

Produkte*Products***50062633 002**

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BTL Inc.
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 No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.
 Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com


Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5240
 Note: Swann Wireless HD Smart Security Camera

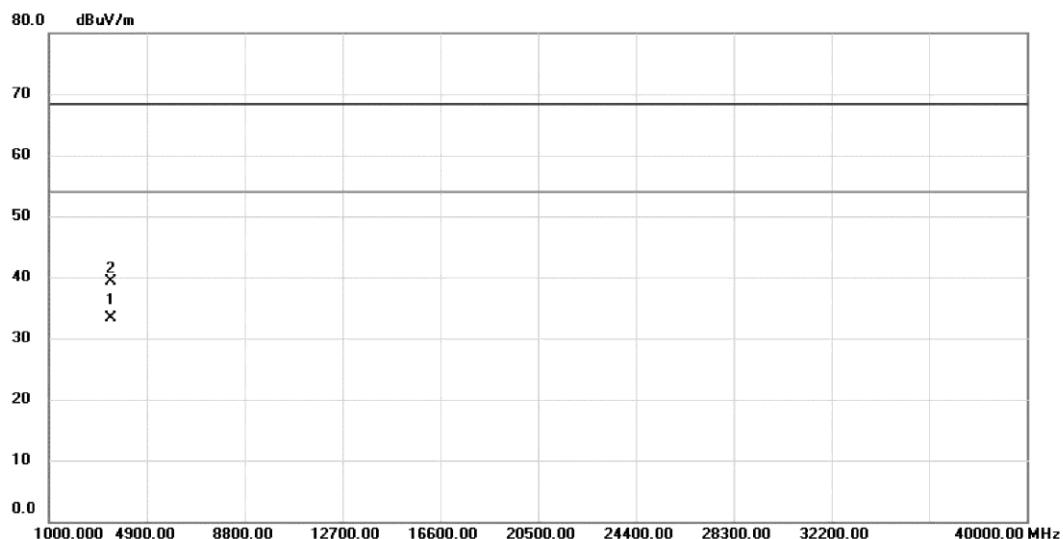
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#28

Date: 2016-11-25

Time: 10:30:49



| No. | Mk. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 * | 3493.313 | 31.90 | 1.32 | 33.22 | 54.00 | -20.78 | AVG |
| 2 | 3493.350 | 37.96 | 1.32 | 39.28 | 68.30 | -29.02 | peak |

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

<Reference Only>

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 Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
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Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5745
 Note: Swann Wireless HD Smart Security Camera

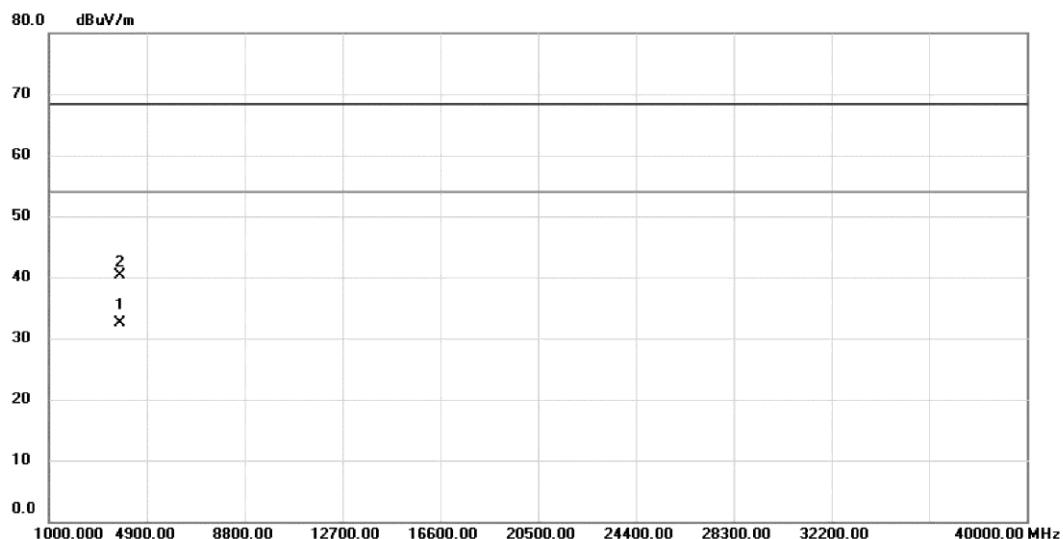
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#41

Date: 2016-11-25

Time: 11:50:28



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | * | 3829.970 | 30.20 | 2.39 | 32.59 | 54.00 | -21.41 | AVG |
| 2 | | 3830.278 | 37.98 | 2.39 | 40.37 | 68.30 | -27.93 | peak |

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

<Reference Only>

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 Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com


Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5745
 Note: Swann Wireless HD Smart Security Camera

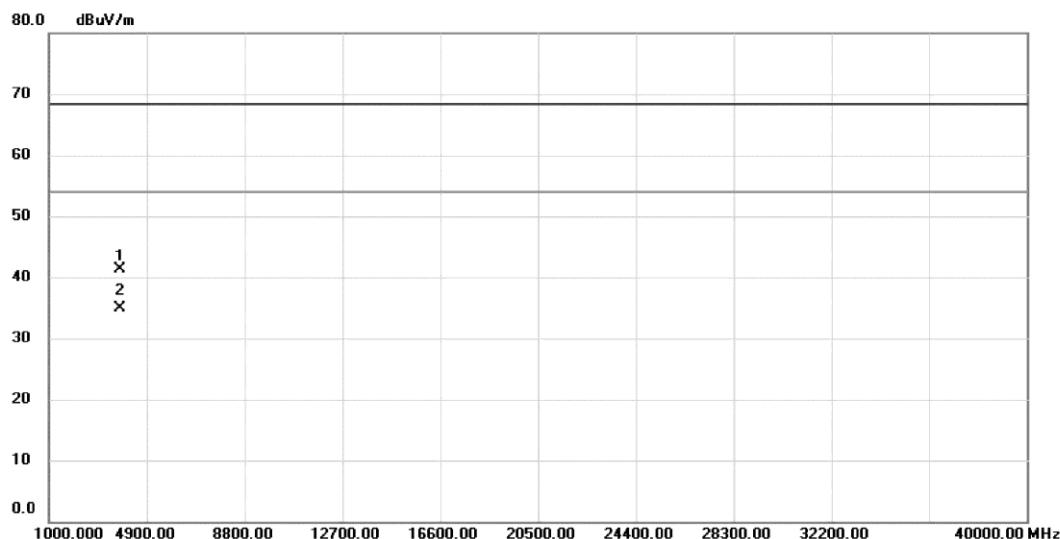
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#42

Date: 2016-11-25

Time: 11:48:43



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 3829.903 | 38.97 | 2.39 | 41.36 | 68.30 | -26.94 | peak |
| 2 * | | 3829.972 | 32.52 | 2.39 | 34.91 | 54.00 | -19.09 | AVG |

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

<Reference Only>

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www.newbtl.com


Site: DG-CB03

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: SEE NOTE

Distance: 3m

M/N: SWWHD-INTCAM

Mode: TX_N20_5785

Note: Swann Wireless HD Smart Security Camera

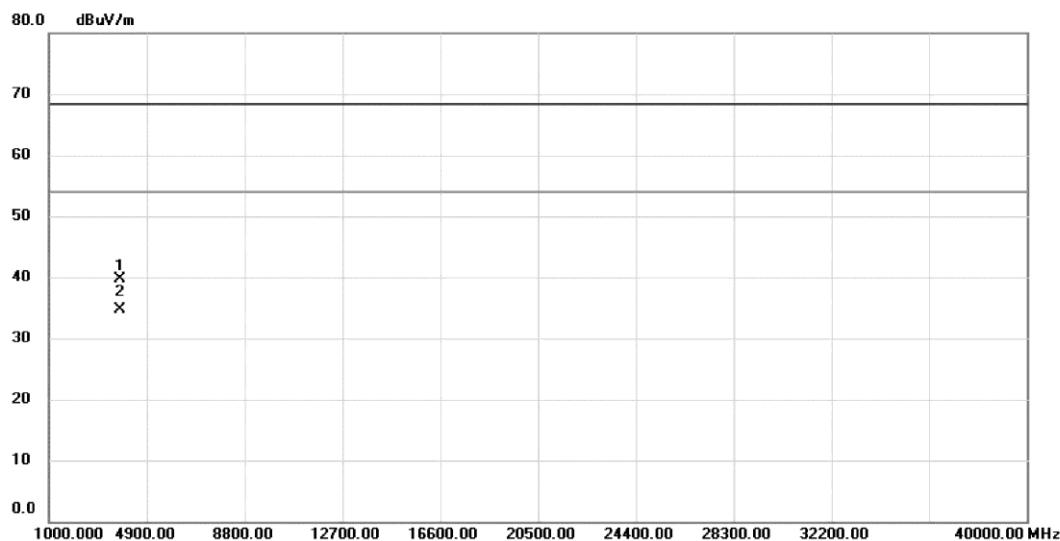
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#43

Date: 2016-11-25

Time: 11:54:27



| No. | Mk. | Freq. MHz | Reading Level dB _u V | Correct Factor dB | Measure- ment dB _u V/m | Limit dB | Margin Detector | Comment |
|-----|-----|--------------|---------------------------------------|-------------------------|---|-------------|--------------------|---------|
| 1 | | 3856.527 | 37.22 | 2.48 | 39.70 | 68.30 | -28.60 | peak |
| 2 * | | 3856.645 | 32.27 | 2.48 | 34.75 | 54.00 | -19.25 | AVG |

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

<Reference Only>



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Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5785
 Note: Swann Wireless HD Smart Security Camera

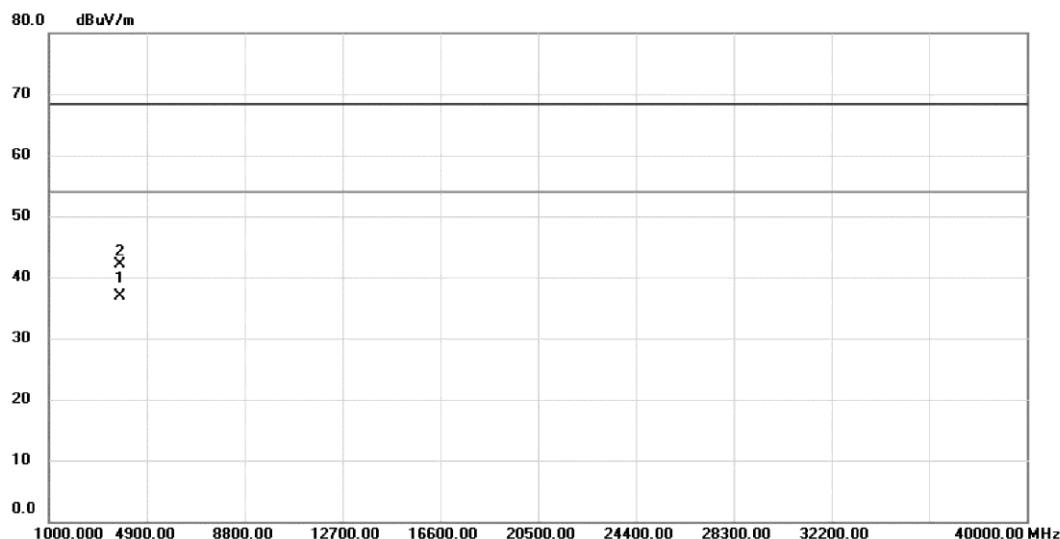
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#44

Date: 2016-11-25

Time: 11:52:40



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | * | 3856.631 | 34.47 | 2.48 | 36.95 | 54.00 | -17.05 | AVG |
| 2 | | 3856.653 | 39.56 | 2.48 | 42.04 | 68.30 | -26.26 | peak |

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

<Reference Only>

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Neutron Engineering Inc.

No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.

Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N20_5825
 Note:

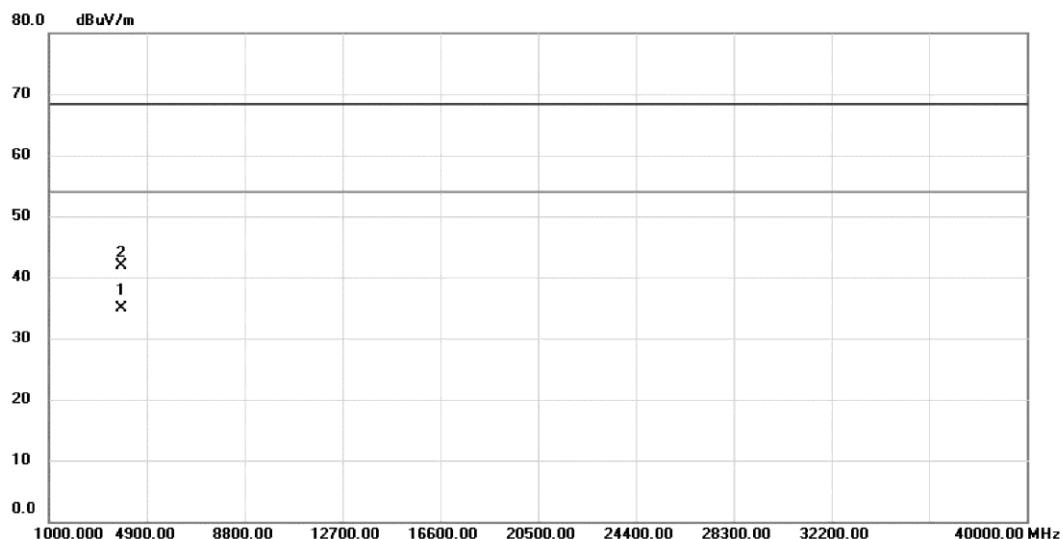
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#47

Date: 2016-11-25

Time: 11:58:25



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|--------|----------|---------|
| 1 | * | 3883.310 | 32.37 | 2.57 | 34.94 | 54.00 | -19.06 | AVG | |
| 2 | | 3883.357 | 39.27 | 2.57 | 41.84 | 68.30 | -26.46 | peak | |

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

<Reference Only>

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No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.

Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N20_5825
 Note:

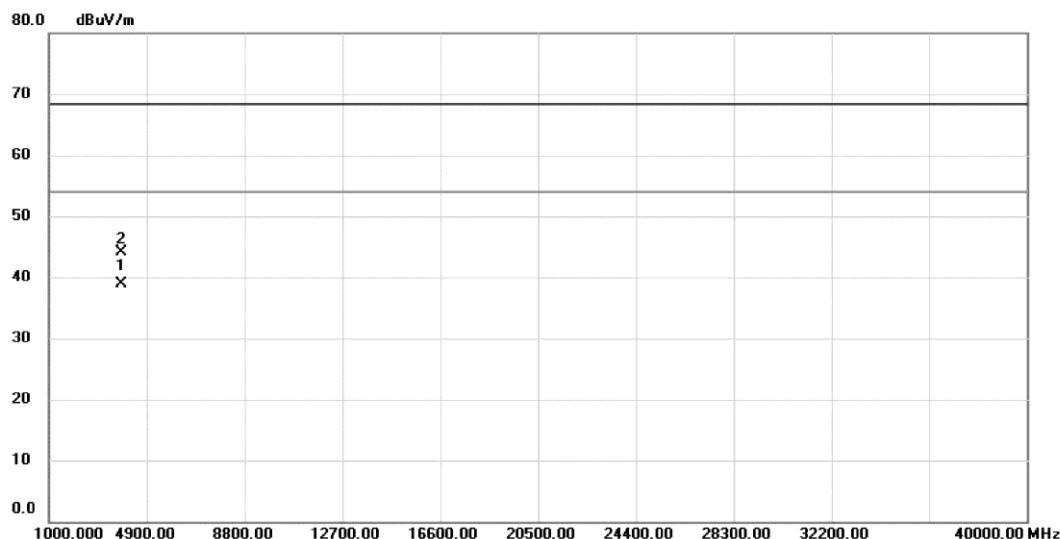
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#48

Date: 2016-11-25

Time: 11:56:22



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|--------|----------|---------|
| 1 | * | 3883.305 | 36.40 | 2.57 | 38.97 | 54.00 | -15.03 | AVG | |
| 2 | | 3883.345 | 41.49 | 2.57 | 44.06 | 68.30 | -24.24 | peak | |

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

<Reference Only>

802.11n HT40

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Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.comSite: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %

EUT: SEE NOTE Distance: 3m

M/N: SWWHD-INTCAM Mode: TX_N40_5190

Note: Swann Wireless HD Smart Security Camera

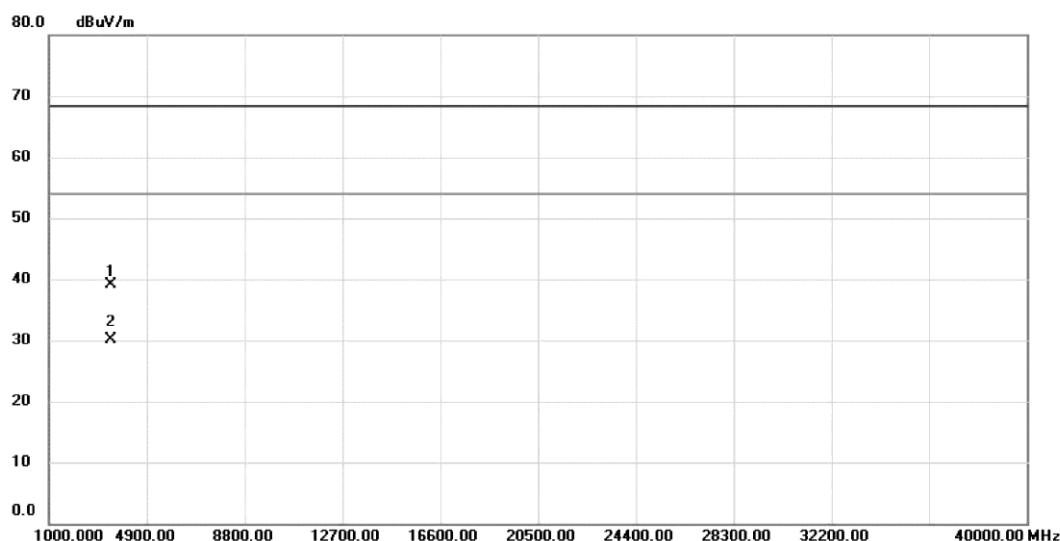
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#45

Date: 2016-11-25

Time: 10:46:56



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 3459.769 | 37.78 | 1.33 | 39.11 | 68.30 | -29.19 | peak |
| 2 * | | 3459.959 | 28.85 | 1.33 | 30.18 | 54.00 | -23.82 | AVG |

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

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Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5190
 Note: Swann Wireless HD Smart Security Camera

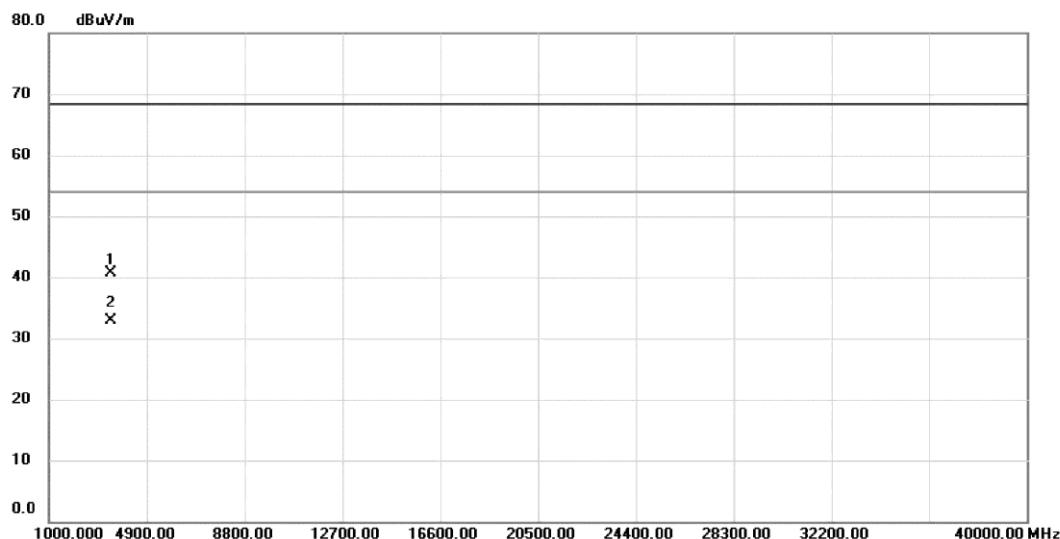
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#46

Date: 2016-11-25

Time: 10:44:43



| No. | Mk. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | 3459.891 | 39.32 | 1.33 | 40.65 | 68.30 | -27.65 | peak |
| 2 * | 3459.916 | 31.66 | 1.33 | 32.99 | 54.00 | -21.01 | AVG |

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

<Reference Only>

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 Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com


Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5230
 Note: Swann Wireless HD Smart Security Camera

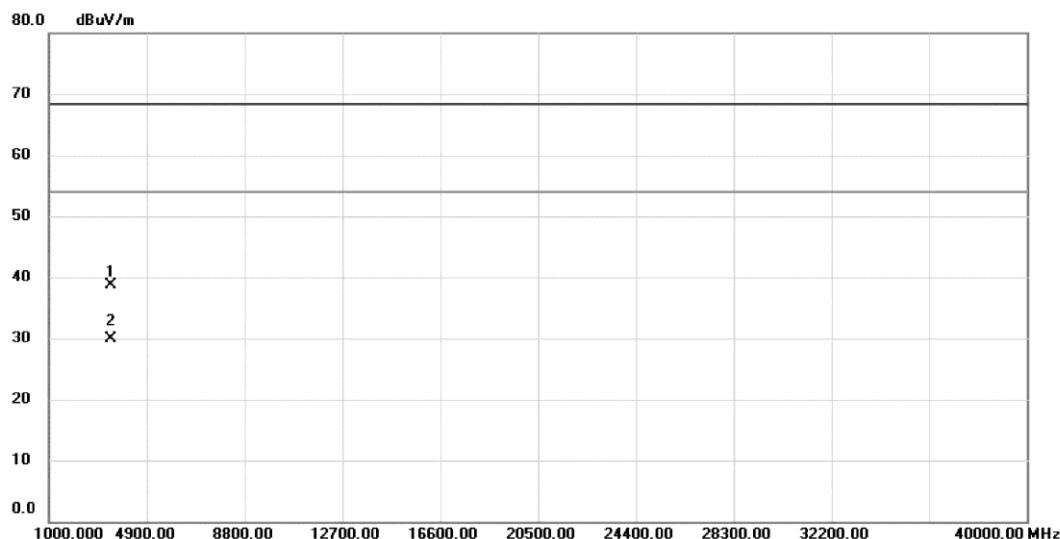
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#47

Date: 2016-11-25

Time: 10:48:04



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 3486.508 | 37.41 | 1.32 | 38.73 | 68.30 | -29.57 | peak |
| 2 * | | 3486.606 | 28.64 | 1.32 | 29.96 | 54.00 | -24.04 | AVG |

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

<Reference Only>



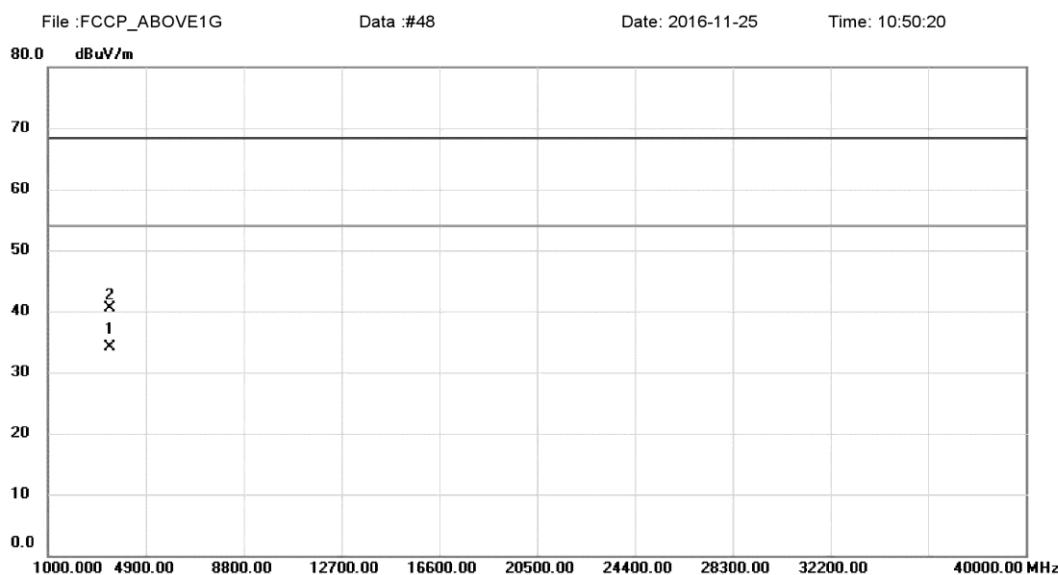
BTL Inc.
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Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5230
 Note: Swann Wireless HD Smart Security Camera

Radiated Emission Measurement



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|--------------------|---------|
| 1 | * | 3486.656 | 32.88 | 1.32 | 34.20 | 54.00 | -19.80 | AVG |
| 2 | | 3486.721 | 39.16 | 1.32 | 40.48 | 68.30 | -27.82 | peak |

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

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www.newbtl.com


Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5755
 Note: Swann Wireless HD Smart Security Camera

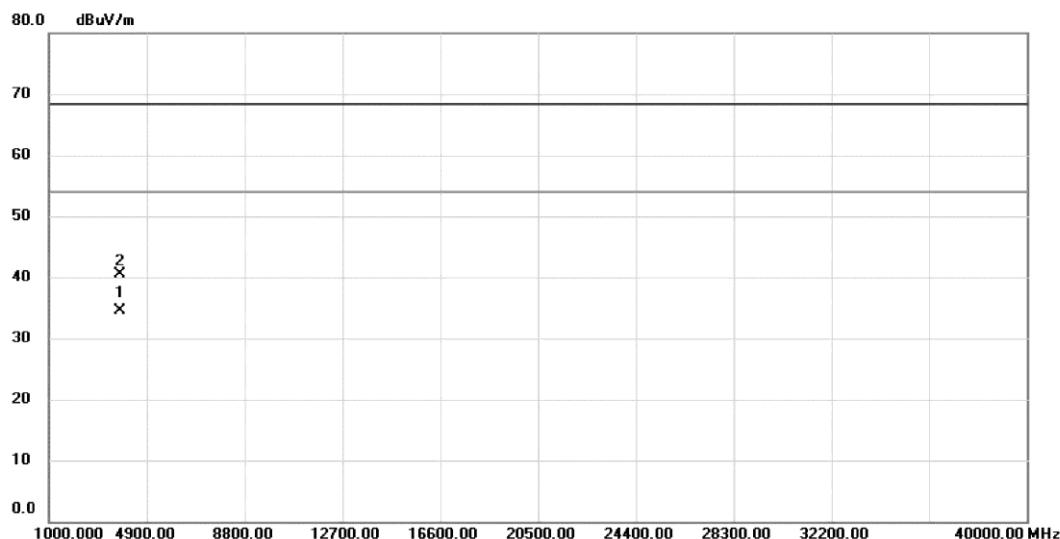
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#59

Date: 2016-11-25

Time: 12:02:56



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | * | 3836.647 | 32.17 | 2.42 | 34.59 | 54.00 | -19.41 | AVG |
| 2 | | 3836.799 | 38.14 | 2.42 | 40.56 | 68.30 | -27.74 | peak |

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

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www.newbtl.com


Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5755
 Note: Swann Wireless HD Smart Security Camera

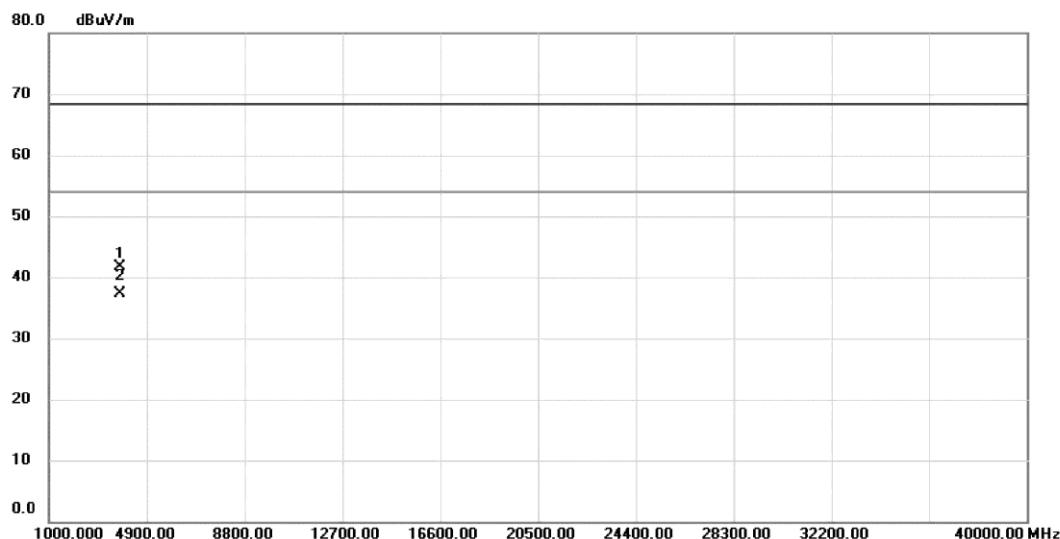
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#60

Date: 2016-11-25

Time: 12:00:47



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 3836.643 | 39.32 | 2.42 | 41.74 | 68.30 | -26.56 | peak |
| 2 * | | 3836.655 | 34.92 | 2.42 | 37.34 | 54.00 | -16.66 | AVG |

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

<Reference Only>

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 Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com


Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5795
 Note: Swann Wireless HD Smart Security Camera

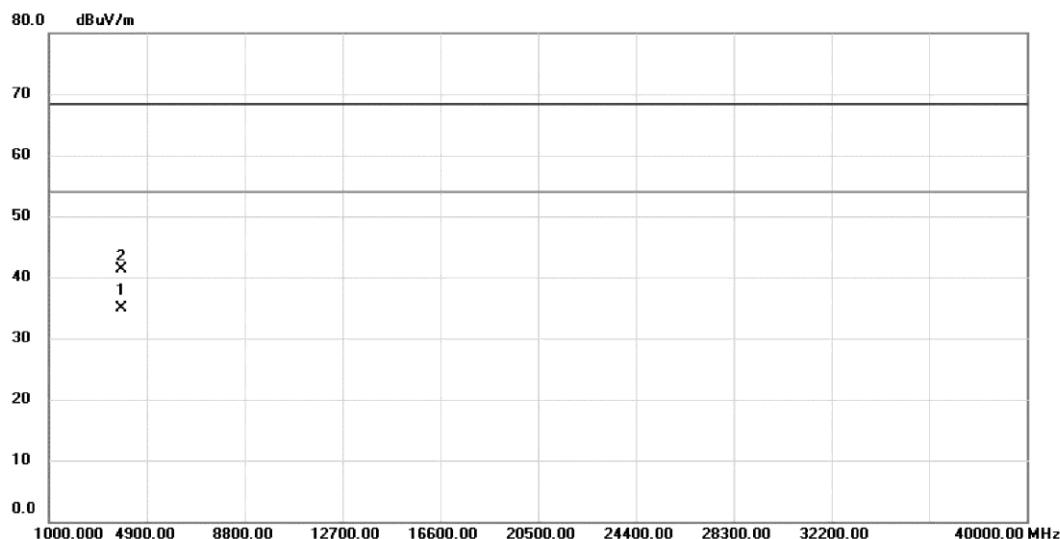
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#61

Date: 2016-11-25

Time: 12:06:07



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | * | 3863.308 | 32.33 | 2.50 | 34.83 | 54.00 | -19.17 | AVG |
| 2 | | 3863.395 | 38.86 | 2.50 | 41.36 | 68.30 | -26.94 | peak |

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

<Reference Only>



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www.newbtl.com



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: SEE NOTE Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5795
 Note: Swann Wireless HD Smart Security Camera

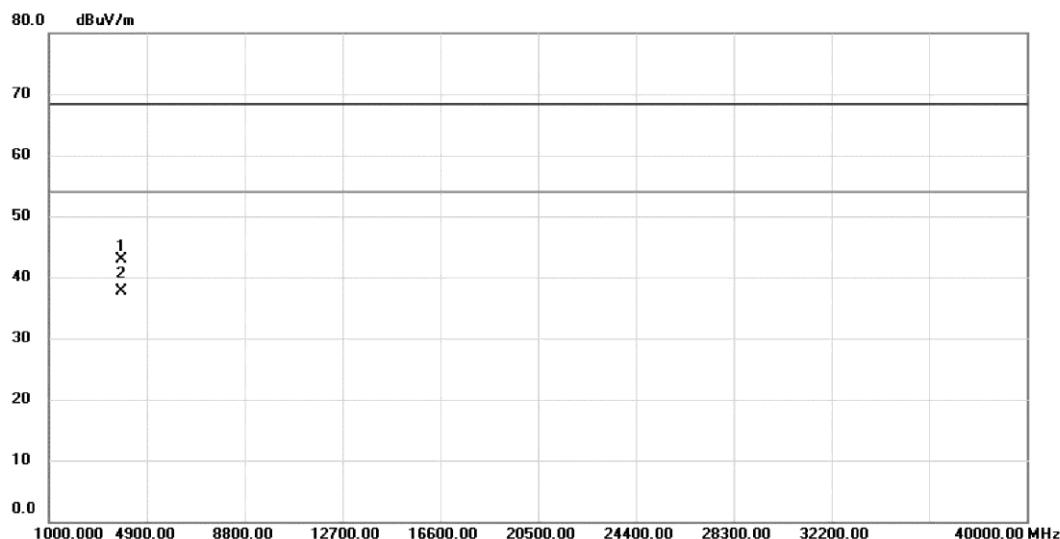
Radiated Emission Measurement

File :FCCP_ABOVE1G

Data :#62

Date: 2016-11-25

Time: 12:04:31



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 3863.145 | 40.44 | 2.50 | 42.94 | 68.30 | -25.36 | peak |
| 2 * | | 3863.298 | 35.30 | 2.50 | 37.80 | 54.00 | -16.20 | AVG |

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

<Reference Only>

Appendix A.10: Unwanted Emissions in the Restricted BandsBTL Inc.
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No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.
Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera Distance: 3m

M/N: SWVHD-INTCAM Mode: TX_A_5180

Note:

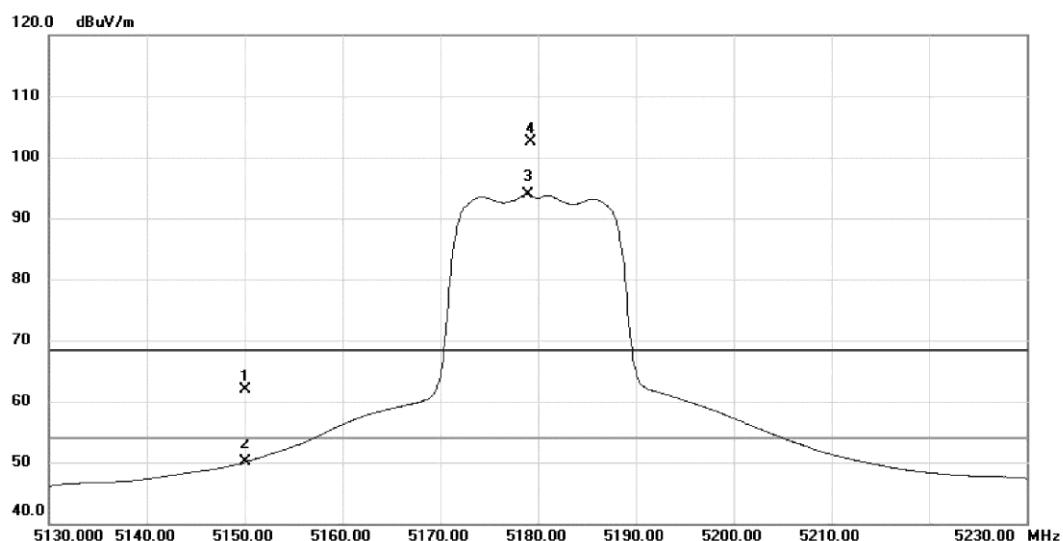
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#1

Date: 2016-11-20

Time: 15:15:04



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | |
|-----|----------|-------|---------------|----------------|-------------|-------|----------|----------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | 5150.000 | 21.32 | 40.63 | 61.95 | 68.30 | -6.35 | peak | |
| 2 | 5150.000 | 9.42 | 40.63 | 50.05 | 54.00 | -3.95 | AVG | |
| 3 * | 5178.950 | 53.17 | 40.72 | 93.89 | 54.00 | 39.89 | AVG | No Limit |
| 4 X | 5179.250 | 61.77 | 40.72 | 102.49 | 68.30 | 34.19 | peak | No Limit |

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

<Reference Only>



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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_A_5180
 Note:

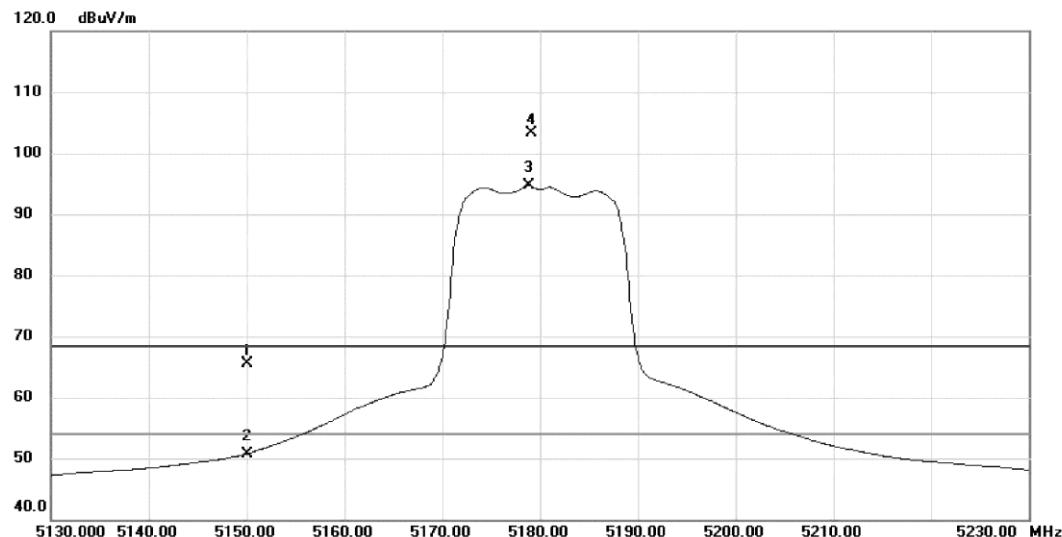
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#2

Date: 2016-11-20

Time: 15:10:59



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5150.000 | 24.84 | 40.63 | 65.47 | 68.30 | -2.83 | peak |
| 2 | | 5150.000 | 10.11 | 40.63 | 50.74 | 54.00 | -3.26 | AVG |
| 3 * | | 5178.900 | 53.93 | 40.72 | 94.65 | 54.00 | 40.65 | AVG No Limit |
| 4 X | | 5179.150 | 62.57 | 40.72 | 103.29 | 68.30 | 34.99 | peak No Limit |

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

⟨Reference Only⟩



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No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.

Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWVHD-INTCAM

Mode: TX_A_5200

Note:

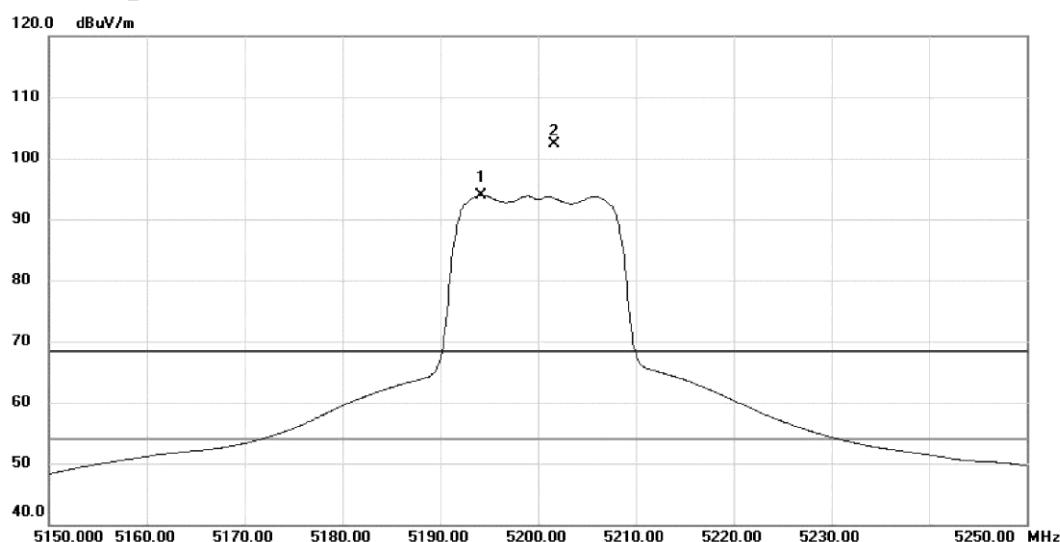
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#3

Date: 2016-11-20

Time: 17:14:17



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | * | 5194.200 | 53.21 | 40.77 | 93.98 | 54.00 | 39.98 | AVG No Limit |
| 2 | X | 5201.600 | 61.58 | 40.79 | 102.37 | 68.30 | 34.07 | peak No Limit |

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

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Site: DG-CB03

Polarization: **Horizontal**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWVHD-INTCAM

Mode: TX_A_5200

Note:

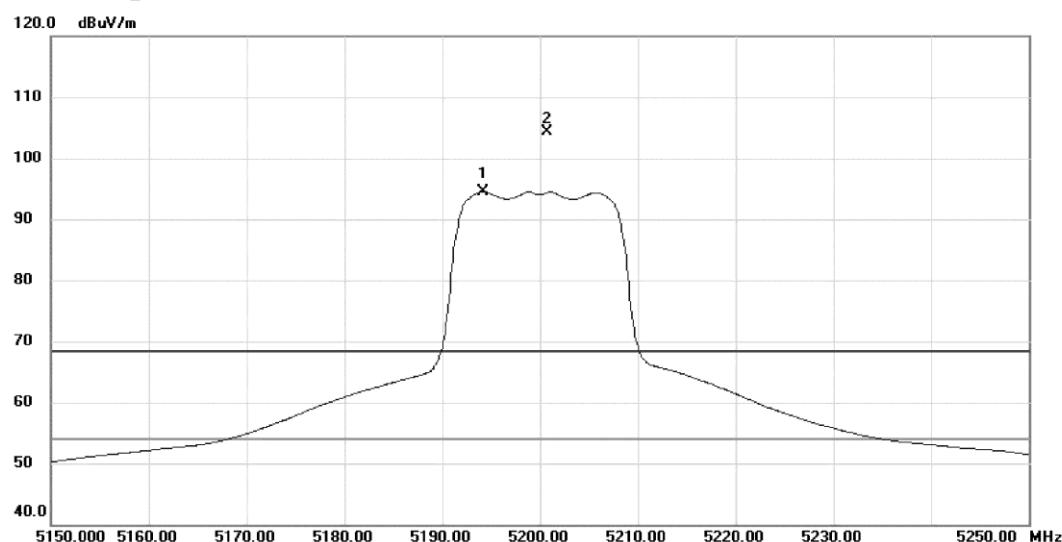
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#4

Date: 2016-11-20

Time: 15:17:13



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|--------------------|---------------|
| 1 | * | 5194.200 | 53.76 | 40.77 | 94.53 | 54.00 | 40.53 | AVG No Limit |
| 2 | X | 5200.750 | 63.50 | 40.79 | 104.29 | 68.30 | 35.99 | peak No Limit |

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

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Site: DG-CB03

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWVHD-INTCAM

Mode: TX_A_5240

Note:

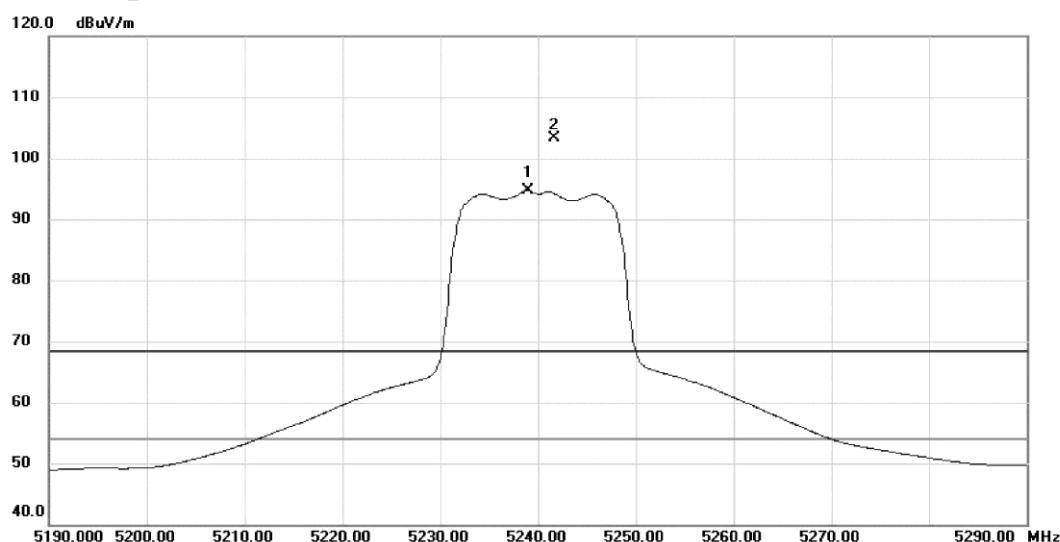
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#5

Date: 2016-11-20

Time: 17:17:30



| No. | Mk. | Reading Level MHz | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|-----|----------------------|----------------------|----------------------------|-------------|--------------------|---------------------|
| 1 | * | 5239.000 | 53.78 | 40.92 | 94.70 | 54.00 | 40.70 AVG No Limit |
| 2 | X | 5241.600 | 62.41 | 40.93 | 103.34 | 68.30 | 35.04 peak No Limit |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03

Polarization: **Horizontal**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWVHD-INTCAM

Mode: TX_A_5240

Note:

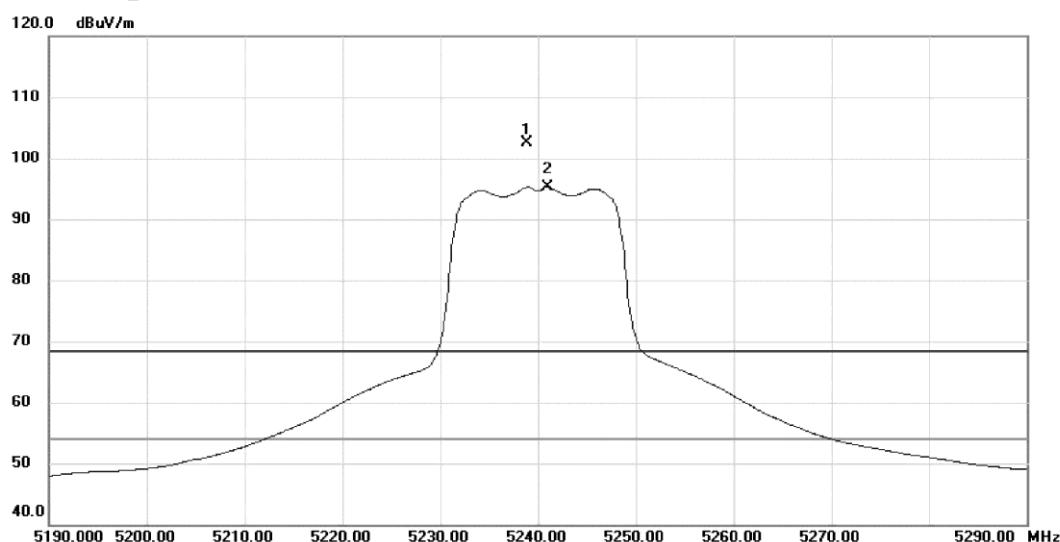
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#6

Date: 2016-11-20

Time: 15:19:24



| No. | Mk. | Reading Level MHz | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|-----|----------------------|----------------------|----------------------------|-------------|--------------------|---------------------|
| 1 | X | 5238.800 | 61.63 | 40.91 | 102.54 | 68.30 | 34.24 peak No Limit |
| 2 | * | 5240.950 | 54.32 | 40.93 | 95.25 | 54.00 | 41.25 AVG No Limit |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_A_5745
 Note:

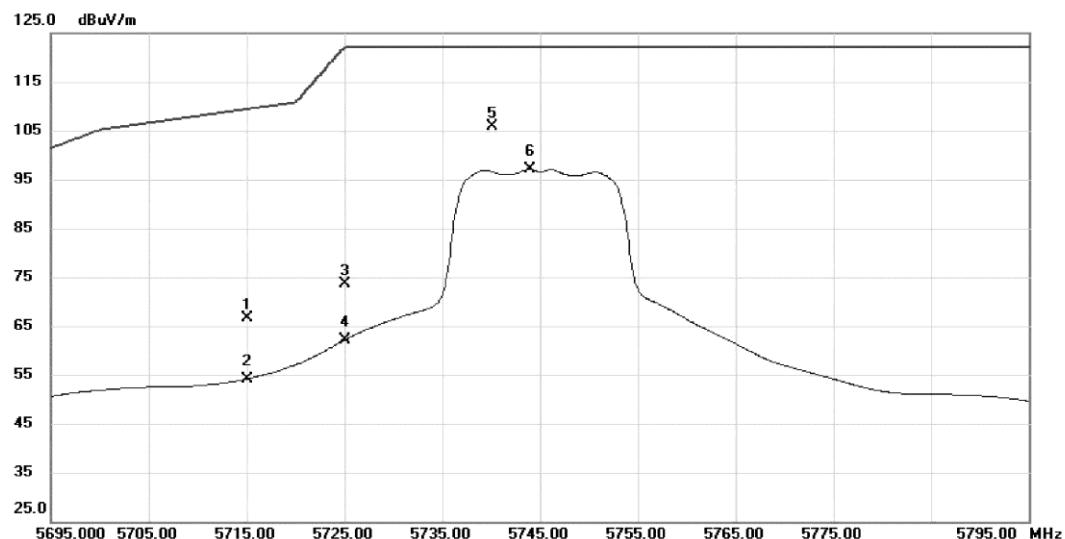
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#19

Date: 2016-11-20

Time: 17:02:57



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5715.000 | 23.96 | 42.55 | 66.51 | 109.40 | -42.89 | peak |
| 2 | | 5715.000 | 11.65 | 42.55 | 54.20 | 109.40 | -55.20 | AVG |
| 3 | | 5725.000 | 31.15 | 42.58 | 73.73 | 122.20 | -48.47 | peak |
| 4 | | 5725.000 | 19.60 | 42.58 | 62.18 | 122.20 | -60.02 | AVG |
| 5 * | | 5740.200 | 63.15 | 42.64 | 105.79 | 122.20 | -16.41 | peak |
| 6 | | 5744.000 | 54.54 | 42.65 | 97.19 | 122.20 | -25.01 | AVG |

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

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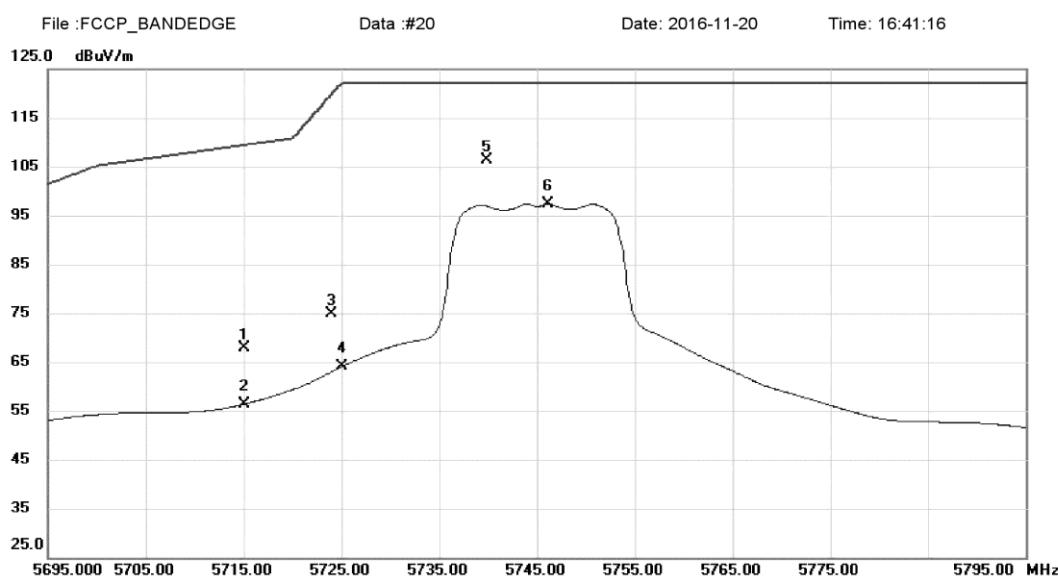
No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.

Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_A_5745
 Note:

Radiated Emission Measurement



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-------------|--------------------|---------|
| 1 | 5715.000 | 25.32 | 42.55 | 67.87 | 109.40 | -41.53 | peak | |
| 2 | 5715.000 | 13.85 | 42.55 | 56.40 | 109.40 | -53.00 | AVG | |
| 3 | 5724.000 | 32.23 | 42.58 | 74.81 | 119.92 | -45.11 | peak | |
| 4 | 5725.000 | 21.45 | 42.58 | 64.03 | 122.20 | -58.17 | AVG | |
| 5 * | 5739.800 | 63.73 | 42.64 | 106.37 | 122.20 | -15.83 | peak | |
| 6 | 5746.100 | 54.78 | 42.66 | 97.44 | 122.20 | -24.76 | AVG | |

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

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Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_A_5785
 Note:

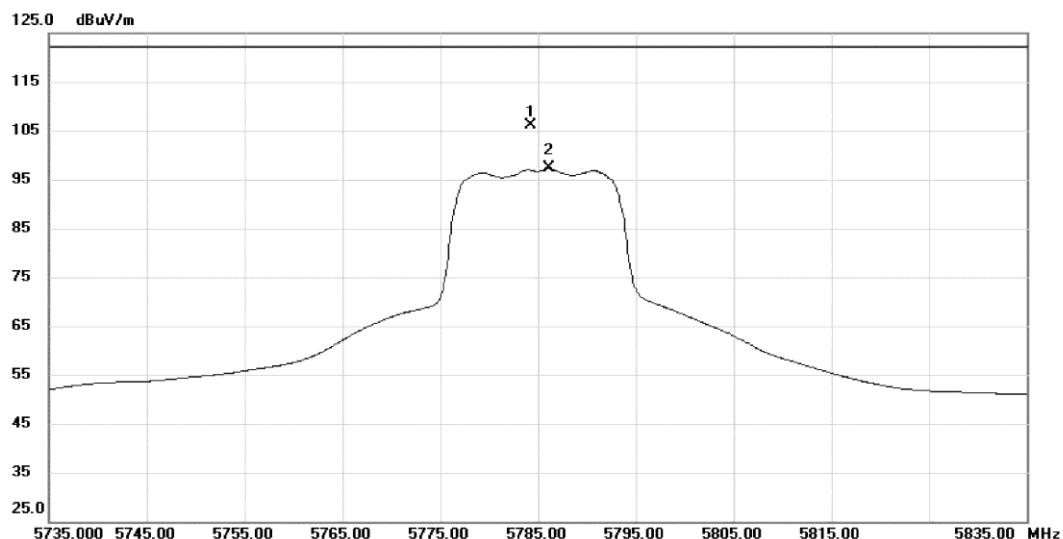
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#21

Date: 2016-11-20

Time: 17:05:35



| No. | Mk. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|---------------|----------------|--------------|--------|--------|------------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector Comment |
| 1 | * | 5784.300 | 63.24 | 42.79 | 106.03 | 122.20 | -16.17 peak |
| 2 | | 5786.100 | 54.48 | 42.80 | 97.28 | 122.20 | -24.92 AVG |

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

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Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_A_5785
 Note:

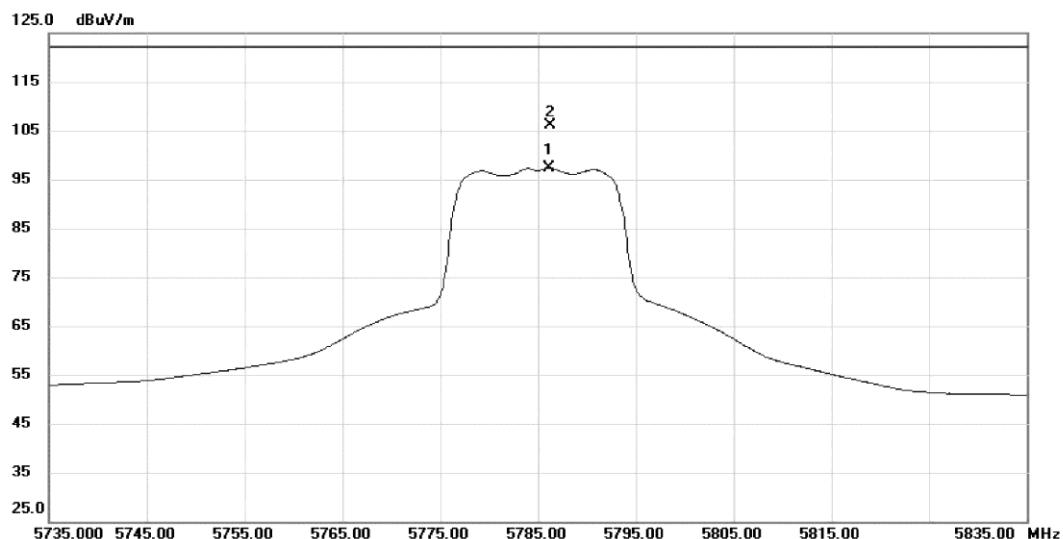
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#22

Date: 2016-11-20

Time: 16:42:50



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5786.100 | 54.68 | 42.80 | 97.48 | 122.20 | -24.72 | AVG |
| 2 * | | 5786.300 | 63.27 | 42.80 | 106.07 | 122.20 | -16.13 | peak |

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

⟨Reference Only⟩



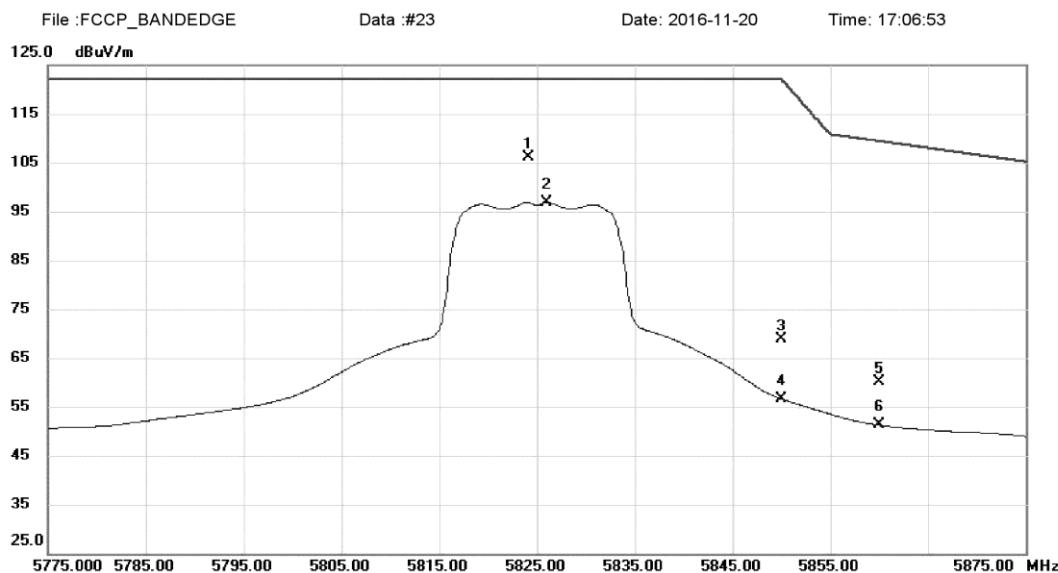
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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_A_5825
 Note:

Radiated Emission Measurement



| No. | Mk. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|---------------|----------------|--------------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 * | 5824.200 | 63.25 | 42.94 | 106.19 | 122.20 | -16.01 | peak |
| 2 | 5826.000 | 53.98 | 42.94 | 96.92 | 122.20 | -25.28 | AVG |
| 3 | 5850.000 | 25.73 | 43.03 | 68.76 | 122.20 | -53.44 | peak |
| 4 | 5850.000 | 13.63 | 43.03 | 56.66 | 122.20 | -65.54 | AVG |
| 5 | 5860.000 | 17.11 | 43.06 | 60.17 | 109.40 | -49.23 | peak |
| 6 | 5860.000 | 8.23 | 43.06 | 51.29 | 109.40 | -58.11 | AVG |

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

⟨Reference Only⟩



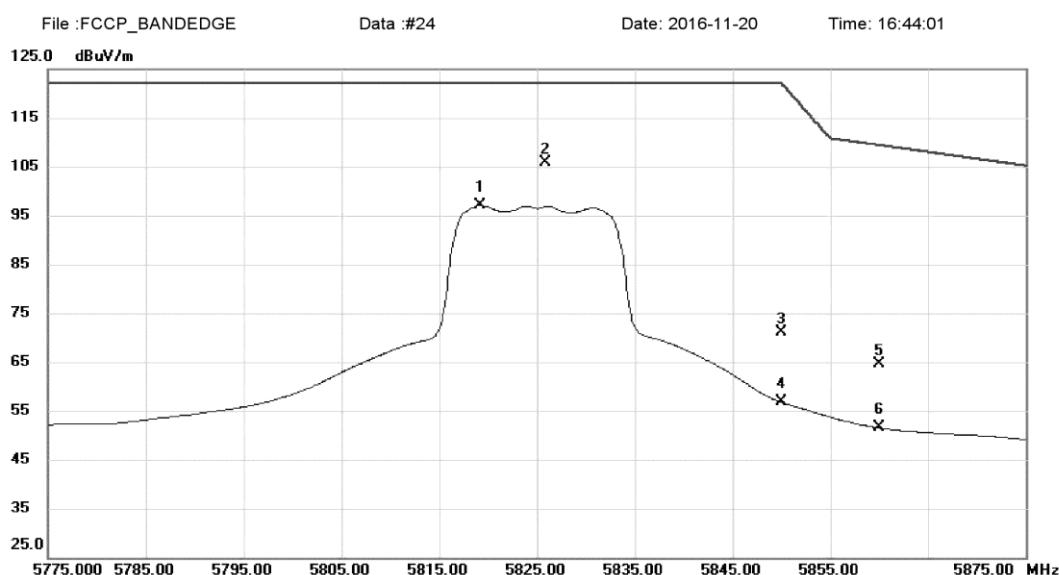
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No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.
Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_A_5825
 Note:

Radiated Emission Measurement



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|-------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | 5819.200 | 54.16 | 42.92 | 97.08 | 122.20 | -25.12 | AVG | |
| 2 * | 5825.900 | 62.83 | 42.94 | 105.77 | 122.20 | -16.43 | peak | |
| 3 | 5850.000 | 28.04 | 43.03 | 71.07 | 122.20 | -51.13 | peak | |
| 4 | 5850.000 | 13.77 | 43.03 | 56.80 | 122.20 | -65.40 | AVG | |
| 5 | 5860.000 | 21.51 | 43.06 | 64.57 | 109.40 | -44.83 | peak | |
| 6 | 5860.000 | 8.49 | 43.06 | 51.55 | 109.40 | -57.85 | AVG | |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWWHD-INTCAM

Mode: TX_N20_5180

Note:

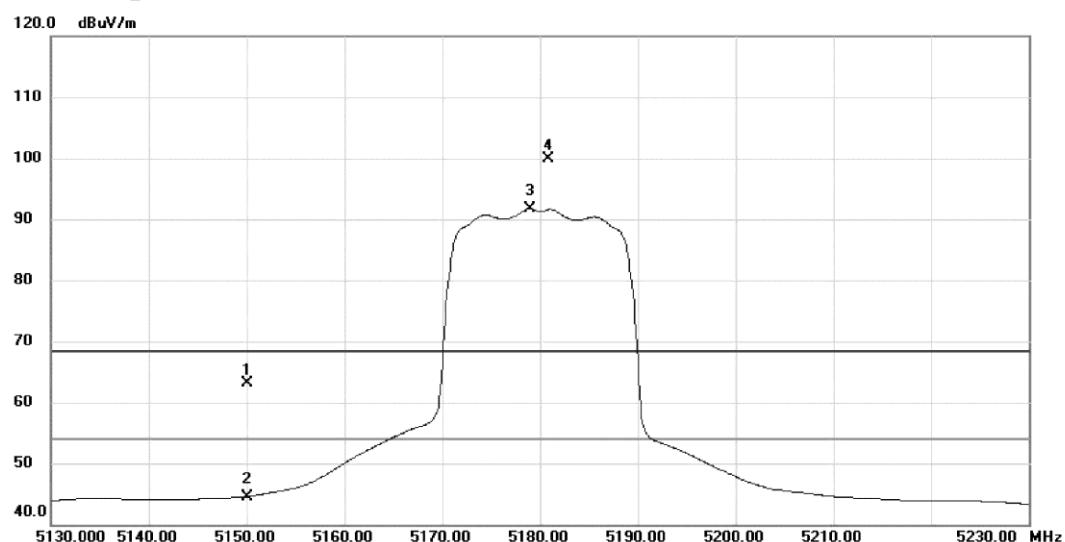
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#25

Date: 2016-11-20

Time: 17:33:02



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5150.000 | 22.44 | 40.63 | 63.07 | 68.30 | -5.23 | peak |
| 2 | | 5150.000 | 3.95 | 40.63 | 44.58 | 54.00 | -9.42 | AVG |
| 3 * | | 5179.000 | 51.00 | 40.72 | 91.72 | 54.00 | 37.72 | AVG No Limit |
| 4 X | | 5180.800 | 59.26 | 40.72 | 99.98 | 68.30 | 31.68 | peak No Limit |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5180
 Note:

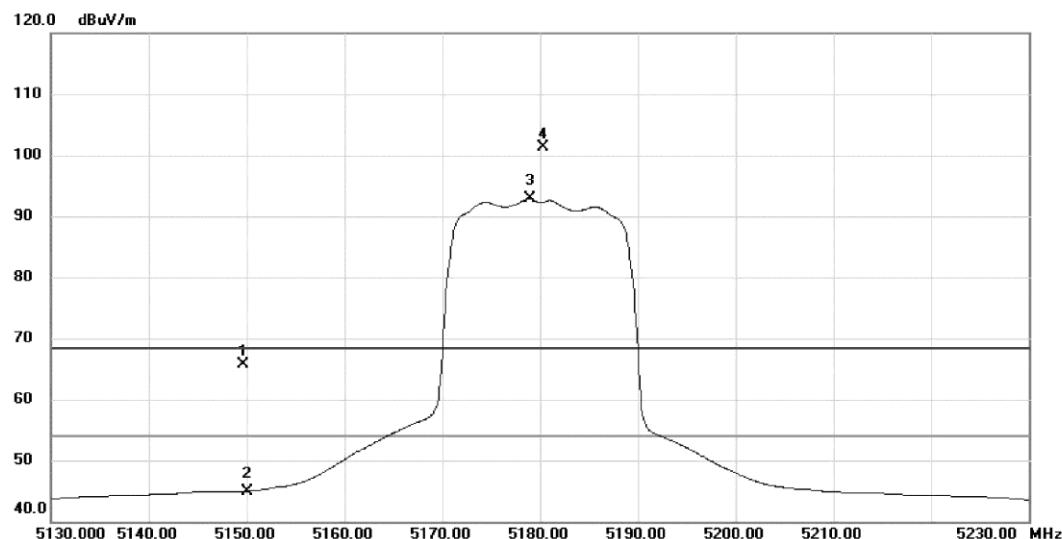
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#26

Date: 2016-11-20

Time: 15:53:13



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5149.700 | 25.10 | 40.62 | 65.72 | 68.30 | -2.58 | peak |
| 2 | | 5150.000 | 4.37 | 40.63 | 45.00 | 54.00 | -9.00 | AVG |
| 3 * | | 5179.000 | 52.19 | 40.72 | 92.91 | 54.00 | 38.91 | AVG No Limit |
| 4 X | | 5180.400 | 60.68 | 40.72 | 101.40 | 68.30 | 33.10 | peak No Limit |

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

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Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N20_5200
 Note:

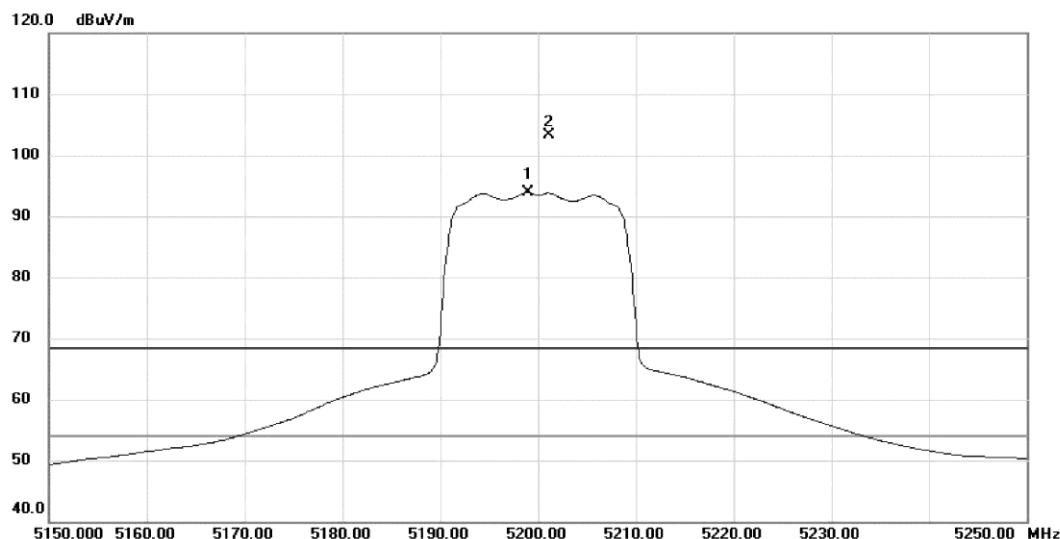
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#27

Date: 2016-11-20

Time: 17:34:36



| No. | Mk. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 * | 5199.000 | 53.19 | 40.79 | 93.98 | 54.00 | 39.98 | AVG No Limit |
| 2 X | 5201.200 | 62.59 | 40.79 | 103.38 | 68.30 | 35.08 | peak No Limit |

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

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Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N20_5200
 Note:

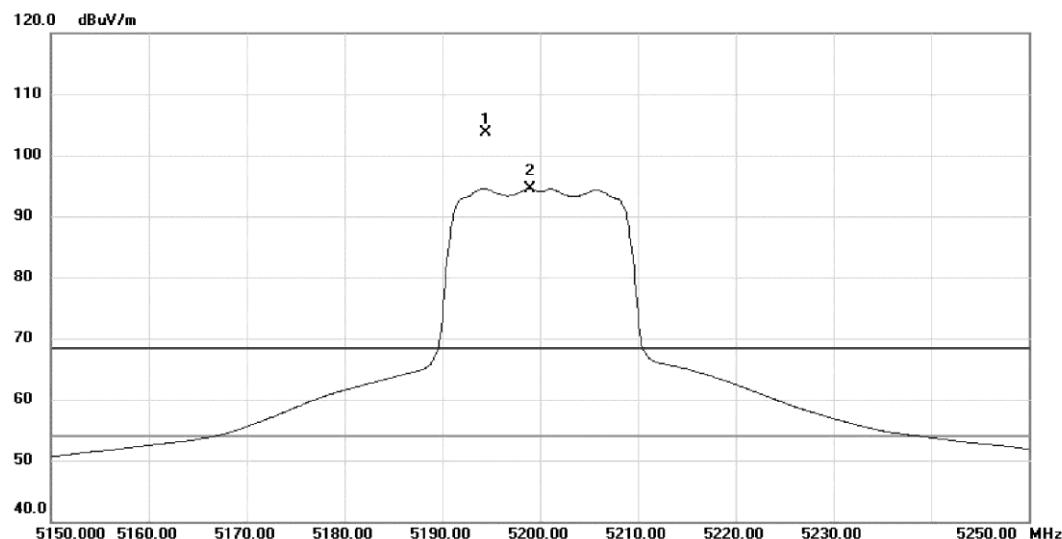
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#28

Date: 2016-11-20

Time: 16:00:55



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | X | 5194.500 | 63.00 | 40.78 | 103.78 | 68.30 | 35.48 | peak No Limit |
| 2 | * | 5199.000 | 53.78 | 40.79 | 94.57 | 54.00 | 40.57 | AVG No Limit |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWWHD-INTCAM

Mode: TX_N20_5240

Note:

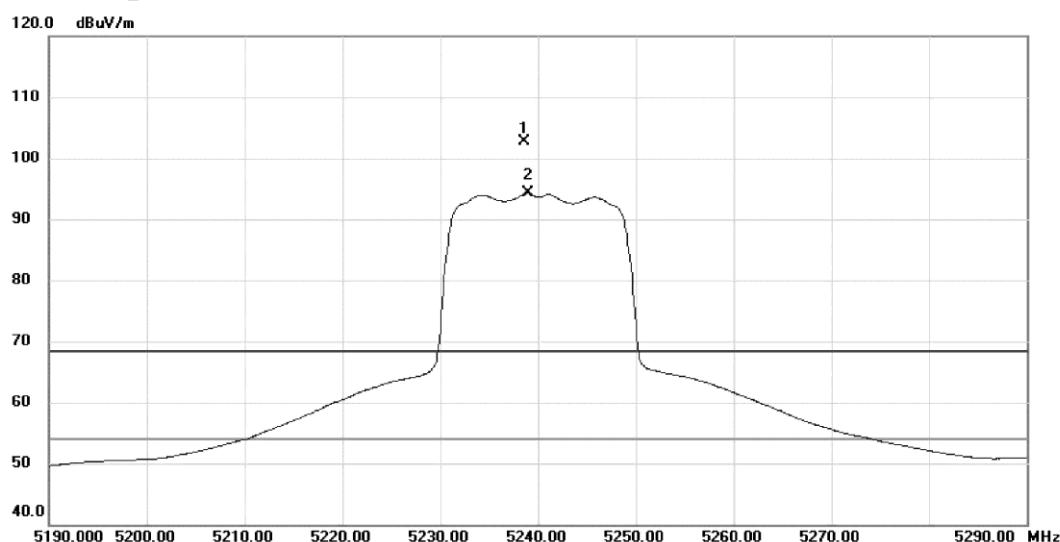
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#29

Date: 2016-11-20

Time: 17:35:52



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | X | 5238.600 | 61.87 | 40.91 | 102.78 | 68.30 | 34.48 | peak No Limit |
| 2 | * | 5239.000 | 53.33 | 40.92 | 94.25 | 54.00 | 40.25 | AVG No Limit |

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

<Reference Only>



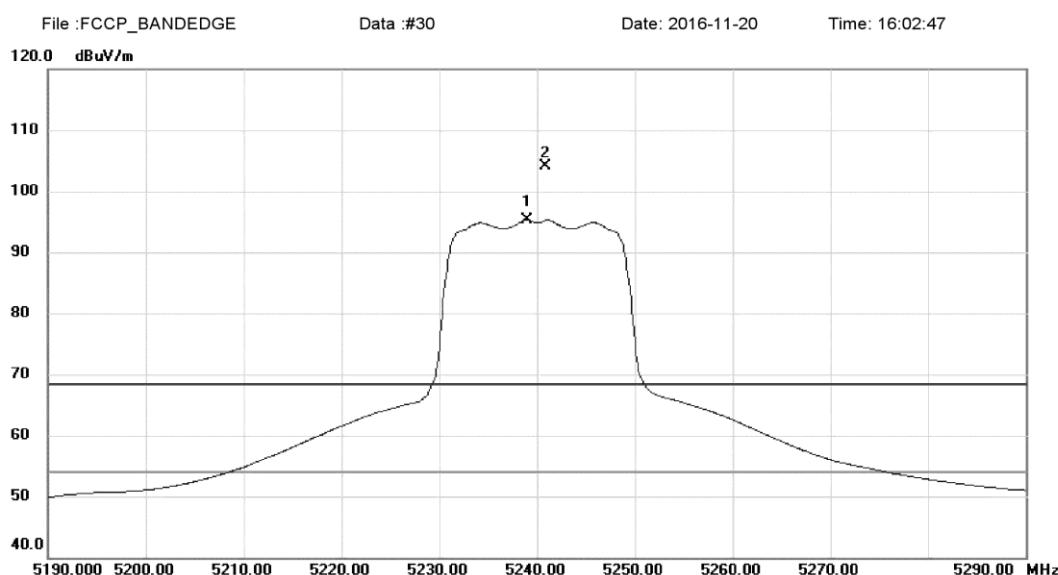
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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N20_5240
 Note:

Radiated Emission Measurement



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dB | Margin |
|-----|-----|-----------|--------------------|-------------------|--------------------|----------|---------------------|
| | | | | | | | Detector Comment |
| 1 | * | 5239.000 | 54.39 | 40.92 | 95.31 | 54.00 | 41.31 AVG No Limit |
| 2 | X | 5240.800 | 63.17 | 40.93 | 104.10 | 68.30 | 35.80 peak No Limit |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5745
 Note:

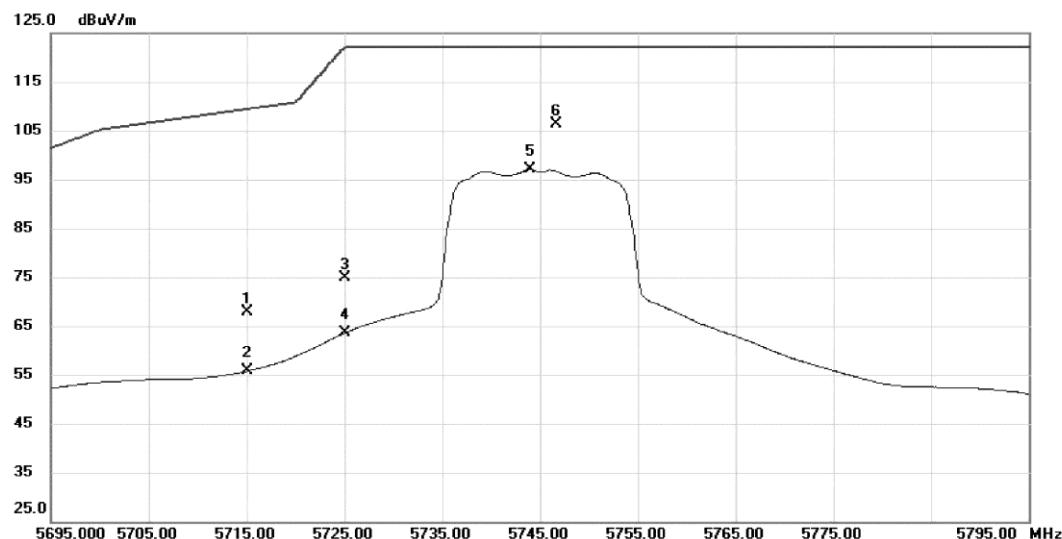
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#43

Date: 2016-11-20

Time: 17:08:35



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5715.000 | 25.38 | 42.55 | 67.93 | 109.40 | -41.47 | peak |
| 2 | | 5715.000 | 13.22 | 42.55 | 55.77 | 109.40 | -53.63 | AVG |
| 3 | | 5725.000 | 32.24 | 42.58 | 74.82 | 122.20 | -47.38 | peak |
| 4 | | 5725.000 | 20.98 | 42.58 | 63.56 | 122.20 | -58.64 | AVG |
| 5 | | 5744.000 | 54.43 | 42.65 | 97.08 | 122.20 | -25.12 | AVG |
| 6 | * | 5746.600 | 63.70 | 42.66 | 106.36 | 122.20 | -15.84 | peak |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5745
 Note:

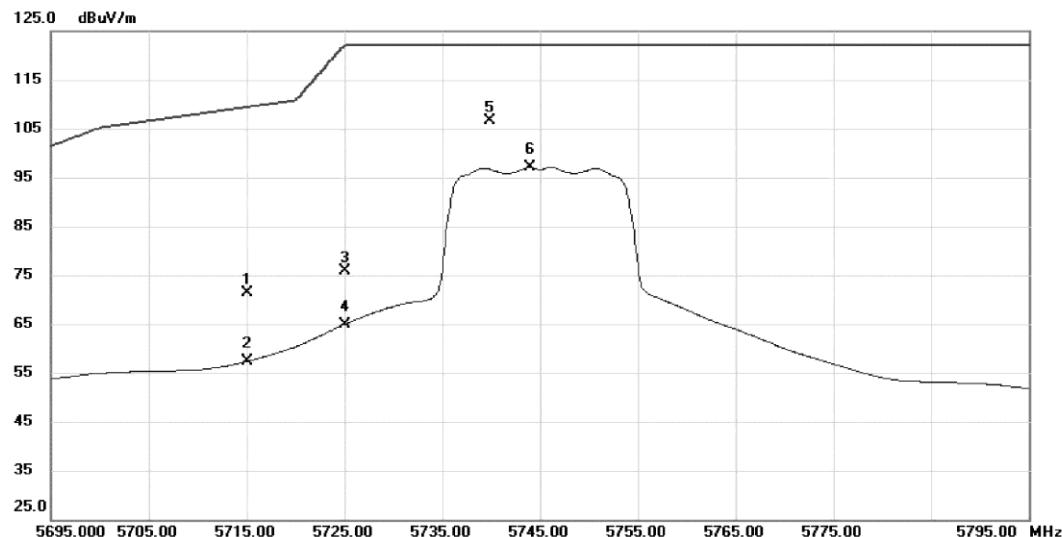
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#44

Date: 2016-11-20

Time: 16:45:49



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-------------|--------------------|---------|
| 1 | 5715.000 | 28.76 | 42.55 | 71.31 | 109.40 | -38.09 | peak | |
| 2 | 5715.000 | 14.84 | 42.55 | 57.39 | 109.40 | -52.01 | AVG | |
| 3 | 5725.000 | 33.28 | 42.58 | 75.86 | 122.20 | -46.34 | peak | |
| 4 | 5725.000 | 22.36 | 42.58 | 64.94 | 122.20 | -57.26 | AVG | |
| 5 * | 5739.900 | 64.01 | 42.64 | 106.65 | 122.20 | -15.55 | peak | |
| 6 | 5744.000 | 54.54 | 42.65 | 97.19 | 122.20 | -25.01 | AVG | |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5785
 Note:

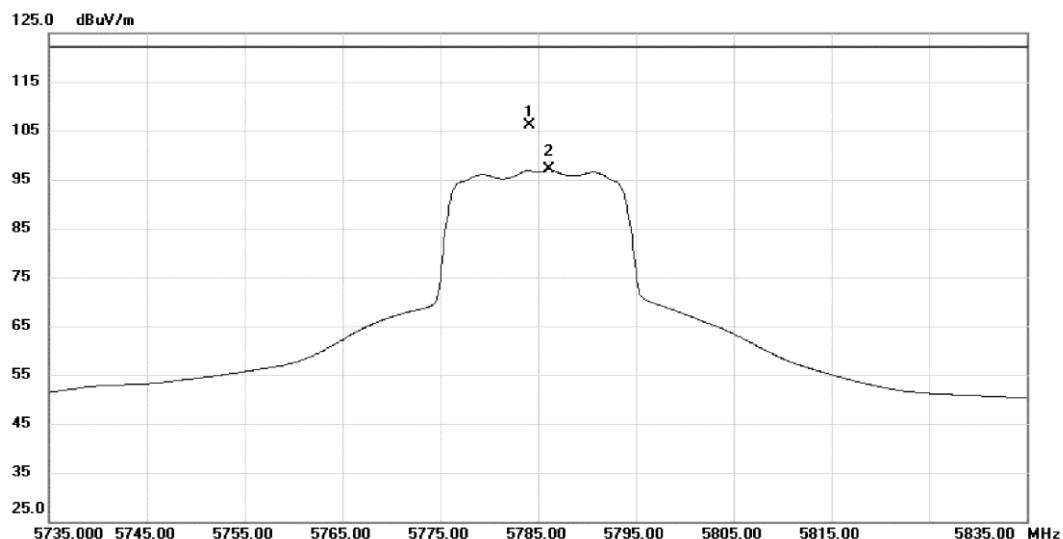
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#45

Date: 2016-11-20

Time: 17:09:54



| No. | Mk. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|---------------|----------------|--------------|--------|--------|------------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector Comment |
| 1 | * | 5784.100 | 63.24 | 42.79 | 106.03 | 122.20 | -16.17 peak |
| 2 | | 5786.100 | 54.28 | 42.80 | 97.08 | 122.20 | -25.12 AVG |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5785
 Note:

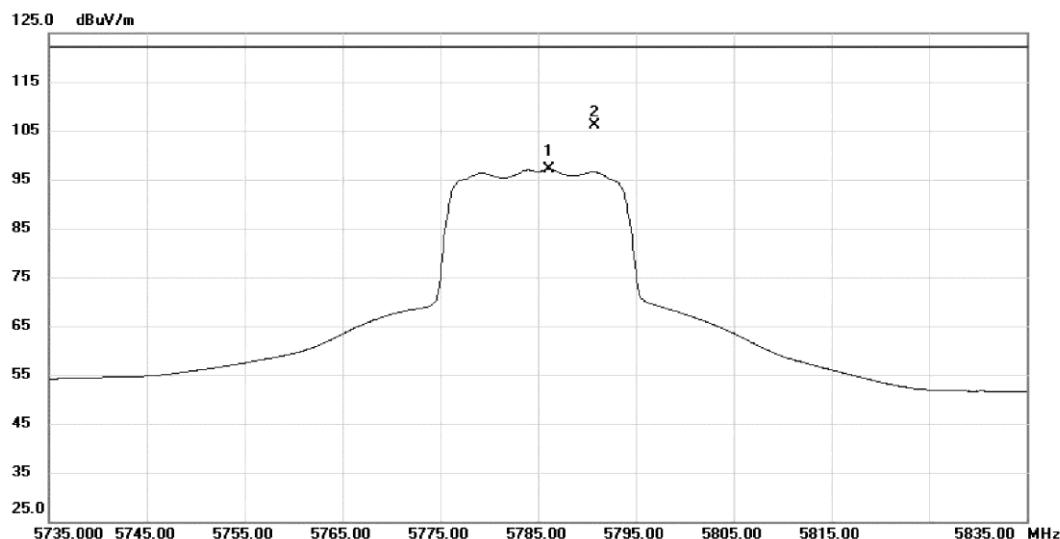
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#46

Date: 2016-11-20

Time: 16:47:48



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5786.100 | 54.40 | 42.80 | 97.20 | 122.20 | -25.00 | AVG |
| 2 * | | 5790.800 | 63.39 | 42.82 | 106.21 | 122.20 | -15.99 | peak |

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

<Reference Only>



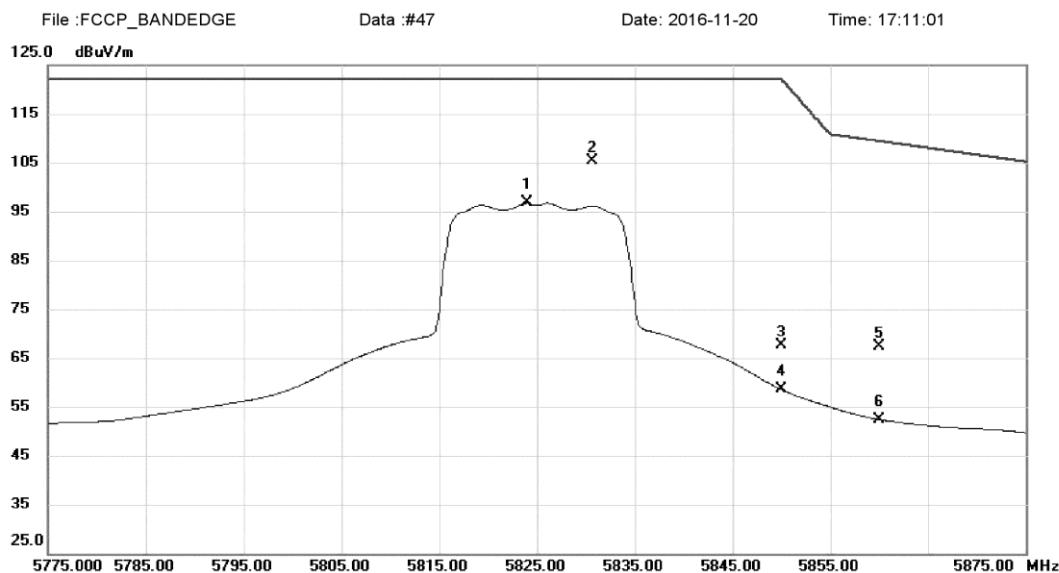
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Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5825
 Note:

Radiated Emission Measurement



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5824.000 | 53.83 | 42.94 | 96.77 | 122.20 | -25.43 | AVG |
| 2 * | | 5830.600 | 62.50 | 42.95 | 105.45 | 122.20 | -16.75 | peak |
| 3 | | 5850.000 | 24.63 | 43.03 | 67.66 | 122.20 | -54.54 | peak |
| 4 | | 5850.000 | 15.54 | 43.03 | 58.57 | 122.20 | -63.63 | AVG |
| 5 | | 5860.000 | 24.28 | 43.06 | 67.34 | 109.40 | -42.06 | peak |
| 6 | | 5860.000 | 9.39 | 43.06 | 52.45 | 109.40 | -56.95 | AVG |

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

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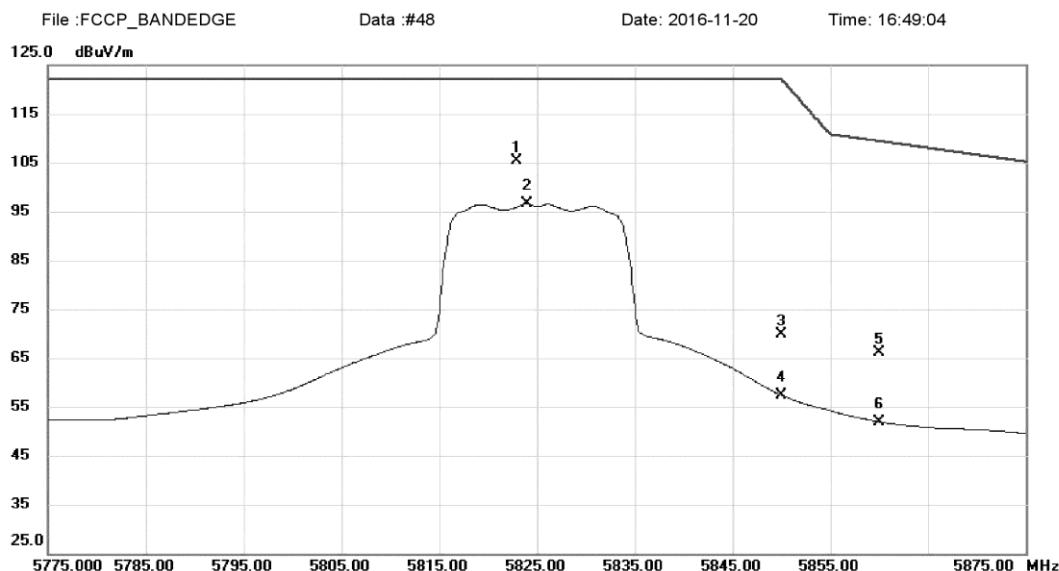
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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N20_5825
 Note:

Radiated Emission Measurement



| No. | Mk. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|---------------|----------------|--------------|--------|--------|------------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector Comment |
| 1 * | 5822.900 | 62.51 | 42.92 | 105.43 | 122.20 | -16.77 | peak |
| 2 | 5824.000 | 53.67 | 42.94 | 96.61 | 122.20 | -25.59 | AVG |
| 3 | 5850.000 | 26.90 | 43.03 | 69.93 | 122.20 | -52.27 | peak |
| 4 | 5850.000 | 14.40 | 43.03 | 57.43 | 122.20 | -64.77 | AVG |
| 5 | 5860.000 | 23.04 | 43.06 | 66.10 | 109.40 | -43.30 | peak |
| 6 | 5860.000 | 8.94 | 43.06 | 52.00 | 109.40 | -57.40 | AVG |

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

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Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5190
 Note:

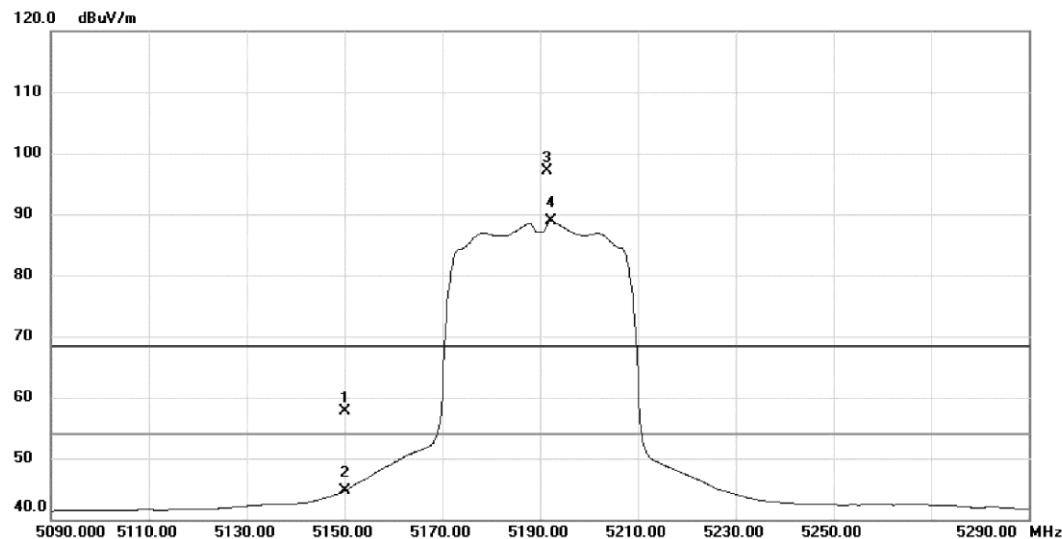
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#49

Date: 2016-11-20

Time: 17:48:44



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5150.000 | 17.12 | 40.63 | 57.75 | 68.30 | -10.55 | peak |
| 2 | | 5150.000 | 4.06 | 40.63 | 44.69 | 54.00 | -9.31 | AVG |
| 3 | X | 5191.400 | 56.43 | 40.76 | 97.19 | 68.30 | 28.89 | peak No Limit |
| 4 | * | 5192.200 | 48.10 | 40.76 | 88.86 | 54.00 | 34.86 | AVG No Limit |

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

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Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5190
 Note:

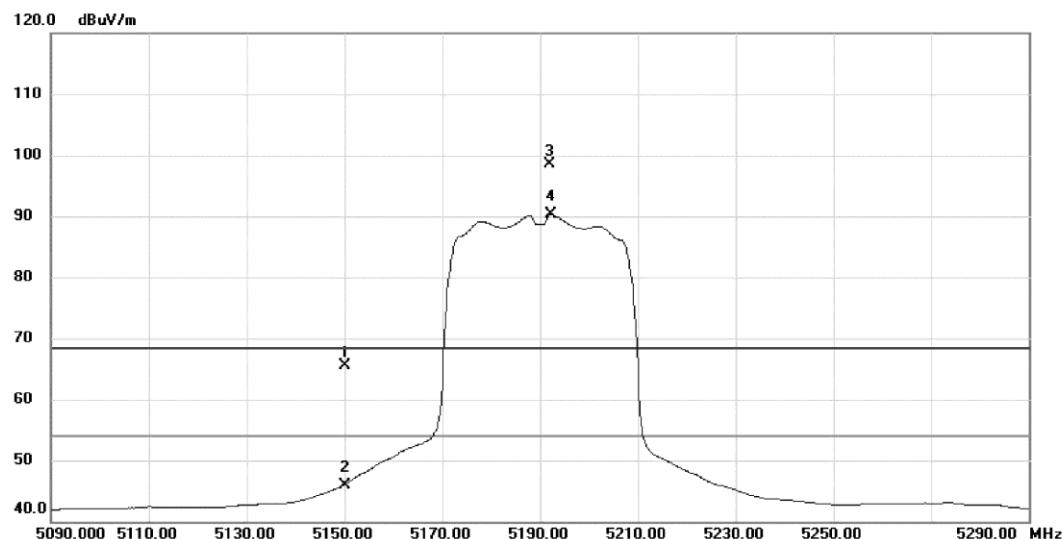
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#50

Date: 2016-11-20

Time: 16:19:40



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5150.000 | 24.78 | 40.63 | 65.41 | 68.30 | -2.89 | peak |
| 2 | | 5150.000 | 5.37 | 40.63 | 46.00 | 54.00 | -8.00 | AVG |
| 3 | X | 5192.000 | 57.69 | 40.76 | 98.45 | 68.30 | 30.15 | peak No Limit |
| 4 | * | 5192.200 | 49.57 | 40.76 | 90.33 | 54.00 | 36.33 | AVG No Limit |

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

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Site: DG-CB03

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC 15.407_3m_(Peak)

Power: DC 5V

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWWHD-INTCAM

Mode: TX_N40_5230

Note:

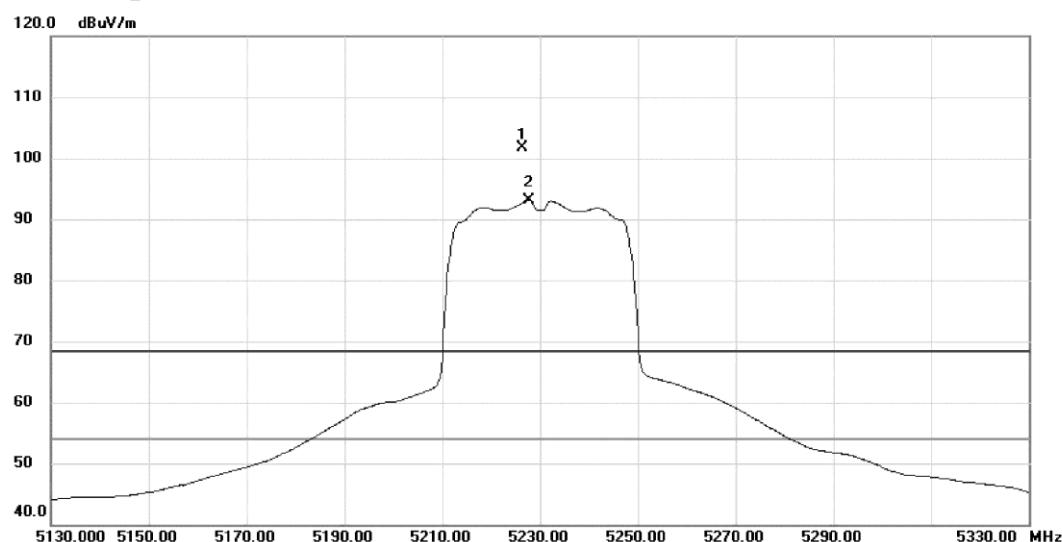
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#51

Date: 2016-11-20

Time: 17:50:50



| No. | Mk. | Reading Level MHz | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|-----|----------------------|----------------------|----------------------------|-------------|--------------------|---------------------|
| 1 | X | 5226.400 | 60.79 | 40.87 | 101.66 | 68.30 | 33.36 peak No Limit |
| 2 | * | 5227.800 | 52.23 | 40.89 | 93.12 | 54.00 | 39.12 AVG No Limit |

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

⟨Reference Only⟩



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Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407_3m_(Peak) Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N40_5230
 Note:

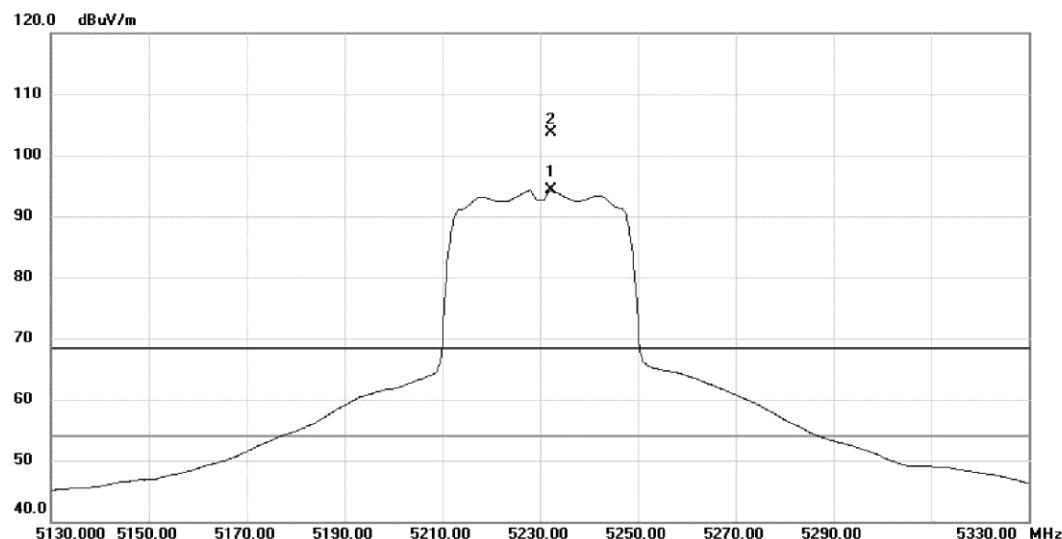
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#52

Date: 2016-11-20

Time: 16:21:25



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|---------------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | * | 5232.200 | 53.33 | 40.90 | 94.23 | 54.00 | 40.23 | AVG No Limit |
| 2 | X | 5232.400 | 62.76 | 40.90 | 103.66 | 68.30 | 35.36 | peak No Limit |

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

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Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N40_5755
 Note:

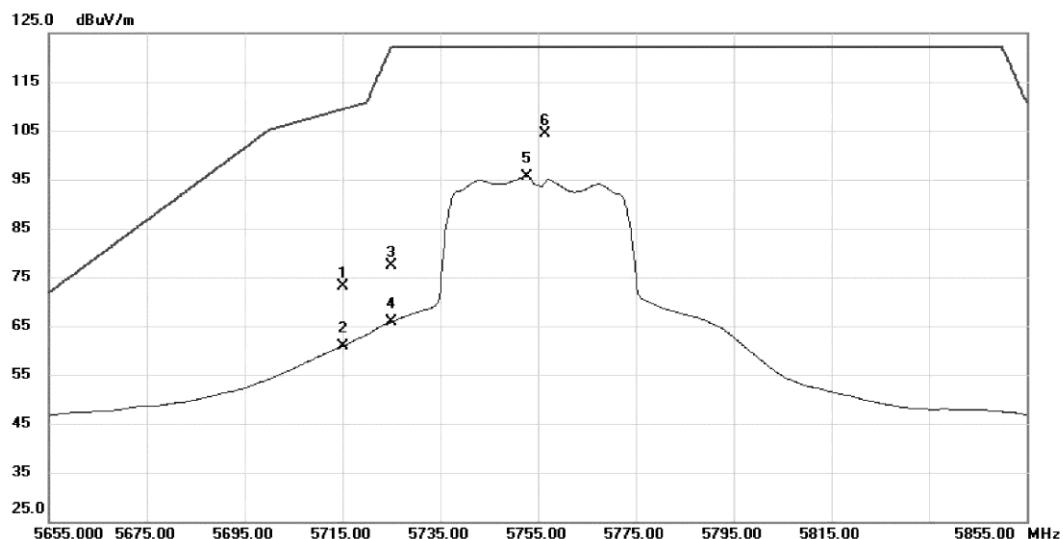
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#63

Date: 2016-11-20

Time: 17:00:49



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|----------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | | 5715.000 | 30.60 | 42.55 | 73.15 | 109.40 | -36.25 | peak |
| 2 | | 5715.000 | 18.31 | 42.55 | 60.86 | 109.40 | -48.54 | AVG |
| 3 | | 5725.000 | 34.89 | 42.58 | 77.47 | 122.20 | -44.73 | peak |
| 4 | | 5725.000 | 23.32 | 42.58 | 65.90 | 122.20 | -56.30 | AVG |
| 5 | | 5752.800 | 53.02 | 42.68 | 95.70 | 122.20 | -26.50 | AVG |
| 6 | * | 5756.400 | 61.66 | 42.70 | 104.36 | 122.20 | -17.84 | peak |

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

⟨Reference Only⟩



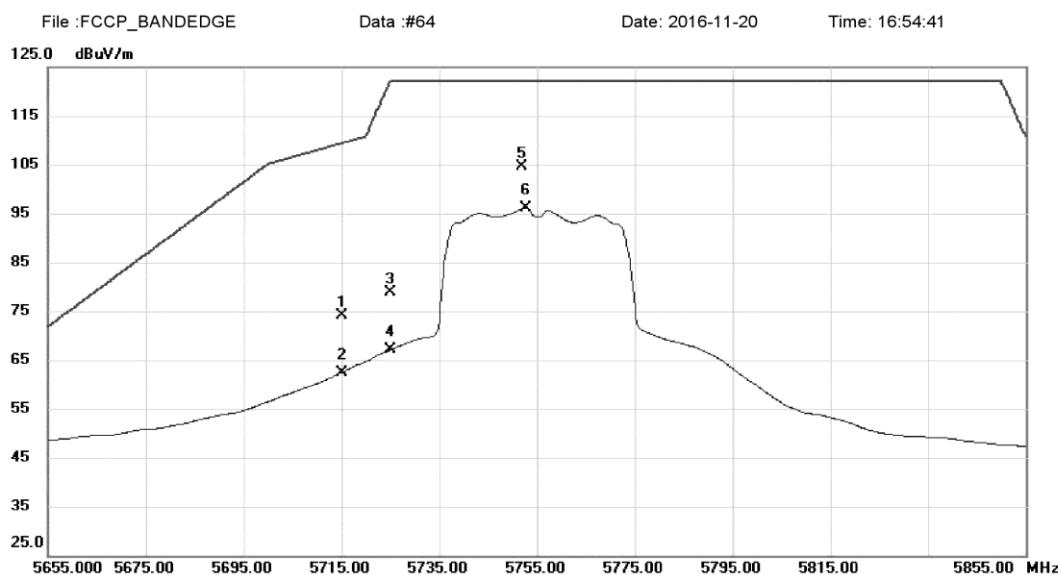
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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5755
 Note:

Radiated Emission Measurement



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|-------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | 5715.000 | 31.52 | 42.55 | 74.07 | 109.40 | -35.33 | peak | |
| 2 | 5715.000 | 19.88 | 42.55 | 62.43 | 109.40 | -46.97 | AVG | |
| 3 | 5725.000 | 36.34 | 42.58 | 78.92 | 122.20 | -43.28 | peak | |
| 4 | 5725.000 | 24.52 | 42.58 | 67.10 | 122.20 | -55.10 | AVG | |
| 5 * | 5751.800 | 62.08 | 42.67 | 104.75 | 122.20 | -17.45 | peak | |
| 6 | 5752.800 | 53.53 | 42.68 | 96.21 | 122.20 | -25.99 | AVG | |

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

⟨Reference Only⟩



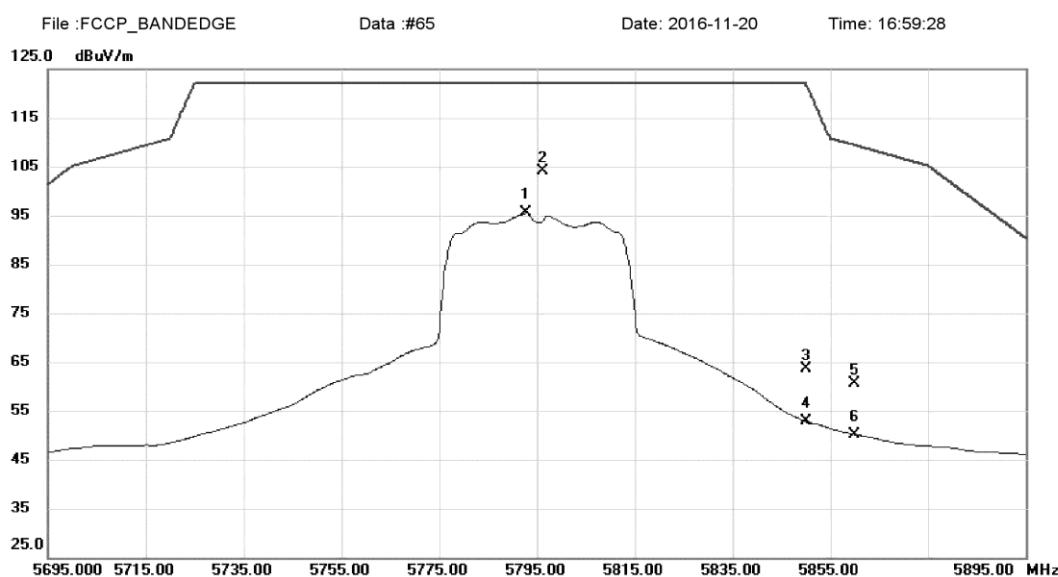
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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Vertical** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWVHD-INTCAM Mode: TX_N40_5795
 Note:

Radiated Emission Measurement



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|----------|-------|---------------|----------------|--------------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | Detector | Comment |
| 1 | 5792.800 | 52.72 | 42.82 | 95.54 | 122.20 | -26.66 | AVG | |
| 2 * | 5796.200 | 61.31 | 42.83 | 104.14 | 122.20 | -18.06 | peak | |
| 3 | 5850.000 | 20.70 | 43.03 | 63.73 | 122.20 | -58.47 | peak | |
| 4 | 5850.000 | 9.78 | 43.03 | 52.81 | 122.20 | -69.39 | AVG | |
| 5 | 5860.000 | 17.55 | 43.06 | 60.61 | 109.40 | -48.79 | peak | |
| 6 | 5860.000 | 7.18 | 43.06 | 50.24 | 109.40 | -59.16 | AVG | |

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

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Tel: (0769)-8318-3000 Fax: (0769)-8319-6000 Post Code: 523792



Site: DG-CB03 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC 15.407(new)Band IV 3M Radiation_PK Power: DC 5V Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3m
 M/N: SWWHD-INTCAM Mode: TX_N40_5795
 Note:

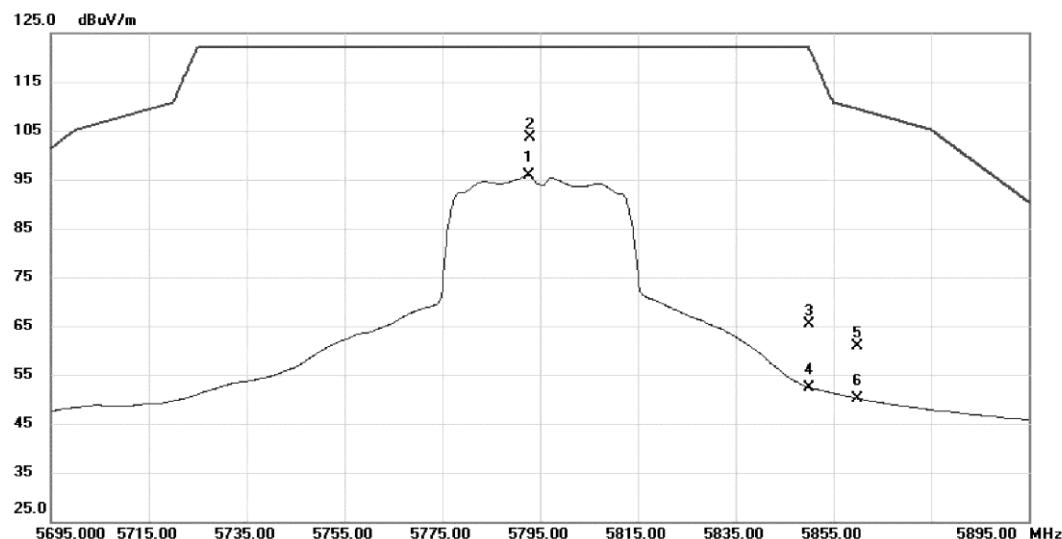
Radiated Emission Measurement

File :FCCP_BANDEDGE

Data :#66

Date: 2016-11-20

Time: 16:56:10



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dB | Margin Detector | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-------------|--------------------|---------|
| 1 | 5792.800 | 53.04 | 42.82 | 95.86 | 122.20 | -26.34 | AVG | |
| 2 * | 5793.000 | 60.91 | 42.82 | 103.73 | 122.20 | -18.47 | peak | |
| 3 | 5850.000 | 22.25 | 43.03 | 65.28 | 122.20 | -56.92 | peak | |
| 4 | 5850.000 | 9.34 | 43.03 | 52.37 | 122.20 | -69.83 | AVG | |
| 5 | 5860.000 | 17.93 | 43.06 | 60.99 | 109.40 | -48.41 | peak | |
| 6 | 5860.000 | 7.16 | 43.06 | 50.22 | 109.40 | -59.18 | AVG | |

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

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Appendix A.11: Radiated Emissions

Battery Charging only

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Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com

Site: DG-CB02

Polarization: **Horizontal**

Temperature: 25 (C)

Limit: FCC Class B 3m Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWWHD-INTCAM

Mode: FULL SYSTEM(Charge)

Note:

Radiated Emission Measurement

File :SW1-RAD-FCC-L

Data :#1

Date: 2016-12-14

Time: 14:02:05



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Detector | Comment |
|-----|-----|----------|---------------|----------------|--------------|-------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | | | |
| 1 | | 68.3150 | 39.49 | -14.72 | 24.77 | 40.00 | -15.23 | QP | |
| 2 | | 88.2000 | 40.23 | -16.34 | 23.89 | 43.50 | -19.61 | QP | |
| 3 * | | 271.5300 | 44.12 | -12.00 | 32.12 | 46.00 | -13.88 | QP | |
| 4 | | 354.9500 | 38.62 | -10.41 | 28.21 | 46.00 | -17.79 | QP | |
| 5 | | 531.9750 | 34.85 | -5.61 | 29.24 | 46.00 | -16.76 | QP | |
| 6 | | 754.1050 | 31.73 | -0.75 | 30.98 | 46.00 | -15.02 | QP | |

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Site: DG-CB02

Polarization: Vertical

Temperature: 25 (C)

Limit: FCC Class B 3m Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3m

M/N: SWWHD-INTCAM

Mode: FULL SYSTEM(Charge)

Note:

Radiated Emission Measurement

File :SW1-RAD-FCC-L

Data #2

Date: 2016-12-14

Time: 14:04:23



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Detector | Comment |
|-----|-----|----------|---------------|----------------|--------------|-------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dB | | | |
| 1 | | 54.2500 | 45.86 | -12.25 | 33.61 | 40.00 | -6.39 | QP | |
| 2 | * | 68.3150 | 49.72 | -14.72 | 35.00 | 40.00 | -5.00 | QP | |
| 3 | ! | 87.7150 | 51.19 | -16.32 | 34.87 | 40.00 | -5.13 | QP | |
| 4 | | 145.4300 | 43.96 | -11.90 | 32.06 | 43.50 | -11.44 | QP | |
| 5 | | 189.5650 | 45.92 | -13.15 | 32.77 | 43.50 | -10.73 | QP | |
| 6 | | 272.9850 | 47.10 | -11.96 | 35.14 | 46.00 | -10.86 | QP | |

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

⟨Reference Only⟩

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 Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
www.newbtl.com



Site: DG-CB02

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC above 1G ClassB 3m Radiation(peak)

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Swann Wireless HD Smart Security Camera

Distance: 3M

M/N: SWWHD-INTCAM

Mode: FULL SYSTEM(Charge)

Note:

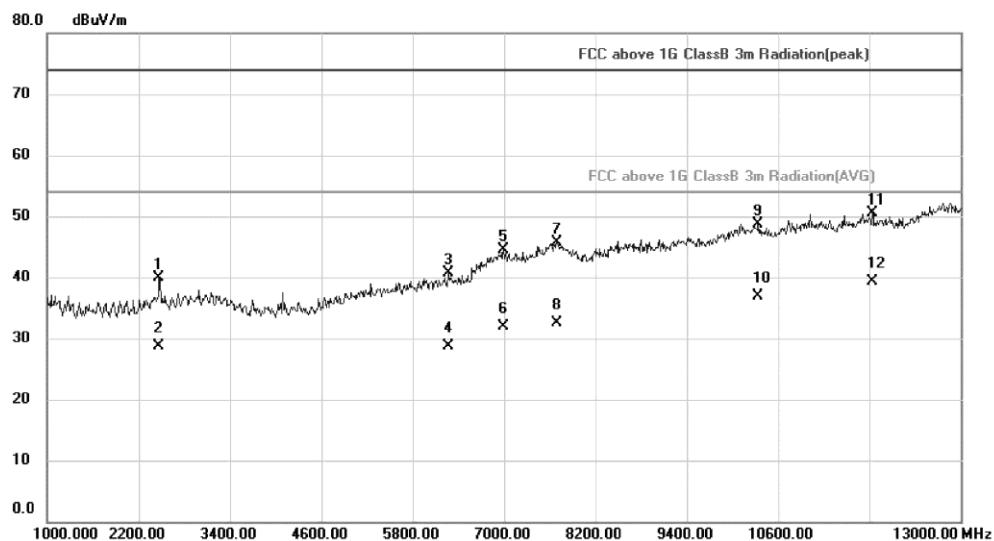
Radiated Emission Measurement

File :SW1-RAD-FCC-H

Data #:1

Date: 2016-12-14

Time: 14:29:59



| No. | Mk. | Freq. MHz | Reading | Correct | Measure- | Limit dB | Margin | Detector | Comment |
|-----|------------|--------------|---------------|--------------|----------------|-------------|--------|----------|---------|
| | | | Level dBuV | Factor dB | ment dBuV/m | | | | |
| 1 | 2470.000 | 39.99 | 0.01 | 40.00 | 74.00 | -34.00 | peak | | |
| 2 | 2470.000 | 28.67 | 0.01 | 28.68 | 54.00 | -25.32 | AVG | | |
| 3 | 6268.000 | 31.57 | 9.11 | 40.68 | 74.00 | -33.32 | peak | | |
| 4 | 6268.000 | 19.63 | 9.11 | 28.74 | 54.00 | -25.26 | AVG | | |
| 5 | 6988.000 | 33.05 | 11.38 | 44.43 | 74.00 | -29.57 | peak | | |
| 6 | 6988.000 | 20.60 | 11.38 | 31.98 | 54.00 | -22.02 | AVG | | |
| 7 | 7702.000 | 33.04 | 12.59 | 45.63 | 74.00 | -28.37 | peak | | |
| 8 | 7702.000 | 19.88 | 12.59 | 32.47 | 54.00 | -21.53 | AVG | | |
| 9 | 10336.00 | 32.47 | 16.31 | 48.78 | 74.00 | -25.22 | peak | | |
| 10 | 10336.00 | 20.67 | 16.31 | 36.98 | 54.00 | -17.02 | AVG | | |
| 11 | 11836.00 | 32.86 | 17.64 | 50.50 | 74.00 | -23.50 | peak | | |
| 12 | * 11836.00 | 21.69 | 17.64 | 39.33 | 54.00 | -14.67 | AVG | | |

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

<Reference Only>



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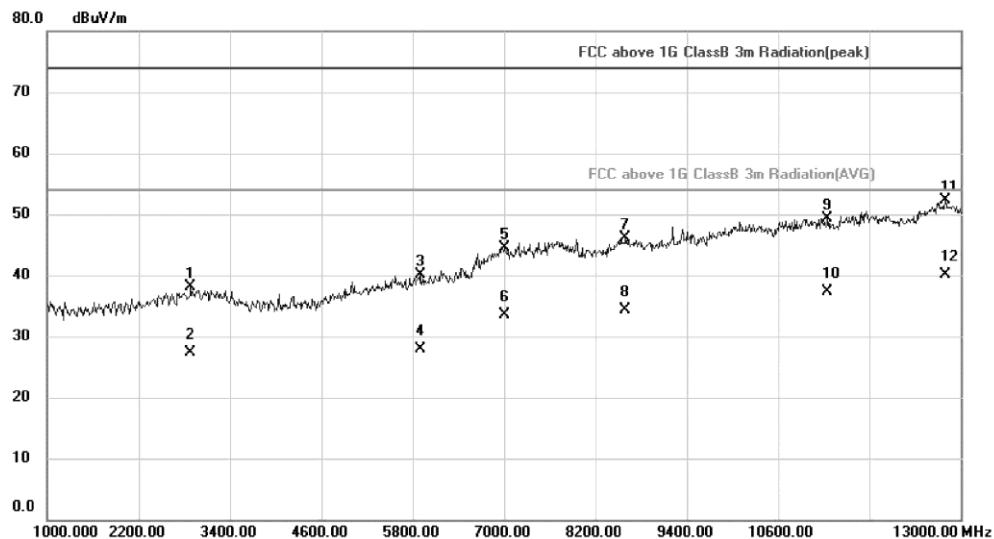
No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.
Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792
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Site: DG-CB02 Polarization: **Horizontal** Temperature: 25 (C)
 Limit: FCC above 1G ClassB 3m Radiation(peak) Power: AC 120V/60Hz Humidity: 60 %
 EUT: Swann Wireless HD Smart Security Camera Distance: 3M
 M/N: SWWHD-INTCAM Mode: FULL SYSTEM(Charge)
 Note:

Radiated Emission Measurement

File :SW1-RAD-FCC-H Data #:2 Date: 2016-12-14 Time: 14:31:45



| No. | Mk. | Freq. MHz | Reading | Correct | Measure- | Limit | Margin | Comment |
|------|----------|--------------|---------------|--------------|----------------|--------|--------|---------|
| | | | Level dBuV | Factor dB | ment dBuV/m | | | |
| 1 | 2884.000 | 36.26 | 1.88 | 38.14 | 74.00 | -35.86 | peak | |
| 2 | 2884.000 | 25.44 | 1.88 | 27.32 | 54.00 | -26.68 | AVG | |
| 3 | 5896.000 | 31.66 | 8.37 | 40.03 | 74.00 | -33.97 | peak | |
| 4 | 5896.000 | 19.46 | 8.37 | 27.83 | 54.00 | -26.17 | AVG | |
| 5 | 7012.000 | 33.11 | 11.45 | 44.56 | 74.00 | -29.44 | peak | |
| 6 | 7012.000 | 22.13 | 11.45 | 33.58 | 54.00 | -20.42 | AVG | |
| 7 | 8596.000 | 32.46 | 13.61 | 46.07 | 74.00 | -27.93 | peak | |
| 8 | 8596.000 | 20.68 | 13.61 | 34.29 | 54.00 | -19.71 | AVG | |
| 9 | 11248.00 | 31.72 | 17.54 | 49.26 | 74.00 | -24.74 | peak | |
| 10 | 11248.00 | 19.68 | 17.54 | 37.22 | 54.00 | -16.78 | AVG | |
| 11 | 12802.00 | 33.68 | 18.53 | 52.21 | 74.00 | -21.79 | peak | |
| 12 * | 12802.00 | 21.63 | 18.53 | 40.16 | 54.00 | -13.84 | AVG | |

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

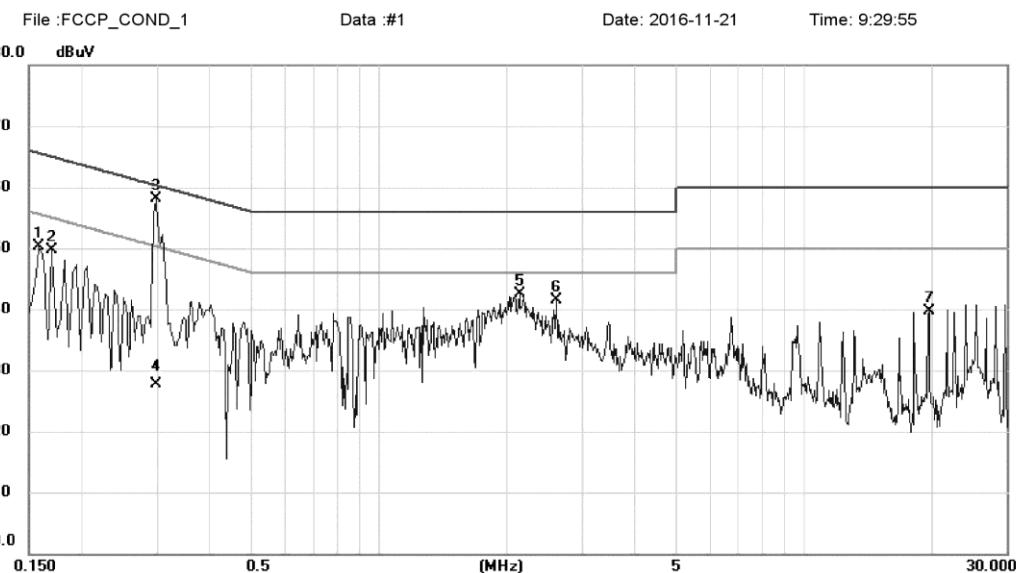
(Reference Only)

Appendix A.12: Conducted Emissions

Wi-Fi operation with Battery Charging

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Site: DG-C02 Phase: L1 Temperature: 25 (C)
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 53 %
 EUT: Swann Wireless HD Smart Security Camera Distance:
 M/N: SWWHD-INTCAM Mode: TX
 Note:

Conducted Emission Measurement

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dB | Margin Detector | Comment |
|-----|---------|--------------|--------------------------|-------------------------|--------------------------|-------------|--------------------|---------|
| 1 | 0.1580 | 40.81 | 9.52 | 50.33 | 65.57 | -15.24 | peak | |
| 2 | 0.1700 | 40.21 | 9.52 | 49.73 | 64.96 | -15.23 | peak | |
| 3 * | 0.2980 | 48.63 | 9.53 | 58.16 | 60.30 | -2.14 | peak | |
| 4 | 0.2980 | 18.13 | 9.53 | 27.66 | 50.30 | -22.64 | AVG | |
| 5 | 2.1380 | 32.62 | 9.95 | 42.57 | 56.00 | -13.43 | peak | |
| 6 | 2.6100 | 31.41 | 10.09 | 41.50 | 56.00 | -14.50 | peak | |
| 7 | 19.6420 | 29.37 | 10.40 | 39.77 | 60.00 | -20.23 | peak | |

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

<Reference Only>

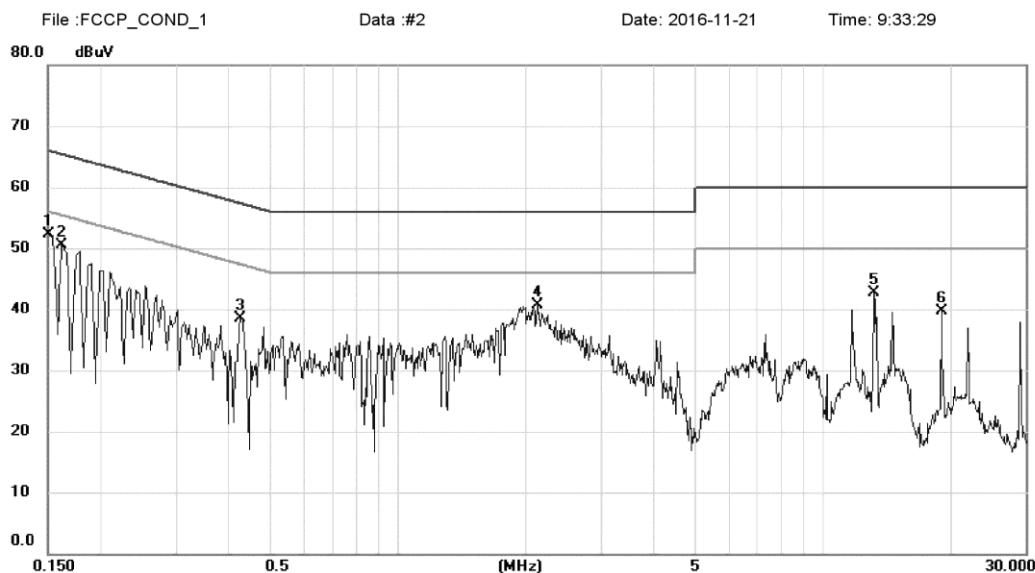
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www.newbtl.com


Site: DG-C02 Phase: **N** Temperature: 25 (C)
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 53 %
 EUT: Swann Wireless HD Smart Security Camera Distance:
 M/N: SWVHD-INTCAM Mode: TX
 Note:

Conducted Emission Measurement

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | |
|-----|-----|---------|---------------|----------------|--------------|-------|----------|---------|
| | | MHz | dBuV | dB | dBuV | dB | Detector | Comment |
| 1 | * | 0.1500 | 42.72 | 9.52 | 52.24 | 66.00 | -13.76 | peak |
| 2 | | 0.1620 | 40.98 | 9.46 | 50.44 | 65.36 | -14.92 | peak |
| 3 | | 0.4260 | 29.15 | 9.44 | 38.59 | 57.33 | -18.74 | peak |
| 4 | | 2.1260 | 31.01 | 9.72 | 40.73 | 56.00 | -15.27 | peak |
| 5 | | 13.1740 | 32.46 | 10.34 | 42.80 | 60.00 | -17.20 | peak |
| 6 | | 18.9780 | 29.19 | 10.47 | 39.66 | 60.00 | -20.34 | peak |

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

<Reference Only>

Appendix B

Test Results of RF Exposure

APPENDIX B.1: RF EXPOSURE COMPLIANCE 2

Appendix B.1: RF Exposure Compliance

Radio Frequency Exposure Compliance

RESULT:

Pass

Test standard : FCC 1.1310
FCC KDB publication 447498 D01 v06

This device is mobile device, and the applicant declares that the minimum separation distance is greater than 20cm. Therefore MPE measurement or computational modeling should be used to determine compliance.

MPE Calculation

According to the formula

$$Pd = \frac{Pout * G}{4R^2\pi}$$

Where

Pd = power density in mW/cm² or W/m²

Pout = output power to antenna in mW or W

G = Antenna gain in numeric

π = 3.14159

R = Distance between observation point and the center of radiator in cm or m

In here

Pout = 17.39dBm = 54.83mW

G = 3dBi = 2.0 (numeric)

R = 20cm

For Wi-Fi operation:

$$Pd = \frac{Pout * G}{4R^2\pi} = \frac{54.83 * 2.0}{4 * 20^2 * 3.14159} = 0.0218mW/cm^2 < 1mW/cm^2 \text{ for FCC limit}$$

The summed maximum permissible exposure (MPE) level is 0.0218mW/cm². It is less than MPE limit 1mW/cm² for FCC, therefore the device compliance with MPE limit.