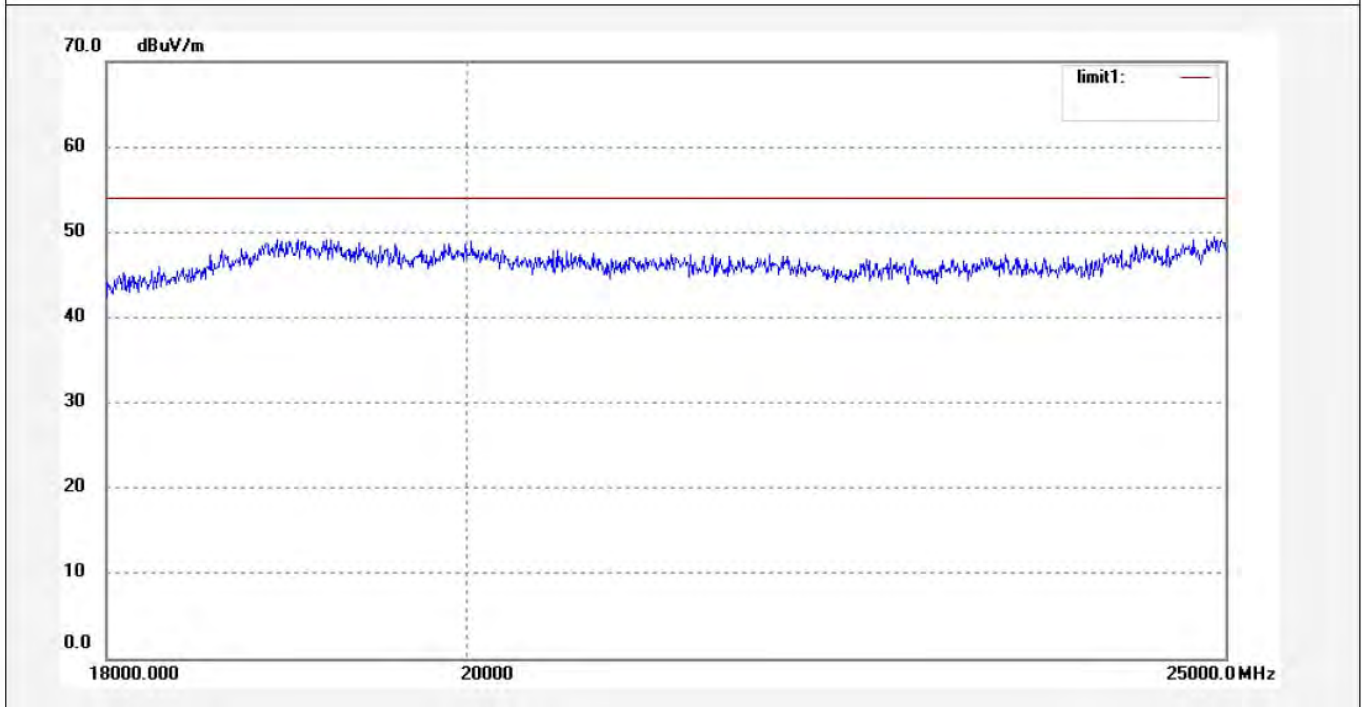
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #897	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:26:37
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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8DPSK (3Mbps)



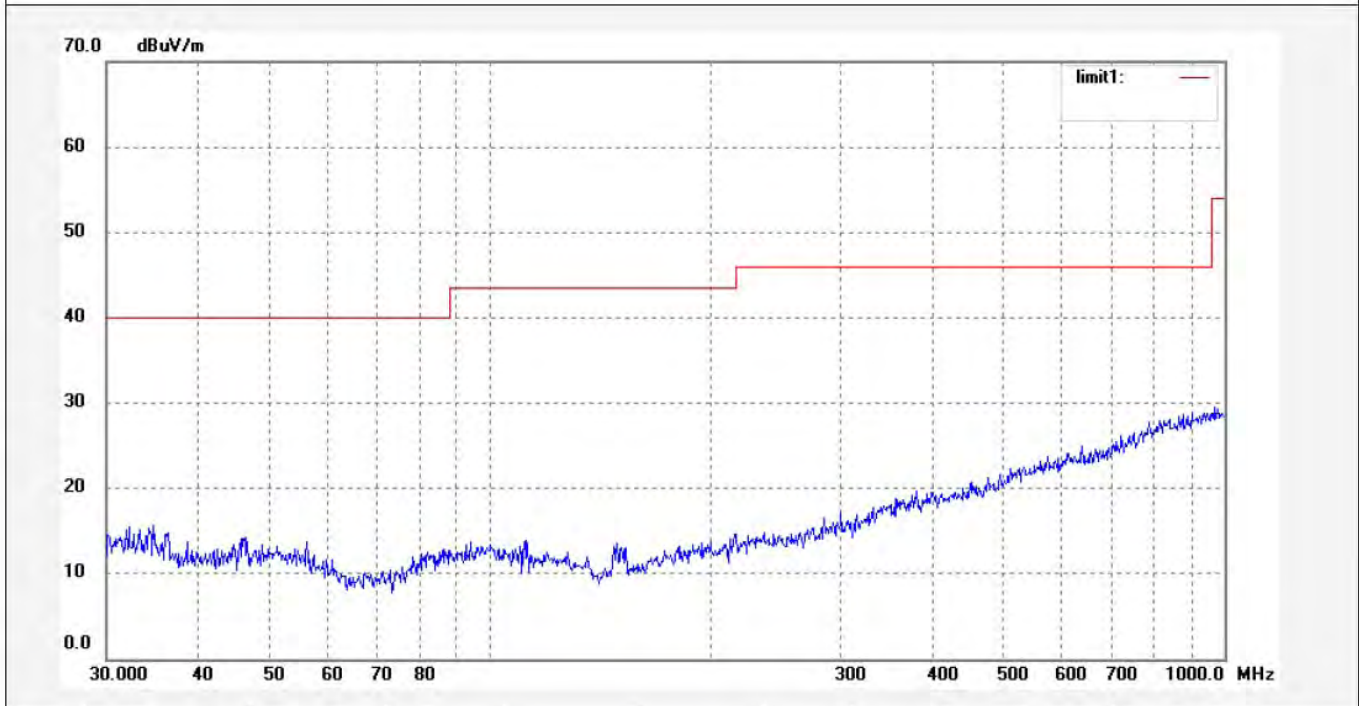
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #6	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/11/11
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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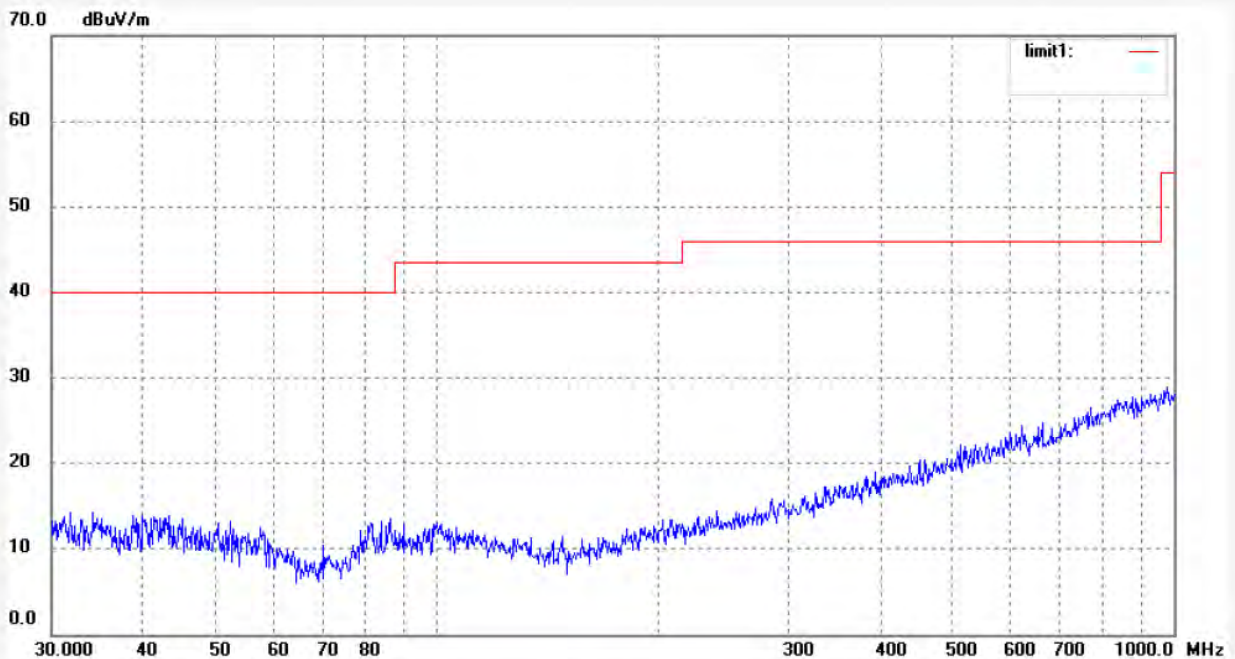
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #5	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/08/42
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark



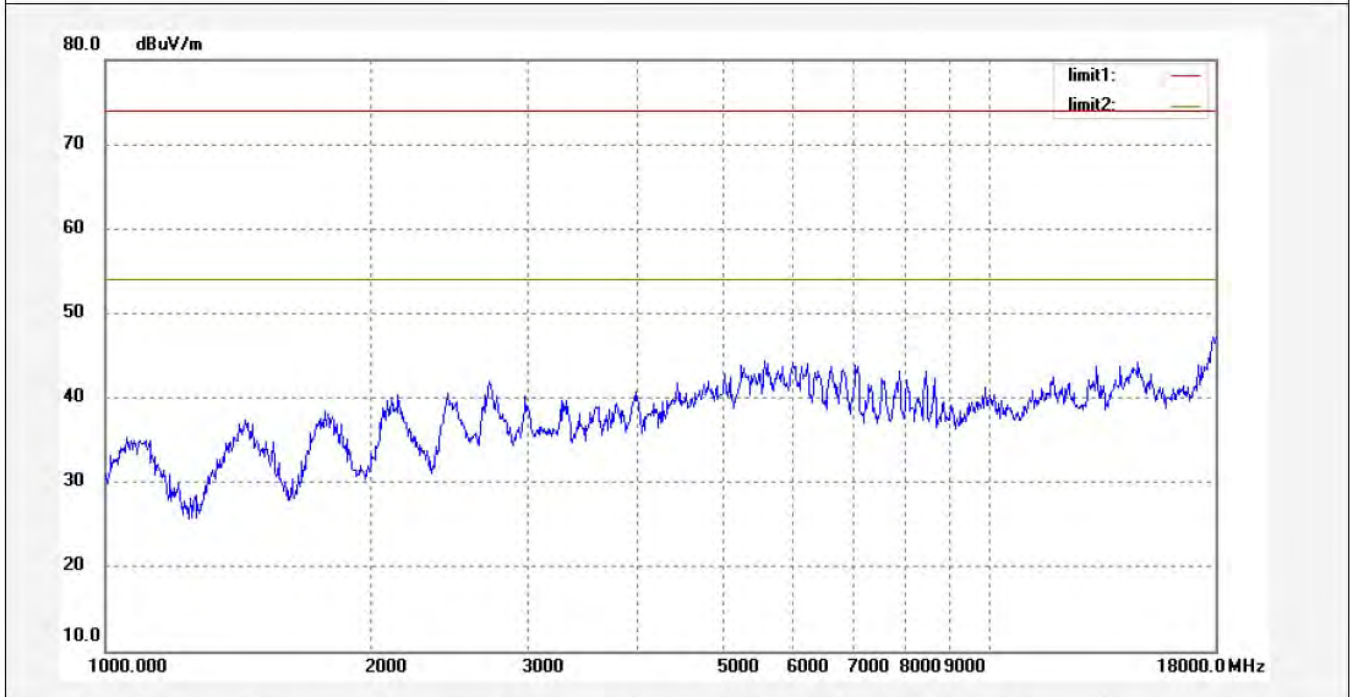
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #17	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/40/00
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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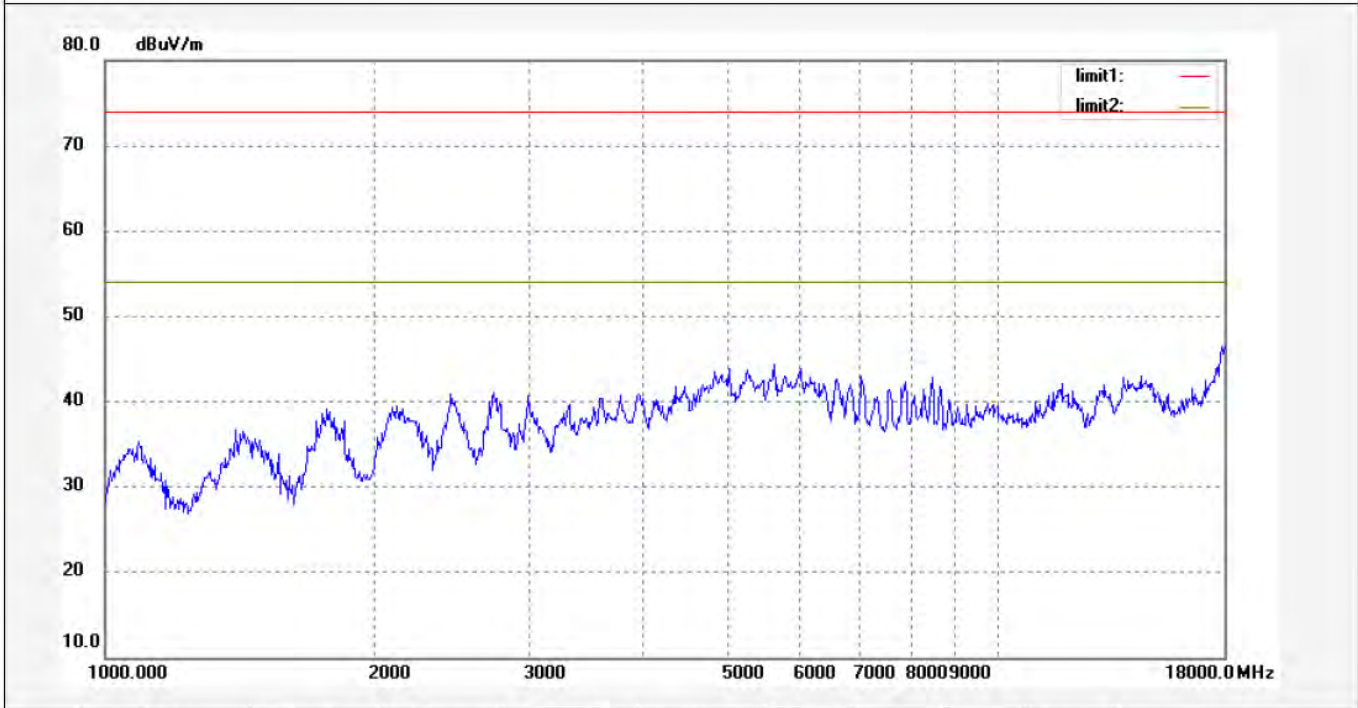
ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #18	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/42/57
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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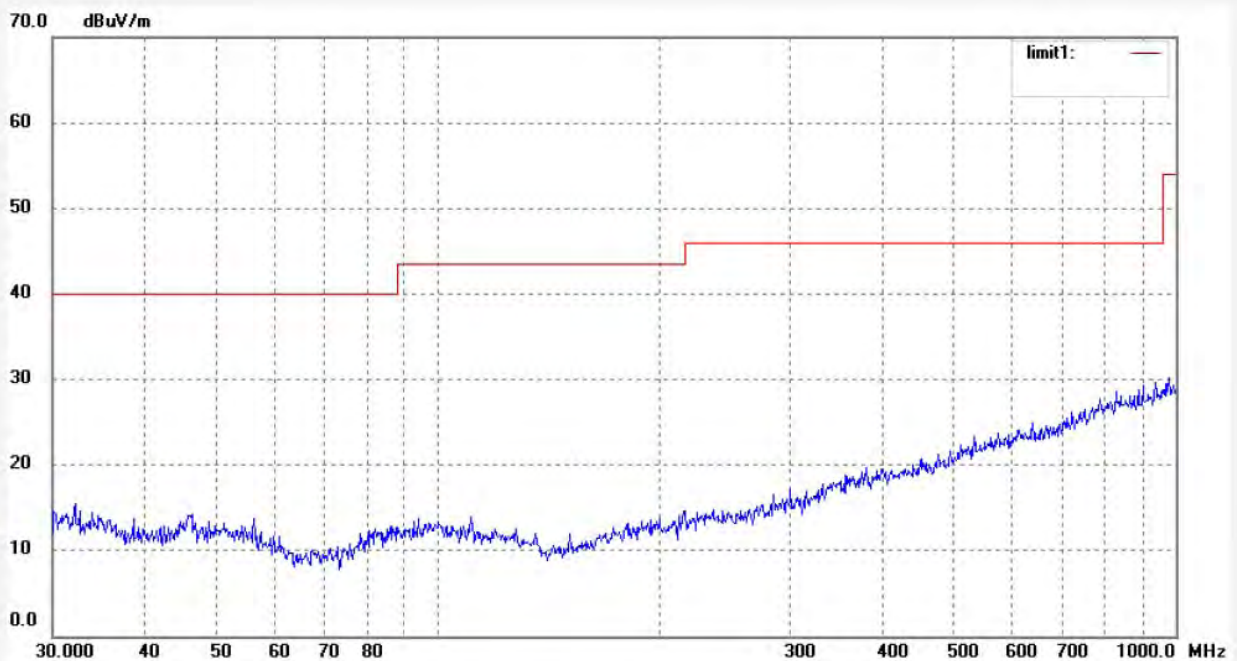
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #12	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/26/18
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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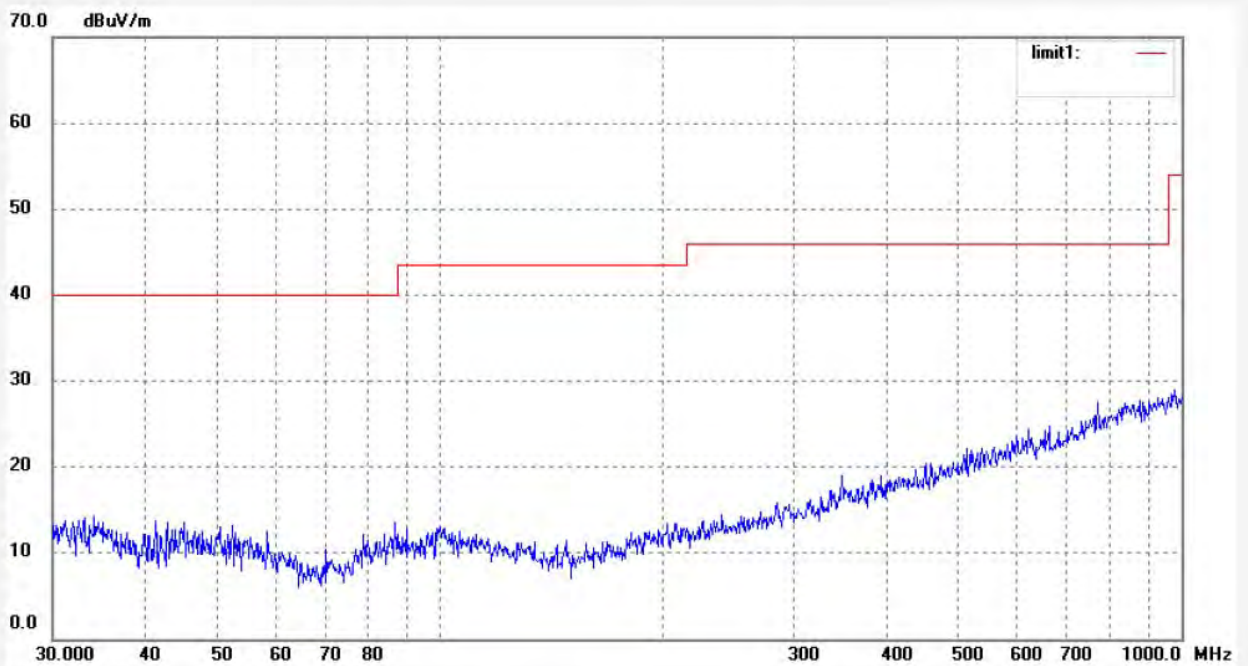
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #11	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/23/25
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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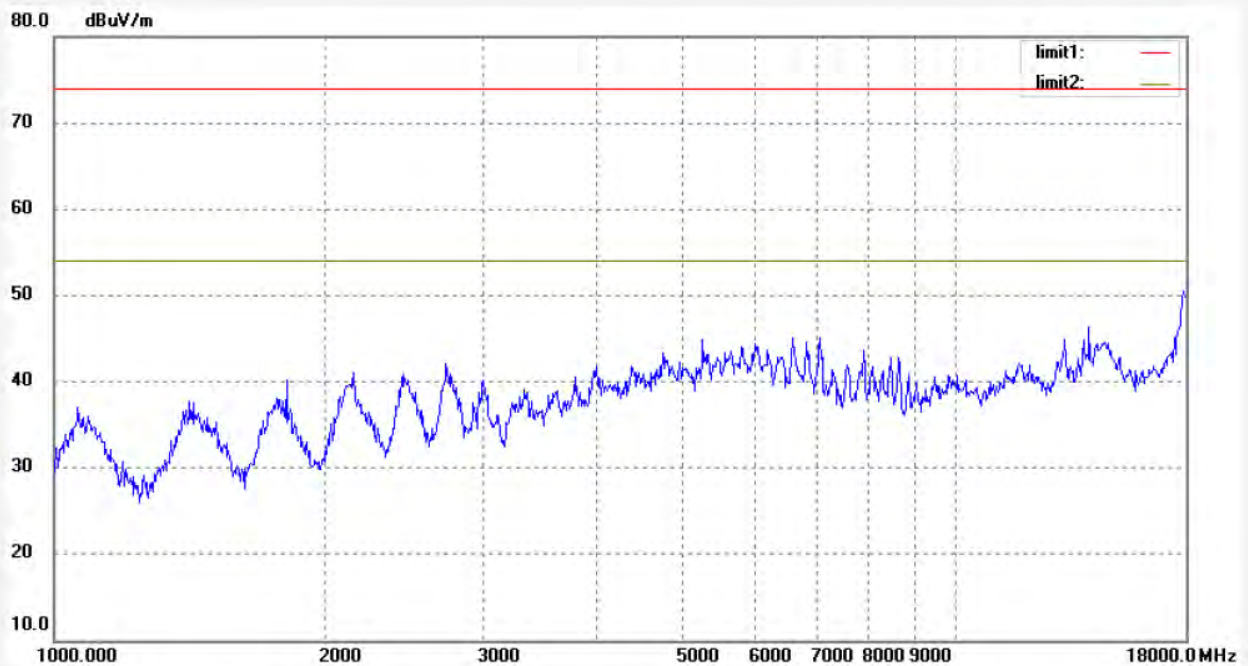
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #19	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/45/59
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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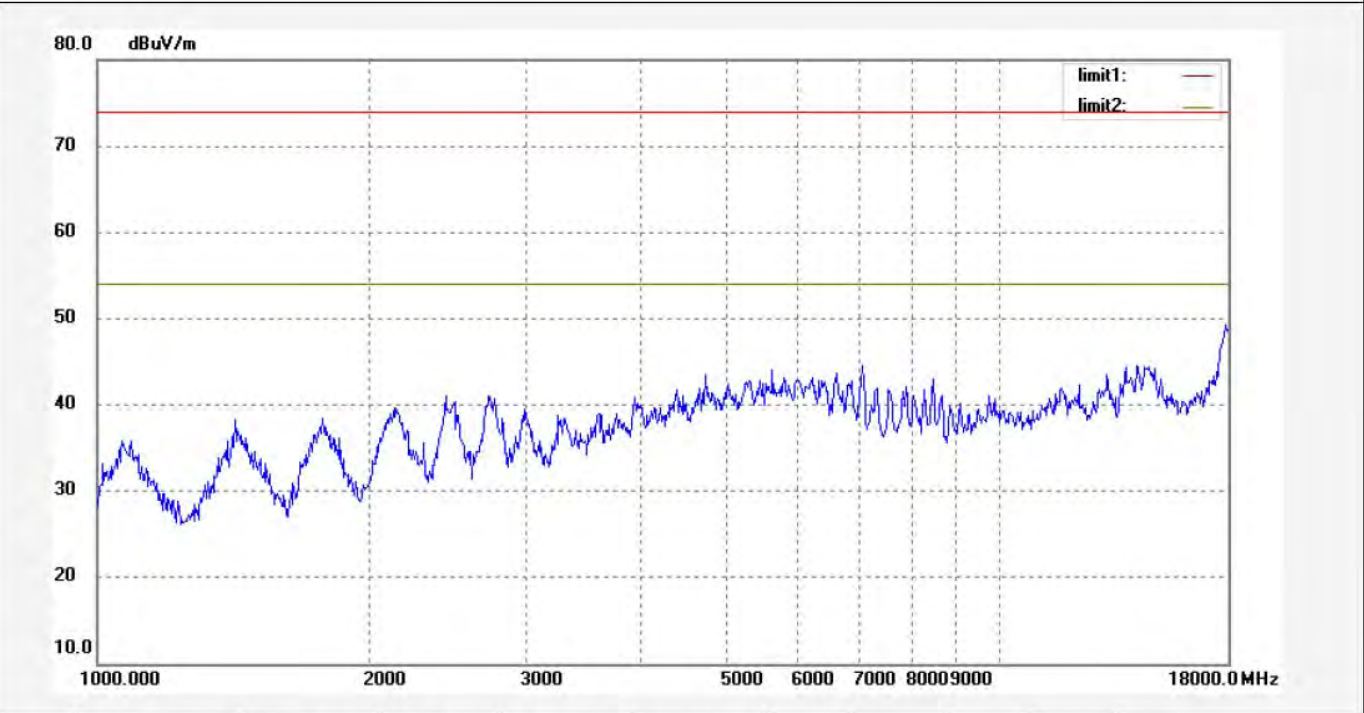
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #20	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/50/36
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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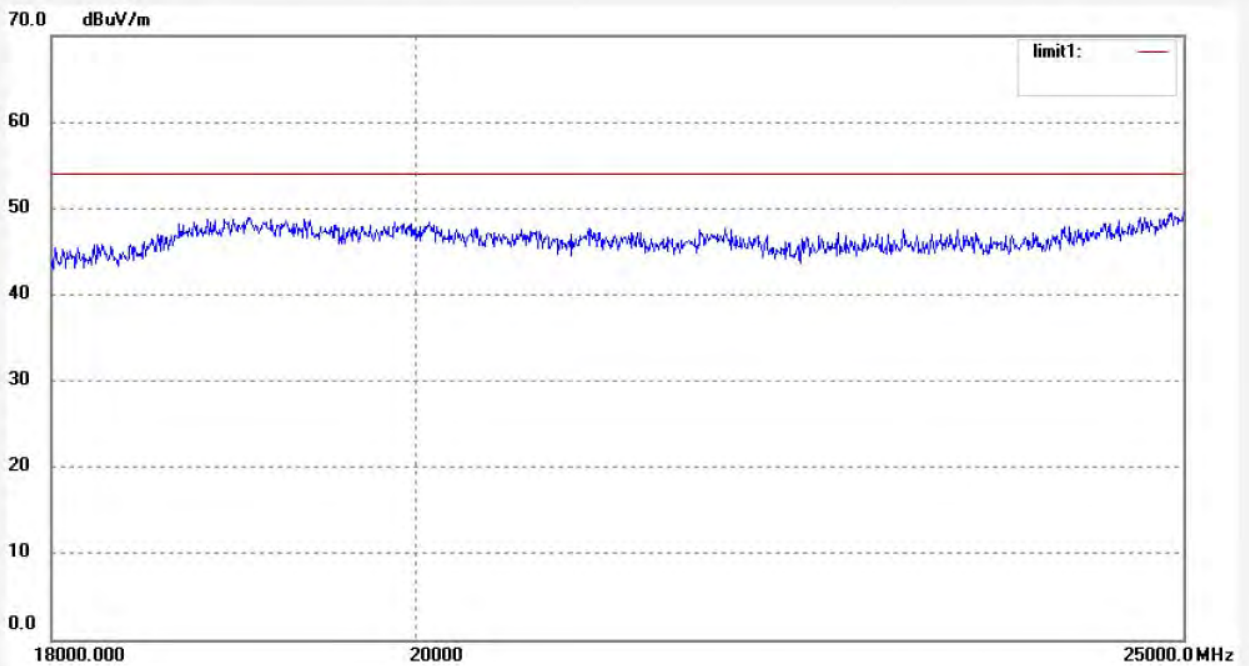
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #895	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 13:57:20
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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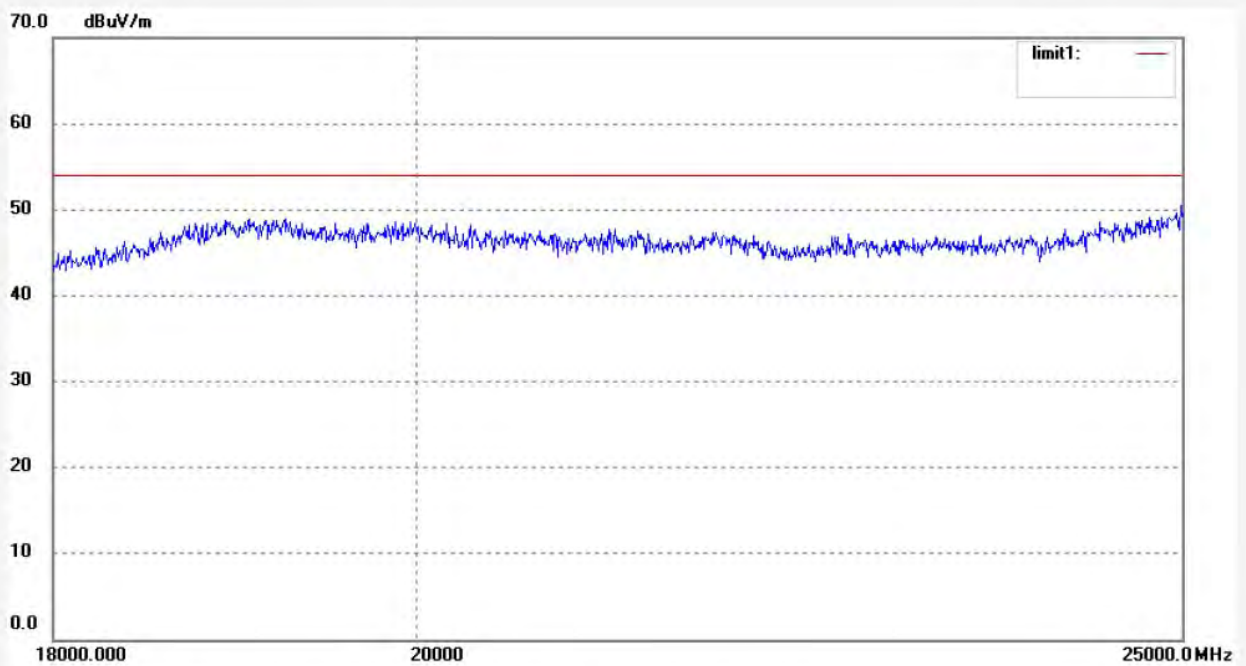
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Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #894	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 13:52:35
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2402	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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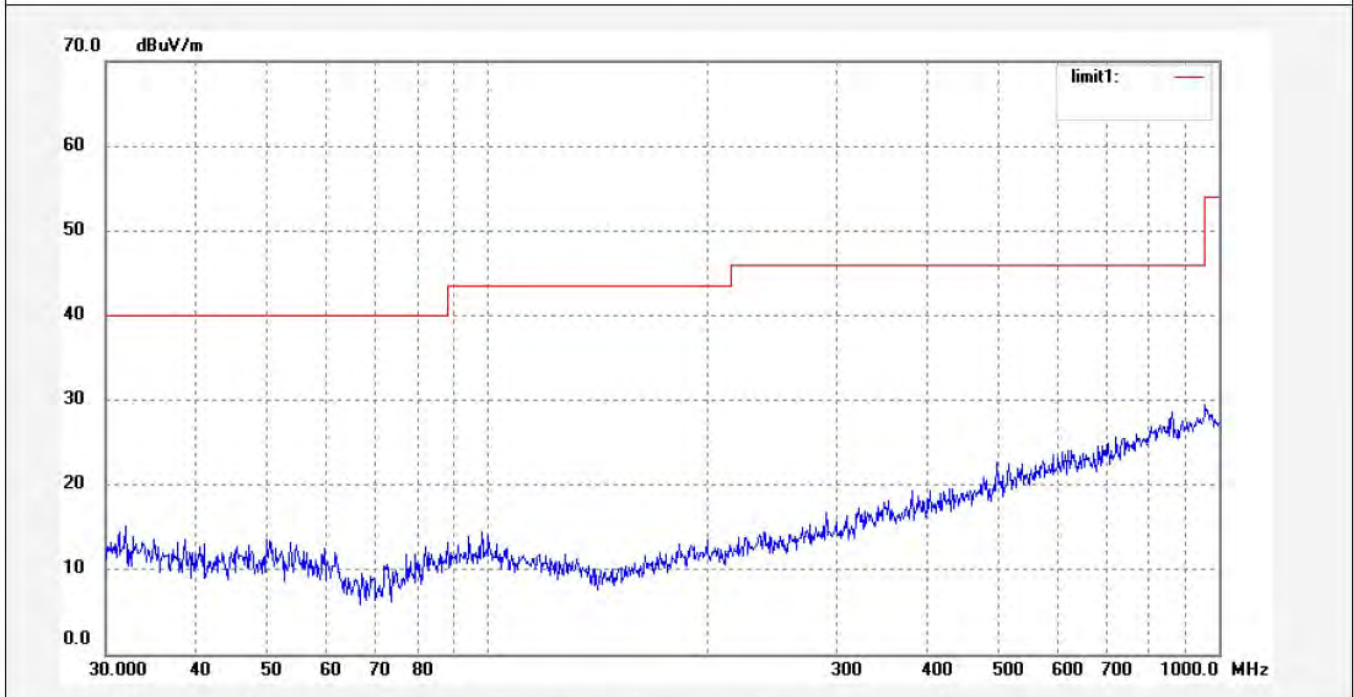
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #9	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/16/41
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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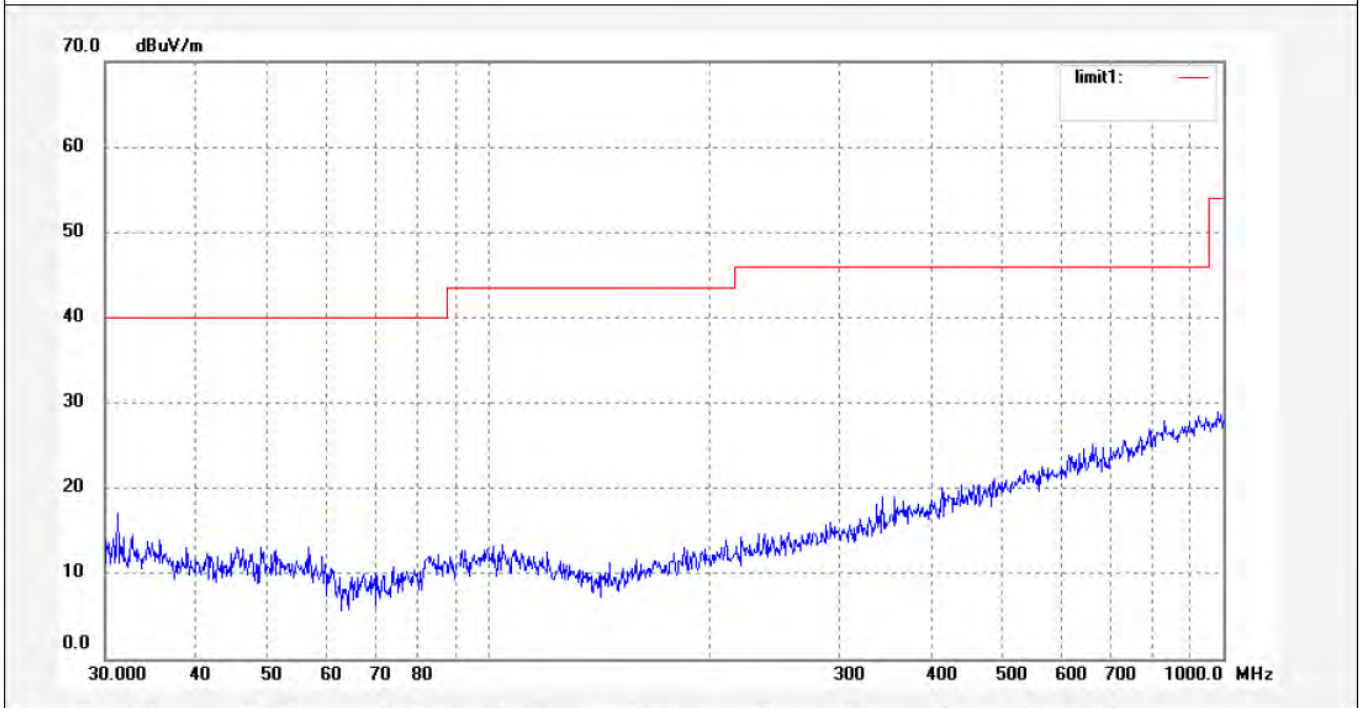
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #10	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/19/18
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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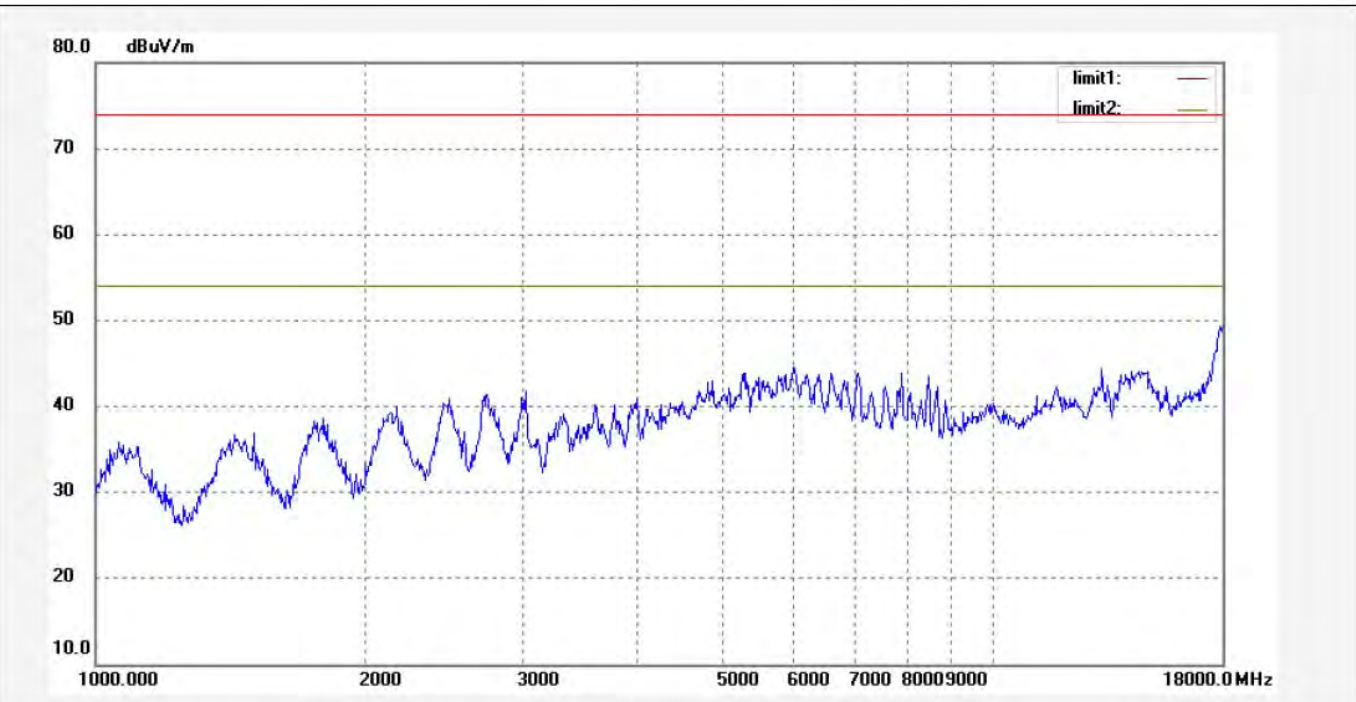
ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #22	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/55/33
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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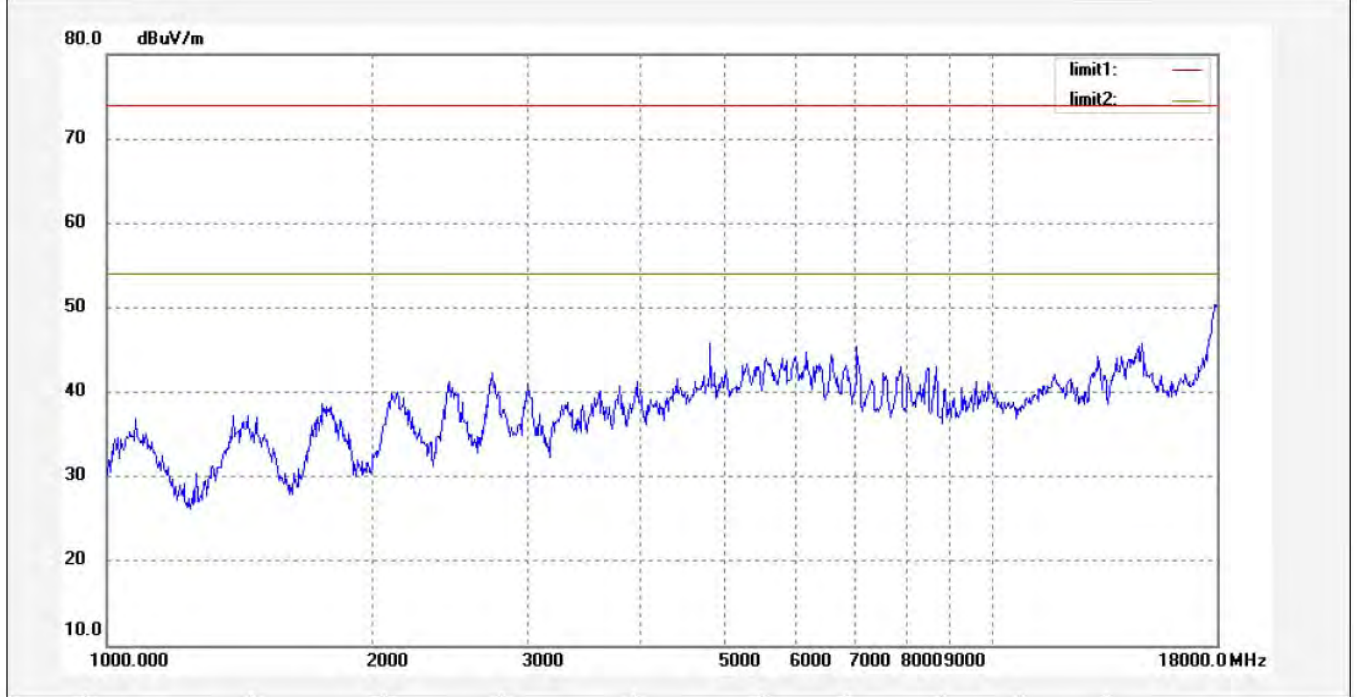
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY6 #21	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/53/27
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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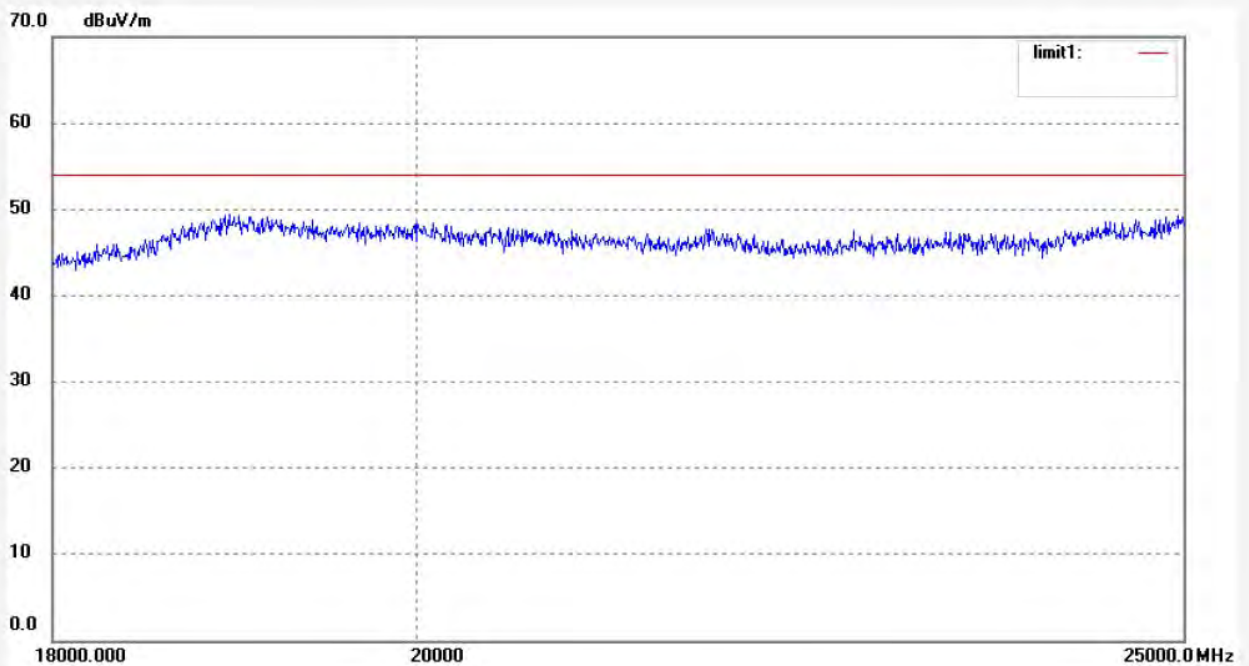
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #896	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 13:59:58
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark



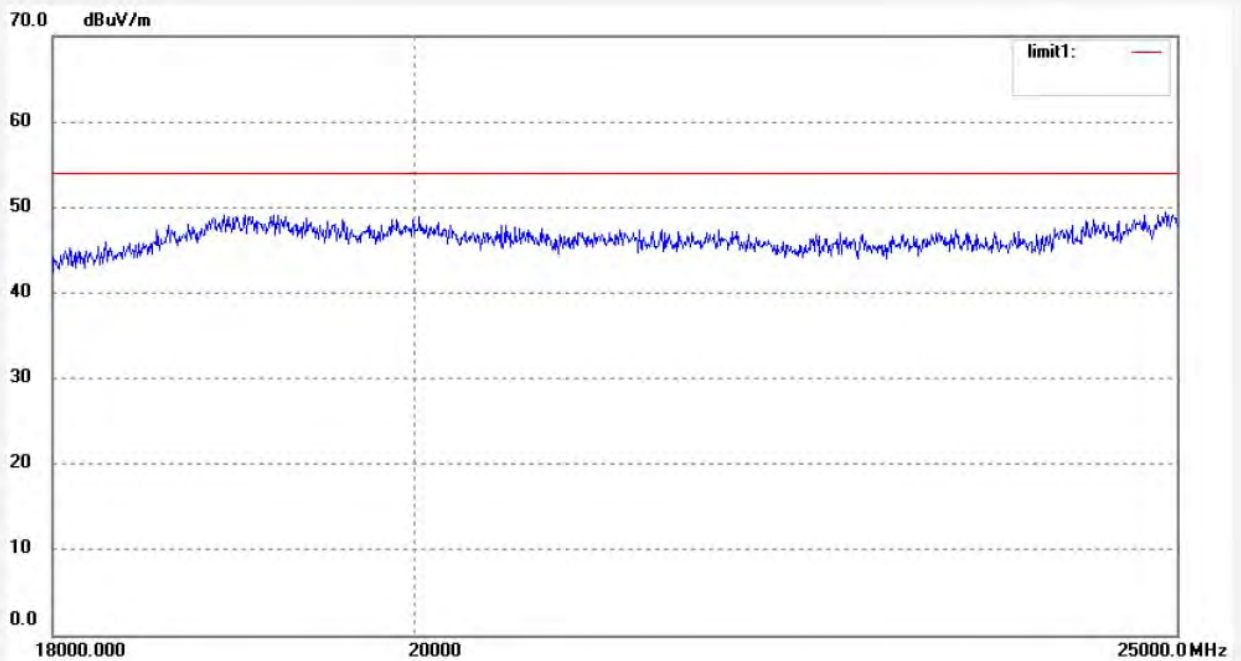
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #897	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:03:12
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2441	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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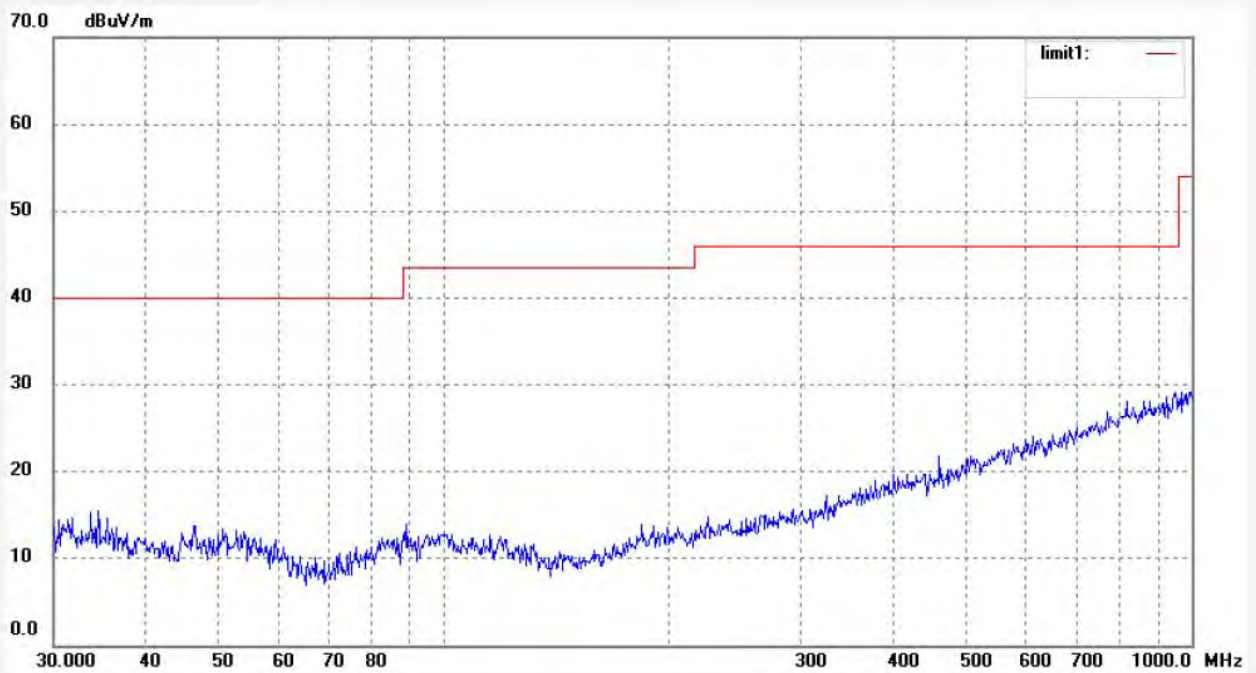
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #8	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/17/39
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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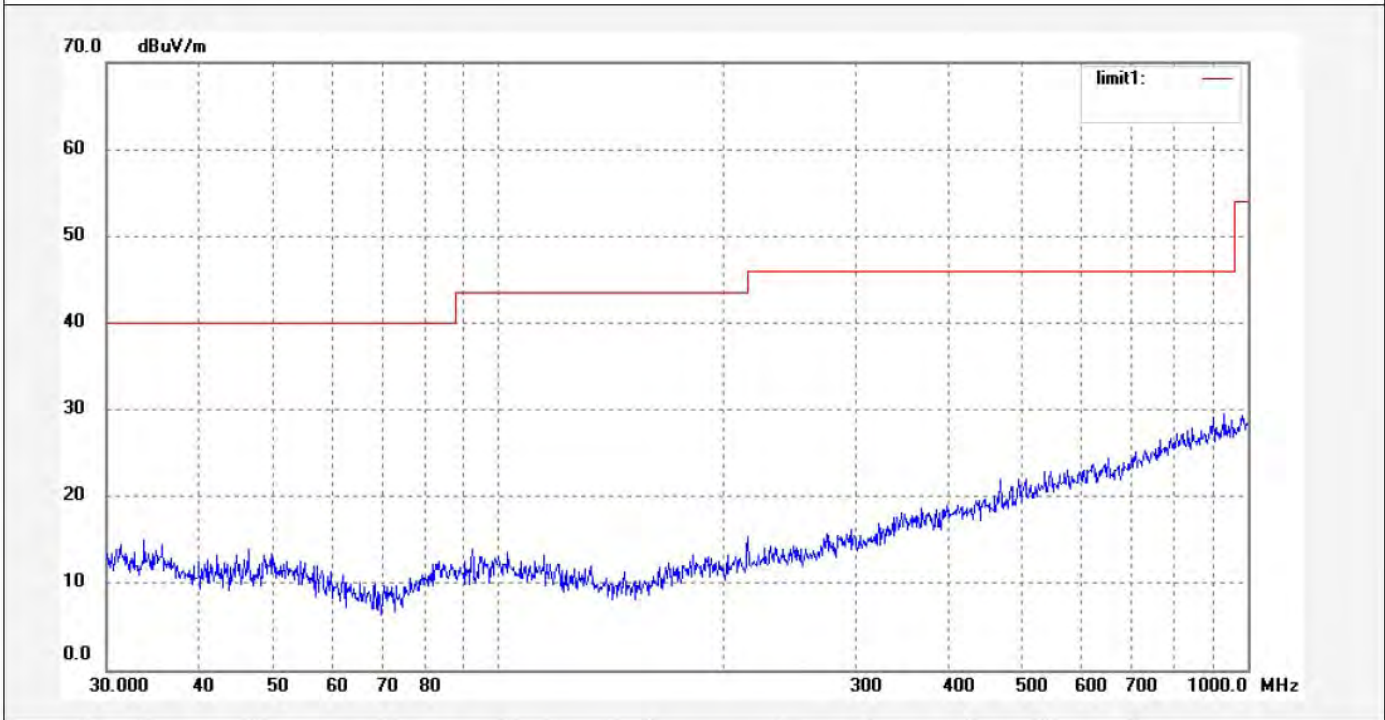
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #7	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 10/14/25
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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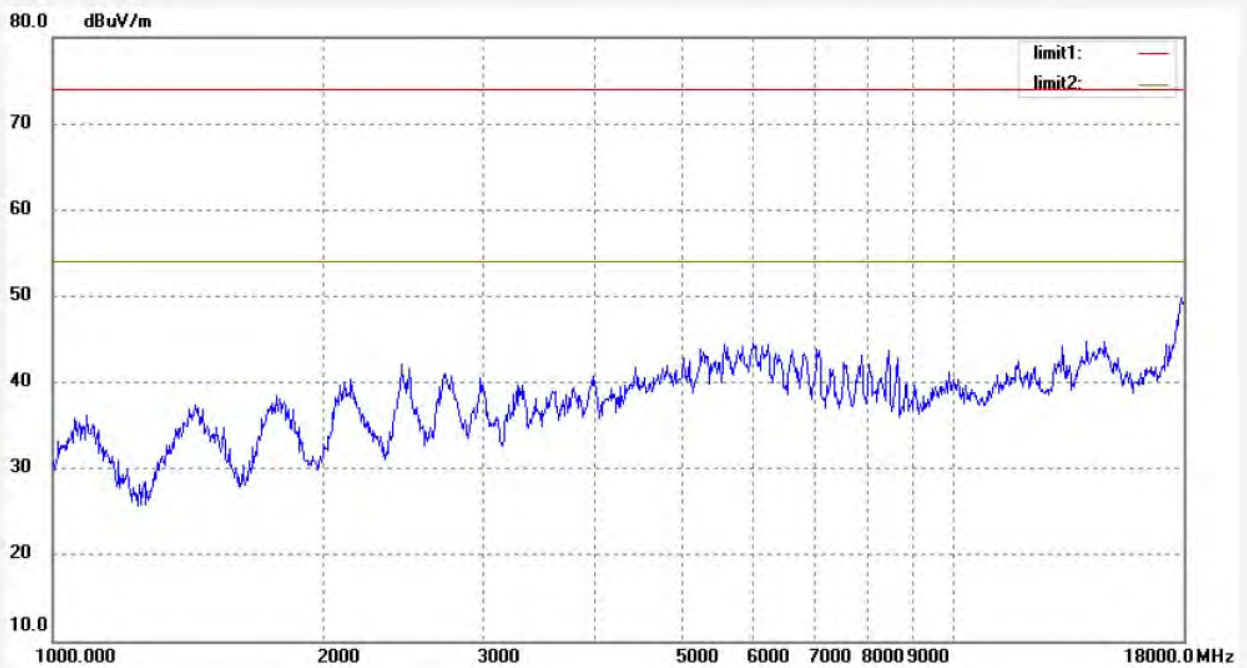
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #23	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/58/15
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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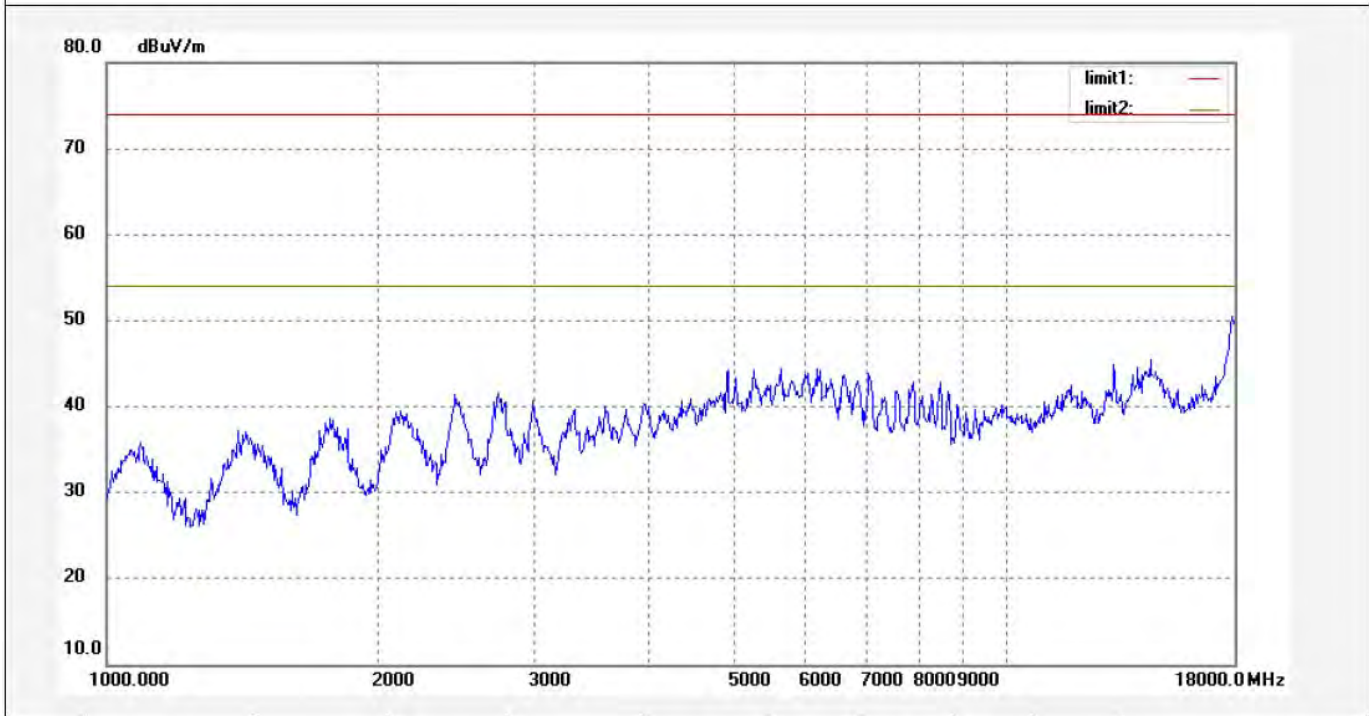
ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: RUCKY6 #24	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11/05/23
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480MHz	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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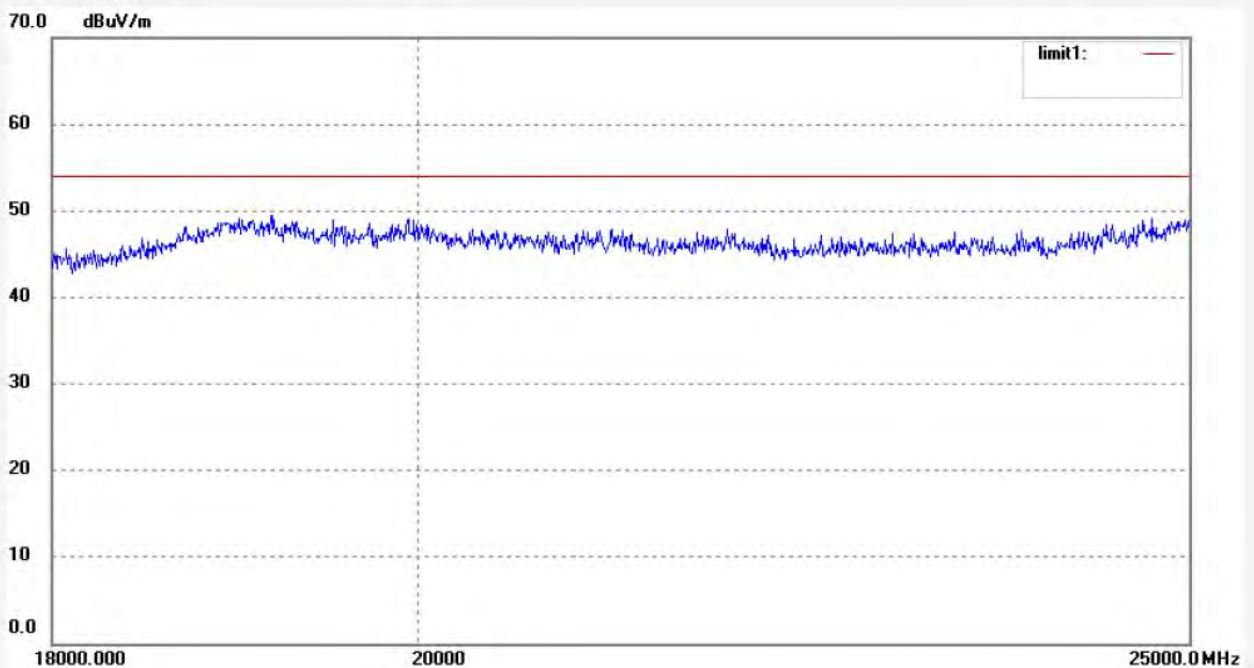
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #899	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:13:26
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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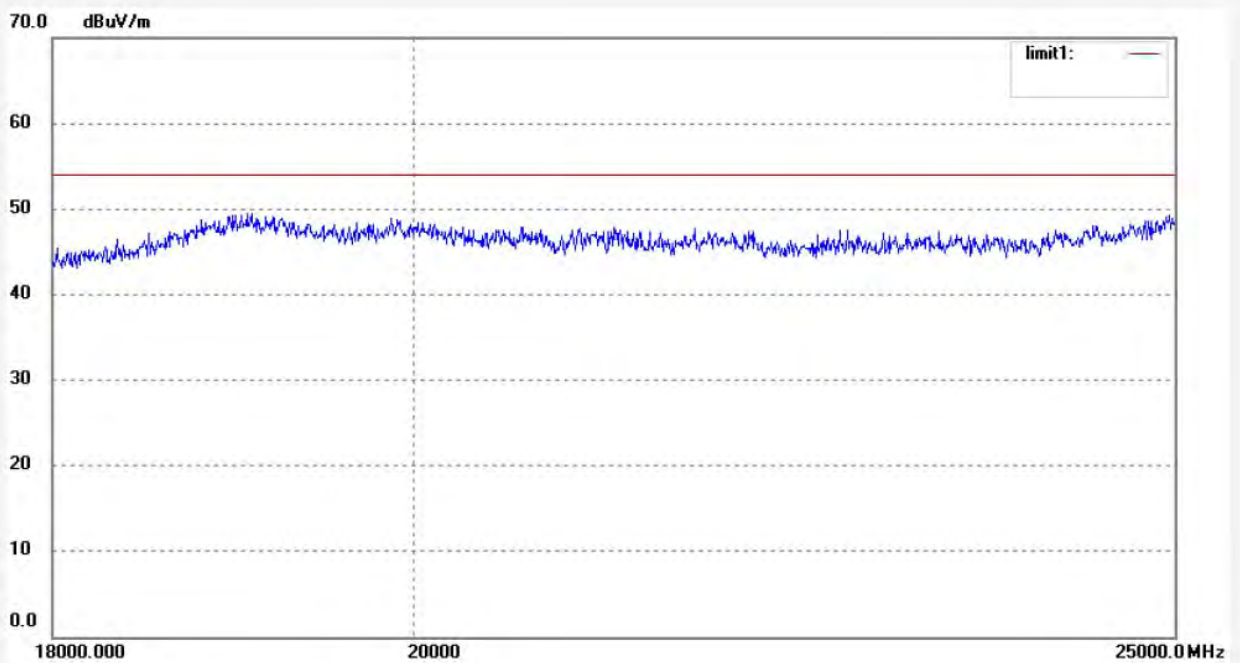
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Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #898	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2013/03/27
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:09:46
EUT: Bluetooth CD/Radio Boombox	Engineer Signature: Ricky
Mode: TX 2480	Distance: 3m
Model: IBC233	
Manufacturer: Nosanky	

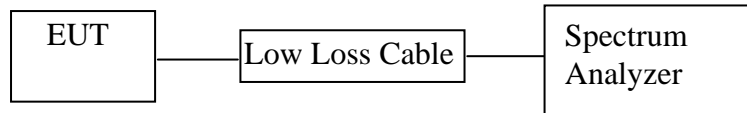
Note: Report No:ATE20130326



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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12. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

12.1. Block Diagram of Test Setup



(EUT: Bluetooth CD/Radio Boombox)

12.2. The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

12.3. EUT Configuration on Measurement

The following equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

12.3.1. Bluetooth CD/Radio Boombox (EUT)

Model Number	:	IBC233
Serial Number	:	N/A
Manufacturer	:	Dongguan Shangzheng Industrial Co., Ltd.

12.4. Operating Condition of EUT

12.4.1. Setup the EUT and simulator as shown as Section 12.1.

12.4.2. Turn on the power of all equipment.

12.4.3. Let the EUT work in TX (Hopping off) modes measure it. The transmit frequency are 2402-2480MHz. We select 2402MHz, 2441MHz, 2480MHz TX frequency to transmit.

12.5. Test Procedure

12.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.

12.5.2. Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).

Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).

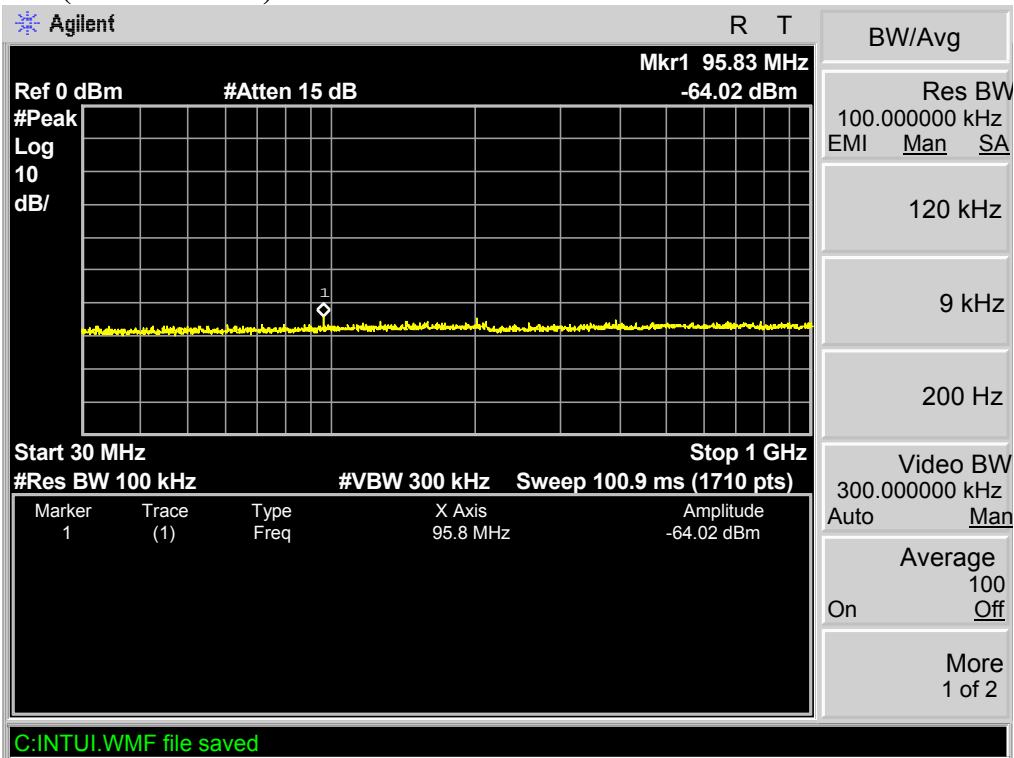
12.5.3. The Conducted Spurious Emission was measured and recorded.

12.6. Test Result

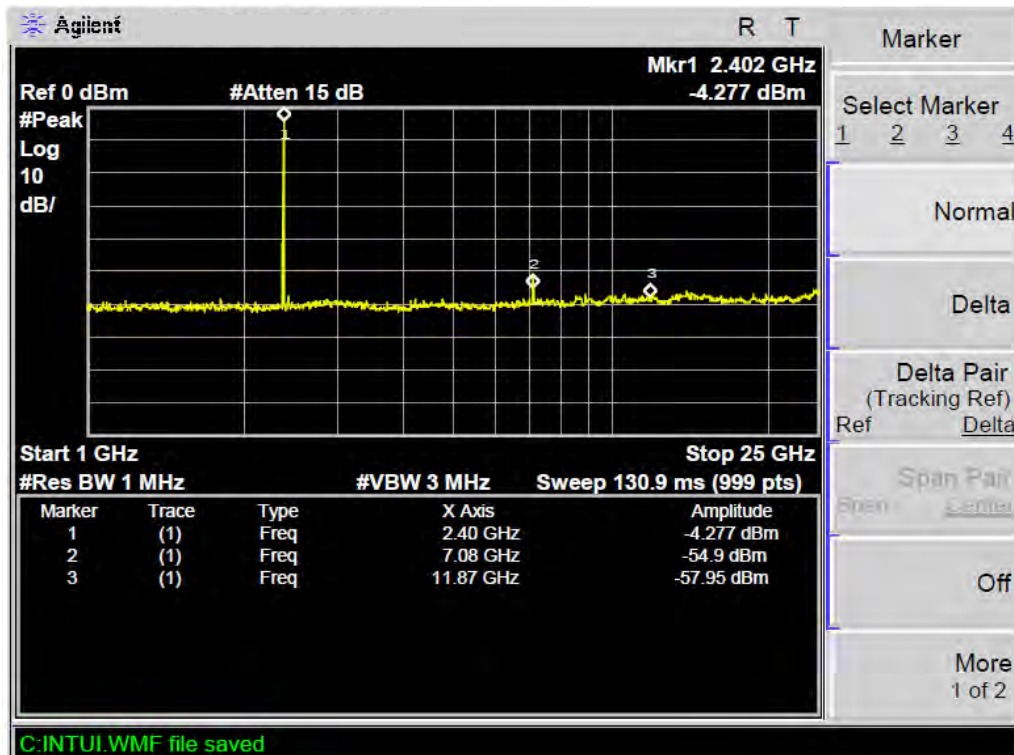
Pass.

The spectrum analyzer plots are attached as below.

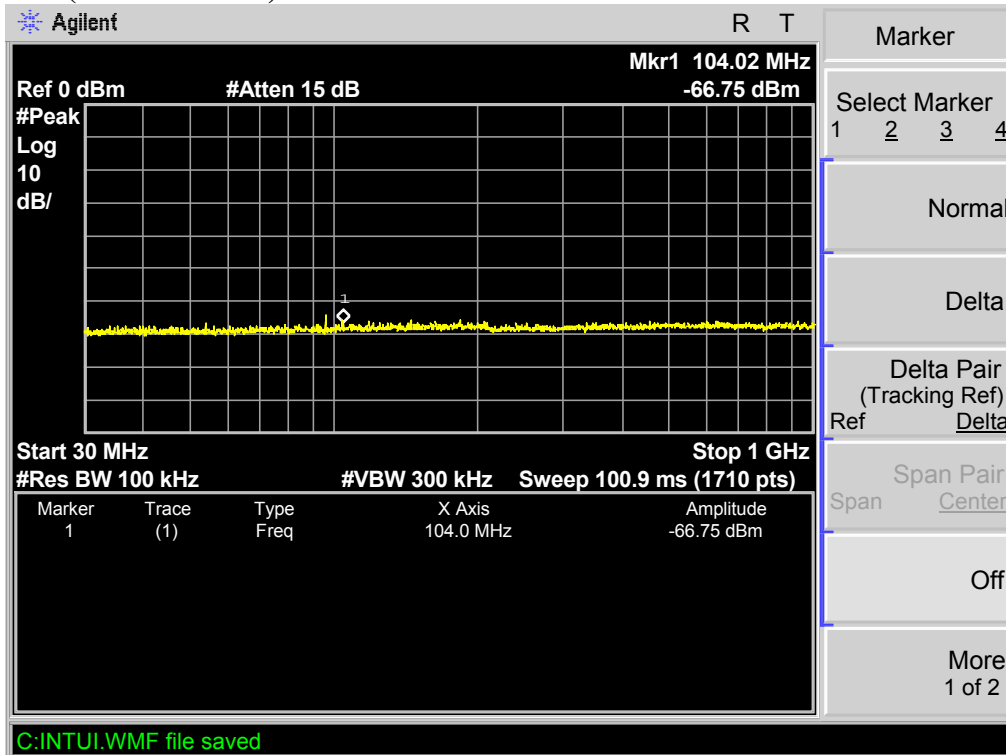
"Spectrum analyzer" is Agilent
 GFSK (1Mbps)
 TX 2402GHz (30MHz-1GHz)



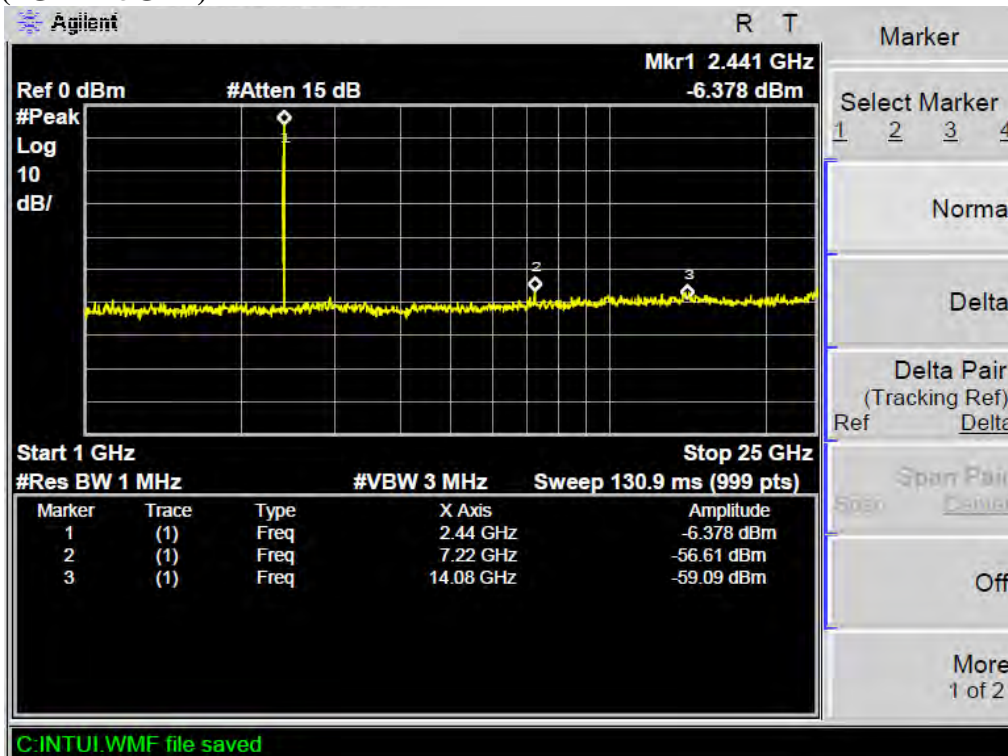
(1GHz-25GHz)



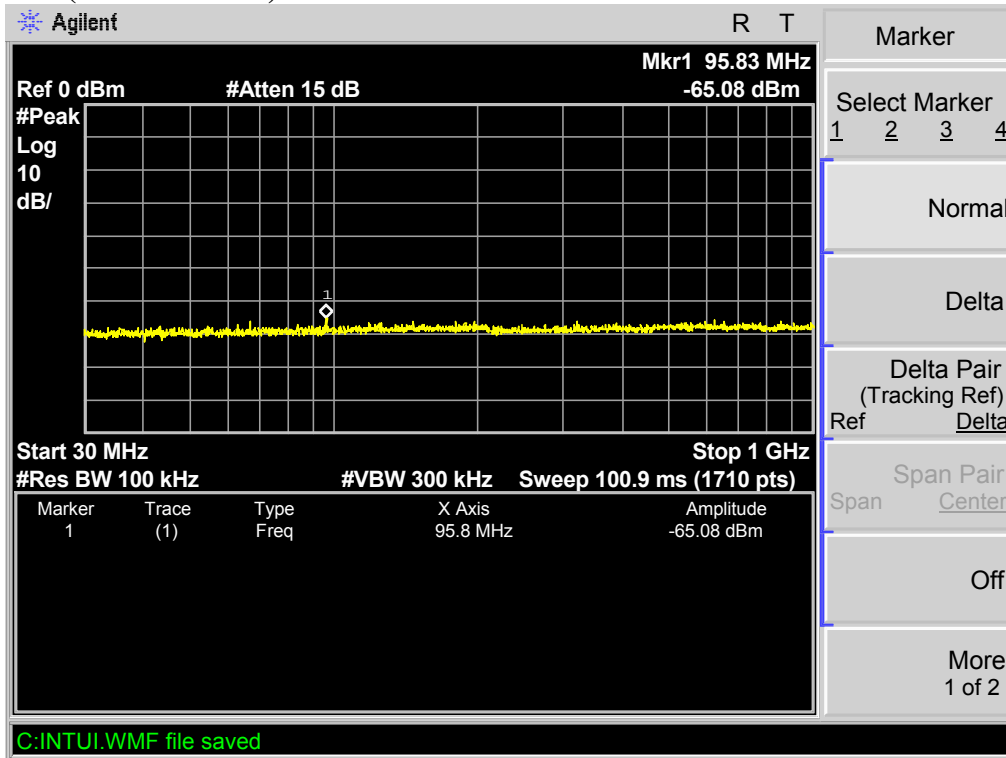
TX 2441GHz (30MHz-1GHz)



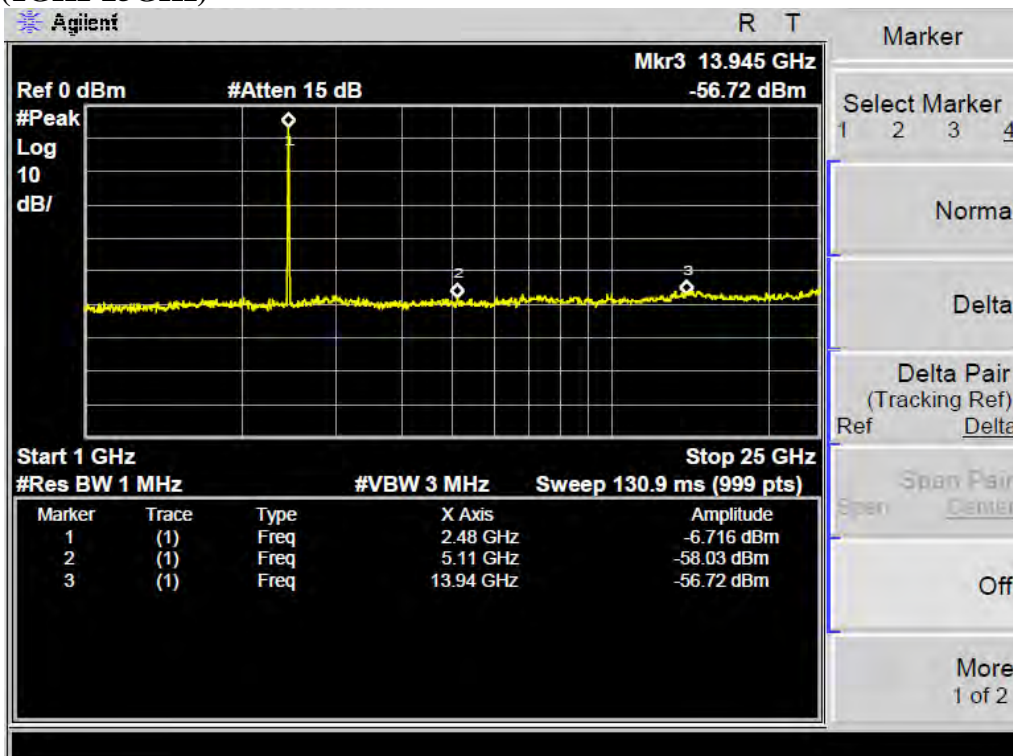
(1GHz-25GHz)



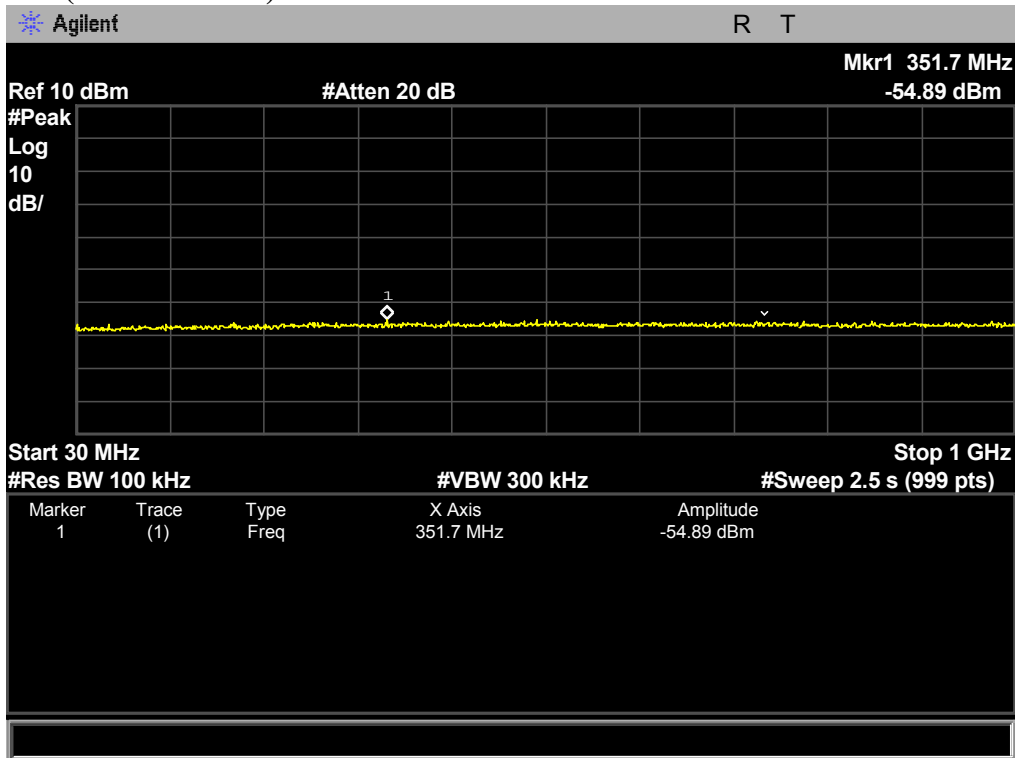
TX 2480GHz (30MHz-1GHz)



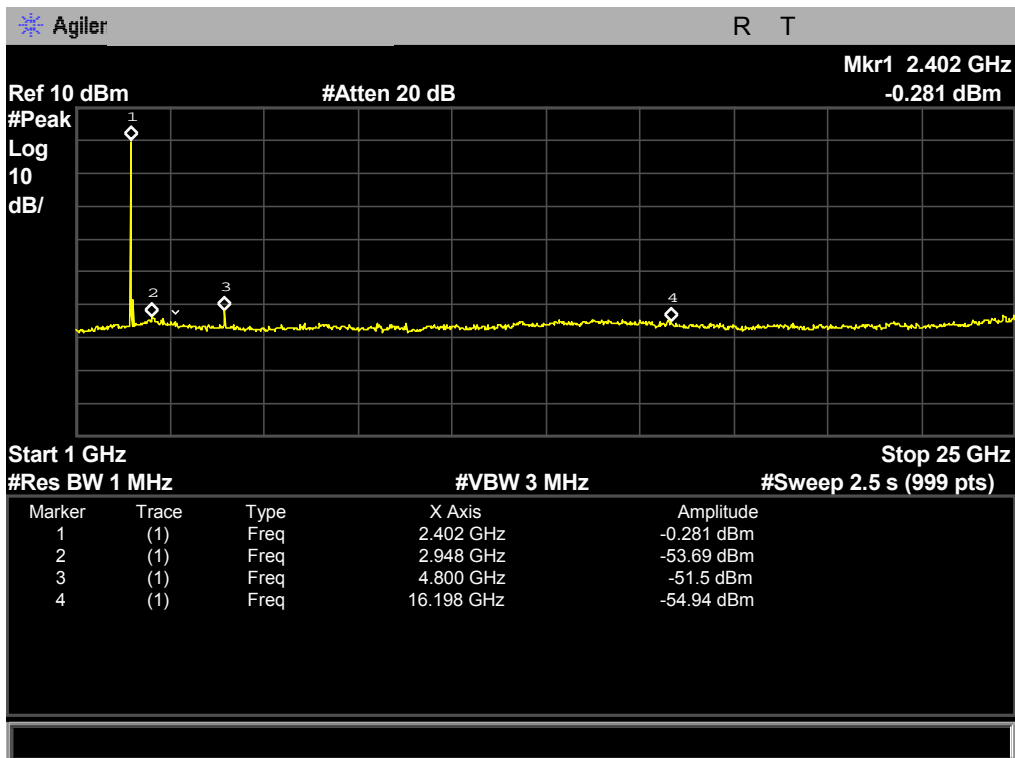
(1GHz-25GHz)



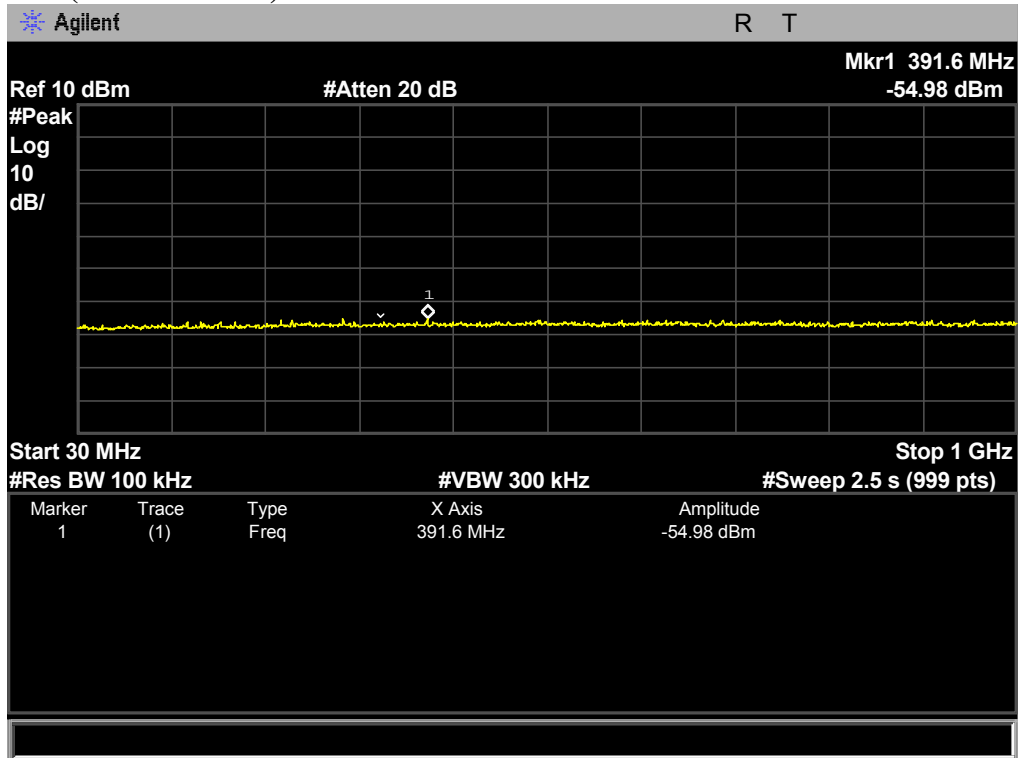
$\pi/4$ DQPSK (2Mbps)
TX 2402GHz (30MHz-1GHz)



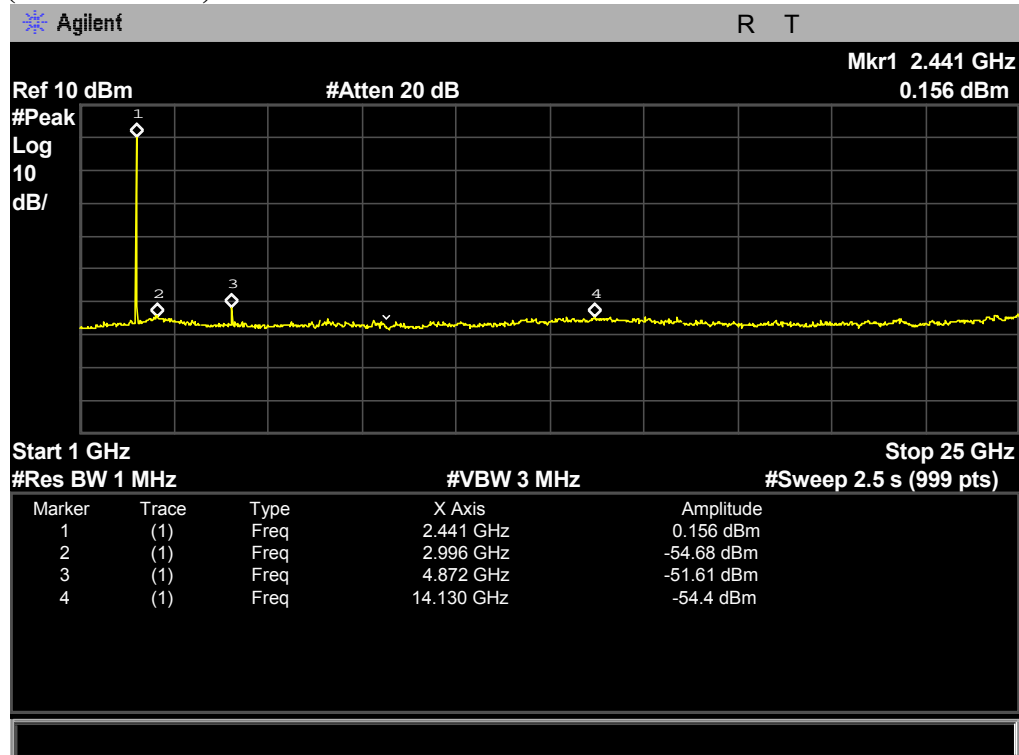
(1GHz-25GHz)



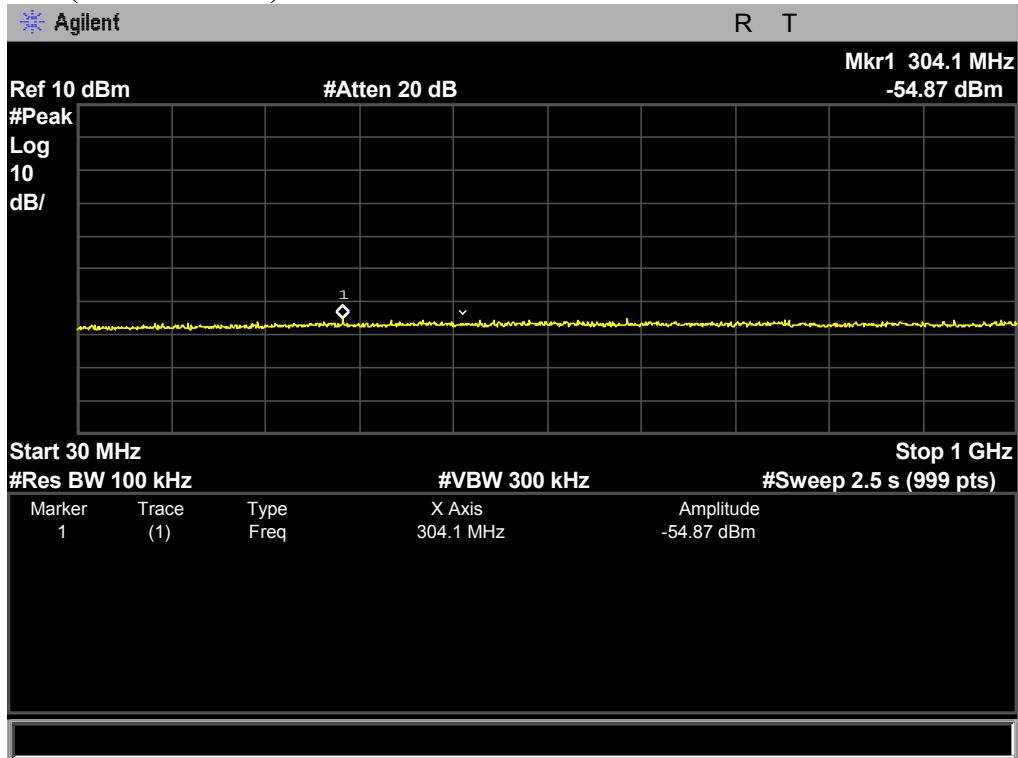
TX 2441GHz (30MHz-1GHz)



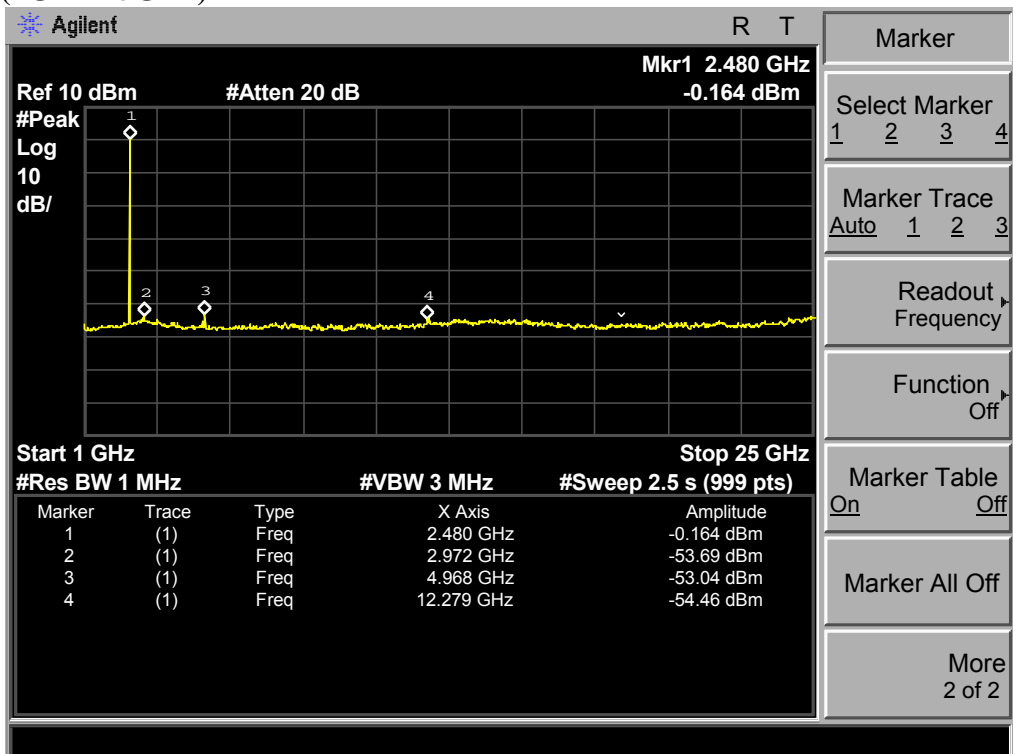
(1GHz-25GHz)



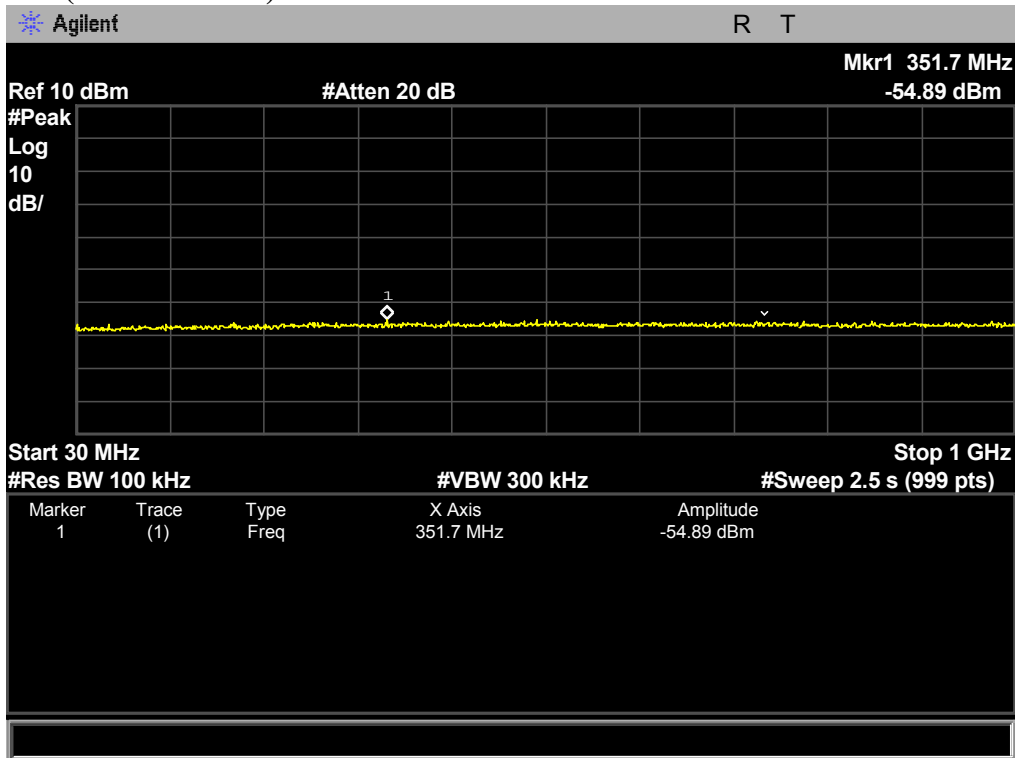
TX 2480GHz (30MHz-1GHz)



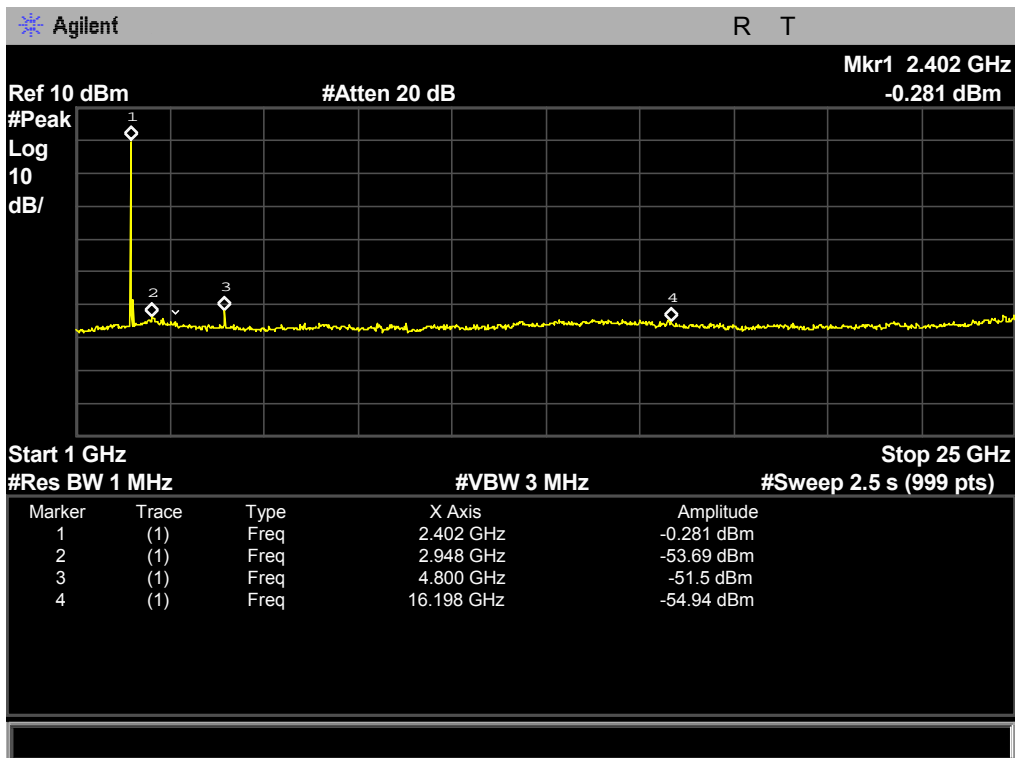
(1GHz-25GHz)



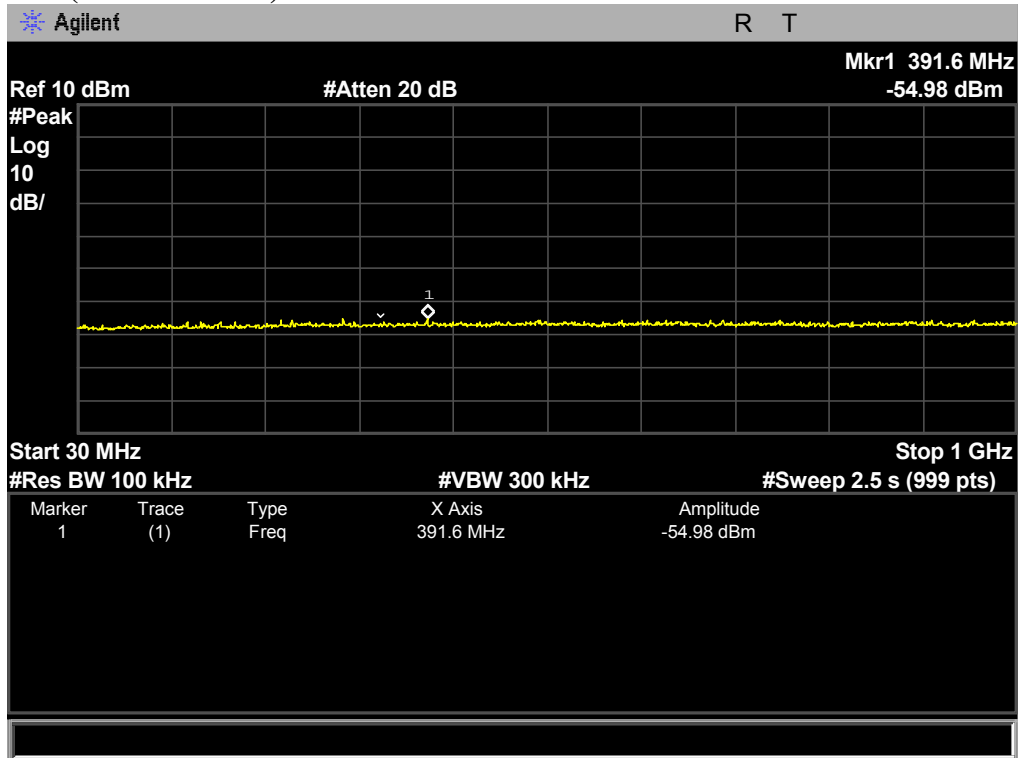
8DPSK (3Mbps)
TX 2402GHz (30MHz-1GHz)



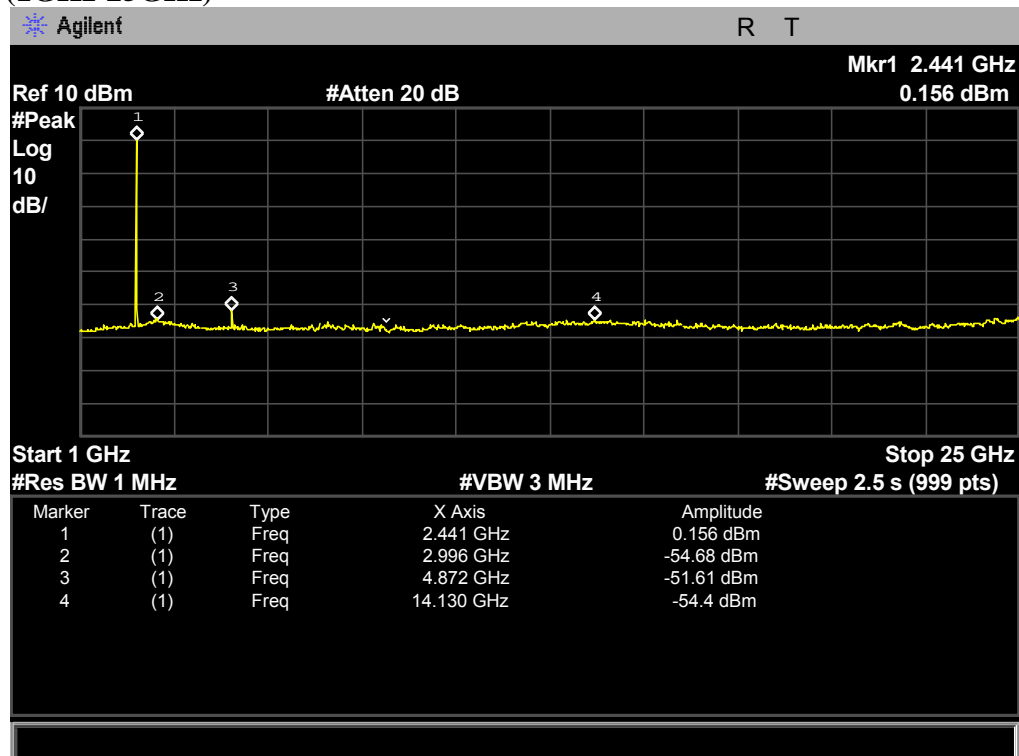
(1GHz-25GHz)



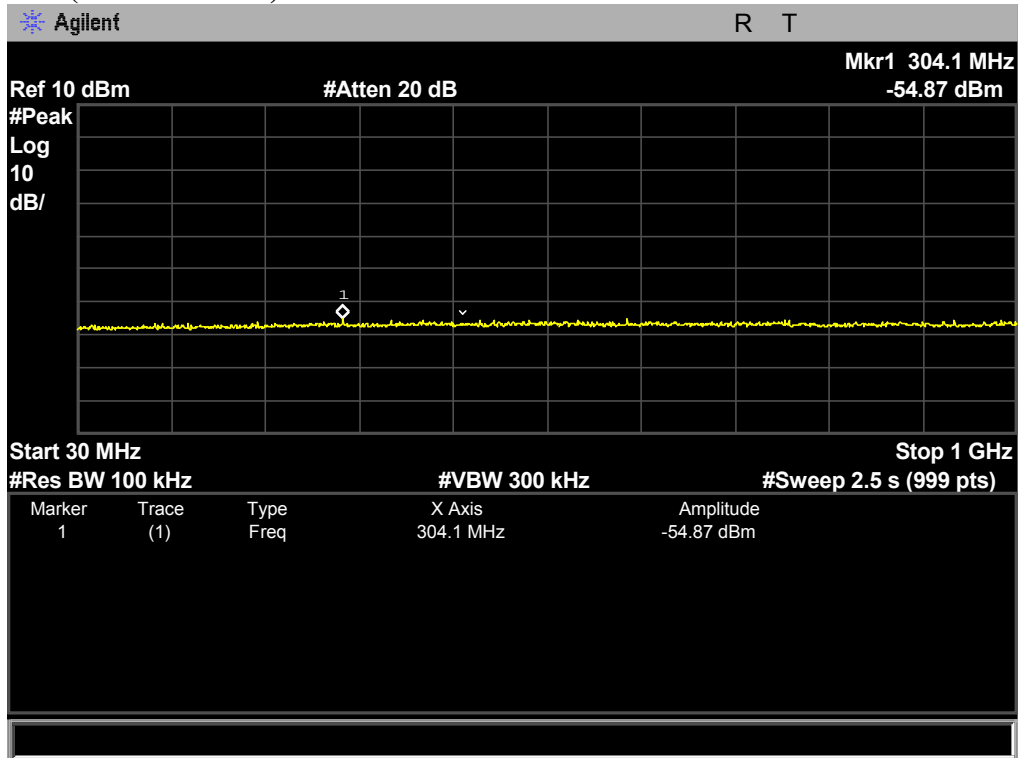
TX 2441GHz (30MHz-1GHz)



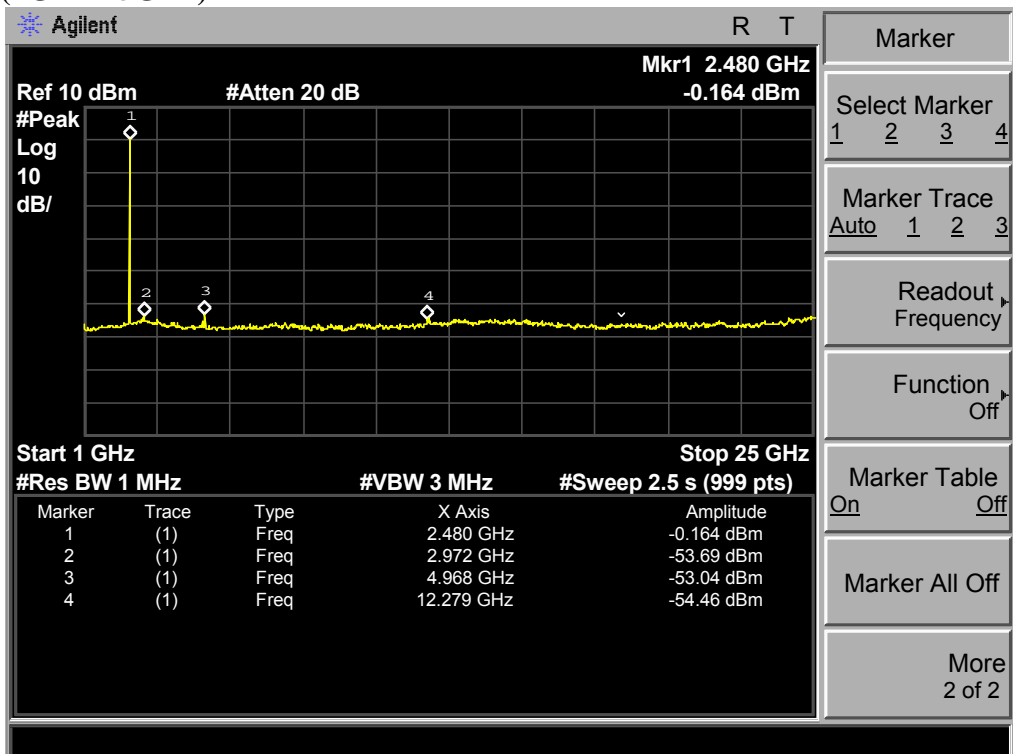
(1GHz-25GHz)



TX 2480GHz (30MHz-1GHz)



(1GHz-25GHz)

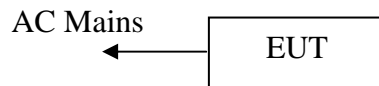


13.AC POWER LINE CONDUCTED EMISSION FOR FCC PART

15 SECTION 15.207(A)

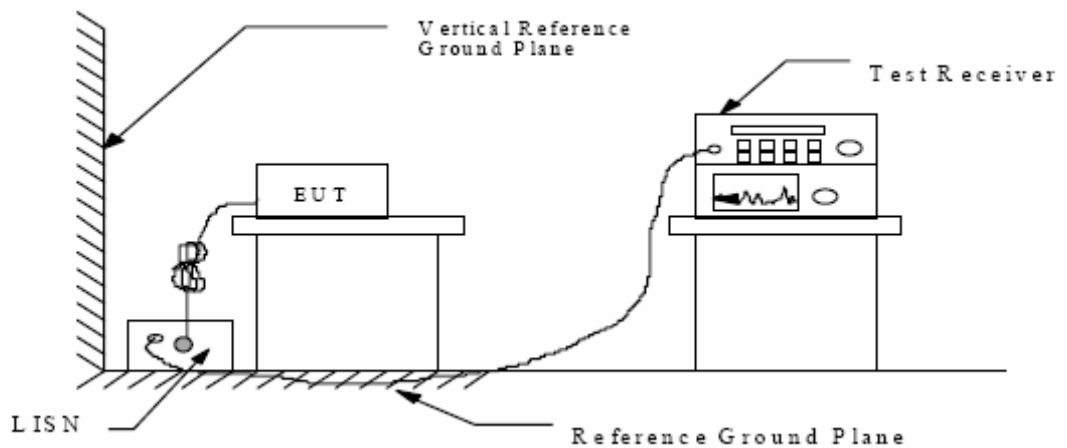
13.1.Block Diagram of Test Setup

13.1.1.Block diagram of connection between the EUT and simulators



(EUT: Bluetooth CD/Radio Boombox)

13.1.2.Shielding Room Test Setup Diagram



(EUT: Bluetooth CD/Radio Boombox)

13.2.The Emission Limit

13.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

13.3.Configuration of EUT on Measurement

The following equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

13.3.1. Bluetooth CD/Radio Boombox (EUT)

Model Number : IBC233
Serial Number : N/A
Manufacturer : Dongguan Shangzheng Industrial Co., Ltd.

13.4. Operating Condition of EUT

13.4.1. Setup the EUT and simulator as shown as Section 13.1.

13.4.2. Turn on the power of all equipment.

13.4.3. Let the EUT work in (Tx) mode measure it.

13.5. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2009 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

13.6. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	<u>March 29, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>Bluetooth CD/Radio Boombox</u>	Humidity:	<u>50%</u>
Model No.:	<u>IBC233</u>	Power Supply:	<u>AC 120V/ 60Hz</u>
Test Mode:	<u>Tx</u>	Test Engineer:	<u>Kai</u>

Frequency (MHz)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Line
-	-	-	-	QP	Neutral
-	-	-	-	AV	
-	-	-	-	QP	Live
-	-	-	-	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

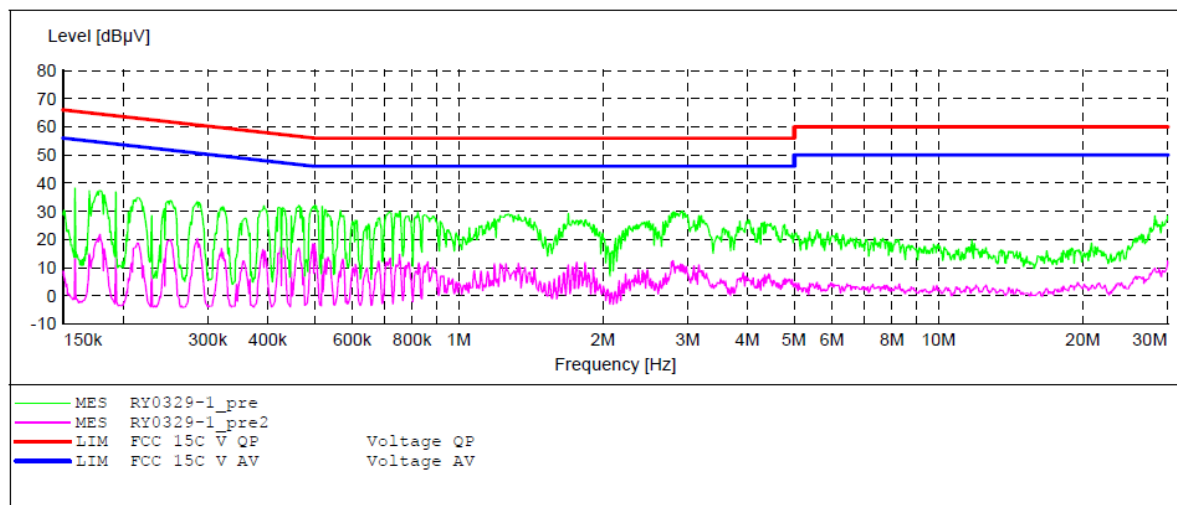
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15C

EUT: Bluetooth CD/Radio Boombox M/N:IBC233
 Manufacturer: Shangzheng
 Operating Condition: TX
 Test Site: 1#Shielding Room
 Operator: Ricky
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20130326
 Start of Test: 3/29/2013 / 8:08:12AM

SCAN TABLE: "V 150K-30MHz fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Short Description: SUB STD VTERM2 1.70			Average			



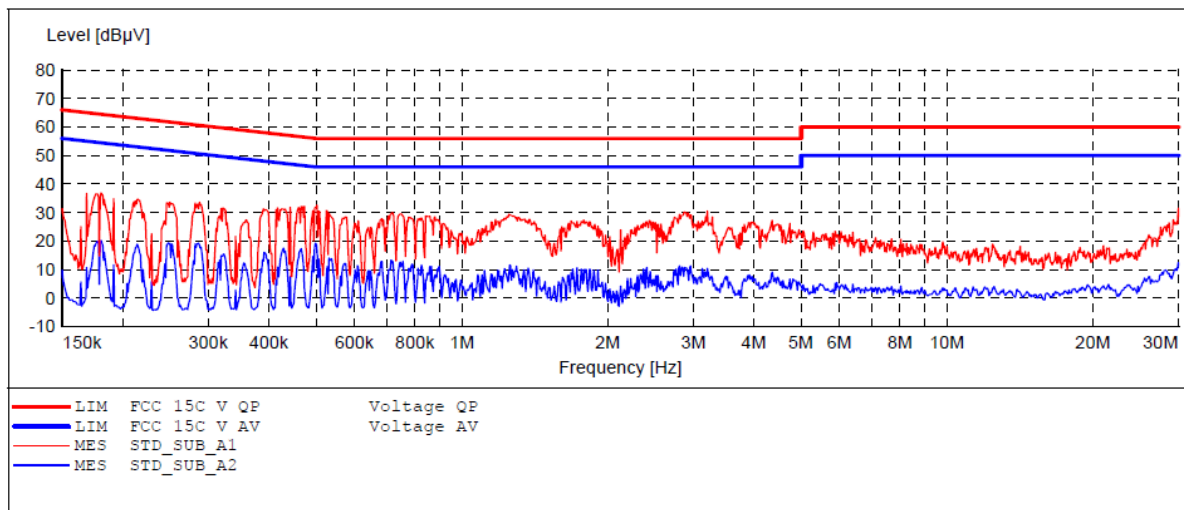
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15C

EUT: Bluetooth CD/Radio Boombox M/N:IBC233
 Manufacturer: Shangzheng
 Operating Condition: TX
 Test Site: 1#Shielding Room
 Operator: Ricky
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20130326
 Start of Test: 3/29/2013 / 8:10:58AM

SCAN TABLE: "V 150K-30MHz fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						



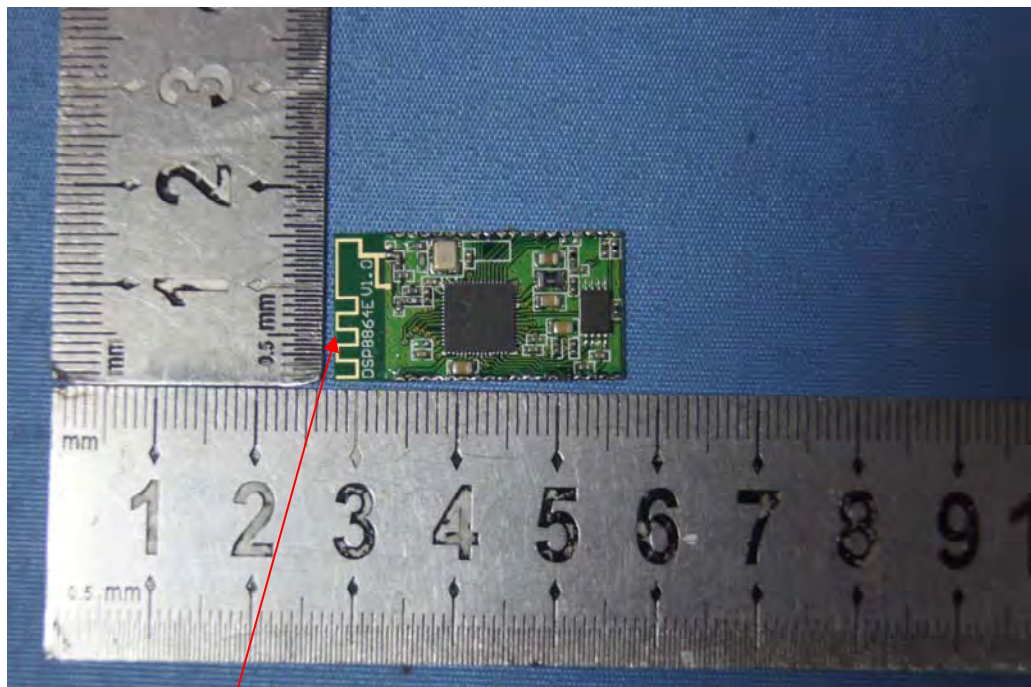
14.ANTENNA REQUIREMENT

14.1.The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

14.2.Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna