

Prüfbericht - Nr.:

16022404 001

Seite 1 von 47

Test Report No.

Page 1 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

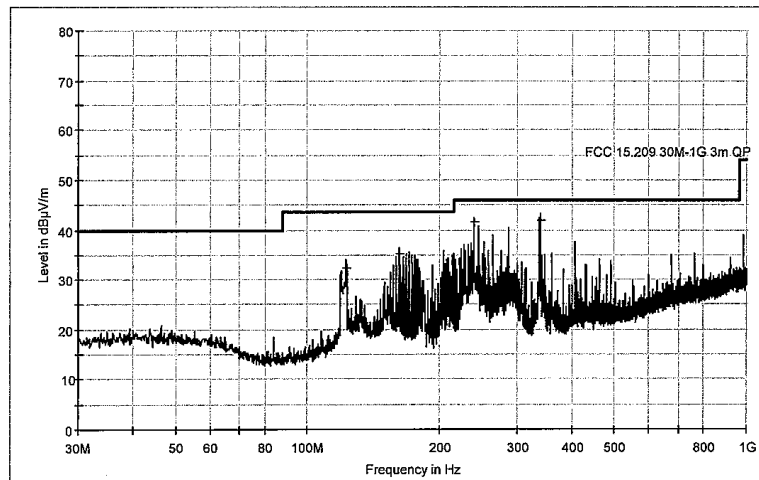
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Horizontal

Sign-off Test Data

Subrange 1
 Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
122.800000	32.3	13.7	11.2	43.5	H
162.400000	35.1	15.4	8.4	43.5	H
240.000000	41.6	13.4	4.4	46.0	H
338.200000	41.9	16.0	4.1	46.0	H

Date: 3/18/2010 - Time: 9:17:59 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 2 von 47

Test Report No.

Page 2 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

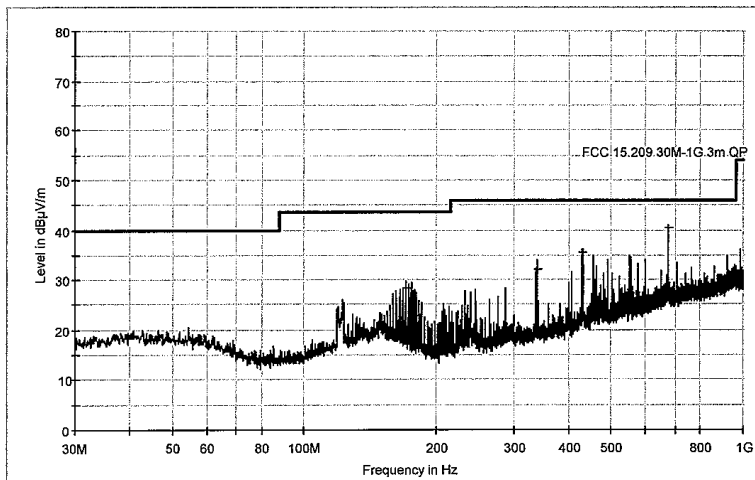
Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Vertical

Sign-off Test Data

Subrange 1

Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
170.200000	28.2	14.8	15.3	43.5	V
338.200000	32.0	16.0	14.0	46.0	V
430.550000	35.6	18.3	10.4	46.0	V
676.550000	40.3	22.9	5.7	46.0	V

Date: 3/18/2010 - Time: 9:25:50 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 3 von 47
Page 3 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

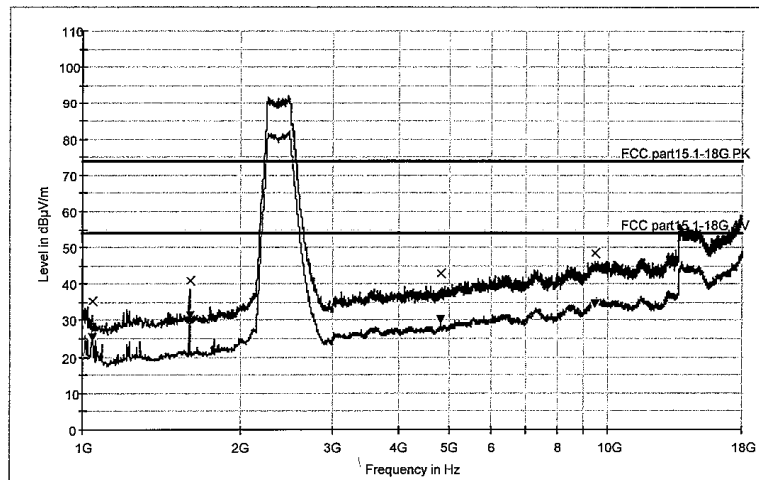
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
Test Item: Car Audio
Identification: CID2680
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.: DC 12V
Receipt No.: 173051229 200
Report No.: 16022404 001
Result: Pass
Comment: Horizontal

Sign-off Test Data

Subrange 1
Frequency Range: 1GHz - 18GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1042.500000	35.4	38.6	74.0	H	-16.4
1601.500000	40.8	33.2	74.0	H	-14.0
4804.000000	42.8	31.2	74.0	H	-5.5
9476.500000	48.4	25.6	74.0	H	4.8

Date: 3/18/2010 - Time: 10:33:35 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 4 von 47

Test Report No.

Page 4 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1042.500000	25.3	28.7	54.0	H	-16.4
1601.500000	31.2	22.8	54.0	H	-14.0
4804.000000	30.2	23.8	54.0	H	-5.5
9476.500000	34.6	19.4	54.0	H	4.8

Sign-off Test Data

Date: 3/18/2010 - Time: 10:33:35 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 5 von 47
Page 5 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

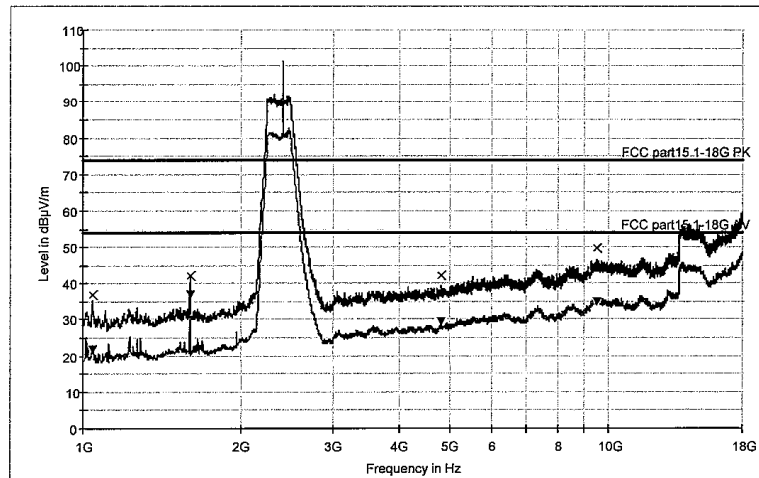
Test Information

Manufacturer: Foryou
Test Item: Car Audio
Identification: CID2680
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.: DC 12V
Receipt No.: 173051229 200
Report No.: 16022404 001
Result: Pass
Comment: Vertical

Subrange 1

Frequency Range: 1GHz - 18GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1042.500000	36.8	37.2	74.0	V	-16.4
1601.500000	42.0	32.0	74.0	V	-14.0
4804.000000	42.2	31.8	74.0	V	-5.5
9538.000000	49.4	24.6	74.0	V	5.3

Date: 3/18/2010 - Time: 10:27:51 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 6 von 47

Page 6 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1042.500000	22.0	32.0	54.0	V	-16.4
1601.500000	37.1	16.9	54.0	V	-14.0
4804.000000	29.4	24.6	54.0	V	-5.5
9538.000000	35.0	19.0	54.0	V	5.3

Sign-off Test Data

Date: 3/18/2010 - Time: 10:27:51 PM

Tested by:



Reviewed by: _____



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 7 von 47
Page 7 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

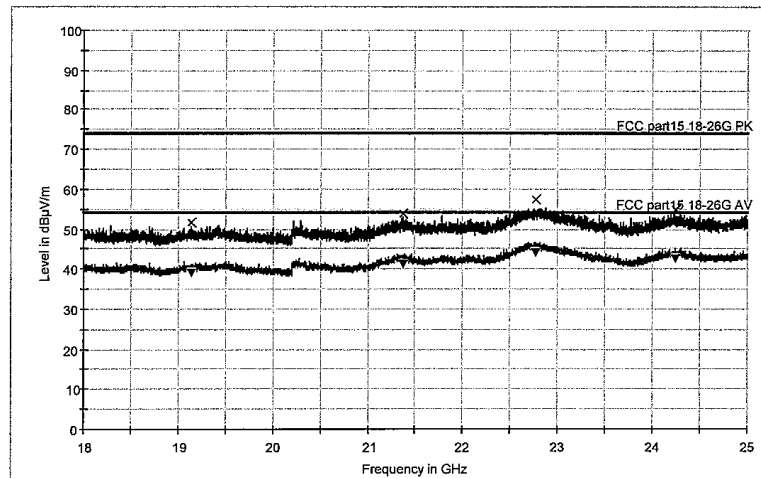
Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 25GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19142.500000	51.7	6.3	22.3	74.0	H
21371.500000	53.9	7.6	20.1	74.0	H
22762.500000	57.2	10.4	16.8	74.0	H
24236.000000	55.0	7.6	19.0	74.0	H

Date: 3/18/2010 - Time: 10:58:06 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 8 von 47

Page 8 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19142.500000	39.0	6.3	15.0	54.0	H
21371.500000	41.2	7.6	12.8	54.0	H
22762.500000	44.2	10.4	9.8	54.0	H
24236.000000	42.5	7.6	11.5	54.0	H

Sign-off Test Data

Date: 3/18/2010 - Time: 10:58:06 PM

Tested by:



Reviewed by: _____



Prüfbericht - Nr.:

16022404 001

Seite 9 von 47

Test Report No.

Page 9 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

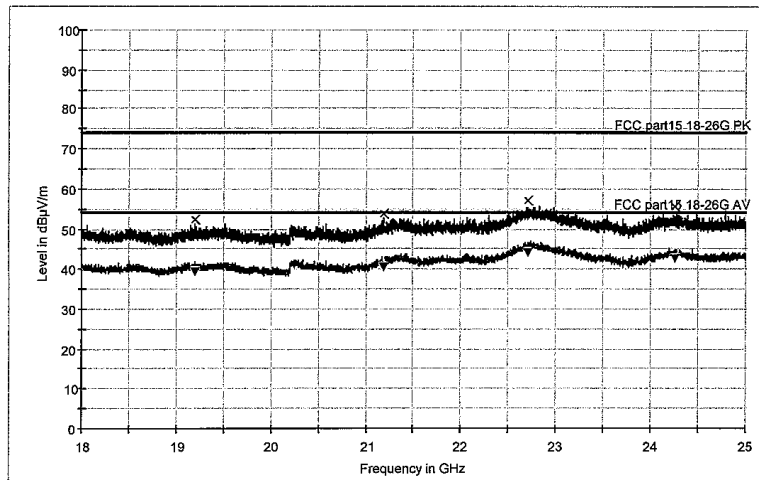
Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 25GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19198.000000	52.3	6.4	21.7	74.0	V
21192.000000	53.9	7.0	20.1	74.0	V
22713.500000	57.2	10.5	16.8	74.0	V
24248.500000	55.6	7.6	18.4	74.0	V

Date: 3/18/2010 - Time: 11:01:57 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 10 von 47

Page 10 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19198.000000	39.2	6.4	14.8	54.0	V
21192.000000	40.5	7.0	13.5	54.0	V
22713.500000	44.1	10.5	9.9	54.0	V
24248.500000	42.5	7.6	11.5	54.0	V

Sign-off Test Data

Date: 3/18/2010 - Time: 11:01:57 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:
Test Report No.

16022404 001

Seite 11 von 47
Page 11 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

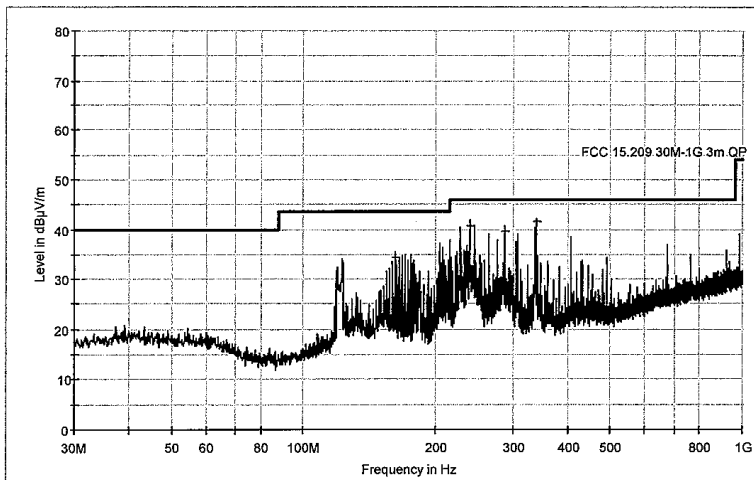
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Horizontal

Sign-off Test Data

Subrange 1
 Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
162.400000	34.4	15.4	9.1	43.5	H
240.000000	40.6	13.4	5.4	46.0	H
288.000000	39.7	14.7	6.3	46.0	H
338.200000	41.5	16.0	4.5	46.0	H

Date: 3/18/2010 - Time: 9:12:24 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 12 von 47

Test Report No.

Page 12 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

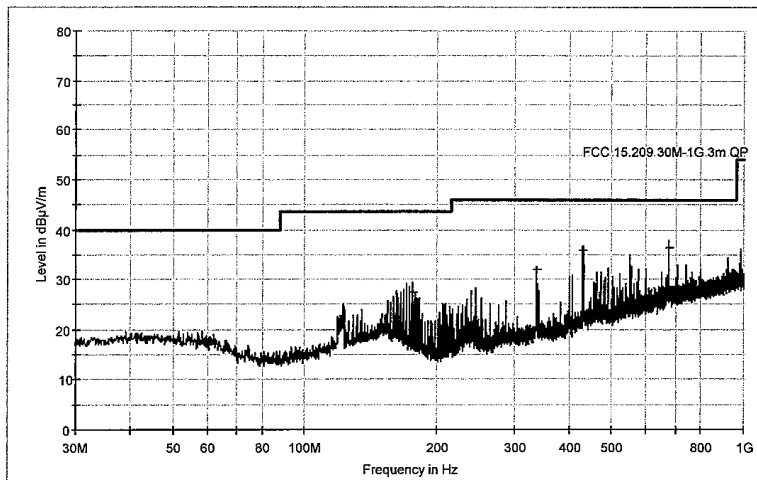
Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Vertical

Sign-off Test Data

Subrange 1

Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
175.400000	27.3	14.0	16.2	43.5	V
337.500000	32.0	16.0	14.0	46.0	V
430.550000	35.8	18.3	10.2	46.0	V
676.550000	36.3	22.9	9.7	46.0	V

Date: 3/18/2010 - Time: 9:07:47 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 13 von 47
Page 13 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

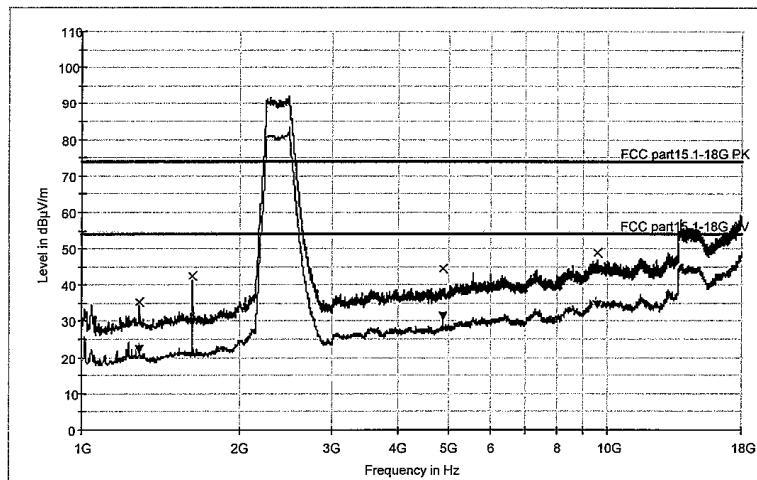
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Horizontal

Subrange 1
 Frequency Range: 1GHz - 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1291.000000	35.4	38.6	74.0	H	-15.2
1627.000000	42.6	31.4	74.0	H	-13.8
4882.000000	44.3	29.7	74.0	H	-5.6
9585.000000	48.7	25.3	74.0	H	5.0

Date: 3/18/2010 - Time: 10:15:03 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 14 von 47

Page 14 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1291.000000	22.1	31.9	54.0	H	-15.2
1627.000000	29.9	24.1	54.0	H	-13.8
4882.000000	31.3	22.7	54.0	H	-5.6
9585.000000	34.5	19.5	54.0	H	5.0

Sign-off Test Data

Date: 3/18/2010 - Time: 10:15:03 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 15 von 47
Page 15 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

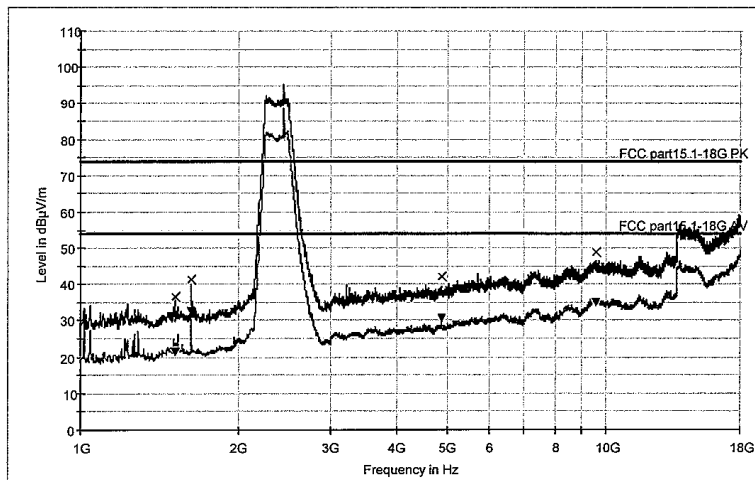
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Vertical

Sign-off Test Data

Subrange 1
 Frequency Range: 1GHz - 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1514.000000	36.7	37.3	74.0	V	-14.7
1627.000000	41.3	32.7	74.0	V	-13.8
4882.000000	42.1	31.9	74.0	V	-5.6
9546.500000	48.7	25.3	74.0	V	5.4

Date: 3/18/2010 - Time: 10:20:28 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 16 von 47

Page 16 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1514.000000	21.4	32.6	54.0	V	-14.7
1627.000000	32.7	21.3	54.0	V	-13.8
4882.000000	30.5	23.5	54.0	V	-5.6
9546.500000	35.0	19.0	54.0	V	5.4

Sign-off Test Data

Date: 3/18/2010 - Time: 10:20:28 PM

Tested by:



Reviewed by: _____



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 17 von 47
Page 17 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

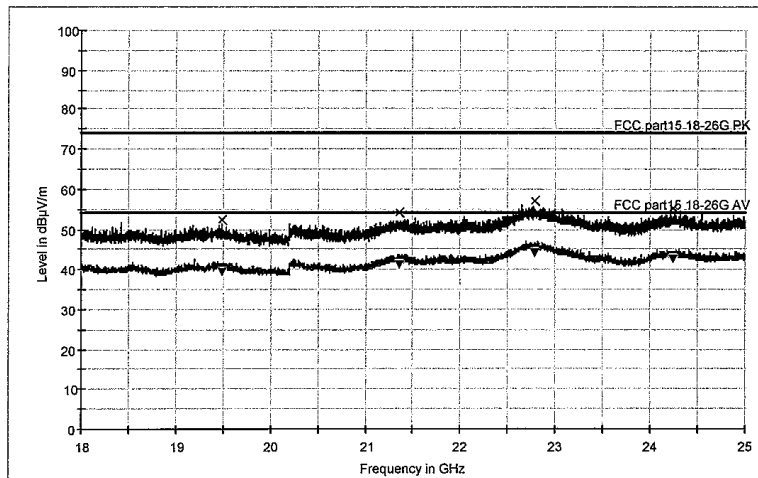
Test Information

Manufacturer: Foryou
Test Item: Car Audio
Identification: CID2680
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Mid channel
Climate Condition: 23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.: DC 12V
Receipt No.: 173051229 200
Report No.: 16022404 001
Result: Pass
Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 25GHz
Receiver: TUV FSP 30
Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19489.000000	52.2	6.4	21.8	74.0	H
21357.500000	54.2	7.5	19.8	74.0	H
22790.500000	56.9	10.3	17.1	74.0	H
24238.500000	55.1	7.6	18.9	74.0	H

Date: 3/18/2010 - Time: 10:54:21 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 18 von 47

Page 18 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19489.000000	39.3	6.4	14.7	54.0	H
21357.500000	41.3	7.5	12.7	54.0	H
22790.500000	44.2	10.3	9.8	54.0	H
24238.500000	42.6	7.6	11.4	54.0	H

Sign-off Test Data

Date: 3/18/2010 - Time: 10:54:21 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 19 von 47
Page 19 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

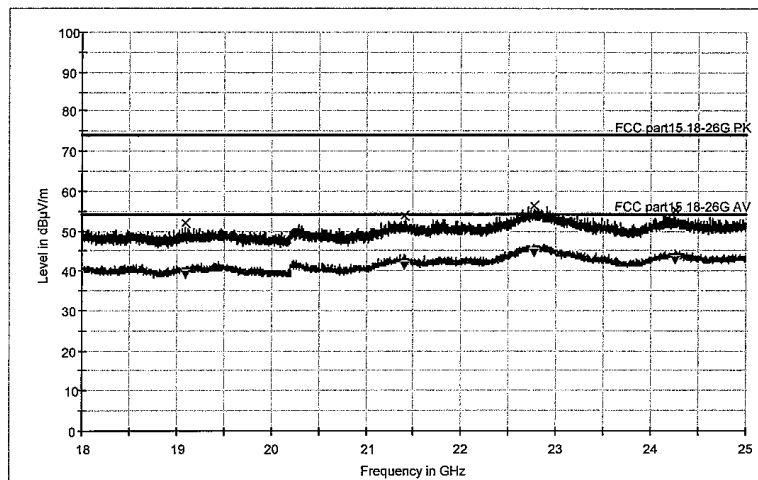
Test Information

Manufacturer: Foryou
Test Item: Car Audio
Identification: CID2680
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Mid channel
Climate Condition: 23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.: DC 12V
Receipt No.: 173051229 200
Report No.: 16022404 001
Result: Pass
Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 25GHz
Receiver: TUV FSP 30
Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19100.000000	52.0	6.3	22.0	74.0	V
21403.500000	53.8	7.6	20.2	74.0	V
22761.000000	56.5	10.4	17.5	74.0	V
24259.000000	55.1	7.6	18.9	74.0	V

Date: 3/18/2010 - Time: 10:50:45 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 20 von 47

Page 20 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19100.000000	39.1	6.3	14.9	54.0	V
21403.500000	41.3	7.6	12.7	54.0	V
22761.000000	44.3	10.4	9.7	54.0	V
24259.000000	42.6	7.6	11.4	54.0	V

Sign-off Test Data

Date: 3/18/2010 - Time: 10:50:45 PM

Tested by: _____



Reviewed by: _____



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 21 von 47
Page 21 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

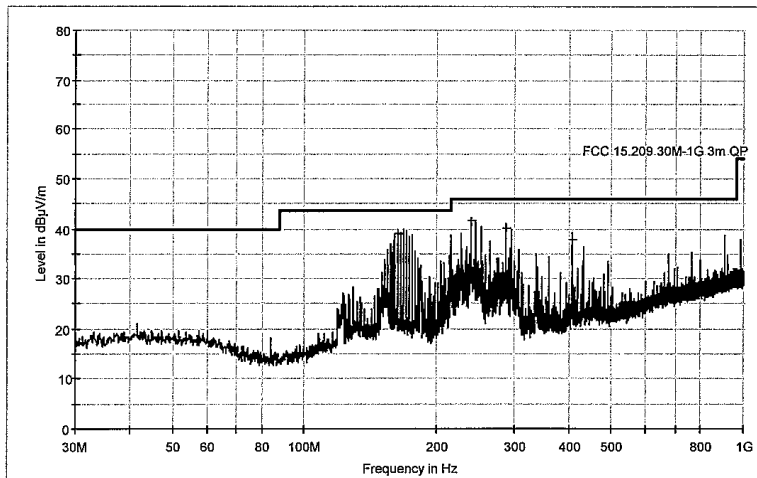
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Horizontal

Sign-off Test Data

Subrange 1
 Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
162.650000	38.9	15.4	4.6	43.5	H
240.000000	41.5	13.4	4.5	46.0	H
268.000000	40.2	14.7	5.8	46.0	H
408.050000	37.8	17.5	8.2	46.0	H

Date: 3/18/2010 - Time: 8:52:25 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:
Test Report No.

16022404 001

Seite 22 von 47
Page 22 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

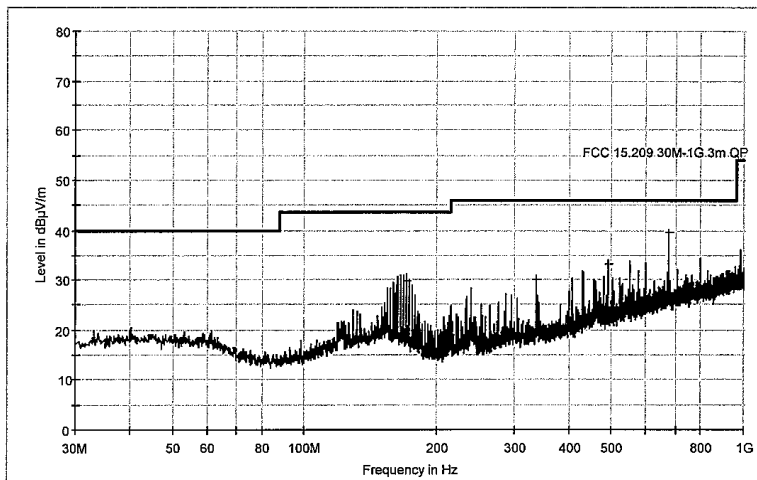
Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Vertical

Sign-off Test Data

Subrange 1

Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
170.300000	29.8	14.7	13.7	43.5	V
337.500000	30.1	16.0	15.9	46.0	V
492.050000	33.1	19.3	12.9	46.0	V
676.600000	39.5	22.9	6.5	46.0	V

Date: 3/18/2010 - Time: 9:01:09 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 23 von 47
Page 23 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

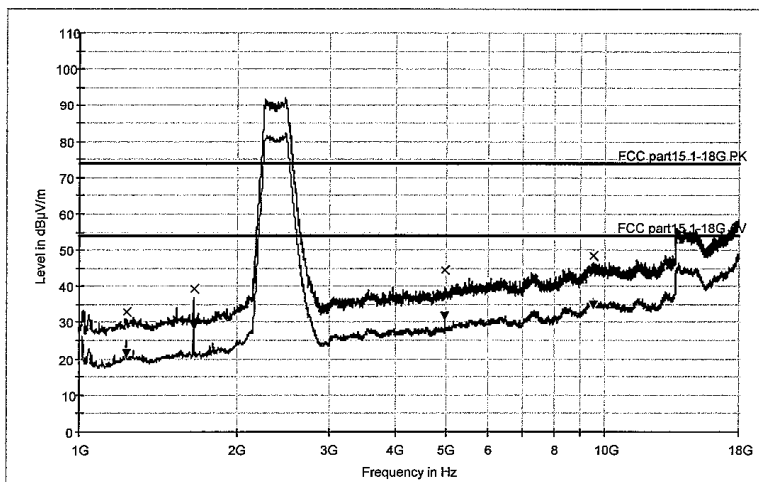
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
Test Item: Car Audio
Identification: CID2680
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ High channel
Climate Condition: 23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 12V
Receipt No.: 173051229 200
Report No.: 16022404 001
Result: Pass
Comment: Horizontal

Sign-off Test Data

Subrange 1
Frequency Range: 1GHz - 18GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1229.500000	33.0	41.0	74.0	H	-15.6
1653.000000	39.5	34.5	74.0	H	-13.6
4960.000000	44.3	29.7	74.0	H	-5.8
9536.000000	48.6	25.4	74.0	H	5.2

Date: 3/18/2010 - Time: 10:06:56 PM

Tested by:


2010 3 18
Checked

Reviewed by:


2010 3 29
Checked

Prüfbericht - Nr.:

16022404 001

Seite 24 von 47

Page 24 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1229.500000	21.4	32.6	54.0	H	-15.6
1653.000000	28.9	25.1	54.0	H	-13.6
4960.000000	31.6	22.4	54.0	H	-5.8
9536.000000	35.1	18.9	54.0	H	5.2

Sign-off Test Data

Date: 3/18/2010 - Time: 10:06:56 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 25 von 47
Page 25 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

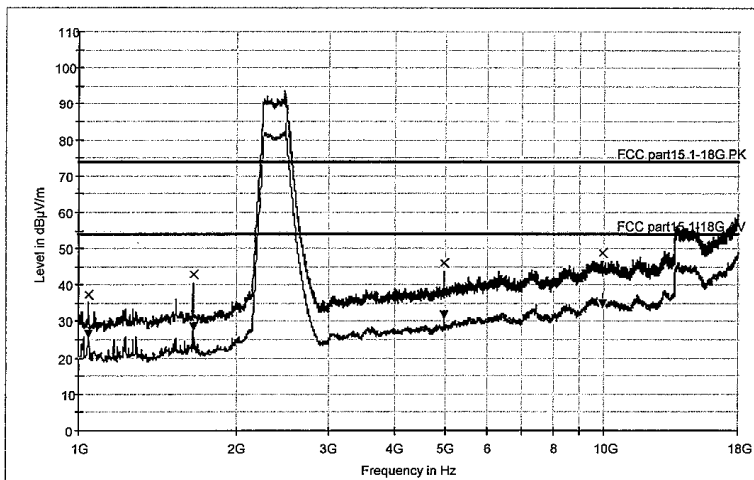
Test Information

Manufacturer: Foryou
Test Item: Car Audio
Identification: CID2680
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ High channel
Climate Condition: 23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.: DC 12V
Receipt No.: 173051229 200
Report No.: 16022404 001
Result: Pass
Comment: Vertical

Subrange 1

Frequency Range: 1GHz - 18GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1044.500000	37.5	36.5	74.0	V	-16.4
1653.000000	42.7	31.3	74.0	V	-13.6
4960.000000	45.9	28.1	74.0	V	-5.8
9920.500000	48.8	25.2	74.0	V	5.4

Date: 3/18/2010 - Time: 10:00:12 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 26 von 47

Page 26 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1044.500000	26.7	27.3	54.0	V	-16.4
1653.000000	28.7	25.3	54.0	V	-13.6
4960.000000	31.7	22.3	54.0	V	-5.8
9920.500000	35.0	19.0	54.0	V	5.4

Sign-off Test Data

Date: 3/18/2010 - Time: 10:00:12 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:
Test Report No.

16022404 001

Seite 27 von 47
Page 27 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

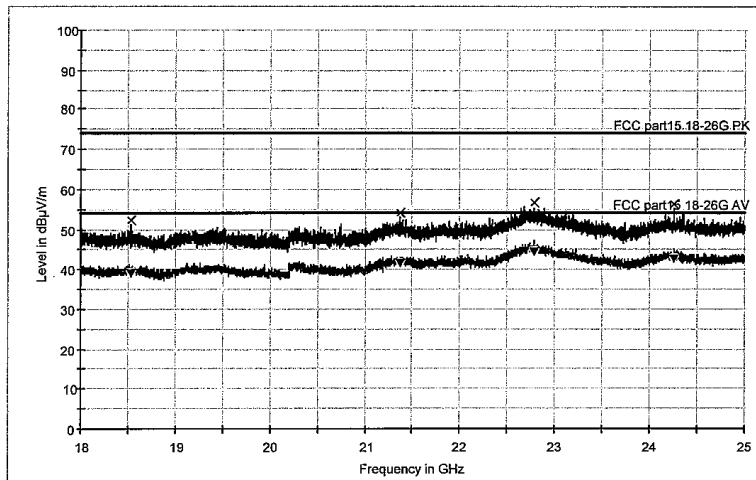
EMC Test Record (EMISSION)

Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 12V
 Receipt No.: 173051229 200
 Report No.: 16022404 001
 Result: Pass
 Comment: Horizontal

Sign-off Test Data

Subrange 1
 Frequency Range: 18GHz - 25GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
18527.500000	52.3	5.6	21.7	74.0	H
21363.500000	54.3	7.5	19.7	74.0	H
22787.000000	56.6	10.3	17.4	74.0	H
24259.000000	56.2	7.6	17.8	74.0	H

Date: 3/18/2010 - Time: 10:43:06 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 28 von 47

Page 28 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
18527.500000	39.1	5.6	14.9	54.0	H
21363.500000	41.4	7.5	12.6	54.0	H
22787.000000	44.3	10.3	9.7	54.0	H
24259.000000	42.7	7.6	11.3	54.0	H

Sign-off Test Data

Date: 3/18/2010 - Time: 10:43:06 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 29 von 47
Page 29 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

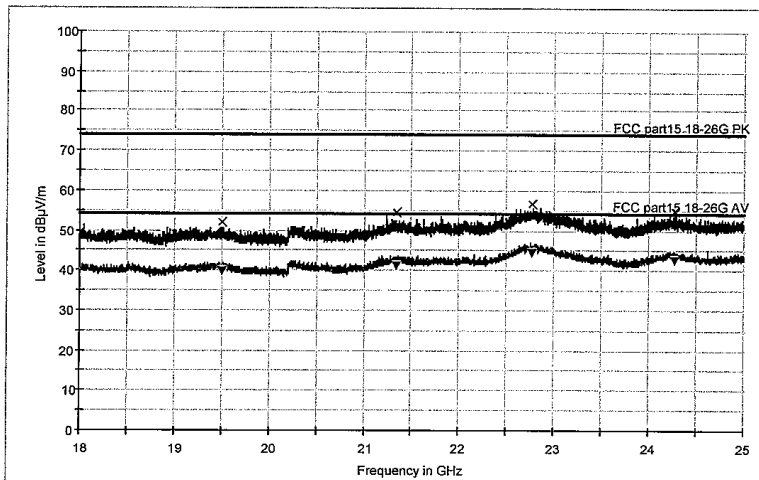
Test Information

Manufacturer: Foryou
 Test Item: Car Audio
 Identification: CID2680
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 12V
 Receipt No.: 173051229 200
 Report No. 16022404 001
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 25GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Sign-off Test Data



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19508.500000	52.2	6.4	21.8	74.0	V
21336.500000	54.4	7.5	19.6	74.0	V
22765.000000	56.7	10.4	17.3	74.0	V
24266.500000	54.9	7.6	19.1	74.0	V

Date: 3/18/2010 - Time: 10:47:07 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 30 von 47

Page 30 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19508.500000	39.5	6.4	14.5	54.0	V
21336.500000	41.3	7.5	12.7	54.0	V
22765.000000	44.3	10.4	9.7	54.0	V
24266.500000	42.6	7.6	11.4	54.0	V

Sign-off Test Data

Date: 3/18/2010 - Time: 10:47:07 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 31 von 47

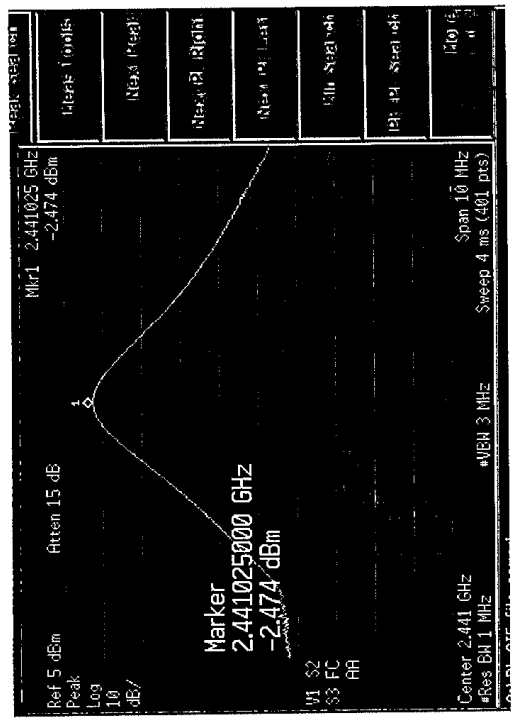
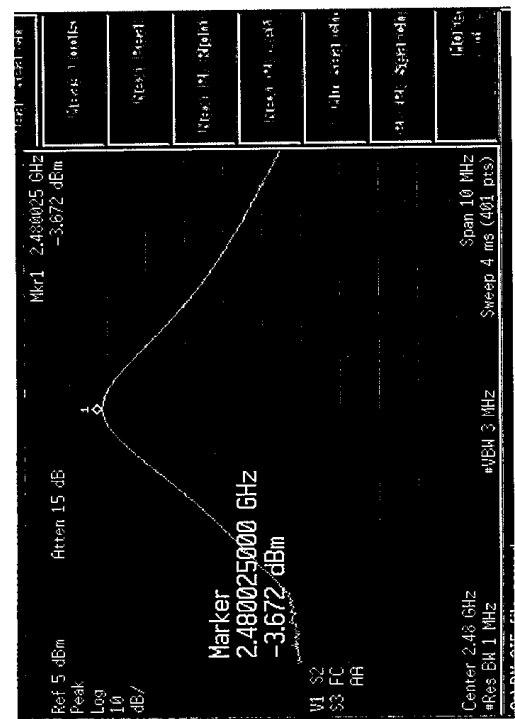
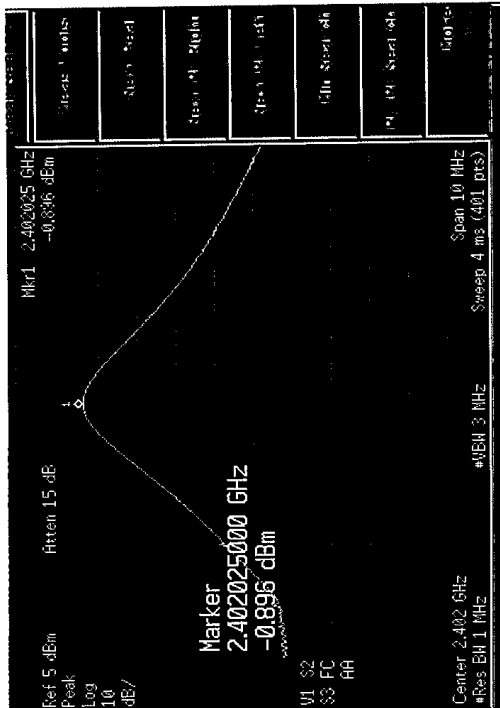
Test Report No.

Page 31 of 47

Maximum peak output power.
Through SAM ant. read.



Sign-off Test Data



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 32 von 47
Page 32 of 47

EMC Test Record



Receipt No.:	Page:	Of
Report No.:		


20 dB Bandwidth

EUT: CID 2680
Ambient Condition: 21 °C 50%
Result: PASS
Remark: -

Channel	Frequency (GHz)	Test Result (kHz)
2402 Low	2.402	750 kHz
2441 Mid	2.441	735
2480 High	2.480	732.5



Sign-off Test Data

Tested by
Date: 

Reviewed by
Date: 

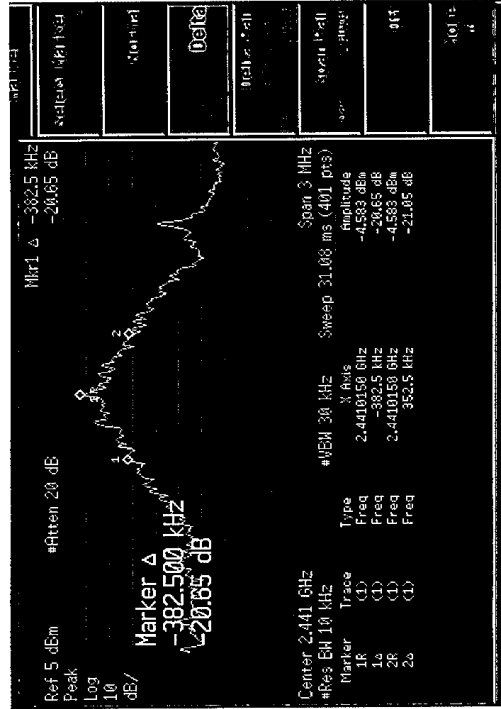
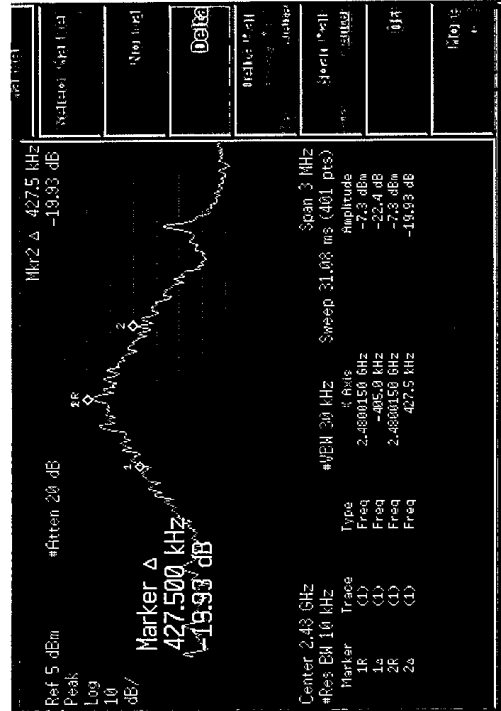
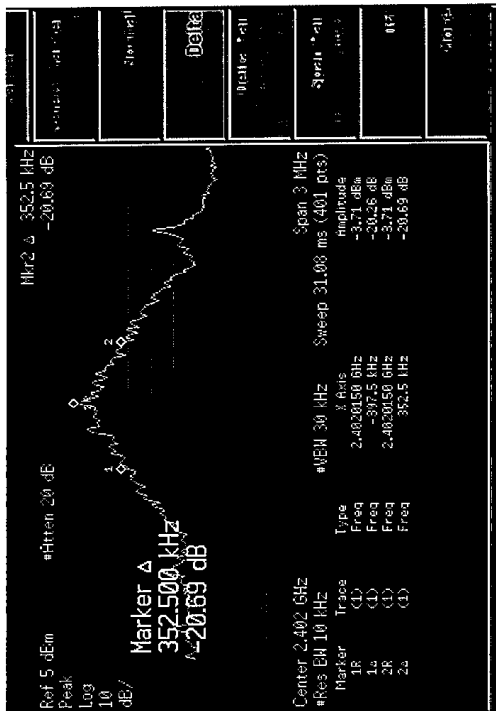
Prüfbericht - Nr.:
Test Report No.

16022404 001

Seite 33 von 47
Page 33 of 47



Sign-off Test Data



Prüfbericht - Nr.:

16022404 001

Seite 34 von 47

Page 34 of 47

Test Report No.

EMC Test Record



Receipt No.:	Page:	Of
Report No.:		

Hopping Channel Carrier Frequency Separation

EUT: *CID 2680*
 Ambient Condition: *22°C 50%*
 Result: *PASS*
 Remark: *-*

Channel	Adjacent Hopping channel separation (kHz)
<i>Low</i>	<i>997.5 kHz</i>
<i>mid</i>	<i>997.5 kHz</i>
<i>High</i>	<i>1.005 kHz</i>

Sign-off Test Data

Tested by
Date:



Reviewed by
Date:



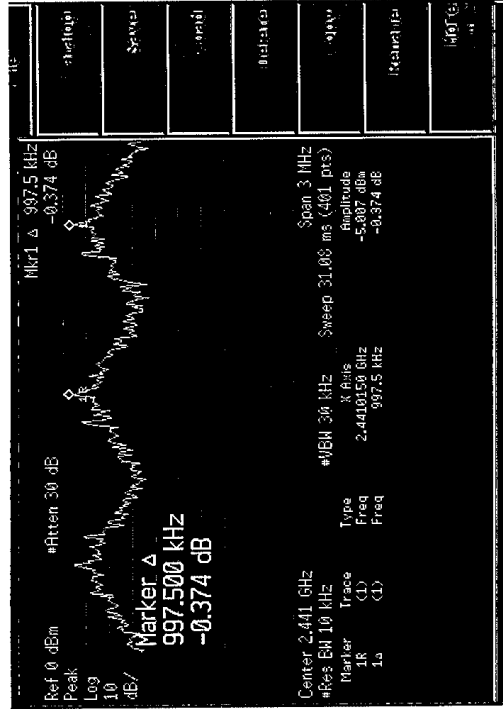
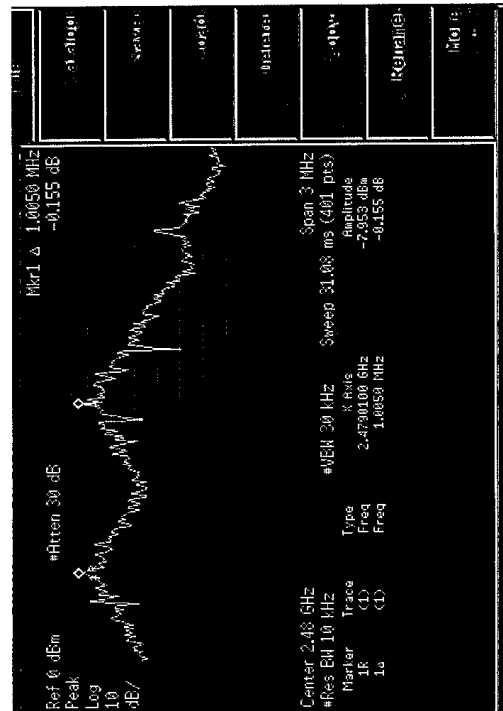
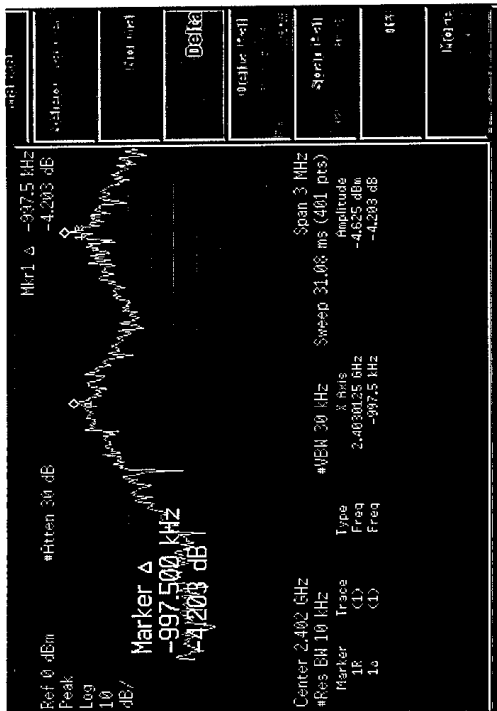
Prüfbericht - Nr.:
Test Report No.

16022404 001

Seite 35 von 47
Page 35 of 47



Sign-off Test Data



Prüfbericht - Nr.:

16022404 001

Seite 36 von 47

Page 36 of 47

Test Report No.

EMC Test Record



Receipt No.:	Page:	Of
Report No.:		

Number of Hopping Frequency Used

EUT: CID 2680
Ambient Condition: 22°C 50%
Result: PASS
Remark: ✓

Number of hopping frequency:	29
------------------------------	----

Sign-off Test Data

Tested by
Date:



Reviewed by
Date:



Prüfbericht - Nr.:

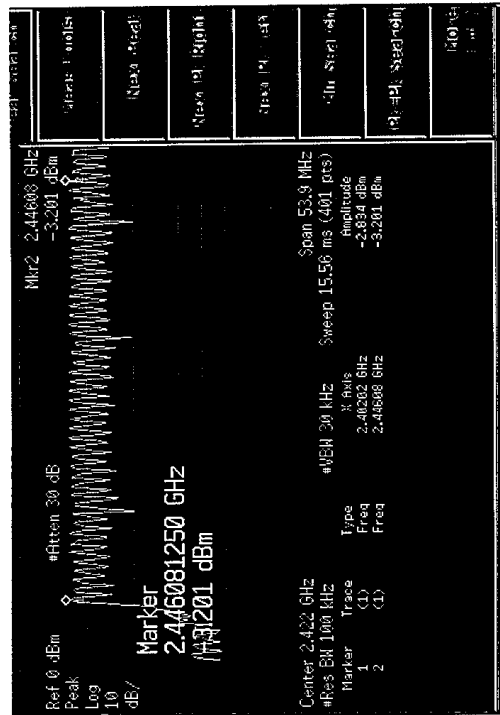
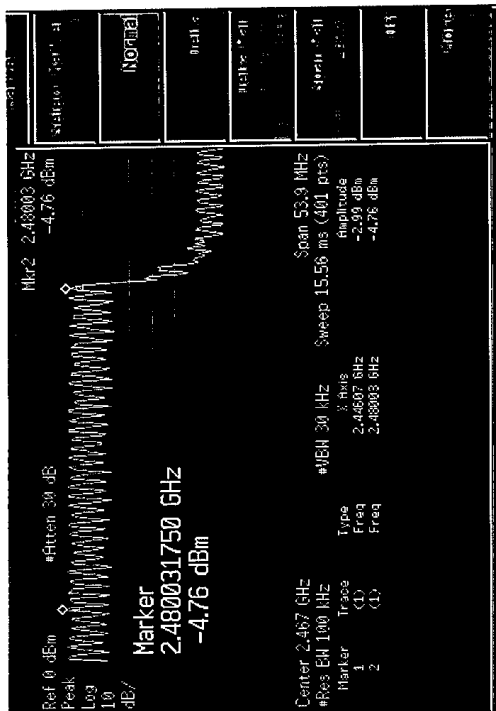
16022404 001

Seite 37 von 47

Page 37 of 47

Test Report No.

Sign-off Test Data



Prüfbericht - Nr.:

16022404 001

Seite 38 von 47

Page 38 of 47

Test Report No.

EMC Test Record



Receipt No.:	Page:	Of
Report No.:		

Time of Occupancy (Dwell Time)

EUT: CID 2680
 Ambient Condition: >> °C 50%
 Result: PASS
 Remark: ✓

Channel	Frequency (GHz)	Dwell time of one signal Burst (ms)
Low	2.402	3.122
Mid	2.441	3.122
High	2.480	3.037

Sign-off Test Data

Tested by
Date:



Reviewed by
Date:



Prüfbericht - Nr.:
Test Report No.

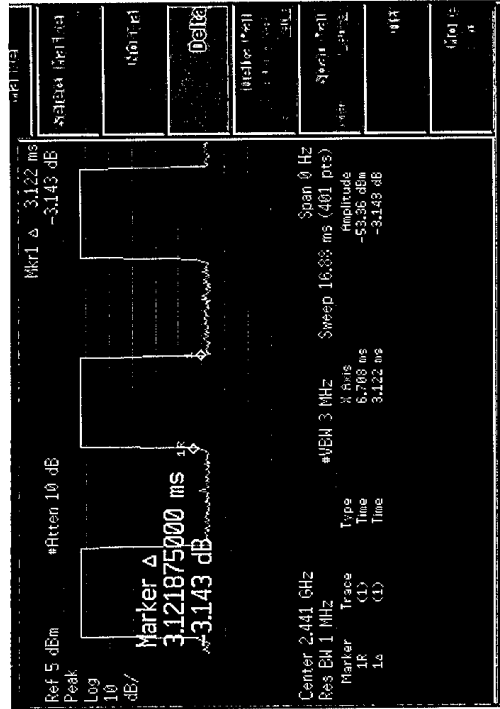
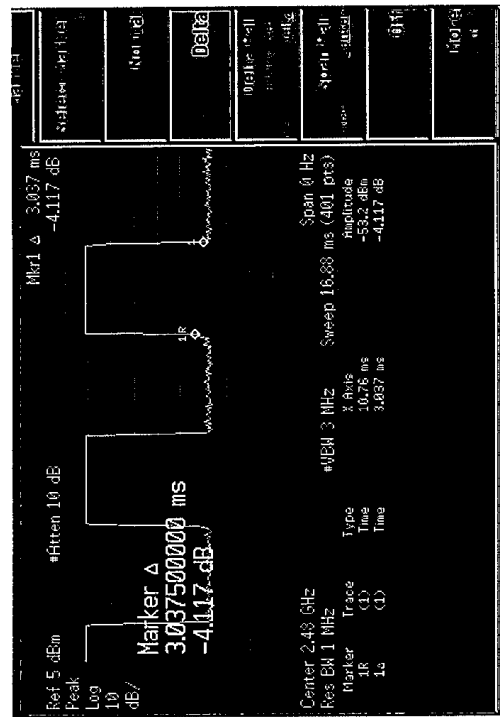
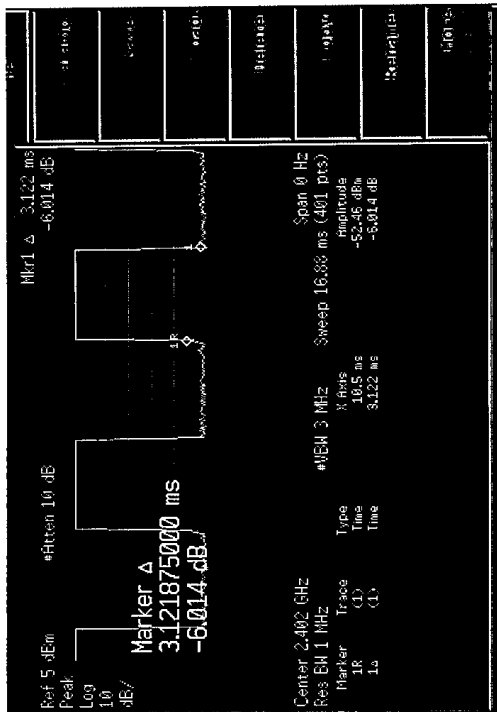
16022404 001

Seite 39 von 47
Page 39 of 47

Sign-off Test Data

Checked
2003.29
D/W

Checked
2003.24
HCH



Prüfbericht - Nr.:

16022404 001

Seite 40 von 47

Page 40 of 47

Test Report No.

EMC Test Record



Receipt No.:	Page:	Of
Report No.:		

Out-of-Band Emission

EUT: *CID 2680*
 Ambient Condition: *21 °C 50%*
 Result: *PASS*
 Remark: *✓*

Band Edges Emission in the Restricted Bands


Frequency [MHz]	dBc [dB]	PK [dBµV/m]	AV [dBµV/m]	Polarity (H/V)	PK limit [dBµV/m]	AV limit [dBµV/m]

Sign-off Test Data

Tested by
Date: _____



Reviewed by
Date: _____



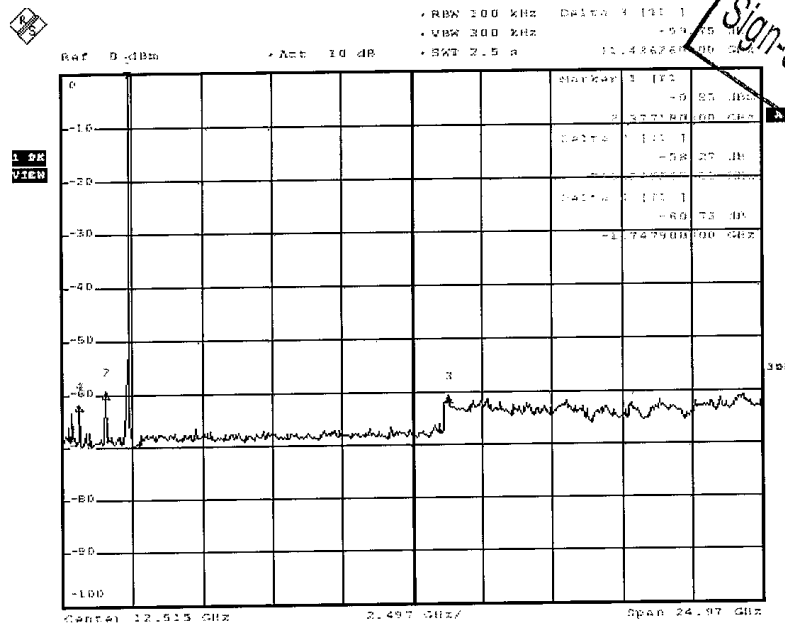
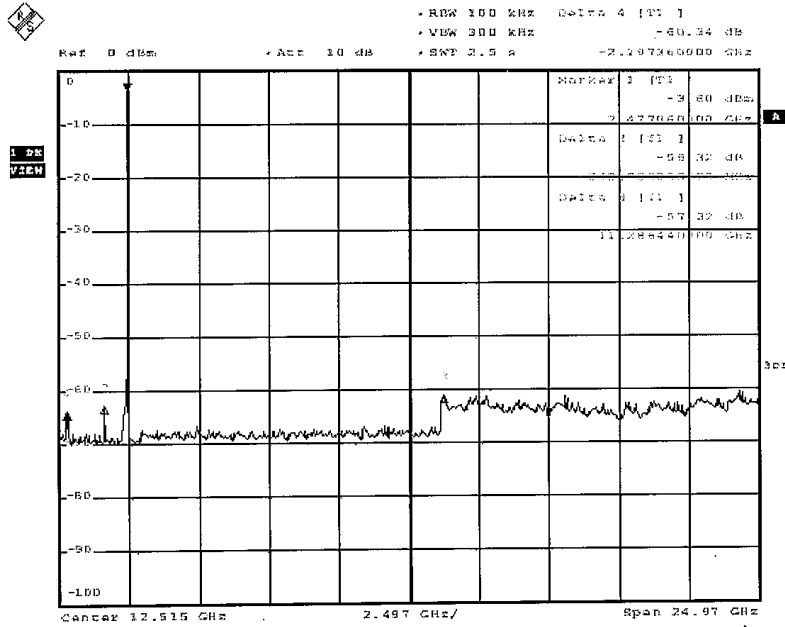
Prüfbericht - Nr.:
Test Report No.

16022404 001

Seite 41 von 47
Page 41 of 47

EUT: CID 2680

Cut-of-Band conducted EMI scan,



Sign-off Test Data

Note: The scanned span is 2.497GHz /span, it will cause some deviation between the display frequency and the actual frequency, like the 2.3776GHz, 2.4776GHz on above plot. The actual carrier frequency is 2.402GHz, 2.480GHz. If the scanned span be set to 10MHz or 100MHz, the display frequency is exact = 2.402GHz, 2.480GHz.

HCH
2010.3.24
Checked

DW
2010.3.29
Checked

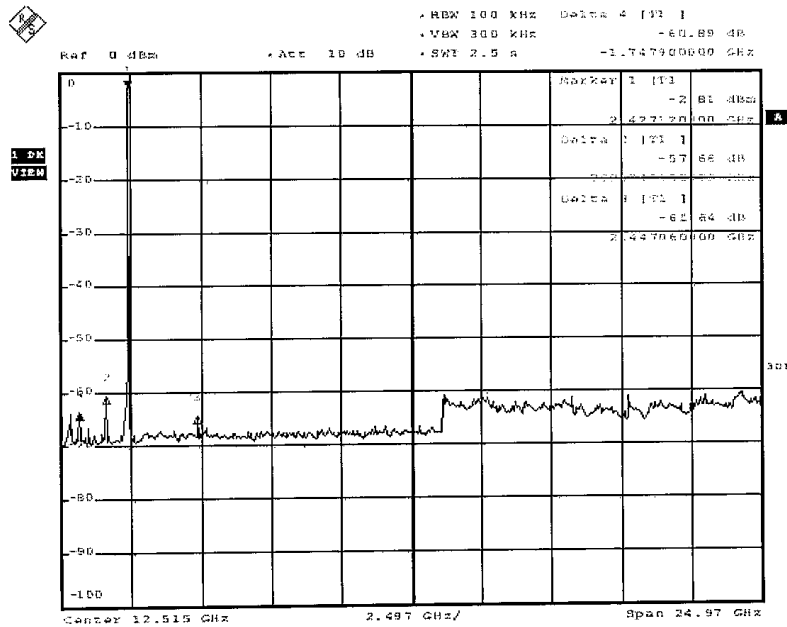
Prüfbericht - Nr.:

16022404 001

Seite 42 von 47

Test Report No.

Page 42 of 47



Note: same as last page.

Sign-off Test Data



Prüfbericht - Nr.:

16022404 001

Seite 43 von 47

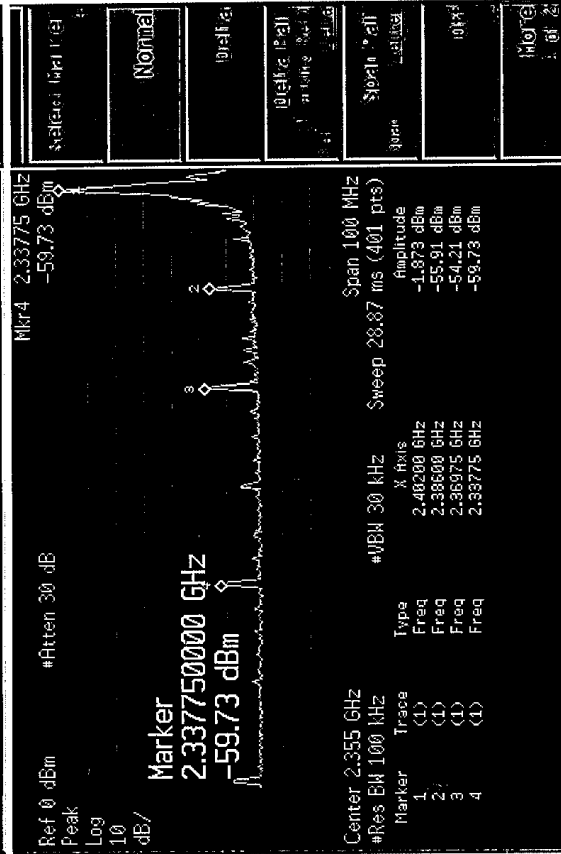
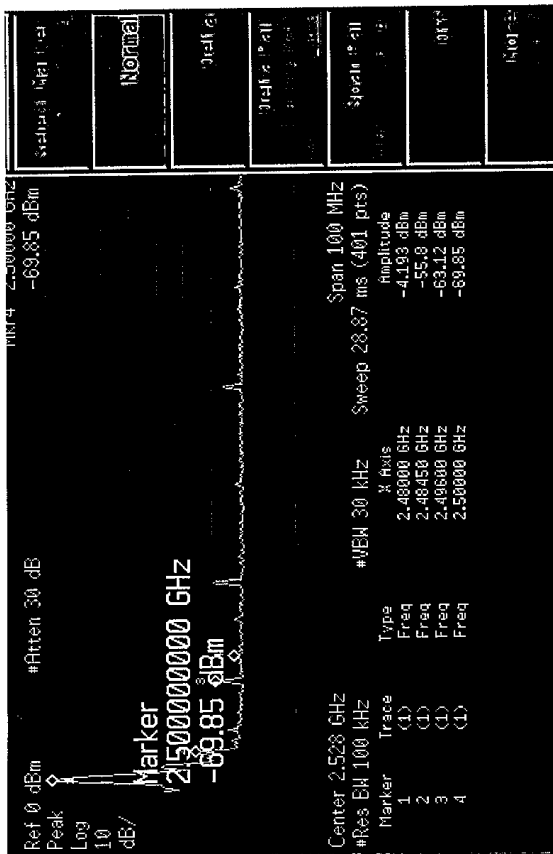
Test Report No.

Page 43 of 47

Sign-off Test Data

Checked
2010 3 29
MW

Checked
2010 3 24
MCH



Prüfbericht - Nr.:
Test Report No.

16022404 001

Seite 44 von 47
Page 44 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

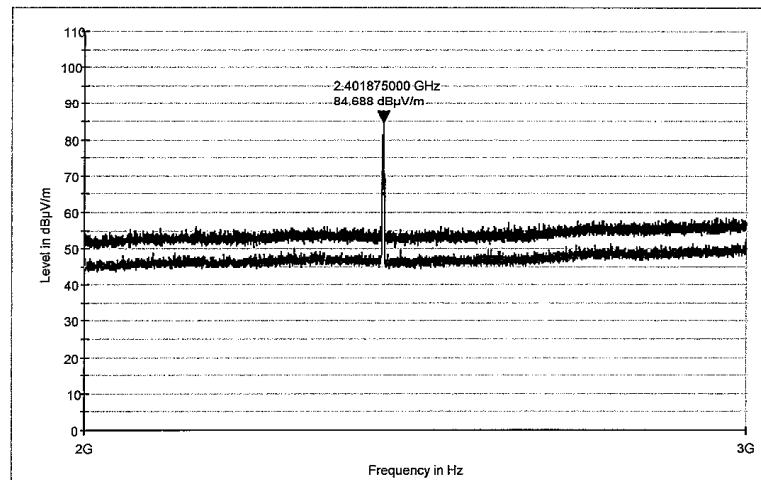
Test Information

Manufacturer:	Foryou
Test Item:	Car Audio
Identification:	CID2680
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @ Low channel
Climate Condition:	23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.:	DC 12V
Receipt No.:	173051229 200
Report No.:	16022404 001
Result:	Pass
Comment:	Vertical

Subrange 1

Frequency Range:	2GHz -3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Sign-off Test Data



Date: 3/23/2010 - Time: 5:56:29 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Seite 45 von 47

Page 45 of 47

Test Report No.

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

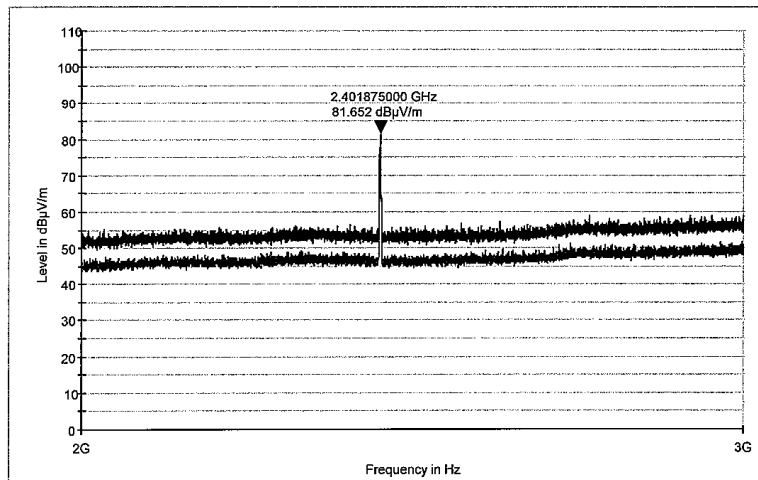
Test Information

Manufacturer:	Foryou
Test Item:	Car Audio
Identification:	CID2680
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @ Low channel
Climate Condition:	23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 12V
Receipt No.:	173051229 200
Report No.:	16022404 001
Result:	Pass
Comment:	Horizontal

Subrange 1

Frequency Range:	2GHz -3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Sign-off Test Data



Date: 3/23/2010 - Time: 5:58:36 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.: 16022404 001
Test Report No.

Seite 46 von 47
Page 46 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

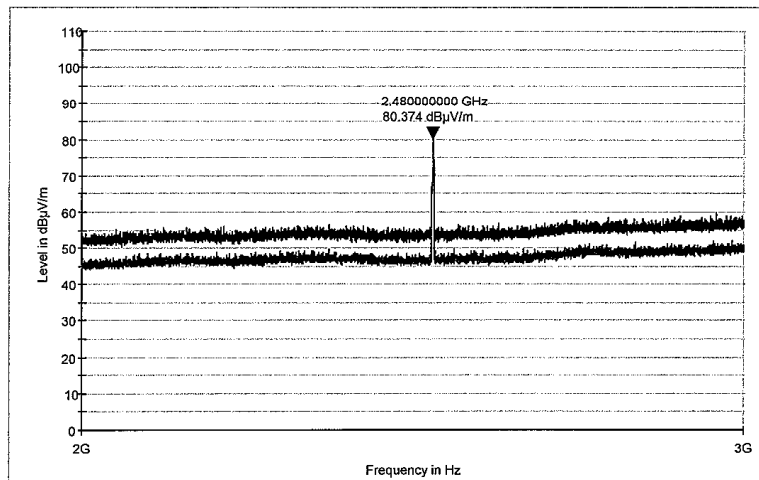
Test Information

Manufacturer:	Foryou
Test Item:	Car Audio
Identification:	CID2680
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @ High channel
Climate Condition:	23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 12V
Receipt No.:	173051229 200
Report No.:	16022404 001
Result:	Pass
Comment:	Vertical

Subrange 1

Frequency Range:	2GHz -3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Sign-off Test Data



Date: 3/23/2010 - Time: 5:46:13 PM

Tested by:



Reviewed by:



Prüfbericht - Nr.:

16022404 001

Test Report No.

Seite 47 von 47

Page 47 of 47

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

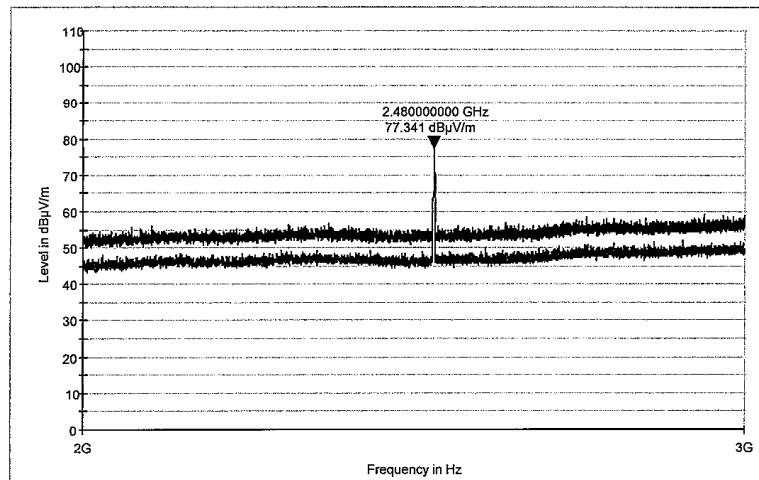
Test Information

Manufacturer:	Foryou
Test Item:	Car Audio
Identification:	CID2680
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @ High channel
Climate Condition:	23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.:	DC 12V
Receipt No.:	173051229 200
Report No.:	16022404 001
Result:	Pass
Comment:	Horizontal

Subrange 1

Frequency Range:	2GHz -3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Sign-off Test Data



Date: 3/23/2010 - Time: 5:48:31 PM

Tested by:



Reviewed by:

