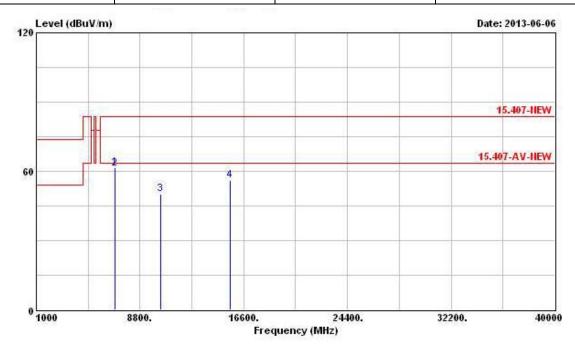
| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5190 | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | |



| | Freq | Level | 18 THE R. P. LEWIS CO., LANSING | Limit Line | Limit ReadA Line Level | | Cable Loss | | | Ant Pos | Table Pos |
|---|------------|--------|---------------------------------|---------------|---------------------------|-------|---------------|-------|--|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | 3 , | cm | deg |
| 1 | 6900.000 | 61.66 | -21.88 | 83.54 | 55.75 | 35.28 | 5.69 | 35.06 | Peak | | |
| 2 | @ 6900.000 | 61.15 | -2.39 | 63.54 | 55.24 | 35.28 | 5.69 | 35.06 | Average | | |
| 3 | 10380.000 | 49.95 | -13.59 | 63.54 | 41.29 | 37.53 | 6.43 | 35.30 | PK | | |
| 4 | 15570.000 | 55.89 | -7.65 | 63.54 | 42.55 | 40.47 | 8.00 | 35.13 | PK | | 2000 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

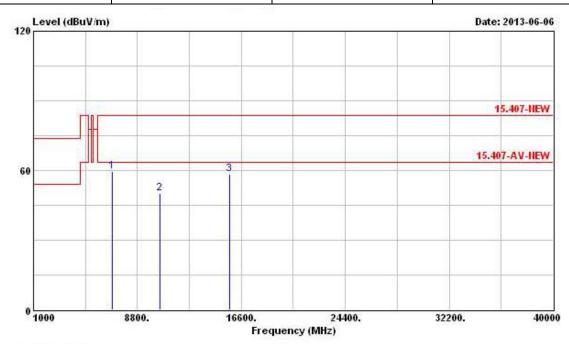
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|---|--------------|---|--|--|--|--|--|
| Modulation Mode HT40 Test Freq. (MHz) 5230 | | | | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | |



| | | Freq | Level | Over Limit | | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|--------------|-------|--------|---------------|--------|-------|-------------------|------|-------|--------|------------|--------------|
| | 1 | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | t e | cm. | deg |
| 1 | @ 6948 | 3.000 | 59.77 | -3.77 | 63.54 | 53.86 | 35.29 | 5.70 | 35.08 | PK | | |
| 2 | 10460 | 0.000 | 50.09 | -13.45 | 63.54 | 41.26 | 37.57 | 6.50 | 35.24 | PK | | |
| 3 | @15690 | 0.000 | 58.29 | -5.25 | 63.54 | 44.85 | 40.59 | 8.11 | 35.26 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

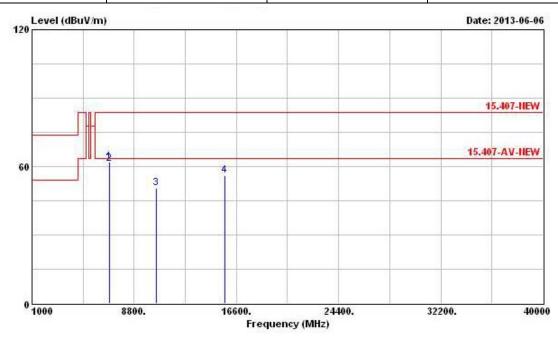
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5230 | | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | | |



| | | | | 0ver | | | | | Preamp | B | Ant | Table |
|---|----------|-------|--------|--------|--------|-------|--------|------|--------|---------|------|-------|
| | | Freq | Level | Limit | Line | rever | Factor | Loss | Factor | Remark | Pos | Pos |
| | <u> </u> | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | cm | deg |
| 1 | 6948 | . 000 | 61.90 | -21.64 | 83.54 | 55.99 | 35.29 | 5.70 | 35.08 | Peak | 7.77 | |
| 2 | @ 6948 | .000 | 61.05 | -2.49 | 63.54 | 55.14 | 35.29 | 5.70 | 35.08 | Average | | |
| 3 | 10460 | .000 | 50.48 | -13.06 | 63.54 | 41.65 | 37.57 | 6.50 | 35.24 | PK | | |
| 4 | 15690 | .000 | 56.02 | -7.52 | 63.54 | 42.58 | 40.59 | 8.11 | 35.26 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

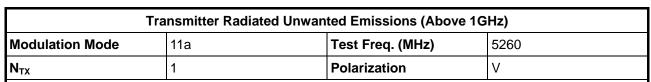
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

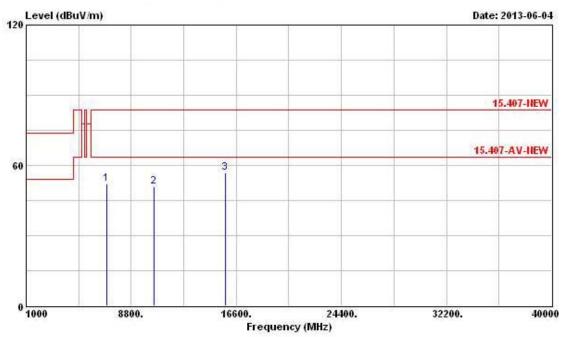
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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3.7.8 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5250-5350MHz

Report No.: FR322147AN





| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|--------|--------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dВ | dB | | cm. | deg |
| 1 | 6996.000 | 52.21 | -11.33 | 63.54 | 46.30 | 35.30 | 5.70 | 35.09 | PK | | 200 |
| 2 | 10520.000 | 50.95 | -12.59 | 63.54 | 42.00 | 37.61 | 6.54 | 35.20 | PK | | |
| 3 | 15780.000 | 56.85 | -6.69 | 63.54 | 43.35 | 40.68 | 8.18 | 35.36 | PK | | 222 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

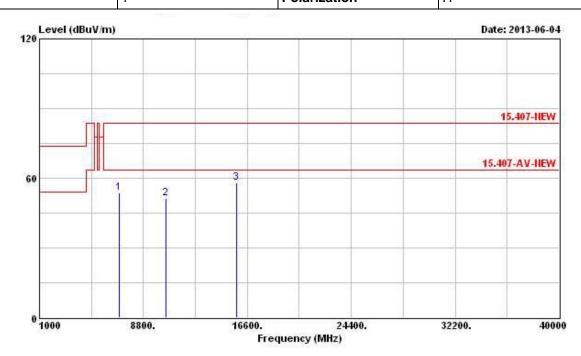
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Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode 11a Test Freq. (MHz) 5260

N_{TX} 1 Polarization H

Report No.: FR322147AN



| | 1 | | 0ver | Limit | Read | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|--------|--------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dВ | - dB | | cm. | deg |
| 1 | 6996.000 | 53.68 | -9.86 | 63.54 | 47.77 | 35.30 | 5.70 | 35.09 | PK | | 777 |
| 2 | 10520.000 | 51.44 | -12.10 | 63.54 | 42.49 | 37.61 | 6.54 | 35.20 | PK | | |
| 3 | 15780.000 | 57.89 | -5.65 | 63.54 | 44.39 | 40.68 | 8.18 | 35.36 | PK | | |

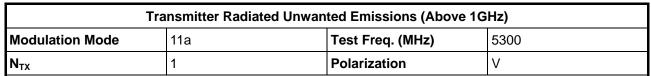
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

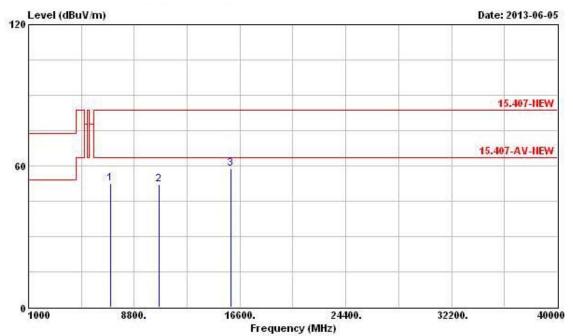
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | | I Level | Over Limit | | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|------------|---------|---------------|--------|-------|-------------------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | cm. | deg |
| 1 | 7044.000 | 52.44 | -11.10 | 63.54 | 46.54 | 35.30 | 5.70 | 35.10 | PK | | |
| 2 | 10600.000 | 52.04 | -11.50 | 63.54 | 43.00 | 37.66 | 6.52 | 35.14 | PK | | |
| 3 | @15900.000 | 58.80 | -4.74 | 63.54 | 45.17 | 40.80 | 8.29 | 35.46 | PK | | 222 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

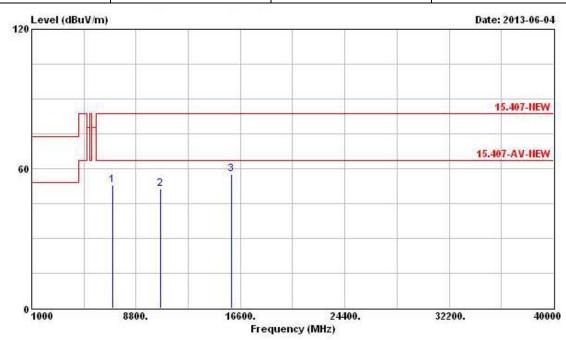
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|---|--------------|---|--|--|--|--|--|
| Modulation Mode 11a Test Freq. (MHz) 5300 | | | | | | | | |
| N_{TX} | 1 | Polarization | Н | | | | | |



| | Freq | Freq | Freq | Freq | Freq | Freq | Freq | Freq | | Level | Over Limit | | | Antenna Factor | | | | Ant Pos | Table Pos |
|---|-----------|--------|--------|--------|-------|-------|------|-------|----|-------|---------------|--|--|-------------------|--|--|--|------------|--------------|
| | MKz | dBuV/m | dB | dBuV/m | dBuV | dB/m | дв | - dB | - | cm. | deg | | | | | | | | |
| 1 | 7044.000 | 52.75 | -10.79 | 63.54 | 46.85 | 35.30 | 5.70 | 35.10 | PK | | | | | | | | | | |
| 2 | 10600.000 | 51.12 | -12.42 | 63.54 | 42.08 | 37.66 | 6.52 | 35.14 | PK | | | | | | | | | | |
| 3 | 15900.000 | 57.49 | -6.05 | 63.54 | 43.86 | 40.80 | 8.29 | 35.46 | PK | | | | | | | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

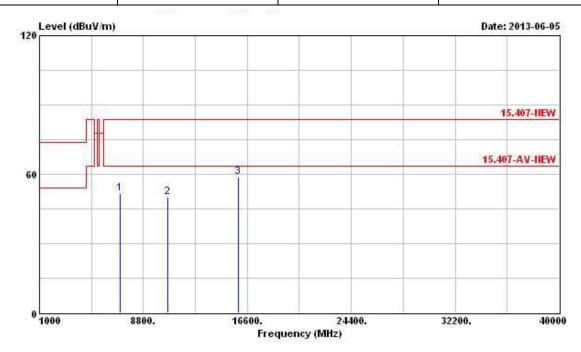
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|-----|------------------|------|--|--|--|--|--|
| Modulation Mode | 11a | Test Freq. (MHz) | 5320 | | | | | |
| N _{TX} | 1 | Polarization | V | | | | | |



| | | Freq | Level | Over Limit | | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|-------|-------|--------|---------------|-------------|-------|-------------------|------|-------|--------|------------|--------------|
| | MKz | | dBuV/m | IBuV/m dB | dBuV/m dBuV | dB/m | dВ | - дв | - | cm. | deg | |
| 1 | 708 | 0.000 | 51.80 | -11.74 | 63.54 | 45.91 | 35.30 | 5.70 | 35.11 | PK | 5.55 | |
| 2 | 1064 | 0.000 | 50.10 | -13.44 | 63.54 | 41.01 | 37.68 | 6.51 | 35.10 | PK | 1000 | |
| 3 | @1596 | 0.000 | 58.72 | -4.82 | 63.54 | 45.01 | 40.87 | 8.37 | 35.53 | PK | | 2000 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

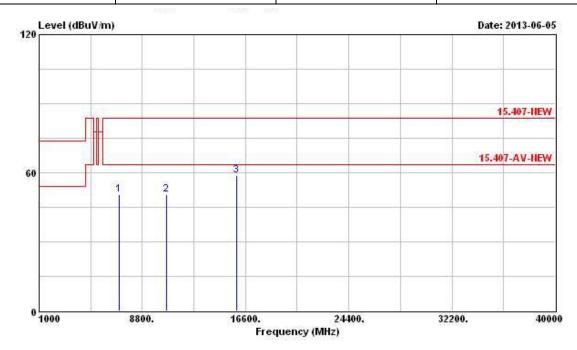
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|-----|------------------|------|--|--|--|--|--|--|
| Modulation Mode | 11a | Test Freq. (MHz) | 5320 | | | | | | |
| N _{TX} | 1 | Polarization | Н | | | | | | |



| | Freq | Level | Over Limit | 68548 | | Antenna Factor | | 200 THE R. | Remark | Ant Pos | Table Pos |
|---|------------|--------|---------------|-------------|-------|-------------------|------------|------------|--------|------------|--------------|
| | | dBuV/m | dBuV/m dB | dBuV/m dBuV | dB/m | dB dB | д В | cm. | deg | | |
| 1 | 7080.000 | 50.54 | -13.00 | 63.54 | 44.65 | 35.30 | 5.70 | 35.11 | PK | 555 | - |
| 2 | 10640.000 | 50.72 | -12.82 | 63.54 | 41.63 | 37.68 | 6.51 | 35.10 | PK | 1000 | |
| 3 | @15960.000 | 59.01 | -4.53 | 63.54 | 45.30 | 40.87 | 8.37 | 35.53 | PK | | - |
| | | | | | | | | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

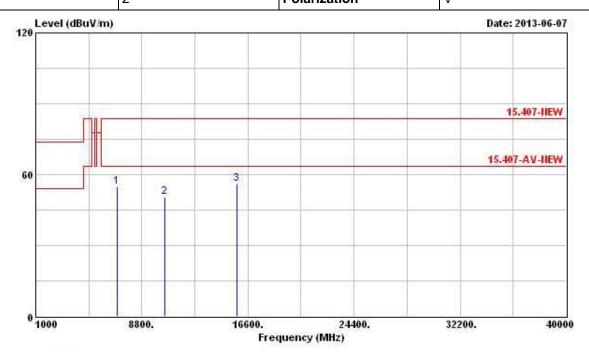
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Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT20 Test Freq. (MHz) 5260

N_{TX} 2 Polarization V

Report No.: FR322147AN



| | | eq Level l | Level Limit | r Limit ReadA t Line Level dBuV/m dBuV | | | | | | Ant Pos | Table Pos |
|---|-----------|------------|-------------|--|-------|-------|------|-------|-----|------------|--------------|
| | | | | | dB/m | dB | - dB | - | cm. | deg | |
| 1 | 6996.000 | 54.89 | -8.65 | 63.54 | 48.98 | 35.30 | 5.70 | 35.09 | PK | | |
| 2 | 10520.000 | 50.35 | -13.19 | 63.54 | 41.40 | 37.61 | 6.54 | 35.20 | PK | | |
| 3 | 15780.000 | 56.02 | -7.52 | 63.54 | 42.52 | 40.68 | 8.18 | 35.36 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

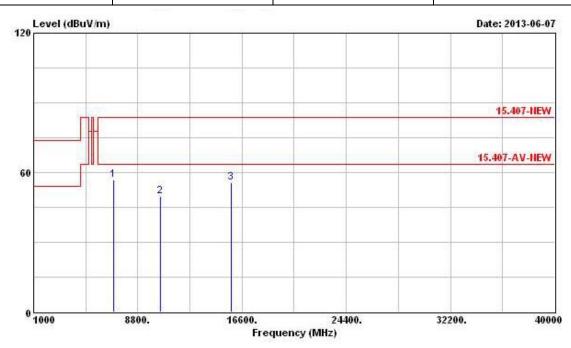
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5260 | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | |



| | | Level | Over Limit | | | Antenna Factor | | | | Ant Pos | Table Pos |
|---|-----------|-------|---------------|-------------|-------|-------------------|------|-------|-----|------------|--------------|
| | | | BuV/m dB | dBuV/m dBuV | dB/m | dB | dB | - | cm. | deg | |
| 1 | 6996.000 | 56.67 | -6.87 | 63.54 | 50.76 | 35.30 | 5.70 | 35.09 | PK | | |
| 2 | 10520.000 | 49.59 | -13.95 | 63.54 | 40.64 | 37.61 | 6.54 | 35.20 | PK | | |
| 3 | 15780.000 | 55.49 | -8.05 | 63.54 | 41.99 | 40.68 | 8.18 | 35.36 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

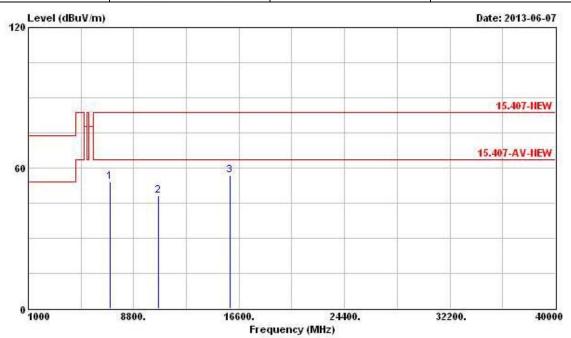
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FCC Test Report

| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5300 | | | | | | |
| N _{TX} | 2 | Polarization | V | | | | | | |

Report No.: FR322147AN



| | 9 | | | | | | | 12 10 | \$46.00 cm | Table | |
|-----------|------------------------------|---|--|-----------------------------|---|--|---|---|--|--|-----|
| - | MHz dBuV/m | rred reser r | reaer rumr | Line | rever | Factor | Loss | Factor | Remark | Pos | Pos |
| | | ıV/m dB | dBuV/m dBu | dBuV | dB/m | dB | dB | | cm | deg | |
| 7044.000 | 54.04 | -9.50 | 63.54 | 48.14 | 35.30 | 5.70 | 35.10 | PK | | 1000 | |
| 10600.000 | 48.12 | -15.42 | 63.54 | 39.08 | 37.66 | 6.52 | 35.14 | PK | | | |
| 15900.000 | 57.01 | -6.53 | 63.54 | 43.38 | 40.80 | 8.29 | 35.46 | PK | | | |
| | MHz 7044.000 10600.000 | MHz dBuV/m 7044.000 54.04 10600.000 48.12 | Freq Level Limit MHz dBuV/m dB 7044.000 54.04 -9.50 10600.000 48.12 -15.42 | Freq Level Limit Line | Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV/m 7044.000 54.04 -9.50 63.54 48.14 10600.000 48.12 -15.42 63.54 39.08 | Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m 7044.000 54.04 -9.50 63.54 48.14 35.30 | Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 7044.000 54.04 -9.50 63.54 48.14 35.30 5.70 10600.000 48.12 -15.42 63.54 39.08 37.66 6.52 | Freq Level Limit Line Level Factor Loss Factor MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 7044.000 54.04 -9.50 63.54 48.14 35.30 5.70 35.10 10600.000 48.12 -15.42 63.54 39.08 37.66 6.52 35.14 | Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 7044.000 54.04 -9.50 63.54 48.14 35.30 5.70 35.10 PK 10600.000 48.12 -15.42 63.54 39.08 37.66 6.52 35.14 PK | Freq Level Limit Line Level Factor Loss Factor Remark Pos MHz dBuV/m dB dBuV/m dB dB/m dB dB cm 7044.000 54.04 -9.50 63.54 48.14 35.30 5.70 35.10 PK 10600.000 48.12 -15.42 63.54 39.08 37.66 6.52 35.14 PK | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

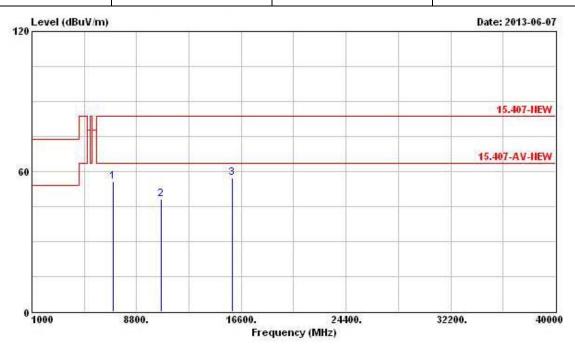
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | Transmitter Radi | ated Unwanted Emissions (Above | e 1GHz) | |
|-----------------|------------------|--------------------------------|---------|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5300 | |
| N _{TX} | 2 | Polarization | Н | |



| | Freq | Freq | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|-----------|----------------|-------------|---------|---------------|-------|------|-------|-----|--------|------------|--------------|
| | | z dBuV/m dB dI | dBuV/m dBuV | dB/m di | dB | dB dB | В | cm. | deg | | | |
| 1 | 7044.000 | 55.73 | -7.81 | 63.54 | 49.83 | 35.30 | 5.70 | 35.10 | PK | | | |
| 2 | 10600.000 | 48.11 | -15.43 | 63.54 | 39.07 | 37.66 | 6.52 | 35.14 | PK | | | |
| 3 | 15900.000 | 57.07 | -6.47 | 63.54 | 43.44 | 40.80 | 8.29 | 35.46 | PK | | 222 | |
| | | | | | | | | | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

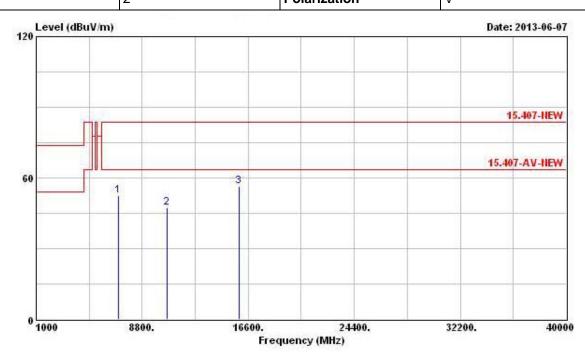
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Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT20 Test Freq. (MHz) 5320

N_{TX} 2 Polarization V

Report No.: FR322147AN



| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|--------|--------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | m dB | dBuV/m | dBuV | dB/m | dB | B dB | | cm. | deg |
| 1 | 7080.000 | 52.39 | -11.15 | 63.54 | 46.50 | 35.30 | 5.70 | 35.11 | PK | | |
| 2 | 10640.000 | 47.18 | -16.36 | 63.54 | 38.09 | 37.68 | 6.51 | 35.10 | PK | | |
| 3 | 15960.000 | 56.60 | -6.94 | 63.54 | 42.89 | 40.87 | 8.37 | 35.53 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

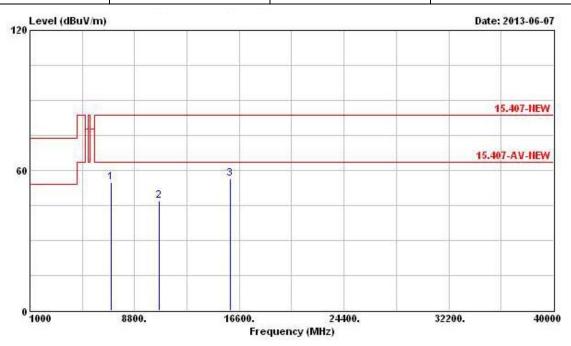
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FCC Test Report

| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5320 | | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | | |

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| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|-----------|--------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | rel Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dВ | - dB | | cm. | deg |
| 1 | 7080.000 | 54.91 | -8.63 | 63.54 | 49.02 | 35.30 | 5.70 | 35.11 | PK | | |
| 2 | 10640.000 | 46.89 | -16.65 | 63.54 | 37.80 | 37.68 | 6.51 | 35.10 | PK | | |
| 3 | 15960.000 | 56.34 | -7.20 | 63.54 | 42.63 | 40.87 | 8.37 | 35.53 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

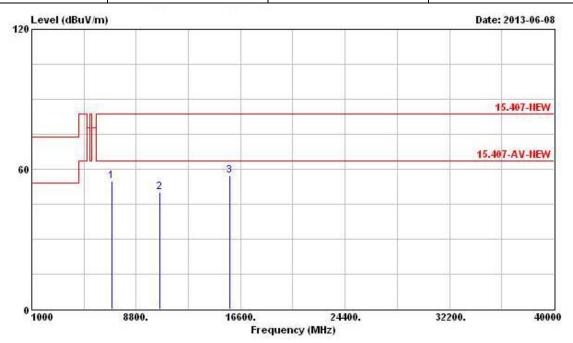
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FCC Test Report

| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5270 | | | | | | | | |
| N _{TX} | 2 | Polarization | V | | | | | | | | |

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| | | Freq | Freq | Freq | Freq | Freq | Level | Over Limit | | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|-----------|--------------------|--------|--------------|-------|-------|-------|---------------|-----|--|-------------------|--|--|--------|------------|--------------|
| | | MHz dBuV/m dB dBuV | dBuV/m | /m dBuV dB/m | dB d | dB | dB | - cm | deg | | | | | | | |
| 1 | 6996.000 | 54.75 | -8.79 | 63.54 | 48.84 | 35.30 | 5.70 | 35.09 | PK | | | | | | | |
| 2 | 10540.000 | 49.99 | -13.55 | 63.54 | 41.02 | 37.62 | 6.53 | 35.18 | PK | | | | | | | |
| 3 | 15810.000 | 57.10 | -6.44 | 63.54 | 43.55 | 40.71 | 8.22 | 35.38 | PK | | | | | | | |
| | | | | | | | | | | | | | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

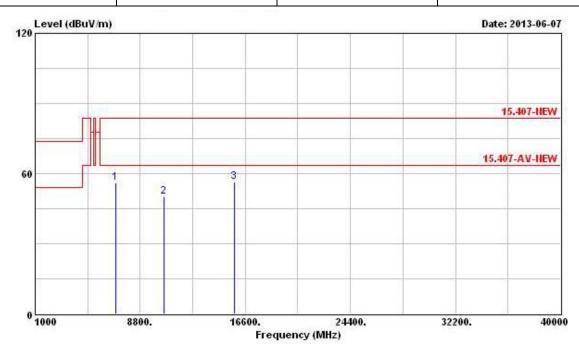
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5270 | | | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | | | |



| | | | 0ver | Limit | Read | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|-----------|-----------|-------------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | Mz dBuV/m | dBuV/m dB | dBuV/m dBuV | dB/m | dB | dB | t . | cm. | deg | |
| 1 | 6996.000 | 56.05 | -7.49 | 63.54 | 50.14 | 35.30 | 5.70 | 35.09 | PK | | |
| 2 | 10540.000 | 49.98 | -13.56 | 63.54 | 41.01 | 37.62 | 6.53 | 35.18 | PK | | |
| 3 | 15810.000 | 56.60 | -6.94 | 63.54 | 43.05 | 40.71 | 8.22 | 35.38 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

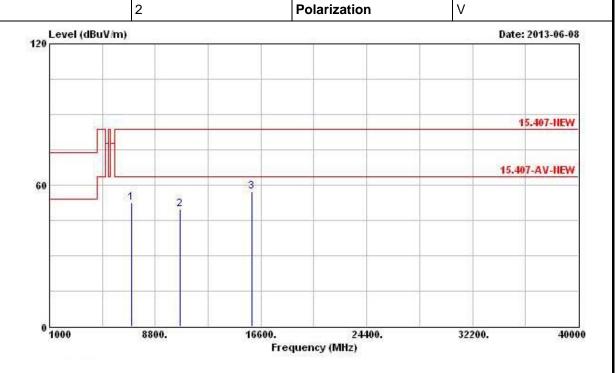
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 N_{TX}

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT40 Test Freq. (MHz) 5310

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| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|--------|--------|-------------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m dBuV | dB/m d | dB dB | | cm. | deg | |
| 1 | 7080.000 | 52.44 | -11.10 | 63.54 | 46.55 | 35.30 | 5.70 | 35.11 | PK | | 000 |
| 2 | 10620.000 | 49.90 | -13.64 | 63.54 | 40.84 | 37.67 | 6.51 | 35.12 | PK | | |
| 3 | 15930.000 | 57.09 | -6.45 | 63.54 | 43.41 | 40.83 | 8.33 | 35.48 | PK | | |
| | | | | | | | | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

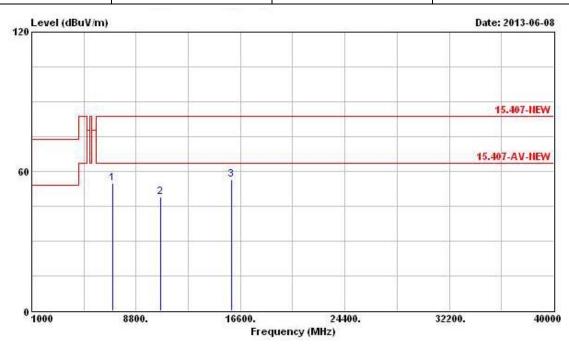
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FCC Test Report

| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5310 | | | | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | | | | |

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| | | | | | | Antenna Cable Factor Loss | Factor | Remark | Ant Pos | Table Pos | |
|---|-----------|--------|----------|-------------|-------|------------------------------|--------|--------|------------|--------------|--|
| | | dBuV/m | BuV/m dB | dBuV/m dBuV | dB/m | dB | | | cm. | deg | |
| 1 | 7080.000 | 54.77 | -8.77 | 63.54 | 48.88 | 35.30 | 5.70 | 35.11 | PK | | |
| 2 | 10620.000 | 48.91 | -14.63 | 63.54 | 39.85 | 37.67 | 6.51 | 35.12 | PK | | |
| 3 | 15930.000 | 56.30 | -7.24 | 63.54 | 42.62 | 40.83 | 8.33 | 35.48 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

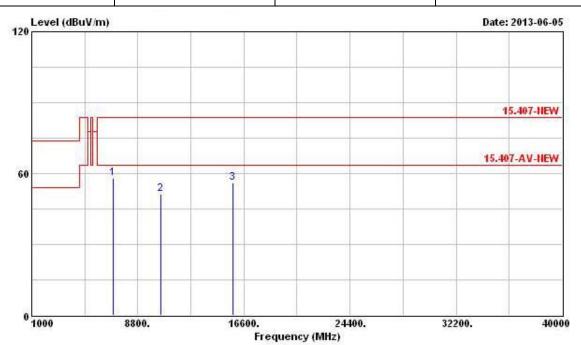
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5260 | | | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | | | |



| | | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|------------|--------|------------|---------------|-------|-------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | BuV/m dB d | dBuV/m dBuV | dB/m | dB | dB | | - cm | deg | |
| 1 | @ 6996.000 | 58.03 | -5.51 | 63.54 | 52.12 | 35.30 | 5.70 | 35.09 | PK | | |
| 2 | 10520.000 | 51.25 | -12.29 | 63.54 | 42.30 | 37.61 | 6.54 | 35.20 | PK | | |
| 3 | 15780.000 | 56.09 | -7.45 | 63.54 | 42.59 | 40.68 | 8.18 | 35.36 | PK | | 2222 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

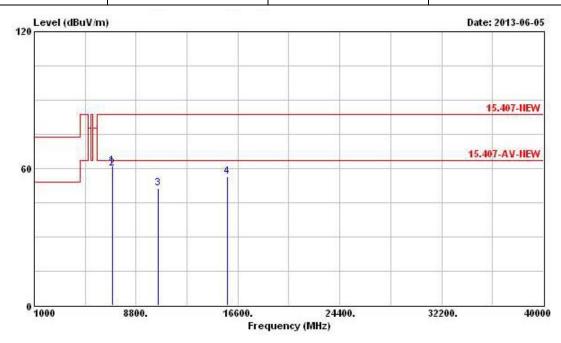
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5260 | | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | | |



| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|------------|--------|----------|--------|-------|---------|-------|--------|---------|-----|-------|
| | Freq | Level | el Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | МН | dBuV/m | dB | dBuV/m | dBuV | dB/m | ав | dВ | t e | cm | deg |
| 1 | 6996.000 | 61.38 | -22.16 | 83.54 | 55.47 | 35.30 | 5.70 | 35.09 | Peak | | |
| 2 | @ 6996.000 | 60.03 | -3.51 | 63.54 | 54.12 | 35.30 | 5.70 | 35.09 | Average | | |
| 3 | 10520.000 | 51.41 | -12.13 | 63.54 | 42.46 | 37.61 | 6.54 | 35.20 | PK | | |
| 4 | 15780.000 | 56.43 | -7.11 | 63.54 | 42.93 | 40.68 | 8.18 | 35.36 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

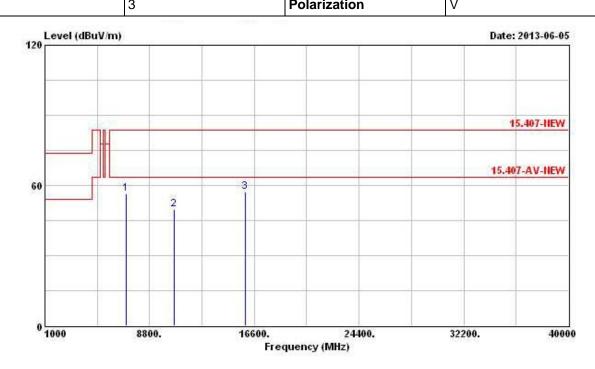
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | Transmitter Radiated U | 1GHz) | |
|-----------------|------------------------|------------------|------|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5300 |
| N _{TX} | 3 | Polarization | V |



| | | Freq | Freq | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|-----------|--------|--------|--------|-------|---------------|------|-------|----|--|--------|------------|--------------|
| | | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | 8) | | deg | | |
| 1 | 7044.000 | 56.28 | -7.26 | 63.54 | 50.38 | 35.30 | 5.70 | 35.10 | PK | | | | |
| 2 | 10600.000 | 49.67 | -13.87 | 63.54 | 40.63 | 37.66 | 6.52 | 35.14 | PK | | | | |
| 3 | 15900.000 | 57.40 | -6.14 | 63.54 | 43.77 | 40.80 | 8.29 | 35.46 | PK | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

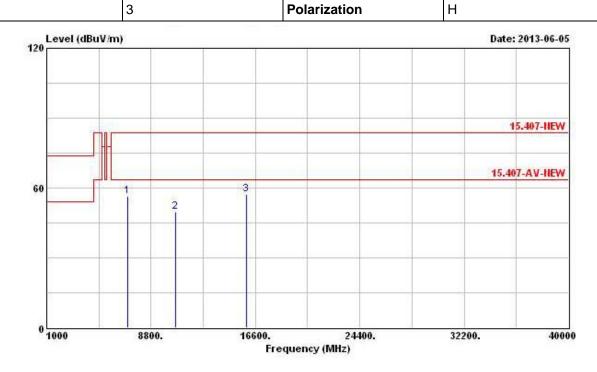
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 N_{TX}

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT20 Test Freq. (MHz) 5300

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| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|----------|------------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | BuV/m dB | dBuV/m dBu | dBuV | dB/m | dB | dB | 00 | | deg |
| 1 | 7044.000 | 56.28 | -7.26 | 63.54 | 50.38 | 35.30 | 5.70 | 35.10 | PK | | |
| 2 | 10600.000 | 49.67 | -13.87 | 63.54 | 40.63 | 37.66 | 6.52 | 35.14 | PK | | |
| 3 | 15900.000 | 57.40 | -6.14 | 63.54 | 43.77 | 40.80 | 8.29 | 35.46 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

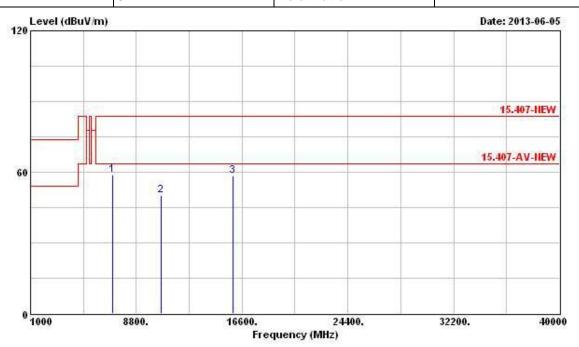
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | Transmitter Rad | liated Unwanted Emissions (Above | 1GHz) |
|-----------------|-----------------|----------------------------------|-------|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5320 |
| N _{TX} | 3 | Polarization | V |



| Fı | Freq | Level | Over Limit | | | Antenna Factor | | 250 Ed. 60 | Remark | Ant Pos | Table Pos |
|------------|------|----------|---------------|-----------|----------|-------------------|-------|------------|---------------|------------|--------------|
| 1 | MZ | z dBuV/m | dB | dB dBuV/m | dBuV dB/ | dB/m | /m dB | dB | ž | | deg |
| 1 @ 7080.0 | 000 | 58.90 | -4.64 | 63.54 | 53.01 | 35.30 | 5.70 | 35.11 | PK | 57.050 | 1000 |
| 2 10640. | 000 | 50.23 | -13.31 | 63.54 | 41.14 | 37.68 | 6.51 | 35.10 | PK | 10000 | |
| 3 @15960.0 | 000 | 58.33 | -5.21 | 63.54 | 44.62 | 40.87 | 8.37 | 35.53 | PK | | 2000 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

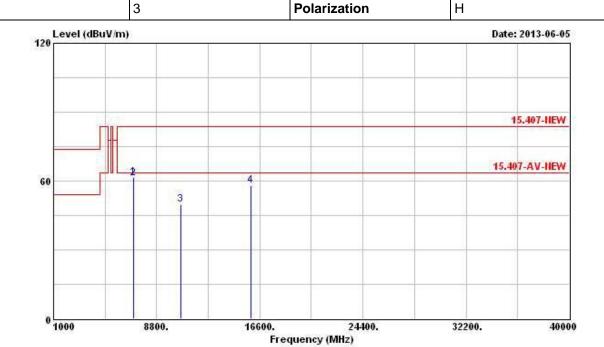
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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 N_{TX}

| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5320 | | | | | | |

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| | | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|-----|--------|-------|--------|--------|--------|-------|---------|-------|--------|---------|-----|-------|
| | | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | - | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dВ | dB | | cm. | deg |
| 1 | 7080 | . 000 | 61.76 | -21.78 | 83.54 | 55.87 | 35.30 | 5.70 | 35.11 | Peak | | |
| 2 (| 3 7080 | .000 | 61.33 | -2.21 | 63.54 | 55.44 | 35.30 | 5.70 | 35.11 | Average | | |
| 3 | 10640 | .000 | 49.55 | -13.99 | 63.54 | 40.46 | 37.68 | 6.51 | 35.10 | PK | | 222 |
| 4 | 15960 | .000 | 57.87 | -5.67 | 63.54 | 44.16 | 40.87 | 8.37 | 35.53 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

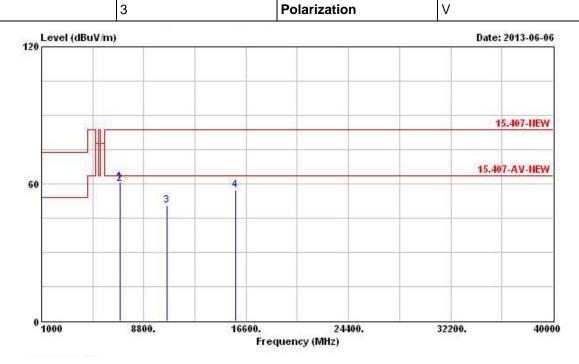
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Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT40 Test Freq. (MHz) 5270

N_{TX} 3 Polarization V

Report No.: FR322147AN



| | Freq | Level | Over Limit | Limit Line | | Antenna Factor | | | | Ant Pos | Table Pos | | |
|---|------|-------|---------------|---------------|--------|-------------------|-------|-------|------|------------|--------------|--|-----|
| | | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | | deg |
| 1 | | 6996 | 000 | 60.90 | -22.64 | 83.54 | 54.99 | 35.30 | 5.70 | 35.09 | Peak | | |
| 2 | 0 | 6996 | 000 | 59.92 | -3.62 | 63.54 | 54.01 | 35.30 | 5.70 | 35.09 | Average | | |
| 3 | 1 | 0540 | 000 | 50.64 | -12.90 | 63.54 | 41.67 | 37.62 | 6.53 | 35.18 | PK | | |
| 4 | 1 | 5810 | 000 | 57.27 | -6.27 | 63.54 | 43.72 | 40.71 | 8.22 | 35.38 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

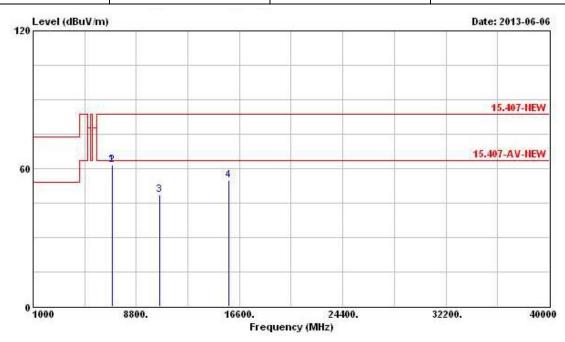
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5270 | | | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | | | |



| | Freq | Level | Over Limit | | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|------------|--------|---------------|--------|-------|-------------------|------|-------|---------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | | deg |
| 1 | 6996.000 | 61.54 | -22.00 | 83.54 | 55.63 | 35.30 | 5.70 | 35.09 | Peak | | |
| 2 | @ 6996.000 | 61.44 | -2.10 | 63.54 | 55.53 | 35.30 | 5.70 | 35.09 | Average | | |
| 3 | 10540.000 | 48.52 | -15.02 | 63.54 | 39.55 | 37.62 | 6.53 | 35.18 | PK | | |
| 4 | 15810.000 | 54.93 | -8.61 | 63.54 | 41.38 | 40.71 | 8.22 | 35.38 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

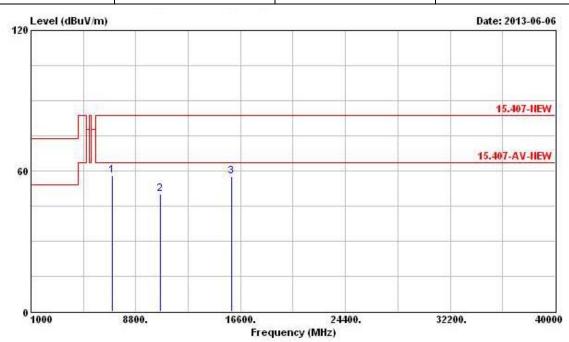
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FCC Test Report

| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5310 | | | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | | | |

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| | Frage | Lovel | | Limit Line | | | | | | Ant Pos | Table Pos |
|---|------------|--------|--------|---------------|-------|-----------|------|--------|--------|------------|--------------|
| | rreq | rever | шис | TIME | rever | FACCUL | LUSS | Factor | Remark | rus | PUS |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dBuV dB/m | | dB | | cm | deg |
| 1 | @ 7080.000 | 58.17 | -5.37 | 63.54 | 52.28 | 35.30 | 5.70 | 35.11 | PK | | |
| 2 | 10620.000 | 50.12 | -13.42 | 63.54 | 41.06 | 37.67 | 6.51 | 35.12 | PK | | |
| 3 | 15930.000 | 57.69 | -5.85 | 63.54 | 44.01 | 40.83 | 8.33 | 35.48 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

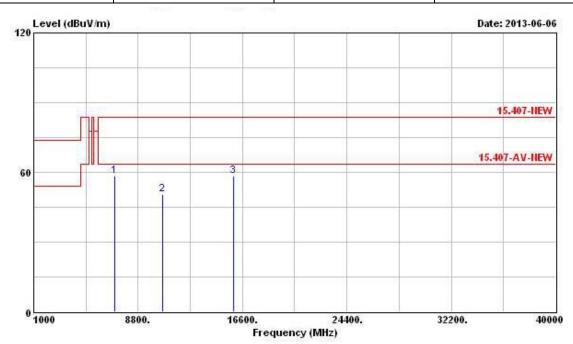
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FCC Test Report

| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5310 | | | | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | | | | |

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| | | Level | Over Lim evel Limit Lin | | | Antenna Factor | | 2011/02/04 | | Ant Pos | Table Pos |
|-----|-----------|--------|----------------------------|--------|-------|-------------------|------|------------|----|------------|--------------|
| | | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | - | | deg |
| 1 0 | 7080.000 | 58.56 | -4.98 | 63.54 | 52.67 | 35.30 | 5.70 | 35.11 | PK | | loon. |
| 2 | 10620.000 | 50.37 | -13.17 | 63.54 | 41.31 | 37.67 | 6.51 | 35.12 | PK | | |
| 3 @ | 15930.000 | 58.28 | -5.26 | 63.54 | 44.60 | 40.83 | 8.33 | 35.48 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

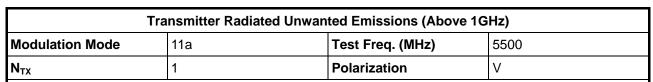
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

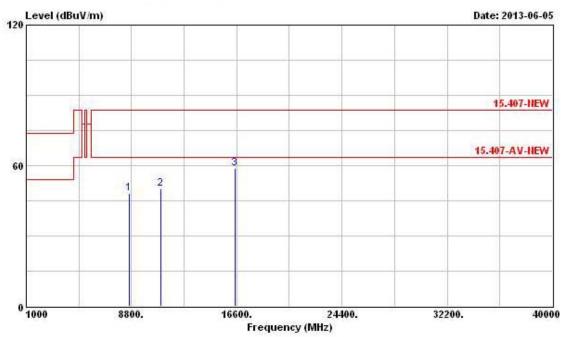
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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3.7.9 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5470-5725MHz

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| Freq | Freq Le | Level | 1000 | | | | | | Remark | Ant Pos | Table Pos | |
|------|---------|--------------------------|--|--|---|----------------------------|---|---|---|---|--|---|
| | | MHz dBuV/m dB dBuV/m dBu | | dBuV | dB/m dB | | dB | dB | | deg | | |
| 1 | 8628 | .000 | 48.16 | -15.38 | 63.54 | 41.74 | 35.68 | 6.08 | 35.34 | PK | | - |
| 2 | 11000 | .000 | 50.02 | -13.52 | 63.54 | 40.53 | 37.90 | 6.42 | 34.83 | PK | | |
| 3 6 | 16500 | .000 | 58.85 | -4.69 | 63.54 | 45.09 | 40.90 | 7.95 | 35.09 | PK | | 222 |
| | 1 2 | 1 8628 2 11000 | Freq MHz 1 8628.000 2 11000.000 | Freq Level MHz dBuV/m 1 8628.000 48.16 2 11000.000 50.02 | MHz dBuV/m dB 1 8628.000 48.16 -15.38 2 11000.000 50.02 -13.52 | NHz Dimit Limit Line | Over Limit Reading Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV 1 8628.000 48.16 -15.38 63.54 41.74 2 11000.000 50.02 -13.52 63.54 40.53 | Over Limit ReadAntenna Ereq Level Limit Line Level Factor | Over Limit ReadAntenna Cable Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 1 8628.000 48.16 -15.38 63.54 41.74 35.68 6.08 2 11000.000 50.02 -13.52 63.54 40.53 37.90 6.42 | Over Limit ReadAntenna Cable Preamp | Over Limit ReadAntenna Cable Preamp Level Limit Line Level Factor Loss Factor Remark | Over Limit ReadAntenna Cable Preamp Ant |

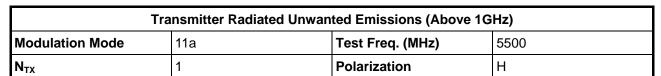
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

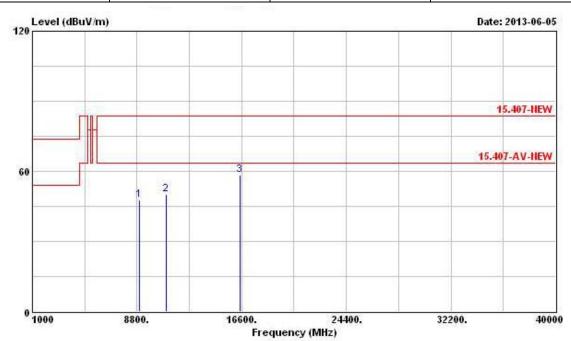
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | | Level | | Limit Line | | Antenna Factor | | | | Ant Pos | Table Pos |
|---|------------|--------|----------|---------------|-------|-------------------|------|-------|----|------------|--------------|
| | | dBuV/m | BuV/m dE | dBuV/m d | dBuV | dB/m | m dB | dB | 3) | cm | deg |
| 1 | 8964.000 | 47.94 | -15.60 | 63.54 | 41.03 | 35.87 | 6.44 | 35.40 | PK | | |
| 2 | 11000.000 | 50.17 | -13.37 | 63.54 | 40.68 | 37.90 | 6.42 | 34.83 | PK | 200 | |
| 3 | @16500.000 | 58.28 | -5.26 | 63.54 | 44.52 | 40.90 | 7.95 | 35.09 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

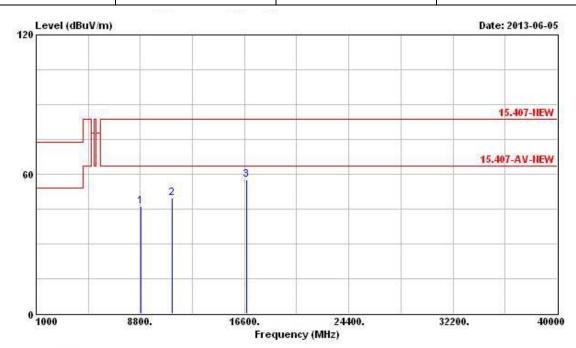
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FCC Test Report

| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|--|
| Modulation Mode | 11a | Test Freq. (MHz) | 5580 | | | | | | | | |
| N _{TX} | 1 | Polarization | V | | | | | | | | |

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| | | | 0ver | Limit | Read | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|--------|----------------|-------|---------|-------|--------|--------|-----|-------|
| | | Level | Limit | Line dBuV/m | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | | dBuV/m | dB | | dBuV | dB/m | dB | dB | - | cm. | deg |
| 1 | 8844.000 | 46.26 | -17.28 | 63.54 | 39.53 | 35.80 | 6.31 | 35.38 | PK | | 7777 |
| 2 | 11160.000 | 49.62 | -13.92 | 63.54 | 39.93 | 38.03 | 6.49 | 34.83 | PK | | |
| 3 | 16740.000 | 57.60 | -5.94 | 63.54 | 43.02 | 40.90 | 8.28 | 34.60 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

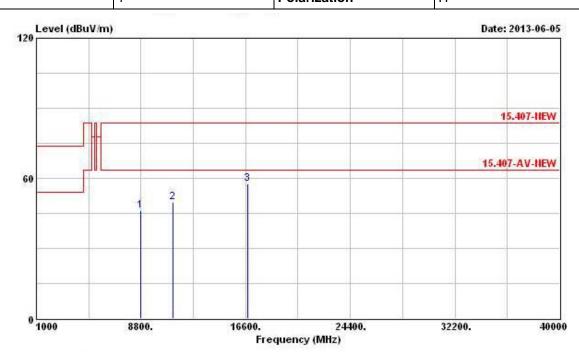
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Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode 11a Test Freq. (MHz) 5580

N_{TX} 1 Polarization H

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| | | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|-----------|--------|--------|---------------|-------|-------|------|-------|----------------|------------|--------------|
| | | dBuV/m | m. dB | dBuV/m | dBuV | dB/m | dB | dB | o) | cm. | deg |
| 1 | 8772.000 | 46.25 | -17.29 | 63.54 | 39.64 | 35.76 | 6.22 | 35.37 | PK | | |
| 2 | 11160.000 | 49.90 | -13.64 | 63.54 | 40.21 | 38.03 | 6.49 | 34.83 | PK | 200 | |
| 3 | 16740.000 | 57.58 | -5.96 | 63.54 | 43.00 | 40.90 | 8.28 | 34.60 | PK | | |

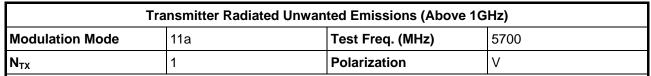
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

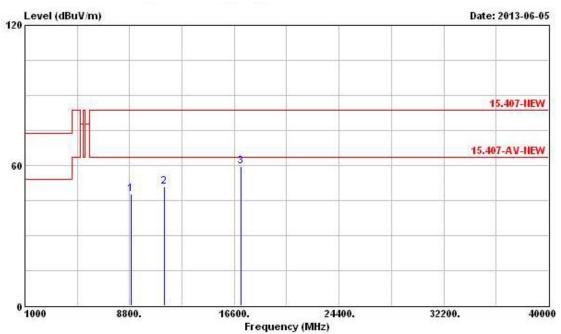
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | | Level | | Limit Line | | Antenna Factor | | | | Ant Pos | Table Pos |
|---|------------|--------|--------|---------------|-------|-------------------|------|-------|----------------|------------|--------------|
| | | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | ñ - | - Cm | deg |
| 1 | 8916.000 | 47.60 | -15.94 | 63.54 | 40.74 | 35.85 | 6.40 | 35.39 | PK | | |
| 2 | 11400.000 | 51.01 | -12.53 | 63.54 | 41.05 | 38.22 | 6.57 | 34.83 | PK | | |
| 3 | @17100.000 | 59.52 | -4.02 | 63.54 | 44.16 | 40.92 | 8.50 | 34.06 | PK | | |

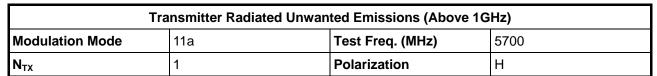
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

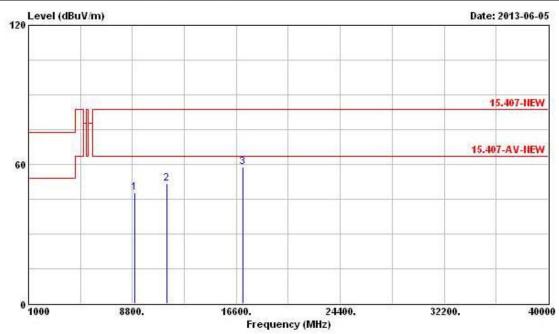
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| AC VOY | | Level | evel Limit | | | Antenna Factor | | | | Ant Pos | Table Pos |
|--------|------------|--------|------------|--------|-------|-------------------|------|-------|----|------------|--------------|
| | MXz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | cm | deg |
| 1 | 8976.000 | 47.67 | -15.87 | 63.54 | 40.71 | 35.88 | 6.49 | 35.41 | PK | | |
| 2 | 11400.000 | 51.65 | -11.89 | 63.54 | 41.69 | 38.22 | 6.57 | 34.83 | PK | | |
| 3 | @17100.000 | 58.88 | -4.66 | 63.54 | 43.52 | 40.92 | 8.50 | 34.06 | PK | | 222 |
| | | | | | | | | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

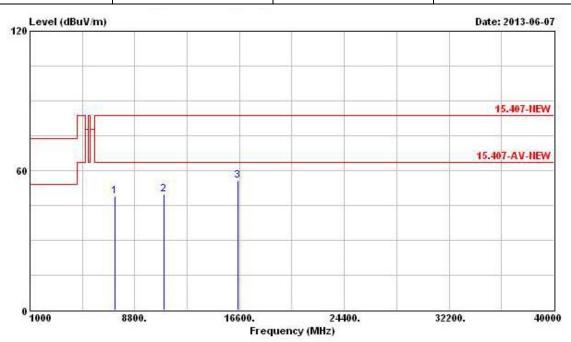
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Ti | ansmitter Radiated Unwar | nted Emissions (Above 1G | iHz) |
|-----------------|--------------------------|--------------------------|------|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5500 |
| N _{TX} | 2 | Polarization | V |



| | | Level | Over Limit ReadAntenna Cabl Level Limit Line Level Factor Los | | | Remark | Ant Pos | Table Pos | | | |
|---|-----------|--------|---|--------|-------|--------|------------|--------------|-----|-----|-----|
| | | dBuV/m | - dB | dBuV/m | dBuV | dB/m | dB | dB | n . | cm. | deg |
| 1 | 7320.000 | 49.13 | -14.41 | 63.54 | 43.29 | 35.30 | 5.71 | 35.17 | PK | | |
| 2 | 11000.000 | 49.73 | -13.81 | 63.54 | 40.24 | 37.90 | 6.42 | 34.83 | PK | | |
| 3 | 16500.000 | 55.78 | -7.76 | 63.54 | 42.02 | 40.90 | 7.95 | 35.09 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

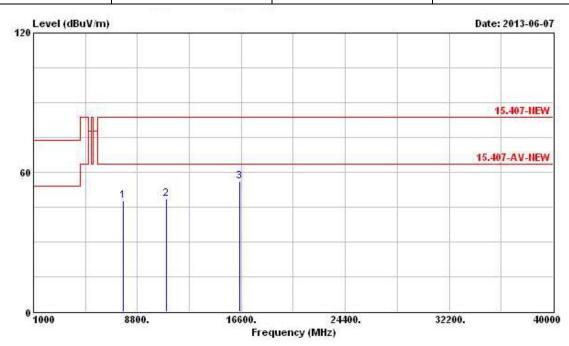
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5500 | | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | | |

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| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|--------|--------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | , | cm. | deg |
| 1 | 7716.000 | 47.96 | -15.58 | 63.54 | 41.95 | 35.30 | 5.98 | 35.27 | PK | | |
| 2 | 11000.000 | 48.74 | -14.80 | 63.54 | 39.25 | 37.90 | 6.42 | 34.83 | PK | 200 | |
| 3 | 16500.000 | 56.07 | -7.47 | 63.54 | 42.31 | 40.90 | 7.95 | 35.09 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

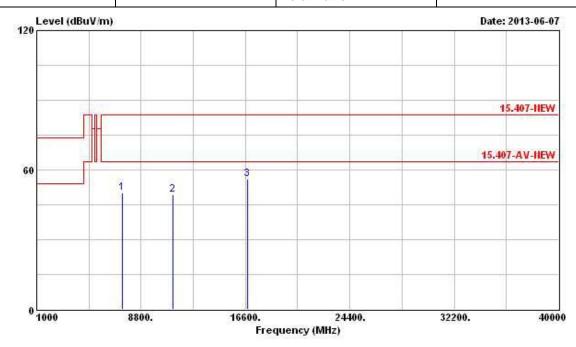
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | Transmitter Radia | ated Unwanted Emissions (Above | 1GHz) |
|-----------------|-------------------|--------------------------------|-------|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5580 |
| N _{TX} | 2 | Polarization | V |



| | Freg | q Level | Over Limit | 68566 | | Antenna Factor | | 1200 EE 1000 | | Ant Pos | Table Pos |
|---|----------|----------|---------------|--------|-------|-------------------|------|--------------|-------------|------------|--------------|
| | | z dBuV/m | dB | dBuV/m | dBuV | dB/m | ф | dB | | cm | deg |
| 1 | 7428.00 | 0 50.10 | -13.44 | 63.54 | 44.29 | 35.30 | 5.71 | 35.20 | PK | | |
| 2 | 11160.00 | 0 49.25 | -14.29 | 63.54 | 39.56 | 38.03 | 6.49 | 34.83 | PK | 10000 | |
| 3 | 16740.00 | 0 55.96 | -7.58 | 63.54 | 41.38 | 40.90 | 8.28 | 34.60 | PK | | 2000 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

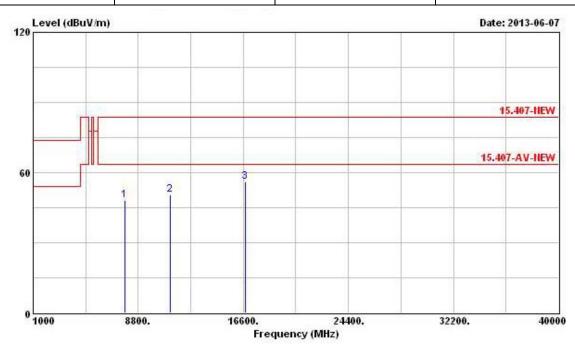
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| - | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5580 | | | | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | | | | |



| | | Level | | Limit Line | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|-----------|--------|--------|---------------|-------|-------------------|------|-------|--------|------------|--------------|
| | | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | Tr. | cm. | deg |
| 1 | 7812.000 | 48.21 | -15.33 | 63.54 | 42.07 | 35.30 | 6.14 | 35.30 | PK | | |
| 2 | 11160.000 | 50.44 | -13.10 | 63.54 | 40.75 | 38.03 | 6.49 | 34.83 | PK | | |
| 3 | 16740.000 | 56.05 | -7.49 | 63.54 | 41.47 | 40.90 | 8.28 | 34.60 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

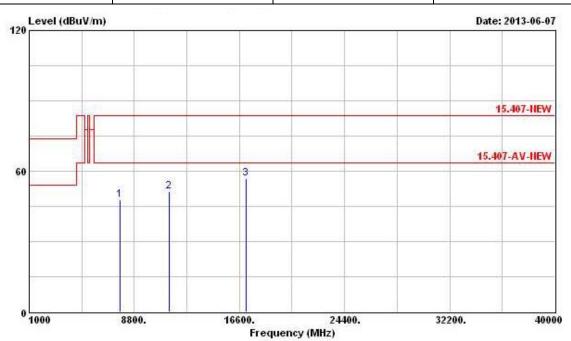
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5700 | | | | | | | |
| N _{TX} | 2 | Polarization | V | | | | | | | |



| | Freq | Level | | Limit Line | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|-----------|--------|-----------|---------------|-------|-------------------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | lBuV/m dB | dBuV/m dBu | dBuV | dB/m | ав | B dB | | cm | deg |
| 1 | 7716.000 | 47.71 | -15.83 | 63.54 | 41.70 | 35.30 | 5.98 | 35.27 | PK | | |
| 2 | 11400.000 | 51.24 | -12.30 | 63.54 | 41.28 | 38.22 | 6.57 | 34.83 | PK | | |
| 3 | 17100.000 | 56.66 | -6.88 | 63.54 | 41.30 | 40.92 | 8.50 | 34.06 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

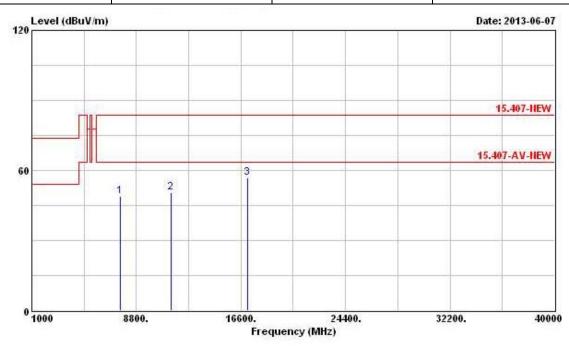
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Tra | Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|-----------------|--|------------------|------|--|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5700 | | | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | | | |

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| | | Level | Over Limit | 100(00)(00) | | Antenna Factor | | | | Ant Pos | Table Pos |
|---|-----------|--------|---------------|-------------|-------|-------------------|------|-------|------|------------|--------------|
| | | dBuV/m | BuV/m dB | dBuV/m dBuV | dB/m | - dB | dB | | can. | deg | |
| 1 | 7572.000 | 48.81 | -14.73 | 63.54 | 42.93 | 35.30 | 5.82 | 35.24 | PK | | |
| 2 | 11400.000 | 50.47 | -13.07 | 63.54 | 40.51 | 38.22 | 6.57 | 34.83 | PK | | |
| 3 | 17100.000 | 56.77 | -6.77 | 63.54 | 41.41 | 40.92 | 8.50 | 34.06 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

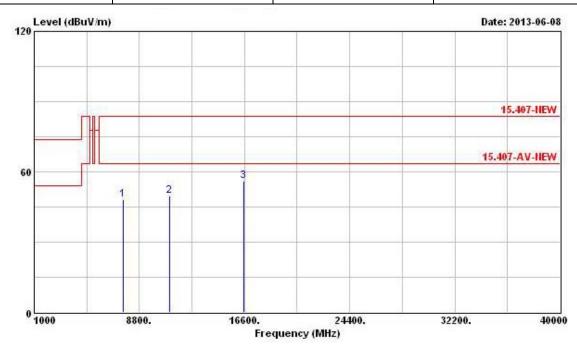
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5510 | | | | | | |
| N _{TX} | 2 | Polarization | V | | | | | | |

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| 770,000 | | | | 0ver | | | Antenna | | | | Ant | Table |
|---------|---------|----|--------|--------|--------|-------|---------|------|--------|--------|------|-------|
| | Fr | eq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | м | Нz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dВ | dB | t e | cm. | deg |
| 1 | 7608.0 | 00 | 48.21 | -15.33 | 63.54 | 42.34 | 35.30 | 5.82 | 35.25 | PK | 7.77 | |
| 2 | 11020.0 | 00 | 49.57 | -13.97 | 63.54 | 40.06 | 37.91 | 6.43 | 34.83 | PK | | |
| 3 | 16530.0 | 00 | 55.89 | -7.65 | 63.54 | 42.03 | 40.90 | 8.00 | 35.04 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

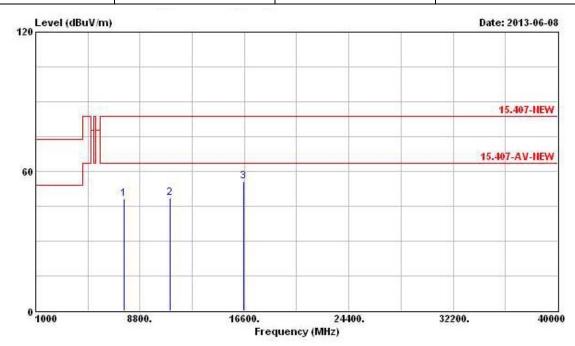
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5510 | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | |

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| | Freq | Level | Over Limit | | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|-----------|--------|---------------|--------|-------|-------------------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | - | cm. | deg |
| 1 | 7608.000 | 48.07 | -15.47 | 63.54 | 42.20 | 35.30 | 5.82 | 35.25 | PK | | |
| 2 | 11020.000 | 48.74 | -14.80 | 63.54 | 39.23 | 37.91 | 6.43 | 34.83 | PK | | |
| 3 | 16530.000 | 55.49 | -8.05 | 63.54 | 41.63 | 40.90 | 8.00 | 35.04 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

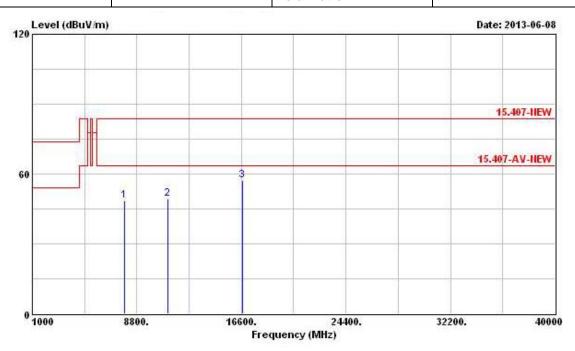
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Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT40 Test Freq. (MHz) 5550

N_{TX} 2 Polarization V

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| | - | | 0ver | | | Antenna | | | | Ant | |
|---|-----------|--------|--------|--------|-------|---------|------|--------|--------|------|-----|
| | Freq | Level | Limit | Line | rever | Factor | Loss | Factor | Kemark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | t e | cm. | deg |
| 1 | 7848.000 | 48.66 | -14.88 | 63.54 | 42.48 | 35.30 | 6.19 | 35.31 | PK | 7.77 | |
| 2 | 11100.000 | 49.36 | -14.18 | 63.54 | 39.75 | 37.98 | 6.46 | 34.83 | PK | | |
| 3 | 16650.000 | 57.08 | -6.46 | 63.54 | 42.80 | 40.90 | 8.14 | 34.76 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

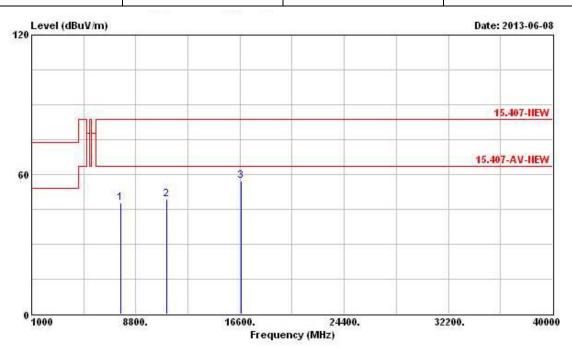
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5550 | | | | | |
| N _{TX} | 2 | Polarization | Н | | | | | |



| | | | 0ver | Limit | Readi | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|--------|--------|-------|---------|-------|--------|---------------|-------|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | 5 | cm. | deg |
| 1 | 7668.000 | 47.92 | -15.62 | 63.54 | 41.96 | 35.30 | 5.92 | 35.26 | PK | | |
| 2 | 11100.000 | 49.51 | -14.03 | 63.54 | 39.90 | 37.98 | 6.46 | 34.83 | PK | 0.000 | |
| 3 | 16650.000 | 57.21 | -6.33 | 63.54 | 42.93 | 40.90 | 8.14 | 34.76 | PK | | |

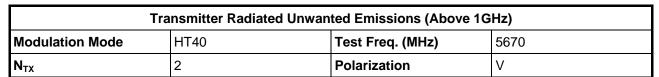
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

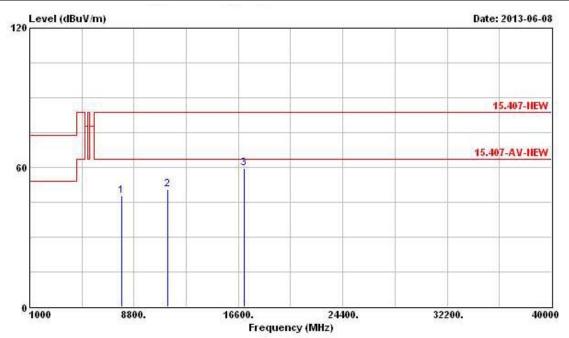
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | | | | 0ver | Limit | Read | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|----|--------|--------|--------|-------|---------|-------|--------|--------|-----|-------|
| | Fre | PS | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | м | Кz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | cm. | deg |
| 1 | 7848.00 | 00 | 47.96 | -15.58 | 63.54 | 41.78 | 35.30 | 6.19 | 35.31 | PK | | |
| 2 | 11340.00 | 00 | 50.56 | -12.98 | 63.54 | 40.68 | 38.17 | 6.54 | 34.83 | PK | | |
| 3 | @17010.00 | 00 | 59.70 | -3.84 | 63.54 | 44.31 | 40.90 | 8.54 | 34.05 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

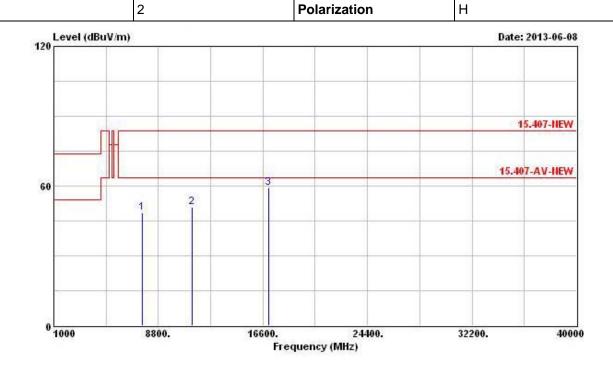
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 N_{TX}

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT40 Test Freq. (MHz) 5670

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| | Freq | Level | Over Limit | Limit Line | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|------------|--------|---------------|---------------|-------|-------------------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | cm | deg |
| 1 | 7608.000 | 48.51 | -15.03 | 63.54 | 42.64 | 35.30 | 5.82 | 35.25 | PK | | - |
| 2 | 11340.000 | 50.78 | -12.76 | 63.54 | 40.90 | 38.17 | 6.54 | 34.83 | PK | | |
| 3 | @17010.000 | 59.17 | -4.37 | 63.54 | 43.78 | 40.90 | 8.54 | 34.05 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

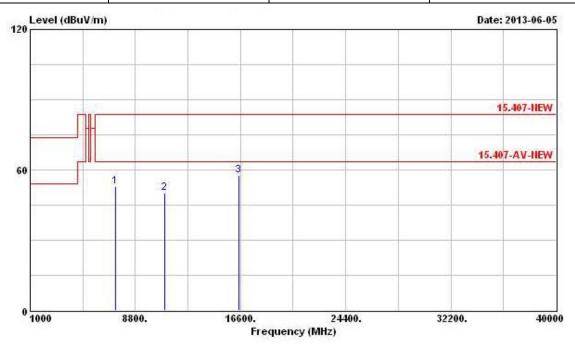
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5500 | | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | | |



| | Freq | Freq | Freq | Level | | Limit Line | | | | | | Ant Pos | Table Pos |
|---|-----------|--------|--------|--------|-------|---------------|------|-------|----|--|-----|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | | deg | | |
| 1 | 7320.000 | 52.82 | -10.72 | 63.54 | 46.98 | 35.30 | 5.71 | 35.17 | PK | | | | |
| 2 | 11000.000 | 50.07 | -13.47 | 63.54 | 40.58 | 37.90 | 6.42 | 34.83 | PK | | | | |
| 3 | 16500.000 | 57.72 | -5.82 | 63.54 | 43.96 | 40.90 | 7.95 | 35.09 | PK | | | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

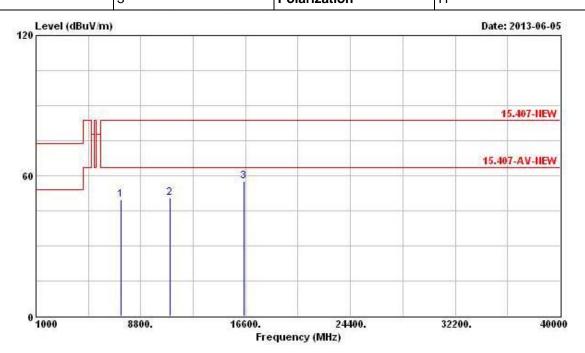
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5500 | | | | | |
| N _{TV} | 3 | Polarization | Н | | | | | |



| | | | [Level | Over Limit | Limit Line | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|-----------|--------|---------|---------------|---------------|-------|-------------------|-------|----|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | | cm. | deg | |
| 1 | 7320.000 | 49.63 | -13.91 | 63.54 | 43.79 | 35.30 | 5.71 | 35.17 | PK | | | |
| 2 | 11000.000 | 50.48 | -13.06 | 63.54 | 40.99 | 37.90 | 6.42 | 34.83 | PK | | | |
| 3 | 16500.000 | 57.56 | -5.98 | 63.54 | 43.80 | 40.90 | 7.95 | 35.09 | PK | | 222 | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

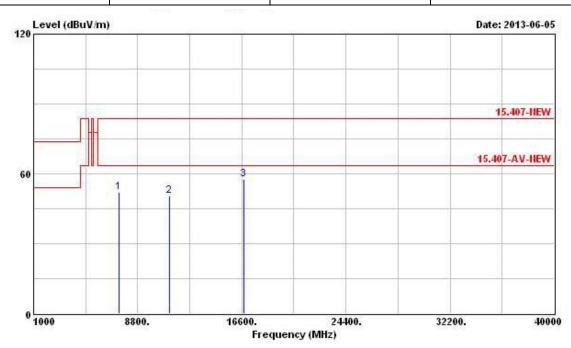
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5580 | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | |



| | | | 0ver | Limit | Read | Antenna | Cable | Preamp | | Ant | Table |
|---|-----------|--------|-------------|----------------|-------|---------|-------|--------|------------|-----------|-------|
| | Freq | Level | Level Limit | Line dBuV/m | Level | Factor | | Factor | 101 101 | Pos cm | Pos |
| | MHz | dBuV/m | dB | | dBuV | dB/m | | dB | | | deg |
| 1 | 7428.000 | 52.12 | -11.42 | 63.54 | 46.31 | 35.30 | 5.71 | 35.20 | PK | | |
| 2 | 11160.000 | 50.70 | -12.84 | 63.54 | 41.01 | 38.03 | 6.49 | 34.83 | PK | | |
| 3 | 16740.000 | 57.45 | -6.09 | 63.54 | 42.87 | 40.90 | 8.28 | 34.60 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

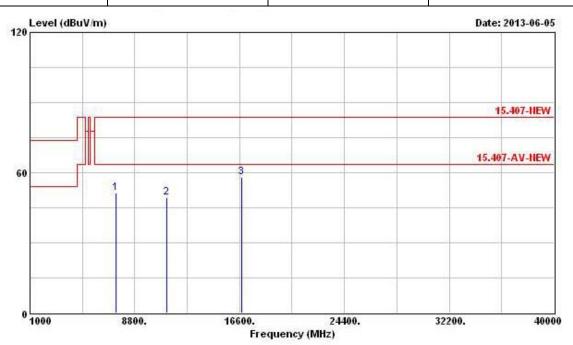
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | e 1GHz) | | | |
|-----------------|---------|------------------|------|--|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5580 | |
| N _{TX} | 3 | Polarization | Н | |



| | Freq | Level | Over Limit | | | Antenna Factor | | 20070 20070 | Remark | Ant Pos | Table Pos |
|---|-----------|--------|---------------|--------|-------|-------------------|------|-------------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dВ | dB | | cm. | deg |
| 1 | 7428.000 | 51.50 | -12.04 | 63.54 | 45.69 | 35.30 | 5.71 | 35.20 | PK | | |
| 2 | 11160.000 | 49.53 | -14.01 | 63.54 | 39.84 | 38.03 | 6.49 | 34.83 | PK | | |
| 3 | 16740.000 | 57.92 | -5.62 | 63.54 | 43.34 | 40.90 | 8.28 | 34.60 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

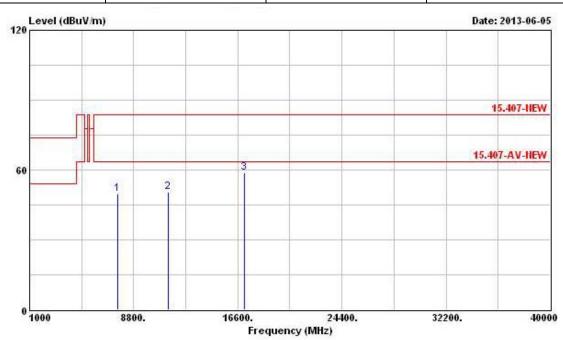
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|---|--------------|---|--|--|--|--|--|--|
| Modulation Mode HT20 Test Freq. (MHz) 5700 | | | | | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | | |

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| | Freq | Level | Over Limit | | | Antenna Factor | | Preamp Factor | Remark | Ant Pos | Table Pos |
|---|------------|--------|---------------|--------|-------|-------------------|------|------------------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m dB | dB | | cm | deg | |
| 1 | 7572.000 | 49.73 | -13.81 | 63.54 | 43.85 | 35.30 | 5.82 | 35.24 | PK | | |
| 2 | 11400.000 | 50.56 | -12.98 | 63.54 | 40.60 | 38.22 | 6.57 | 34.83 | PK | | |
| 3 | @17100.000 | 58.90 | -4.64 | 63.54 | 43.54 | 40.92 | 8.50 | 34.06 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

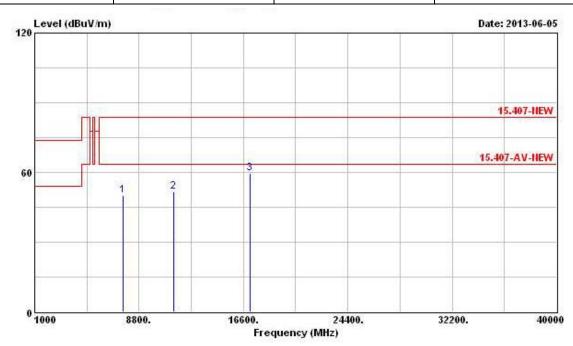
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|---|--------------|---|--|--|--|--|--|
| Modulation Mode HT20 Test Freq. (MHz) 5700 | | | | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | |

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| | - | 4 27 17 19 2 | 0ver | | | Antenna | | | | Ant | Table |
|---|------------|--------------|--------|--------|-------|---------|------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | Mz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | 3) | cm | deg |
| 1 | 7572.000 | 50.12 | -13.42 | 63.54 | 44.24 | 35.30 | 5.82 | 35.24 | PK | | |
| 2 | 11400.000 | 51.76 | -11.78 | 63.54 | 41.80 | 38.22 | 6.57 | 34.83 | PK | | |
| 3 | @17100.000 | 59.42 | -4.12 | 63.54 | 44.06 | 40.92 | 8.50 | 34.06 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

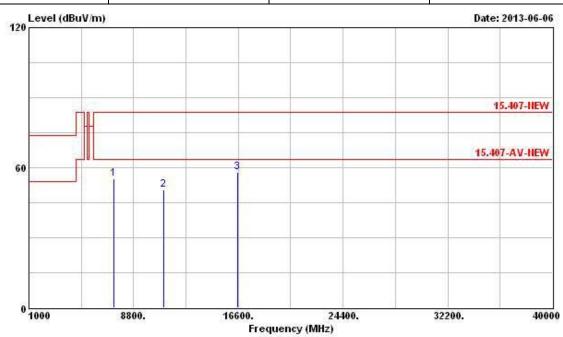
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|---|--------------|---|--|--|--|--|--|
| Modulation Mode HT40 Test Freq. (MHz) 5510 | | | | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | |

Report No.: FR322147AN



| | Freq | Level | Over Limit | | | Antenna Factor | | 50.00 J. 10.00 MA | Remark | Ant Pos | Table Pos |
|---|-----------|--------|---------------|--------|-------|-------------------|------|-------------------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | × | cm. | deg |
| 1 | 7332.000 | 55.11 | -8.43 | 63.54 | 49.27 | 35.30 | 5.71 | 35.17 | PK | | 8000 |
| 2 | 11020.000 | 50.56 | -12.98 | 63.54 | 41.05 | 37.91 | 6.43 | 34.83 | PK | 10000 | |
| 3 | 16530.000 | 57.85 | -5.69 | 63.54 | 43.99 | 40.90 | 8.00 | 35.04 | PK | | 222 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

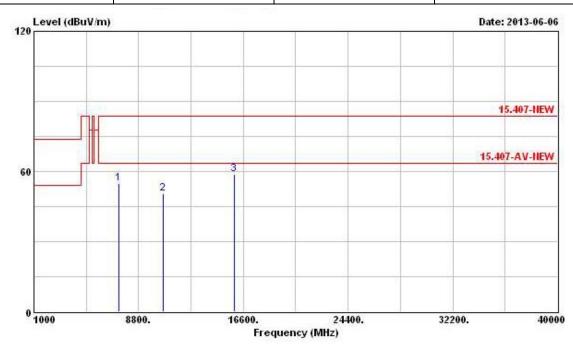
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|---|--------------|---|--|--|--|--|--|--|
| Modulation Mode HT40 Test Freq. (MHz) 5510 | | | | | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | | |

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| | | | 0ver | Limit | Read | Antenna | Cable | Preamp | | Ant | Table |
|---|------------|--------|----------|--------|-------|---------|-------|--------|--------|-----|-------|
| | Freq | Level | el Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | t . | cm. | deg |
| 1 | 7332.000 | 54.91 | -8.63 | 63.54 | 49.07 | 35.30 | 5.71 | 35.17 | PK | | |
| 2 | 10620.000 | 50.48 | -13.06 | 63.54 | 41.42 | 37.67 | 6.51 | 35.12 | PK | | |
| 3 | @15930.000 | 58.73 | -4.81 | 63.54 | 45.05 | 40.83 | 8.33 | 35.48 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

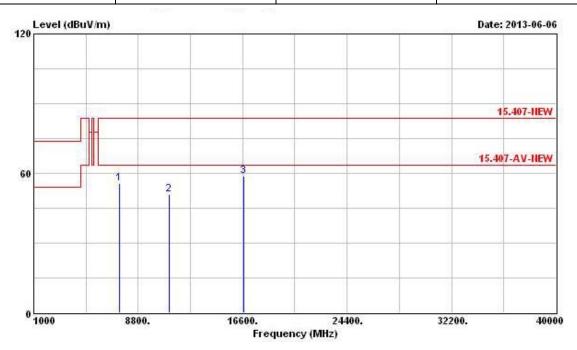
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | | |
|--|---|--------------|---|--|--|--|--|--|--|
| Modulation Mode HT40 Test Freq. (MHz) 5550 | | | | | | | | | |
| N _{TX} | 3 | Polarization | V | | | | | | |

Report No.: FR322147AN



| | Freq | Level | | Limit Line | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|------------|----------|----------|---------------|---------|---------------------|------|-------|--------|------------|--------------|
| | MHz | z dBuV/m | BuV/m dB | dBuV/m dBuV | dB/m dB | <u>ав</u> <u>ав</u> | - | | deg | | |
| 1 | 7380.000 | 55.50 | -8.04 | 63.54 | 49.68 | 35.30 | 5.71 | 35.19 | PK | | |
| 2 | 11100.000 | 50.81 | -12.73 | 63.54 | 41.20 | 37.98 | 6.46 | 34.83 | PK | | |
| 3 | @16650.000 | 58.82 | -4.72 | 63.54 | 44.54 | 40.90 | 8.14 | 34.76 | PK | | 444 |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

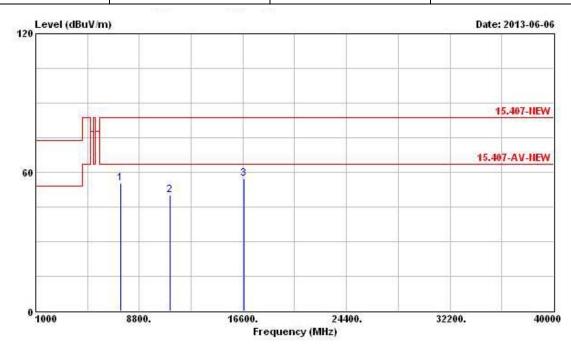
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5550 | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | |

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| | Freq | Level | Over Limit | | | Antenna Factor | | | | Ant Pos | Table Pos |
|---|-----------|------------|-----------------|--------|-----------|-------------------|------|-------|----|------------|--------------|
| | | MHz dBuV/m | BuV/m dB dBuV/n | dBuV/m | dBuV dB/m | dB - | dB | | | deg | |
| 1 | 7380.000 | 55.19 | -8.35 | 63.54 | 49.37 | 35.30 | 5.71 | 35.19 | PK | | 500 |
| 2 | 11100.000 | 50.04 | -13.50 | 63.54 | 40.43 | 37.98 | 6.46 | 34.83 | PK | | |
| 3 | 16650.000 | 57.27 | -6.27 | 63.54 | 42.99 | 40.90 | 8.14 | 34.76 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

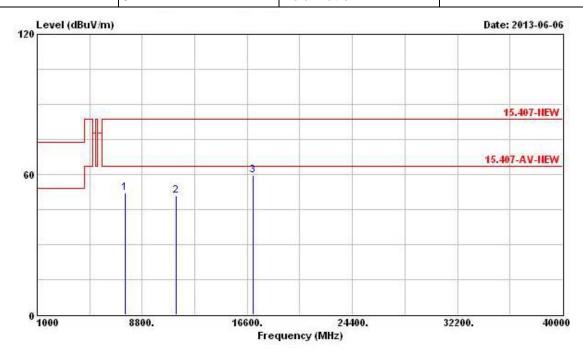
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| | Transmitter Radi | ated Unwanted Emissions (Above | d Emissions (Above 1GHz) | | | | |
|-----------------|------------------|--------------------------------|--------------------------|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5670 | | | | |
| N _{TX} | 3 | Polarization | V | | | | |



| | Freq | Level | Over Limit | | | Antenna Factor | | | Remark | Ant Pos | Table Pos |
|---|------------|--------|---------------|--------|-------|-------------------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | i. | cm. | deg |
| 1 | 7560.000 | 52.11 | -11.43 | 63.54 | 46.28 | 35.30 | 5.76 | 35.23 | PK | | |
| 2 | 11340.000 | 50.94 | -12.60 | 63.54 | 41.06 | 38.17 | 6.54 | 34.83 | PK | | |
| 3 | @17010.000 | 59.56 | -3.98 | 63.54 | 44.17 | 40.90 | 8.54 | 34.05 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

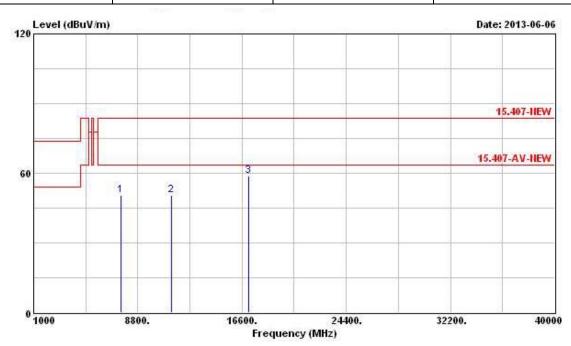
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | | | | | | |
|--|------|------------------|------|--|--|--|--|--|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5670 | | | | | |
| N _{TX} | 3 | Polarization | Н | | | | | |

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| | | | 0ver | | | Antenna | | | | Ant | Table |
|---|------------|------------|---------------------------|---------|-------|---------|------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MKz | MHz dBuV/m | MKz dBuV/m dB dBuV/m dBuV | dB/m dB | - dB | | cm. | deg | | | |
| 1 | 7560.000 | 50.41 | -13.13 | 63.54 | 44.58 | 35.30 | 5.76 | 35.23 | PK | | |
| 2 | 11340.000 | 50.42 | -13.12 | 63.54 | 40.54 | 38.17 | 6.54 | 34.83 | PK | | |
| 3 | @17100.000 | 58.99 | -4.55 | 63.54 | 43.63 | 40.92 | 8.50 | 34.06 | PK | | |

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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3.8 Frequency Stability

3.8.1 Frequency Stability Limit

| | Frequency Stability Limit | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|
| UN | UNII Devices | | | | | | | |
| \boxtimes | In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual. | | | | | | | |
| LE- | -LAN Devices | | | | | | | |
| \boxtimes | N/A | | | | | | | |
| IEE | IEEE Std. 802.11n-2009 | | | | | | | |
| \boxtimes | The transmitter center frequency tolerance shall be \pm 20 ppm maximum for the 5 GHz band and \pm 25 ppm maximum for the 2.4 GHz band. | | | | | | | |

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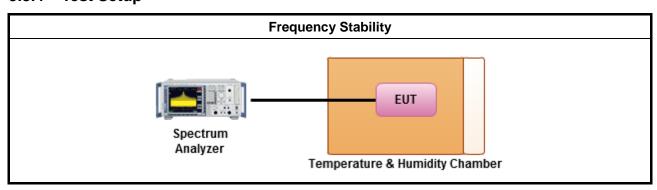
3.8.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.8.3 Test Procedures

| | Test Method | | | | | | | | |
|-------------|--|---|--|--|--|--|--|--|--|
| \boxtimes | Refer as ANSI C63.10, clause 6.8 for frequency stability tests | | | | | | | | |
| | \boxtimes | Frequency stability with respect to ambient temperature | | | | | | | |
| | \boxtimes | Frequency stability when varying supply voltage | | | | | | | |
| | For conducted measurement. | | | | | | | | |
| | \boxtimes | For conducted measurements on devices with multiple transmit chains: Measurements need only to be performed on one of the active transmit chains (antenna outputs) | | | | | | | |
| | | radiated measurement. The equipment to be measured and the test antenna shall be oriented to in the maximum emitted power level. | | | | | | | |

3.8.4 Test Setup



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3.8.5 Test Result of Frequency Stability

| | | Frequency Stability Result | | | | |
|-------------------------|-------------|----------------------------|---------------------------|--|--|--|
| Мо | de | Frequency S | Stability (ppm) | | | |
| Condition | Freq. (MHz) | Test Frequency (MHz) | Frequency Stability (ppm) | | | |
| T _{20°C} Vmax | 5300 | 5300.00347 | 0.6547 | | | |
| T _{20°C} Vmin | 5300 | 5300.00434 | 0.8189 | | | |
| T _{50°C} Vnom | 5300 | 5300.00347 | 0.6547 | | | |
| T _{40°C} Vnom | 5300 | 5299.99088 | -1.7208 | | | |
| T _{30°C} Vnom | 5300 | 5299.99001 | -1.8849 | | | |
| T _{20°C} Vnom | 5300 | 5299.99609 | -0.7377 | | | |
| T _{10°C} Vnom | 5300 | 5300.00651 | 1.2283 | | | |
| T _{0°C} Vnom | 5300 | 5300.01693 | 3.1943 | | | |
| T _{-10°C} Vnom | 5300 | 5300.02692 | 5.0792 | | | |
| T _{-20°C} Vnom | 5300 | 5300.03343 | 6.3075 | | | |
| Limit (| ppm) | 20 | | | | |
| Res | ult | Complied | | | | |

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Note 1: Measure at 85 % [Vmin] and 115 % [Vmax] of the nominal voltage [Vnom]. Note 2: The nominal voltage refer test report clause 1.1.5 for EUT operational condition.

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4 Test Equipment and Calibration Data

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|------------------------|--------------------------------|-----------|-----------------|-----------------|------------------|-------------------------|
| EMC Receiver | R&S | ESCS 30 | 100174 | 9kHz ~ 2.75GHz | Mar. 26, 2013 | Conduction (CO04-HY) |
| LISN | SCHWARZBECK MESS-ELEKTRONIK | NSLK 8127 | 8127-477 | 9kHz ~ 30MHz | Jan. 21, 2013 | Conduction (CO04-HY) |
| LISN (Support Unit) | EMCO | 3810/2NM | 9703-1839 | 9kHz ~ 30MHz | Apr. 20, 2012 | Conduction (CO04-HY) |
| RF Cable-CON | HUBER+SUHNER | RG213/U | 7.61183201e+012 | 9kHz ~ 30MHz | Nov. 09, 2012 | Conduction (CO04-HY) |

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Note: Calibration Interval of instruments listed above is one year.

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|----------------------------------|--------------|------------------|-------------|-----------------|------------------|------------------------|
| Spectrum Analyzer | R&S | FSP 40 | 100305 | 9KHz~40GHz | Mar. 20, 2013 | Conducted (TH01-HY) |
| AC Power Source | G.W | APS-9102 | EL920581 | AC 0V ~ 300V | Jul. 02, 2012 | Conducted (TH01-HY) |
| Temp. and Humidity Chamber | Giant Force | GTH-225-20-SP-SD | MAA1112-007 | -20 ~ 100°C | Nov. 21, 2012 | Conducted (TH01-HY) |
| Signal Generator | R&S | SMR40 | 100116 | 10MHz ~ 40GHz | Jun. 26, 2012 | Conducted (TH01-HY) |
| Power Sensor | Anritsu | MA2411B | 0917017 | 300MHz ~ 40GHz | Feb. 02, 2013 | Conducted (TH01-HY) |
| Power Meter | Anritsu | ML2495A | 0949003 | 300MHz ~ 40GHz | Feb. 02, 2013 | Conducted (TH01-HY) |
| RF Cable-2m | HUBER+SUHNER | SUCOFLEX_104 | SN 345675/4 | 1GHz ~ 26.5GHz | NA | Conducted (TH01-HY) |
| RF Cable-3m | HUBER+SUHNER | SUCOFLEX_104 | SN 345669/4 | 1GHz ~ 26.5GHz | NA | Conducted (TH01-HY) |

Note: Calibration Interval of instruments listed above is one year.

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| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Remark |
|--------------------------|----------------|-------------|------------------|------------------|------------------------|
| 3m semi-anechoic chamber | CHAMPRO | SAC-03 | 03CH01-WS | Jan. 04, 2013 | Radiation 03CH01-WS |
| Amplifier | Burgeon | BPA-530 | 100219 | Nov. 28, 2012 | Radiation 03CH01-WS |
| Amplifier | Agilent | 83017A | MY39501308 | Dec. 18, 2012 | Radiation 03CH01-WS |
| Bilog Antenna | SCHWARZBECK | VULB9168 | VULB9168-522 | Jan. 11, 2013 | Radiation 03CH01-WS |
| Horn Antenna 1G-18G | SCHWARZBECK | BBHA 9120 D | BBHA 9120 D 1096 | Feb. 18, 2013 | Radiation 03CH01-WS |
| Horn Antenna 18G-40G | SCHWARZBECK | BBHA 9170 | BBHA 9170517 | Jan. 14, 2013 | Radiation 03CH01-WS |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16014/4 | Dec. 25, 2012 | Radiation 03CH01-WS |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16019/4 | Dec. 25, 2012 | Radiation 03CH01-WS |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16139/4 | Dec. 25, 2012 | Radiation 03CH01-WS |
| RF Cable-R03m | Woken | CFD400NL-LW | CFD400NL-001 | Dec. 25, 2012 | Radiation 03CH01-WS |
| RF Cable-R10m | Woken | CFD400NL-LW | CFD400NL-002 | Dec. 25, 2012 | Radiation 03CH01-WS |
| Spectrum Analyzer | R&S | FSV40 | 101498 | Jan. 24, 2013 | Radiation 03CH01-WS |
| Receiver | ROHDE&SCHWARZ | ESR3 | 101658 | Jan. 28, 2013 | Radiation 03CH01-WS |
| control | EM Electronics | EM1000 | 60612 | N/A | Radiation 03CH01-WS |

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Note: Calibration Interval of instruments listed above is one year.

| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Remark |
|------------|--------------|---------------|------------|------------------|------------------------|
| Amplifier | MITEQ | AMF-6F-260400 | 9121372 | Apr. 19, 2013 | Radiation 03CH01-WS |

Note: Calibration Interval of instruments listed above is two year.

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