

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.)

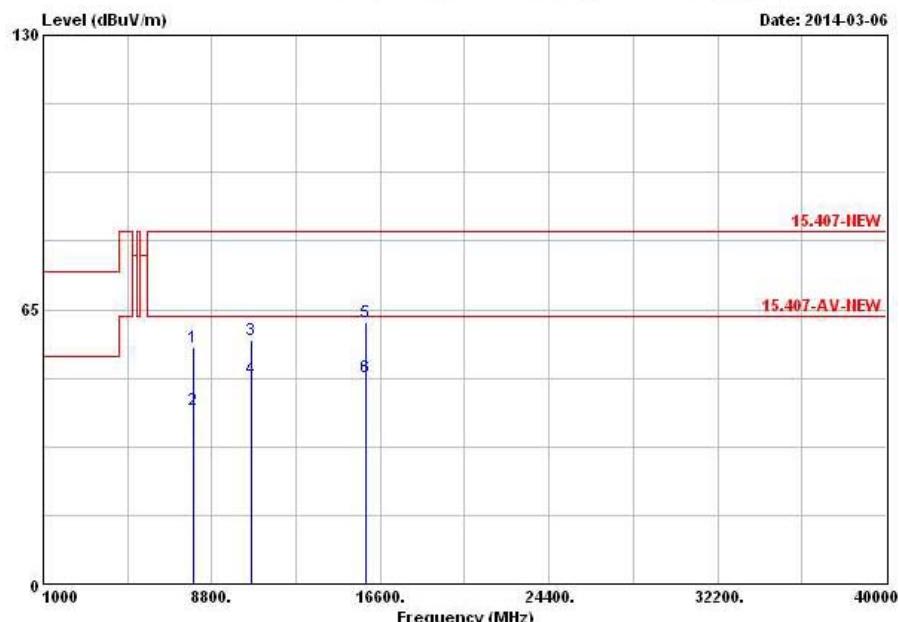
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

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.



Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|------|------------------|------|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5320 |
| N _{TX} | 1 | Polarization | V |



| Freq | Level | Over Limit | Line | Read | | Ant | Table | | |
|-------------|--------|------------|--------|---------|--------|-------|-------|---------|-----|
| | | | | Antenna | Factor | | | Pos | Pos |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |
| 1 7920.000 | 55.94 | -27.60 | 83.54 | 42.86 | 37.72 | 8.14 | 32.78 | Peak | --- |
| 2 7920.000 | 41.10 | -22.44 | 63.54 | 28.02 | 37.72 | 8.14 | 32.78 | Average | --- |
| 3 10640.000 | 57.82 | -25.72 | 83.54 | 41.84 | 39.49 | 9.07 | 32.58 | Peak | --- |
| 4 10640.000 | 48.49 | -15.05 | 63.54 | 32.51 | 39.49 | 9.07 | 32.58 | Average | --- |
| 5 15960.000 | 61.86 | -21.68 | 83.54 | 45.33 | 37.26 | 11.59 | 32.32 | Peak | --- |
| 6 15960.000 | 48.85 | -14.69 | 63.54 | 32.32 | 37.26 | 11.59 | 32.32 | Average | --- |

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

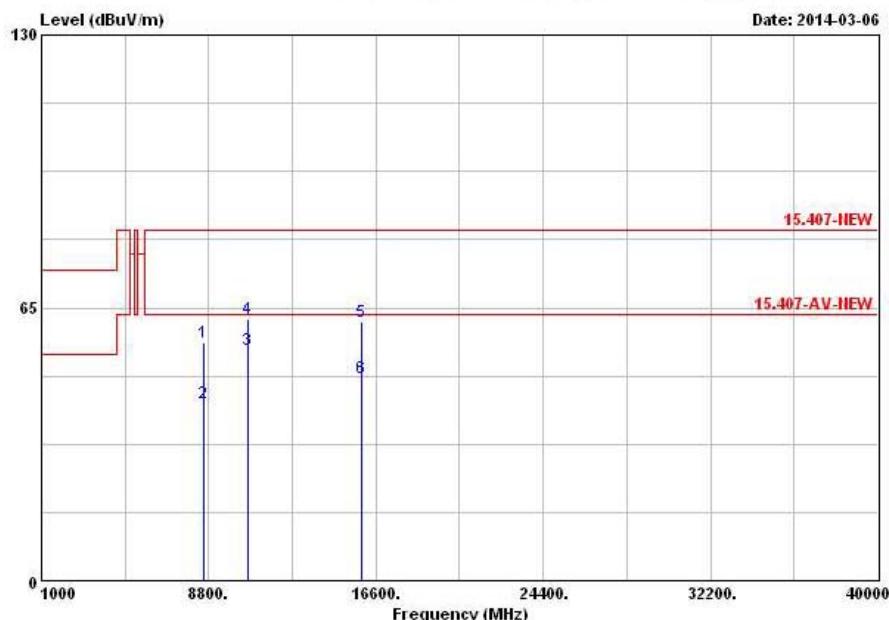
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

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.



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



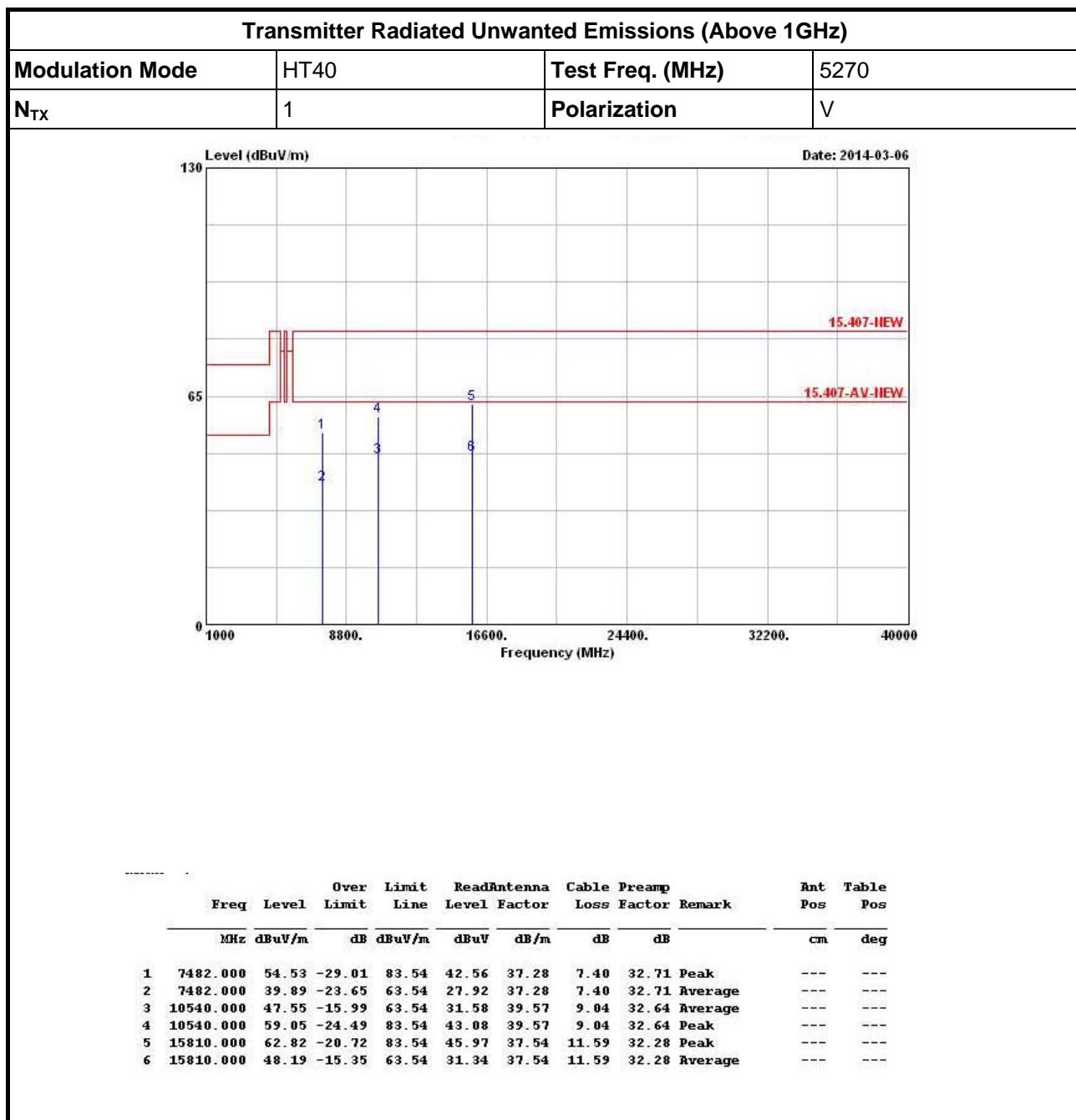
| Freq | Level | Over Limit | Limit Line | ReadIntenna | | Cable Loss | Preamp Factor | Remark | Ant Pos | Table Pos |
|-------------|--------|------------|------------|-------------|--------|------------|---------------|---------|---------|-----------|
| | | | | Level | Factor | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 8574.000 | 56.81 | -26.73 | 83.54 | 43.08 | 38.60 | 7.97 | 32.84 | Peak | --- | --- |
| 2 8574.000 | 42.15 | -21.39 | 63.54 | 28.42 | 38.60 | 7.97 | 32.84 | Average | --- | --- |
| 3 10640.000 | 55.07 | -8.47 | 63.54 | 39.09 | 39.49 | 9.07 | 32.58 | Average | --- | --- |
| 4 10640.000 | 62.19 | -21.35 | 83.54 | 46.21 | 39.49 | 9.07 | 32.58 | Peak | --- | --- |
| 5 15960.000 | 61.76 | -21.78 | 83.54 | 45.23 | 37.26 | 11.59 | 32.32 | Peak | --- | --- |
| 6 15960.000 | 48.10 | -15.44 | 63.54 | 31.57 | 37.26 | 11.59 | 32.32 | Average | --- | --- |

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.

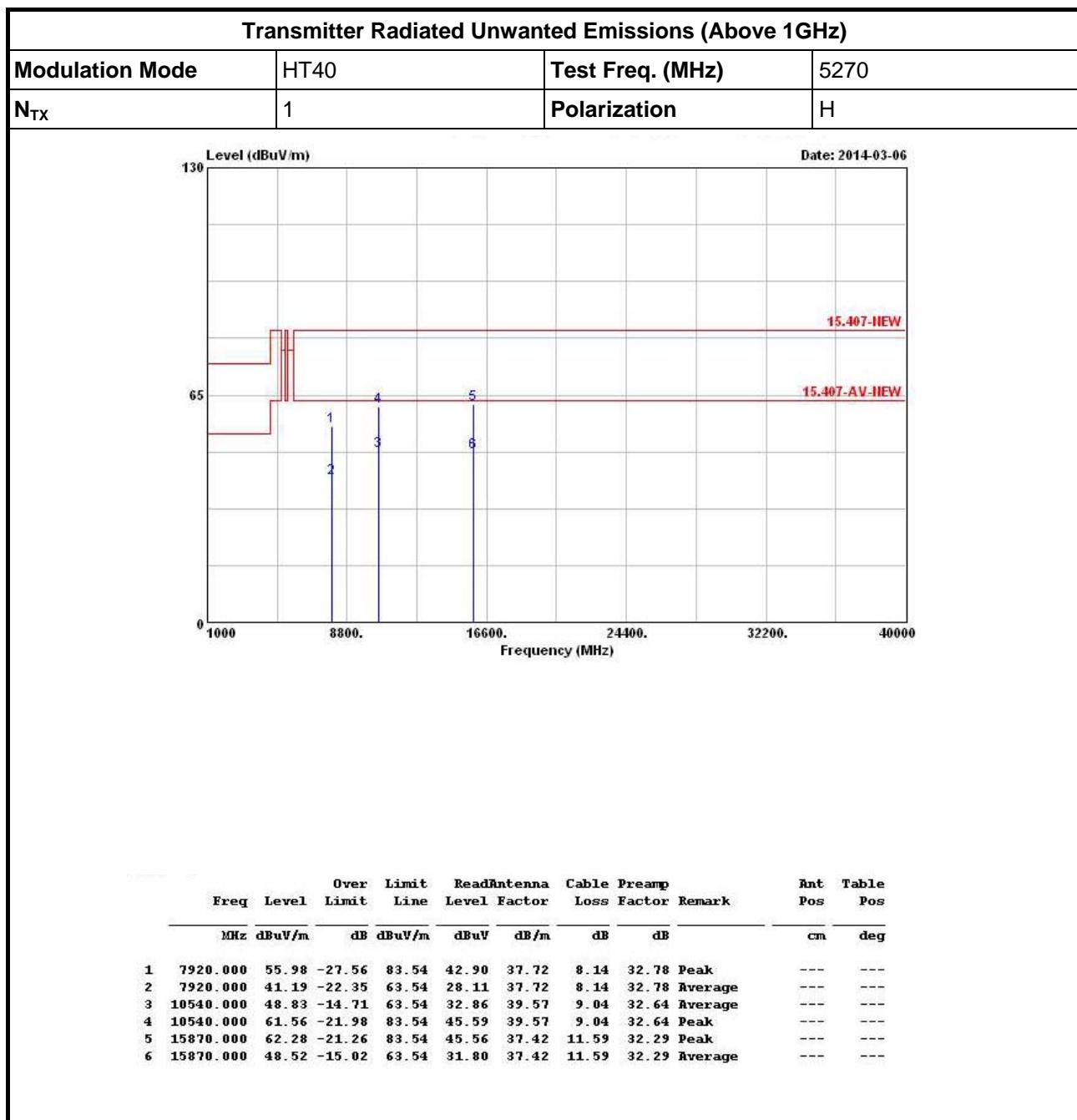


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

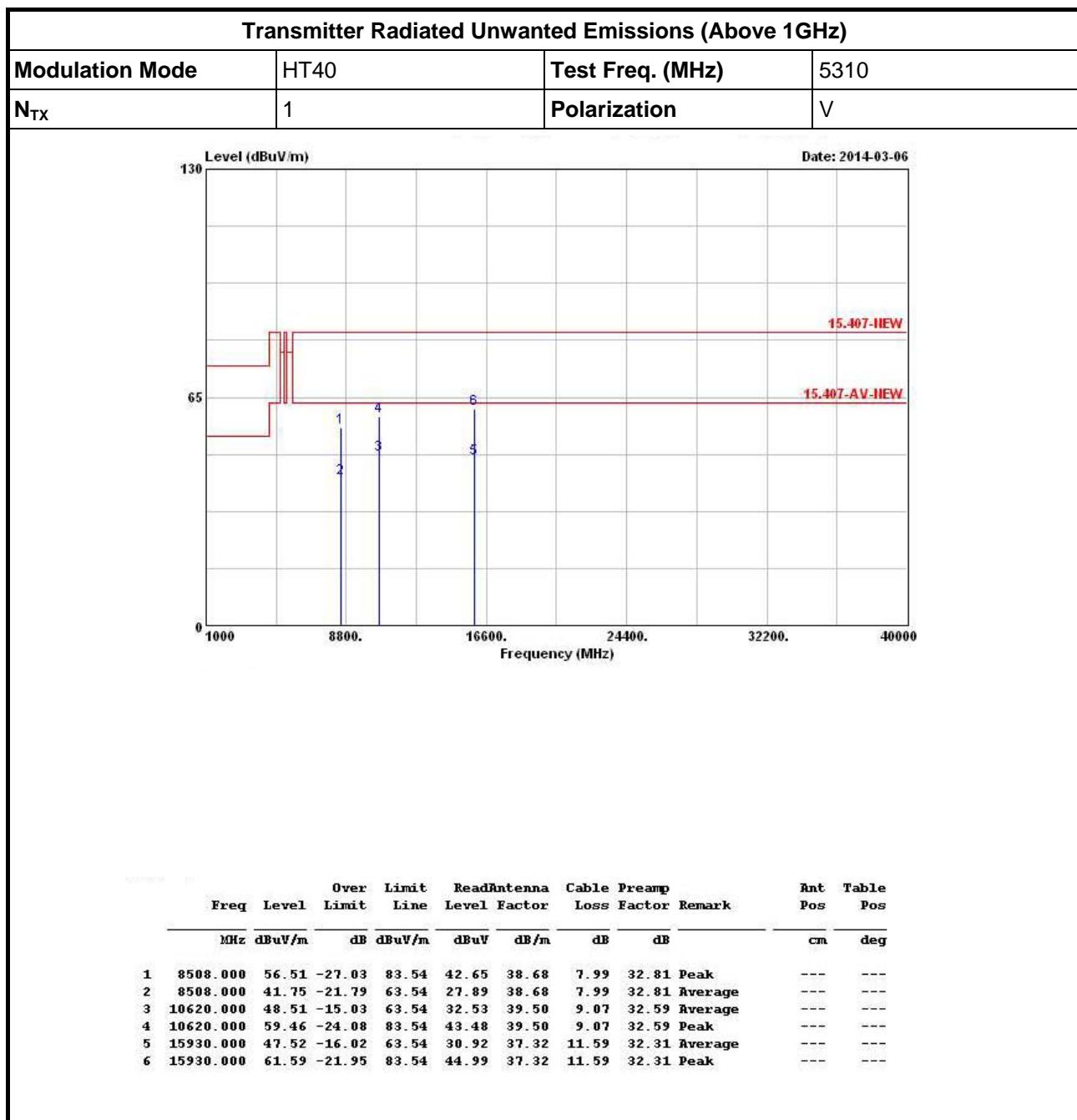


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

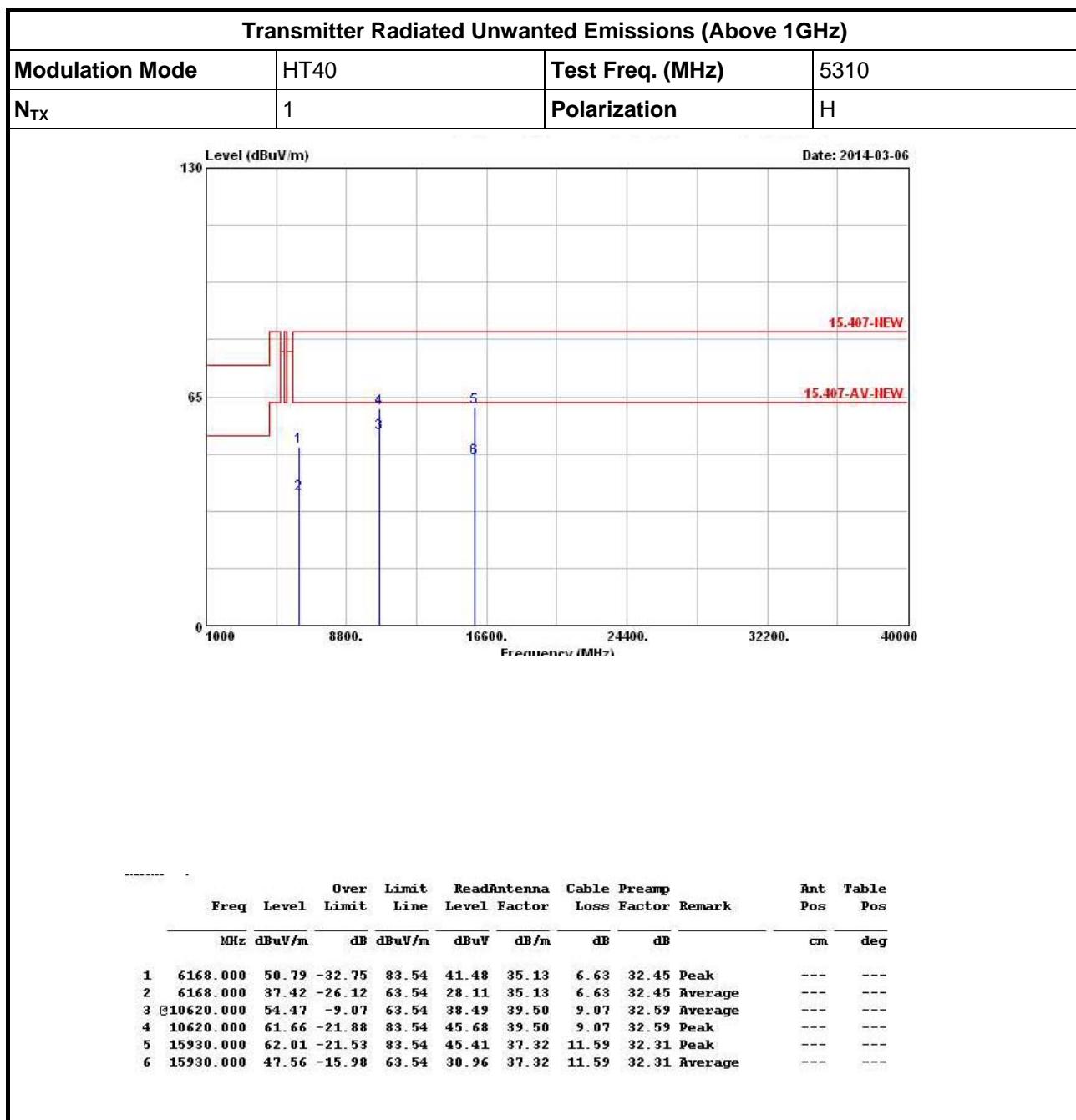


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

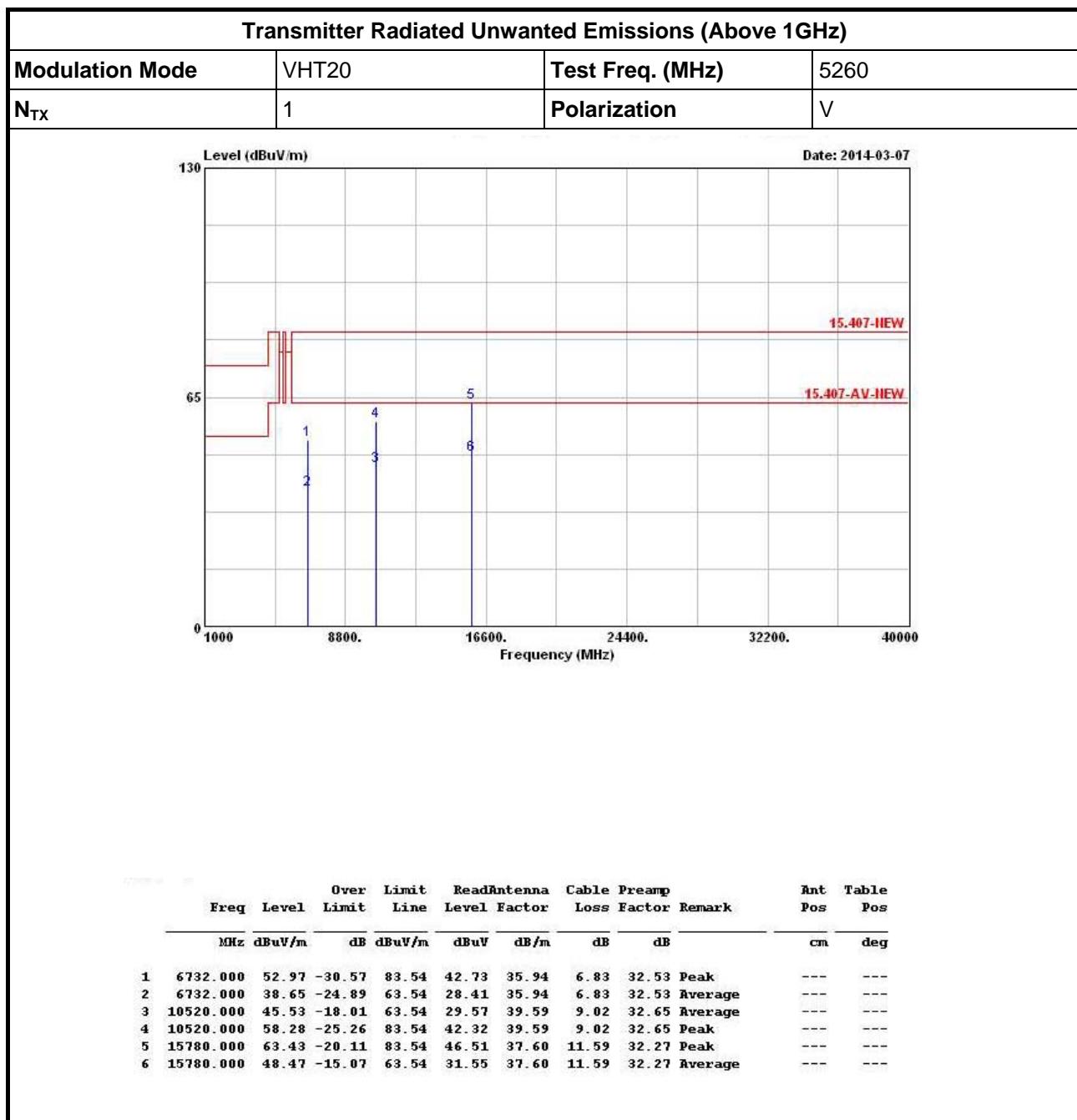


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

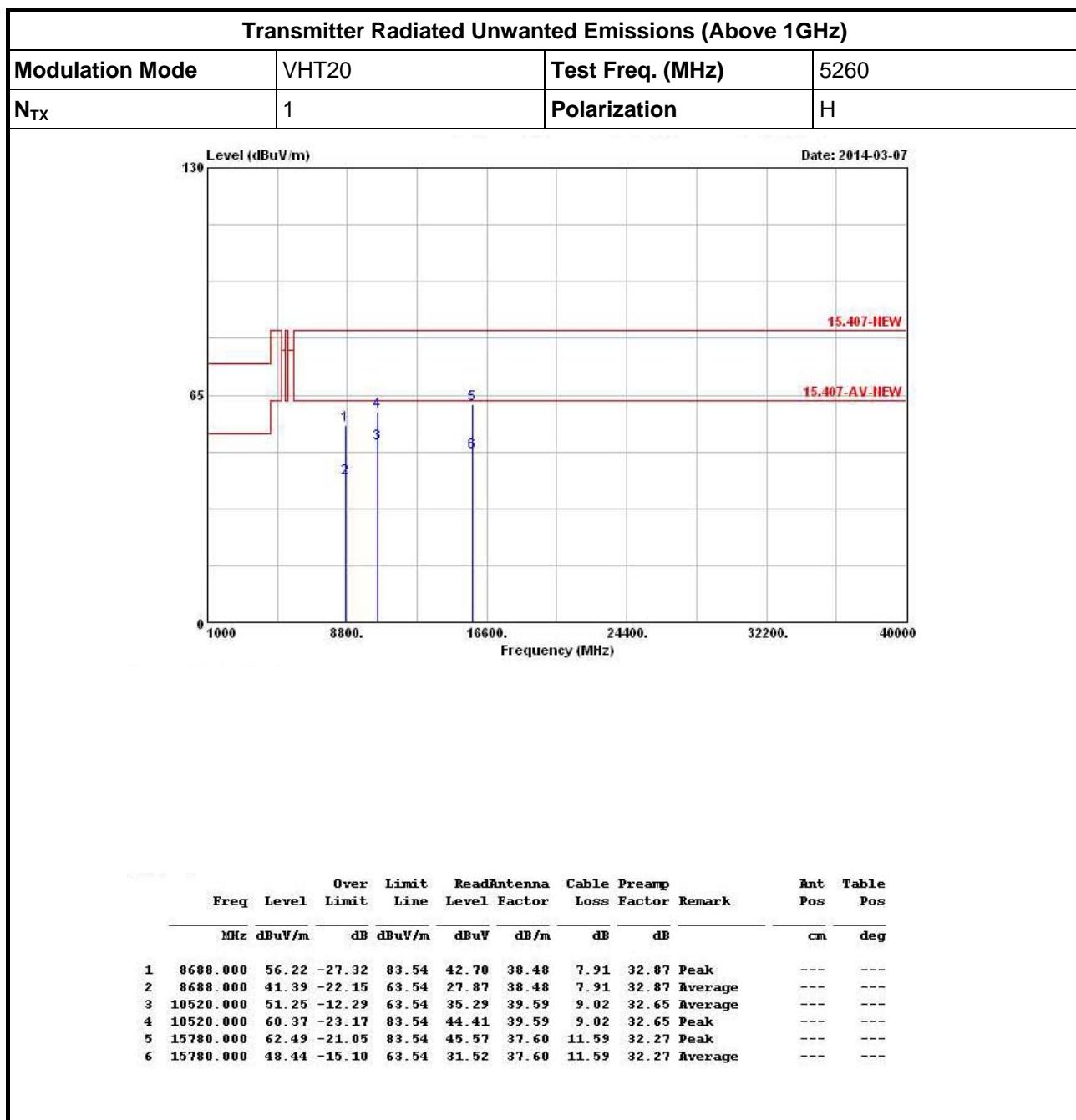


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

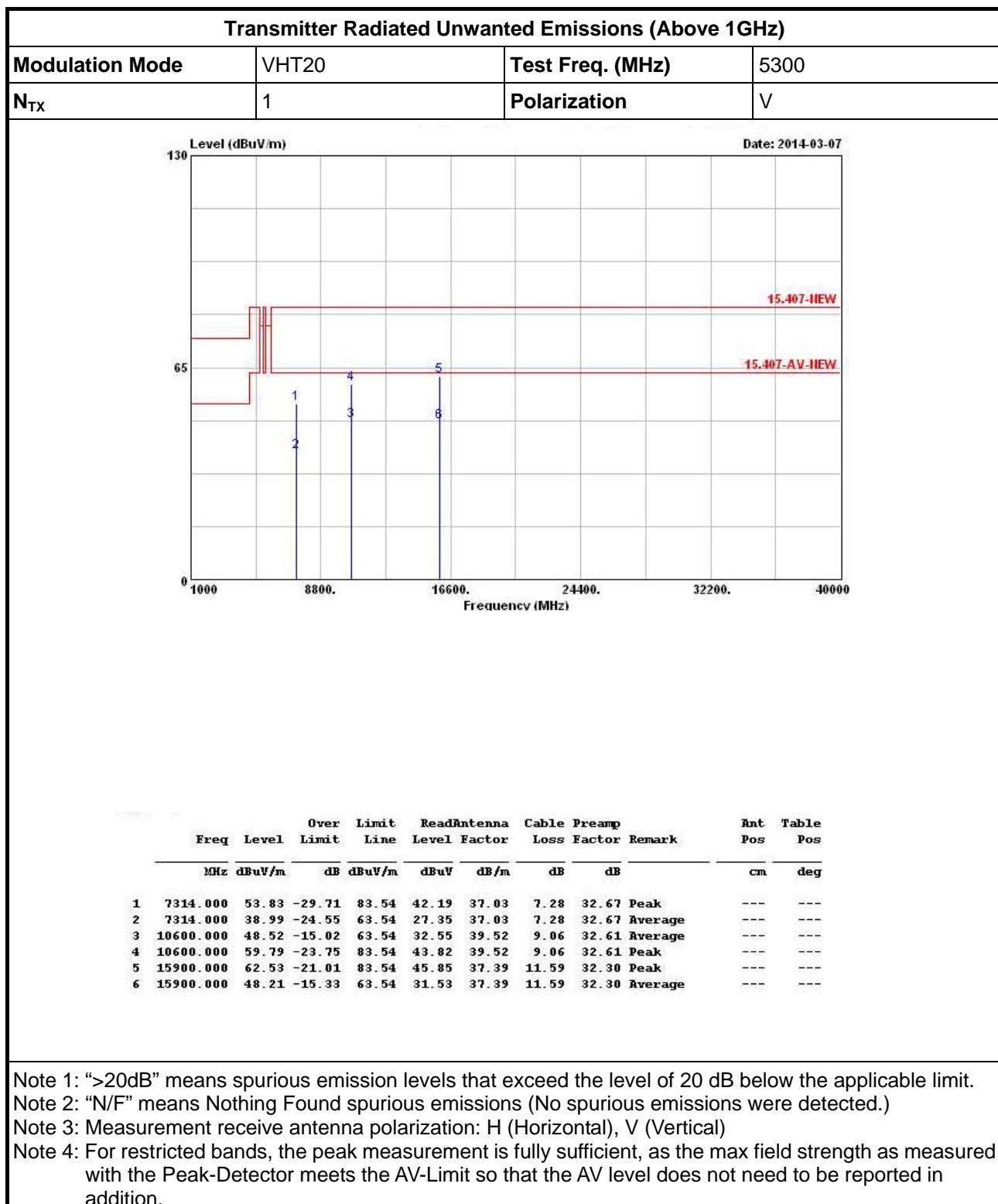


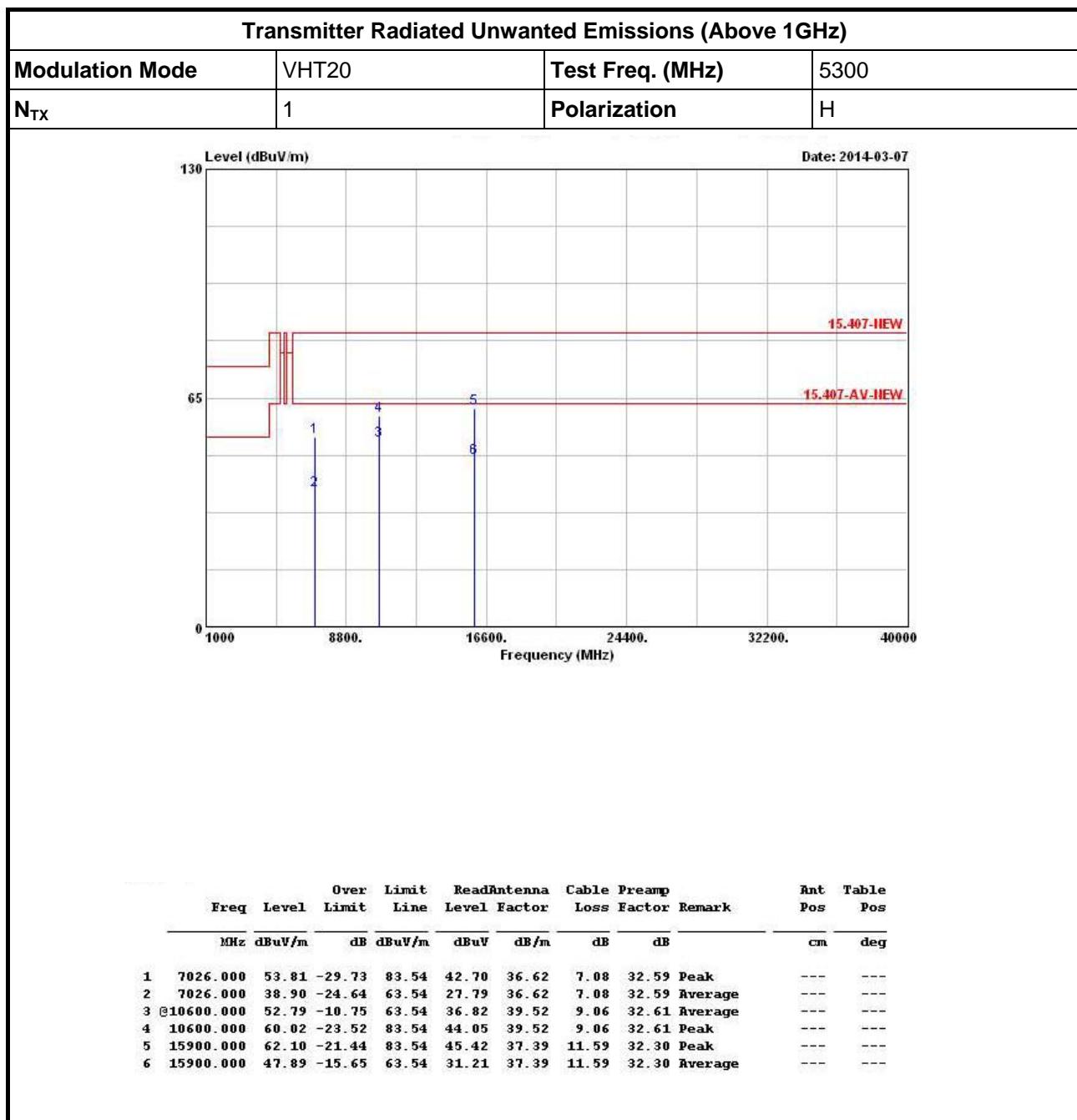
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.





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.)

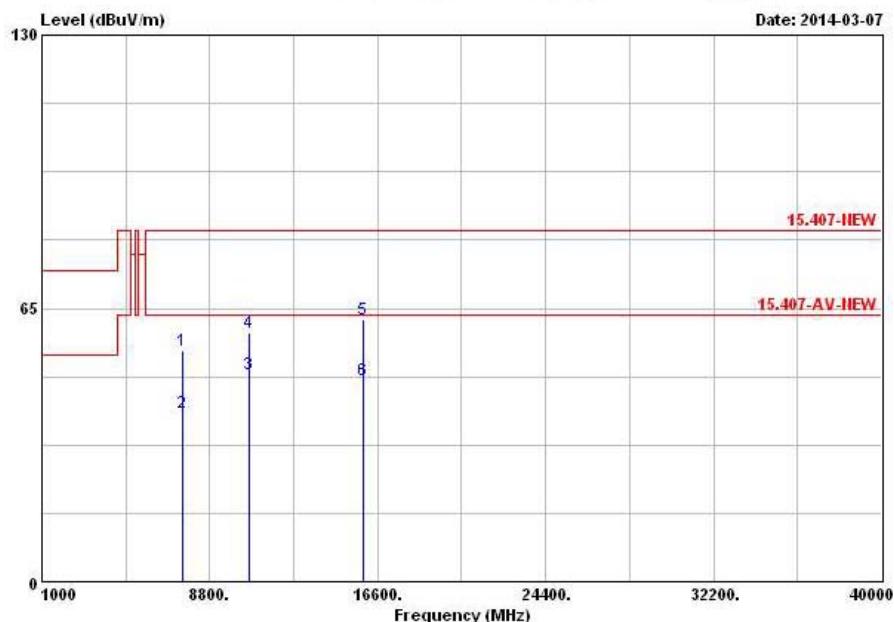
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

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.



Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|-------|------------------|------|
| Modulation Mode | VHT20 | Test Freq. (MHz) | 5320 |
| N _{TX} | 1 | Polarization | V |



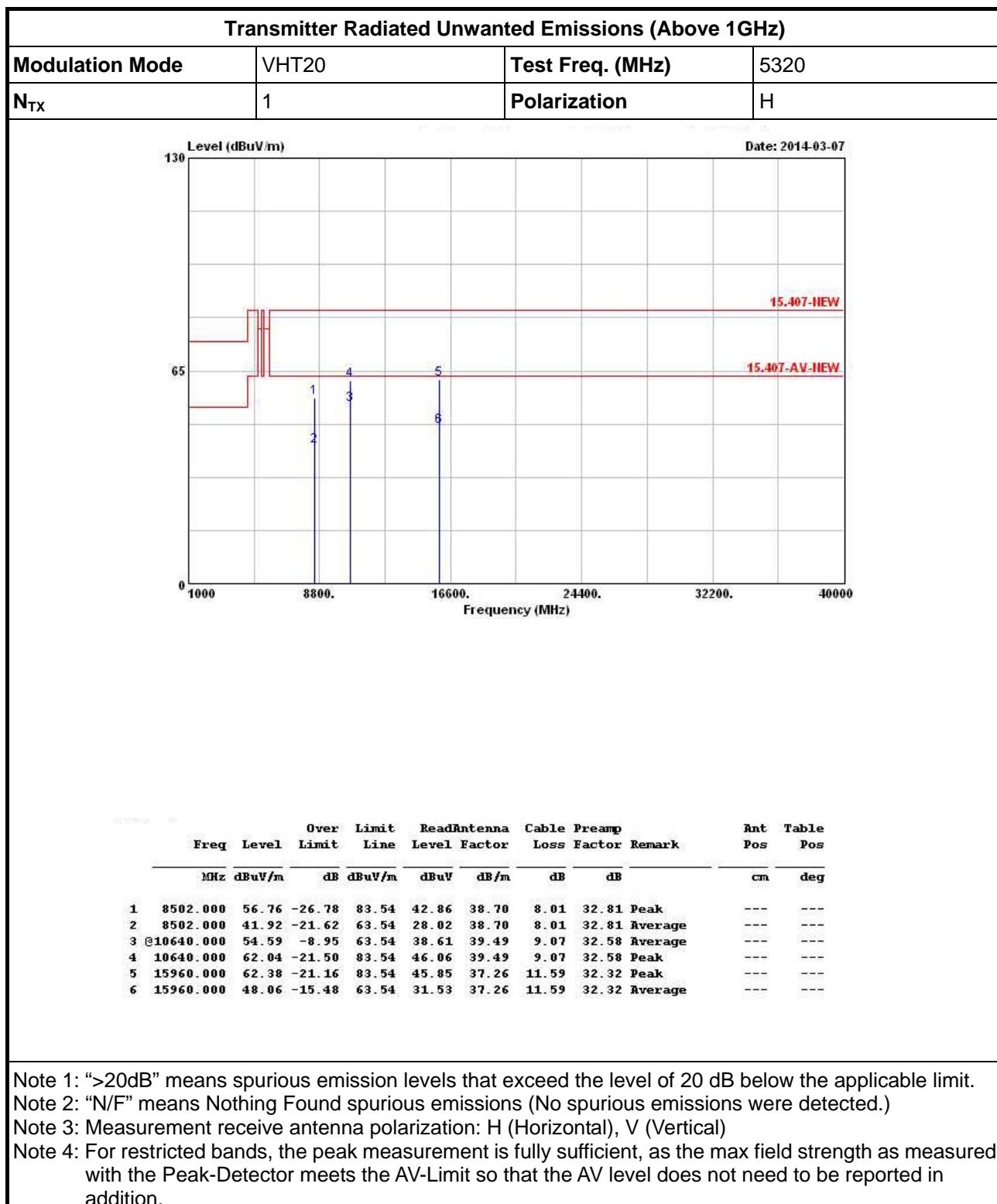
| Freq | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant Pos | Table Pos |
|-------------|--------|--------|--------|-------|---------|-------|--------|------------|--------------|
| | | Line | Limit | Level | Factor | Loss | Factor | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |
| 1 7506.000 | 54.88 | -28.66 | 83.54 | 42.85 | 37.32 | 7.43 | 32.72 | Peak | --- |
| 2 7506.000 | 40.13 | -23.41 | 63.54 | 28.10 | 37.32 | 7.43 | 32.72 | Average | --- |
| 3 10640.000 | 49.16 | -14.38 | 63.54 | 33.18 | 39.49 | 9.07 | 32.58 | Average | --- |
| 4 10640.000 | 59.34 | -24.20 | 83.54 | 43.36 | 39.49 | 9.07 | 32.58 | Peak | --- |
| 5 15960.000 | 62.25 | -21.29 | 83.54 | 45.72 | 37.26 | 11.59 | 32.32 | Peak | --- |
| 6 15960.000 | 48.00 | -15.54 | 63.54 | 31.47 | 37.26 | 11.59 | 32.32 | Average | --- |

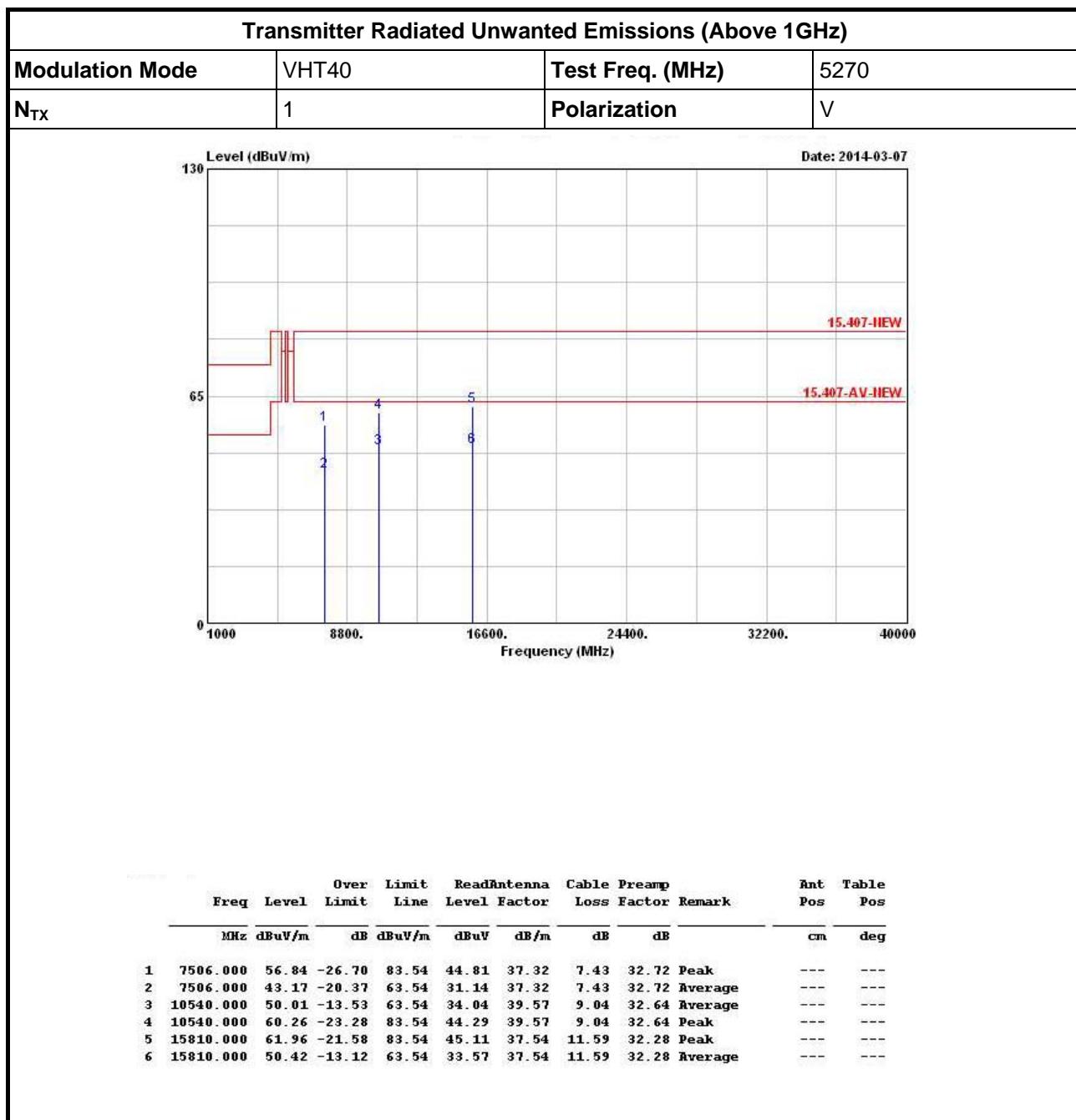
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.



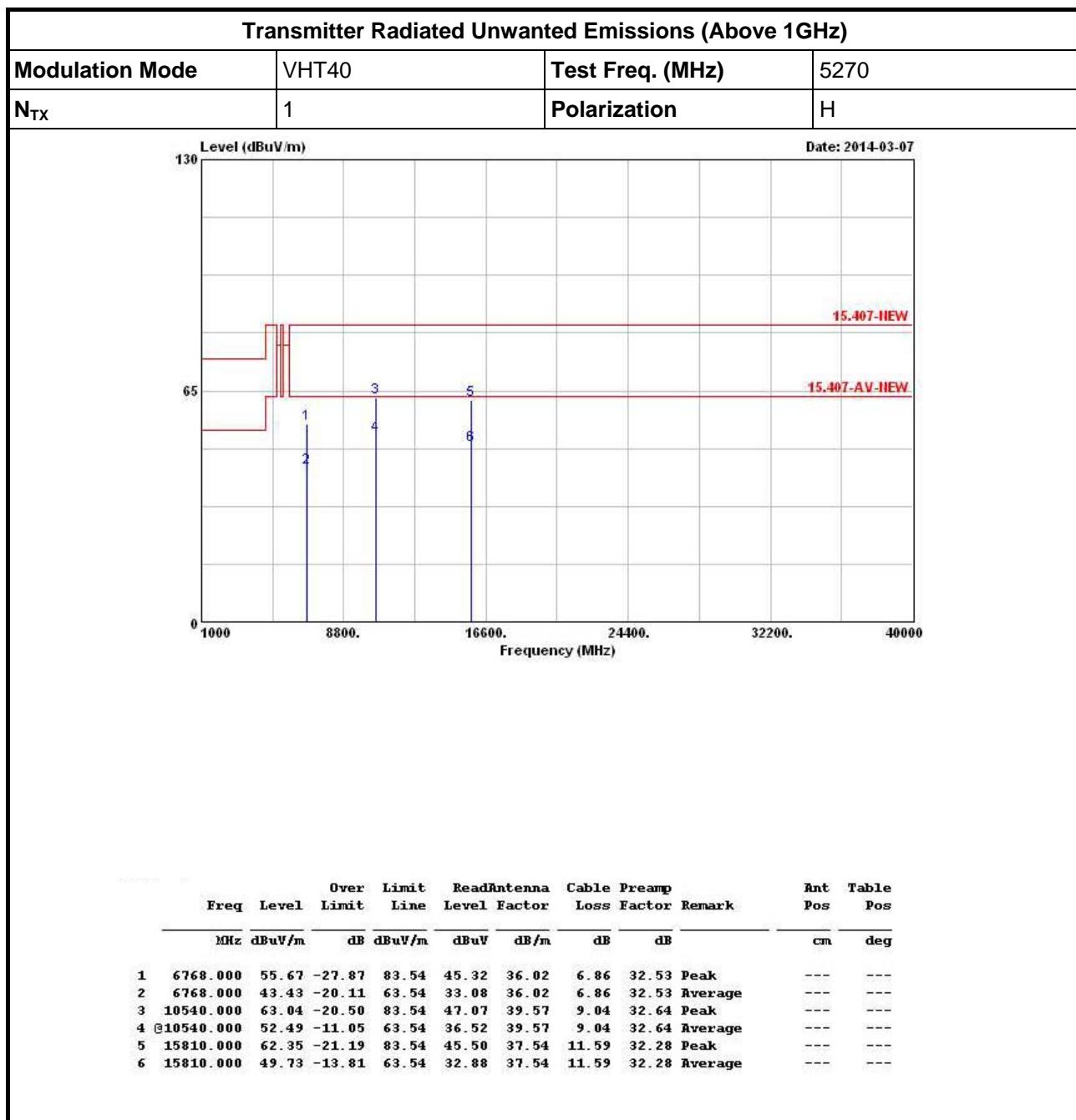


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

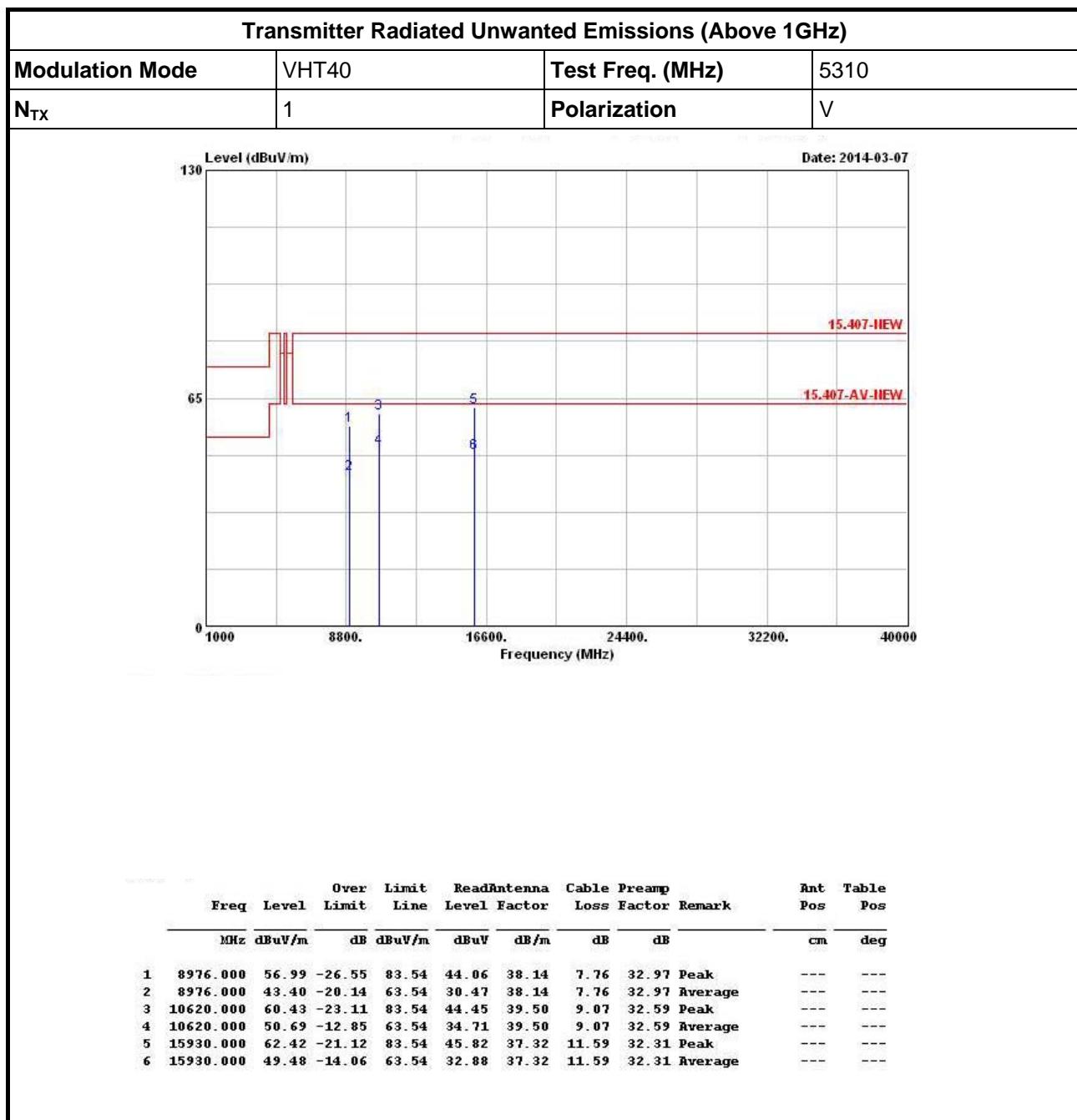


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

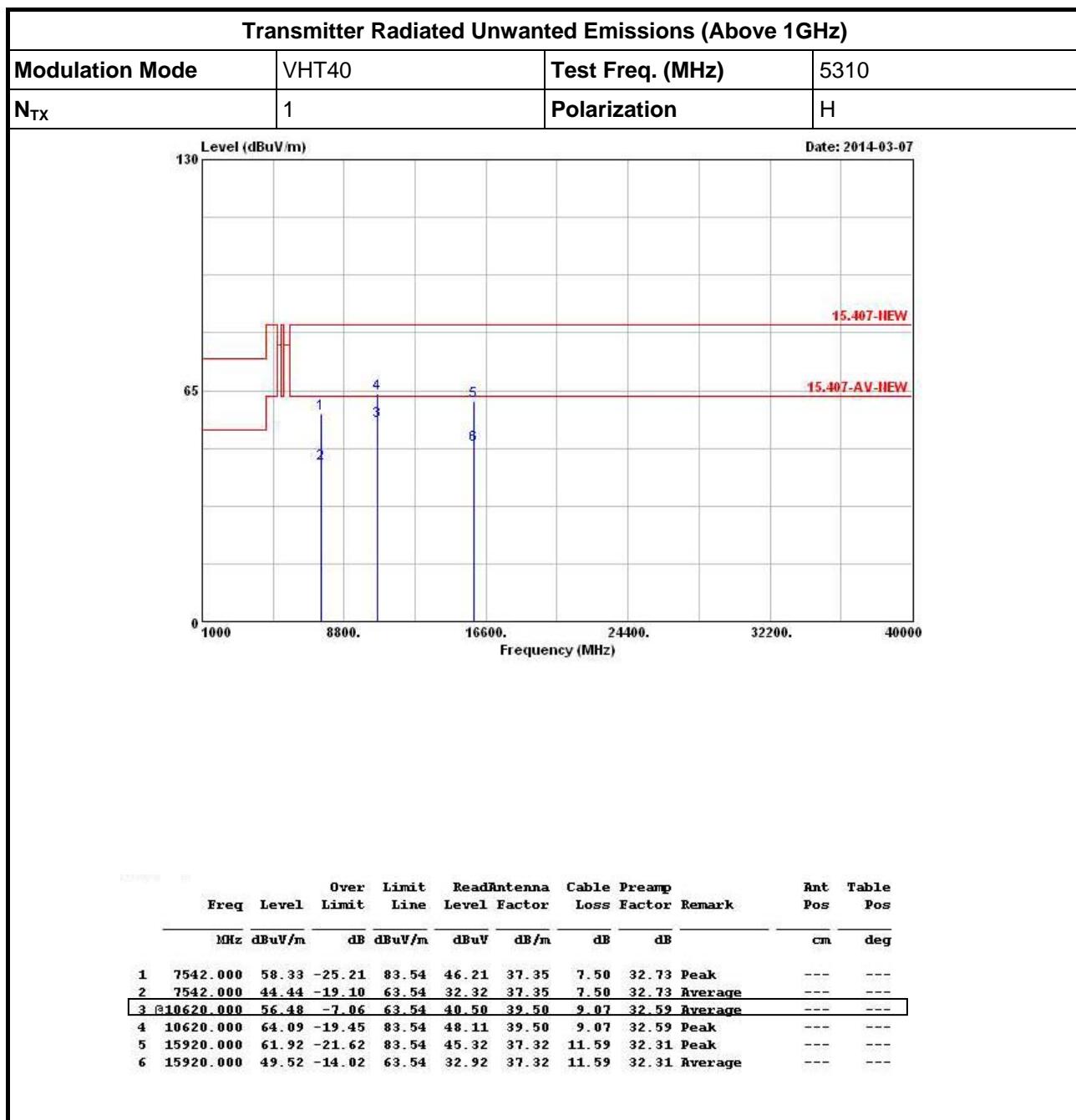


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

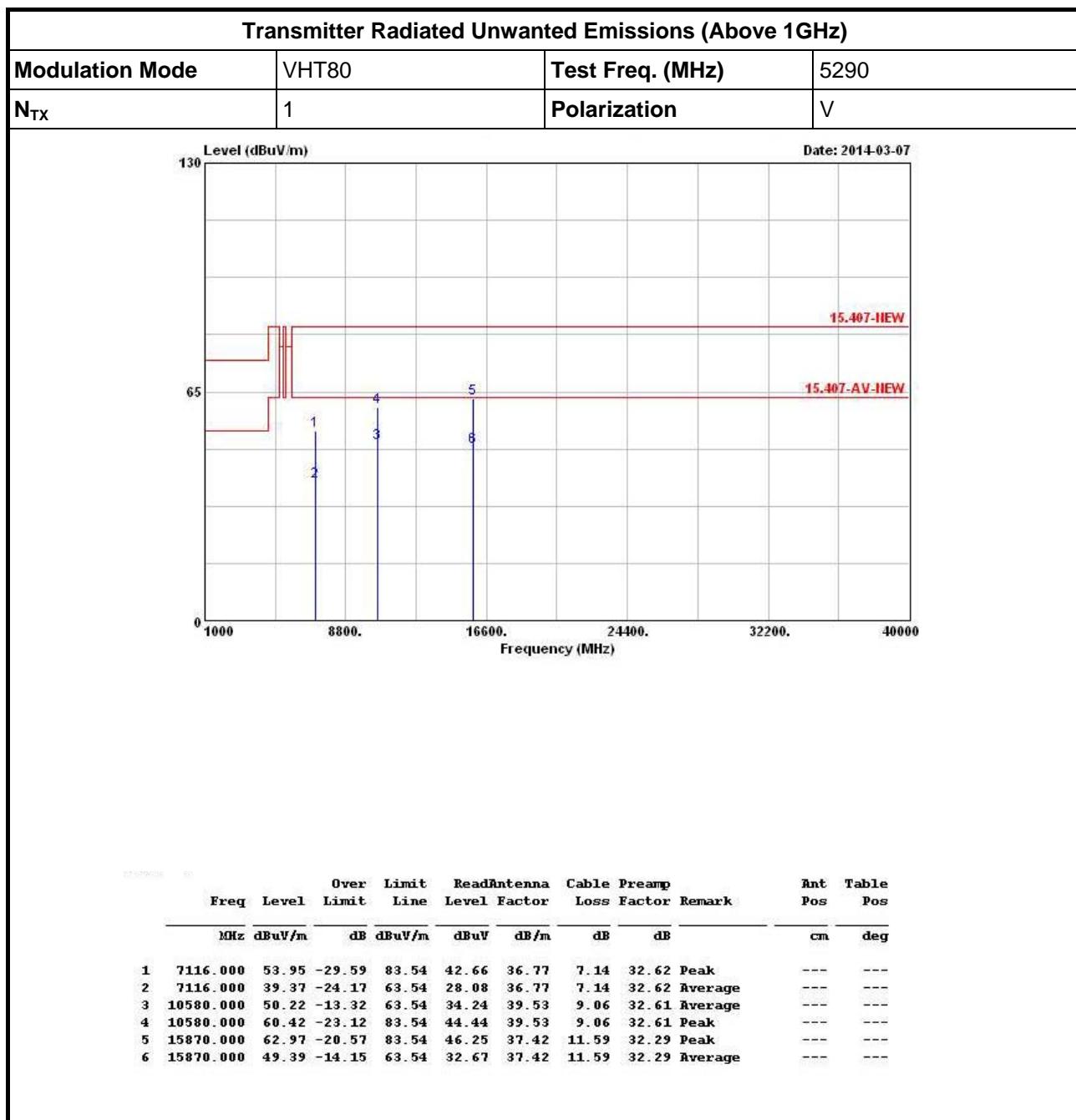


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

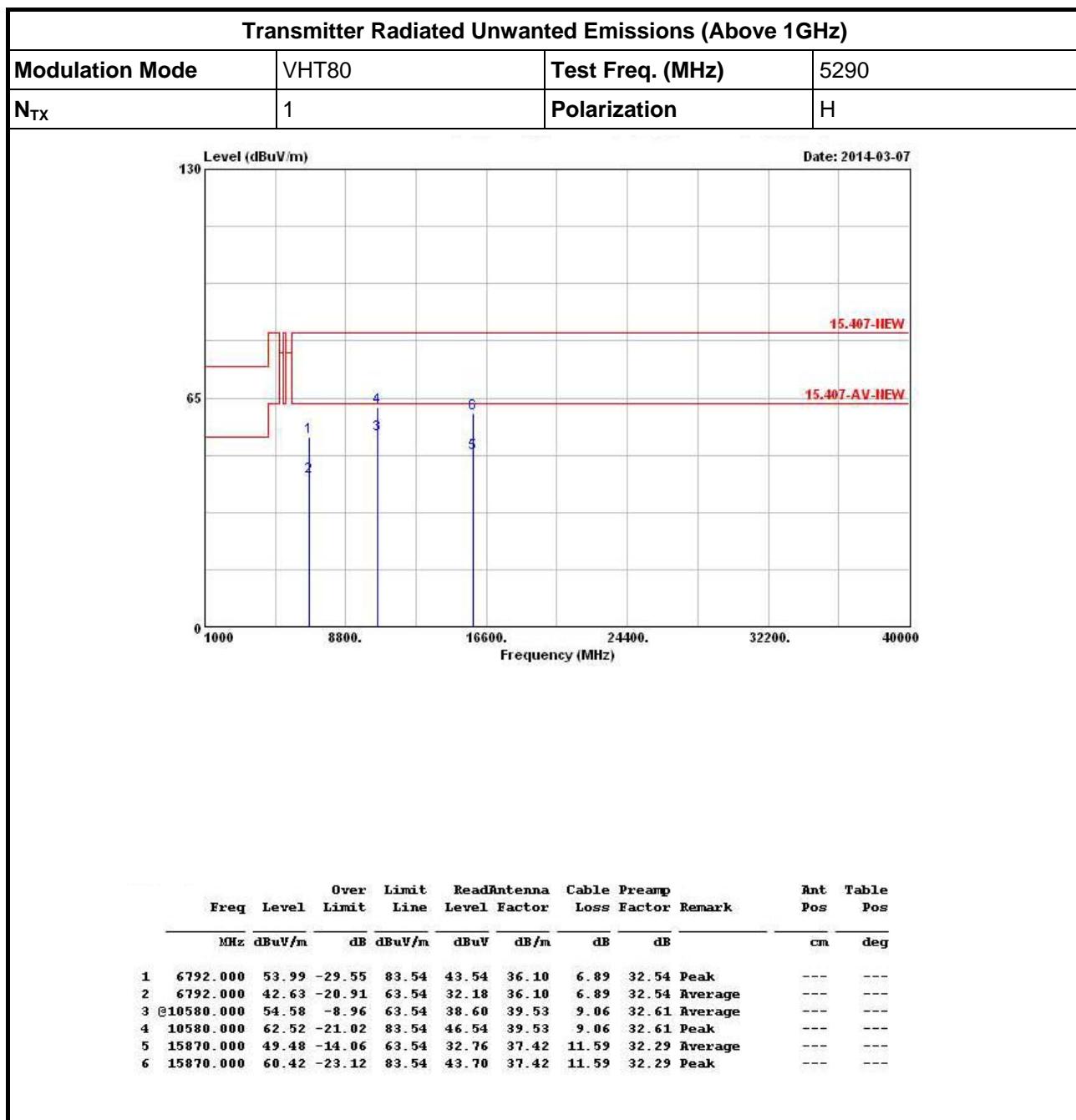


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.



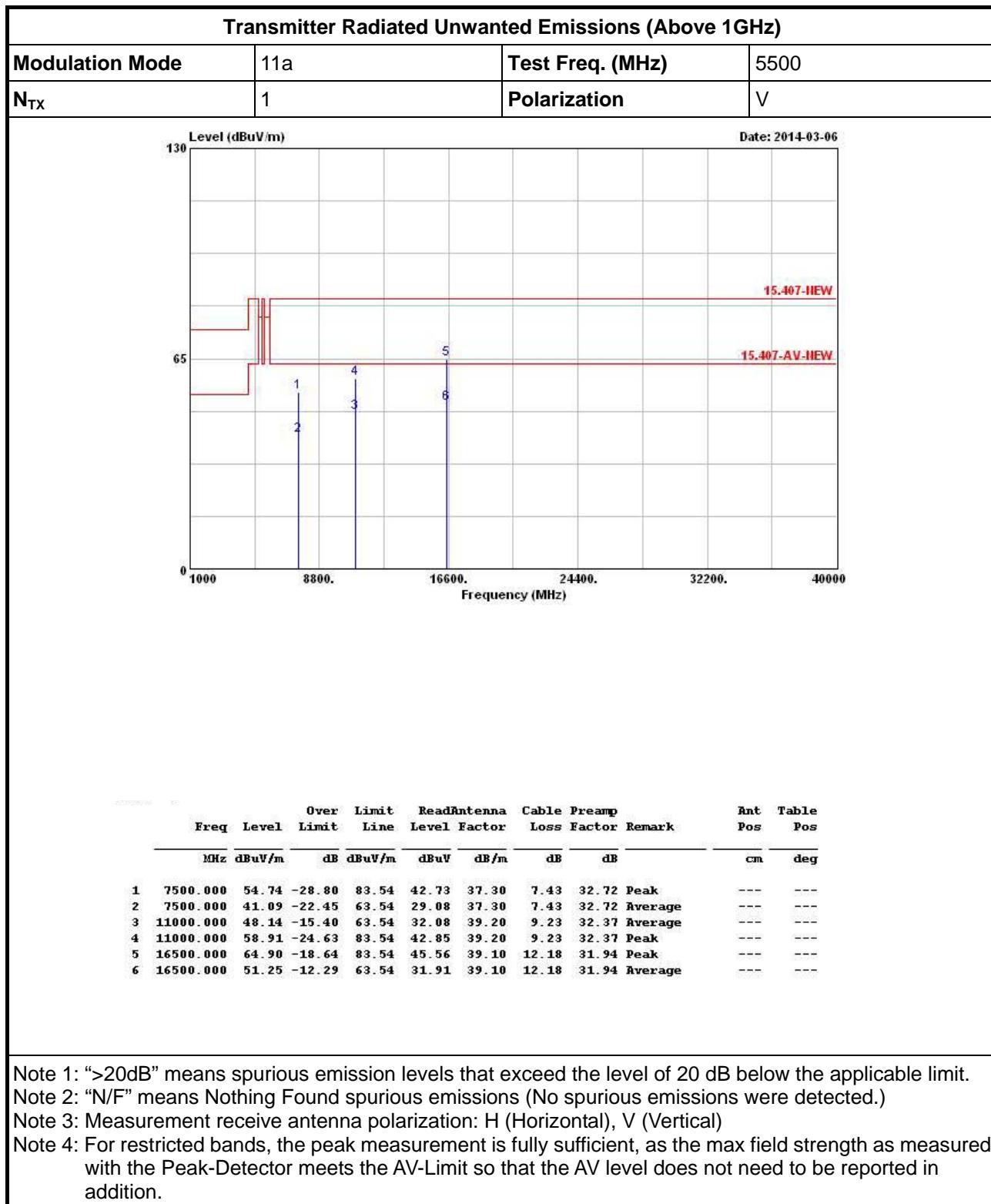
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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

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

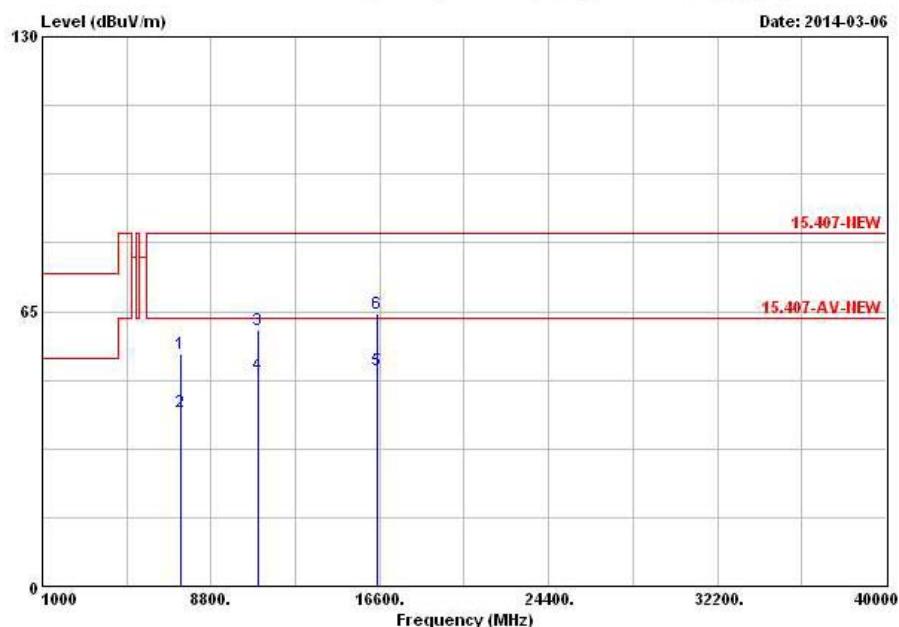
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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





| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | |
|------------------------------------------------------|-----|------------------|------|
| Modulation Mode | 11a | Test Freq. (MHz) | 5500 |
| N _{TX} | 1 | Polarization | H |



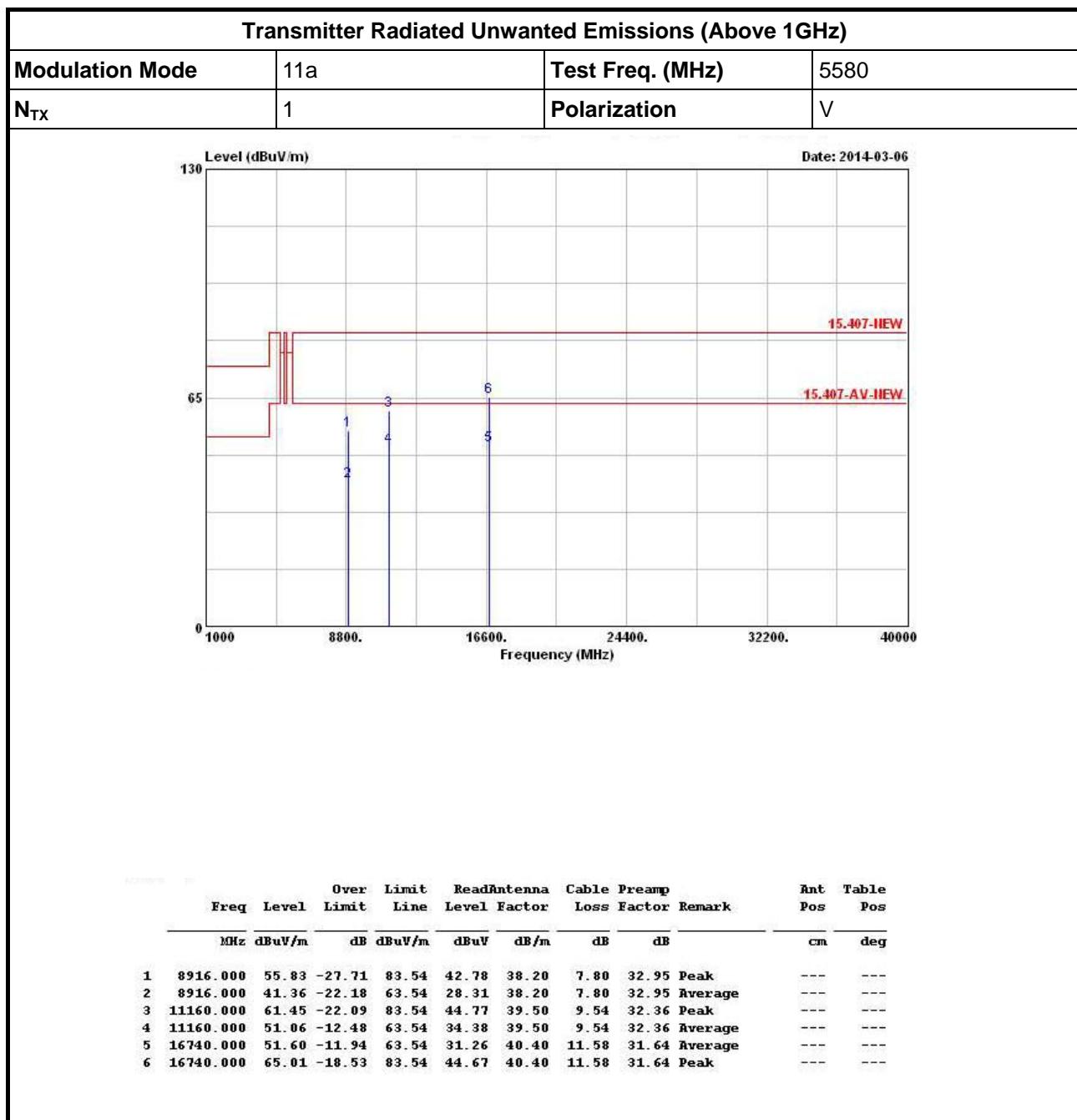
| Freq | Level | Over | Limit | ReadAntenna | | Cable Preamp | | | Ant | Table |
|-------------|--------|--------|--------|-------------|-------|--------------|--------|---------|-----|-------|
| | | Line | Level | Factor | Loss | Factor | Remark | Pos | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 7422.000 | 54.95 | -28.59 | 83.54 | 43.08 | 37.20 | 7.37 | 32.70 | Peak | --- | --- |
| 2 7422.000 | 41.18 | -22.36 | 63.54 | 29.31 | 37.20 | 7.37 | 32.70 | Average | --- | --- |
| 3 11000.000 | 60.67 | -22.87 | 83.54 | 44.61 | 39.20 | 9.23 | 32.37 | Peak | --- | --- |
| 4 11000.000 | 49.97 | -13.57 | 63.54 | 33.91 | 39.20 | 9.23 | 32.37 | Average | --- | --- |
| 5 16500.000 | 51.08 | -12.46 | 63.54 | 31.74 | 39.10 | 12.18 | 31.94 | Average | --- | --- |
| 6 16500.000 | 64.61 | -18.93 | 83.54 | 45.27 | 39.10 | 12.18 | 31.94 | Peak | --- | --- |

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.

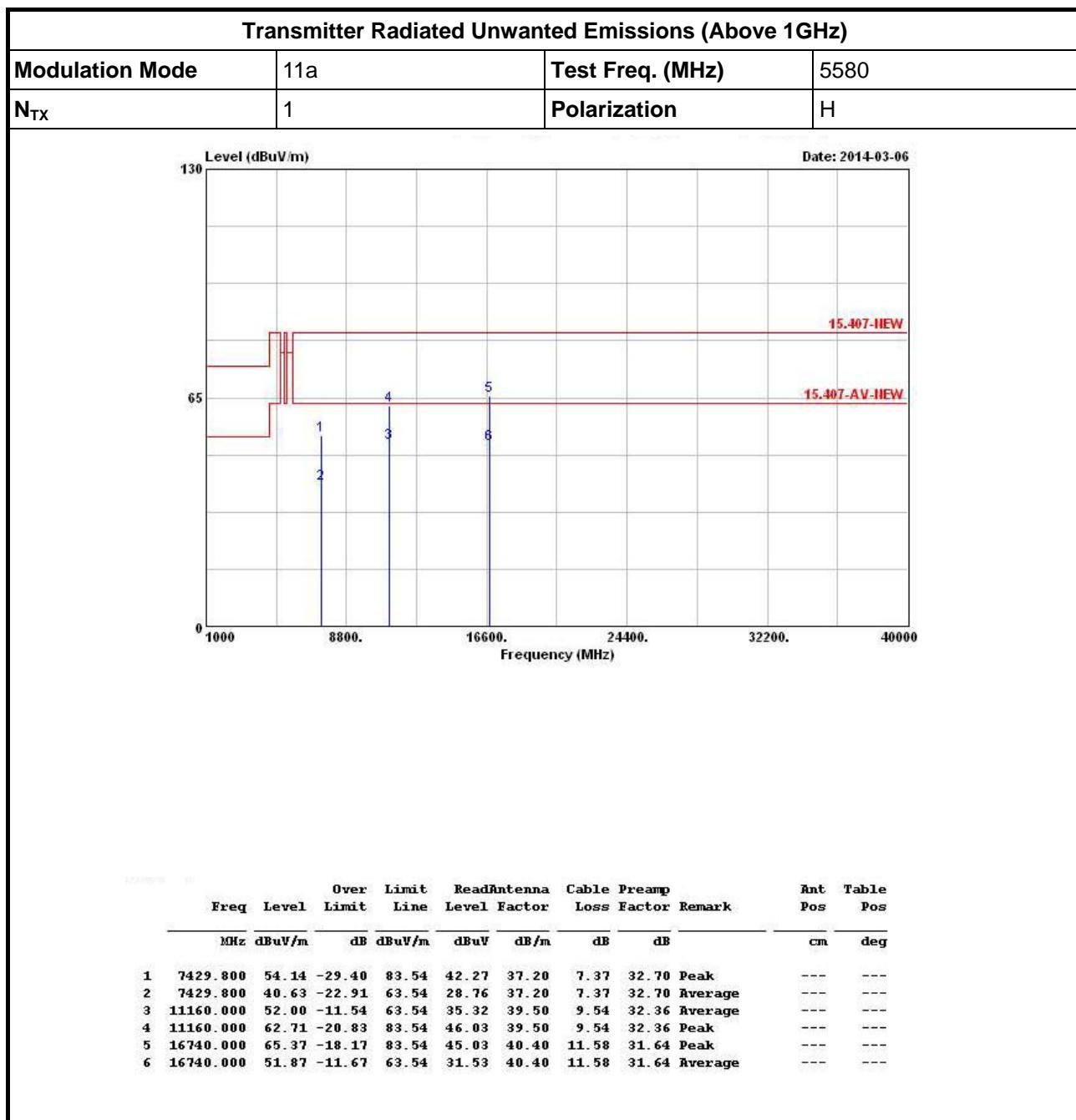


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

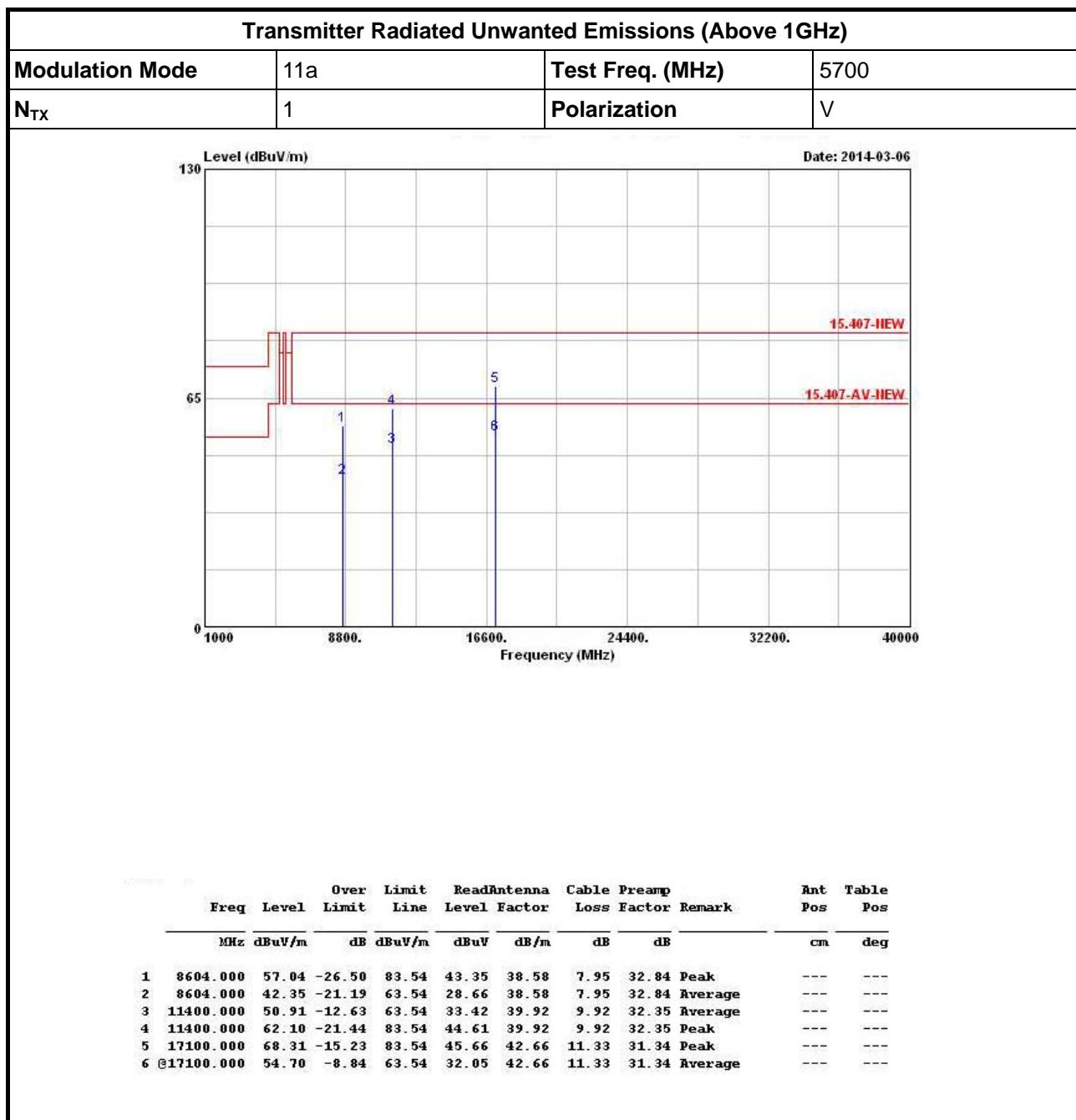


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.



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.)

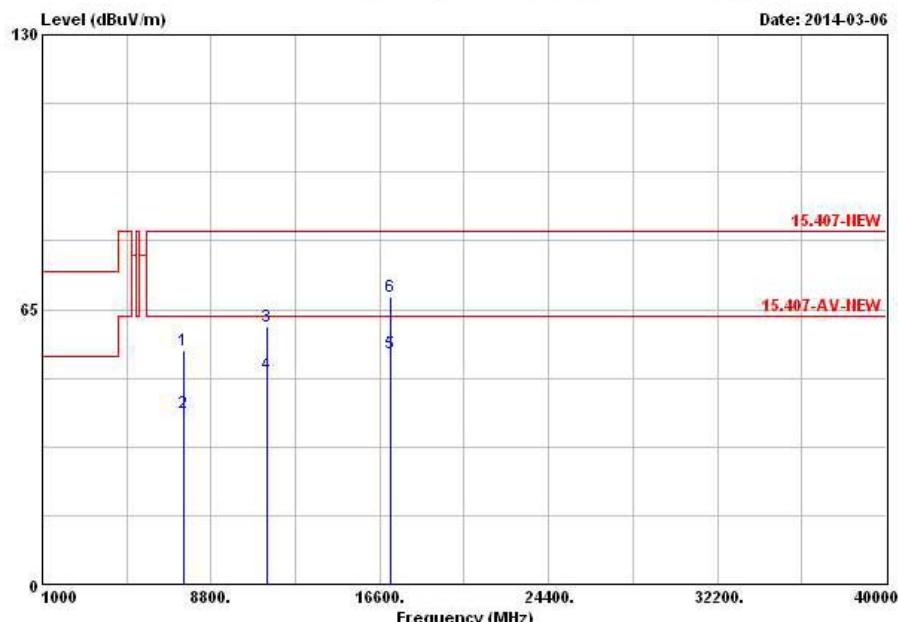
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

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.



Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|-----|------------------|------|
| Modulation Mode | 11a | Test Freq. (MHz) | 5700 |
| N _{TX} | 1 | Polarization | H |



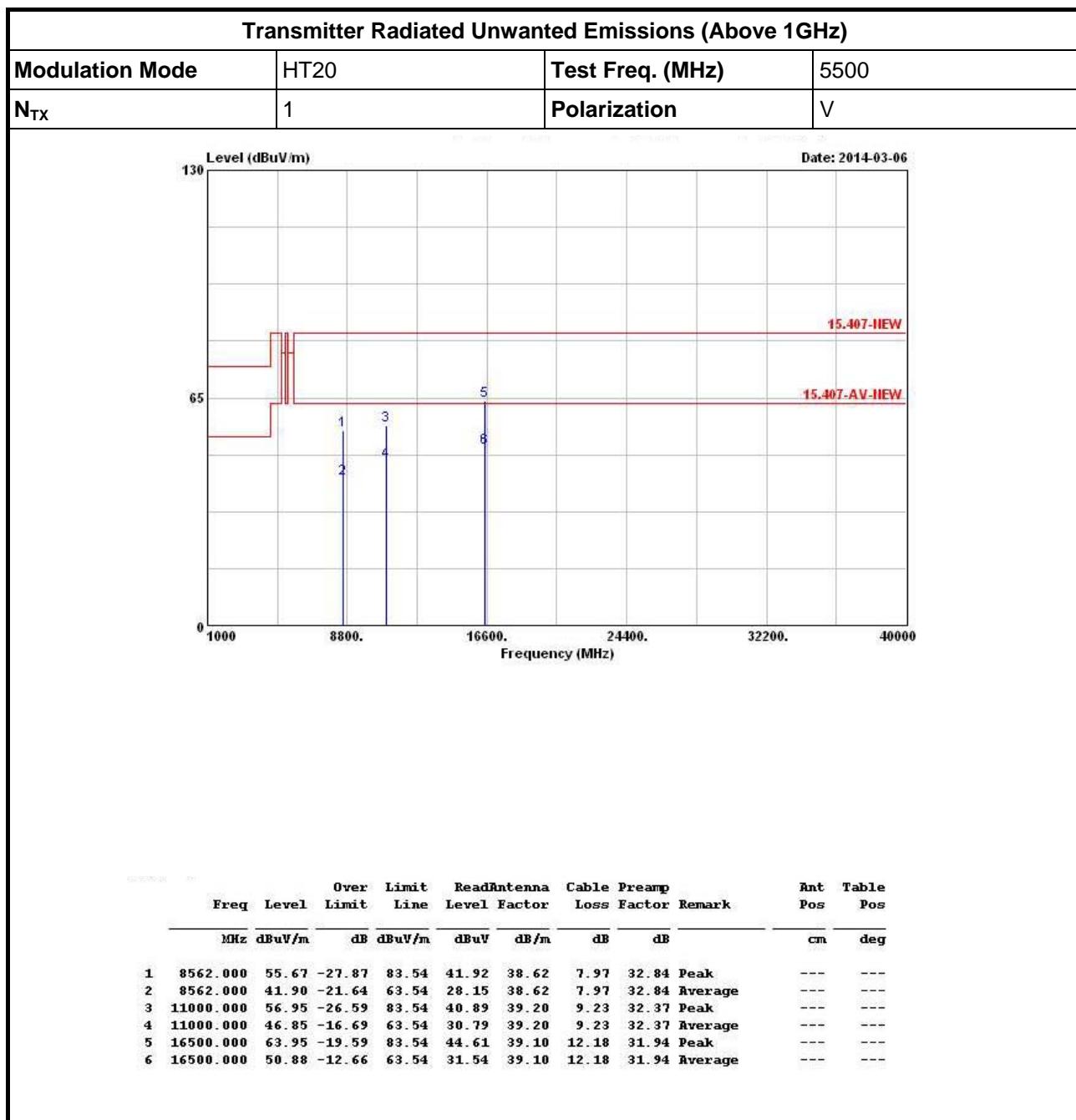
| Freq | Level | Over Limit | Line | Read | Antenna | Cable | Preamp | Remark | Ant | Table |
|-------------|--------|------------|-------|--------|---------|-------|--------|---------|-----|-------|
| | | | | | | | | | Pos | Pos |
| MHz | dBuV/m | | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |
| 1 7506.000 | 55.25 | -28.29 | 83.54 | 43.22 | 37.32 | 7.43 | 32.72 | Peak | --- | --- |
| 2 7506.000 | 40.54 | -23.00 | 63.54 | 28.51 | 37.32 | 7.43 | 32.72 | Average | --- | --- |
| 3 11400.000 | 60.81 | -22.73 | 83.54 | 43.32 | 39.92 | 9.92 | 32.35 | Peak | --- | --- |
| 4 11400.000 | 49.71 | -13.83 | 63.54 | 32.22 | 39.92 | 9.92 | 32.35 | Average | --- | --- |
| 5 17100.000 | 54.64 | -8.90 | 63.54 | 31.99 | 42.66 | 11.33 | 31.34 | Average | --- | --- |
| 6 17100.000 | 68.01 | -15.53 | 83.54 | 45.36 | 42.66 | 11.33 | 31.34 | Peak | --- | --- |

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.

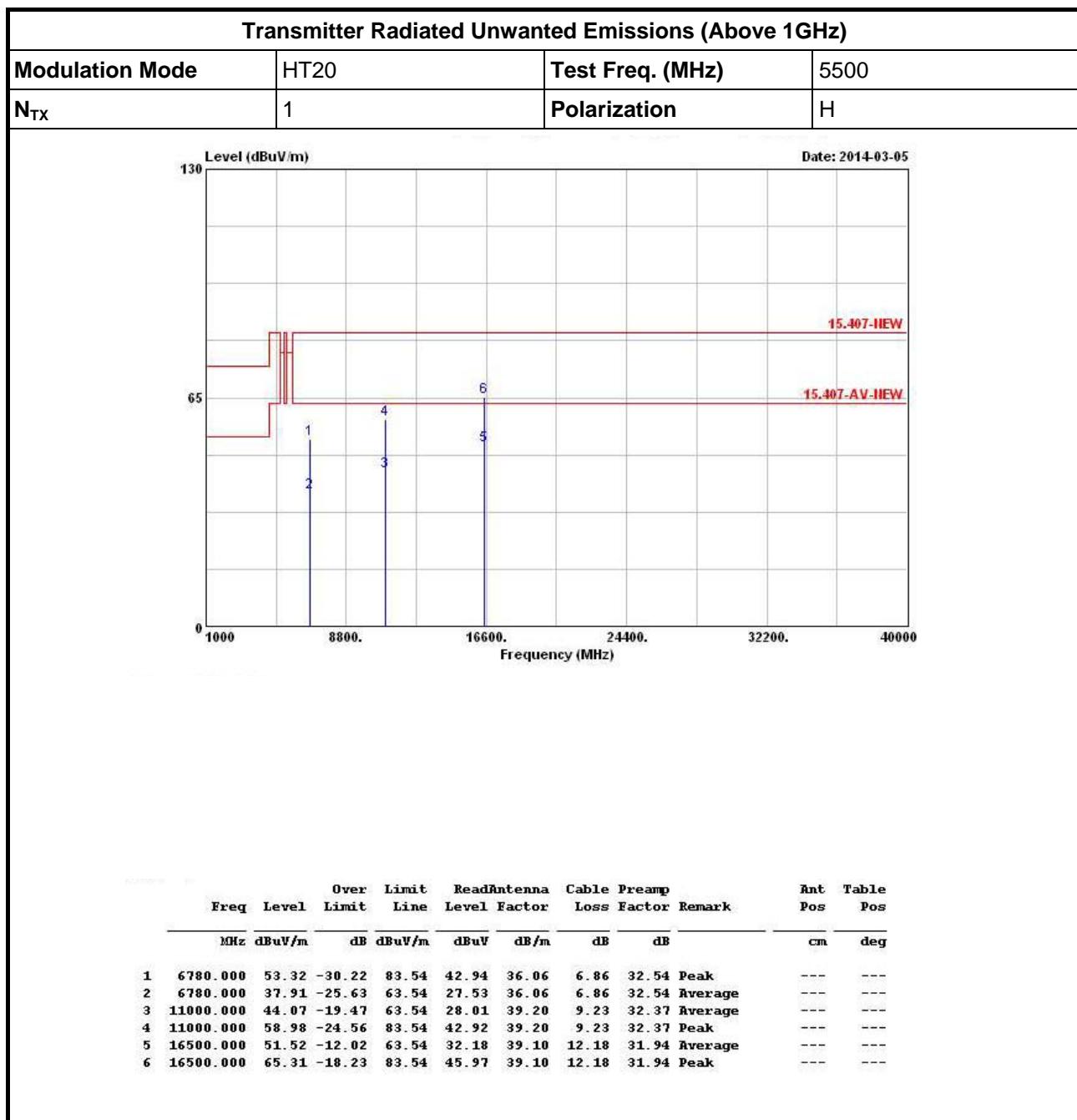


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

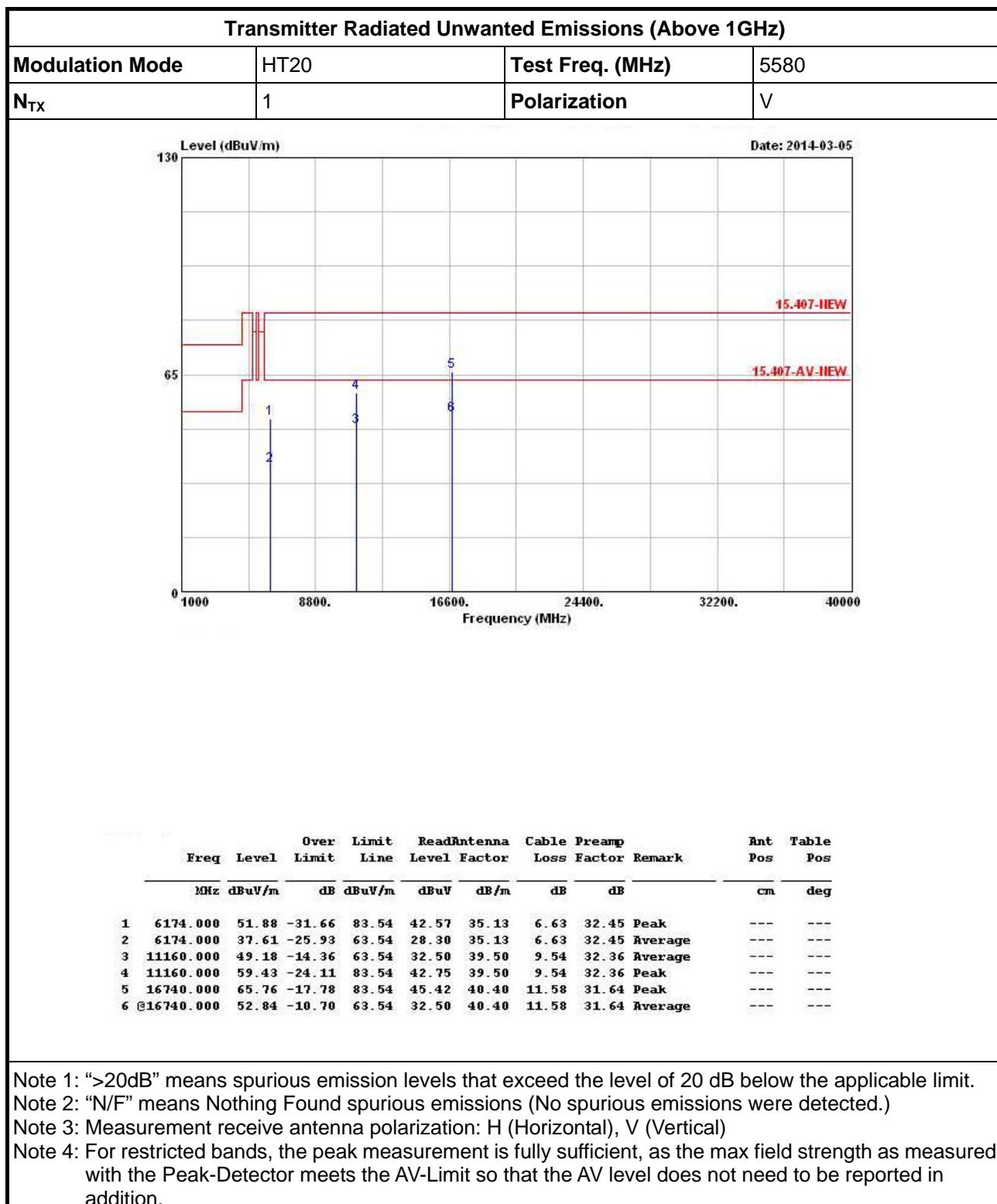


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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

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

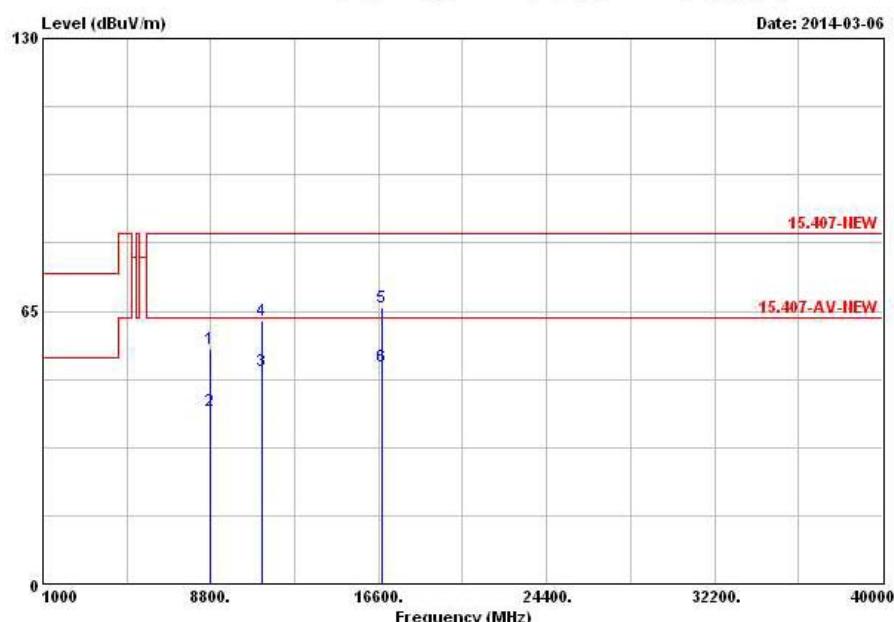
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.





Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|------|------------------|------|
| Modulation Mode | HT20 | Test Freq. (MHz) | 5580 |
| N _{TX} | 1 | Polarization | H |



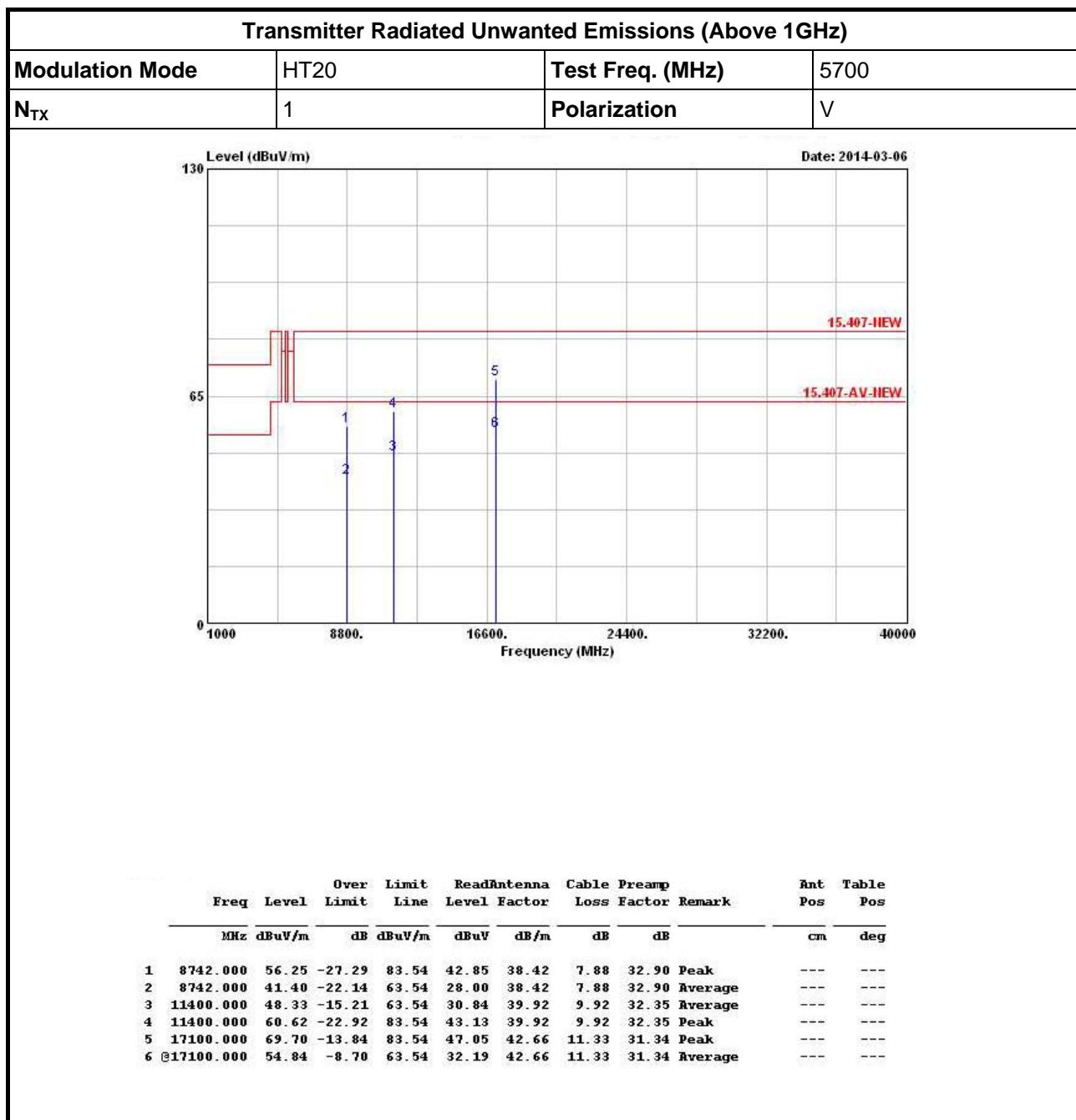
| Freq | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant Pos | Table Pos |
|-------------|--------|--------|--------|---------|---------|--------|--------|------------|--------------|
| | | Line | Line | Antenna | Cable | Preamp | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |
| 1 8790.000 | 56.17 | -27.37 | 83.54 | 42.85 | 38.36 | 7.86 | 32.90 | Peak | --- |
| 2 8790.000 | 41.32 | -22.22 | 63.54 | 28.00 | 38.36 | 7.86 | 32.90 | Average | --- |
| 3 11160.000 | 50.58 | -12.96 | 63.54 | 33.90 | 39.50 | 9.54 | 32.36 | Average | --- |
| 4 11160.000 | 62.60 | -20.94 | 83.54 | 45.92 | 39.50 | 9.54 | 32.36 | Peak | --- |
| 5 16740.000 | 65.93 | -17.61 | 83.54 | 45.59 | 40.40 | 11.58 | 31.64 | Peak | --- |
| 6 16740.000 | 51.63 | -11.91 | 63.54 | 31.29 | 40.40 | 11.58 | 31.64 | Average | --- |

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.

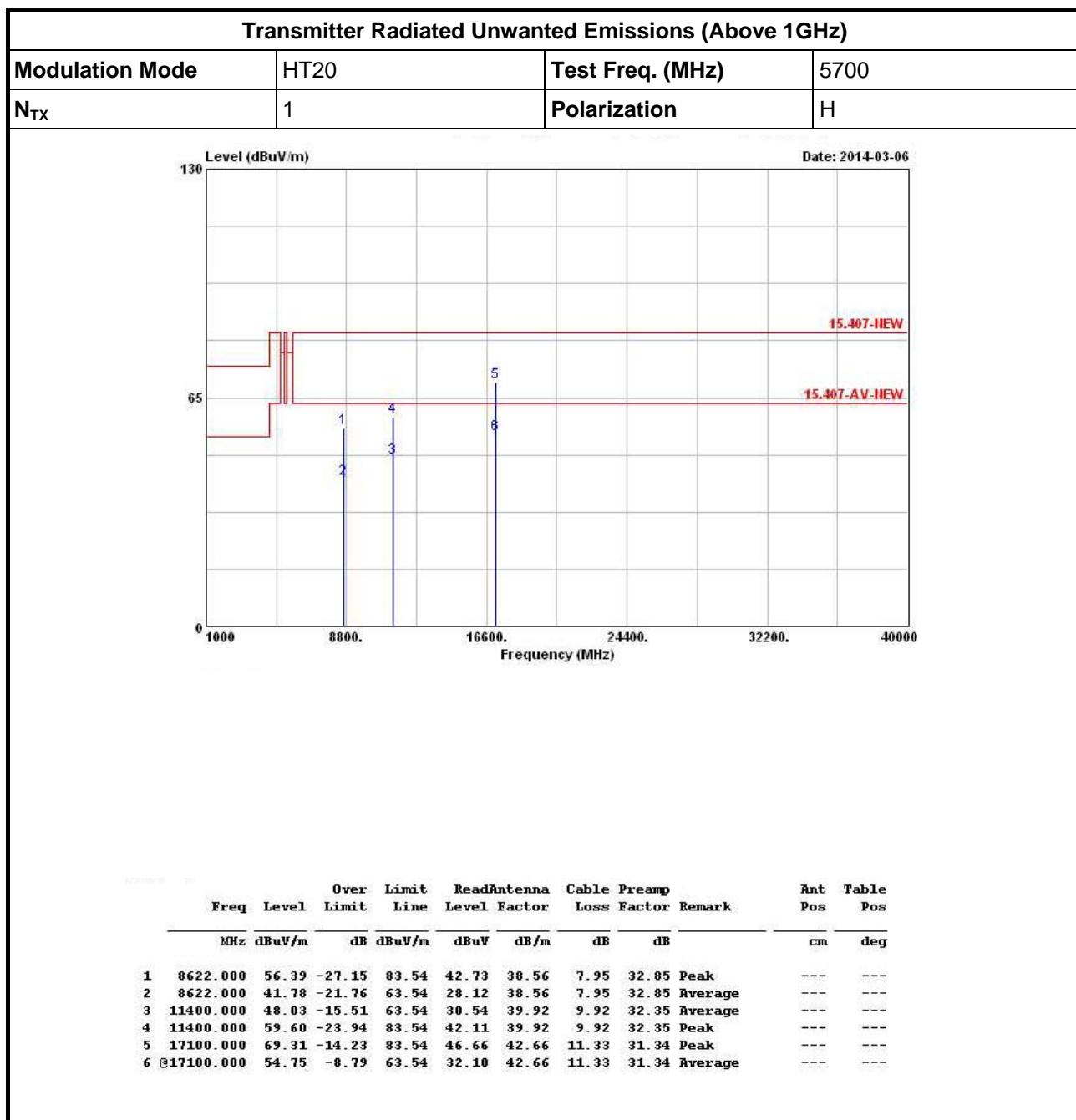


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

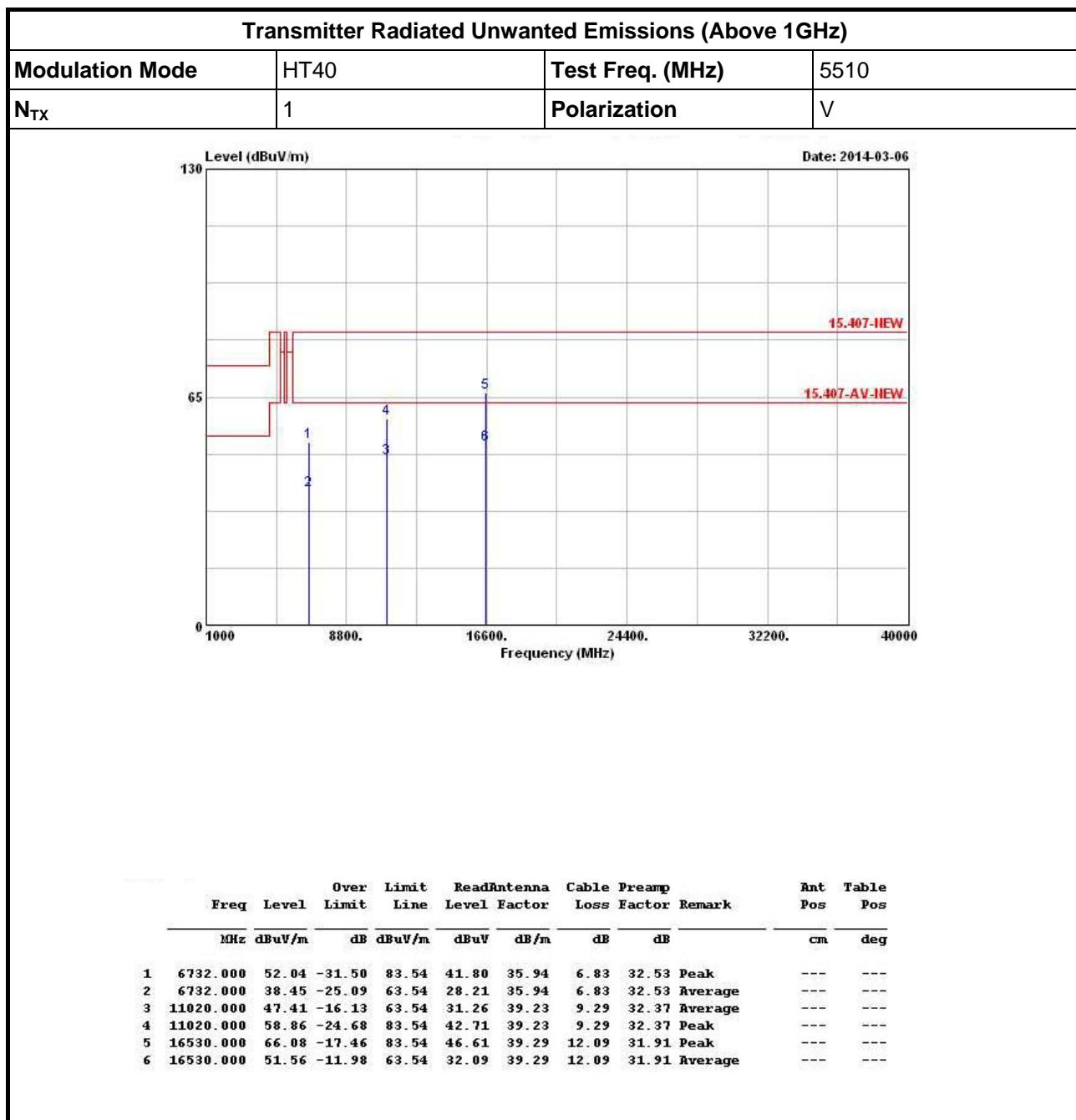


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

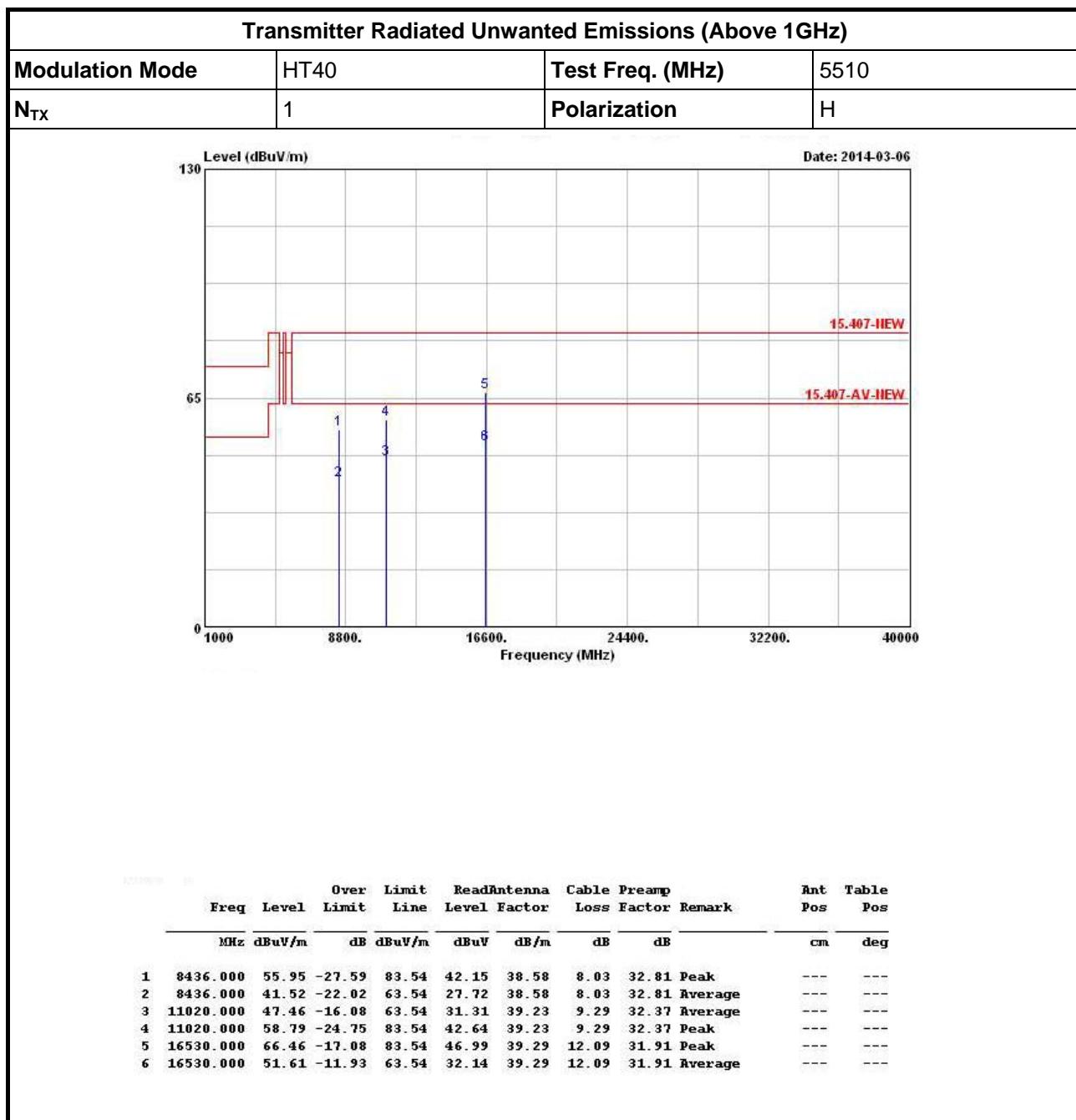


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

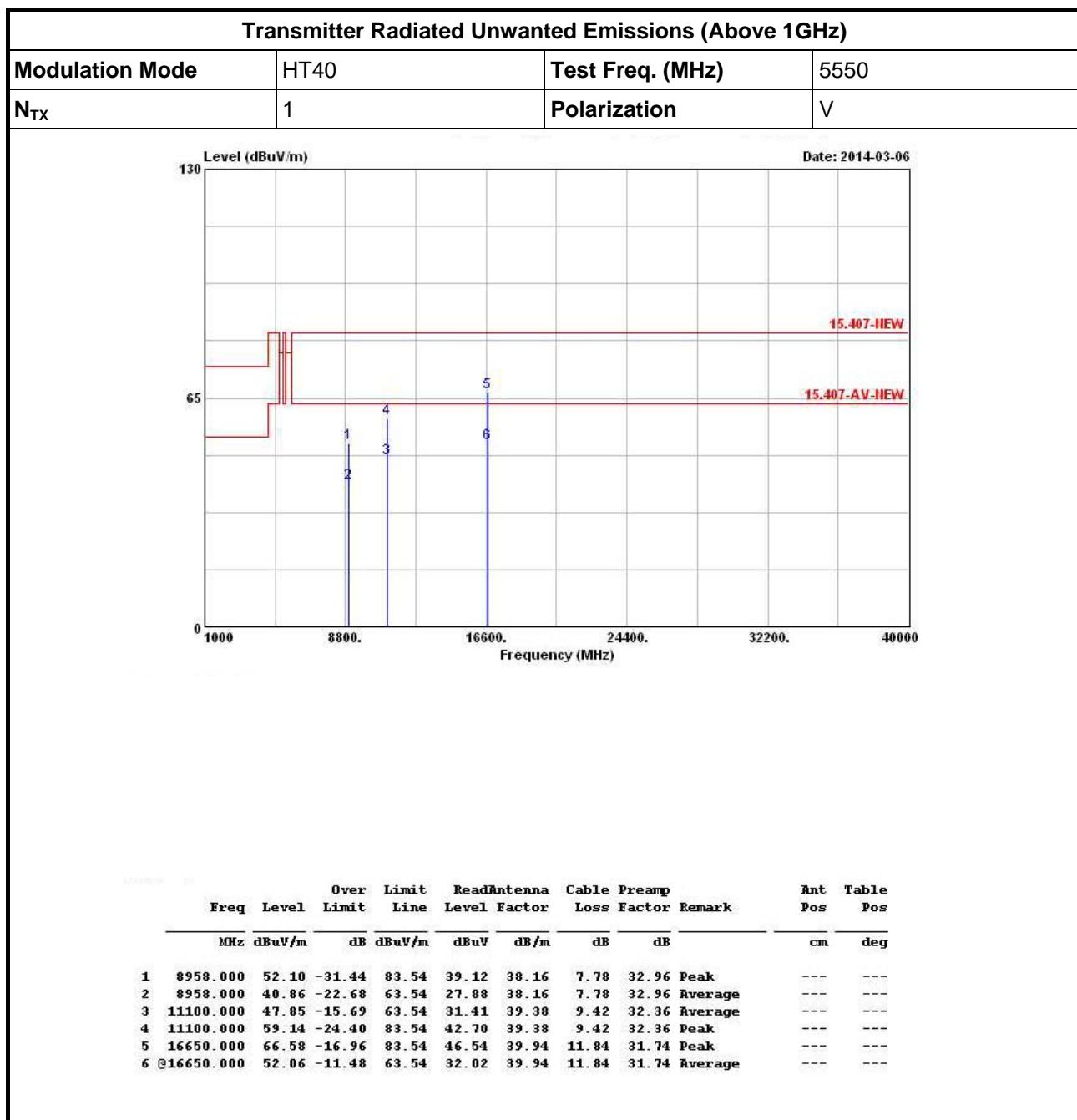


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

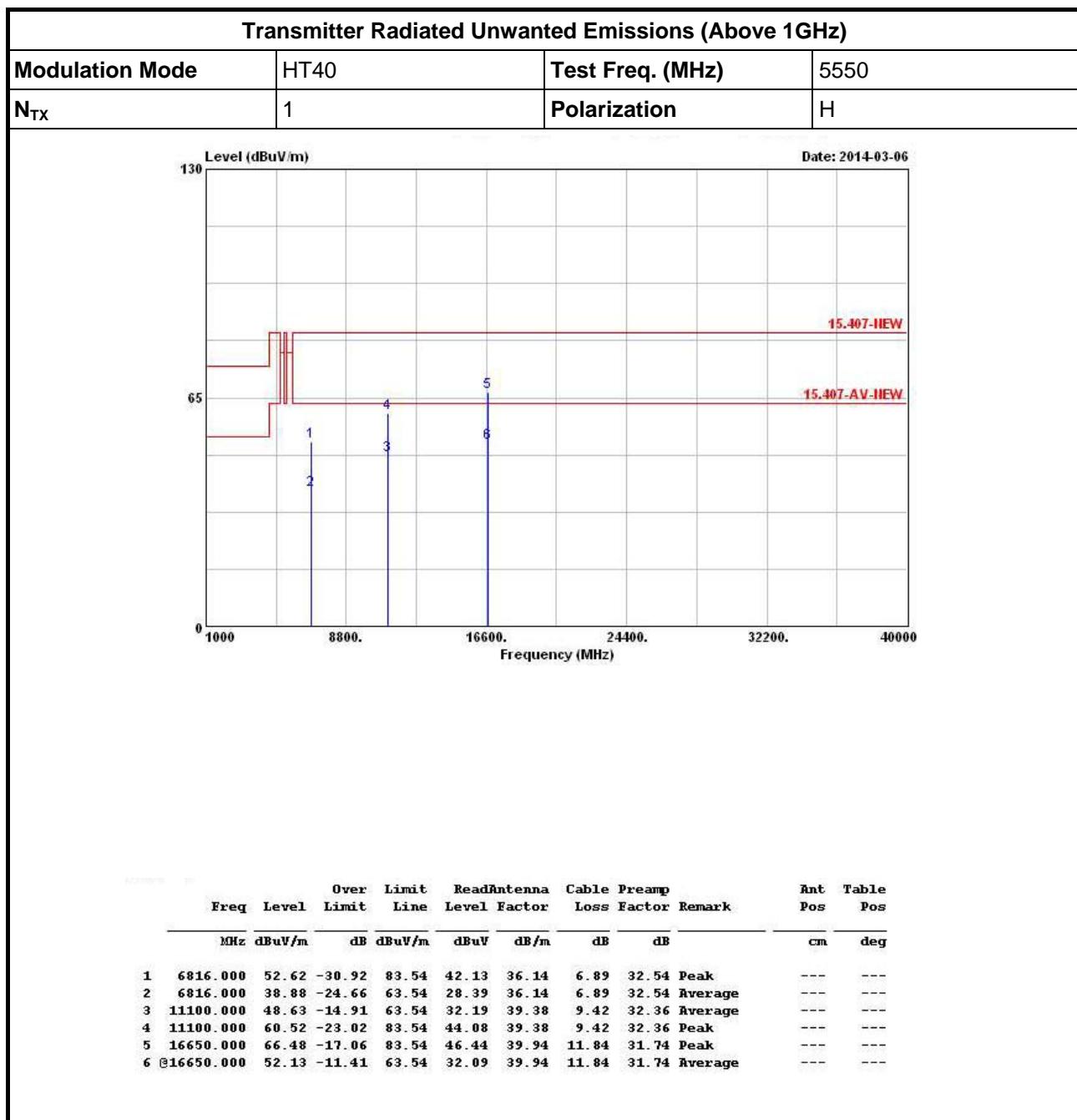


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

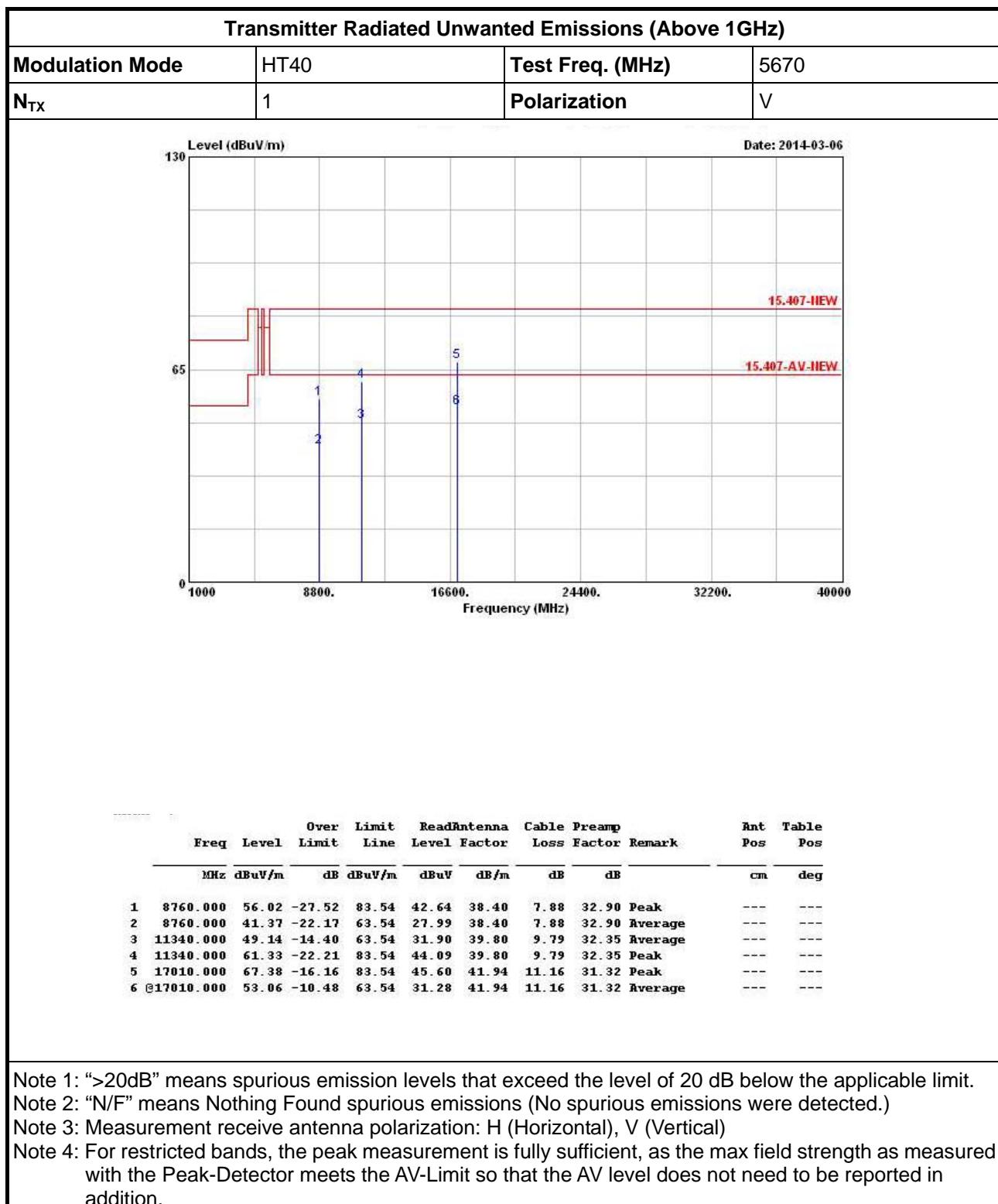


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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

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

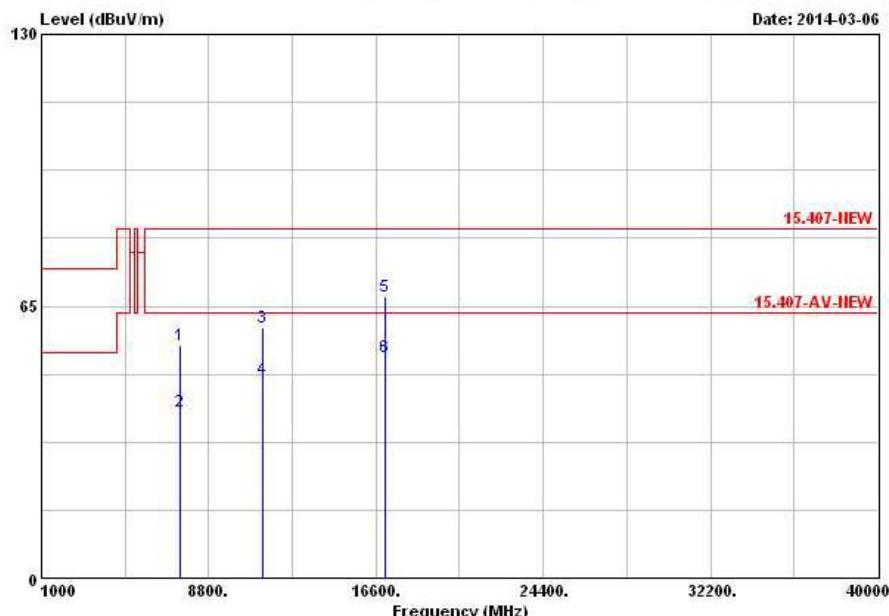
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.





Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|------|------------------|------|
| Modulation Mode | HT40 | Test Freq. (MHz) | 5670 |
| N _{TX} | 1 | Polarization | H |



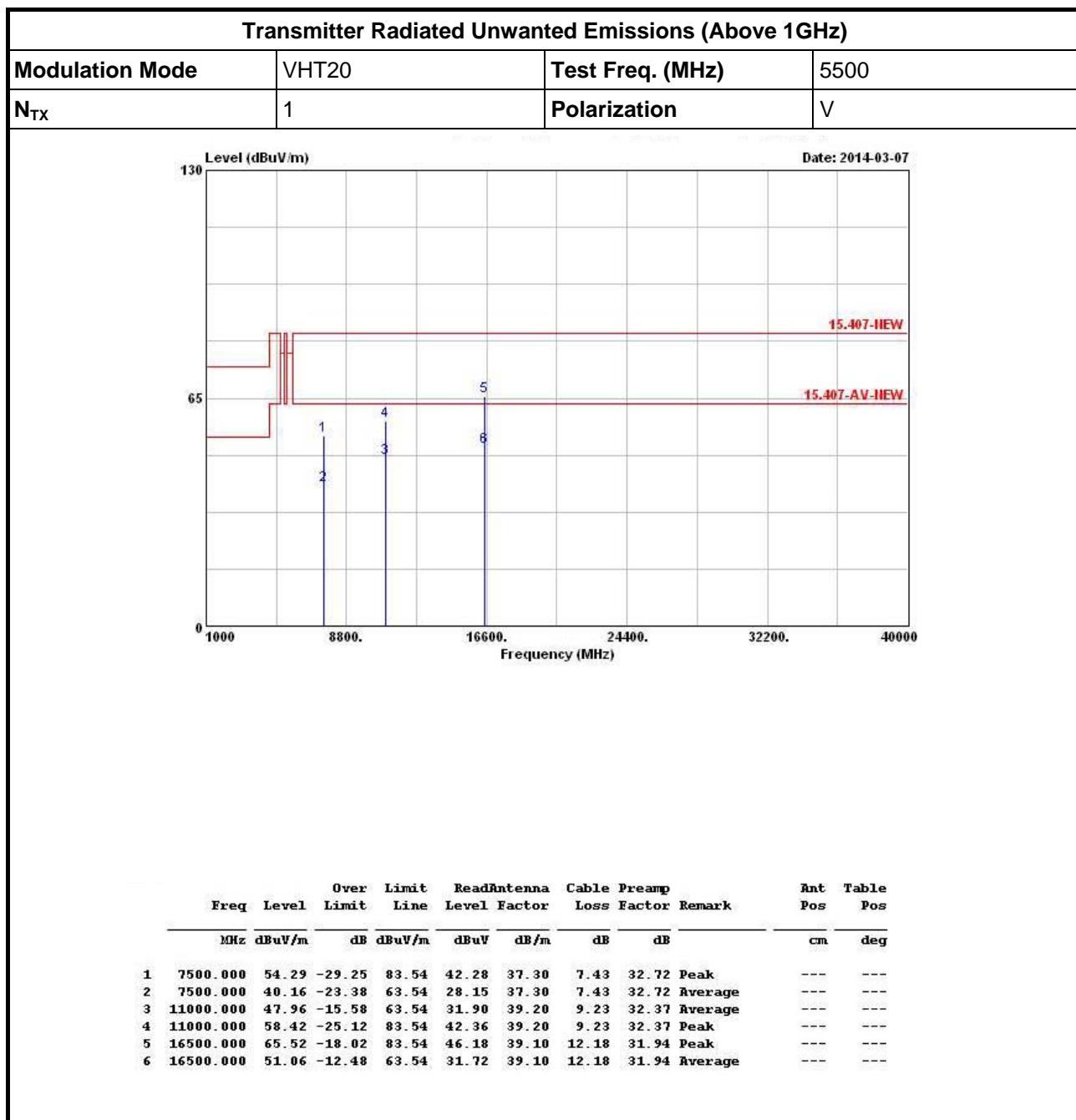
| Freq | Level | Over Limit | Line | Read | | Cable | Preamp | Ant | Table |
|------|-----------|------------|--------|---------|--------|-------|--------|-------|---------|
| | | | | Antenna | Factor | | | | |
| 1 | 7482.000 | 55.55 | -27.99 | 83.54 | 43.58 | 37.28 | 7.40 | 32.71 | Peak |
| 2 | 7482.000 | 39.82 | -23.72 | 63.54 | 27.85 | 37.28 | 7.40 | 32.71 | Average |
| 3 | 11340.000 | 60.02 | -23.52 | 83.54 | 42.78 | 39.80 | 9.79 | 32.35 | Peak |
| 4 | 11340.000 | 47.51 | -16.03 | 63.54 | 30.27 | 39.80 | 9.79 | 32.35 | Average |
| 5 | 17010.000 | 67.32 | -16.22 | 83.54 | 45.54 | 41.94 | 11.16 | 31.32 | Peak |
| 6 | 17010.000 | 52.94 | -10.60 | 63.54 | 31.16 | 41.94 | 11.16 | 31.32 | Average |

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.



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.)

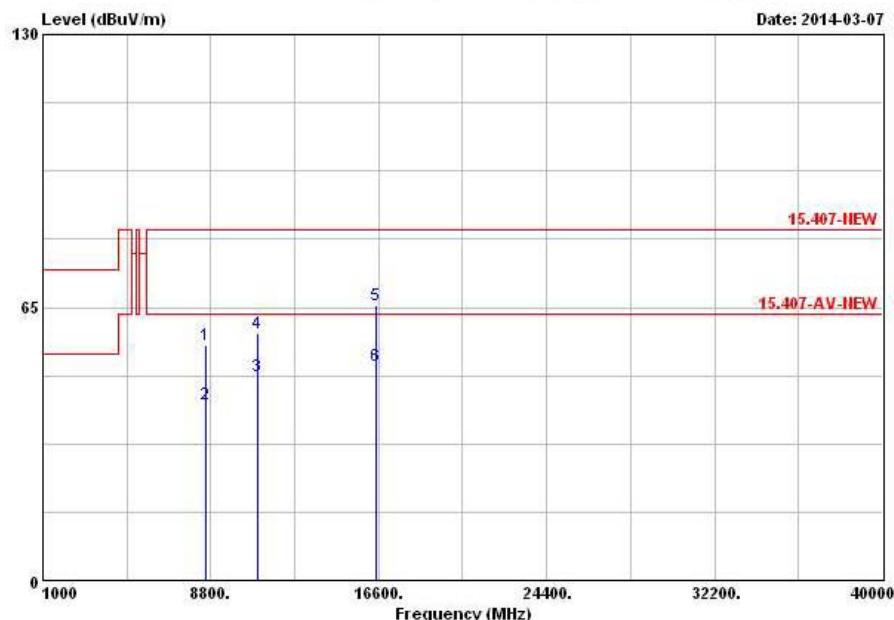
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

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.



Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|-------|------------------|------|
| Modulation Mode | VHT20 | Test Freq. (MHz) | 5500 |
| N _{TX} | 1 | Polarization | H |



| Freq | Level | Over Limit | Read Line | Antenna | | Cable Preamp | | Ant Pos | Table Pos |
|-------------|-------|------------|-----------|---------|--------|--------------|-------|---------|-----------|
| | | | | dB | dBuV/m | dBuV | dB/m | | |
| 1 8574.000 | 56.04 | -27.50 | 83.54 | 42.31 | 38.60 | 7.97 | 32.84 | Peak | --- |
| 2 8574.000 | 41.89 | -21.65 | 63.54 | 28.16 | 38.60 | 7.97 | 32.84 | Average | --- |
| 3 11000.000 | 48.79 | -14.75 | 63.54 | 32.73 | 39.20 | 9.23 | 32.37 | Average | --- |
| 4 11000.000 | 59.01 | -24.53 | 83.54 | 42.95 | 39.20 | 9.23 | 32.37 | Peak | --- |
| 5 16500.000 | 65.41 | -18.13 | 83.54 | 46.07 | 39.10 | 12.18 | 31.94 | Peak | --- |
| 6 16500.000 | 51.03 | -12.51 | 63.54 | 31.69 | 39.10 | 12.18 | 31.94 | Average | --- |

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.)

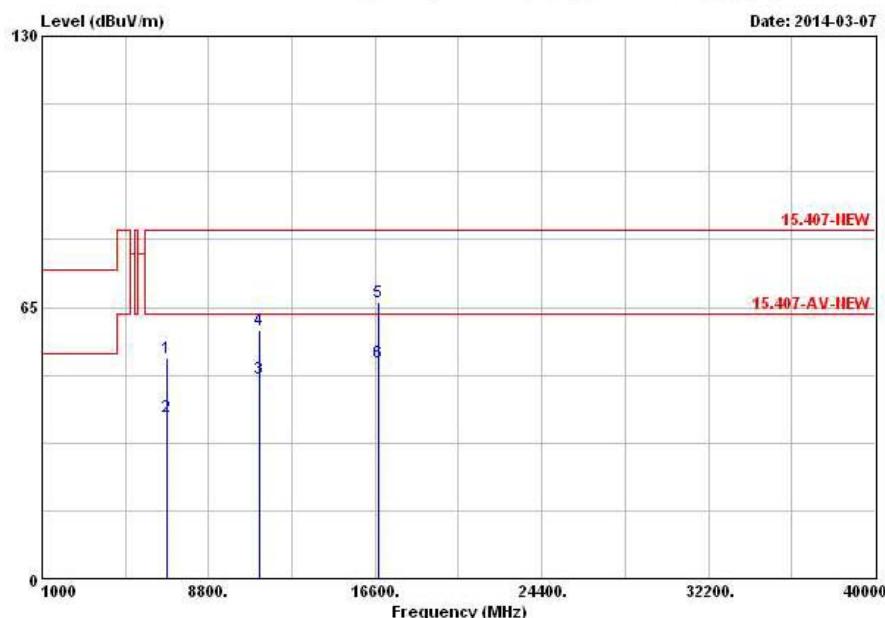
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

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.



Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|-------|------------------|------|
| Modulation Mode | VHT20 | Test Freq. (MHz) | 5580 |
| N _{TX} | 1 | Polarization | V |



| Freq | Level | Over Limit | Line | Read | | Ant | Table | Pos | Pos |
|-------------|--------|------------|--------|---------|-------|-------|-------|---------|-----|
| | | | | Antenna | Cable | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |
| 1 6822.000 | 52.87 | -30.67 | 83.54 | 42.38 | 36.14 | 6.89 | 32.54 | Peak | --- |
| 2 6822.000 | 38.91 | -24.63 | 63.54 | 28.42 | 36.14 | 6.89 | 32.54 | Average | --- |
| 3 11160.000 | 47.93 | -15.61 | 63.54 | 31.25 | 39.50 | 9.54 | 32.36 | Average | --- |
| 4 11160.000 | 59.62 | -23.92 | 83.54 | 42.94 | 39.50 | 9.54 | 32.36 | Peak | --- |
| 5 16740.000 | 66.12 | -17.42 | 83.54 | 45.78 | 40.40 | 11.58 | 31.64 | Peak | --- |
| 6 16740.000 | 51.65 | -11.89 | 63.54 | 31.31 | 40.40 | 11.58 | 31.64 | Average | --- |

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.)

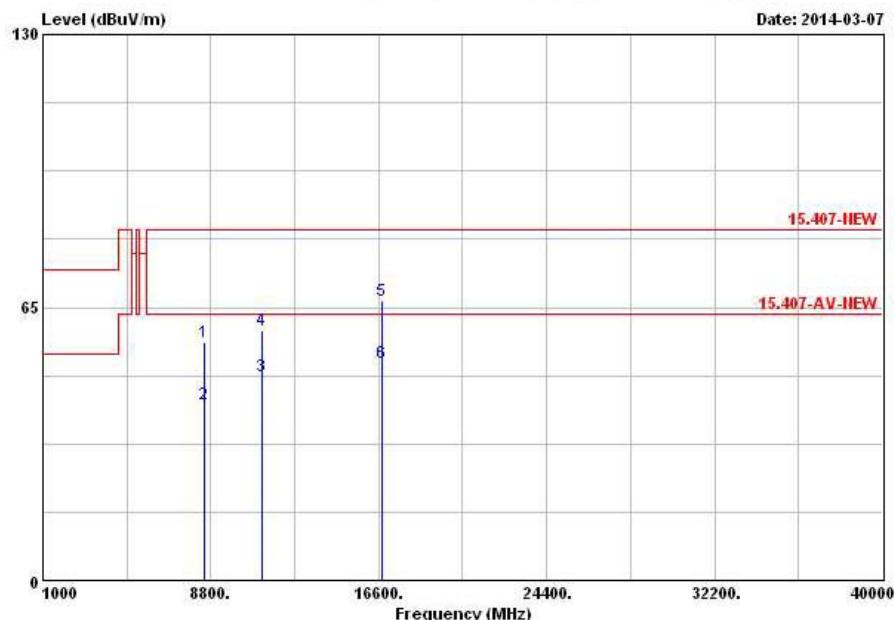
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

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.



Transmitter Radiated Unwanted Emissions (Above 1GHz)

| | | | |
|-----------------|-------|------------------|------|
| Modulation Mode | VHT20 | Test Freq. (MHz) | 5580 |
| N _{TX} | 1 | Polarization | H |



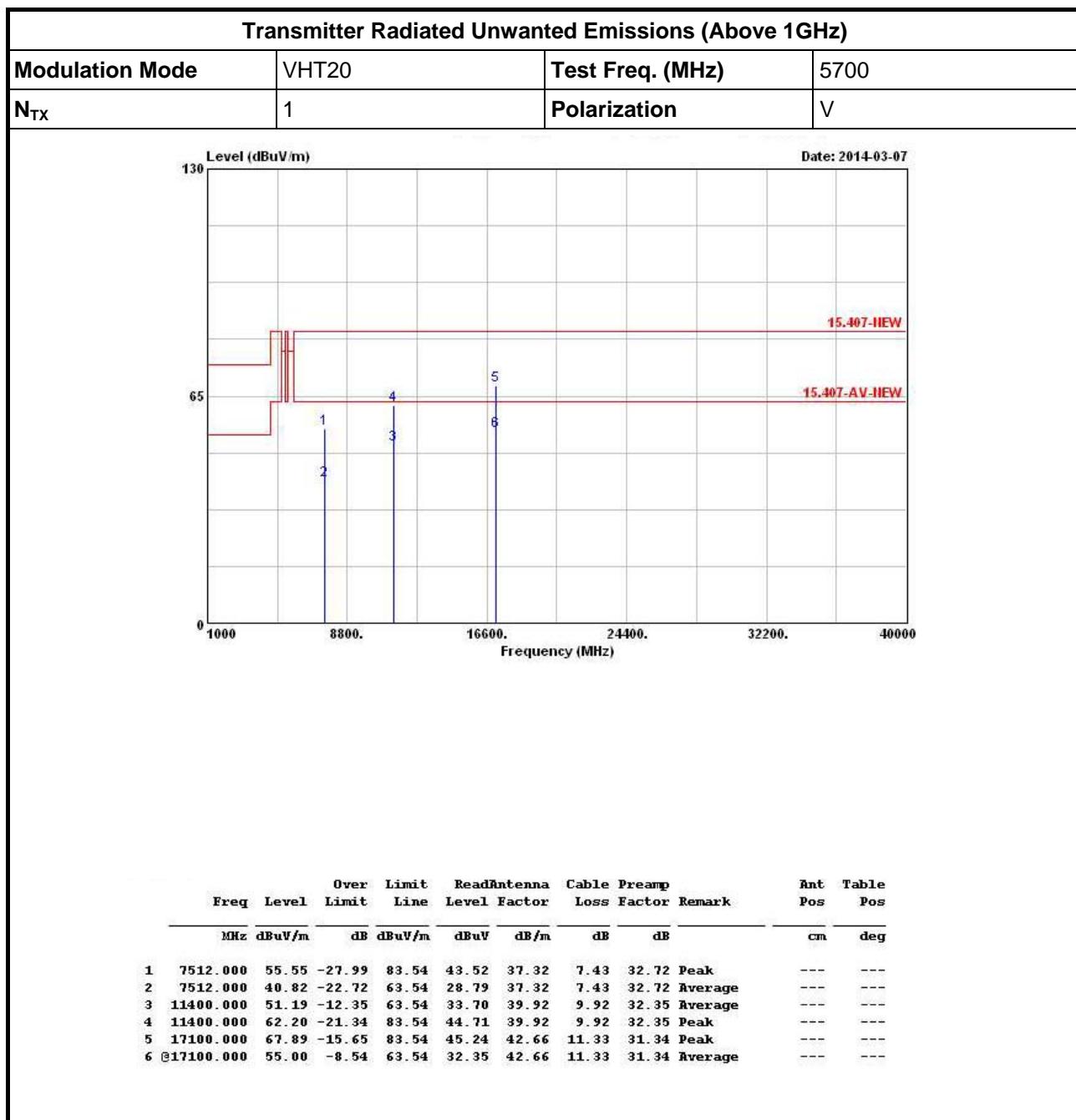
| Freq | Level | Over Limit | Line | Read | | Cable Loss | Ant | Table |
|-------------|--------|------------|--------|---------|--------|------------|-------|---------|
| | | | | Antenna | Factor | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | deg | |
| 1 8526.000 | 56.76 | -26.78 | 83.54 | 42.93 | 38.66 | 7.99 | 32.82 | Peak |
| 2 8526.000 | 41.92 | -21.62 | 63.54 | 28.09 | 38.66 | 7.99 | 32.82 | Average |
| 3 11160.000 | 48.68 | -14.86 | 63.54 | 32.00 | 39.50 | 9.54 | 32.36 | Average |
| 4 11160.000 | 59.44 | -24.10 | 83.54 | 42.76 | 39.50 | 9.54 | 32.36 | Peak |
| 5 16740.000 | 66.54 | -17.00 | 83.54 | 46.20 | 40.40 | 11.58 | 31.64 | Peak |
| 6 16740.000 | 51.65 | -11.89 | 63.54 | 31.31 | 40.40 | 11.58 | 31.64 | Average |

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.



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

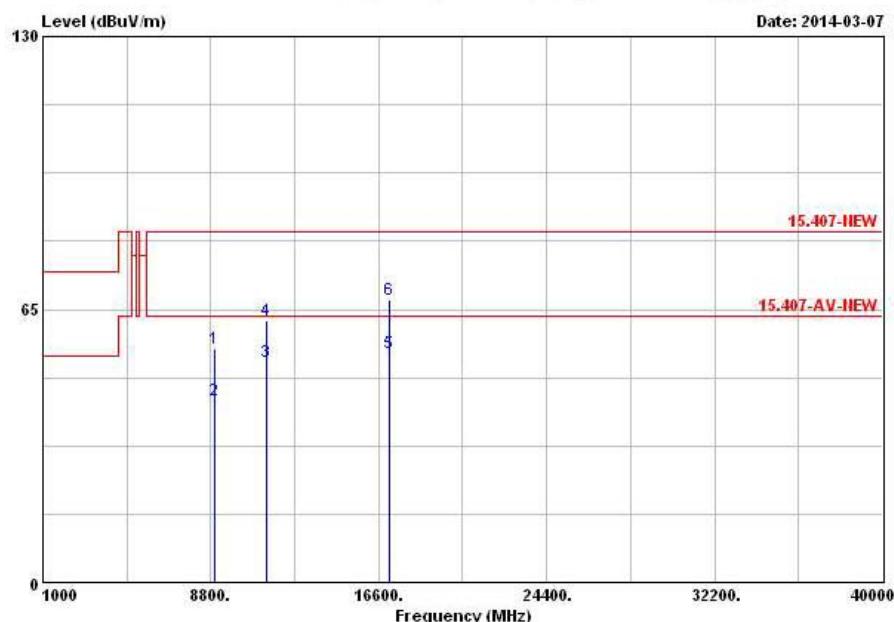
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

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.



| Transmitter Radiated Unwanted Emissions (Above 1GHz) | | | |
|------------------------------------------------------|-------|------------------|------|
| Modulation Mode | VHT20 | Test Freq. (MHz) | 5700 |
| N _{TX} | 1 | Polarization | H |



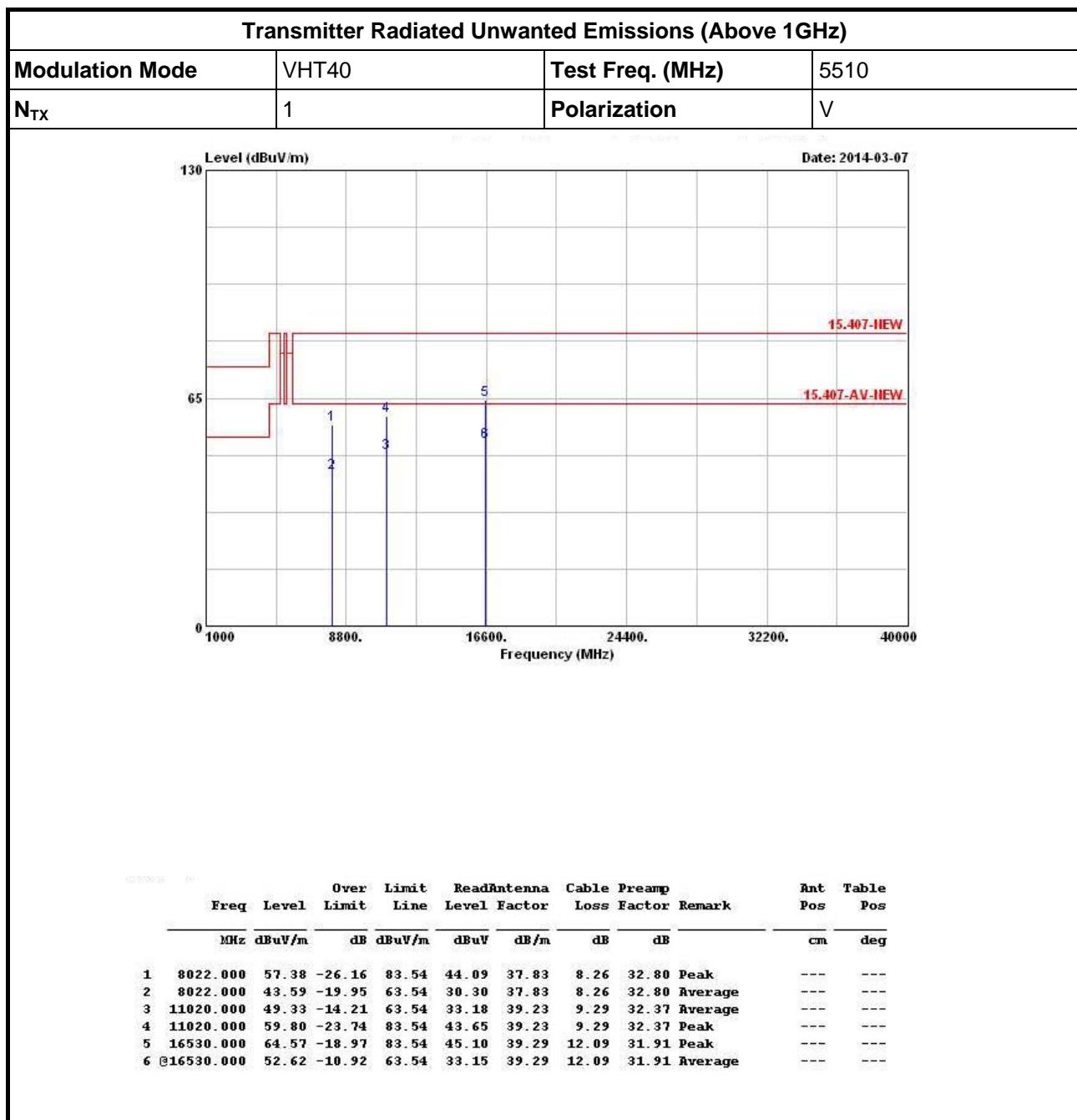
| Freq | Level | Over Limit | | ReadAntenna | | Cable Preamp | | Ant Pos | Table Pos | | |
|------|------------|------------|--------|-------------|--------|--------------|--------|---------|-----------|--------|-----|
| | | MHz | dBuV/m | dB | dBuV/m | Level | Factor | Loss | Factor | Remark | |
| 1 | 8994.000 | 55.73 | -27.81 | 83.54 | 42.82 | 38.12 | 7.76 | 32.97 | Peak | --- | --- |
| 2 | 8994.000 | 43.20 | -20.34 | 63.54 | 30.29 | 38.12 | 7.76 | 32.97 | Average | --- | --- |
| 3 | 811400.000 | 52.48 | -11.06 | 63.54 | 44.99 | 39.92 | 9.92 | 32.35 | Average | --- | --- |
| 4 | 11400.000 | 62.22 | -21.32 | 83.54 | 44.73 | 39.92 | 9.92 | 32.35 | Peak | --- | --- |
| 5 | 817100.000 | 54.65 | -8.89 | 63.54 | 32.00 | 42.66 | 11.33 | 31.34 | Average | --- | --- |
| 6 | 17100.000 | 67.37 | -16.17 | 83.54 | 44.72 | 42.66 | 11.33 | 31.34 | Peak | --- | --- |

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.

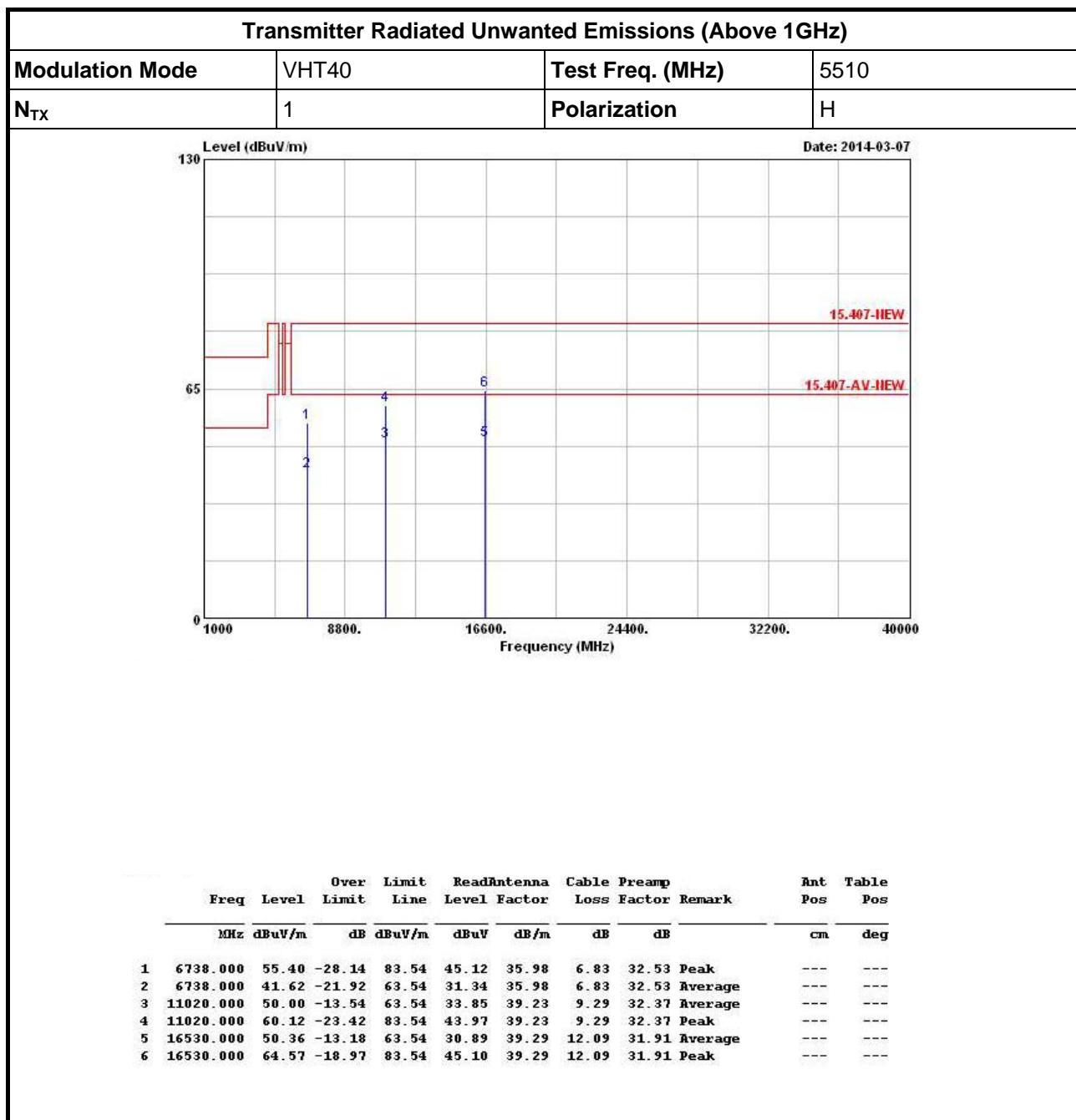


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

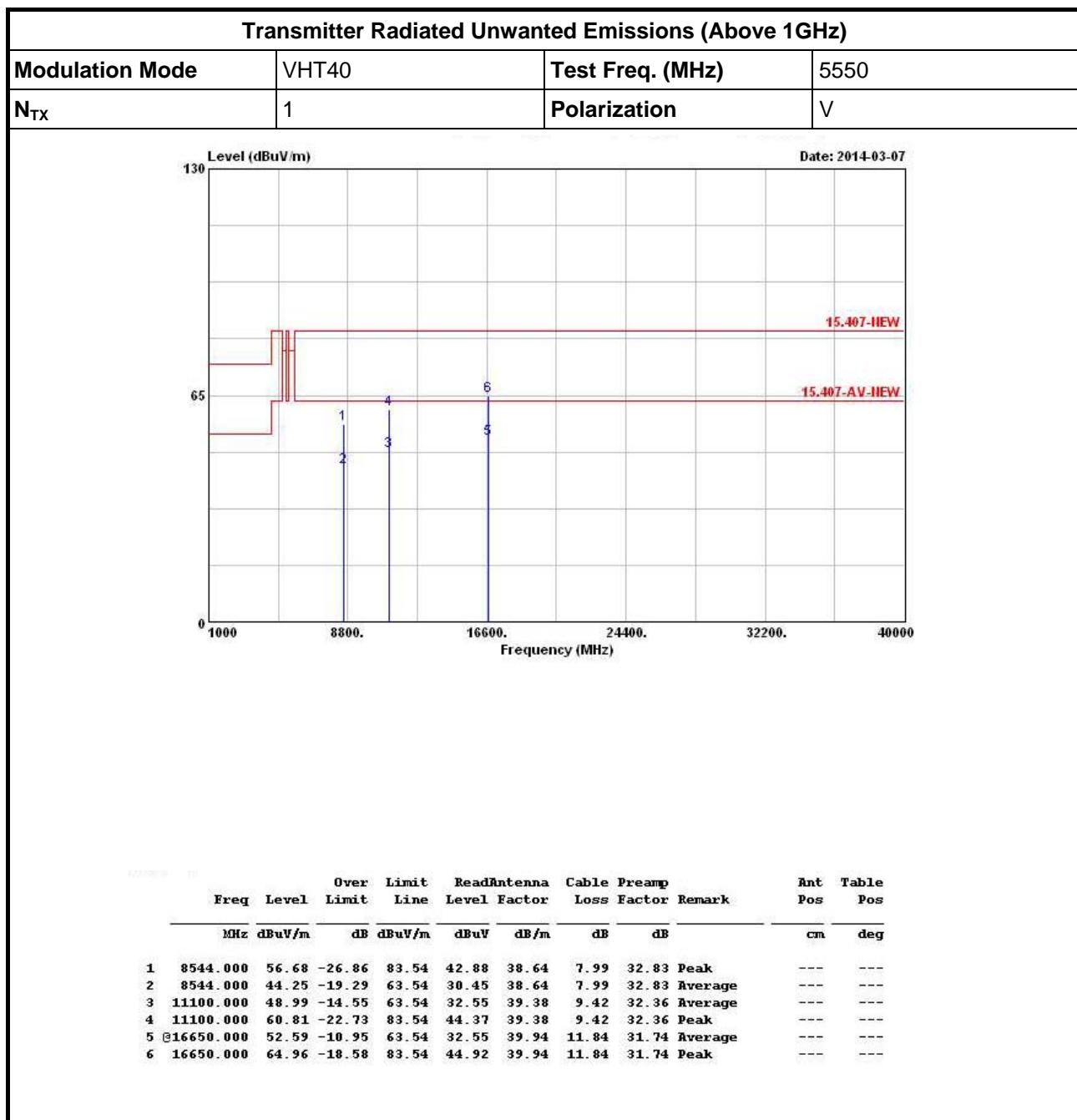


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

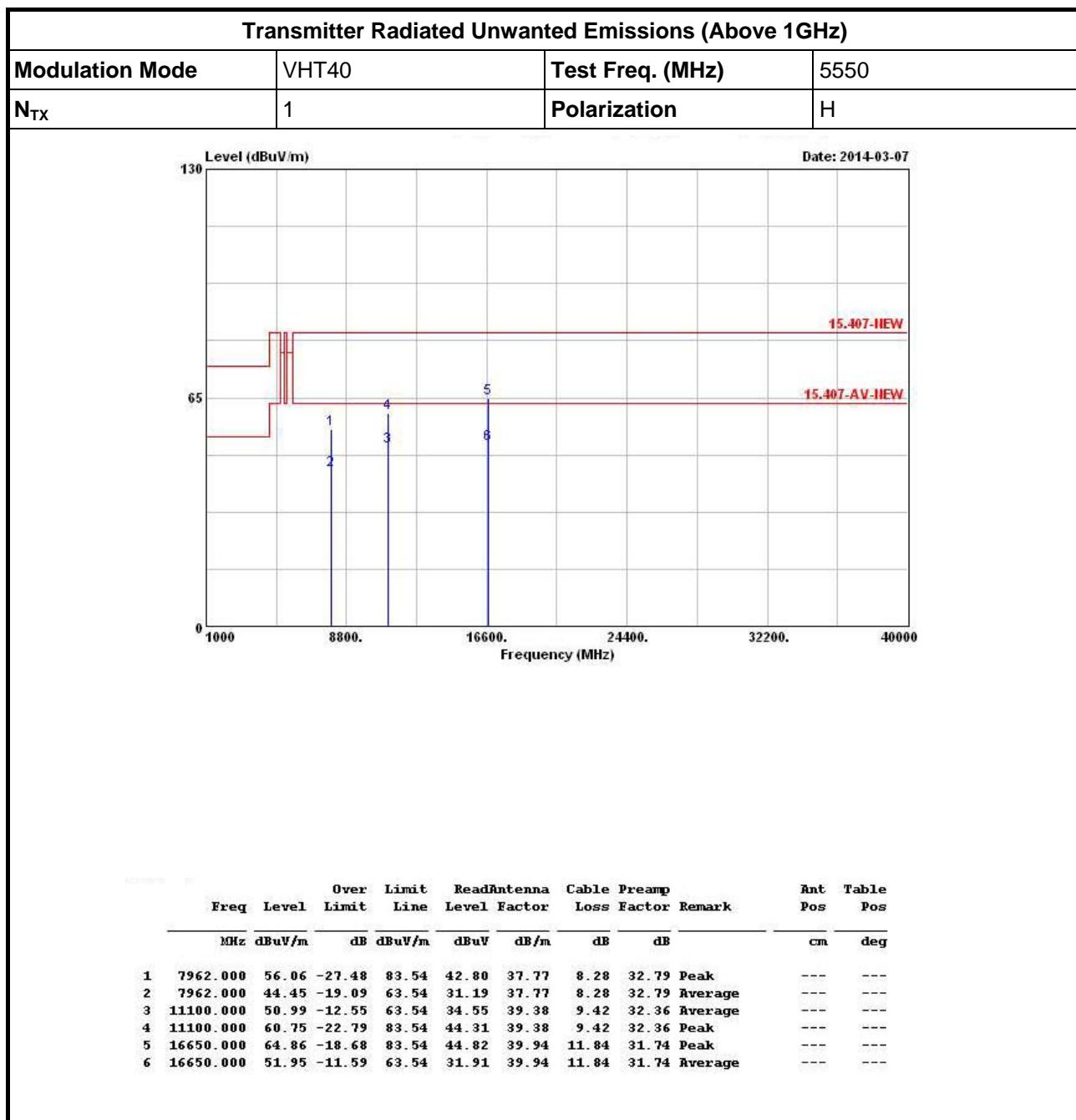


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

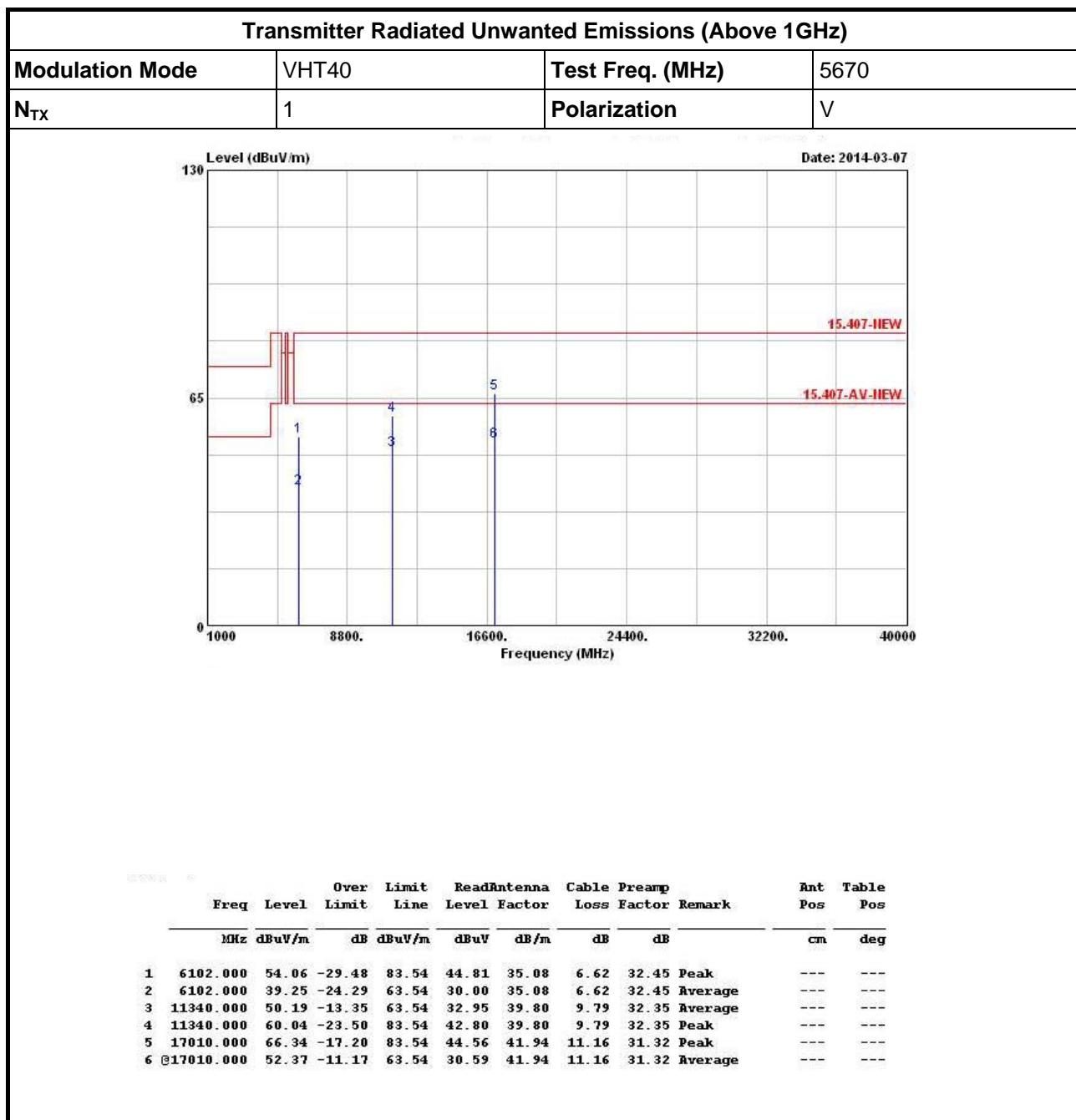


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

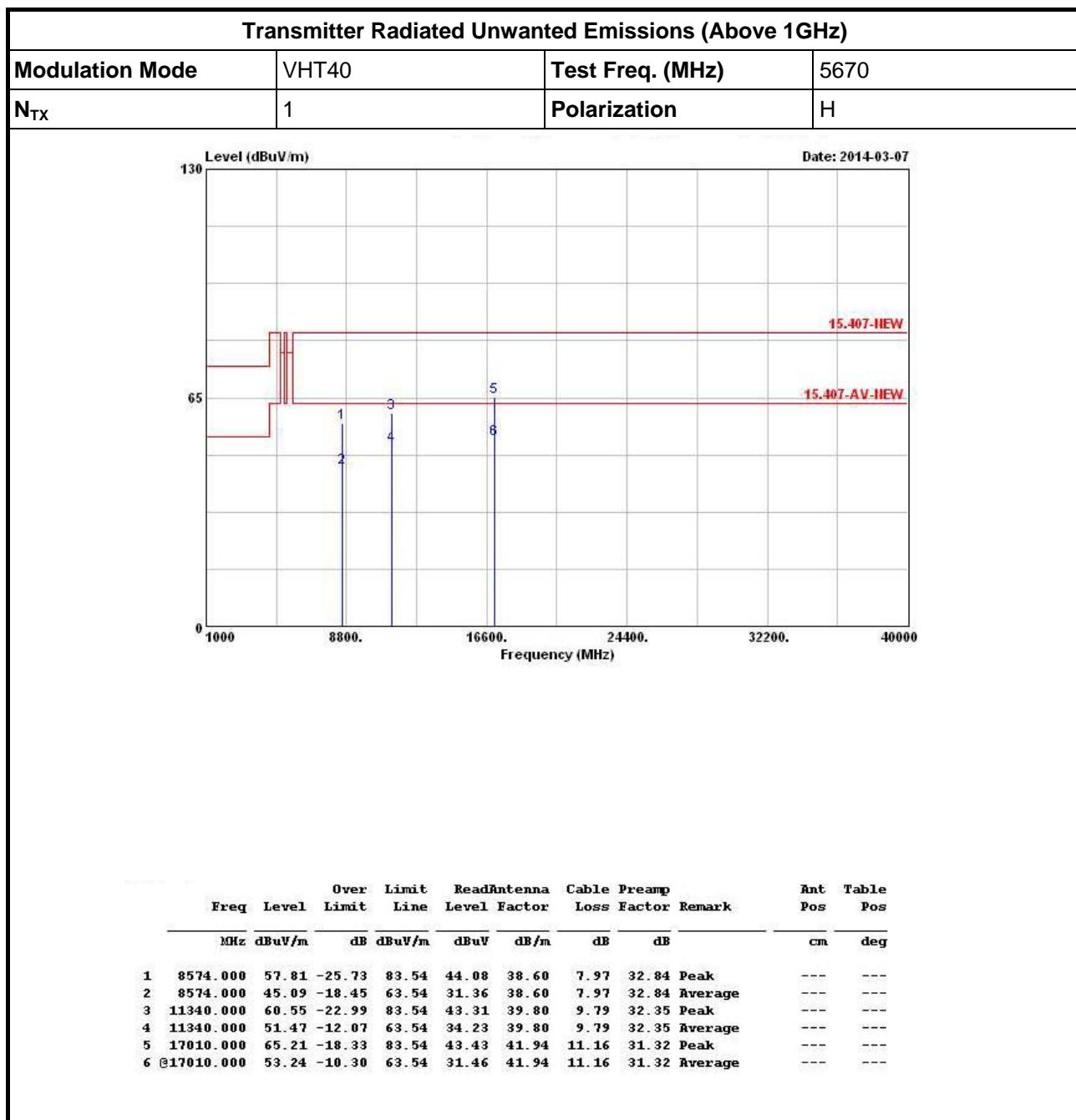


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

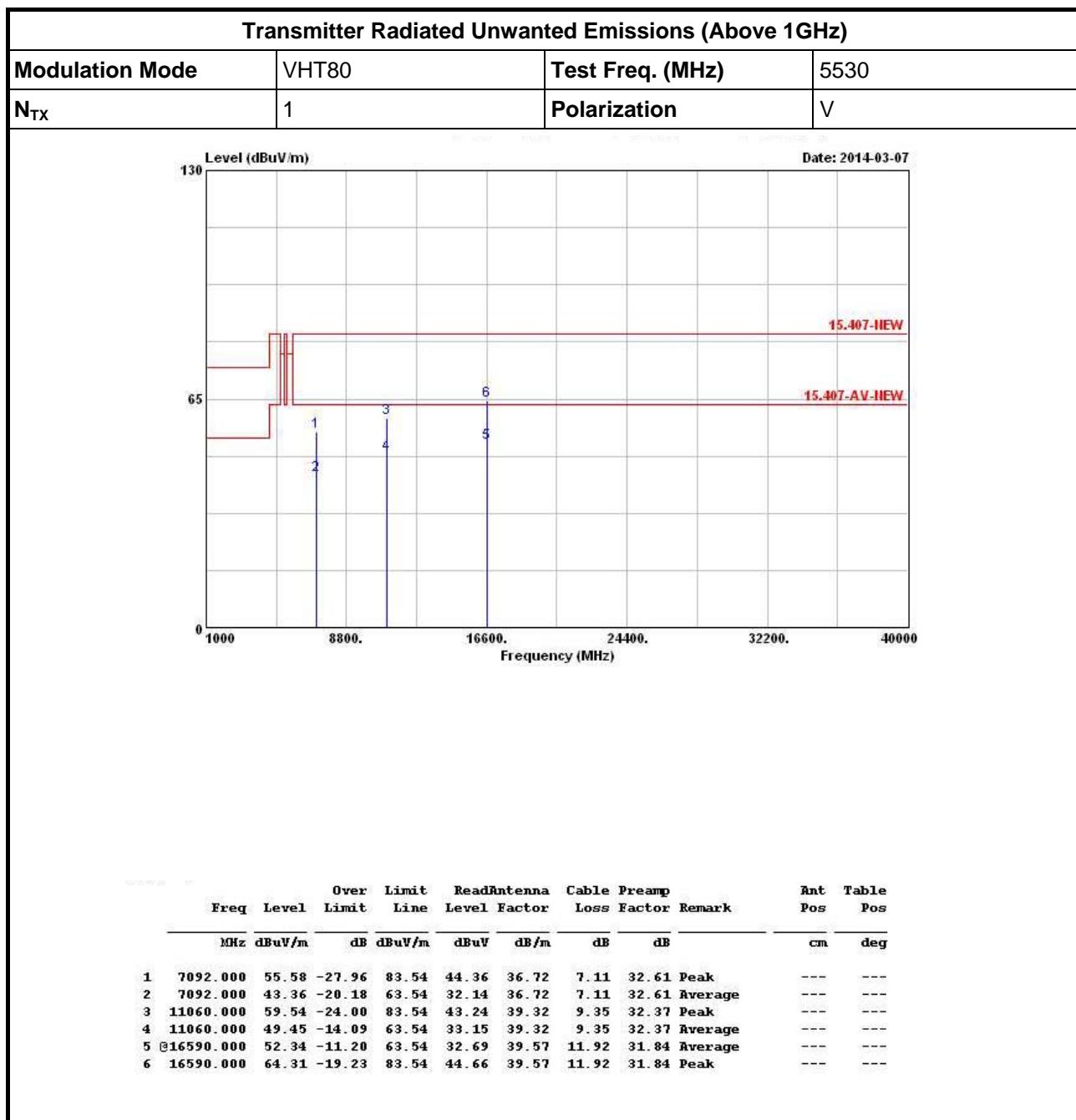


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.

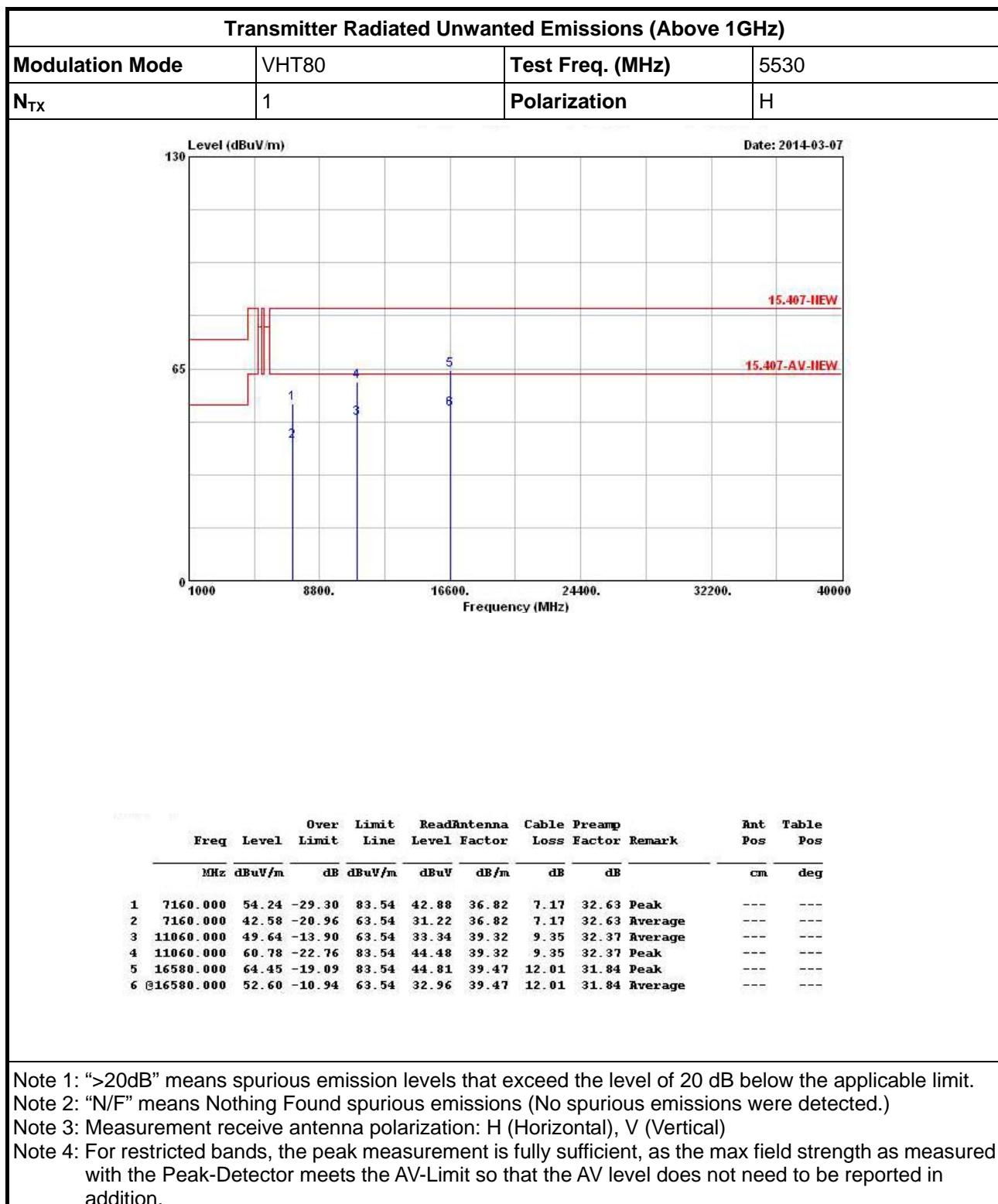


Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

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.



3.8 Frequency Stability

3.8.1 Frequency Stability Limit

| Frequency Stability Limit | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNII Devices | |
| <input checked="" type="checkbox"/> 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 | |
| <input checked="" type="checkbox"/> N/A | |
| IEEE Std. 802.11n-2009 | |
| <input checked="" type="checkbox"/> The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band. | |

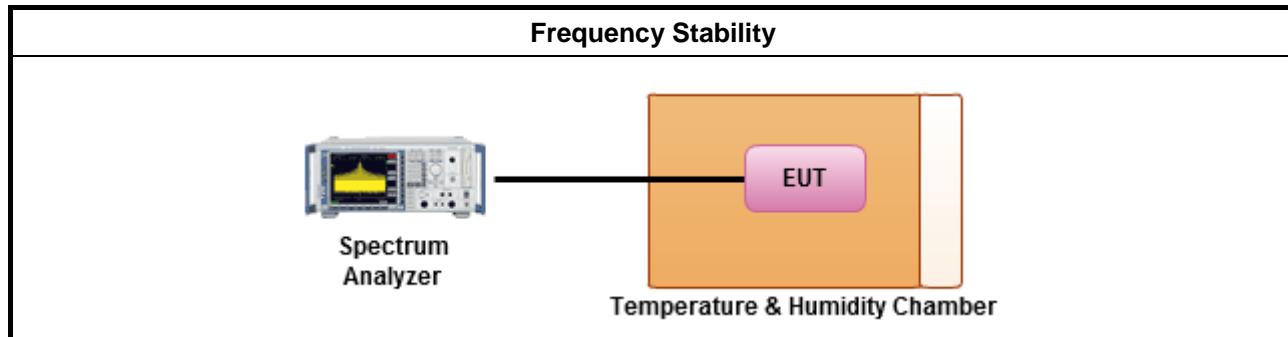
3.8.2 Measuring Instruments

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

3.8.3 Test Procedures

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

3.8.4 Test Setup





3.8.5 Test Result of Frequency Stability

| Frequency Stability Result | | | |
|----------------------------|-------------|---------------------------|---------------------------|
| Mode | | Frequency Stability (ppm) | |
| Condition | Freq. (MHz) | Test Frequency (MHz) | Frequency Stability (ppm) |
| T _{20°C} Vmax | 5180 | 5180.05580 | 10.7722 |
| T _{20°C} Vmin | 5180 | 5180.05580 | 10.7722 |
| T _{50°C} Vnom | 5180 | 5180.04140 | 7.9923 |
| T _{40°C} Vnom | 5180 | 5180.04260 | 8.2239 |
| T _{30°C} Vnom | 5180 | 5180.04800 | 9.2664 |
| T _{20°C} Vnom | 5180 | 5180.05580 | 10.7722 |
| T _{10°C} Vnom | 5180 | 5180.06300 | 12.1622 |
| T _{0°C} Vnom | 5180 | 5180.06660 | 12.8571 |
| T _{-10°C} Vnom | 5180 | 5180.06600 | 12.7413 |
| T _{-20°C} Vnom | 5180 | 5180.05880 | 11.3514 |
| Limit (ppm) | | 20 | |
| Result | | Complied | |

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.



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. 25, 2013 | Conduction |
| LISN | SCHWARZBECK MESS-ELEKTRONIK | NSLK 8127 | 8127-477 | 9kHz ~ 30MHz | Jan. 21, 2014 | Conduction |
| RF Cable-CON | HUBER+SUHNER | RG213/U | 07611832020001 | 9kHz ~ 30MHz | Oct. 30, 2013 | Conduction |
| EMI Filter | LINDGREN | LRE-2030 | 2651 | < 450 Hz | N/A | Conduction |

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

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|----------------------------|--------------|--------------|-------------|-----------------|------------------|--------------|
| Spectrum Analyzer | R&S | FSV 40 | 101013 | 9KHz~40GHz | Jan. 25, 2014 | RF Conducted |
| DC Power Source | G.W. | GPS-3030DD | GEN865896 | DC 0V ~ 30V | Nov. 21, 2013 | RF Conducted |
| Temp. and Humidity Chamber | Giant Force | GTH-225-20-S | MAB0103-001 | -20 ~ 100°C | Nov. 21, 2013 | RF Conducted |
| Signal Generator | R&S | SMR40 | 100116 | 10MHz ~ 40GHz | Jun. 27, 2013 | RF Conducted |
| RF Cable-2m | HUBER+SUHNER | SUCOFLEX_104 | SN 345673/4 | 30MHz ~ 26.5GHz | Dec. 02, 2013 | RF Conducted |

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



| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|--------------------------|----------------|----------------|-------------|--------------------|------------------|-------------------|
| 3m Semi Anechoic Chamber | SIDT FRANKONIA | SAC-3M | 03CH03-HY | 30MHz ~ 1GHz 3m | Nov. 30, 2013 | Radiated Emission |
| Amplifier | HP | 8447D | 2944A08033 | 10kHz ~ 1.3GHz | May. 03, 2013 | Radiated Emission |
| Amplifier | Agilent | 8449B | 3008A02120 | 1GHz ~ 26.5GHz | Aug. 20, 2013 | Radiated Emission |
| Spectrum | R&S | FSP40 | 100004 | 9kHz ~ 40GHz | Mar. 10, 2014 | Radiated Emission |
| Spectrum | R&S | FSP40 | 100004 | 9kHz ~ 40GHz | Mar. 11, 2013 | Radiated Emission |
| Bilog Antenna | SCHAFFNER | CBL 6112D | 22237 | 30MHz ~ 1GHz | Sep. 21, 2013 | Radiated Emission |
| Horn Antenna | EMCO | 3115 | 6741 | 1GHz ~ 18GHz | May 31, 2013 | Radiated Emission |
| Horn Antenna | SCHWARZBECK | BBHA9170 | BBHA9170154 | 15GHz ~ 40GHz | Jan. 10, 2014 | Radiated Emission |
| RF Cable-R03m | Jye Bao | RG142 | CB021 | 9kHz ~ 1GHz | Nov. 16, 2013 | Radiated Emission |
| RF Cable-high | SUHNER | SUCOFLEX 106 | 03CH03-HY | 1GHz ~ 40GHz | Dec. 11, 2013 | Radiated Emission |
| Turn Table | EM Electronics | EM Electronics | 060615 | 0 ~ 360 degree | N/A | Radiated Emission |
| Antenna Mast | MF | MF-7802 | MF780208179 | 1 ~ 4 m | N/A | Radiated Emission |

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

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|--------------|--------------|-----------|------------|-----------------|------------------|-------------------|
| Amplifier | EM | EM18G40G | 060604 | 18GHz ~ 40GHz | Oct. 17.2013 | Radiated Emission |
| Loop Antenna | TESEQ | HLA 6120 | 31244 | 9kHz ~ 30MHz | Dec. 02, 2012 | Radiated Emission |

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