

Prüfbericht - Nr.:
Test Report No.

16059704 002

Seite 69 von 76
Page 69 of 76

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

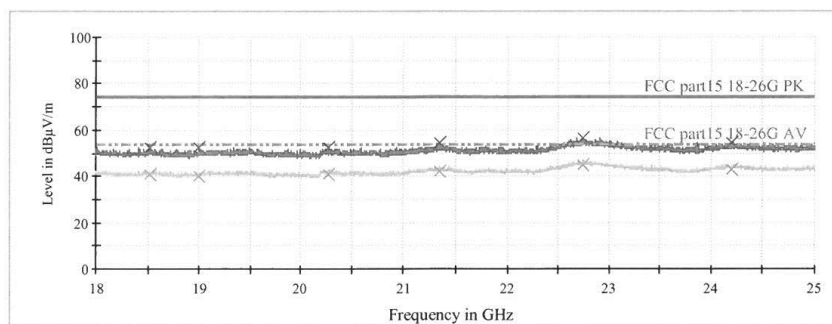
EMC Test Record (Emission)

Common Information

Manufacturer: Allike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Tx @ High channel (EDR)
Climate Condition: 23°C ; 50 %RH; 101 kPa.
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704 001
Result: Pass
Comment: Test distance is 3m, Horizontal



Subrange 1
Frequency Range: 18GHz-25GHz
Receiver: TUV FSP30
Transducer: TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/)
18522.000000	52.6	1000.0	1000.000	H	4.3	21.4	74.0
18999.000000	52.2	1000.0	1000.000	H	4.7	21.8	74.0
20272.000000	52.7	1000.0	1000.000	H	4.8	21.3	74.0
21343.000000	54.6	1000.0	1000.000	H	6.0	19.5	74.0
22737.000000	56.3	1000.0	1000.000	H	9.0	17.7	74.0
24201.000000	54.8	1000.0	1000.000	H	6.0	19.2	74.0

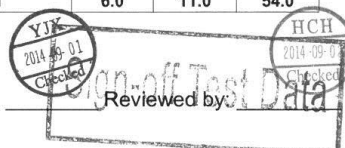
Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/)
18522.000000	40.6	1000.0	1000.000	H	4.3	13.4	54.0
18999.000000	40.0	1000.0	1000.000	H	4.7	14.0	54.0
20272.000000	41.0	1000.0	1000.000	H	4.8	13.0	54.0
21343.000000	42.4	1000.0	1000.000	H	6.0	11.6	54.0
22737.000000	44.7	1000.0	1000.000	H	9.0	9.3	54.0
24201.000000	43.0	1000.0	1000.000	H	6.0	11.0	54.0

Date: 8/28/2014 - Time: 3:41:32

Tested by:

Reviewed by:



Prüfbericht - Nr.:
Test Report No.

16059704 002


Seite 70 von 76
Page 70 of 76

TUV Rheinland (Guangdong) Ltd.

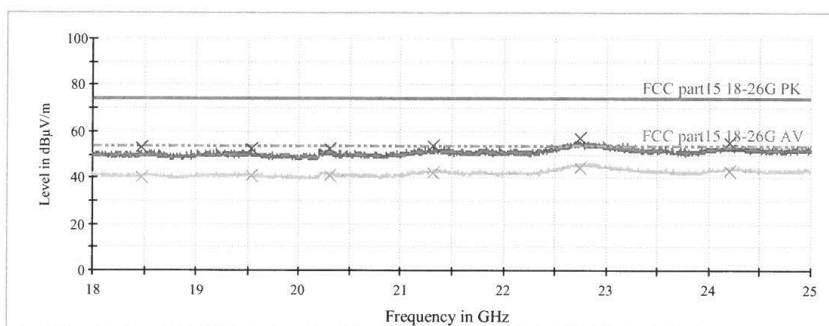
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Alike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Tx @ High channel (EDR)
Climate Condition: 23°C ; 50 %RH; 101 kPa.
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704.001
Result: Pass 
Comment: Test distance is 3m, Vertical

Subrange 1
Frequency Range: 18GHz-25GHz
Receiver: TUV FSP30
Transducer: TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/)
18479.000000	53.0	1000.0	1000.000	V	4.3	21.0	74.0
19530.000000	52.7	1000.0	1000.000	V	4.8	21.4	74.0
20302.000000	52.7	1000.0	1000.000	V	4.8	21.3	74.0
21314.000000	54.0	1000.0	1000.000	V	5.9	20.0	74.0
22744.000000	56.8	1000.0	1000.000	V	9.0	17.2	74.0
24199.000000	55.1	1000.0	1000.000	V	6.0	18.9	74.0

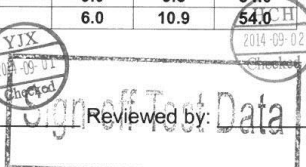
Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/)
18479.000000	40.3	1000.0	1000.000	V	4.3	13.7	54.0
19530.000000	40.5	1000.0	1000.000	V	4.8	13.5	54.0
20302.000000	40.6	1000.0	1000.000	V	4.8	13.4	54.0
21314.000000	42.1	1000.0	1000.000	V	5.9	11.9	54.0
22744.000000	44.5	1000.0	1000.000	V	9.0	9.5	54.0
24199.000000	43.1	1000.0	1000.000	V	6.0	10.9	54.0

Date: 8/28/2014 - Time: 3:46:06

Tested by:

Reviewed by:



Prüfbericht - Nr.:

16059704 002

Test Report No.

Seite 71 von 76

Page 71 of 76

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Allike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Rx @ High channel
Climate Condition: 23°C ; 50 %RH; 101 kPa.
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704 002
Result: Pass
Comment: Test distance is 3m, Horizontal



Subrange 1

Frequency Range:

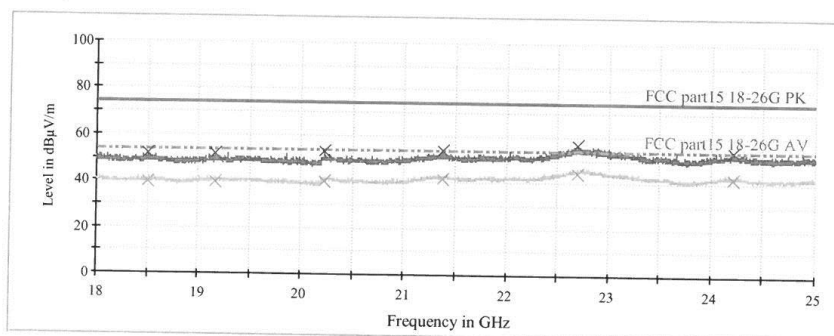
18GHz-25GHz

Receiver:

TUV FSP30

Transducer:

TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/)
18505.000000	51.6	1000.0	1000.000	H	4.3	22.5	74.0
19169.000000	51.6	1000.0	1000.000	H	4.9	22.4	74.0
20230.000000	53.0	1000.0	1000.000	H	4.8	21.0	74.0
21370.000000	53.5	1000.0	1000.000	H	6.0	20.5	74.0
22700.000000	56.6	1000.0	1000.000	H	9.1	17.4	74.0
24218.000000	53.9	1000.0	1000.000	H	5.9	20.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/)
18505.000000	39.6	1000.0	1000.000	H	4.3	14.4	54.0
19169.000000	39.6	1000.0	1000.000	H	4.9	14.4	54.0
20230.000000	40.3	1000.0	1000.000	H	4.8	13.7	54.0
21370.000000	41.7	1000.0	1000.000	H	6.0	12.3	54.0
22700.000000	44.4	1000.0	1000.000	H	9.1	9.6	54.0
24218.000000	42.2	1000.0	1000.000	H	5.9	11.8	54.0

Date: 8/28/2014 - Time: 4:48:51

Tested by:

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Prüfbericht - Nr.:
Test Report No.

16059704 002

Seite 72 von 76
Page 72 of 76

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

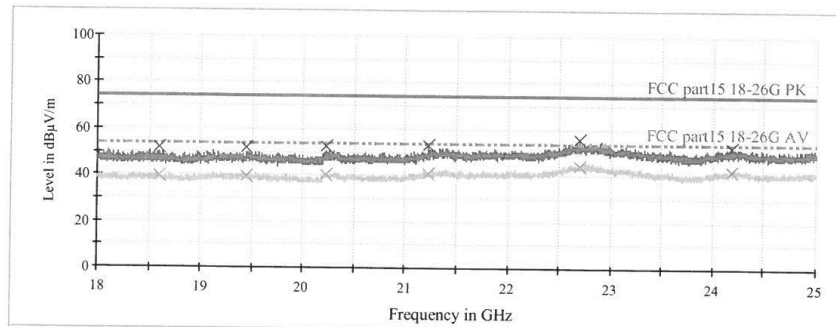
EMC Test Record (Emission)

Common Information

Manufacturer: Allike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Rx @ High channel
Climate Condition: 23°C ; 50 %RH; 101 kPa.
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704.001
Result: Pass
Comment: Test distance is 3m, Vertical



Subrange 1
Frequency Range: 18GHz-25GHz
Receiver: TUV FSP30
Transducer: TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/)
18599.000000	51.5	1000.0	1000.000	V	4.4	22.5	74.0
19447.000000	51.5	1000.0	1000.000	V	4.9	22.5	74.0
20229.000000	52.2	1000.0	1000.000	V	4.8	21.8	74.0
21225.000000	53.2	1000.0	1000.000	V	5.6	20.8	74.0
22701.000000	55.9	1000.0	1000.000	V	9.1	18.1	74.0
24193.000000	52.1	1000.0	1000.000	V	6.0	21.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/)
18599.000000	39.2	1000.0	1000.000	V	4.4	14.8	54.0
19447.000000	39.5	1000.0	1000.000	V	4.9	14.5	54.0
20229.000000	40.1	1000.0	1000.000	V	4.8	13.9	54.0
21225.000000	40.8	1000.0	1000.000	V	5.6	13.2	54.0
22701.000000	44.2	1000.0	1000.000	V	9.1	9.8	54.0
24193.000000	42.0	1000.0	1000.000	V	6.0	12.0	54.0

Date: 8/28/2014 - Time: 4:54:36

Tested by:

Reviewed by:



Off Test Data

Prüfbericht - Nr.:

16059704 002

Test Report No.

Seite 73 von 76

Page 73 of 76

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Allike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Rx @ Mid channel
Climate Condition: 23°C ; 50 %RH; 101 kPa.
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704 002
Result: Pass
Comment: Test distance is 3m, Horizontal



Subrange 1

Frequency Range:

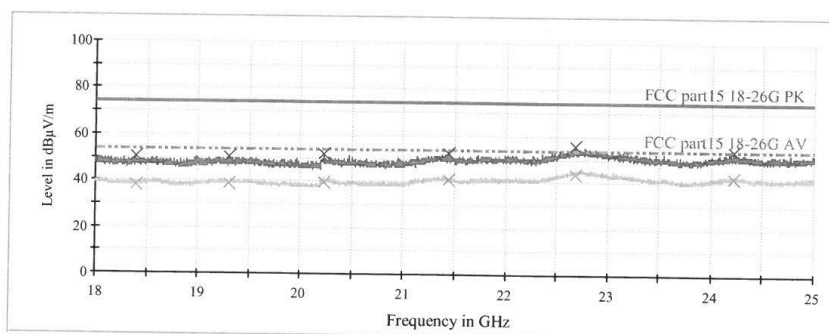
18GHz-25GHz

Receiver:

TUV FSP30

Transducer:

TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18405.000000	50.3	1000.0	1000.000	H	4.1	23.7	74.0
19300.000000	50.6	1000.0	1000.000	H	4.9	23.4	74.0
20229.000000	51.4	1000.0	1000.000	H	4.8	22.6	74.0
21434.000000	52.6	1000.0	1000.000	H	6.0	21.4	74.0
22679.000000	55.6	1000.0	1000.000	H	9.1	18.4	74.0
24210.000000	53.9	1000.0	1000.000	H	5.9	20.1	74.0

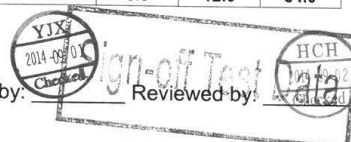
Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18405.000000	38.4	1000.0	1000.000	H	4.1	15.6	54.0
19300.000000	38.8	1000.0	1000.000	H	4.9	15.2	54.0
20229.000000	39.7	1000.0	1000.000	H	4.8	14.3	54.0
21434.000000	40.8	1000.0	1000.000	H	6.0	13.2	54.0
22679.000000	43.8	1000.0	1000.000	H	9.1	10.2	54.0
24210.000000	42.0	1000.0	1000.000	H	5.9	12.0	54.0

Date: 8/28/2014 - Time: 4:34:29

Tested by:

Reviewed by:



Prüfbericht - Nr.:

16059704 002

Test Report No.

Seite 74 von 76

Page 74 of 76

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

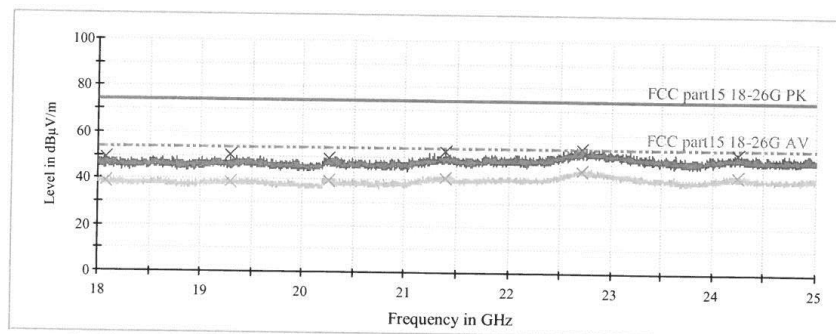
EMC Test Record (Emission)

Common Information

Manufacturer: Allike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Rx @ Mid channel
Climate Condition: 23°C ; 50 %RH; 101 kPa
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704 001
Result: Pass
Comment: Test distance is 3m, Vertical



Subrange 1
Frequency Range: 18GHz-25GHz
Receiver: TUV FSP30
Transducer: TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18080.000000	49.1	1000.0	1000.000	V	3.8	24.9	74.0
19297.000000	50.3	1000.0	1000.000	V	5.0	23.7	74.0
20257.000000	49.1	1000.0	1000.000	V	4.8	24.9	74.0
21386.000000	52.6	1000.0	1000.000	V	6.0	21.4	74.0
22709.000000	53.8	1000.0	1000.000	V	9.1	20.2	74.0
24242.000000	52.0	1000.0	1000.000	V	5.9	22.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18080.000000	39.0	1000.0	1000.000	V	3.8	15.0	54.0
19297.000000	38.9	1000.0	1000.000	V	5.0	15.1	54.0
20257.000000	39.5	1000.0	1000.000	V	4.8	14.5	54.0
21386.000000	41.0	1000.0	1000.000	V	6.0	13.0	54.0
22709.000000	44.1	1000.0	1000.000	V	9.1	9.9	54.0
24242.000000	42.0	1000.0	1000.000	V	5.9	12.0	54.0

Date: 8/28/2014 - Time: 4:31:37

Tested by:

Reviewed by:



Off-Test Data

Prüfbericht - Nr.:

16059704 002

Test Report No.

Seite 75 von 76

Page 75 of 76

TUV Rheinland (Guangdong) Ltd.

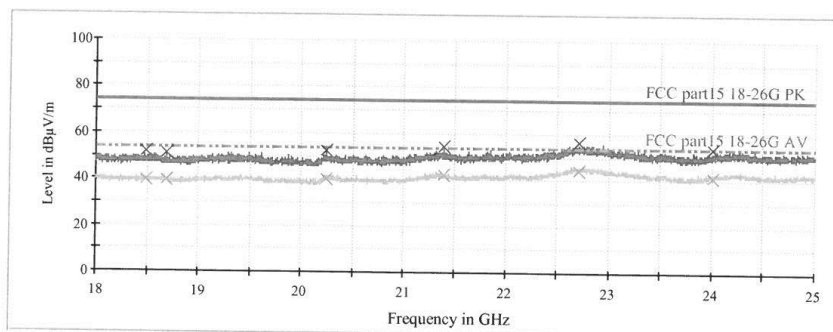
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Allike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Rx @ Low channel
Climate Condition: 23°C ; 50 %RH; 101 kPa.
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704 001
Result: Pass 002
Comment: Test distance is 3m, Horizontal

Subrange 1
Frequency Range: 18GHz-25GHz
Receiver: TUV 3160-09 TSP30
Transducer: TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit (dBμV/m)
18489.000000	51.7	1000.0	1000.000	H	4.3	22.3	74.0
18687.000000	50.7	1000.0	1000.000	H	4.5	34.9	74.0
20239.000000	52.1	1000.0	1000.000	H	4.8	33.6	74.0
21391.000000	54.2	1000.0	1000.000	H	6.0	32.1	74.0
22715.000000	56.3	1000.0	1000.000	H	9.0	29.6	74.0
24023.000000	54.0	1000.0	1000.000	H	5.9	20.0	74.0

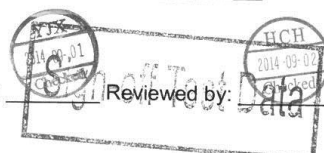
Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit (dBμV/m)
18489.000000	39.6	1000.0	1000.000	H	4.3	14.4	54.0
18687.000000	39.1	1000.0	1000.000	H	4.5	14.9	54.0
20239.000000	40.4	1000.0	1000.000	H	4.8	13.6	54.0
21391.000000	41.9	1000.0	1000.000	H	6.0	12.1	54.0
22715.000000	44.4	1000.0	1000.000	H	9.0	9.6	54.0
24023.000000	42.0	1000.0	1000.000	H	5.9	12.0	54.0

Date: 8/28/2014 - Time: 4:26:31

Tested by:

Reviewed by:



Prüfbericht - Nr.:

16059704 002

Test Report No.

Seite 76 von 76

Page 76 of 76

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Allike
Test Item: Tower Stereo System
Identification: ITSB-300W
Test Standard: FCC Part 15.209
Test Detail: RE
Operation Mode: Rx @ Low channel
Climate Condition: 23°C ; 50 %RH; 101 kPa.
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 174024892
Report No: 16059704 001
Result: Pass
Comment: Test distance is 3m, Vertical



Subrange 1

Frequency Range:

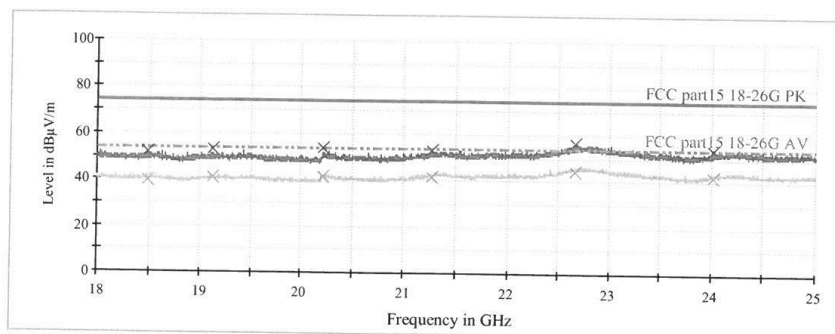
18GHz-25GHz

Receiver:

TUV FSP30

Transducer:

TUV SAC 3160-09/ TUV FSP30-TUV SAC 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit (dBμV/m)
18489.000000	51.7	1000.0	1000.000	V	4.3	22.3	74.0
19297.000000	50.3	1000.0	1000.000	V	5.0	23.7	74.0
20257.000000	49.1	1000.0	1000.000	V	4.8	24.9	74.0
21272.000000	53.4	1000.0	1000.000	V	5.8	20.6	74.0
22661.000000	56.1	1000.0	1000.000	V	9.0	17.9	74.0
24023.000000	54.0	1000.0	1000.000	V	5.9	20.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit (dBμV/m)
18489.000000	39.6	1000.0	1000.000	V	4.3	14.4	54.0
19297.000000	38.9	1000.0	1000.000	V	5.0	15.1	54.0
20257.000000	39.5	1000.0	1000.000	V	4.8	14.5	54.0
21272.000000	41.4	1000.0	1000.000	V	5.8	12.6	54.0
22661.000000	44.2	1000.0	1000.000	V	9.0	9.8	54.0
24023.000000	42.0	1000.0	1000.000	V	5.9	12.0	54.0

Date: 8/28/2014 - Time: 4:22:05

Tested by:

Reviewed by: Data

