

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1195.000000	42.5	1000.0	1000.000	V	-15.7	31.5	74.0
1431.000000	43.0	1000.0	1000.000	V	-14.6	31.0	74.0
1593.000000	45.2	1000.0	1000.000	V	-13.7	28.8	74.0
1992.000000	47.1	1000.0	1000.000	V	-10.8	26.9	74.0
3000.000000	50.2	1000.0	1000.000	V	-8.8	23.8	74.0
4338.000000	47.6	1000.0	1000.000	V	-5.1	26.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
1195.000000	26.3	1000.0	1000.000	V	-15.7	27.7	54.0
1431.000000	29.9	1000.0	1000.000	V	-14.6	24.1	54.0
1593.000000	29.8	1000.0	1000.000	V	-13.7	24.2	54.0
1992.000000	29.8	1000.0	1000.000	V	-10.8	24.2	54.0
3000.000000	31.6	1000.0	1000.000	V	-8.8	22.4	54.0
4338.000000	33.8	1000.0	1000.000	V	-5.1	20.2	54.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

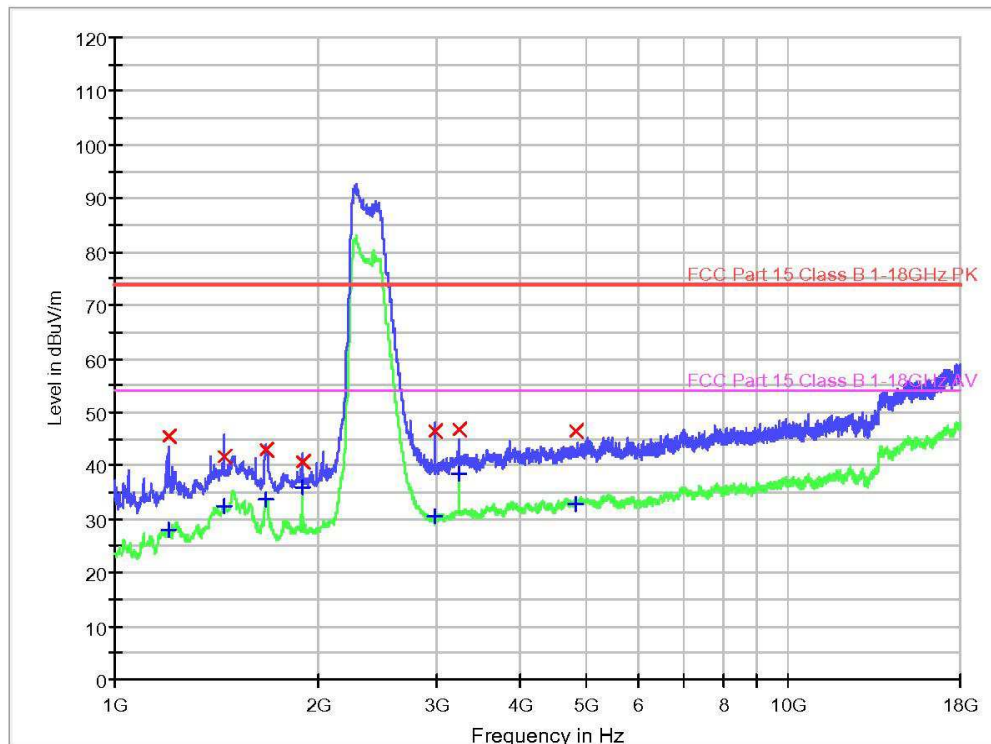
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11 n HT40-Low)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by: *Chris Liang*

20190627

Reviewed by: *Jocky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1199.750000	45.5	1000.0	1000.000	H	-15.6	28.5	74.0
1452.625000	41.7	1000.0	1000.000	H	-14.6	32.3	74.0
1673.625000	42.8	1000.0	1000.000	H	-13.3	31.2	74.0
1898.875000	40.7	1000.0	1000.000	H	-11.8	33.3	74.0
2991.125000	46.6	1000.0	1000.000	H	-8.8	27.4	74.0
3241.875000	46.8	1000.0	1000.000	H	-7.9	27.2	74.0
4844.000000	46.4	1000.0	1000.000	H	-4.6	27.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
1199.750000	28.0	1000.0	1000.000	H	-15.6	26.0	54.0
1452.625000	32.6	1000.0	1000.000	H	-14.6	21.4	54.0
1673.625000	33.8	1000.0	1000.000	H	-13.3	20.2	54.0
1898.875000	35.9	1000.0	1000.000	H	-11.8	18.1	54.0
2991.125000	30.5	1000.0	1000.000	H	-8.8	23.5	54.0
3241.875000	38.7	1000.0	1000.000	H	-7.9	15.3	54.0
4844.000000	32.9	1000.0	1000.000	H	-4.6	21.1	54.0

Tested by:

Chris Liang

Reviewed by:

Jocky Chen

20190627

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

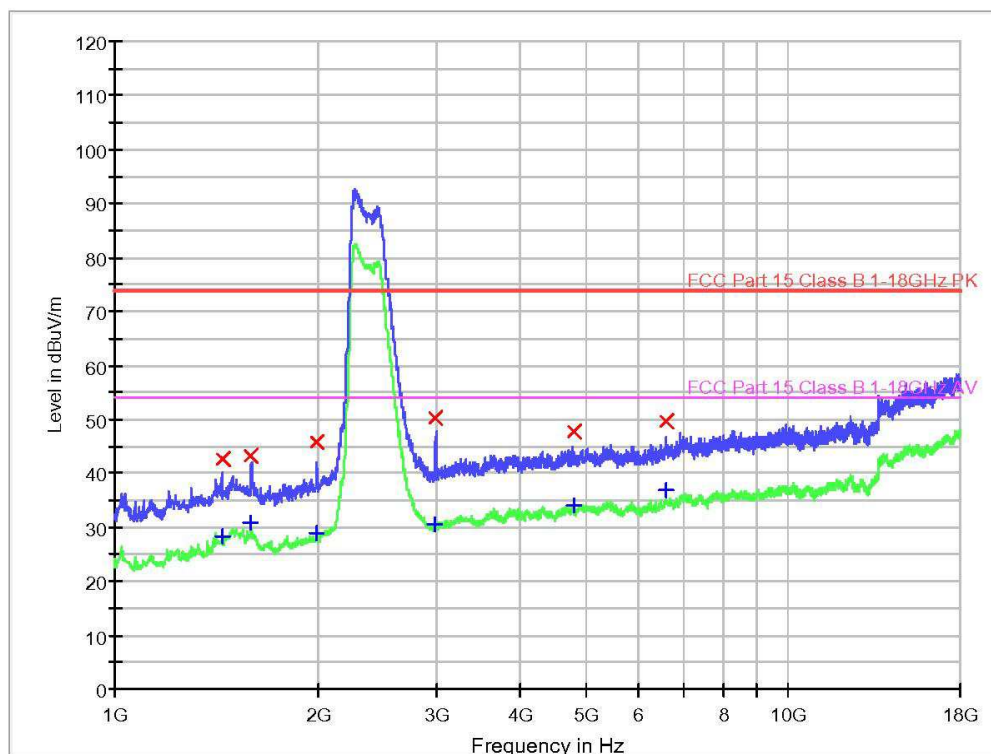
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11 n HT40-Mid)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1442.000000	42.6	1000.0	1000.000	V	-14.6	31.4	74.0
1593.000000	43.3	1000.0	1000.000	V	-13.7	30.7	74.0
1992.000000	45.8	1000.0	1000.000	V	-10.8	28.3	74.0
2987.000000	50.3	1000.0	1000.000	V	-8.8	23.7	74.0
4810.000000	47.7	1000.0	1000.000	V	-4.7	26.3	74.0
6584.000000	49.5	1000.0	1000.000	V	-2.6	24.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
1442.000000	28.3	1000.0	1000.000	V	-14.6	25.7	54.0
1593.000000	30.9	1000.0	1000.000	V	-13.7	23.1	54.0
1992.000000	28.9	1000.0	1000.000	V	-10.8	25.1	54.0
2987.000000	30.5	1000.0	1000.000	V	-8.8	23.5	54.0
4810.000000	34.0	1000.0	1000.000	V	-4.7	20.1	54.0
6584.000000	37.0	1000.0	1000.000	V	-2.6	17.0	54.0

Tested by:

Chris Liang

20190627

Reviewed by:

Jacky Chen

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

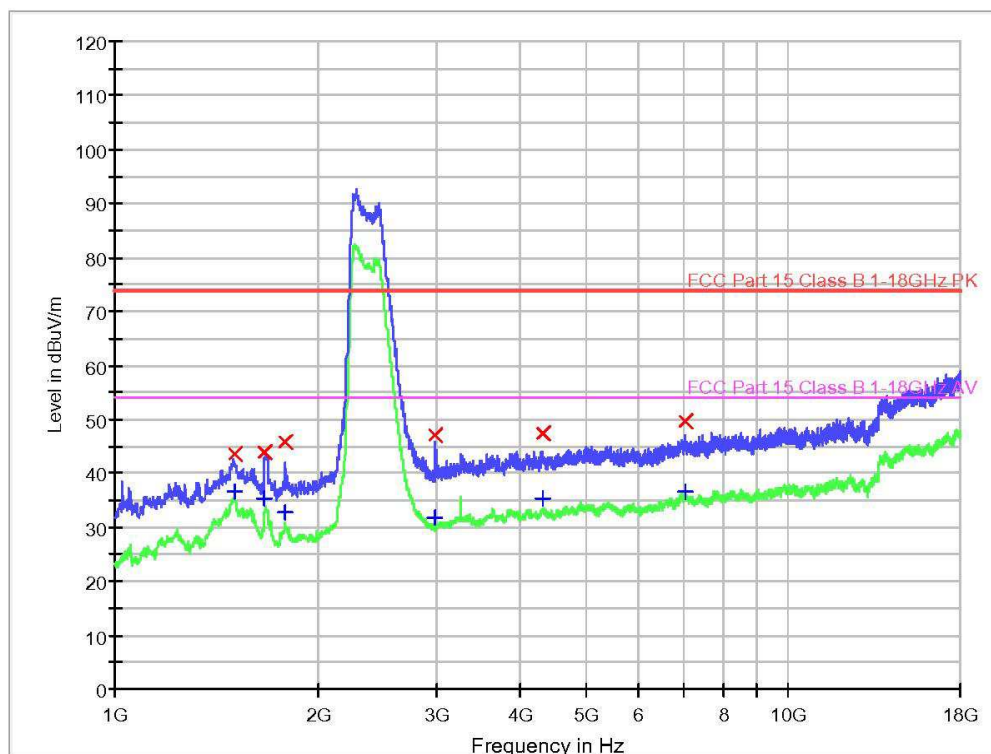
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11 n HT40-Mid)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1504.000000	43.8	1000.0	1000.000	H	-14.2	30.2	74.0
1671.000000	43.8	1000.0	1000.000	H	-13.3	30.2	74.0
1795.000000	45.8	1000.0	1000.000	H	-12.3	28.2	74.0
2993.000000	47.2	1000.0	1000.000	H	-8.8	26.9	74.0
4328.000000	47.4	1000.0	1000.000	H	-5.1	26.6	74.0
7016.000000	49.8	1000.0	1000.000	H	-1.6	24.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
1504.000000	36.5	1000.0	1000.000	H	-14.2	17.5	54.0
1671.000000	35.5	1000.0	1000.000	H	-13.3	18.5	54.0
1795.000000	32.7	1000.0	1000.000	H	-12.3	21.3	54.0
2993.000000	31.7	1000.0	1000.000	H	-8.8	22.3	54.0
4328.000000	35.3	1000.0	1000.000	H	-5.1	18.7	54.0
7016.000000	36.5	1000.0	1000.000	H	-1.6	17.5	54.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

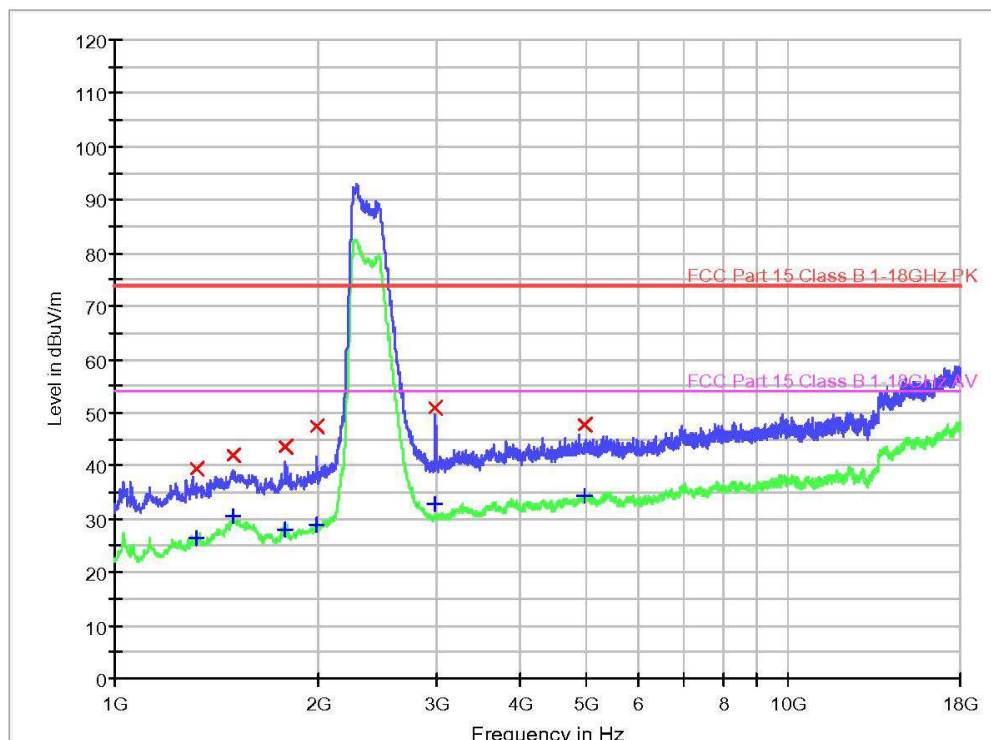
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11 n HT40-High)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by: *Chris Liang*
20190627

Reviewed by: *Jacky Chen*
20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1323.000000	39.4	1000.0	1000.000	V	-15.1	34.6	74.0
1495.000000	42.1	1000.0	1000.000	V	-14.3	31.9	74.0
1790.000000	43.6	1000.0	1000.000	V	-12.3	30.4	74.0
1999.000000	47.5	1000.0	1000.000	V	-10.6	26.5	74.0
2985.000000	50.8	1000.0	1000.000	V	-8.8	23.2	74.0
4982.000000	47.8	1000.0	1000.000	V	-4.6	26.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
1323.000000	26.4	1000.0	1000.000	V	-15.1	27.6	54.0
1495.000000	30.7	1000.0	1000.000	V	-14.3	23.3	54.0
1790.000000	28.0	1000.0	1000.000	V	-12.3	26.0	54.0
1999.000000	29.1	1000.0	1000.000	V	-10.6	24.9	54.0
2985.000000	32.7	1000.0	1000.000	V	-8.8	21.3	54.0
4982.000000	34.5	1000.0	1000.000	V	-4.6	19.5	54.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

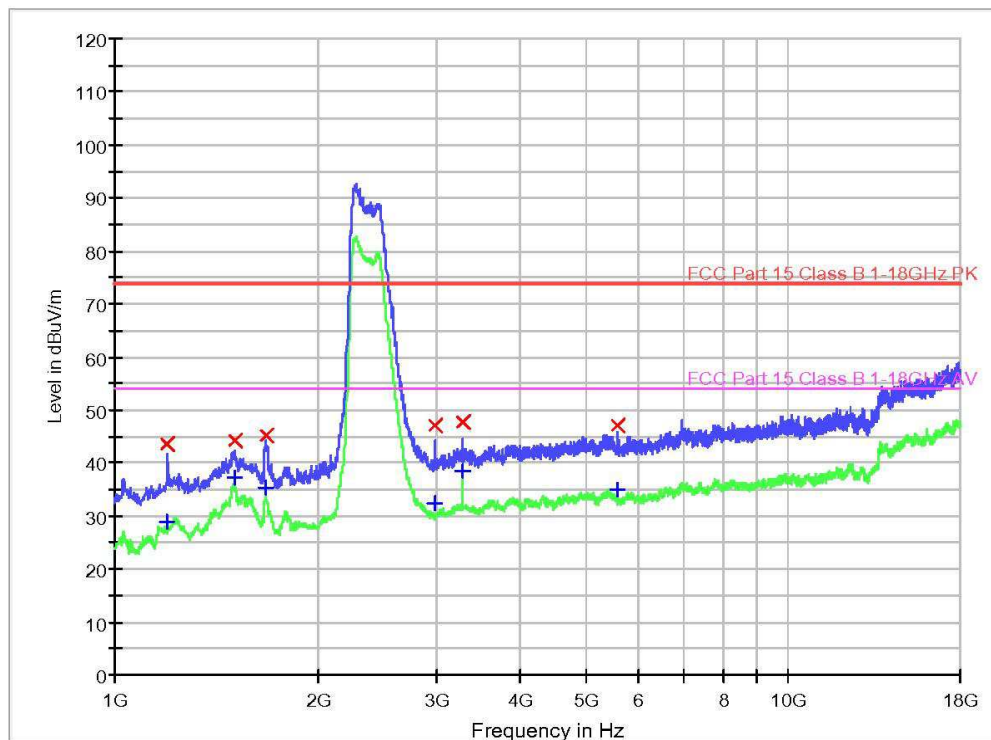
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11 n HT40-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by: *Chris Liang*
20190627

Reviewed by: *Jacky Chen*
20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1198.000000	43.7	1000.0	1000.000	H	-15.6	30.3	74.0
1508.000000	44.4	1000.0	1000.000	H	-14.2	29.6	74.0
1680.000000	45.3	1000.0	1000.000	H	-13.2	28.7	74.0
2987.000000	47.2	1000.0	1000.000	H	-8.8	26.8	74.0
3282.000000	47.8	1000.0	1000.000	H	-7.8	26.2	74.0
5581.000000	47.0	1000.0	1000.000	H	-4.3	27.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
1198.000000	29.1	1000.0	1000.000	H	-15.6	25.0	54.0
1508.000000	37.2	1000.0	1000.000	H	-14.2	16.8	54.0
1680.000000	35.4	1000.0	1000.000	H	-13.2	18.6	54.0
2987.000000	32.6	1000.0	1000.000	H	-8.8	21.4	54.0
3282.000000	38.6	1000.0	1000.000	H	-7.8	15.4	54.0
5581.000000	35.0	1000.0	1000.000	H	-4.3	19.0	54.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

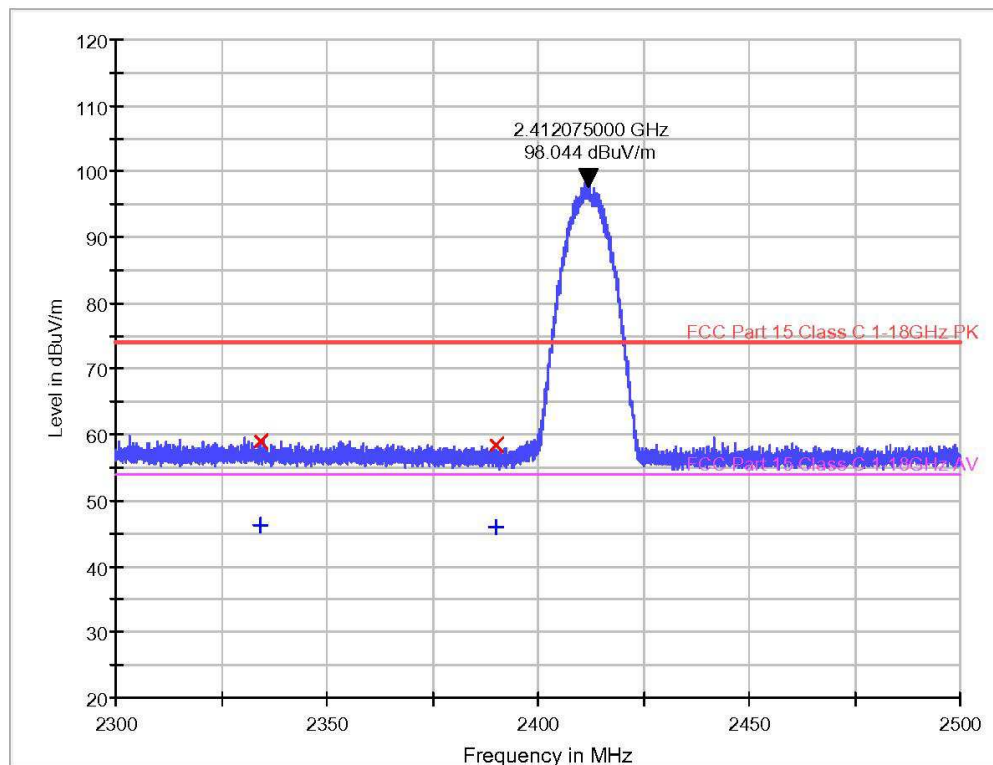
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 b-Low)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2334.100000	59.0	1000.0	1000.000	V	32.9	15.0	74.0
2390.000000	58.5	1000.0	1000.000	V	33.0	15.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2334.100000	46.4	1000.0	1000.000	V	32.9	7.6	54.0
2390.000000	45.9	1000.0	1000.000	V	33.0	8.1	54.0

Tested by: *Chris Liang*
20190627

Reviewed by: *Jacky Chen*
20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

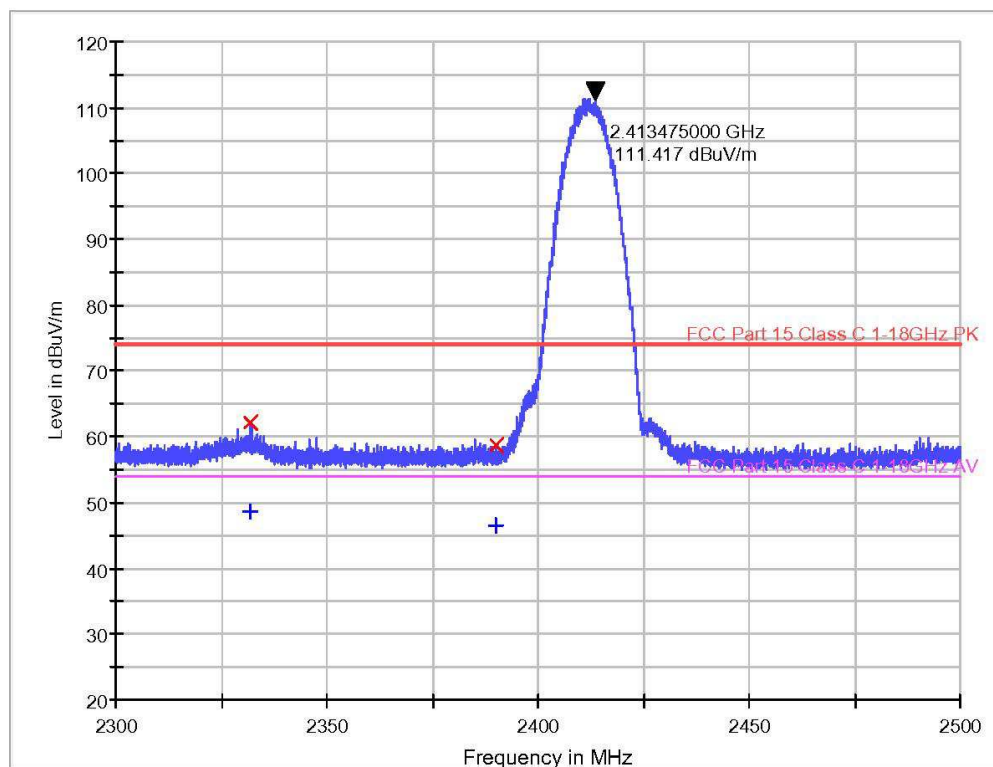
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 b-Low)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by: Chris Liang

20190627

Reviewed by: Jacky Chen

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2331.650000	62.2	1000.0	1000.000	H	32.9	11.8	74.0
2390.000000	58.7	1000.0	1000.000	H	33.0	15.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2331.650000	48.6	1000.0	1000.000	H	32.9	5.4	54.0
2390.000000	46.4	1000.0	1000.000	H	33.0	7.6	54.0

Tested by: *Chris Liang*
20190627

Reviewed by: *Jacky Chen*
20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

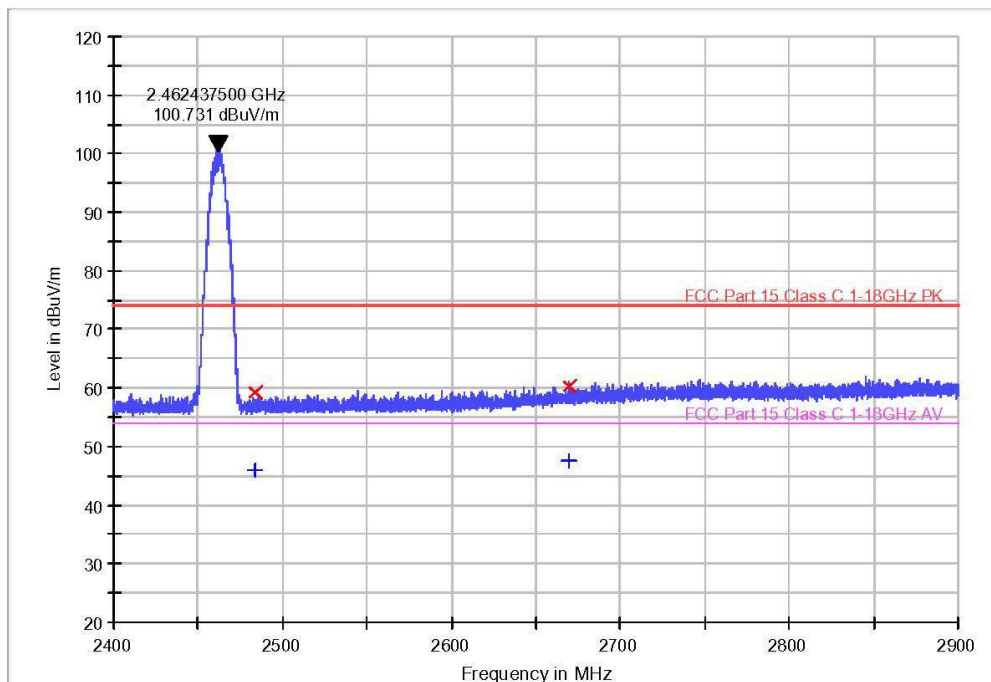
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 b-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by:

Chris Liang

Reviewed by:

Jacky Chen

20190627

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	59.3	1000.0	1000.000	V	33.2	14.7	74.0
2669.687500	60.3	1000.0	1000.000	V	33.9	13.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	46.0	1000.0	1000.000	V	33.2	8.0	54.0
2669.687500	47.5	1000.0	1000.000	V	33.9	6.5	54.0

Tested by:

Chris Liang

20190627

Reviewed by:

Jacky Chen

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

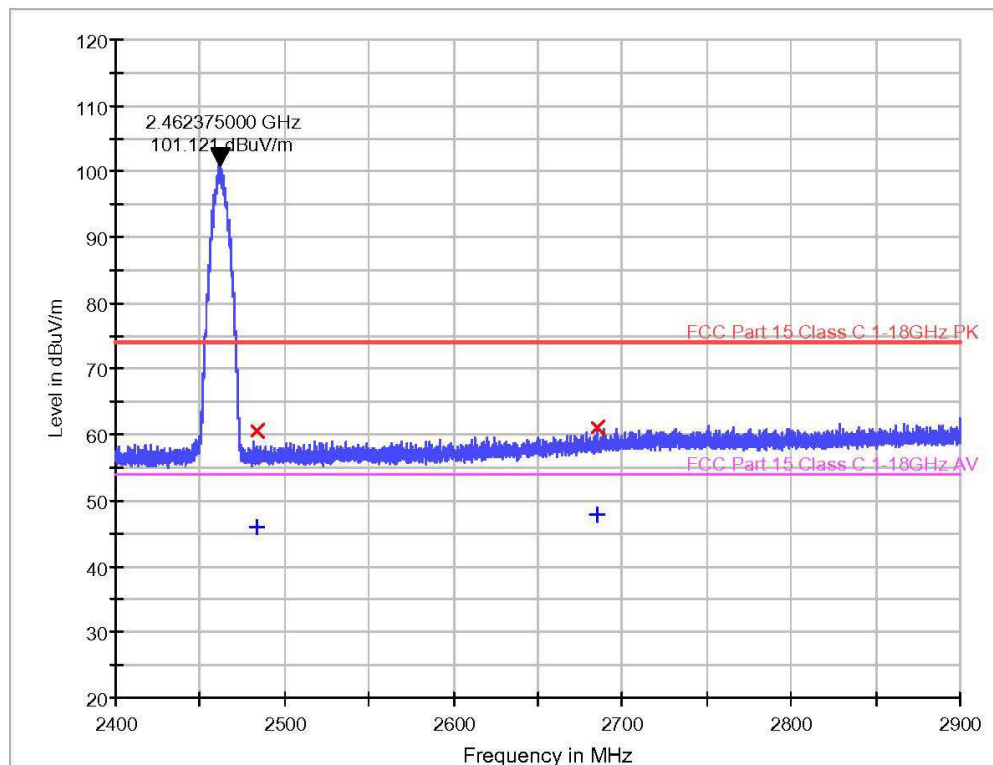
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 b-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	60.6	1000.0	1000.000	H	33.2	13.4	74.0
2685.187500	61.2	1000.0	1000.000	H	34.0	12.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	46.0	1000.0	1000.000	H	33.2	8.0	54.0
2685.187500	47.8	1000.0	1000.000	H	34.0	6.2	54.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

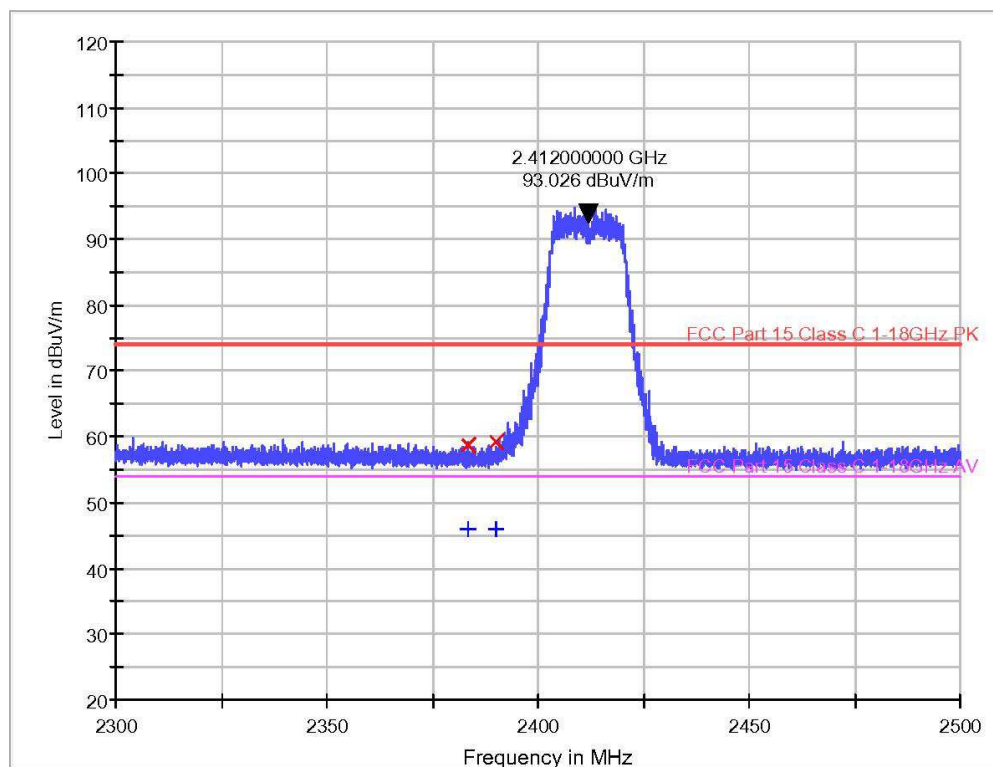
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 g-Low)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by:

Chris Liang

Reviewed by:

Jacky Chen

20190627

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2383.275000	58.8	1000.0	1000.000	V	33.0	15.2	74.0
2390.000000	59.3	1000.0	1000.000	V	33.0	14.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2383.275000	46.0	1000.0	1000.000	V	33.0	8.0	54.0
2390.000000	46.1	1000.0	1000.000	V	33.0	7.9	54.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

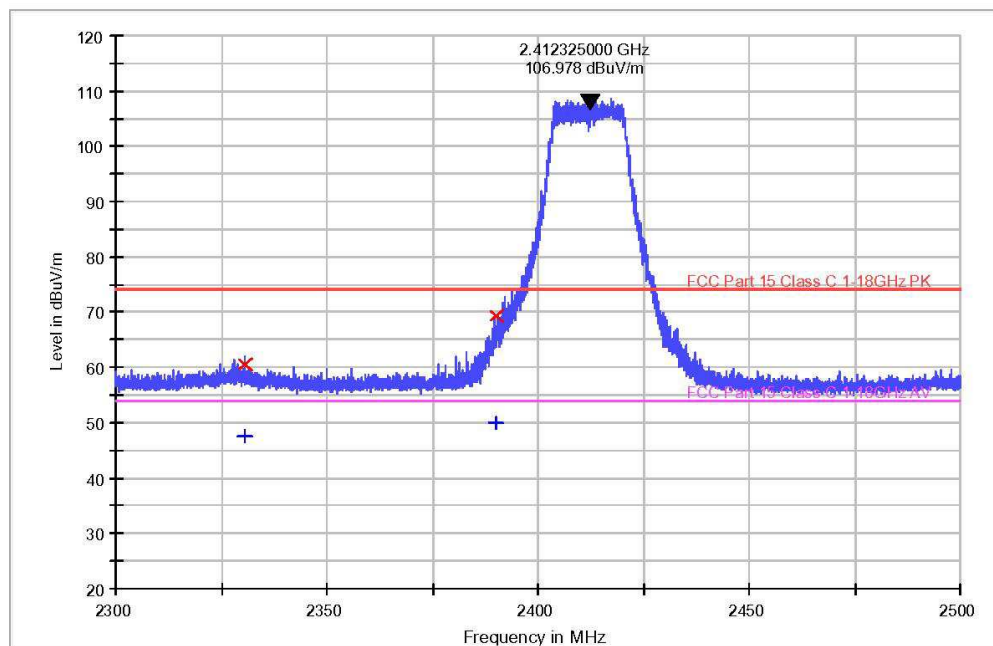
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 g-Low)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by:

Chris Liang

20190627

Reviewed by:

Jacky Chen

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2330.450000	60.6	1000.0	1000.000	H	32.9	13.4	74.0
2390.000000	69.2	1000.0	1000.000	H	33.0	4.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2330.450000	47.5	1000.0	1000.000	H	32.9	6.5	54.0
2390.000000	49.9	1000.0	1000.000	H	33.0	4.1	54.0

Tested by:

Chris Liang

20190627

Reviewed by:

Jacky Chen

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

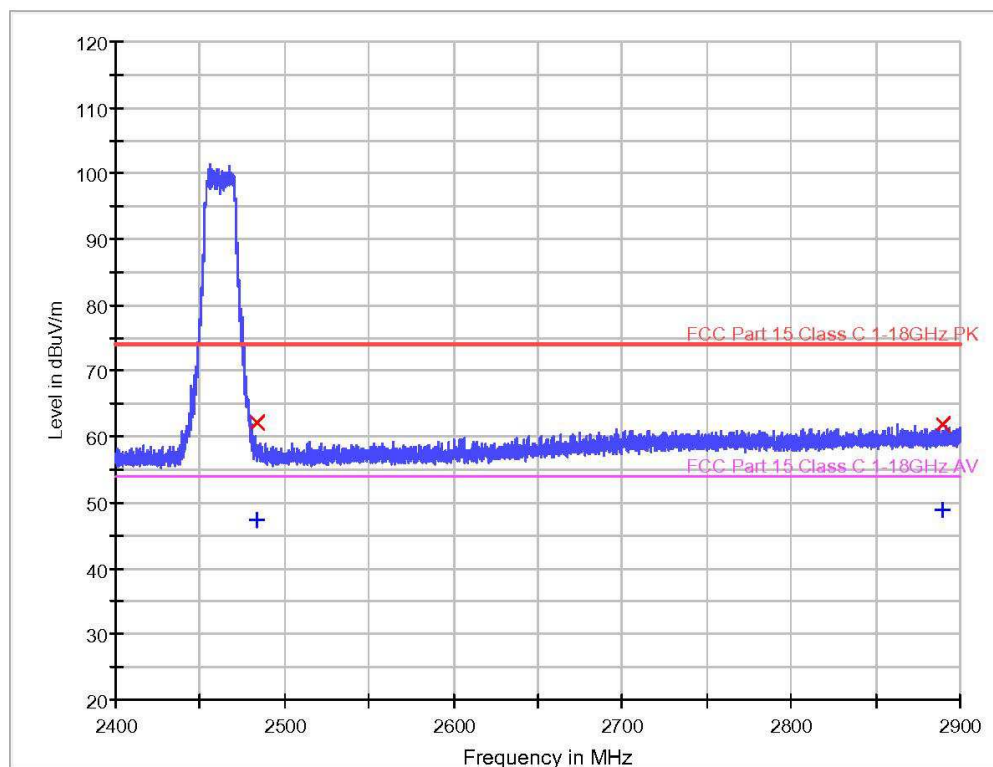
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 g-High)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by: Chris Liang

20190627

Reviewed by: Jacky Chen

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	62.1	1000.0	1000.000	V	33.2	11.9	74.0
2889.187500	61.8	1000.0	1000.000	V	34.8	12.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	47.4	1000.0	1000.000	V	33.2	-8.1	54.0
2889.187500	49.0	1000.0	1000.000	V	34.8	-7.8	54.0

Tested by:

Chris Liang

Reviewed by:

Jacky Chen

20190627

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

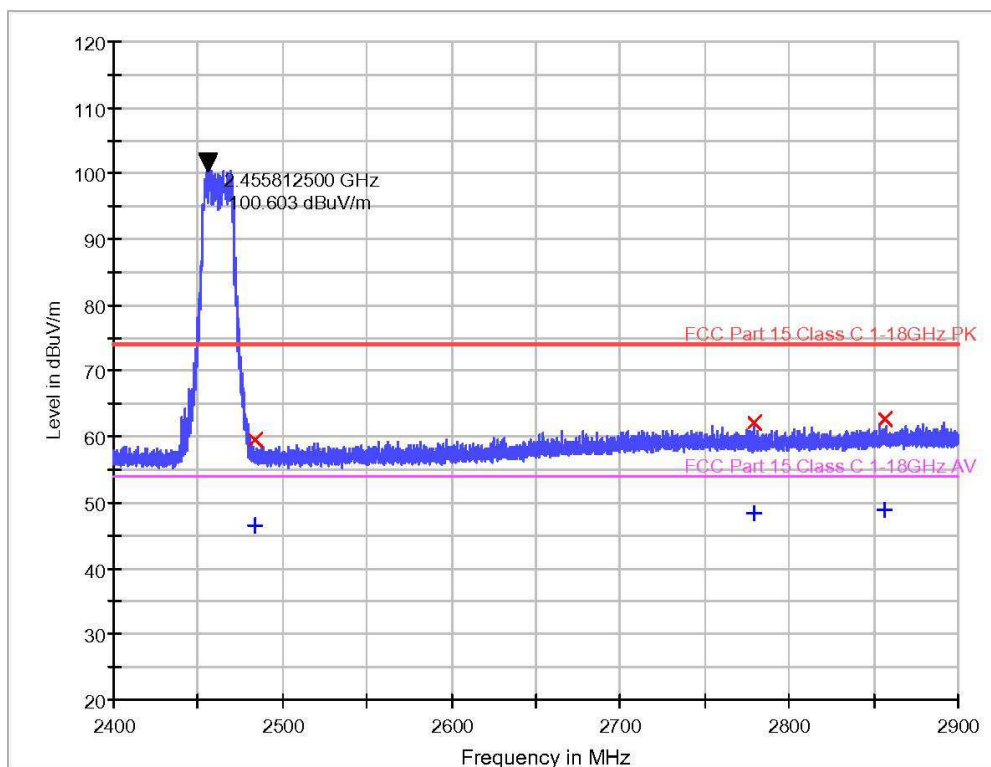
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 g-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	59.4	1000.0	1000.000	H	33.2	14.6	74.0
2779.562500	62.3	1000.0	1000.000	H	34.4	11.7	74.0
2856.125000	62.7	1000.0	1000.000	H	34.7	11.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	46.4	1000.0	1000.000	H	33.2	27.6	74.0
2779.562500	48.5	1000.0	1000.000	H	34.4	25.5	74.0
2856.125000	48.9	1000.0	1000.000	H	34.7	25.1	74.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

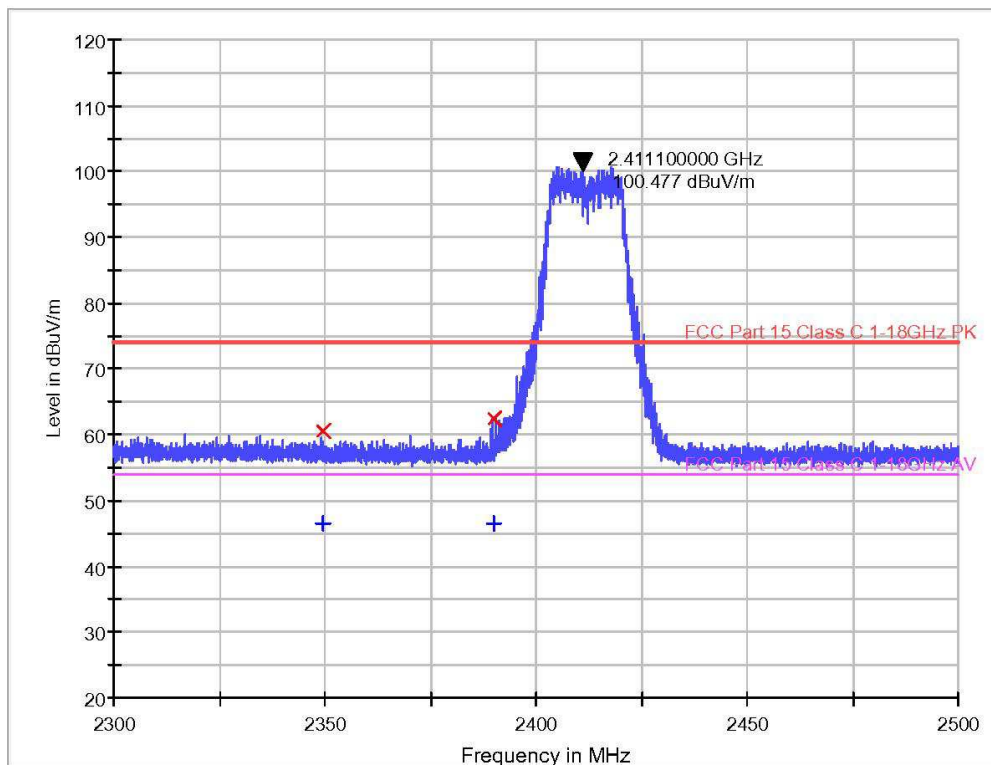
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 n HT20-Low)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



Tested by:

Chris Liang

Reviewed by:

Jacky Chen

20190627

20190628