

Table of Contents

| | | |
|------------|---|-----------|
| 1. | TRANSMITTER SPURIOUS EMISSIONS | 2 |
| 1.1 | TRANSMITTER SPURIOUS EMISSIONS FOR BLUETOOTH CLASSIC, BELOW 1GHz | 3 |
| 1.2 | TRANSMITTER SPURIOUS EMISSIONS FOR BLUETOOTH BLE, BELOW 1GHz | 15 |
| 1.3 | TRANSMITTER SPURIOUS EMISSIONS FOR BLUETOOTH CLASSIC, 1GHz-18GHz | 21 |
| 1.4 | TRANSMITTER SPURIOUS EMISSIONS FOR BLUETOOTH BLE, 1GHz-18GHz | 33 |
| 1.5 | TRANSMITTER SPURIOUS EMISSIONS FOR BLUETOOTH CLASSIC, 18GHz-26.5GHz .. | 39 |
| 1.6 | TRANSMITTER SPURIOUS EMISSIONS FOR BLUETOOTH BLE, 18GHz-26.5GHz..... | 51 |
| 1.7 | RESTRICTED BANDS FOR BLUETOOTH CLASSIC | 57 |
| 1.8 | RESTRICTED BANDS FOR BLUETOOTH BLE | 69 |
| 2. | CONDUCTED EMISSIONS | 73 |

Remark: The original sample's model name paralenz camera is changed to PDC-1 according to the client's requirement, while the change has no influence to the EMC performance that no additional test is needed.

1. Transmitter Spurious Emissions

*Note: 1, Testing is carried out with frequency rang 9kHz to the tenth harmonics.
2, The margin is greater than 20 dB are not shown in this Appendix.*

Appendix A
50087609 003



Produkte
Products

Page 3 of 74

1.1 Transmitter Spurious Emissions for Bluetooth Classic, Below 1GHz

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282

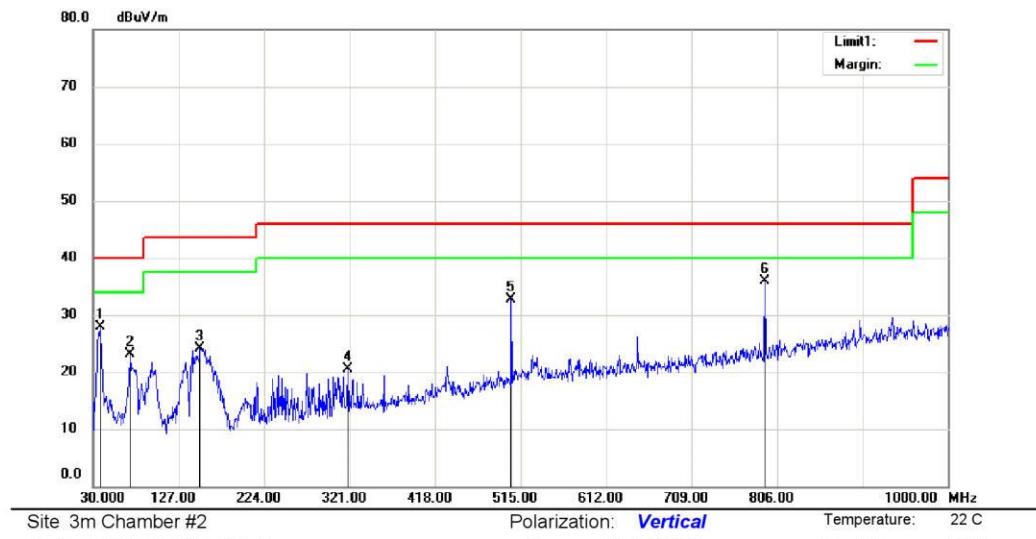


Radiated Emission Measurement

File :TUV 2017

Data :#1744

Date: 2017/07/06



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Diving Camera

M/N: Paralenz Camera

Mode:GFSK 2402

Note:

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 37.7600 | 42.93 | -14.93 | 28.00 | 40.00 | -12.00 | QP | | |
| 2 | | 71.7100 | 41.19 | -18.05 | 23.14 | 40.00 | -16.86 | QP | | |
| 3 | | 151.2500 | 42.43 | -18.23 | 24.20 | 43.50 | -19.30 | QP | | |
| 4 | | 319.0600 | 31.27 | -10.74 | 20.53 | 46.00 | -25.47 | QP | | |
| 5 | | 504.3300 | 39.03 | -6.34 | 32.69 | 46.00 | -13.31 | QP | | |
| 6 | * | 792.4200 | 36.83 | -0.85 | 35.98 | 46.00 | -10.02 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017 Data :#1744

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

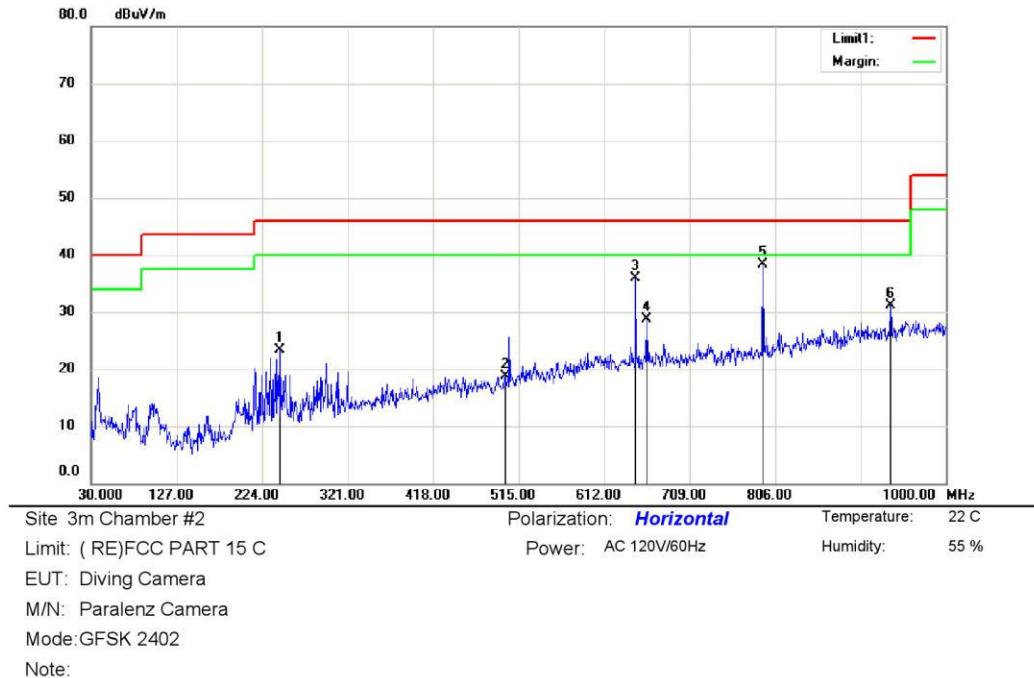

Access to the World

Radiated Emission Measurement

File :TUV 2017

Data #:1745

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | 244.3700 | 36.24 | -12.89 | 23.35 | 46.00 | -22.65 | QP | | | |
| 2 | 499.4800 | 25.15 | -6.47 | 18.68 | 46.00 | -27.32 | QP | | | |
| 3 | 647.8900 | 39.12 | -3.15 | 35.97 | 46.00 | -10.03 | QP | | | |
| 4 | 660.5000 | 31.76 | -2.99 | 28.77 | 46.00 | -17.23 | QP | | | |
| 5 * | 792.4200 | 39.14 | -0.85 | 38.29 | 46.00 | -7.71 | QP | | | |
| 6 | 936.9500 | 29.23 | 1.89 | 31.12 | 46.00 | -14.88 | QP | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data #:1745

Page: 1

Appendix A
50087609 003



Produkte
Products

Page 5 of 74

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

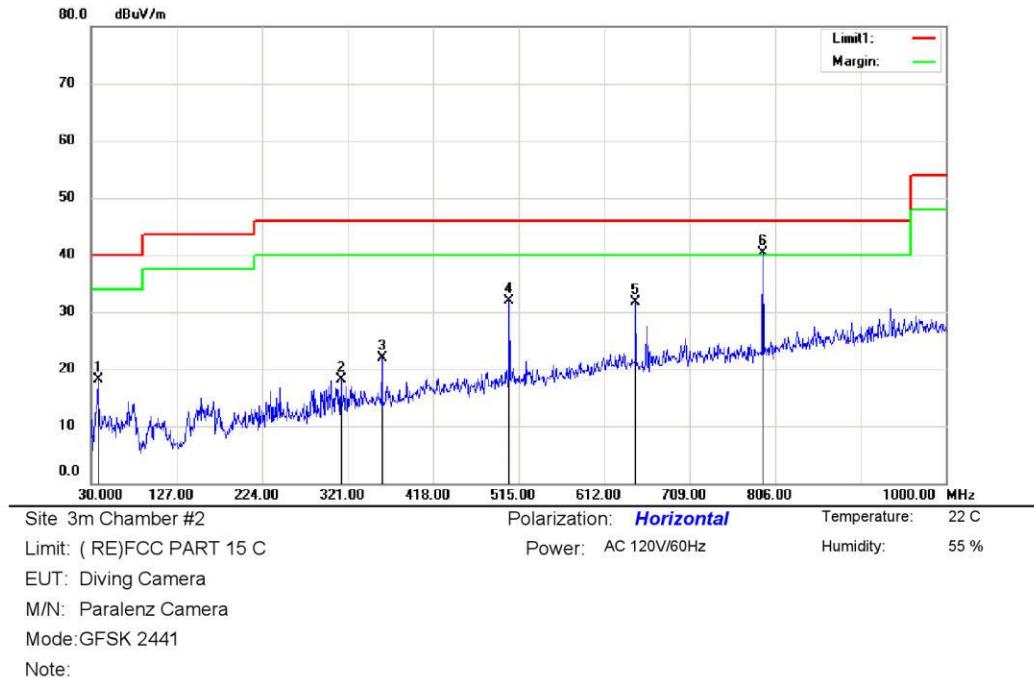
EMTEK
Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1746

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | | 37.7600 | 33.08 | -14.93 | 18.15 | 40.00 | -21.85 | QP | | |
| 2 | | 313.2400 | 29.03 | -10.97 | 18.06 | 46.00 | -27.94 | QP | | |
| 3 | | 359.8000 | 31.27 | -9.38 | 21.89 | 46.00 | -24.11 | QP | | |
| 4 | | 504.3300 | 38.29 | -6.34 | 31.95 | 46.00 | -14.05 | QP | | |
| 5 | | 647.8900 | 34.90 | -3.15 | 31.75 | 46.00 | -14.25 | QP | | |
| 6 | * | 792.4200 | 41.16 | -0.85 | 40.31 | 46.00 | -5.69 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\ Data #: 1746

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

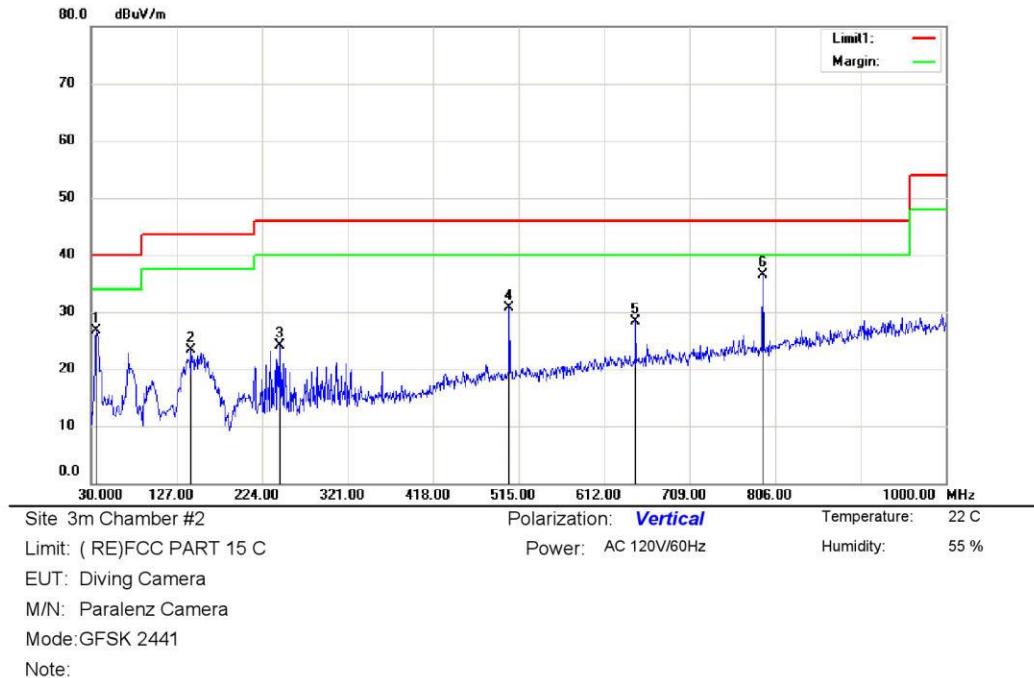

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1747

Date: 2017/07/06



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment | |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | |
| 1 | | 35.8200 | 42.53 | -15.78 | 26.75 | 40.00 | -13.25 | QP | | | |
| 2 | | 143.4900 | 41.56 | -18.31 | 23.25 | 43.50 | -20.25 | QP | | | |
| 3 | | 244.3700 | 37.02 | -12.89 | 24.13 | 46.00 | -21.87 | QP | | | |
| 4 | | 504.3300 | 37.03 | -6.34 | 30.69 | 46.00 | -15.31 | QP | | | |
| 5 | | 647.8900 | 31.40 | -3.15 | 28.25 | 46.00 | -17.75 | QP | | | |
| 6 | * | 792.4200 | 37.37 | -0.85 | 36.52 | 46.00 | -9.48 | QP | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data \#1747

Page: 1

Appendix A
50087609 003



Produkte
Products

Page 7 of 74

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

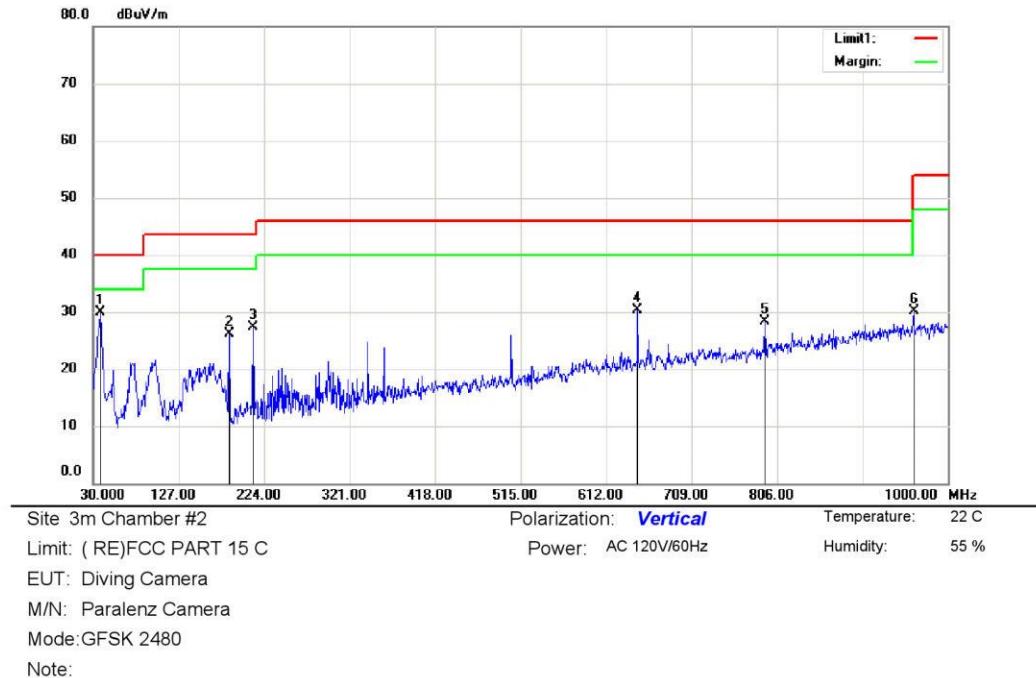
EMTEK
Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1748

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | * | 37.7600 | 44.82 | -14.93 | 29.89 | 40.00 | -10.11 | QP | | |
| 2 | | 184.2300 | 42.19 | -16.00 | 26.19 | 43.50 | -17.31 | QP | | |
| 3 | | 211.3900 | 42.09 | -14.69 | 27.40 | 43.50 | -16.10 | QP | | |
| 4 | | 647.8900 | 33.36 | -3.15 | 30.21 | 46.00 | -15.79 | QP | | |
| 5 | | 792.4200 | 29.13 | -0.85 | 28.28 | 46.00 | -17.72 | QP | | |
| 6 | | 961.2000 | 27.74 | 2.37 | 30.11 | 54.00 | -23.89 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data #: 1748

Page: 1

Appendix A
50087609 003



Produkte
Products

Page 8 of 74

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

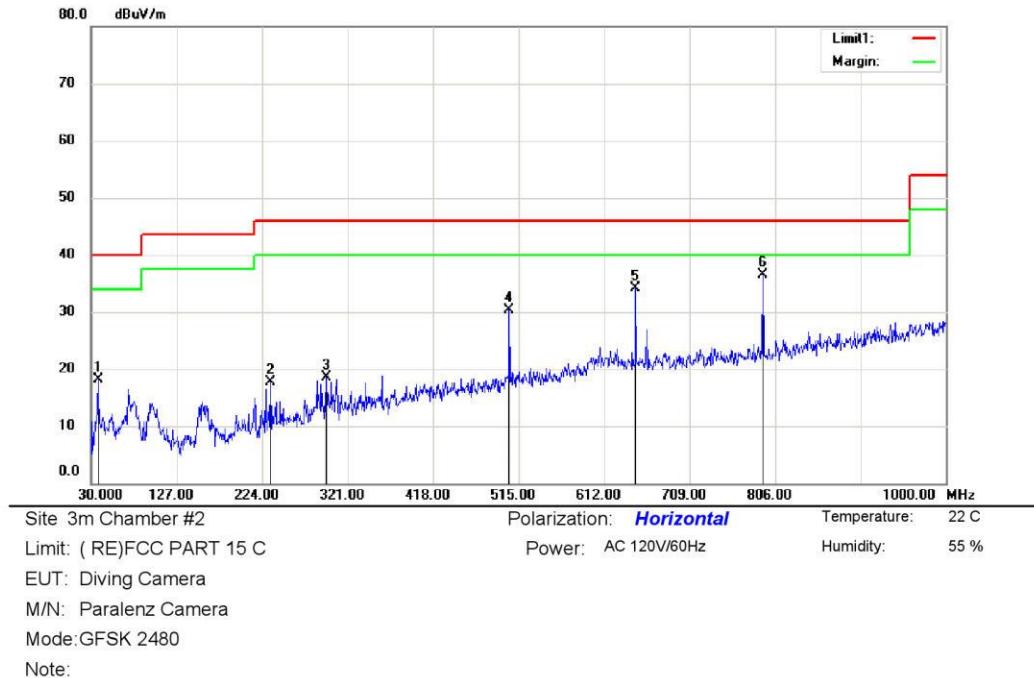
EMTEK
Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1749

Date: 2017/07/06



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 37.7600 | 32.95 | -14.93 | 18.02 | 40.00 | -21.98 | QP | | |
| 2 | | 233.7000 | 30.96 | -13.25 | 17.71 | 46.00 | -28.29 | QP | | |
| 3 | | 296.7500 | 30.08 | -11.52 | 18.56 | 46.00 | -27.44 | QP | | |
| 4 | | 504.3300 | 36.58 | -6.34 | 30.24 | 46.00 | -15.76 | QP | | |
| 5 | | 647.8900 | 37.16 | -3.15 | 34.01 | 46.00 | -11.99 | QP | | |
| 6 | * | 792.4200 | 37.26 | -0.85 | 36.41 | 46.00 | -9.59 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\ Data #: 1749

Page: 1

Appendix A
50087609 003



Produkte
Products

Page 9 of 74

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

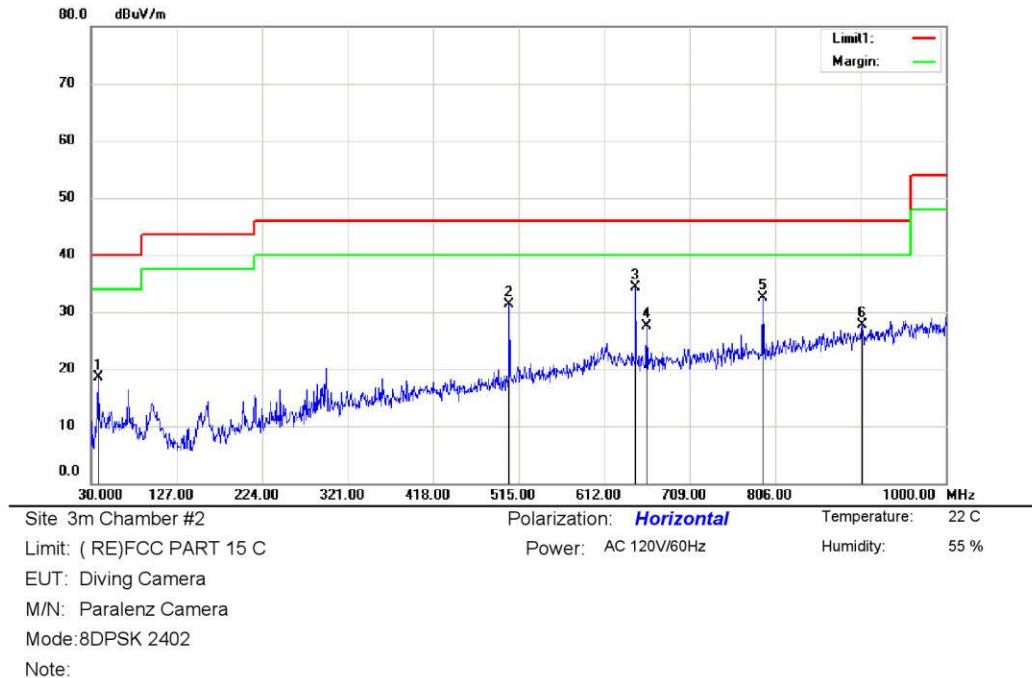
EMTEK
Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1750

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | | 37.7600 | 33.34 | -14.93 | 18.41 | 40.00 | -21.59 | QP | | |
| 2 | | 504.3300 | 37.57 | -6.34 | 31.23 | 46.00 | -14.77 | QP | | |
| 3 * | | 647.8900 | 37.46 | -3.15 | 34.31 | 46.00 | -11.69 | QP | | |
| 4 | | 660.5000 | 30.45 | -2.99 | 27.46 | 46.00 | -18.54 | QP | | |
| 5 | | 792.4200 | 33.40 | -0.85 | 32.55 | 46.00 | -13.45 | QP | | |
| 6 | | 904.9400 | 26.37 | 1.28 | 27.65 | 46.00 | -18.35 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data #: 1750

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

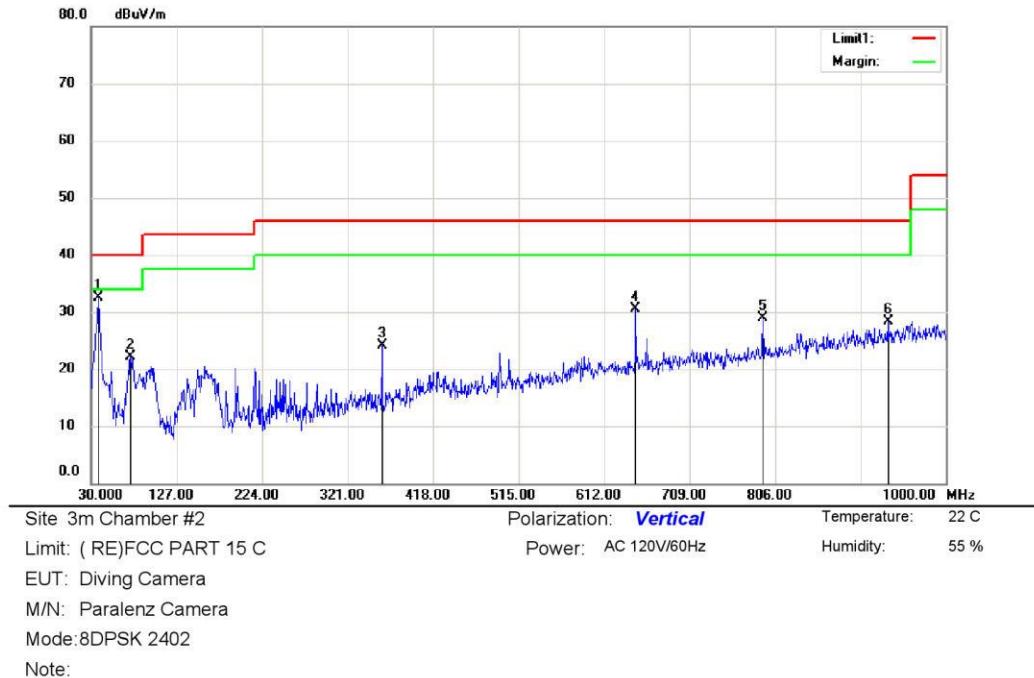

Access to the World

Radiated Emission Measurement

File :TUV 2017

Data #:1751

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Detector | Height cm | Table degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|---------------------|--------------|-----------------|---------|
| 1 | * | 37.7600 | 47.53 | -14.93 | 32.60 | 40.00 | -7.40 | QP | | | |
| 2 | | 74.6200 | 40.96 | -18.91 | 22.05 | 40.00 | -17.95 | QP | | | |
| 3 | | 359.8000 | 33.44 | -9.38 | 24.06 | 46.00 | -21.94 | QP | | | |
| 4 | | 647.8900 | 33.60 | -3.15 | 30.45 | 46.00 | -15.55 | QP | | | |
| 5 | | 792.4200 | 29.66 | -0.85 | 28.81 | 46.00 | -17.19 | QP | | | |
| 6 | | 934.0400 | 26.47 | 1.84 | 28.31 | 46.00 | -17.69 | QP | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data #:1751

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

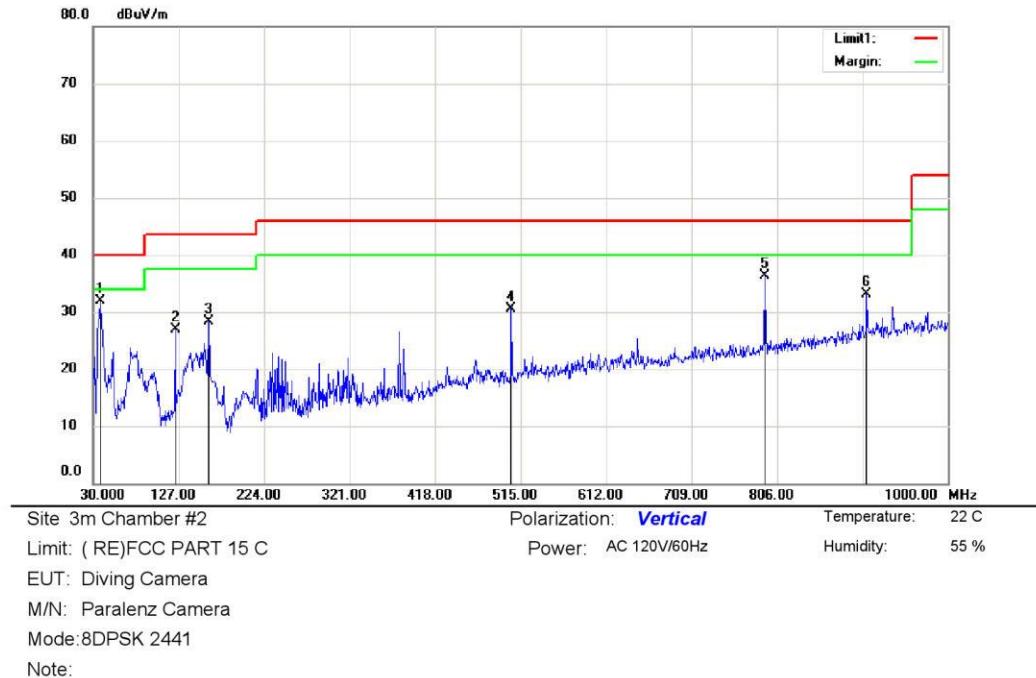

Access to the World

Radiated Emission Measurement

File :TUV 2017

Data #:1752

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|-----------------|---------|
| 1 | * | 37.7600 | 46.78 | -14.93 | 31.85 | 40.00 | -8.15 | QP | | |
| 2 | | 123.1200 | 43.92 | -17.09 | 26.83 | 43.50 | -16.67 | QP | | |
| 3 | | 160.9500 | 45.77 | -17.52 | 28.25 | 43.50 | -15.25 | QP | | |
| 4 | | 504.3300 | 36.89 | -6.34 | 30.55 | 46.00 | -15.45 | QP | | |
| 5 | | 792.4200 | 37.14 | -0.85 | 36.29 | 46.00 | -9.71 | QP | | |
| 6 | | 907.8500 | 31.67 | 1.34 | 33.01 | 46.00 | -12.99 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data #:1752

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

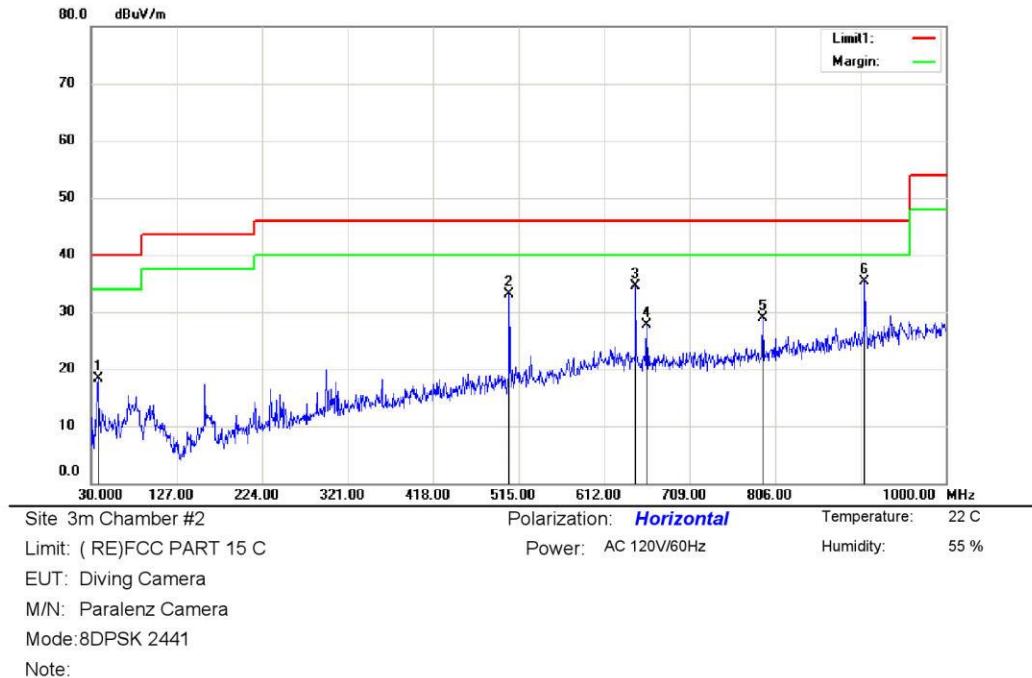

EMTEK Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1753

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|-----------------|---------|
| 1 | | 37.7600 | 33.27 | -14.93 | 18.34 | 40.00 | -21.66 | QP | | |
| 2 | | 504.3300 | 39.42 | -6.34 | 33.08 | 46.00 | -12.92 | QP | | |
| 3 | | 647.8900 | 37.73 | -3.15 | 34.58 | 46.00 | -11.42 | QP | | |
| 4 | | 660.5000 | 30.72 | -2.99 | 27.73 | 46.00 | -18.27 | QP | | |
| 5 | | 792.4200 | 29.82 | -0.85 | 28.97 | 46.00 | -17.03 | QP | | |
| 6 | * | 907.8500 | 33.99 | 1.34 | 35.33 | 46.00 | -10.67 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\ Data #: 1753

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

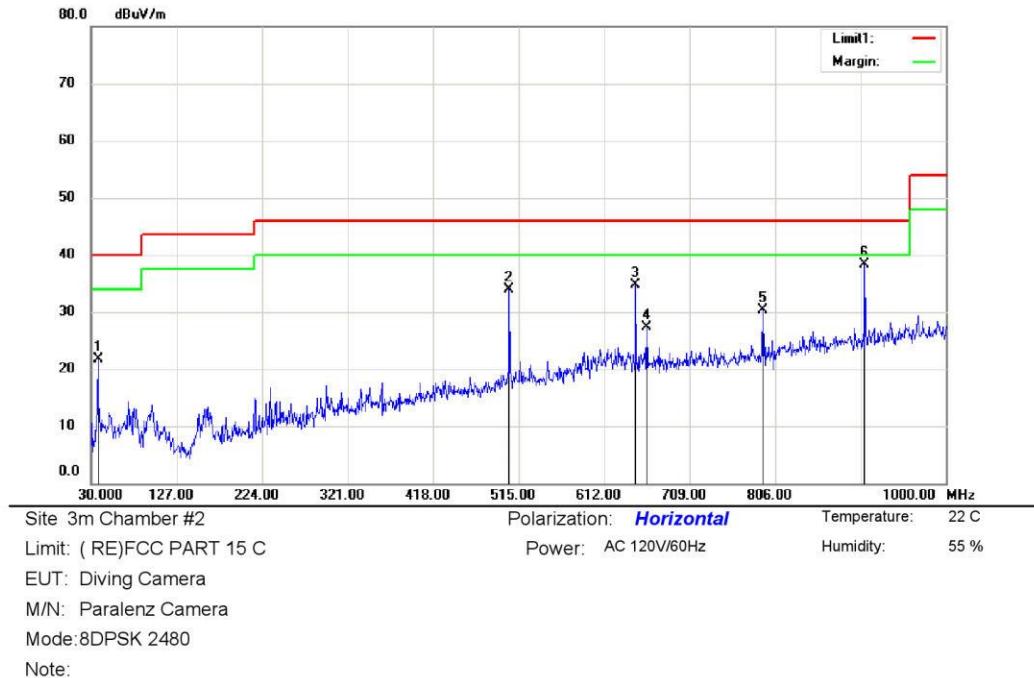

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1754

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|---------------------------|---------|
| 1 | | 37.7600 | 36.63 | -14.93 | 21.70 | 40.00 | -18.30 | QP | | | |
| 2 | | 504.3300 | 40.31 | -6.34 | 33.97 | 46.00 | -12.03 | QP | | | |
| 3 | | 647.8900 | 37.80 | -3.15 | 34.65 | 46.00 | -11.35 | QP | | | |
| 4 | | 660.5000 | 30.22 | -2.99 | 27.23 | 46.00 | -18.77 | QP | | | |
| 5 | | 792.4200 | 31.13 | -0.85 | 30.28 | 46.00 | -15.72 | QP | | | |
| 6 | * | 907.8500 | 36.94 | 1.34 | 38.28 | 46.00 | -7.72 | QP | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data :\#1754

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

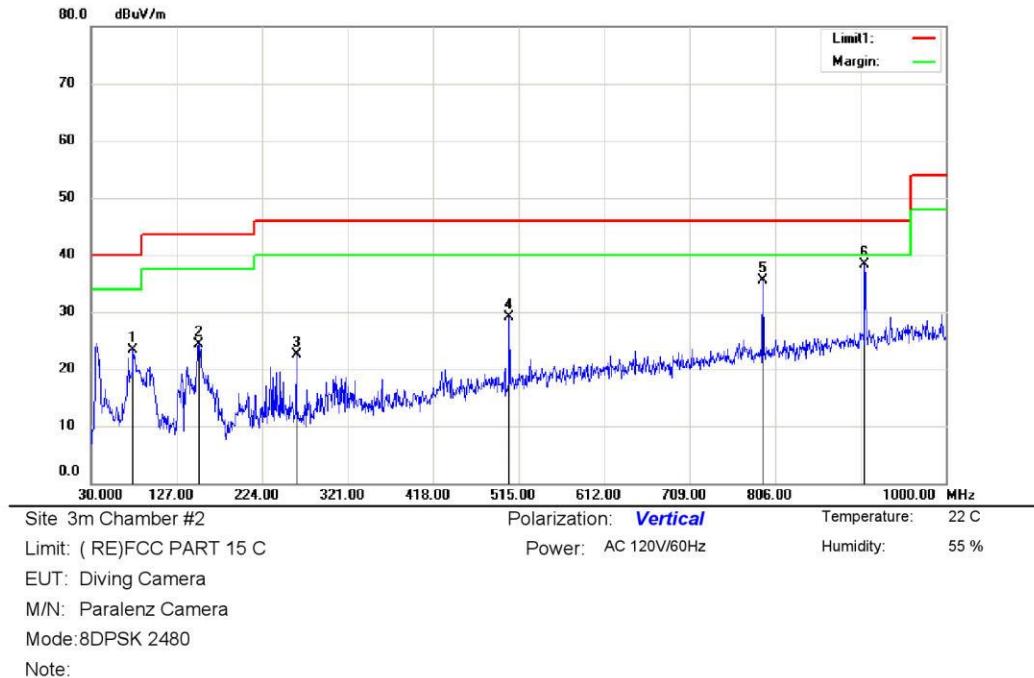

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1755

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | 77.5300 | 42.34 | -19.03 | 23.31 | 40.00 | -16.69 | QP | | | |
| 2 | 152.2200 | 42.39 | -18.16 | 24.23 | 43.50 | -19.27 | QP | | | |
| 3 | 262.8000 | 35.04 | -12.47 | 22.57 | 46.00 | -23.43 | QP | | | |
| 4 | 504.3300 | 35.51 | -6.34 | 29.17 | 46.00 | -16.83 | QP | | | |
| 5 | 792.4200 | 36.30 | -0.85 | 35.45 | 46.00 | -10.55 | QP | | | |
| 6 * | 907.8500 | 37.00 | 1.34 | 38.34 | 46.00 | -7.66 | QP | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

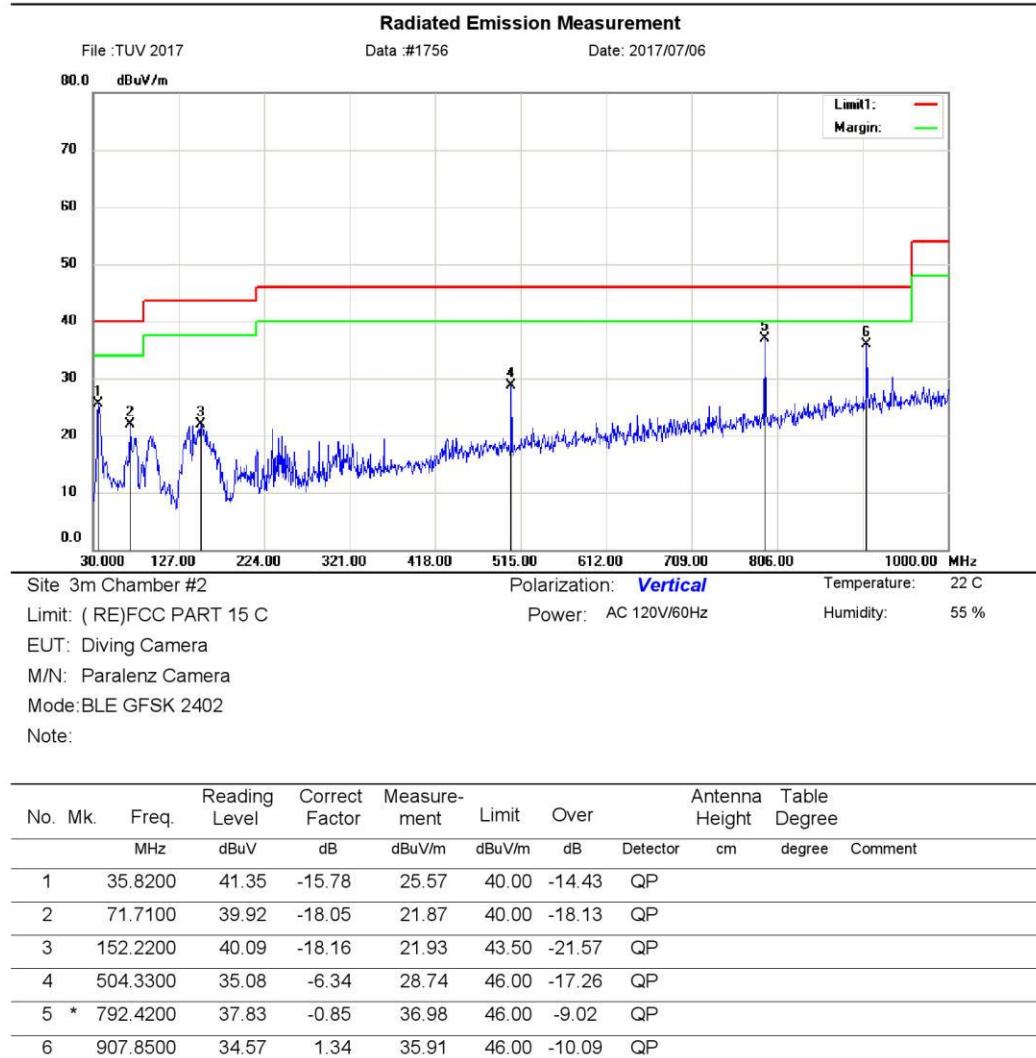
File : TUV 2017\Data #: 1755

Page: 1

1.2 Transmitter Spurious Emissions for Bluetooth BLE, Below 1GHz

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282


Access to the World



*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017 Data #:1756

Page: 1

Appendix A
50087609 003



Produkte
Products

Page 16 of 74

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

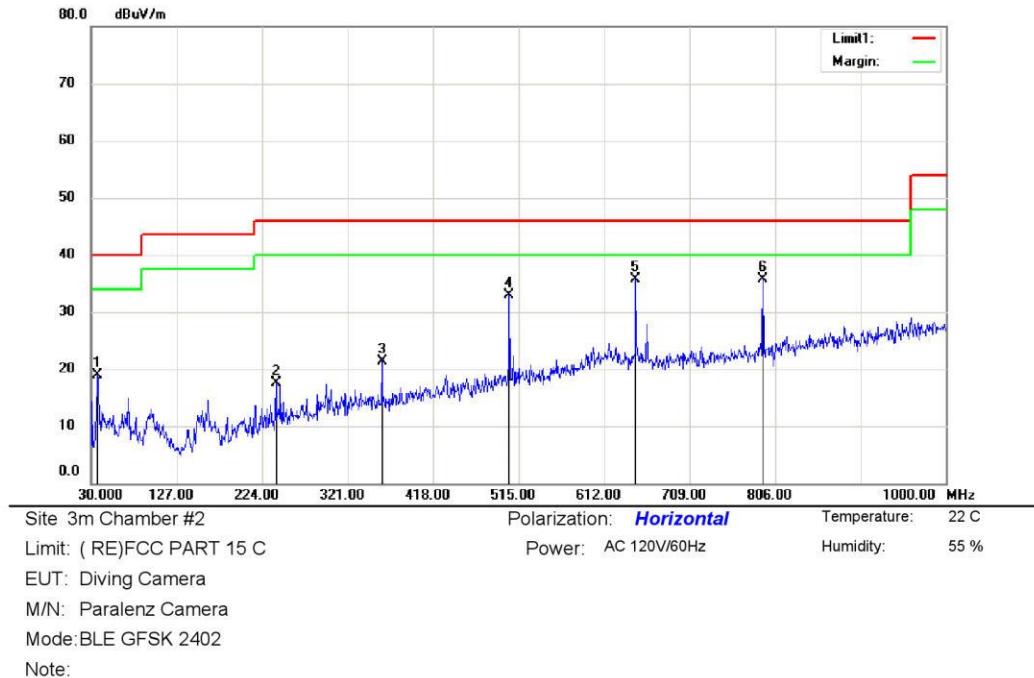
EMTEK
Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1757

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | | 36.7900 | 34.32 | -15.37 | 18.95 | 40.00 | -21.05 | QP | | |
| 2 | | 239.5200 | 30.44 | -12.98 | 17.46 | 46.00 | -28.54 | QP | | |
| 3 | | 359.8000 | 30.65 | -9.38 | 21.27 | 46.00 | -24.73 | QP | | |
| 4 | | 504.3300 | 39.23 | -6.34 | 32.89 | 46.00 | -13.11 | QP | | |
| 5 * | | 647.8900 | 38.91 | -3.15 | 35.76 | 46.00 | -10.24 | QP | | |
| 6 | | 792.4200 | 36.58 | -0.85 | 35.73 | 46.00 | -10.27 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data #: 1757

Page: 1

Appendix A
50087609 003



Produkte
Products

Page 17 of 74

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

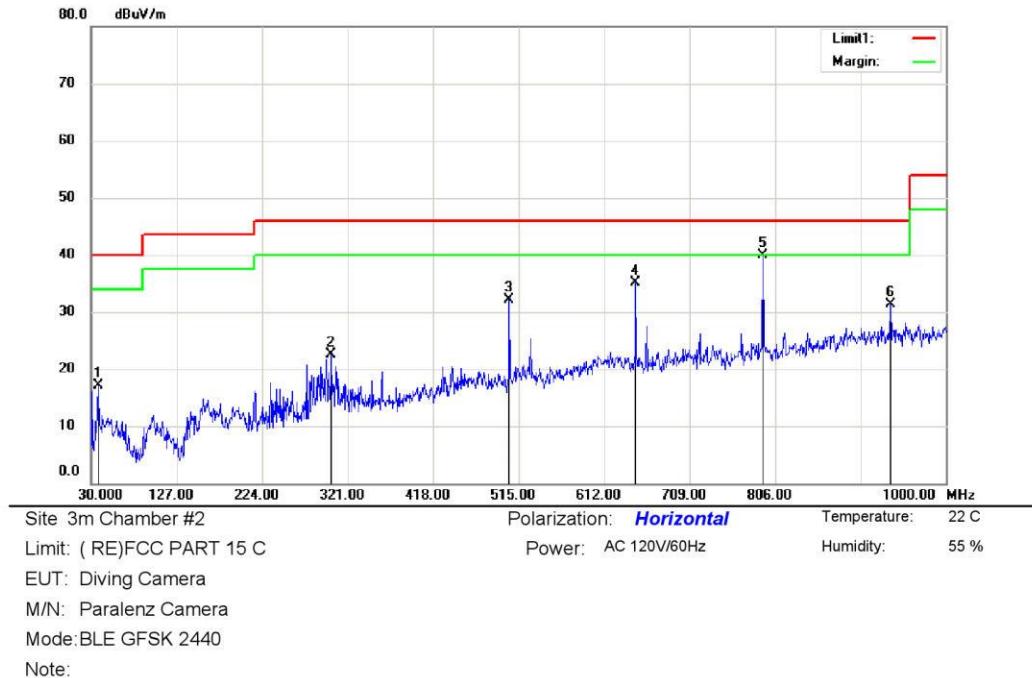
EMTEK
Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1758

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | | 37.7600 | 32.01 | -14.93 | 17.08 | 40.00 | -22.92 | QP | | |
| 2 | | 302.5700 | 33.85 | -11.37 | 22.48 | 46.00 | -23.52 | QP | | |
| 3 | | 504.3300 | 38.48 | -6.34 | 32.14 | 46.00 | -13.86 | QP | | |
| 4 | | 647.8900 | 38.29 | -3.15 | 35.14 | 46.00 | -10.86 | QP | | |
| 5 * | | 792.4200 | 40.75 | -0.85 | 39.90 | 46.00 | -6.10 | QP | | |
| 6 | | 936.9500 | 29.48 | 1.89 | 31.37 | 46.00 | -14.63 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\ Data #: 1758

Page: 1

Appendix A
50087609 003



Produkte
Products

Page 18 of 74

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

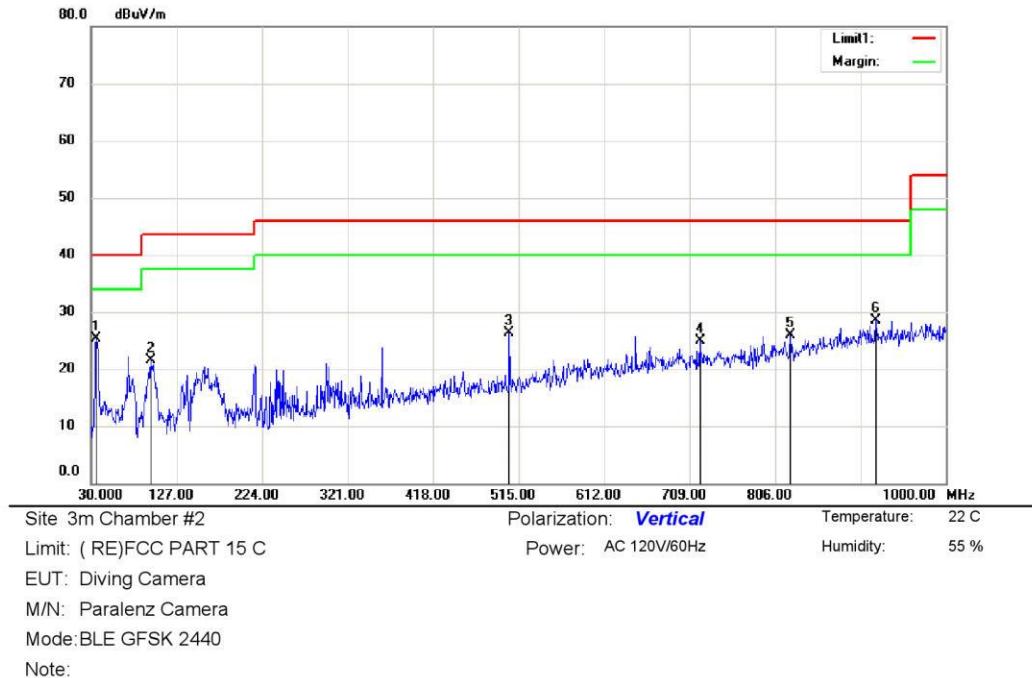
EMTEK
Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1759

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | * | 35.8200 | 41.03 | -15.78 | 25.25 | 40.00 | -14.75 | QP | | |
| 2 | | 97.9000 | 37.03 | -15.44 | 21.59 | 43.50 | -21.91 | QP | | |
| 3 | | 504.3300 | 32.62 | -6.34 | 26.28 | 46.00 | -19.72 | QP | | |
| 4 | | 720.6400 | 26.92 | -2.01 | 24.91 | 46.00 | -21.09 | QP | | |
| 5 | | 823.4600 | 26.13 | -0.29 | 25.84 | 46.00 | -20.16 | QP | | |
| 6 | | 920.4600 | 27.02 | 1.58 | 28.60 | 46.00 | -17.40 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data #: 1759

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

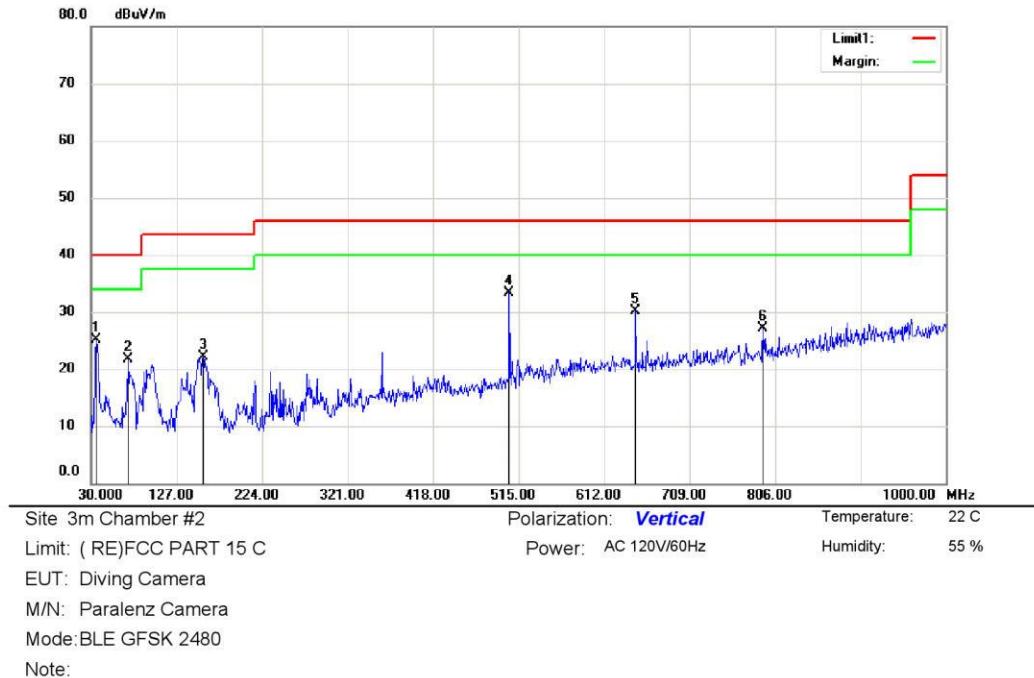

Access to the World

Radiated Emission Measurement

File :TUV 2017

Data #:1760

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | | 35.8200 | 40.83 | -15.78 | 25.05 | 40.00 | -14.95 | QP | | |
| 2 | | 71.7100 | 39.80 | -18.05 | 21.75 | 40.00 | -18.25 | QP | | |
| 3 | | 157.0700 | 39.89 | -17.79 | 22.10 | 43.50 | -21.40 | QP | | |
| 4 * | | 504.3300 | 39.60 | -6.34 | 33.26 | 46.00 | -12.74 | QP | | |
| 5 | | 647.8900 | 33.20 | -3.15 | 30.05 | 46.00 | -15.95 | QP | | |
| 6 | | 792.4200 | 28.02 | -0.85 | 27.17 | 46.00 | -18.83 | QP | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data #:1760

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

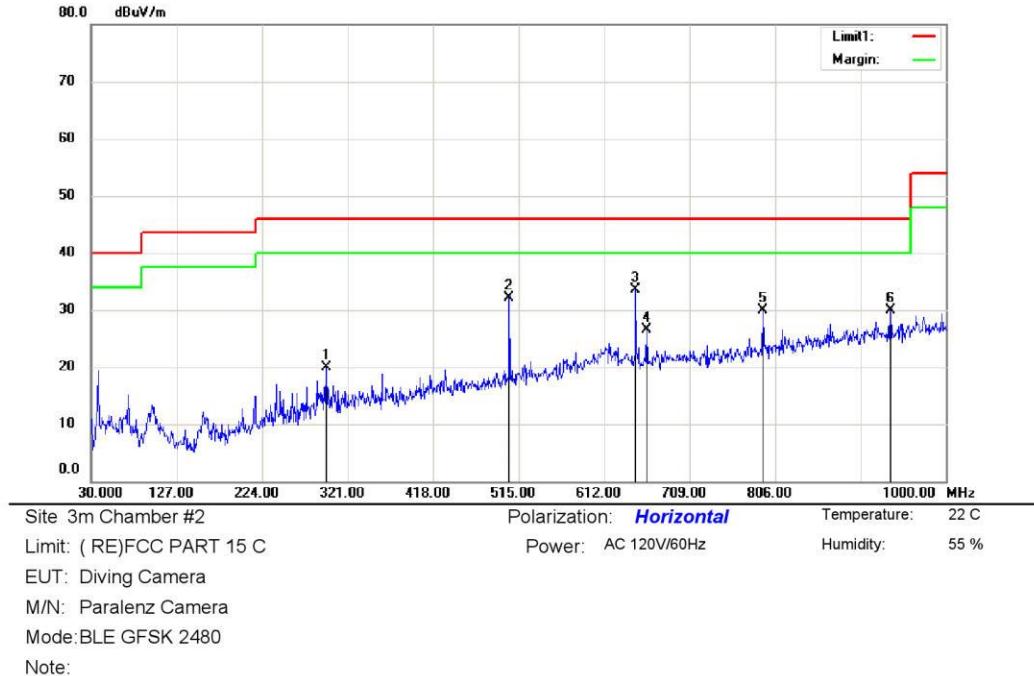

Access to the World

Radiated Emission Measurement

File :TUV 2017

Data #:1761

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | 296.7500 | 31.41 | -11.52 | 19.89 | 46.00 | -26.11 | QP | | | |
| 2 | 504.3300 | 38.47 | -6.34 | 32.13 | 46.00 | -13.87 | QP | | | |
| 3 * | 647.8900 | 36.63 | -3.15 | 33.48 | 46.00 | -12.52 | QP | | | |
| 4 | 660.5000 | 29.47 | -2.99 | 26.48 | 46.00 | -19.52 | QP | | | |
| 5 | 792.4200 | 30.72 | -0.85 | 29.87 | 46.00 | -16.13 | QP | | | |
| 6 | 936.9500 | 28.02 | 1.89 | 29.91 | 46.00 | -16.09 | QP | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data #:1761

Page: 1

1.3 Transmitter Spurious Emissions for Bluetooth Classic, 1GHz-18GHz

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

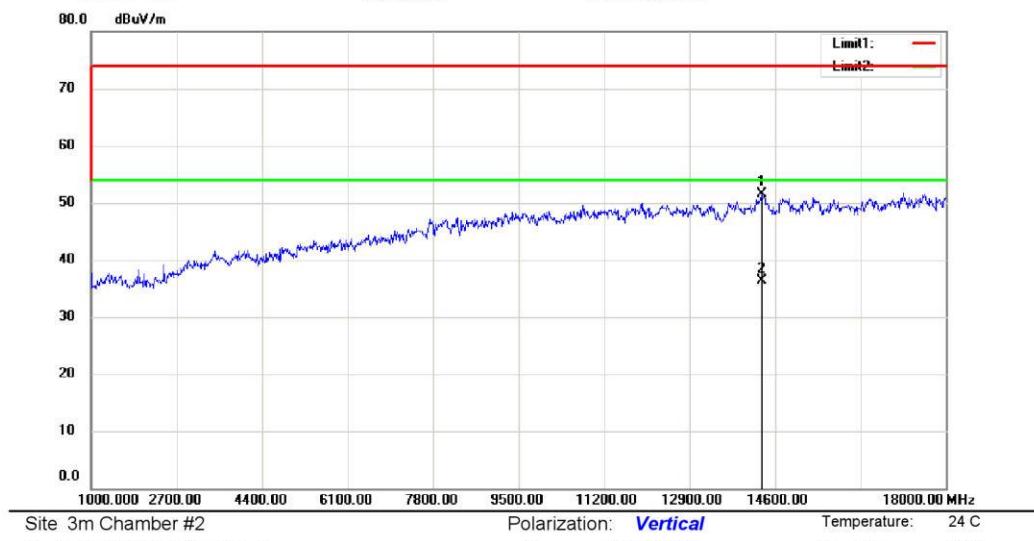


Radiated Emission Measurement

File :TUV 2017

Data :#1928

Date: 2017/07/06



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Diving Camera

M/N: Paralenz Camera

Mode: GFSK 2402

Note:

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment | |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | |
| 1 | | 14328.00 | 59.81 | -8.40 | 51.41 | 74.00 | -22.59 | peak | | | |
| 2 | * | 14328.00 | 44.70 | -8.40 | 36.30 | 54.00 | -17.70 | AVG | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017 Data :#1928

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

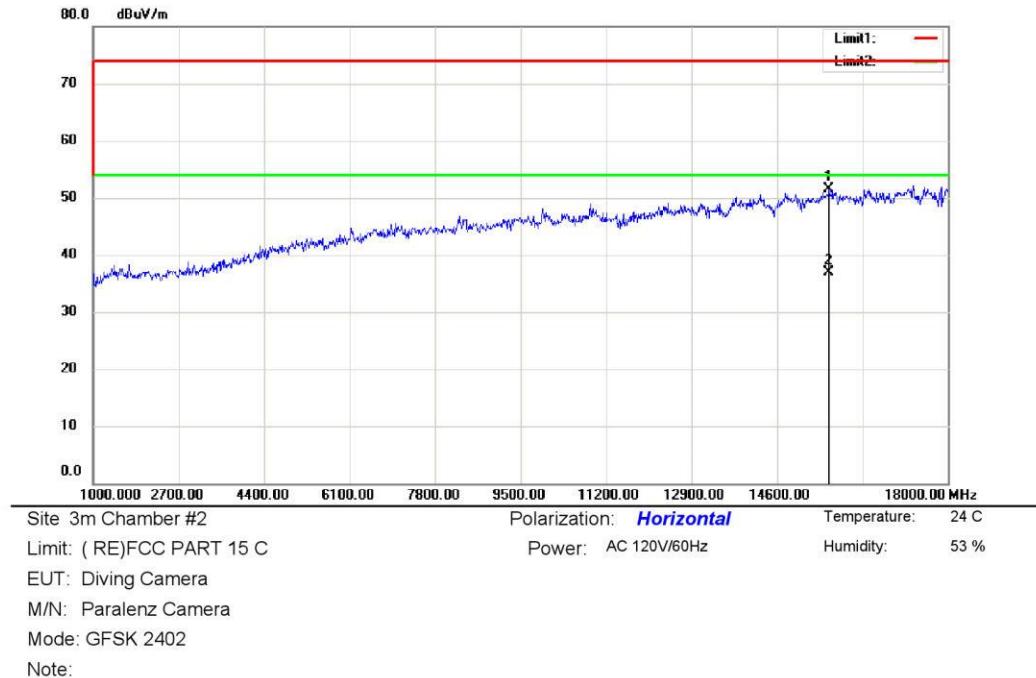

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1929

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Detector | Height cm | Table degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|---------------------|--------------|-----------------|---------|
| 1 | | 15637.00 | 63.04 | -11.60 | 51.44 | 74.00 | -22.56 | peak | | | |
| 2 * | | 15637.00 | 48.50 | -11.60 | 36.90 | 54.00 | -17.10 | AVG | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\ Data #: 1929

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

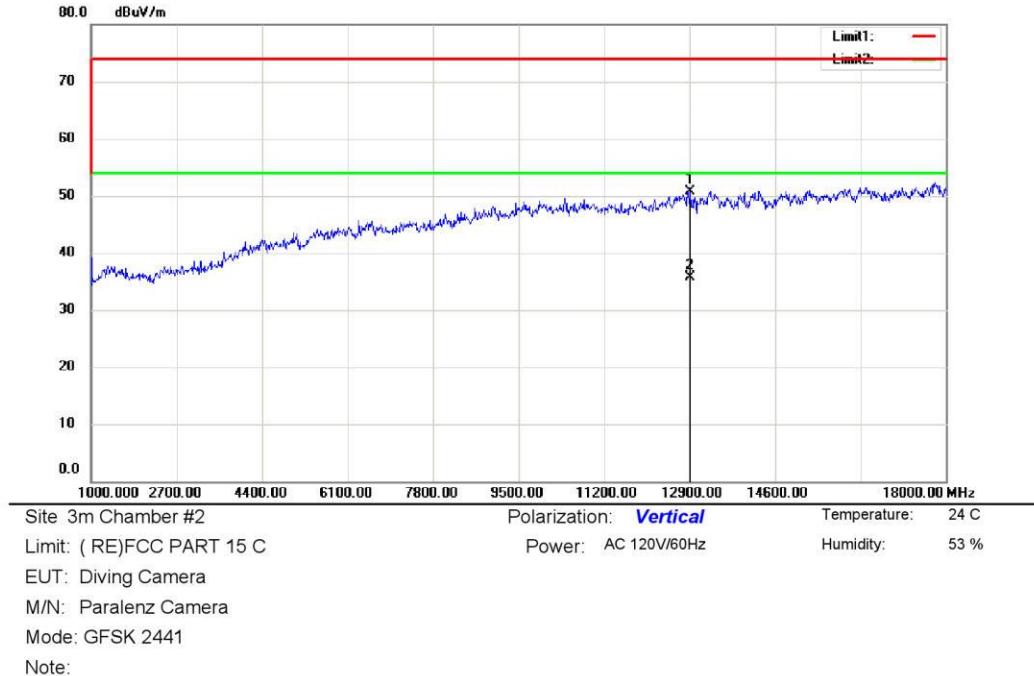

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1930

Date: 2017/07/06



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|------------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 12917.00 | 63.54 | -12.78 | 50.76 | 74.00 | -23.24 | peak | | |
| 2 | * | 12917.00 | 48.58 | -12.78 | 35.80 | 54.00 | -18.20 | AVG | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\ Data #: 1930

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

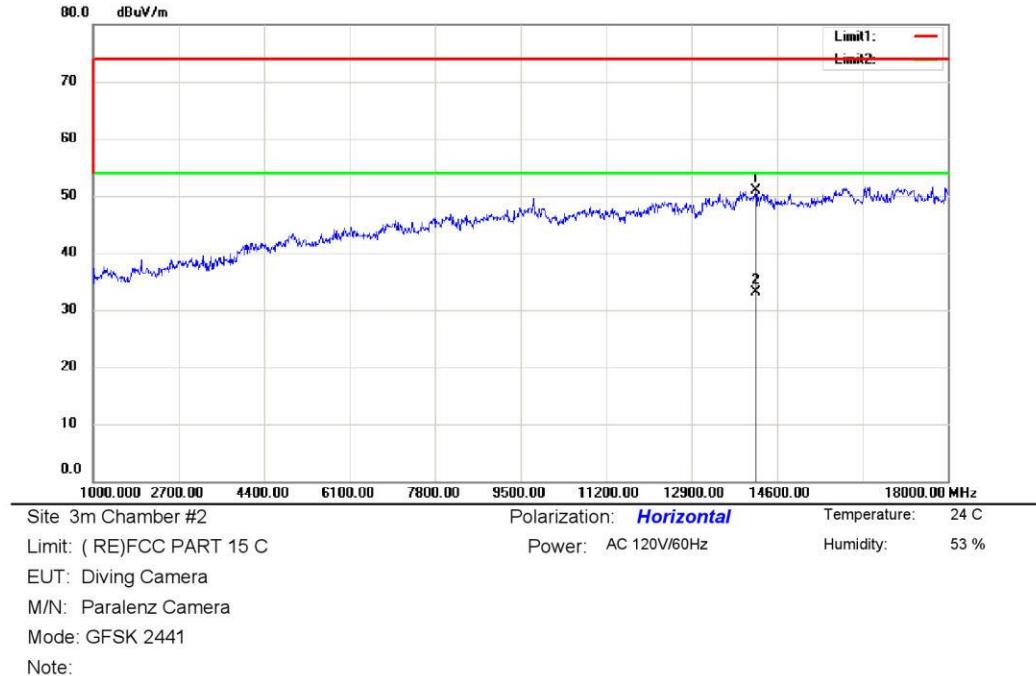

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1931

Date: 2017/07/06



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment | |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | |
| 1 | | 14175.00 | 59.10 | -8.13 | 50.97 | 74.00 | -23.03 | peak | | | |
| 2 | * | 14175.00 | 41.33 | -8.13 | 33.20 | 54.00 | -20.80 | AVG | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data \#1931

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

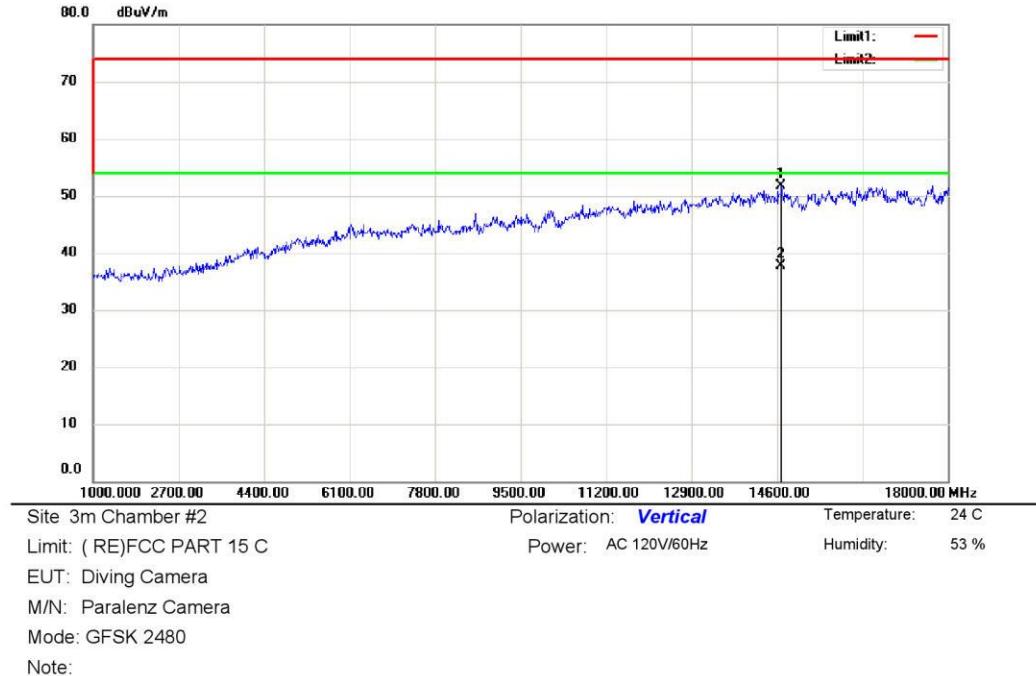

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1932

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Detector | Height cm | Table degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|---------------------|--------------|-----------------|---------|
| 1 | | 14685.00 | 60.74 | -9.03 | 51.71 | 74.00 | -22.29 | peak | | | |
| 2 * | | 14685.00 | 46.83 | -9.03 | 37.80 | 54.00 | -16.20 | AVG | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data \#1932

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

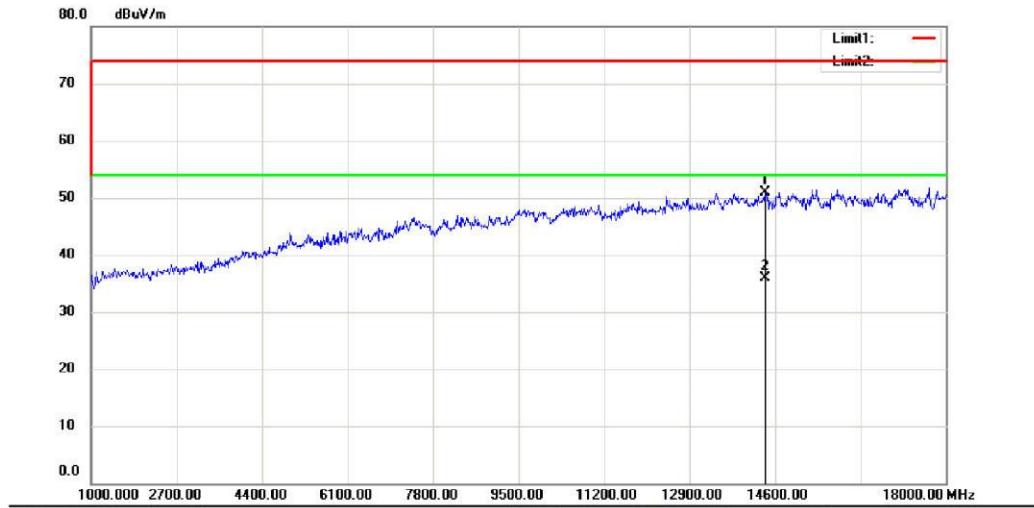

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1933

Date: 2017/07/06



Site: 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Diving Camera

M/N: Paralenz Camera

Mode: GFSK 2480

Note:

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment | |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | |
| 1 | | 14396.00 | 59.41 | -8.52 | 50.89 | 74.00 | -23.11 | peak | | | |
| 2 | * | 14396.00 | 44.42 | -8.52 | 35.90 | 54.00 | -18.10 | AVG | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data \#1933

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

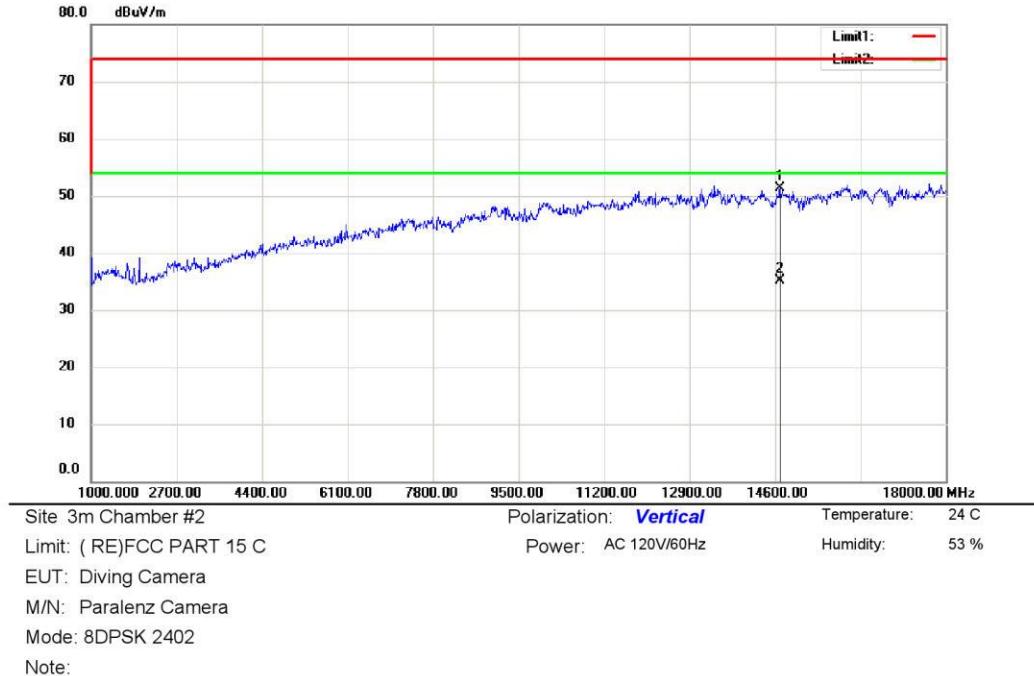

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1934

Date: 2017/07/06



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 14702.00 | 60.28 | -9.06 | 51.22 | 74.00 | -22.78 | peak | | |
| 2 * | | 14702.00 | 44.26 | -9.06 | 35.20 | 54.00 | -18.80 | AVG | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data #: 1934

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

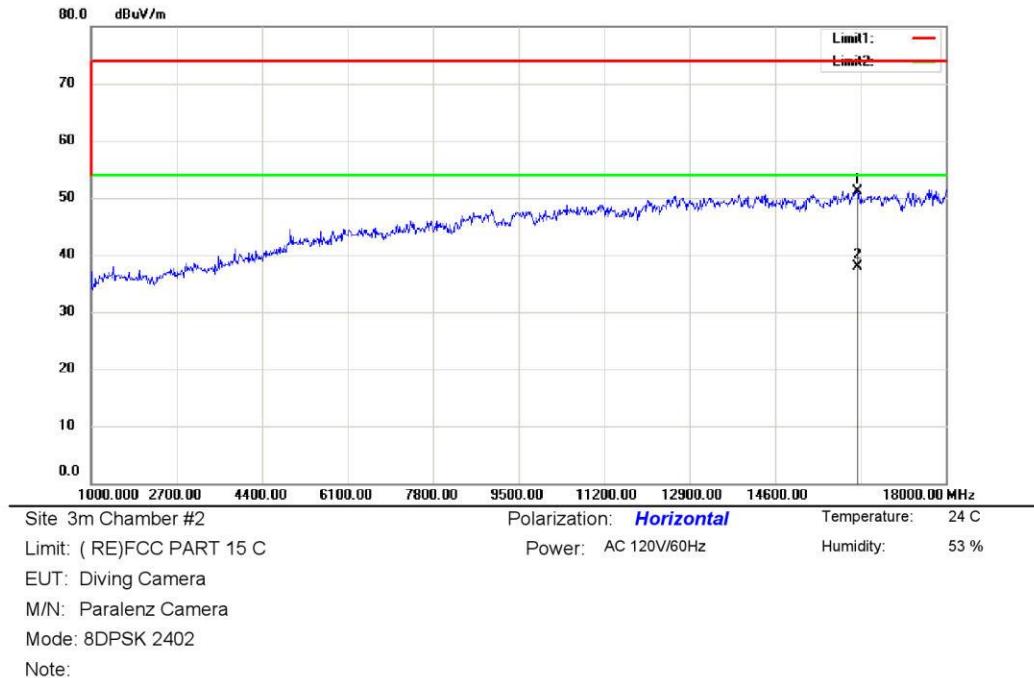

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1935

Date: 2017/07/06



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 16249.00 | 63.04 | -11.88 | 51.16 | 74.00 | -22.84 | peak | | |
| 2 * | | 16249.00 | 49.78 | -11.88 | 37.90 | 54.00 | -16.10 | AVG | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data #: 1935

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

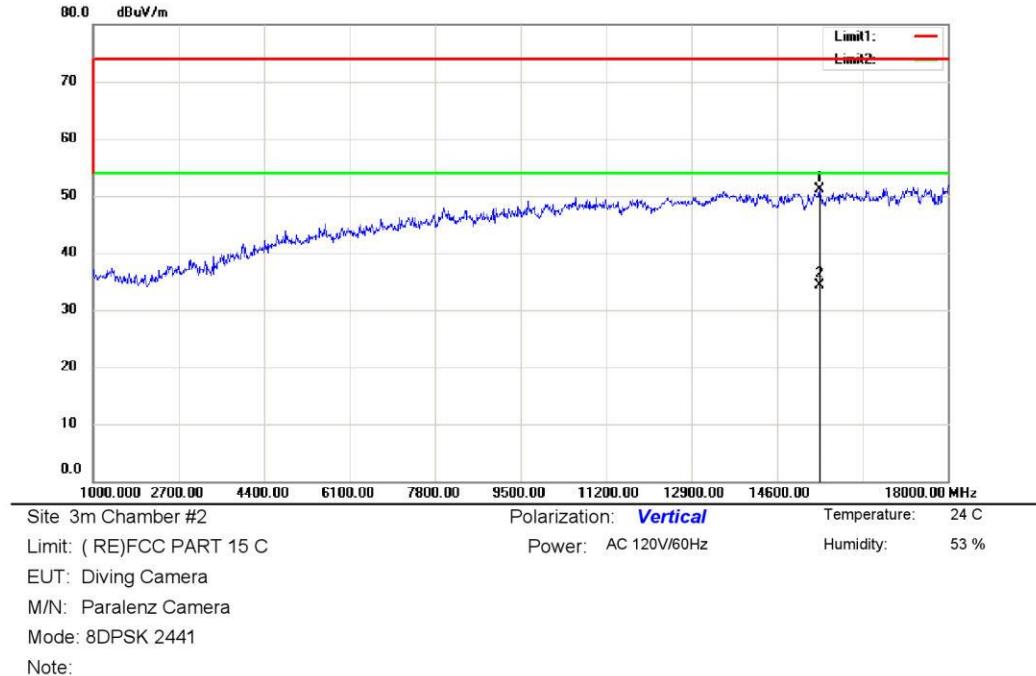

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1936

Date: 2017/07/06



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 15450.00 | 62.09 | -11.02 | 51.07 | 74.00 | -22.93 | peak | | |
| 2 | * | 15450.00 | 45.42 | -11.02 | 34.40 | 54.00 | -19.60 | AVG | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data \#1936

Page: 1

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

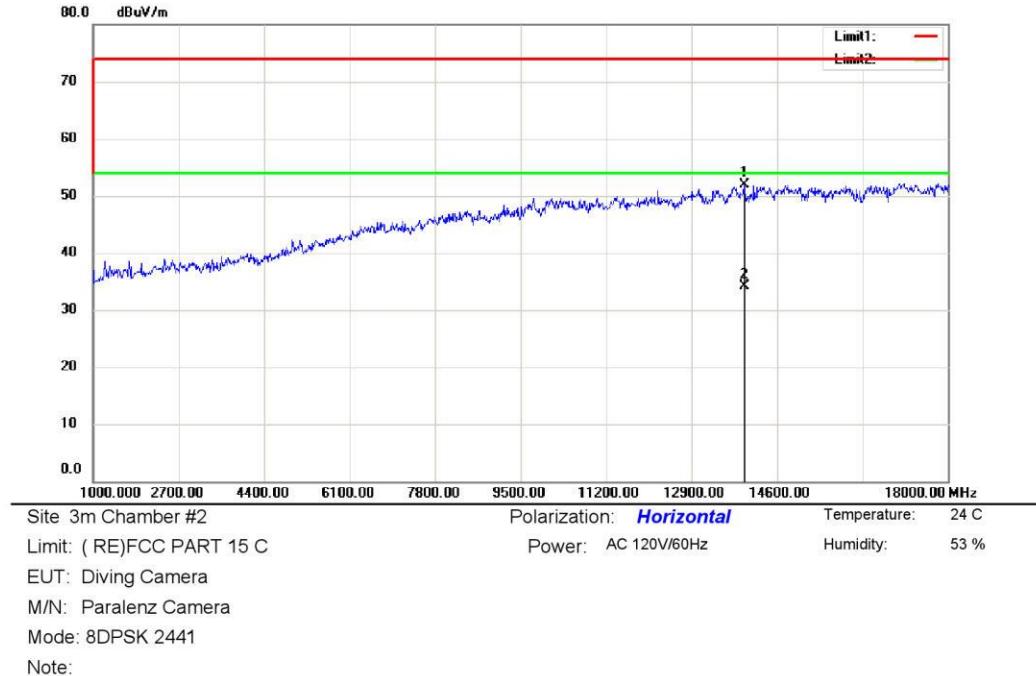

Access to the World

Radiated Emission Measurement

File : TUV 2017

Data #: 1937

Date: 2017/07/06



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|---------------------------|---------|
| 1 | | 13954.00 | 60.01 | -8.05 | 51.96 | 74.00 | -22.04 | peak | | | |
| 2 * | | 13954.00 | 42.15 | -8.05 | 34.10 | 54.00 | -19.90 | AVG | | | |

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2017\Data \#1937

Page: 1