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802.11n 40MHz 5310MHz-5310

802.11n 40MHz 5670MHz-5670





802.11n_40MHz_5510MHz-5510

802.11n_40MHz_5710MHz_UNII 2C





802.11n 40MHz 5550MHz-5550

802.11n_40MHz_5710MHz_UNII 3





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802.11n 40MHz 5755MHz-5755

802.11ax 40MHz 5190MHz-5190





802.11n_40MHz_5795MHz-5795

802.11ax_40MHz_5230MHz-5230





802.11ax 40MHz 5190MHz-242-61

802.11ax 40MHz 5270MHz-5270





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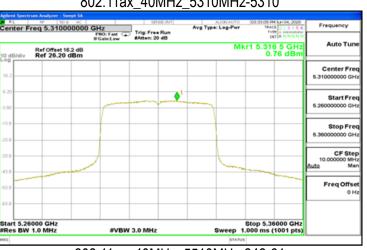
802.11ax 40MHz 5310MHz-242-62



802.11ax 40MHz 5510MHz-5510



802.11ax_40MHz_5310MHz-5310



802.11ax_40MHz_5550MHz-5550



802.11ax 40MHz 5510MHz-242-61



802.11ax 40MHz 5670MHz-242-62



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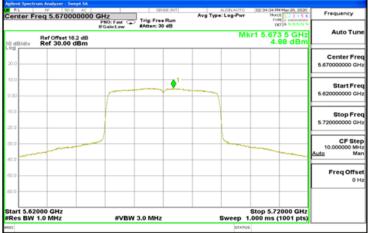
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802.11ax 40MHz 5670MHz-5670





802.11ax_40MHz_5710MHz_UNII 2C



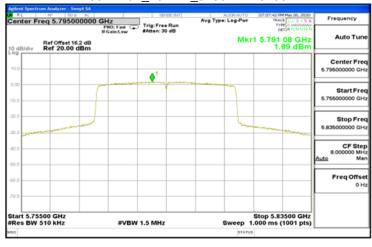
802.11ax_40MHz_5755MHz-5755



802.11ax_40MHz_5710MHz_UNII 3



802.11ax 40MHz 5795MHz-5795



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802.11ac 80MHz 5210MHz-5210

802.11ac 80MHz 5610MHz-5610

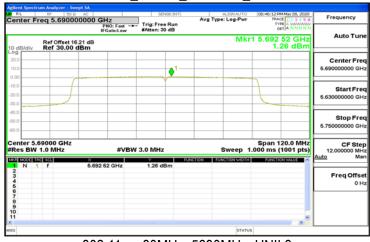




802.11ac_80MHz_5290MHz-5290

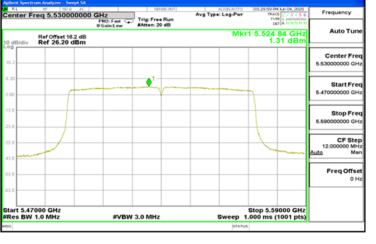
802.11ac_80MHz_5690MHz_UNII 2C

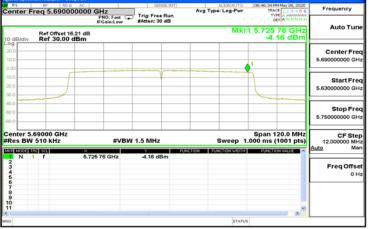




802.11ac 80MHz 5530MHz-5530

802.11ac_80MHz_5690MHz_UNII 3





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802.11ac 80MHz 5690MHz-5690

802.11ax 80MHz 5210MHz-5210





802.11ac_80MHz_5775MHz-5775

802.11ax_80MHz_5290MHz-484-66





802.11ax 80MHz 5210MHz-484-65

802.11ax 80MHz 5290MHz-5290





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802.11ax 80MHz 5530MHz-484-65

802.11ax 80MHz 5690MHz UNII 2C



802.11ax_80MHz_5530MHz-5530



802.11ax 80MHz 5690MHz UNII 3



802.11ax 80MHz 5610MHz-5610



802.11ax_80MHz_5690MHz-5690



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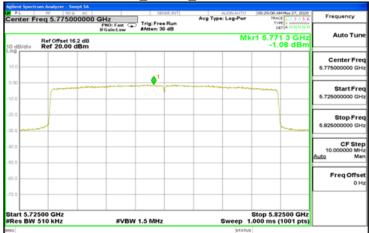


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802.11ax 80MHz 5775MHz-484-66



802.11ax_80MHz_5775MHz-5775



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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

Standard Applicable

11.1.1 Band Edge

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- 1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- 2. For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

| APPLICABLE TO | EIRP LIMIT | FIELD STRENGTH AT 3m |
|--|---|---|
| 15.407(b)(1) RSS-247 §6.2.1.2 15.407(b)(2) RSS-247 §6.2.2.2 | PK: -27 (dBm/MHz) | PK: 68.3 (dBμV/m) |
| 15.407(b)(3) RSS-247 §6.2.3.2 | | |
| 15.407(b)(4)(i) RSS-247 §6.2.4.2 | PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4 | PK: 68.2(dBµV/m) *1 PK:105.2 (dBµV/m) *2 PK: 110.8(dBµV/m) *3 PK:122.2 (dBµV/m) *4 |

^{*1} beyond 75 MHz or more above of the bandedge.

 $EIRP = ((E*d)^2) / 30$, where E is the field in V/m, d is the measurement distance (3m), EIRP is the equivalent isotropically radiated power in Watts.

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^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.



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11.1.2 Spurious Emission

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

| Frequency (MHz) | Field strength (microvolts/meter) | Distance (meters) |
|--------------------|-----------------------------------|----------------------|
| 0.009-0.490 | 2400/F(KHz) | 300 |
| 0.490-1.705 | 24000/F(KHz) | 30 |
| 1.705-30 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level $(dB\mu V/m) = 20 \log Emission level (\mu V/m)$

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11.2 **Measurement Equipment Used**

| | | SGS SAC-III | | | |
|-------------------------|-----------------|------------------------|----------------------|--------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Horn Antenna | Schwarzbeck | BBHA9120D | D803 | 12/20/2019 | 12/19/2020 |
| Bi-log Antenna | TESEO | CBL 6112D | 35242 & AT- N0555 | 01/13/2020 | 01/12/2021 |
| Loop Antenna | ETS.LINDGREN | 6502 | 148045 | 10/15/2019 | 10/14/2020 |
| Spectrum Analyzer | Agilent | E4446A | MY51100003 | 10/23/2019 | 10/22/2020 |
| EMI Test Receiver | R&S | ESCI 7 | 100759 | 07/04/2019 | 07/03/2020 |
| Pre-Amplifier | EMC Instruments | EMC184045B | 980135 | 01/02/2020 | 01/01/2021 |
| Pre-Amplifier | EMC Instruments | EMC051825 | 980152 | 01/02/2020 | 01/01/2021 |
| Pre-Amplifier | HP | 8447D | 2944A09469 | 01/02/2020 | 01/01/2021 |
| Attenuator | Mini-Circuit | BW-S10W2+ | 4 | 01/02/2020 | 01/01/2021 |
| Filter 5150-5350 MHz | Micro-Tronics | BRM50703 | 1 | 01/02/2020 | 01/01/2021 |
| Filter 5470-5725 MHz | Micro-Tronics | BRM50704 | 1 | 01/02/2020 | 01/01/2021 |
| Filter 5725-5875 MHz | Micro-Tronics | BRM50705 | 1 | 01/02/2020 | 01/01/2021 |
| High Pass Filter | WI | WHKX7.0/18G- 8SS | 45 | 01/02/2020 | 01/01/2021 |
| Coaxial Cable | Huber Suhner | succoflex 102 | MY2622/2 | 01/02/2020 | 01/01/2021 |
| Coaxial Cable | Huber Suhner | succoflex 104A | 800086/4a | 01/02/2020 | 01/01/2021 |
| Coaxial Cable | Huber Suhner | EMC 104-SM-SM- 2000 | 160123 | 01/02/2020 | 01/01/2021 |

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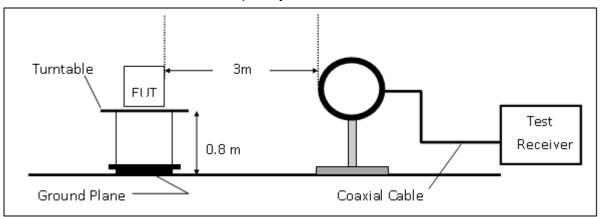
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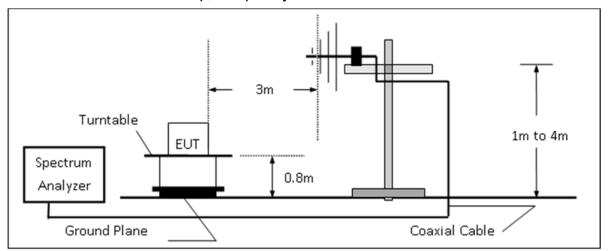
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11.3 **Test SET-UP**

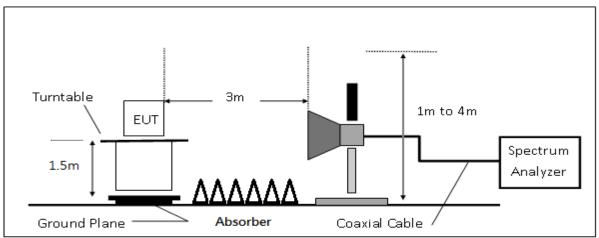
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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11.4 Measurement Procedure

- **1.** The EUT was placed on a turn table which is 0.8m above ground plane.
- 2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
- 3. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
- **4.** The turn table shall rotate 360 degrees to determine the position of maximum emission level.
- **5.** EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
- **6.** Set the spectrum analyzer as RBW=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
- **7.** At frequency above 1 GHz, Set the spectrum analyzer:
 - A. RBW=1 MHz, VBW=3 MHz for Peak Detector.
 - **B.** Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW ≥ 1/T (Duty cycle < 98%) for **Average** Detector.
- 8. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- **9.** And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 10. Repeat above procedures until all frequency measured were complete.

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Field Strength Calculation 11.5

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

The limit of the emission level is expressed in dBuV/m, which converts 20*log(uV/m)

Actual $FS(dB\mu V/m) = SPA$. Reading level(dB μV) + Factor(dB)

 $Factor(dB) = Antenna\ Factor(dB\mu V/m) + Cable\ Loss(dB) - Pre_Amplifier\ Gain(dB)$

Test Results of Radiated Spurious Emissions form 9 KHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

Pre-scanned was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

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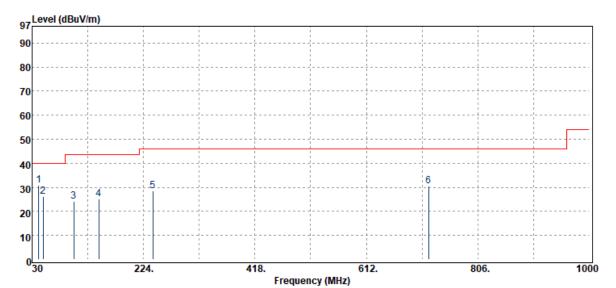
Radiated Spurious Emission Measurement Result

11.7.1 **Below 1GHz Worst-Case Data:**

Report Number :ER/2020/30080 **Test Date** :2020-06-04

Operation Mode :802.11aB1 Temp./Humi. :25.0/69 **Test Frequency** :VERTICAL :5220 MHz Antenna Pol. :Thomas **Test Mode** :Tx CH Mid Engineer

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 41.64 | Peak | 41.87 | -10.86 | 31.01 | 40.00 | -8.99 |
| 49.40 | Peak | 40.71 | -14.60 | 26.11 | 40.00 | -13.89 |
| 102.75 | Peak | 36.49 | -12.24 | 24.25 | 43.50 | -19.25 |
| 146.40 | Peak | 37.25 | -11.92 | 25.33 | 43.50 | -18.17 |
| 240.49 | Peak | 38.66 | -10.12 | 28.54 | 46.00 | -17.46 |
| 720.64 | Peak | 33.28 | -2.67 | 30.61 | 46.00 | -15.39 |

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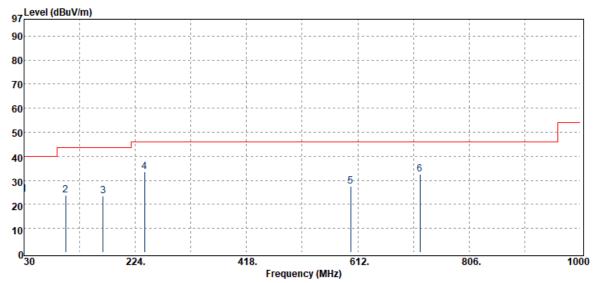
Report Number Test Date :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11aB1 :25.0/69

Test Frequency :5220 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dBμV/m | Limit @3m dBµV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| IVII IZ | I IVQI /AV | ασμν | чь | ασμ ν / πι | ασμ ν / πι | <u>ub</u> |
| 30.00 | Peak | 28.67 | -4.56 | 24.11 | 40.00 | -15.89 |
| 102.75 | Peak | 36.16 | -12.24 | 23.92 | 43.50 | -19.58 |
| 167.74 | Peak | 36.21 | -12.79 | 23.42 | 43.50 | -20.08 |
| 240.49 | Peak | 43.59 | -10.12 | 33.47 | 46.00 | -12.53 |
| 599.39 | Peak | 31.02 | -3.42 | 27.60 | 46.00 | -18.40 |
| 720.64 | Peak | 35.25 | -2.67 | 32.58 | 46.00 | -13.42 |

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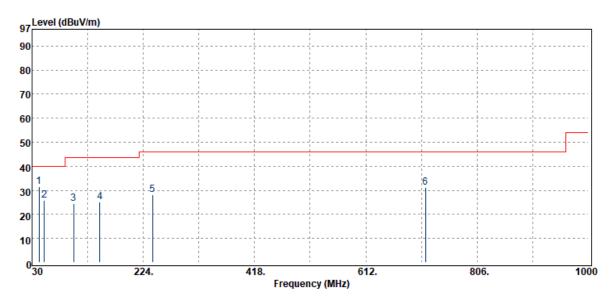


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Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB2 Temp./Humi. :25.0/69 **Test Frequency** :5300 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 42.61 | Peak | 42.96 | -11.34 | 31.62 | 40.00 | -8.38 |
| 51.34 | Peak | 41.24 | -15.28 | 25.96 | 40.00 | -14.04 |
| 102.75 | Peak | 36.60 | -12.24 | 24.36 | 43.50 | -19.14 |
| 148.34 | Peak | 37.09 | -11.98 | 25.11 | 43.50 | -18.39 |
| 240.49 | Peak | 38.47 | -10.12 | 28.35 | 46.00 | -17.65 |
| 715.79 | Peak | 33.73 | -2.47 | 31.26 | 46.00 | -14.74 |

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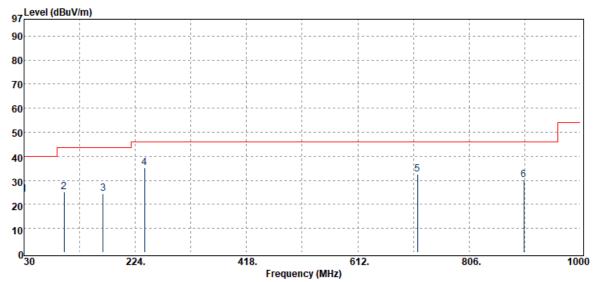
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11aB2 :25.0/69

Test Frequency :5300 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dΒμV/m | Limit @3m dBµV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| IVII IZ | FNQFIAV | αυμ ν | ub_ | αυμν/ π | αυμν/ π | ub_ |
| | | | | | | |
| 30.00 | Peak | 28.88 | -4.56 | 24.32 | 40.00 | -15.68 |
| 99.84 | Peak | 37.65 | -12.56 | 25.09 | 43.50 | -18.41 |
| 167.74 | Peak | 37.44 | -12.79 | 24.65 | 43.50 | -18.85 |
| 240.49 | Peak | 45.42 | -10.12 | 35.30 | 46.00 | -10.70 |
| 715.79 | Peak | 35.16 | -2.47 | 32.69 | 46.00 | -13.31 |
| 901.06 | Peak | 29.13 | 1.09 | 30.22 | 46.00 | -15.78 |

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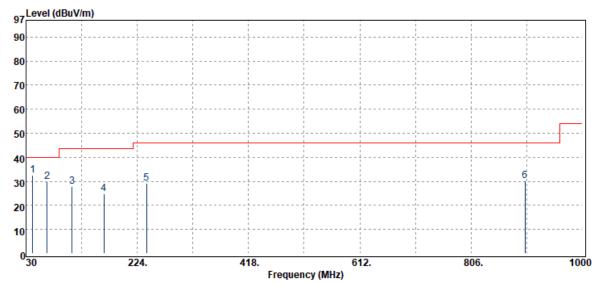


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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB3 Temp./Humi. :25.0/69 **Test Frequency** :5580 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 41.64 | Peak | 43.36 | -10.86 | 32.50 | 40.00 | -7.50 |
| 66.86 | Peak | 47.20 | -17.45 | 29.75 | 40.00 | -10.25 |
| 110.51 | Peak | 39.71 | -11.73 | 27.98 | 43.50 | -15.52 |
| 165.80 | Peak | 37.27 | -12.55 | 24.72 | 43.50 | -18.78 |
| 240.49 | Peak | 39.43 | -10.12 | 29.31 | 46.00 | -16.69 |
| 900.09 | Peak | 29.09 | 1.12 | 30.21 | 46.00 | -15.79 |

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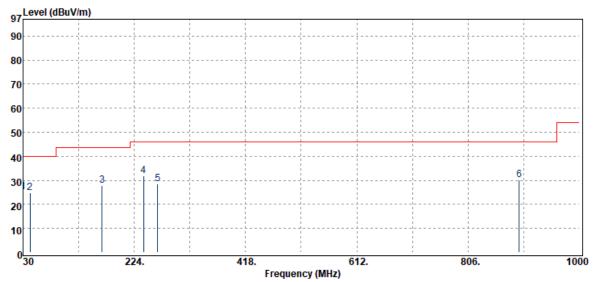
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11aB3 :25.0/69

Test Frequency :5580 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 30.00 | Peak | 29.64 | -4.56 | 25.08 | 40.00 | -14.92 |
| 42.61 | Peak | 36.12 | -11.34 | 24.78 | 40.00 | -15.22 |
| 167.74 | Peak | 40.51 | -12.79 | 27.72 | 43.50 | -15.78 |
| 240.49 | Peak | 42.17 | -10.12 | 32.05 | 46.00 | -13.95 |
| 264.74 | Peak | 36.99 | -8.34 | 28.65 | 46.00 | -17.35 |
| 895.24 | Peak | 29.11 | 1.19 | 30.30 | 46.00 | -15.70 |

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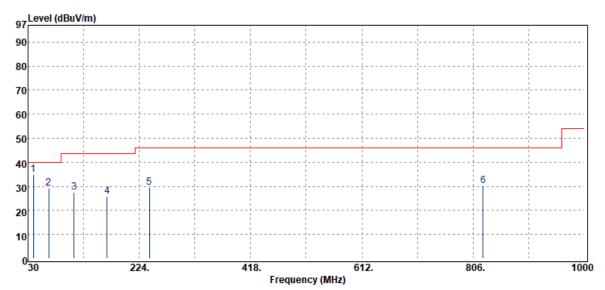


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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB4 Temp./Humi. :25.0/69 **Test Frequency** :5785 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 39.70 | Peak | 44.55 | -9.69 | 34.86 | 40.00 | -5.14 |
| 65.89 | Peak | 46.51 | -17.37 | 29.14 | 40.00 | -10.86 |
| 110.51 | Peak | 39.41 | -11.73 | 27.68 | 43.50 | -15.82 |
| 167.74 | Peak | 38.62 | -12.79 | 25.83 | 43.50 | -17.67 |
| 241.46 | Peak | 39.62 | -10.05 | 29.57 | 46.00 | -16.43 |
| 823.46 | Peak | 31.09 | -0.78 | 30.31 | 46.00 | -15.69 |

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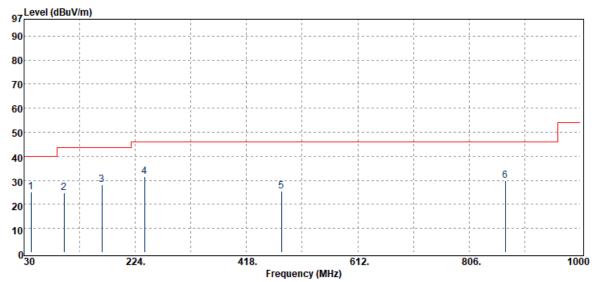
Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11aB4 :25.0/69

Test Frequency :5785 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 42.61 | Peak | 36.41 | -11.34 | 25.07 | 40.00 | -14.93 |
| 99.84 | Peak | 37.30 | -12.56 | 24.74 | 43.50 | -18.76 |
| 165.80 | Peak | 40.60 | -12.55 | 28.05 | 43.50 | -15.45 |
| 240.49 | Peak | 41.65 | -10.12 | 31.53 | 46.00 | -14.47 |
| 479.11 | Peak | 30.80 | -5.37 | 25.43 | 46.00 | -20.57 |
| 869.05 | Peak | 29.69 | 0.28 | 29.97 | 46.00 | -16.03 |

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:Thomas

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Engineer

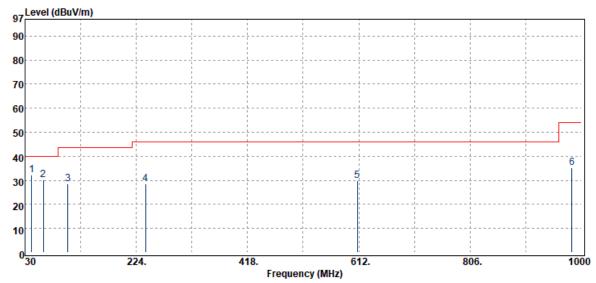
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B1 Temp./Humi. :25.0/69

Test Frequency :5210 MHz Antenna Pol. :VERTICAL Test Mode

EUT Pol :H Plane

:Tx CH Low



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 41.64 | Peak | 43.06 | -10.86 | 32.20 | 40.00 | -7.80 |
| 62.01 | Peak | 47.57 | -17.33 | 30.24 | 40.00 | -9.76 |
| 104.69 | Peak | 40.66 | -12.05 | 28.61 | 43.50 | -14.89 |
| 240.49 | Peak | 38.71 | -10.12 | 28.59 | 46.00 | -17.41 |
| 609.09 | Peak | 33.32 | -3.29 | 30.03 | 46.00 | -15.97 |
| 983.51 | Peak | 32.77 | 2.56 | 35.33 | 54.00 | -18.67 |

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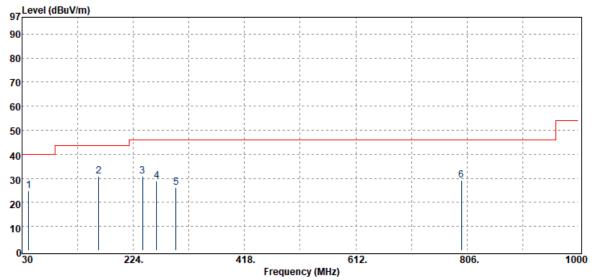
Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11ac80B1 :25.0/69

Test Frequency :5210 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dΒμV/m | Limit @3m dBµV/m | Margin dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 2 | | p | 42 | υ γ· · / | ٠ ۲۰۰۲/ | <u> </u> |
| 41.64 | Peak | 35.65 | -10.86 | 24.79 | 40.00 | -15.21 |
| 163.86 | Peak | 43.32 | -12.52 | 30.80 | 43.50 | -12.70 |
| 240.49 | Peak | 41.10 | -10.12 | 30.98 | 46.00 | -15.02 |
| 264.74 | Peak | 37.10 | -8.34 | 28.76 | 46.00 | -17.24 |
| 298.69 | Peak | 34.76 | -8.57 | 26.19 | 46.00 | -19.81 |
| 796.30 | Peak | 30.15 | -0.98 | 29.17 | 46.00 | -16.83 |

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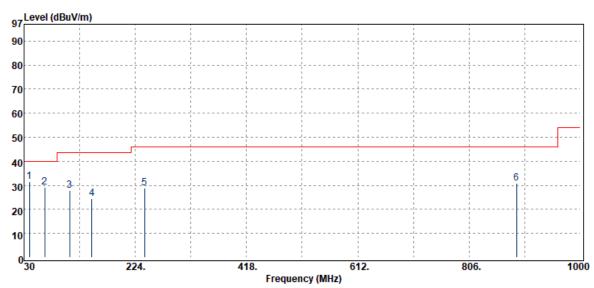
Page: 160 of 404

Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B2 Temp./Humi. :25.0/69

Test Frequency :5290 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas **EUT Pol** :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 39.70 | Peak | 41.09 | -9.69 | 31.40 | 40.00 | -8.60 |
| 65.89 | Peak | 46.62 | -17.37 | 29.25 | 40.00 | -10.75 |
| 109.54 | Peak | 39.72 | -11.73 | 27.99 | 43.50 | -15.51 |
| 148.34 | Peak | 36.63 | -11.98 | 24.65 | 43.50 | -18.85 |
| 240.49 | Peak | 39.01 | -10.12 | 28.89 | 46.00 | -17.11 |
| 888.45 | Peak | 30.05 | 0.96 | 31.01 | 46.00 | -14.99 |

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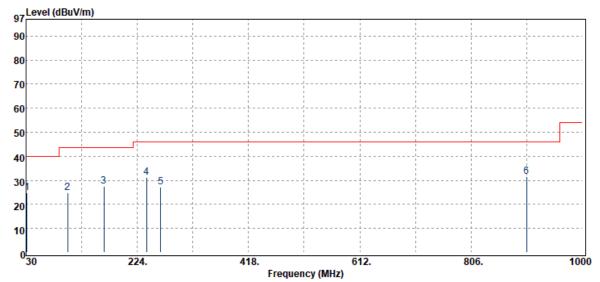
Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11ac80B2 :25.0/69

Test Frequency :5290 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dB _u V | Factor dB | Actual FS dΒμV/m | Limit @3m dBµV/m | Margin dB |
|--------------|------------------------------|--|--------------|------------------------|------------------------|--------------|
| | 11001710 | 0.2 p. 1 | 45 | 012 pt 1 / 111 | 012 pt 1 / 111 | <u> </u> |
| 31.94 | Peak | 30.06 | -5.32 | 24.74 | 40.00 | -15.26 |
| 102.75 | Peak | 37.24 | -12.24 | 25.00 | 43.50 | -18.50 |
| 165.80 | Peak | 40.06 | -12.55 | 27.51 | 43.50 | -15.99 |
| 240.49 | Peak | 41.31 | -10.12 | 31.19 | 46.00 | -14.81 |
| 264.74 | Peak | 35.62 | -8.34 | 27.28 | 46.00 | -18.72 |
| 903.00 | Peak | 30.56 | 1.02 | 31.58 | 46.00 | -14.42 |

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:Thomas

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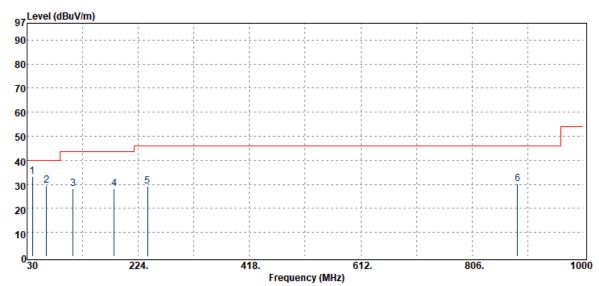
Engineer

Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B3 Temp./Humi. :25.0/69

Test Frequency :5610 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH Mid

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 39.70 | Peak | 42.84 | -9.69 | 33.15 | 40.00 | -6.85 |
| 63.95 | Peak | 46.86 | -17.30 | 29.56 | 40.00 | -10.44 |
| 110.51 | Peak | 39.87 | -11.73 | 28.14 | 43.50 | -15.36 |
| 182.29 | Peak | 41.38 | -13.24 | 28.14 | 43.50 | -15.36 |
| 240.49 | Peak | 39.41 | -10.12 | 29.29 | 46.00 | -16.71 |
| 885.54 | Peak | 29.25 | 0.81 | 30.06 | 46.00 | -15.94 |

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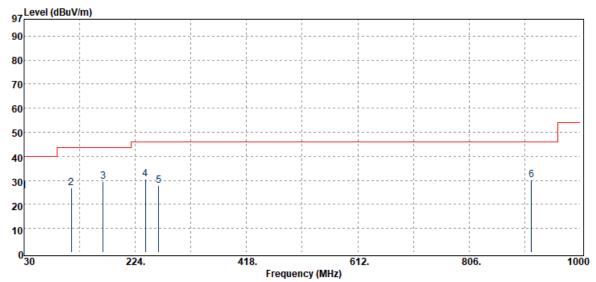
Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11ac80B3 :25.0/69

Test Frequency :5610 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 30.00 | Peak | 30.05 | -4.56 | 25.49 | 40.00 | -14.51 |
| 112.45 | Peak | 38.31 | -11.60 | 26.71 | 43.50 | -16.79 |
| 167.74 | Peak | 42.47 | -12.79 | 29.68 | 43.50 | -13.82 |
| 241.46 | Peak | 40.60 | -10.05 | 30.55 | 46.00 | -15.45 |
| 264.74 | Peak | 36.36 | -8.34 | 28.02 | 46.00 | -17.98 |
| 914.64 | Peak | 29.48 | 0.75 | 30.23 | 46.00 | -15.77 |

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Test Mode

10

Report No.: ER/2020/30080

:Thomas

1000

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Engineer

806.

Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B4 Temp./Humi. :25.0/69

Test Frequency :5775 MHz Antenna Pol. :VERTICAL

EUT Pol :H Plane

224.

:Tx CH Low



| F | real | ier | 1CV | (MI | H7) |
|---|------|-----|-----|-----|-----|

418.

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 39.70 | Peak | 41.00 | -9.69 | 31.31 | 40.00 | -8.69 |
| 63.95 | Peak | 46.74 | -17.30 | 29.44 | 40.00 | -10.56 |
| 110.51 | Peak | 40.79 | -11.73 | 29.06 | 43.50 | -14.44 |
| 152.22 | Peak | 36.52 | -12.05 | 24.47 | 43.50 | -19.03 |
| 240.49 | Peak | 39.25 | -10.12 | 29.13 | 46.00 | -16.87 |
| 941.80 | Peak | 29.12 | 1.16 | 30.28 | 46.00 | -15.72 |

612.

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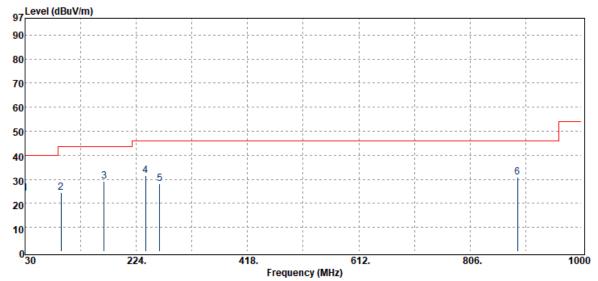
Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode Temp./Humi. :802.11ac80B4 :25.0/69

Test Frequency :5775 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 30.00 | Peak | 28.69 | -4.56 | 24.13 | 40.00 | -15.87 |
| 93.05 | Peak | 38.42 | -13.77 | 24.65 | 43.50 | -18.85 |
| 167.74 | Peak | 41.91 | -12.79 | 29.12 | 43.50 | -14.38 |
| 240.49 | Peak | 41.66 | -10.12 | 31.54 | 46.00 | -14.46 |
| 264.74 | Peak | 36.60 | -8.34 | 28.26 | 46.00 | -17.74 |
| 888.45 | Peak | 29.88 | 0.96 | 30.84 | 46.00 | -15.16 |

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11.7.2 Above 1GHz Worst-Case Data:

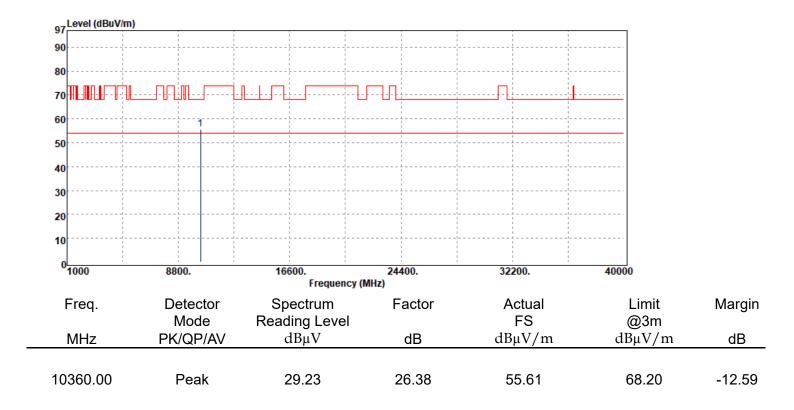
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB1 Temp./Humi. :25.0/69

Test Frequency :5180 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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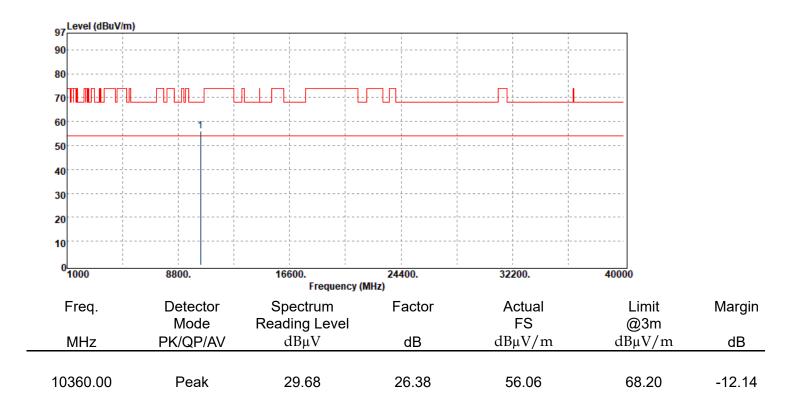
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB1 Temp./Humi. :25.0/69

Test Frequency :5180 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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:Thomas

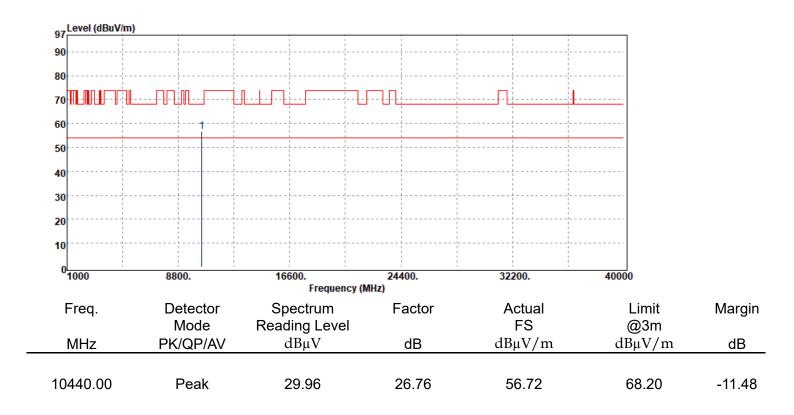
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB1 Temp./Humi. :25.0/69

Test Frequency :5220 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH Mid Engineer

EUT Pol :H Plane



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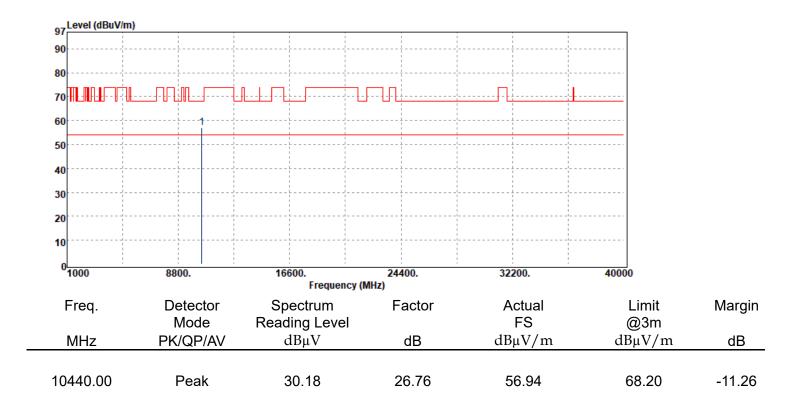
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB1 Temp./Humi. :25.0/69

Test Frequency :5220 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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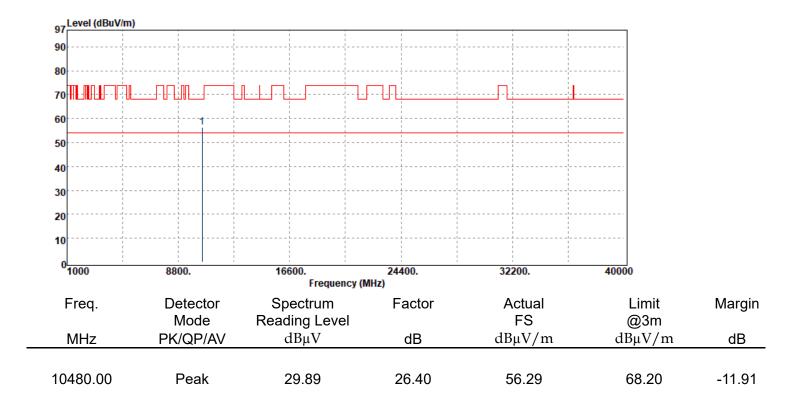
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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB1 Temp./Humi. :25.0/69

Test Frequency :5240 MHz Antenna Pol. :VERTICAL
Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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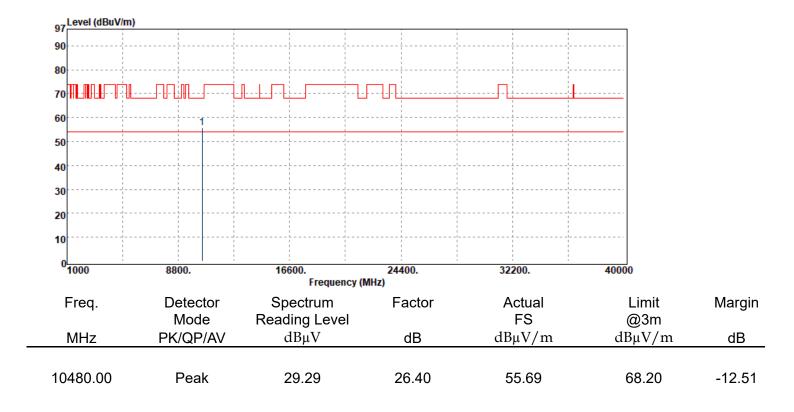
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB1 Temp./Humi. :25.0/69

Test Frequency :5240 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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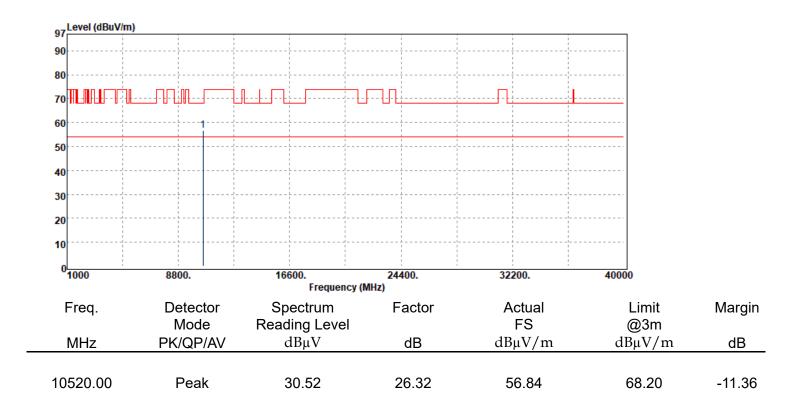
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB2 Temp./Humi. :25.0/69

Test Frequency :5260 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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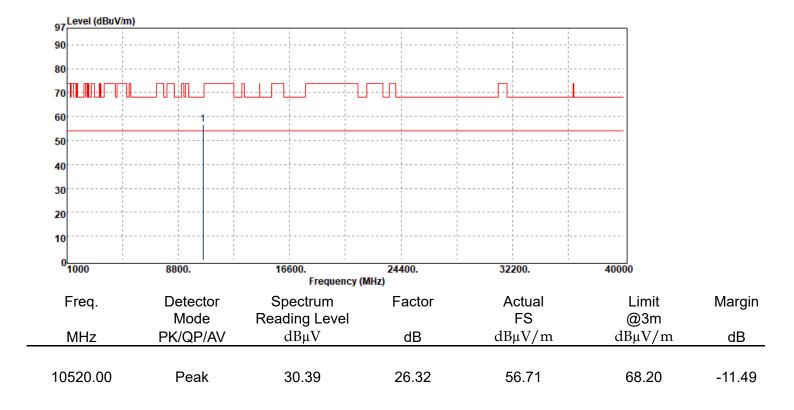
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB2 Temp./Humi. :25.0/69

Test Frequency :5260 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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:Thomas

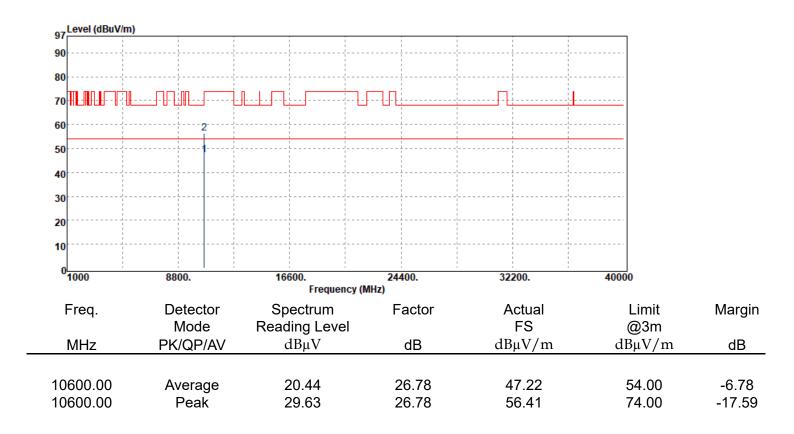
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB2 Temp./Humi. :25.0/69

Test Frequency :5300 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer **EUT Pol** :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB2 Temp./Humi. :25.0/69

Test Frequency :5300 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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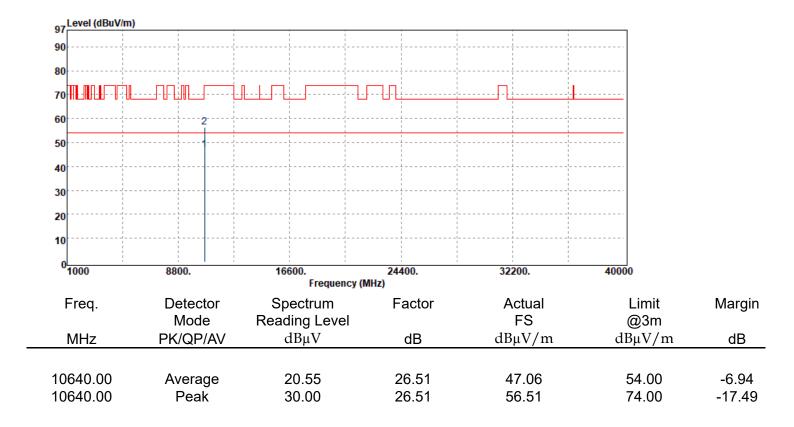
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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB2 Temp./Humi. :25.0/69

Test Frequency :5320 MHz Antenna Pol. :VERTICAL
Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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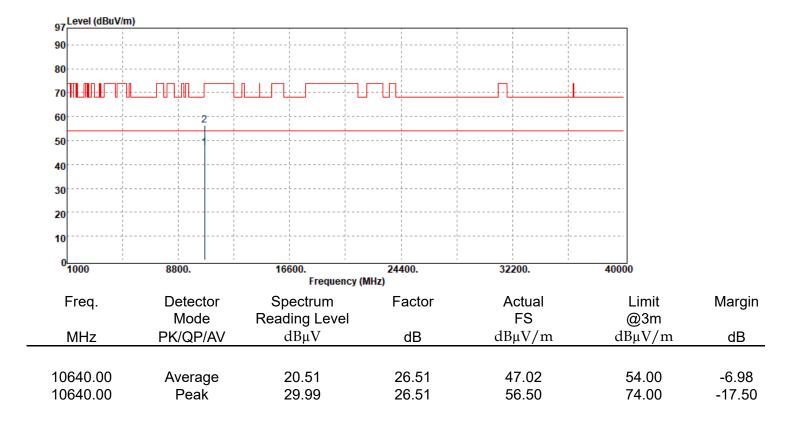
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB2 Temp./Humi. :25.0/69

Test Frequency :5320 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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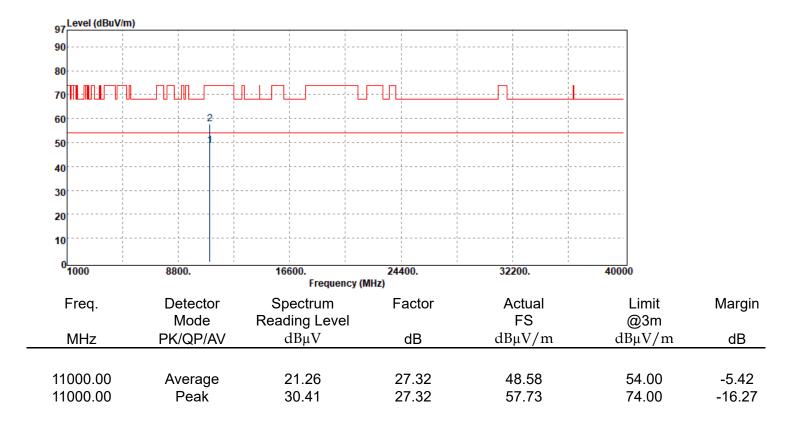
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB3 Temp./Humi. :25.0/69

Test Frequency :5500 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB3 Temp./Humi. :25.0/69

Test Frequency :5500 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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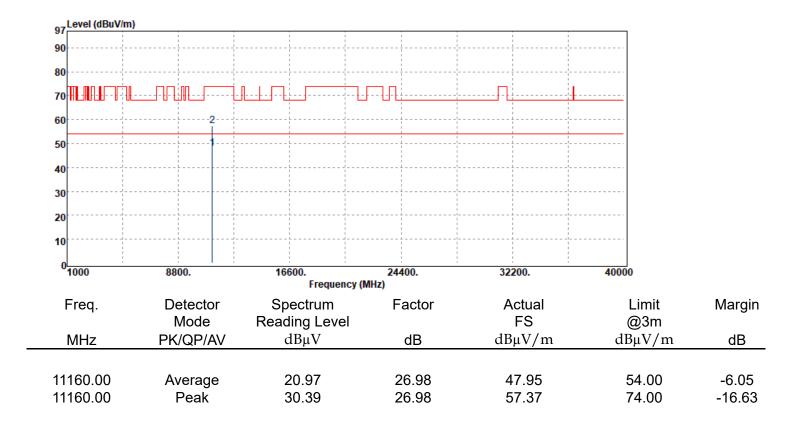
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB3 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5580 MHz Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB3 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :HORIZONTAL :5580 MHz

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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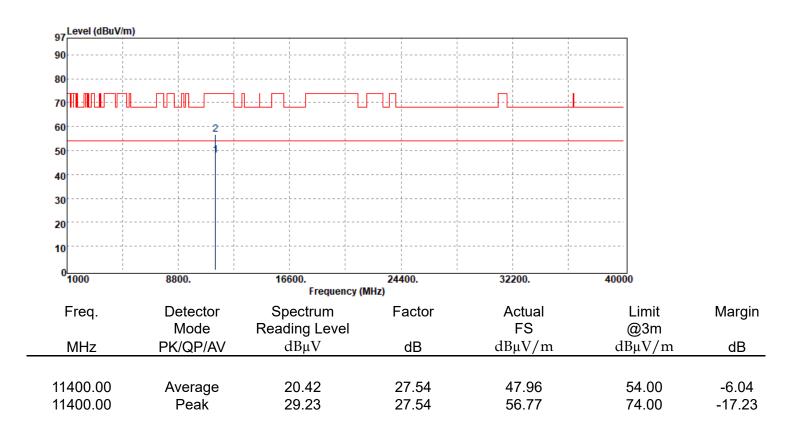
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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB3 Temp./Humi. :25.0/69

Test Frequency :5700 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas
EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB3 Temp./Humi. :25.0/69

Test Frequency :5700 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Member of SGS Group



:H Plane

EUT Pol

Report No.: ER/2020/30080

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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB3-B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5720 MHz

Test Mode :Tx CH Mid Engineer :Thomas



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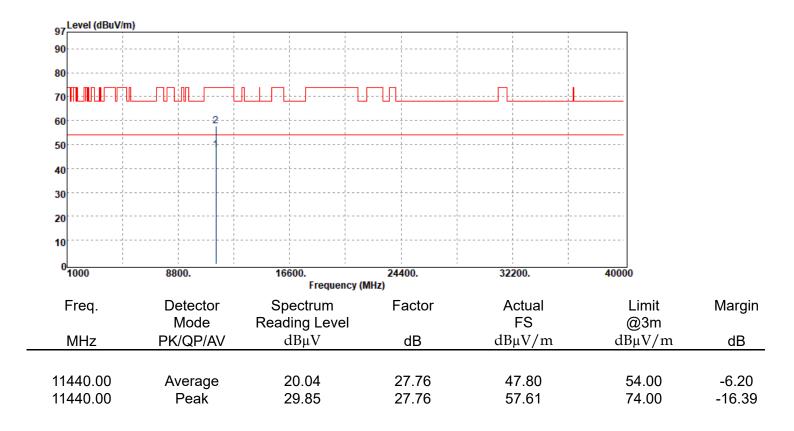
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB3-B4 Temp./Humi. :25.0/69

Test Frequency :5720 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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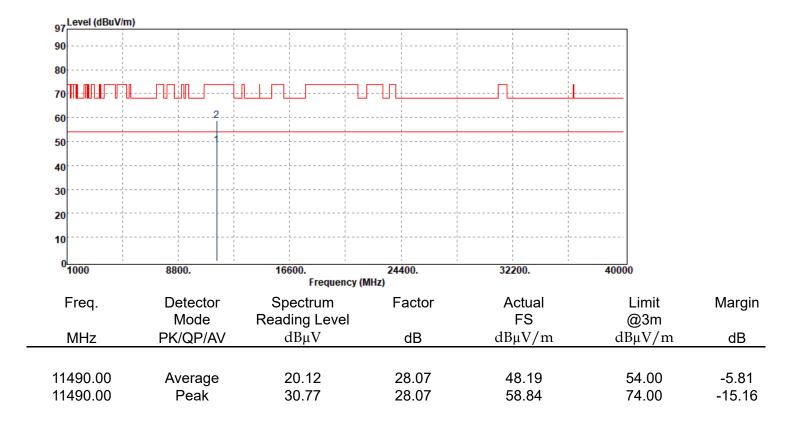
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5745 MHz Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB4 Temp./Humi. :25.0/69

Test Frequency :5745 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5785 MHz

Test Mode :Tx CH Mid Engineer :Thomas **EUT Pol** :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB4 Temp./Humi. :25.0/69

Test Frequency :5785 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11aB4 Temp./Humi. :25.0/69

Test Frequency :5825 MHz Antenna Pol. :VERTICAL Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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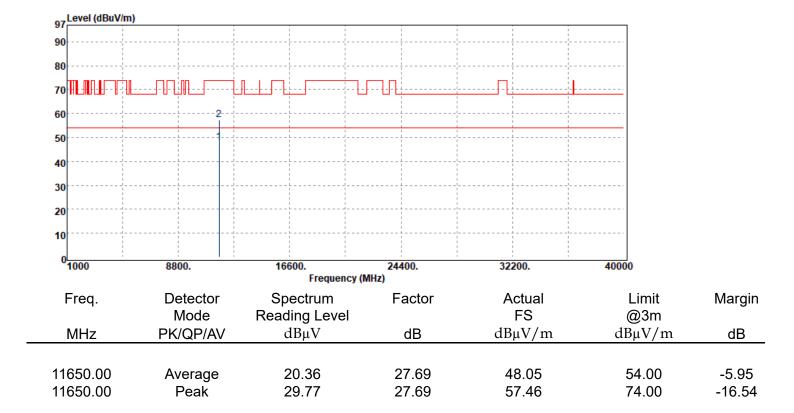
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11aB4 Temp./Humi. :25.0/69

Test Frequency :5825 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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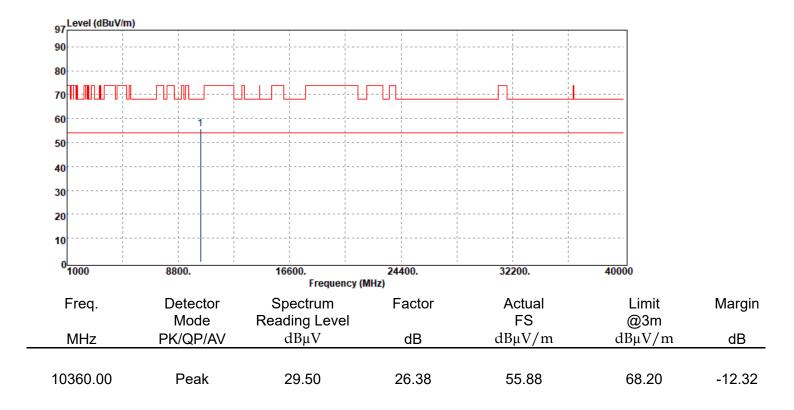
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B1 Temp./Humi. :25.0/69

Test Frequency :5180 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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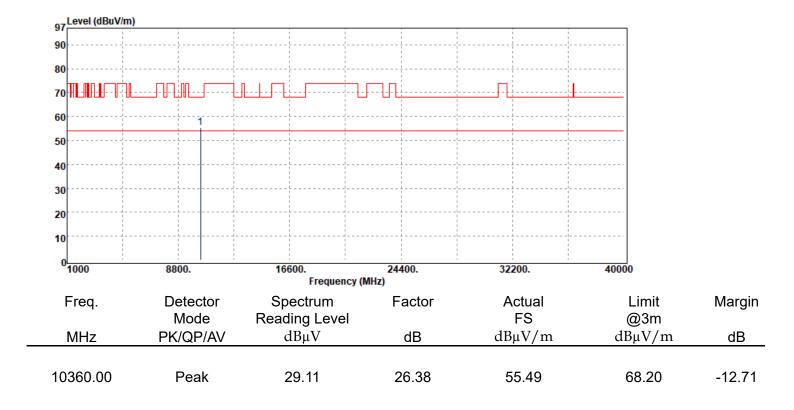
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B1 Temp./Humi. :25.0/69

Test Frequency :5180 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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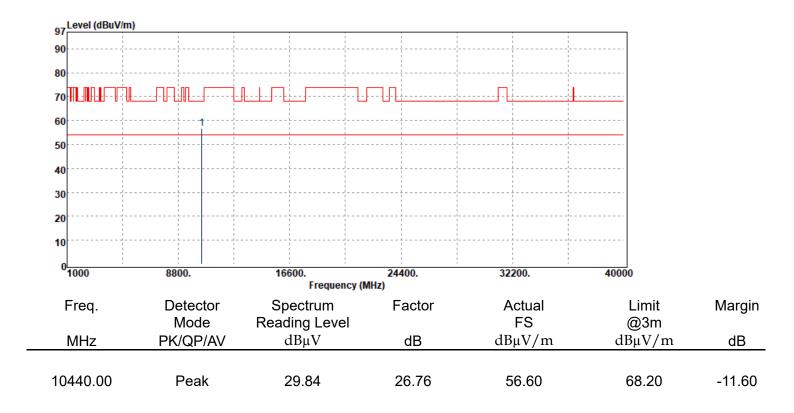
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B1 Temp./Humi. :25.0/69

:5220 MHz **Test Frequency** Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B1 Temp./Humi. :25.0/69

:5220 MHz **Test Frequency** Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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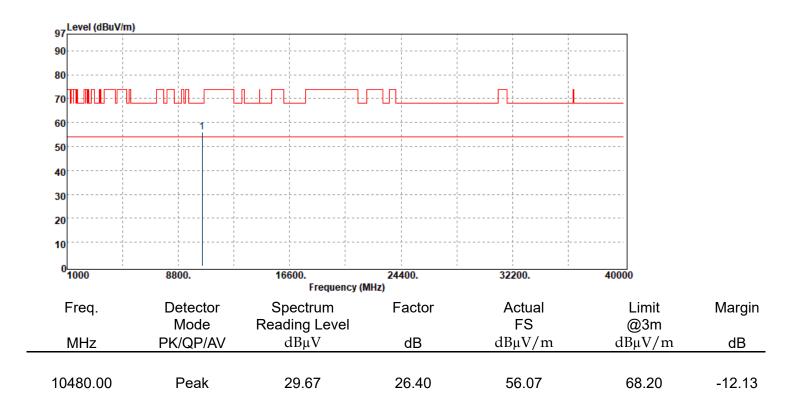
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B1 Temp./Humi. :25.0/69

Test Frequency :5240 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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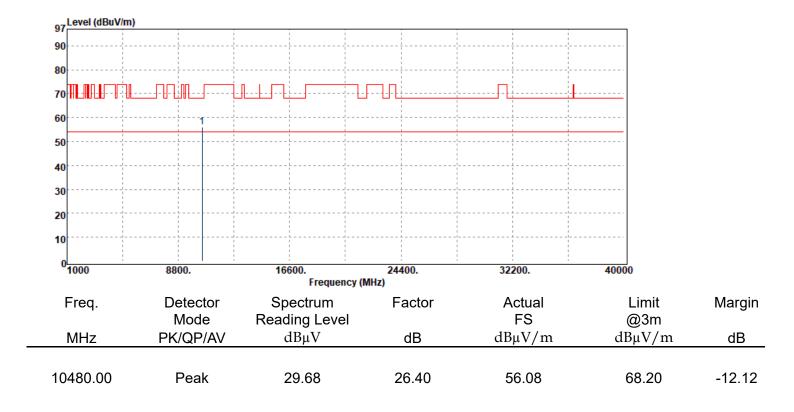
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B1 Temp./Humi. :25.0/69

Test Frequency :5240 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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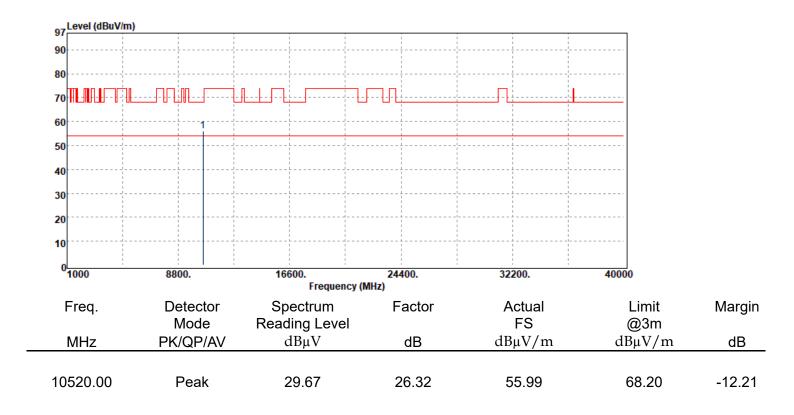
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B2 Temp./Humi. :25.0/69

Test Frequency :5260 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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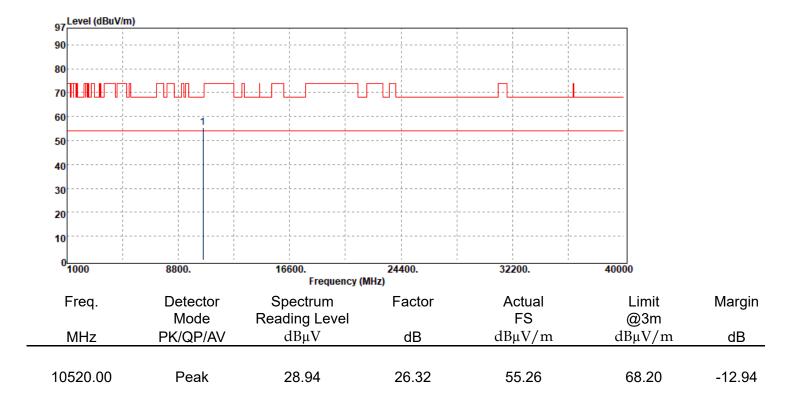
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B2 Temp./Humi. :25.0/69

Test Frequency :5260 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B2 Temp./Humi. :25.0/69

:5300 MHz **Test Frequency** Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B2 Temp./Humi. :25.0/69

:5300 MHz **Test Frequency** Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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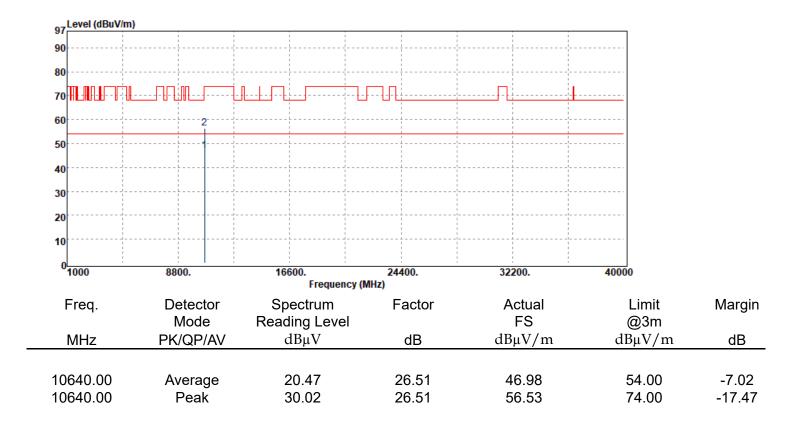
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B2 Temp./Humi. :25.0/69

Test Frequency :5320 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B2 Temp./Humi. :25.0/69

Test Frequency :5320 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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:Thomas

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Engineer

Test Date Report Number :ER/2020/30080 :2020-06-04

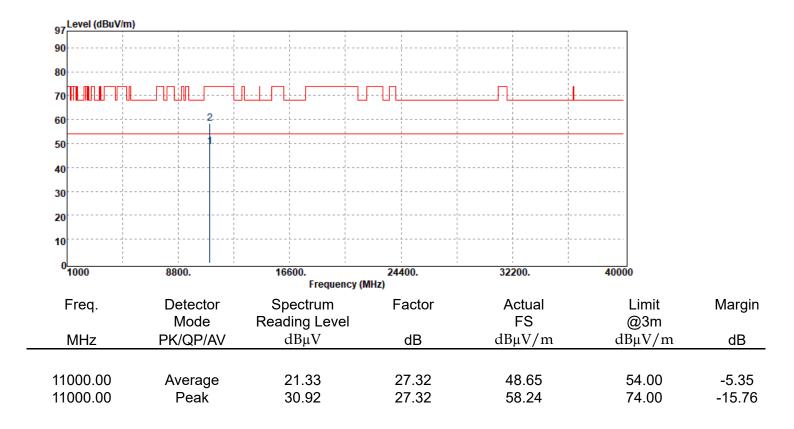
Operation Mode :802.11n20B3 Temp./Humi. :25.0/69

Test Frequency :5500 MHz Antenna Pol. :VERTICAL

EUT Pol :H Plane

:Tx CH Low

Test Mode



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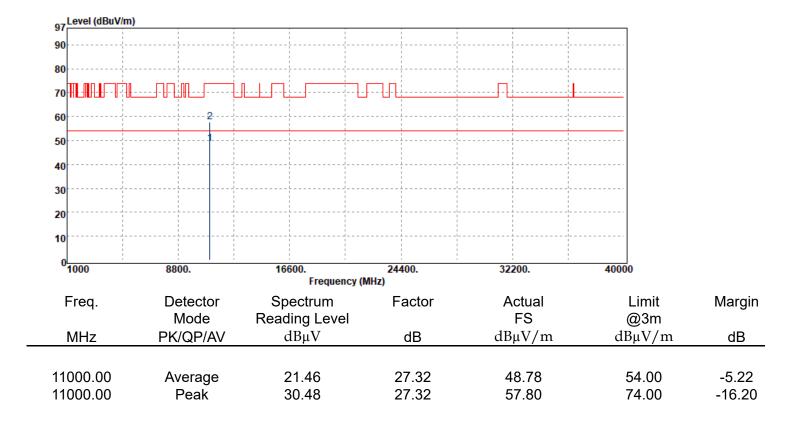
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B3 Temp./Humi. :25.0/69

Test Frequency :5500 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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:Thomas

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Engineer

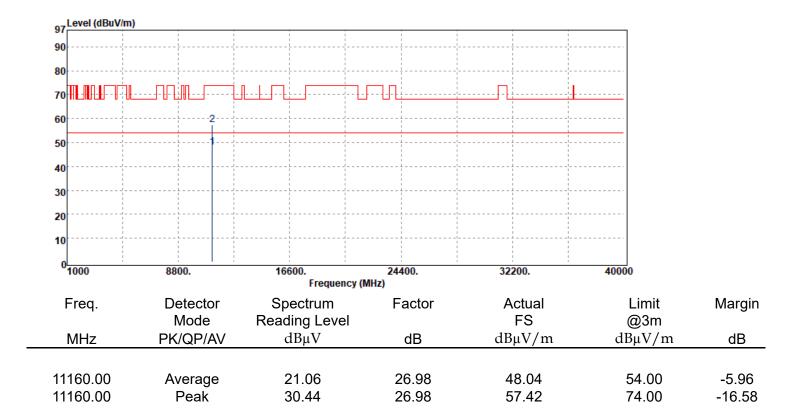
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B3 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5580 MHz Test Mode

EUT Pol :H Plane

:Tx CH Mid



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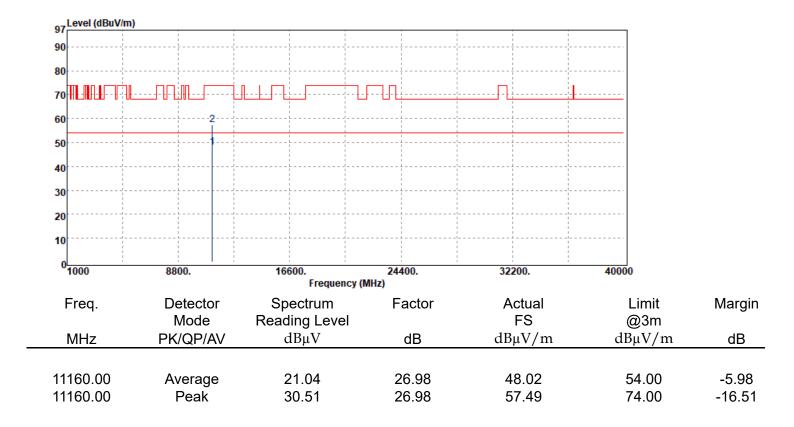
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B3 Temp./Humi. :25.0/69

Test Frequency :5580 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B3 Temp./Humi. :25.0/69

Test Frequency :5700 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

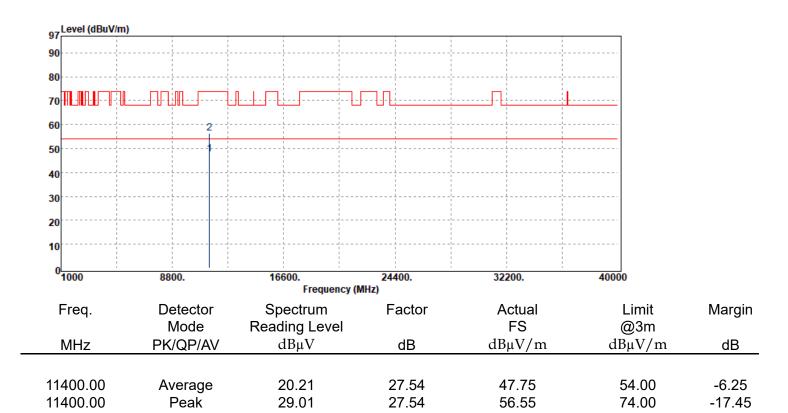
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B3 Temp./Humi. :25.0/69

Test Frequency :5700 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas



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:Thomas

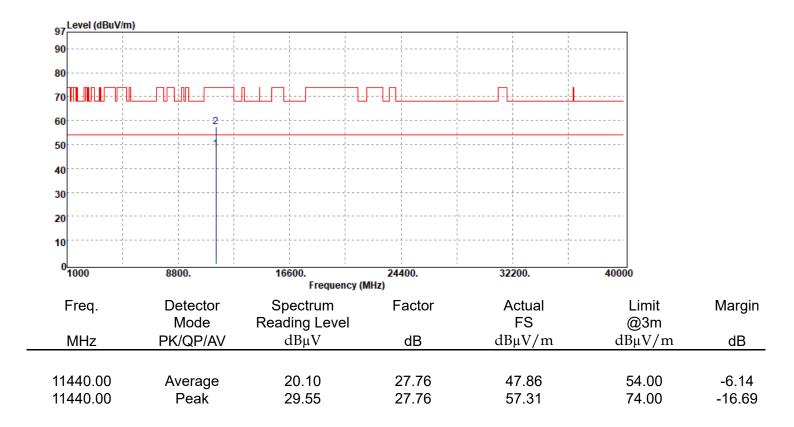
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B3-B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5720 MHz Test Mode :Tx CH Mid Engineer

EUT Pol :H Plane



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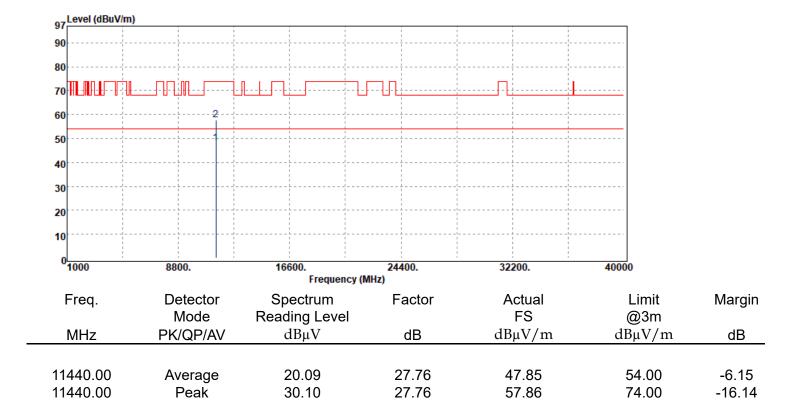
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B3-B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :HORIZONTAL :5720 MHz

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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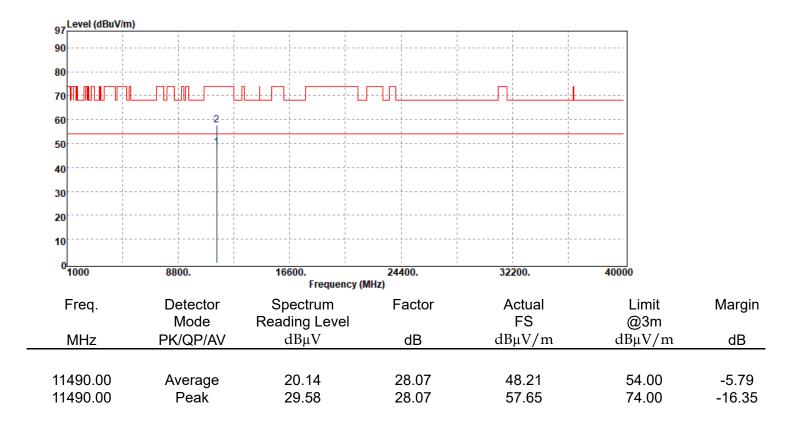
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B4 Temp./Humi. :25.0/69

Test Frequency :5745 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :HORIZONTAL :5745 MHz

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5785 MHz

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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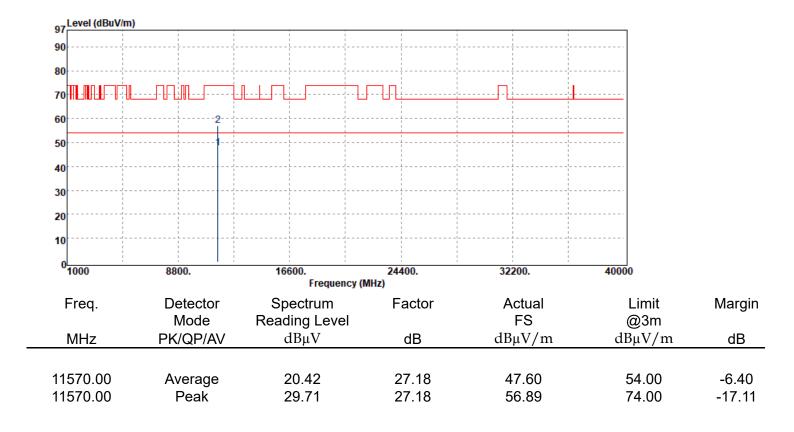
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B4 Temp./Humi. :25.0/69

Test Frequency :5785 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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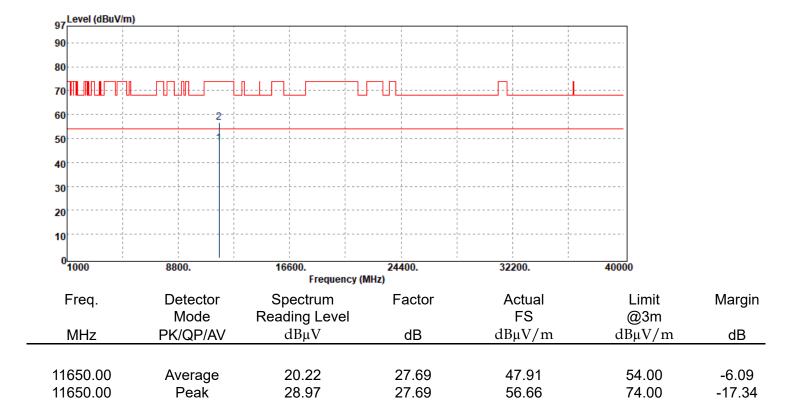
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n20B4 Temp./Humi. :25.0/69

Test Frequency :5825 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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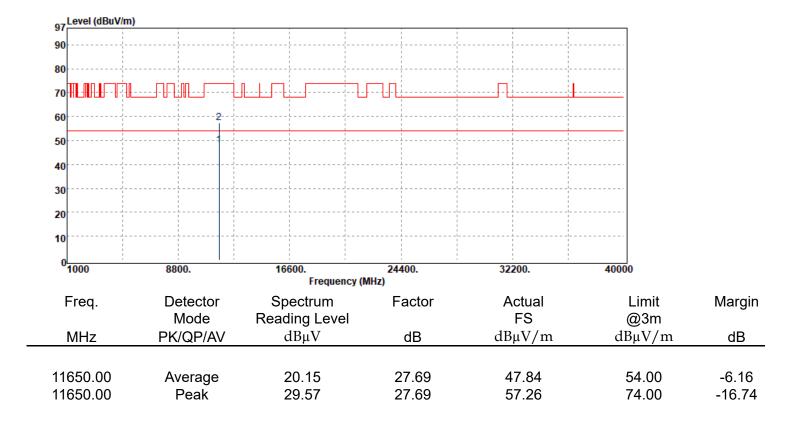
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n20B4 Temp./Humi. :25.0/69

Test Frequency :5825 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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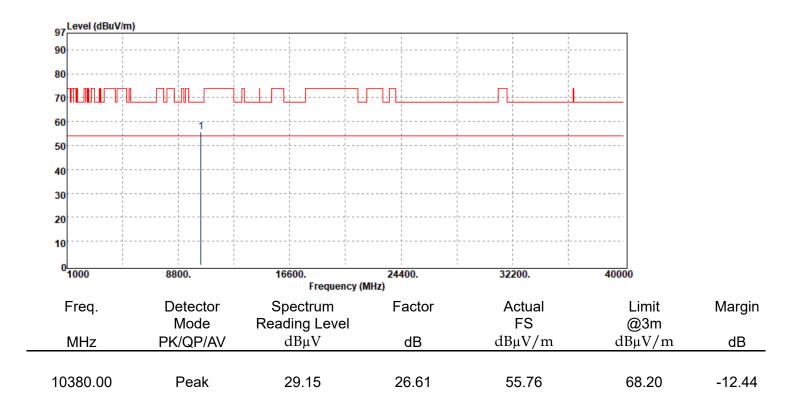
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B1 Temp./Humi. :25.0/69

Test Frequency :5190 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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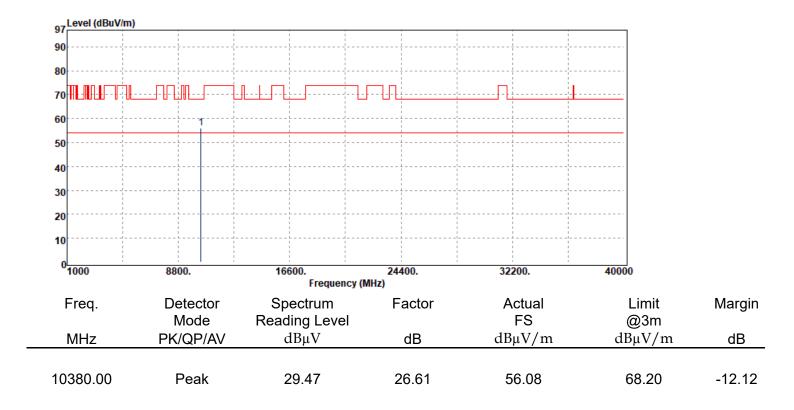
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B1 Temp./Humi. :25.0/69

Test Frequency :5190 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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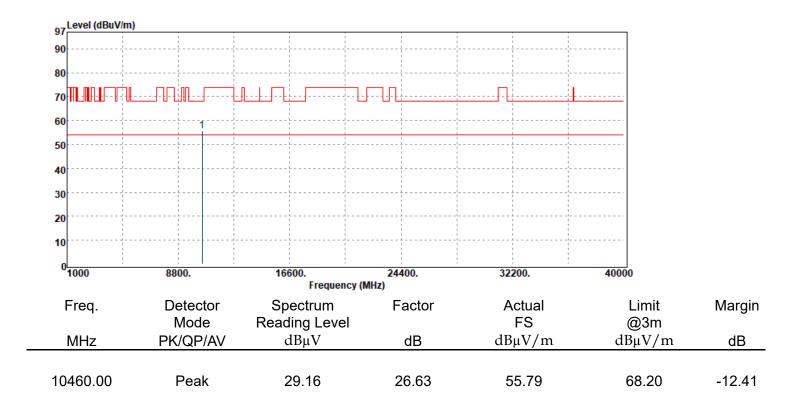
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B1 Temp./Humi. :25.0/69

Test Frequency :5230 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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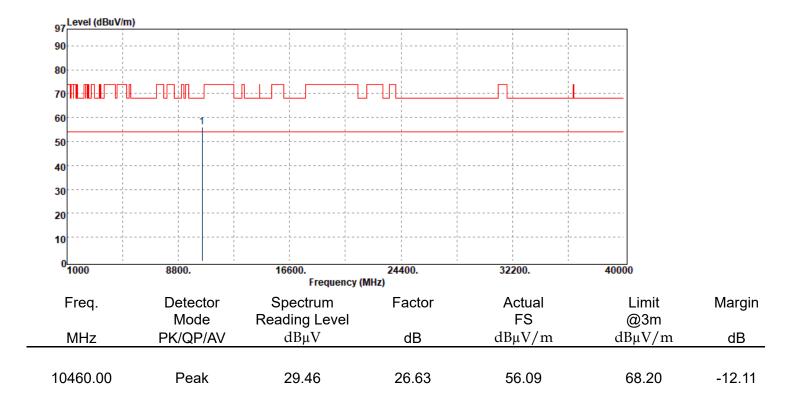
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B1 Temp./Humi. :25.0/69

Test Frequency :5230 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Test Mode

Report No.: ER/2020/30080

:Thomas

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Engineer

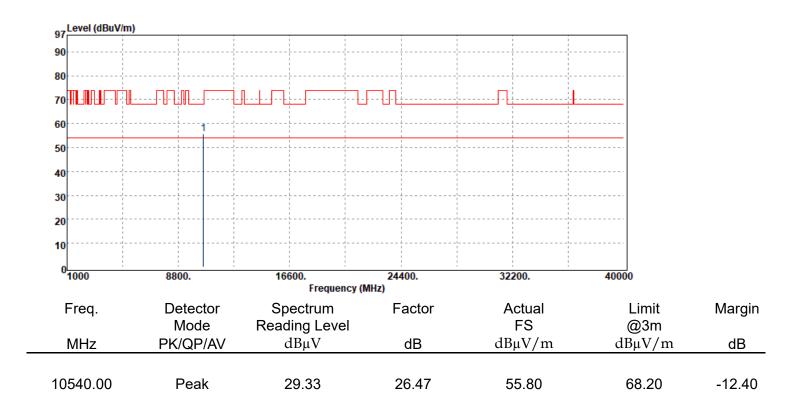
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B2 Temp./Humi. :25.0/69

Test Frequency :5270 MHz Antenna Pol. :VERTICAL

EUT Pol :H Plane

:Tx CH Low



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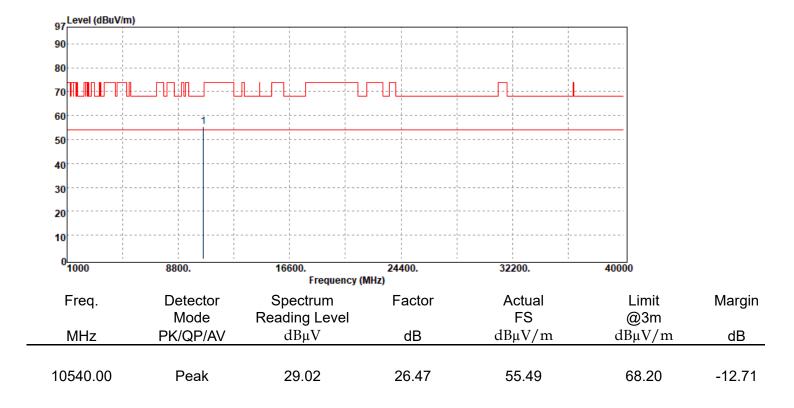
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B2 Temp./Humi. :25.0/69

Test Frequency :5270 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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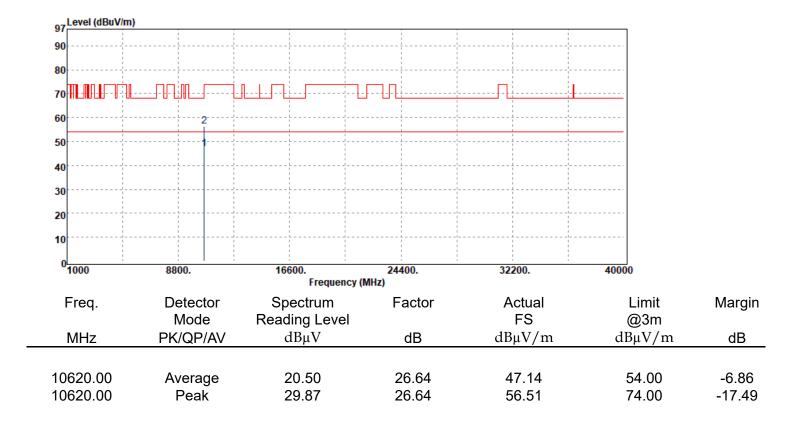
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B2 Temp./Humi. :25.0/69

Test Frequency :5310 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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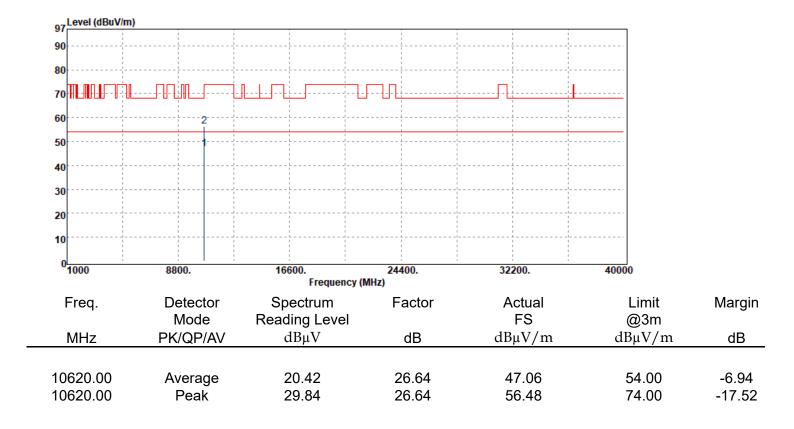
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B2 Temp./Humi. :25.0/69

Test Frequency :5310 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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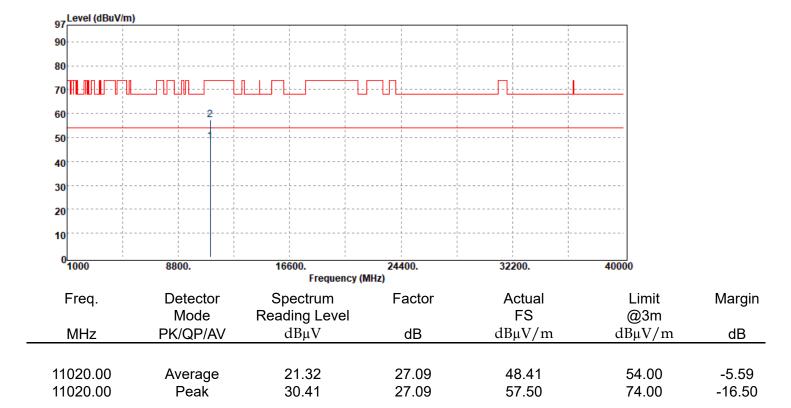
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B3 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5510 MHz

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B3 Temp./Humi. :25.0/69

Test Frequency :5510 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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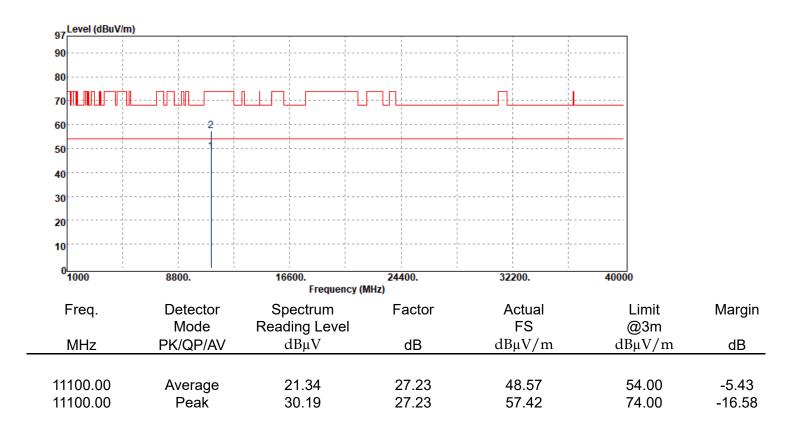
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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B3 Temp./Humi. :25.0/69

Test Frequency :5550 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas
EUT Pol :H Plane



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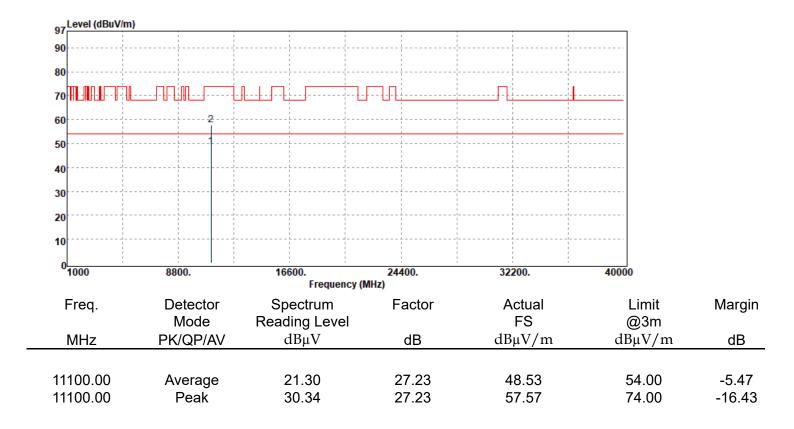
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B3 Temp./Humi. :25.0/69

Test Frequency :5550 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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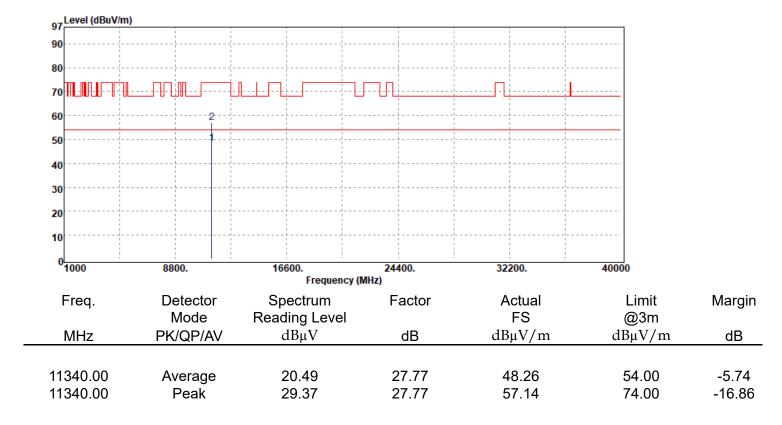
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B3 Temp./Humi. :25.0/69

Test Frequency :5670 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas





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:H Plane

EUT Pol

Report No.: ER/2020/30080

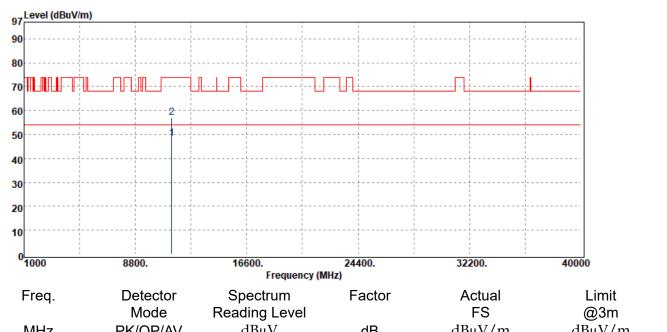
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Report Number Test Date :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B3 Temp./Humi. :25.0/69

Test Frequency :5670 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas



| | | Frequency (M | | | | |
|----------|------------------|---------------------------|--------|--------------|--------------|--------|
| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 11340.00 | Average | 20.55 | 27.77 | 48.32 | 54.00 | -5.68 |
| 11340.00 | Peak | 29.32 | 27.77 | 57.09 | 74.00 | -16.91 |

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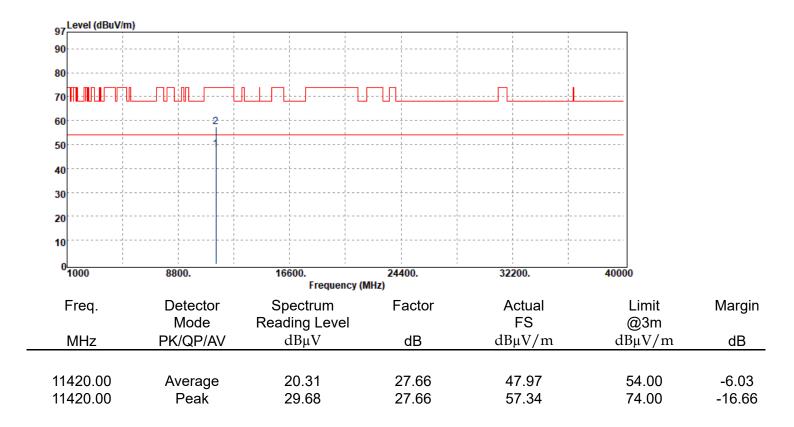
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B3-B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5710 MHz Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B3-B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :HORIZONTAL :5710 MHz

Test Mode :Tx CH Mid Engineer :Thomas



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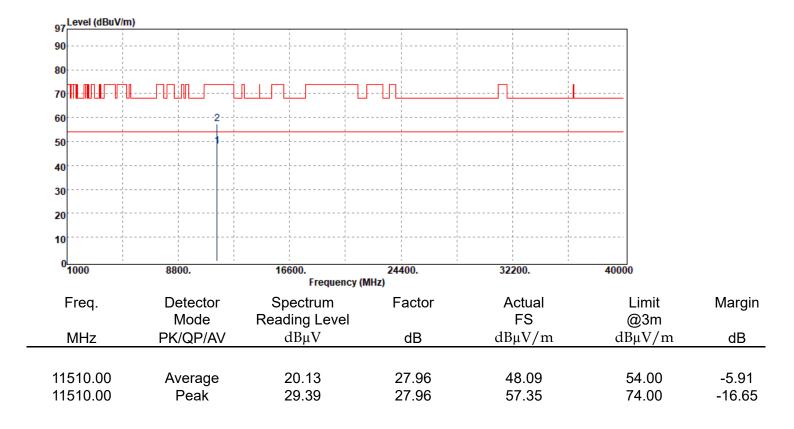
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11n40B4 Temp./Humi. :25.0/69

Test Frequency :5755 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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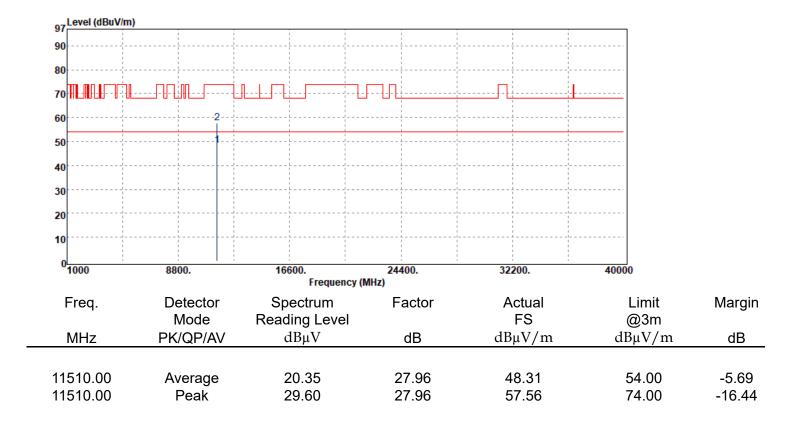
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B4 Temp./Humi. :25.0/69

Test Frequency :5755 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11n40B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5795 MHz

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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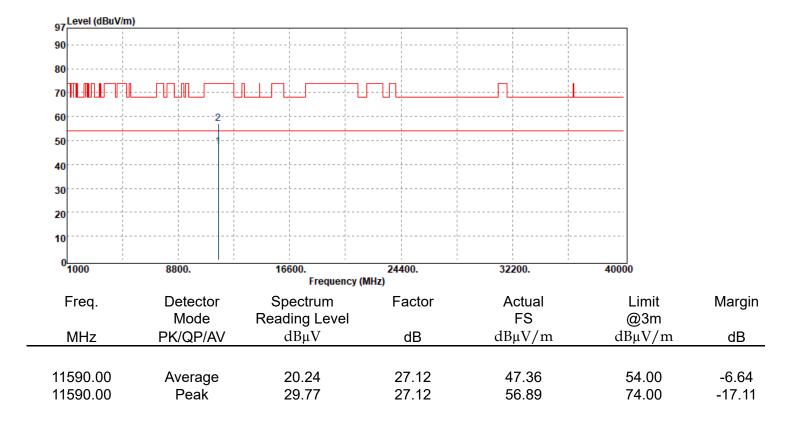
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Operation Mode :802.11n40B4 Temp./Humi. :25.0/69

Test Frequency :5795 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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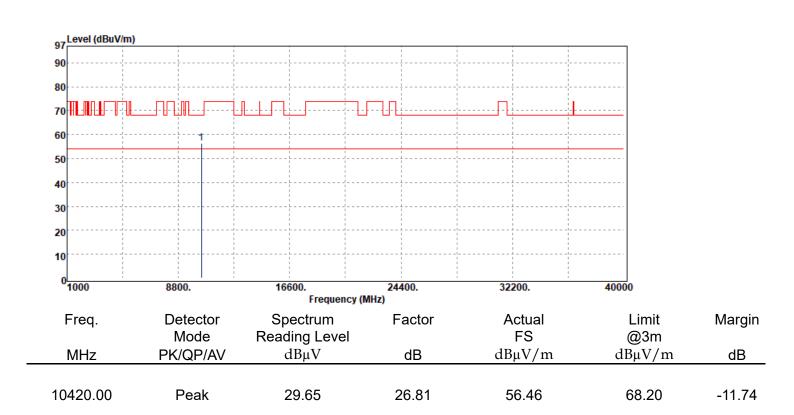
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B1 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5210 MHz

Test Mode :Tx CH Low Engineer :Thomas **EUT Pol** :H Plane



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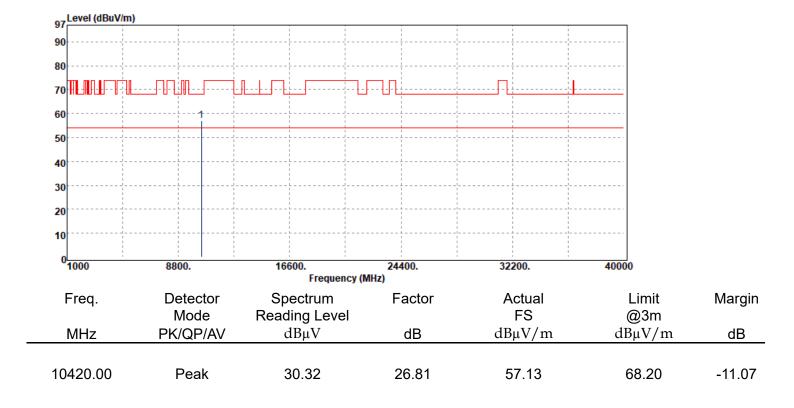
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B1 Temp./Humi. :25.0/69

Test Frequency :5210 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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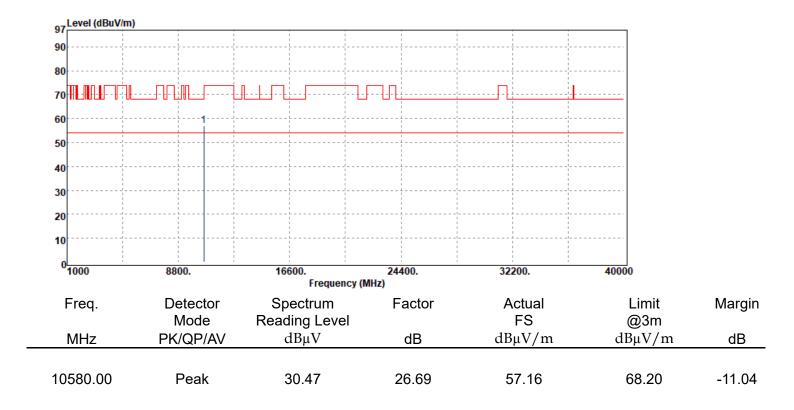
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B2 Temp./Humi. :25.0/69

Test Frequency :5290 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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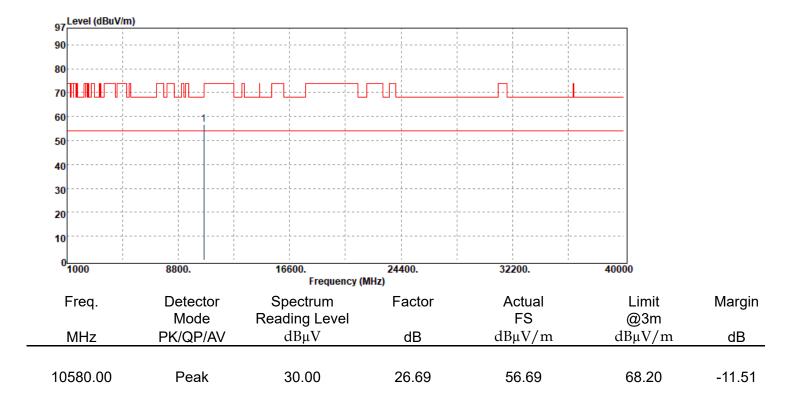
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B2 Temp./Humi. :25.0/69

Test Frequency :5290 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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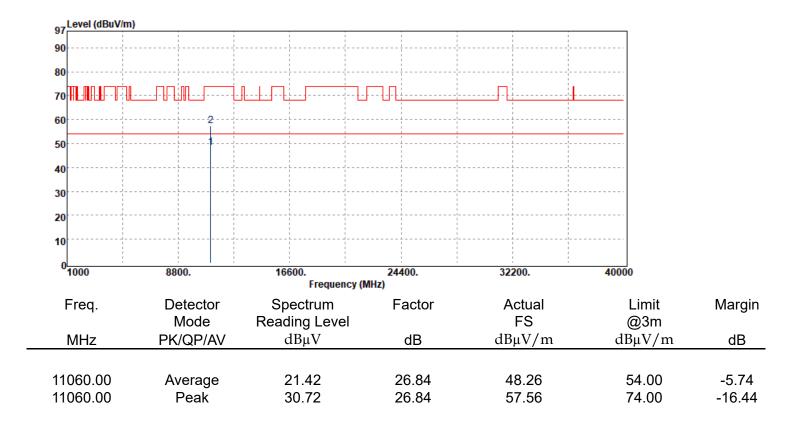
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B3 Temp./Humi. :25.0/69

Test Frequency :5530 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas **EUT Pol** :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B3 Temp./Humi. :25.0/69

Test Frequency :5530 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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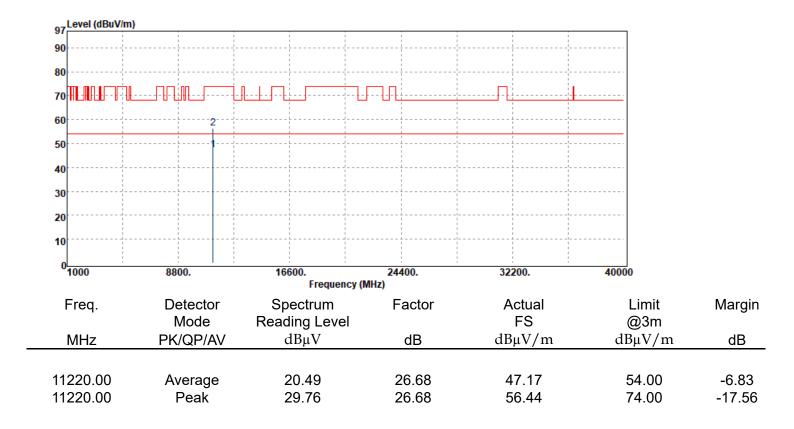
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B3 Temp./Humi. :25.0/69

Test Frequency :5610 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B3 Temp./Humi. :25.0/69

Test Frequency :5610 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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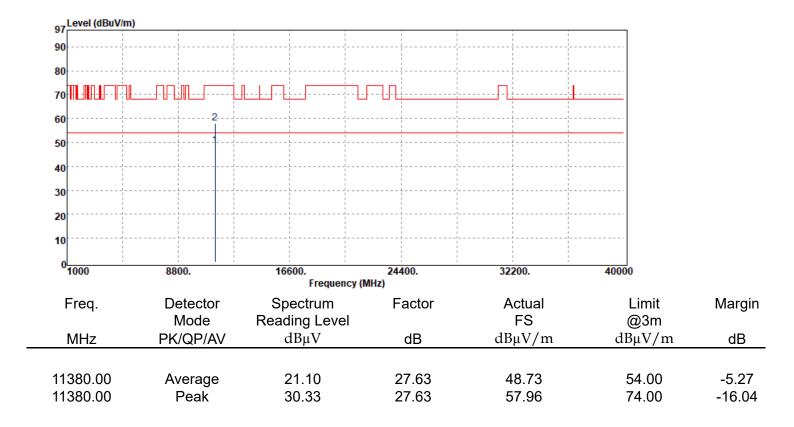
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B3 Temp./Humi. :25.0/69

Test Frequency :5690 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B3 Temp./Humi. :25.0/69

Test Frequency :5690 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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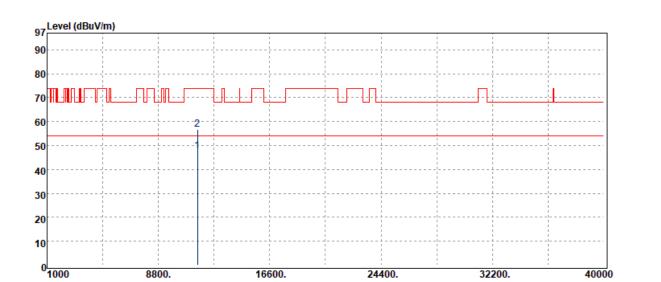
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Report Number **Test Date** :ER/2020/30080 :2020-06-04

Operation Mode :802.11ac80B4 Temp./Humi. :25.0/69

Test Frequency :5775 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas **EUT Pol** :H Plane



| | | Frequency (M | lHz) | | | |
|----------|------------------|---------------------------|--------|--------------|--------------|--------|
| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 11550.00 | Average | 20.51 | 27.23 | 47.74 | 54.00 | -6.26 |
| 11550.00 | Peak | 29.62 | 27.23 | 56.85 | 74.00 | -17.15 |

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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ac80B4 Temp./Humi. :25.0/69

Test Frequency :5775 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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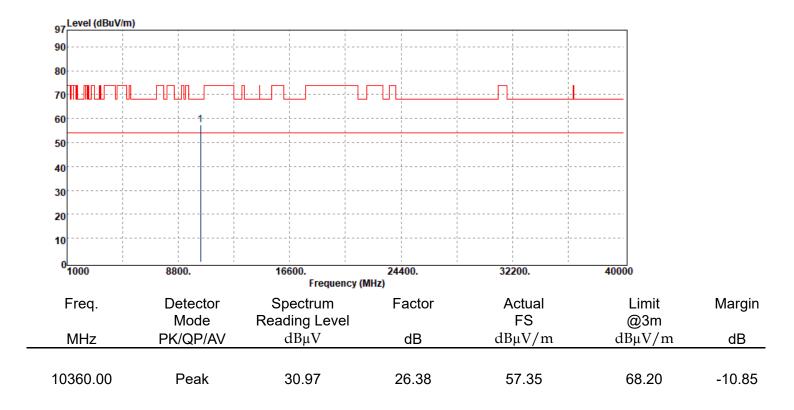
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B1 Temp./Humi. :25.0/69

Test Frequency :5180 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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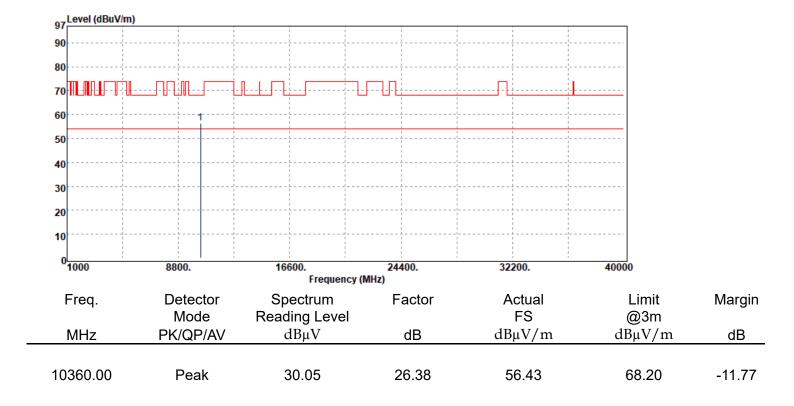
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B1 Temp./Humi. :25.0/69

Test Frequency :5180 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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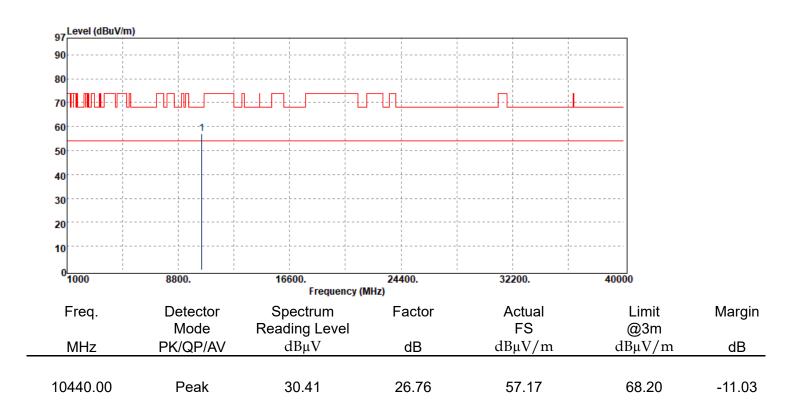
Page: 252 of 404

Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B1 Temp./Humi. :25.0/69

Test Frequency :5220 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas
EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B1 Temp./Humi. :25.0/69

Test Frequency :5220 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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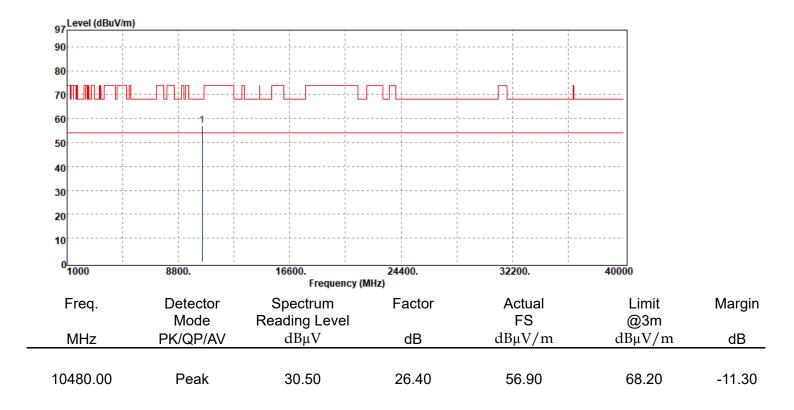
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B1 Temp./Humi. :25.0/69

Test Frequency :5240 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

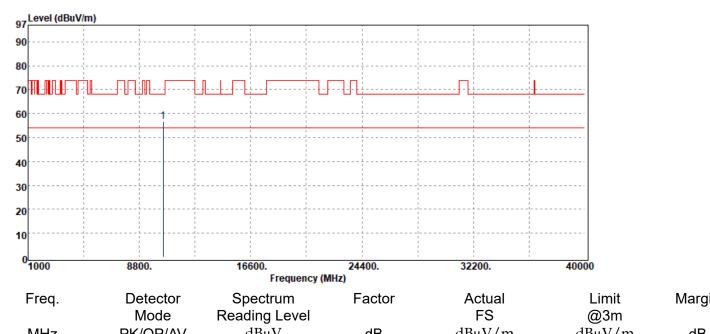
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B1 Temp./Humi. :25.0/69

Test Frequency :5240 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| 40400.00 | Deele | 20.00 | 00.40 | 50.00 | 00.00 | 44.54 |
| 10480 00 | Peak | 30 26 | 26 40 | 56 66 | 68 20 | -11 54 |

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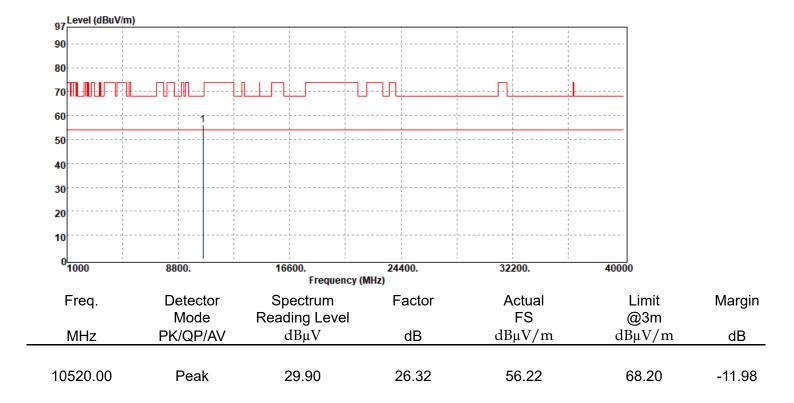
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B2 Temp./Humi. :25.0/69

Test Frequency :5260 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

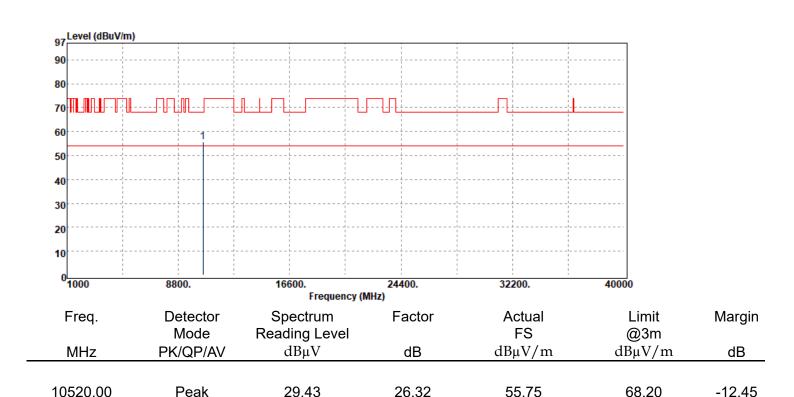
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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B2 Temp./Humi. :25.0/69

Test Frequency :5260 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas



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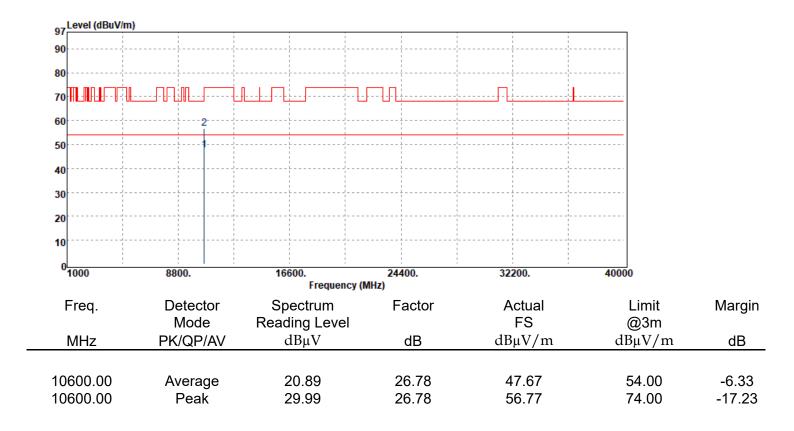
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B2 Temp./Humi. :25.0/69

Test Frequency :5300 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B2 Temp./Humi. :25.0/69

Test Frequency :5300 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B2 Temp./Humi. :25.0/69

Test Frequency :5320 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B2 Temp./Humi. :25.0/69

Test Frequency :5320 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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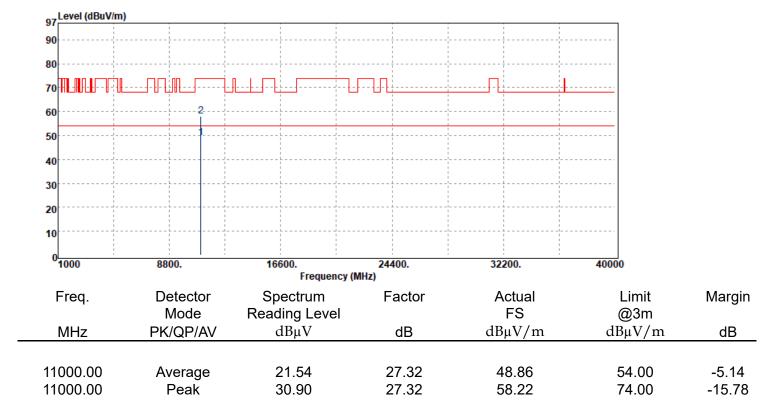
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B3 Temp./Humi. :25.0/69

Test Frequency :5500 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas





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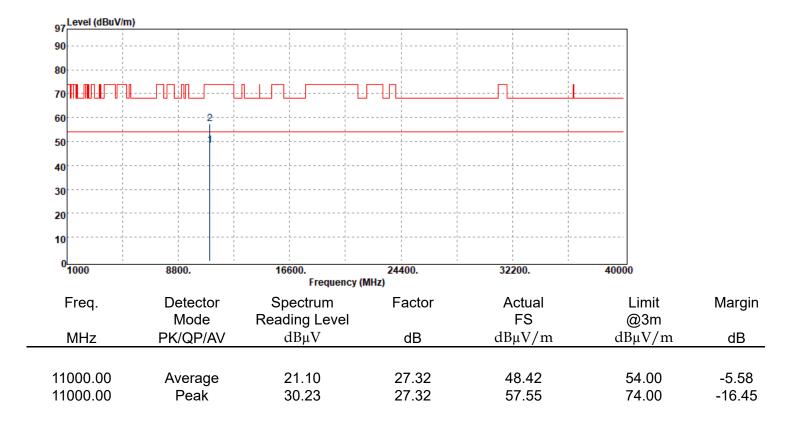
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B3 Temp./Humi. :25.0/69

Test Frequency :5500 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B3 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5580 MHz

Test Mode :Tx CH Mid Engineer :Thomas



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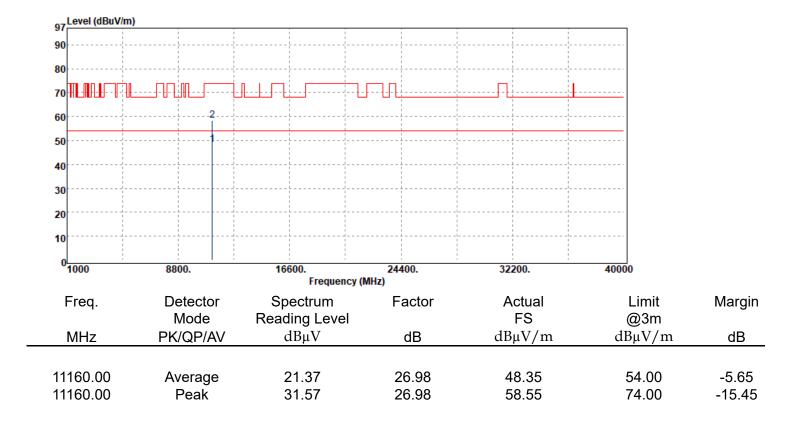
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B3 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :HORIZONTAL :5580 MHz

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B3 Temp./Humi. :25.0/69

Test Frequency :5700 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas
EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B3 Temp./Humi. :25.0/69

Test Frequency :5700 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B3-B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5720 MHz Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B3-B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :HORIZONTAL :5720 MHz

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5745 MHz

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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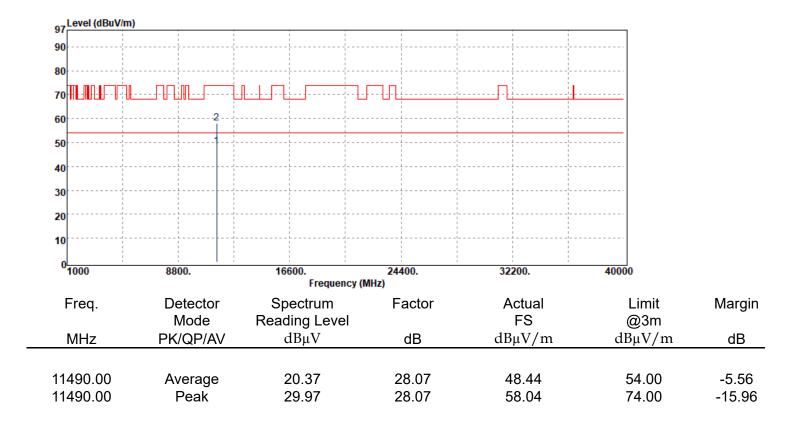
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B4 Temp./Humi. :25.0/69

Test Frequency :5745 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B4 Temp./Humi. :25.0/69

Test Frequency :5785 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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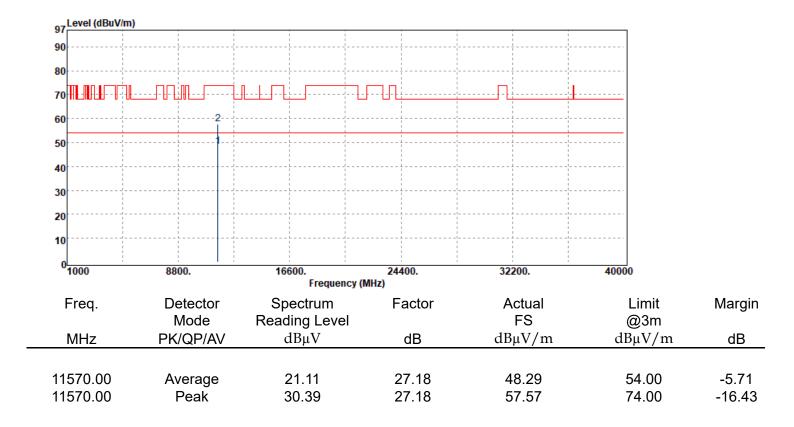
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax20B4 Temp./Humi. :25.0/69

Test Frequency :5785 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

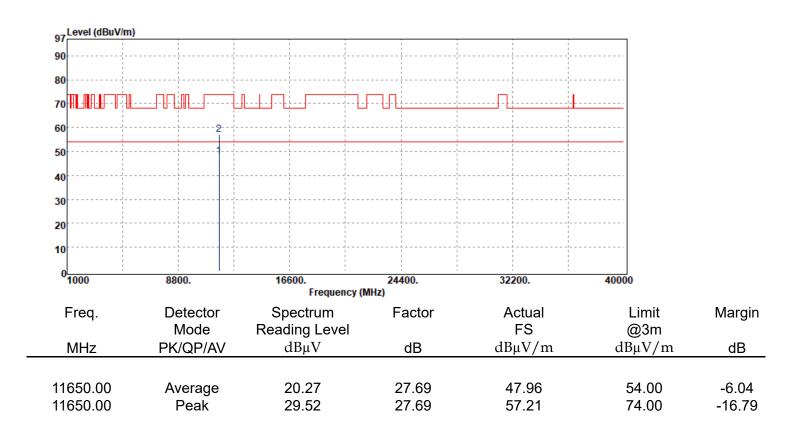
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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B4 Temp./Humi. :25.0/69

:5825 MHz **Test Frequency** Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax20B4 Temp./Humi. :25.0/69

Test Frequency :5825 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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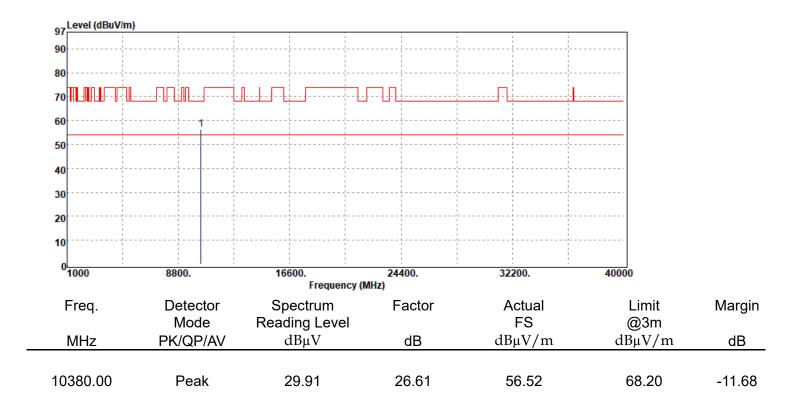
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax40B1 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5190 MHz

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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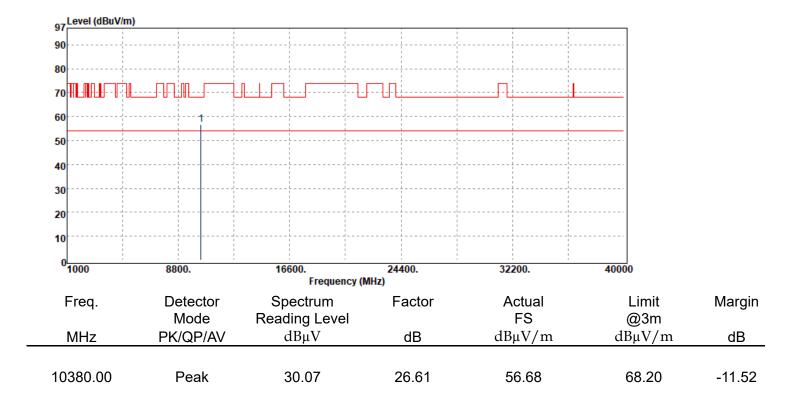
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B1 Temp./Humi. :25.0/69

Test Frequency :5190 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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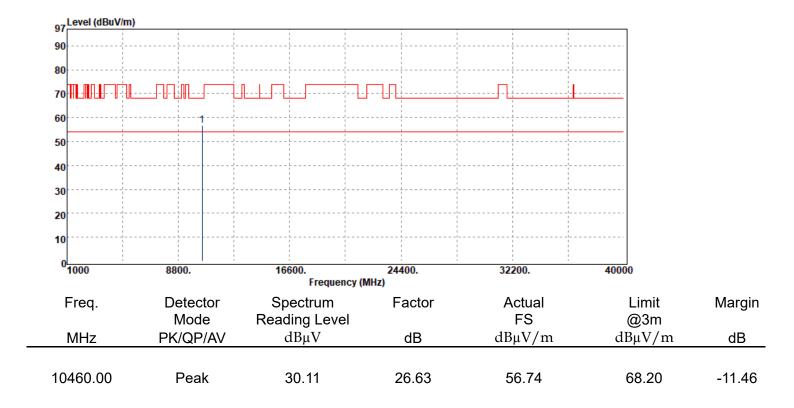
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B1 Temp./Humi. :25.0/69

Test Frequency :5230 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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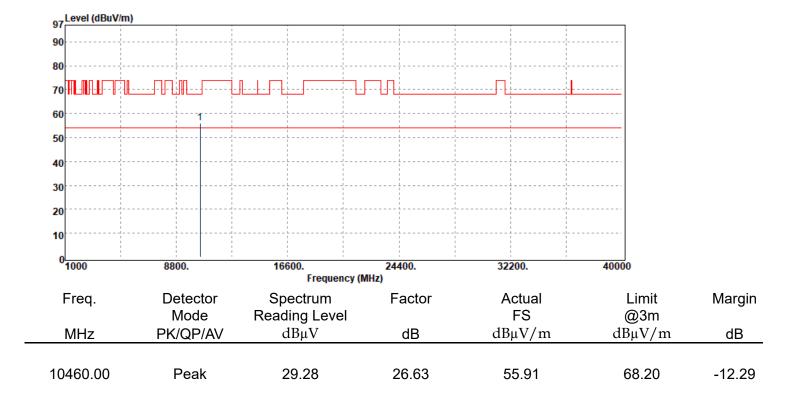
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B1 Temp./Humi. :25.0/69

Test Frequency :5230 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas





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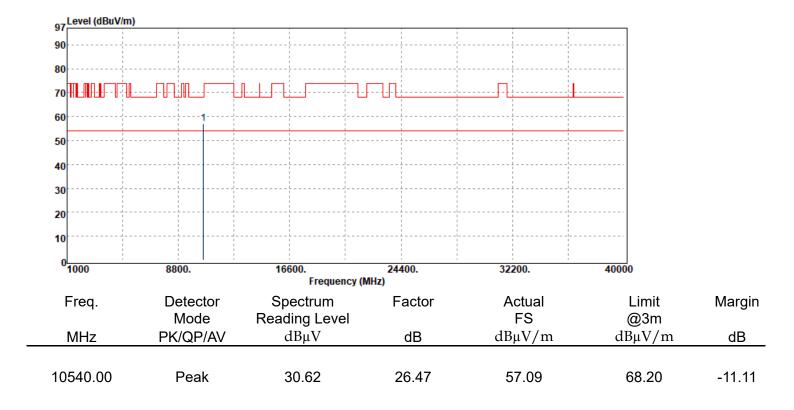
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B2 Temp./Humi. :25.0/69

Test Frequency :5270 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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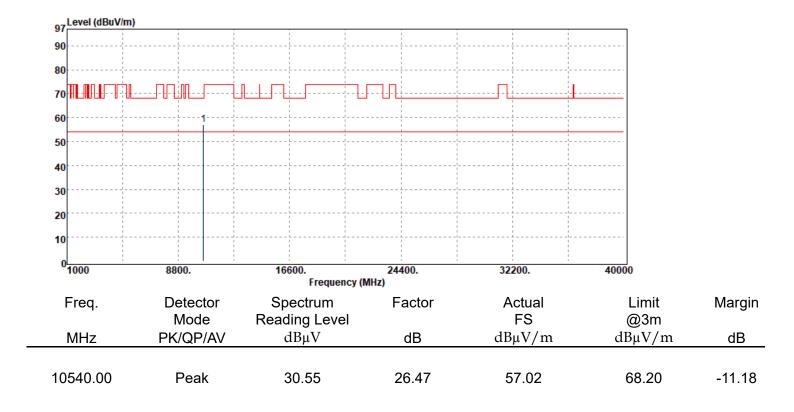
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B2 Temp./Humi. :25.0/69

Test Frequency :5270 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B2 Temp./Humi. :25.0/69

Test Frequency :5310 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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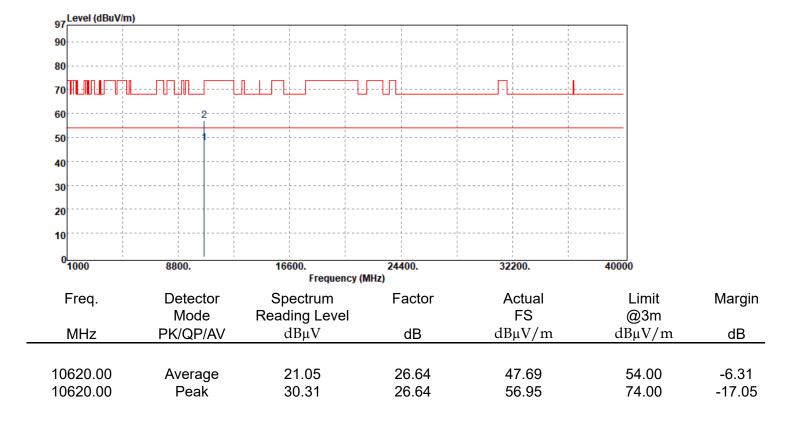
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B2 Temp./Humi. :25.0/69

Test Frequency :5310 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax40B3 Temp./Humi. :25.0/69

Test Frequency :5510 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas **EUT Pol** :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B3 Temp./Humi. :25.0/69

Test Frequency :5510 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B3 Temp./Humi. :25.0/69

Test Frequency :5550 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax40B3 Temp./Humi. :25.0/69

:5550 MHz **Test Frequency** Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas

EUT Pol :H Plane



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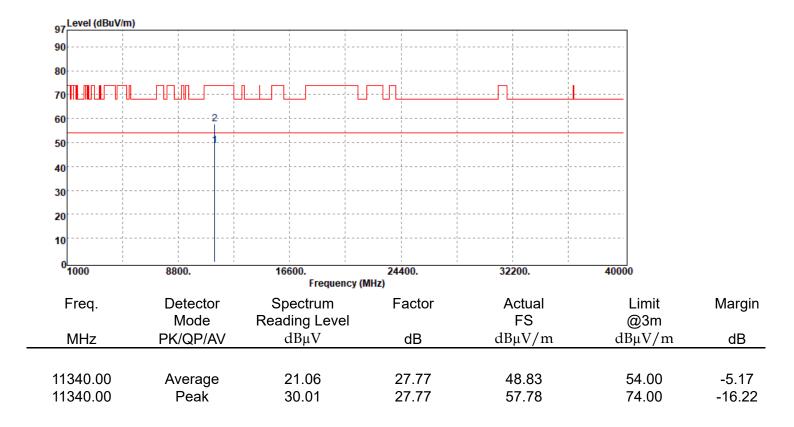
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax40B3 Temp./Humi. :25.0/69

Test Frequency :5670 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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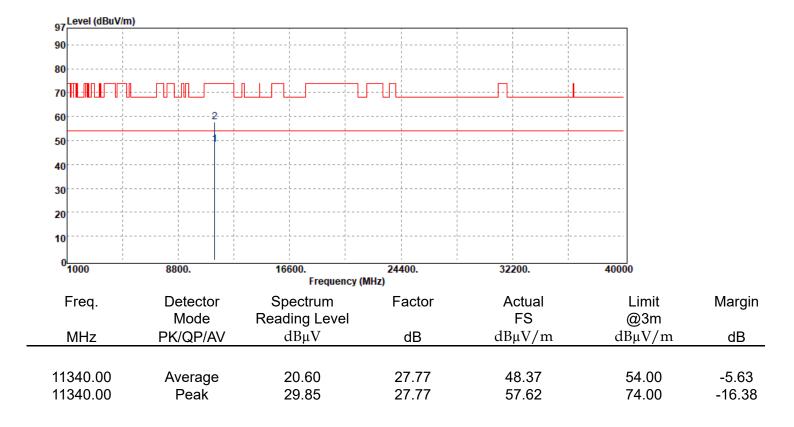
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax40B3 Temp./Humi. :25.0/69

Test Frequency :5670 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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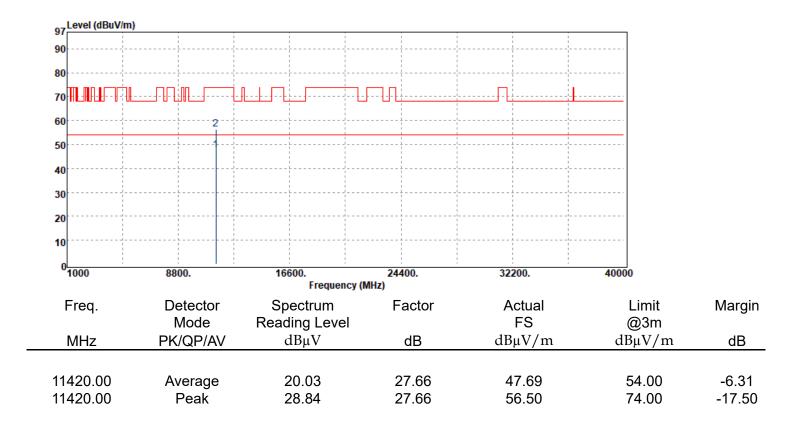
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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B3-B4 Temp./Humi. :25.0/69

Test Frequency :5710 MHz Antenna Pol. :VERTICAL
Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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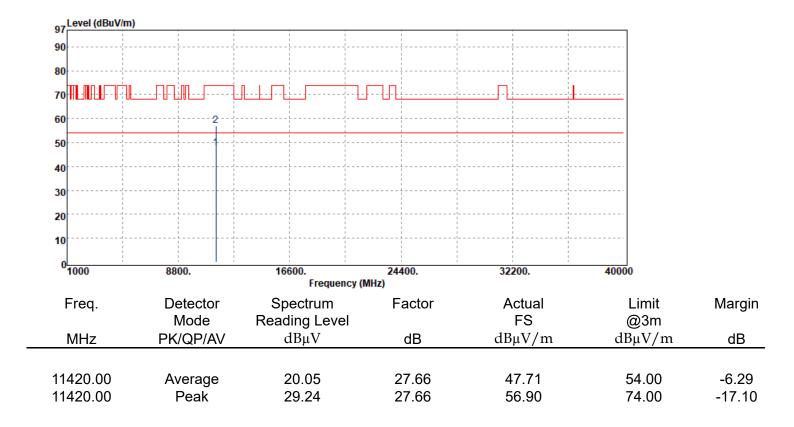
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Operation Mode :802.11ax40B3-B4 Temp./Humi. :25.0/69

Test Frequency :5710 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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:Thomas

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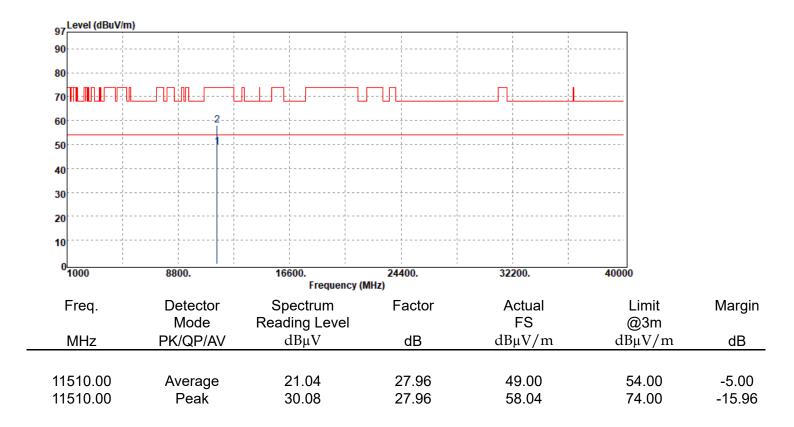
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax40B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5755 MHz Test Mode Engineer

EUT Pol :H Plane

:Tx CH Low



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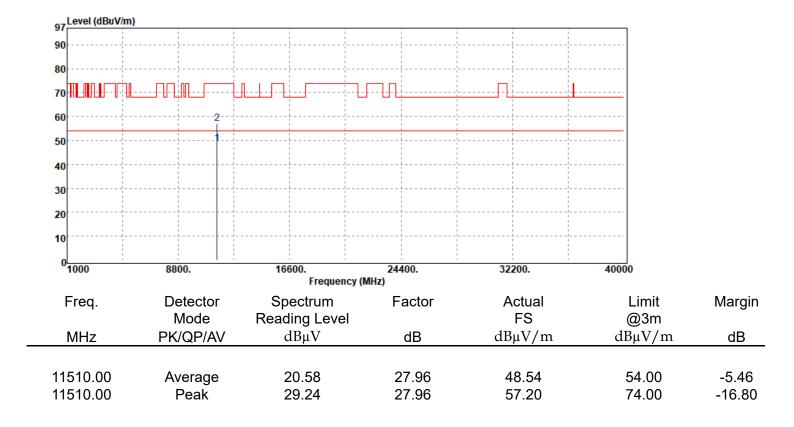
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax40B4 Temp./Humi. :25.0/69

:5755 MHz **Test Frequency** Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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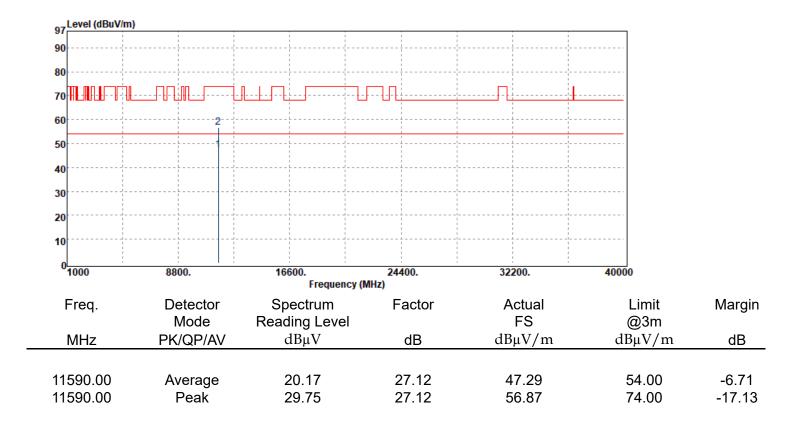
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B4 Temp./Humi. :25.0/69

Test Frequency :5795 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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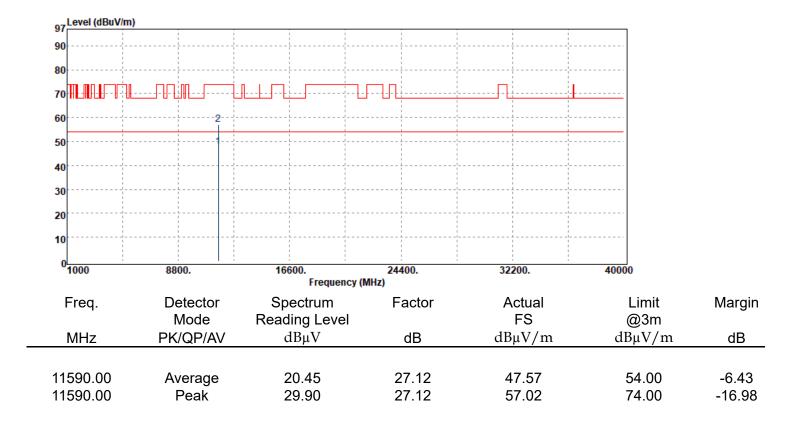
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax40B4 Temp./Humi. :25.0/69

Test Frequency :5795 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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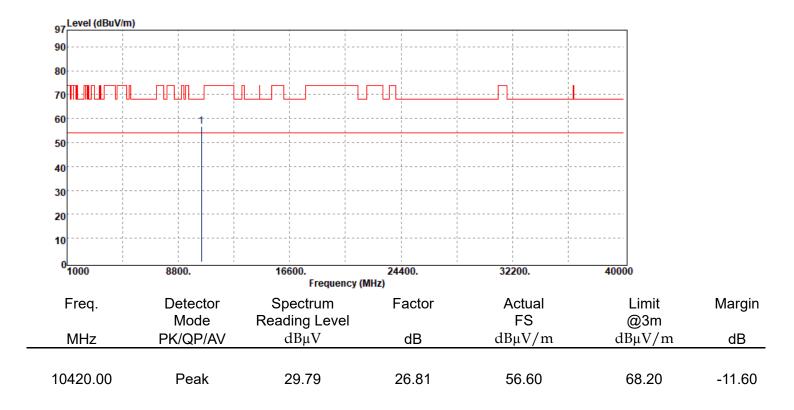
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax80B1 Temp./Humi. :25.0/69

Test Frequency :5210 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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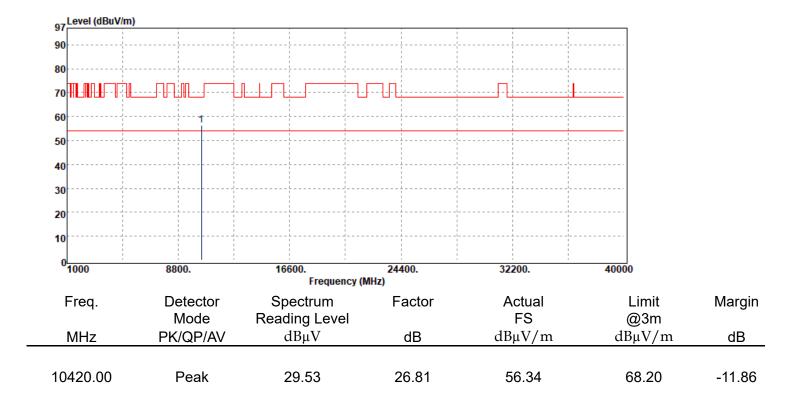
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax80B1 Temp./Humi. :25.0/69

Test Frequency :5210 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax80B2 Temp./Humi. :25.0/69

Test Frequency :5290 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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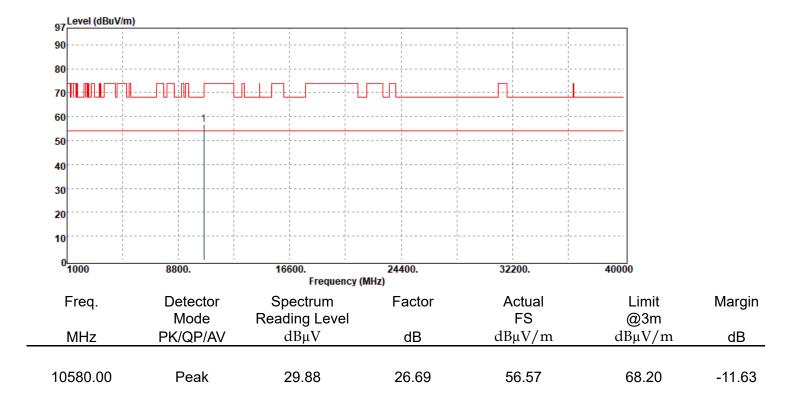
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax80B2 Temp./Humi. :25.0/69

Test Frequency :5290 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax80B3 Temp./Humi. :25.0/69

Test Frequency :5530 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Low Engineer :Thomas **EUT Pol** :H Plane



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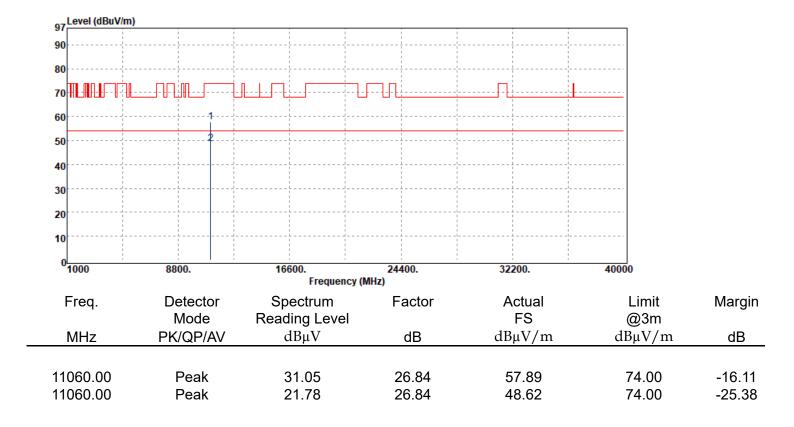
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax80B3 Temp./Humi. :25.0/69

Test Frequency :5530 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax80B3 Temp./Humi. :25.0/69

Test Frequency :5610 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH Mid Engineer :Thomas **EUT Pol** :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

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Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax80B3 Temp./Humi. :25.0/69

Test Frequency :5610 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Mid Engineer :Thomas



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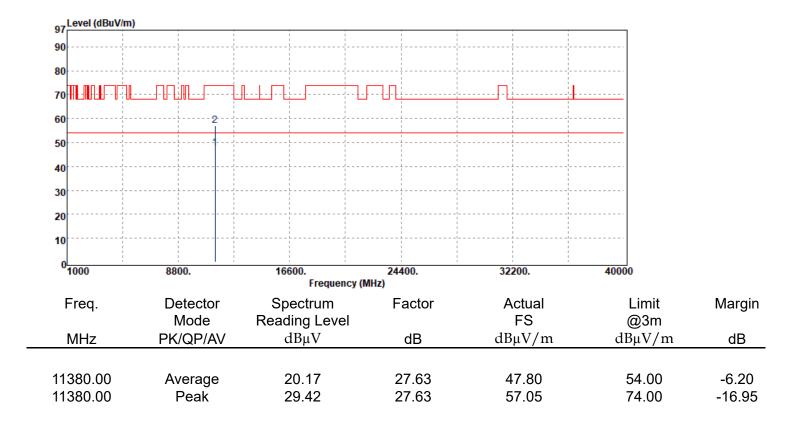
Test Date Report Number :ER/2020/30080 :2020-06-04

Operation Mode :802.11ax80B3 Temp./Humi. :25.0/69

Test Frequency :5690 MHz Antenna Pol. :VERTICAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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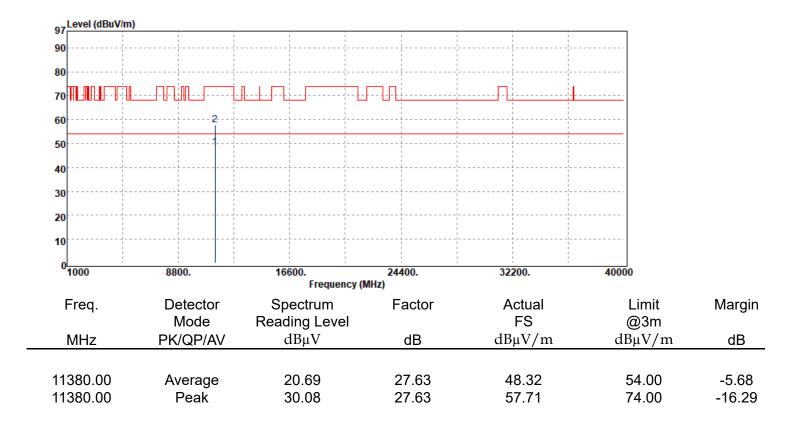
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Operation Mode :802.11ax80B3 Temp./Humi. :25.0/69

Test Frequency :5690 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH High Engineer :Thomas

EUT Pol :H Plane



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:Thomas

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Engineer

Test Date Report Number :ER/2020/30080 :2020-06-04

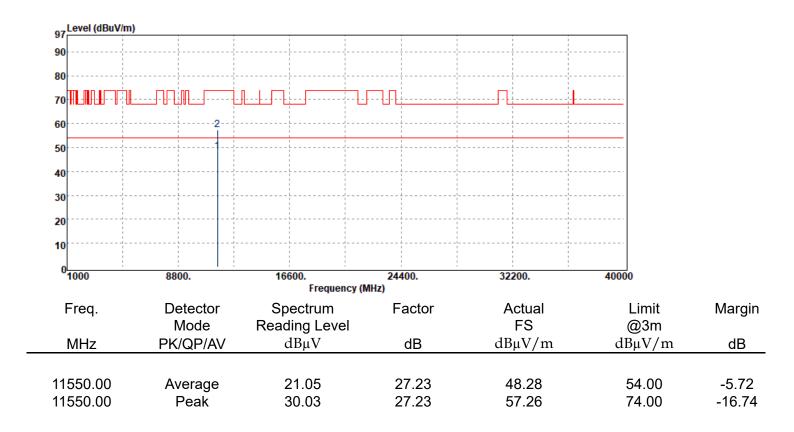
Operation Mode :802.11ax80B4 Temp./Humi. :25.0/69

Test Frequency Antenna Pol. :VERTICAL :5775 MHz

EUT Pol :H Plane

:Tx CH Low

Test Mode



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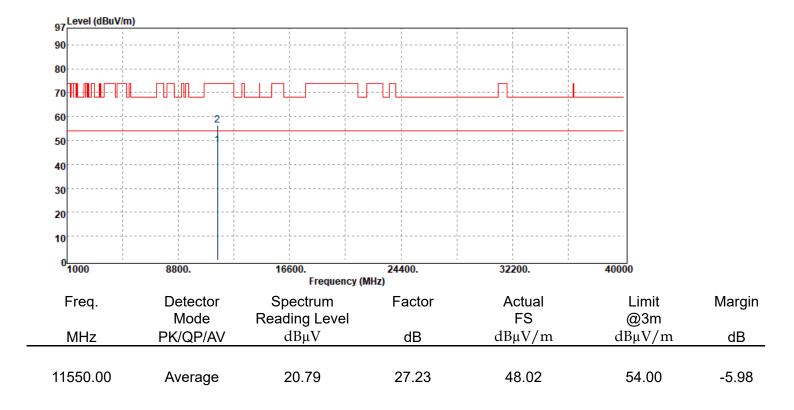
Report Number :ER/2020/30080 Test Date :2020-06-04

Operation Mode :802.11ax80B4 Temp./Humi. :25.0/69

Test Frequency :5775 MHz Antenna Pol. :HORIZONTAL

Test Mode :Tx CH Low Engineer :Thomas

EUT Pol :H Plane



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11.7.3 Band edge falling to restricted band

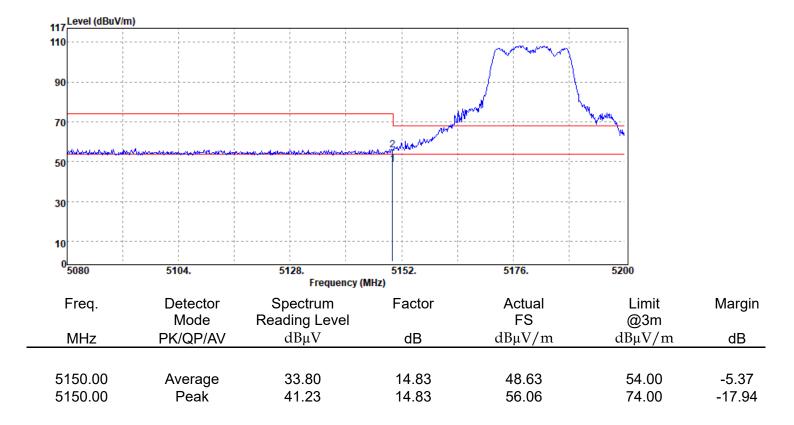
Report Number :ER/2020/30080 **Test Date** :2020-05-30

Operation Mode :802.11aB1 Temp./Humi. :24.9/74

Test Frequency :5180 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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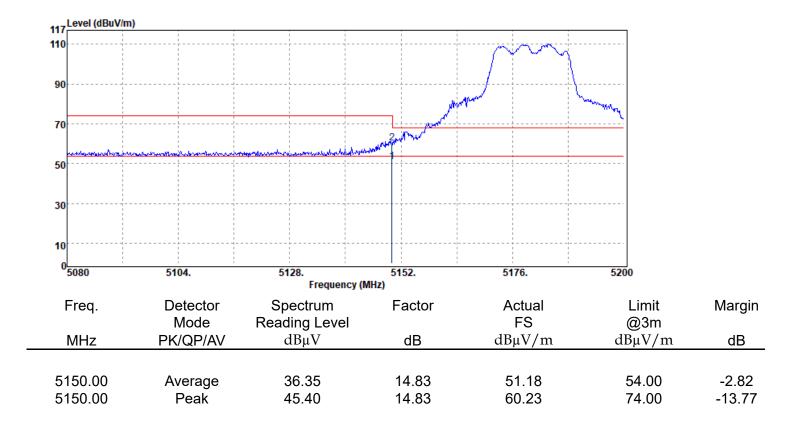
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11aB1 Temp./Humi. :24.9/74

Test Frequency :5180 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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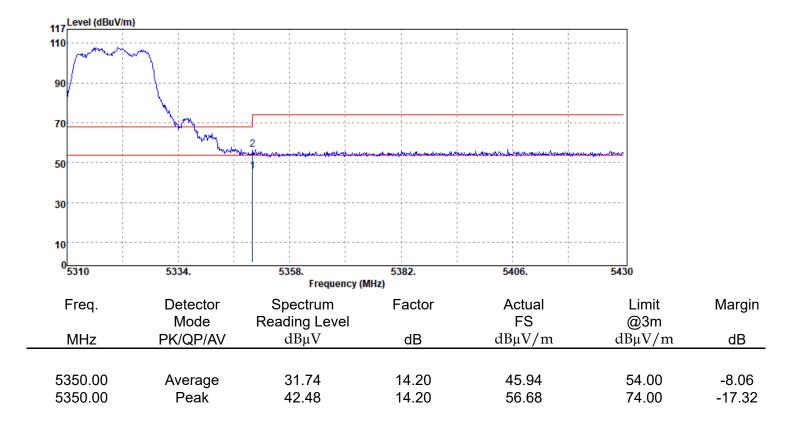
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Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11aB2 Temp./Humi. :24.9/74

Test Frequency :5320 MHz Antenna Pol. :VERTICAL
Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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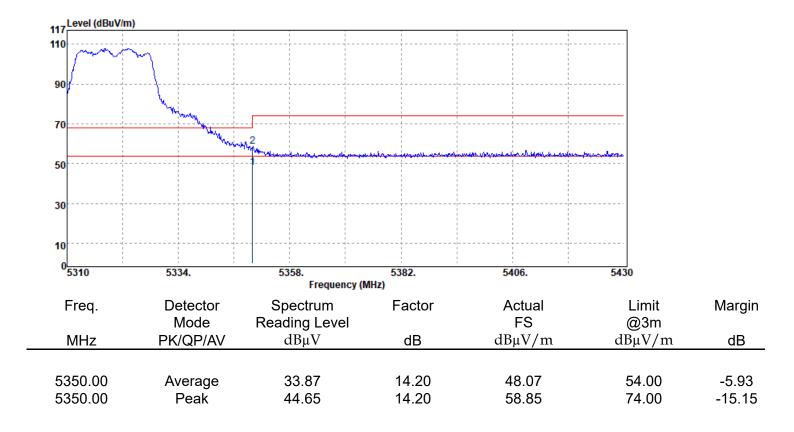
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11aB2 Temp./Humi. :24.9/74

Test Frequency :5320 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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:VERTICAL

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Antenna Pol.

Report Number :ER/2020/30080 **Test Date** :2020-05-30

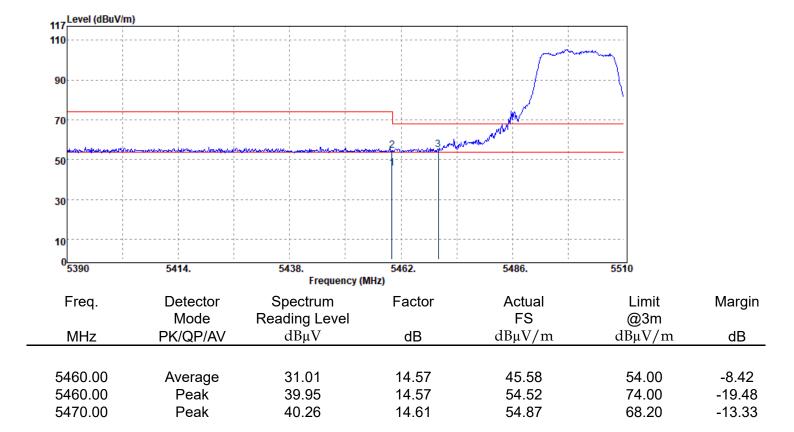
Operation Mode :802.11aB3 Temp./Humi. :24.9/74

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane

:5500 MHz

Test Frequency



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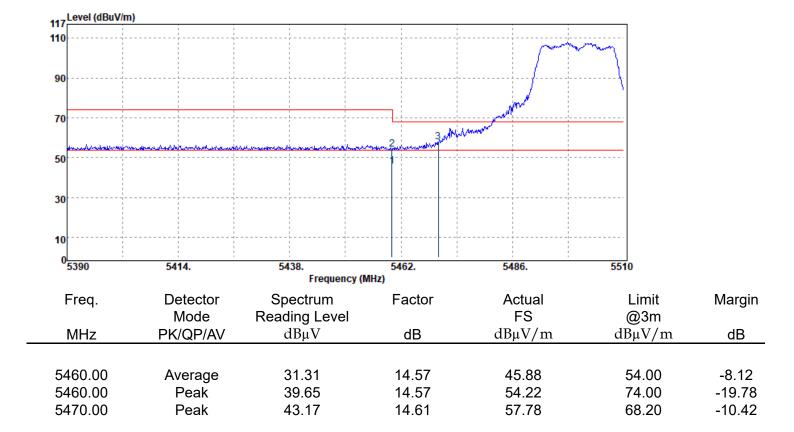
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11aB3 Temp./Humi. :24.9/74

Test Frequency :5500 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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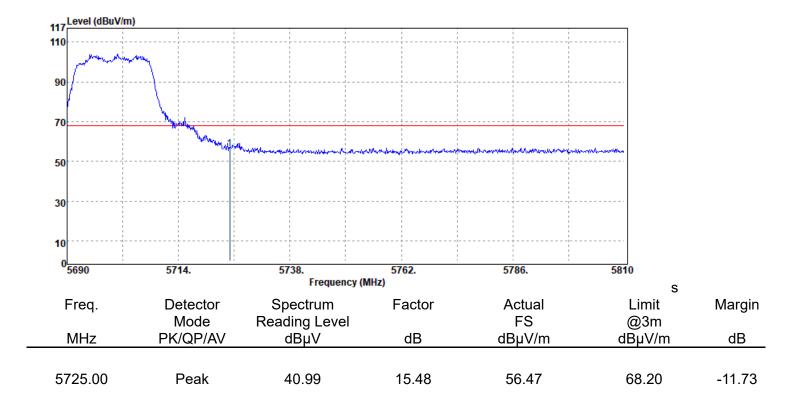
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11aB3 Temp./Humi. :24.9/74

Test Frequency :5700 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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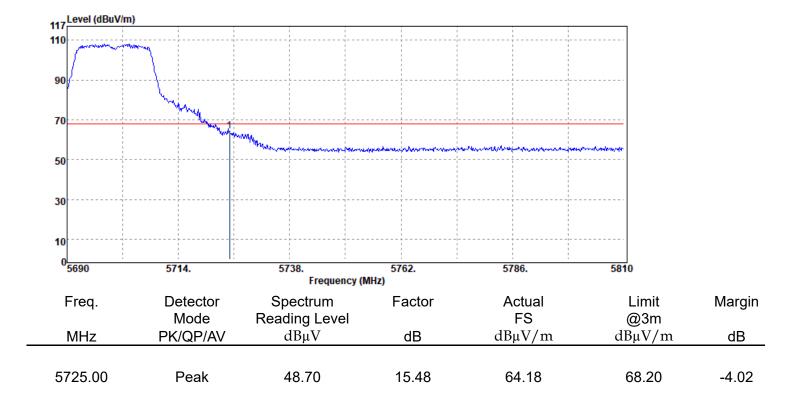
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11aB3 Temp./Humi. :24.9/74

Test Frequency :5700 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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:VERTICAL

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Antenna Pol.

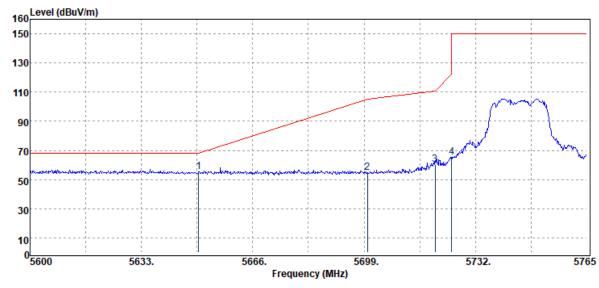
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :802.11aB4 Temp./Humi. :24.9/74

Test Frequency Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane

:5745 MHz



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 40.10 | 15.16 | 55.26 | 68.20 | -12.94 |
| 5700.00 | Peak | 39.44 | 15.42 | 54.86 | 105.20 | -50.34 |
| 5720.00 | Peak | 44.90 | 15.47 | 60.37 | 110.80 | -50.43 |
| 5725.00 | Peak | 49.76 | 15.48 | 65.24 | 122.20 | -56.96 |

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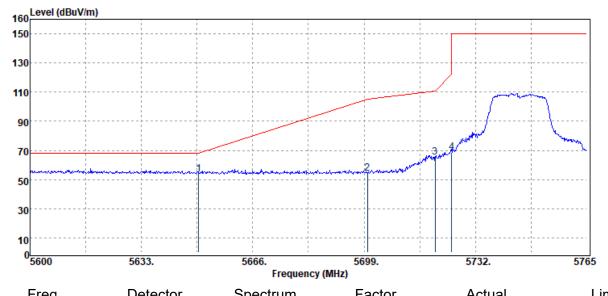
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :802.11aB4 Temp./Humi. :24.9/74

Test Frequency :5745 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 38.55 | 15.16 | 53.71 | 68.20 | -14.49 |
| 5700.00 | Peak | 39.01 | 15.42 | 54.43 | 105.20 | -50.77 |
| 5720.00 | Peak | 50.04 | 15.47 | 65.51 | 110.80 | -45.29 |
| 5725.00 | Peak | 53.14 | 15.48 | 68.62 | 122.20 | -53.58 |

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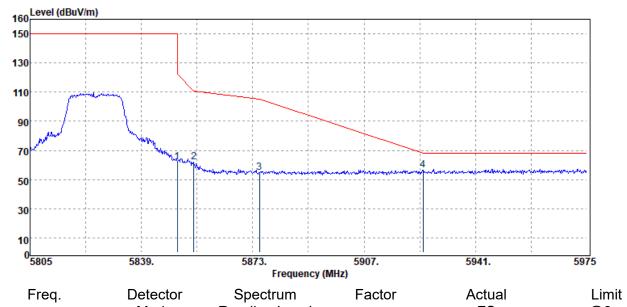
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11aB4 Temp./Humi. :24.9/74

Test Frequency :5825 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5850.00 | Peak | 46.46 | 15.75 | 62.21 | 122.20 | -59.99 |
| 5855.00 | Peak | 46.22 | 15.75 | 61.97 | 110.80 | -48.83 |
| 5875.00 | Peak | 39.22 | 15.75 | 54.97 | 105.20 | -50.23 |
| 5925.00 | Peak | 40.58 | 16.06 | 56.64 | 68.20 | -11.56 |

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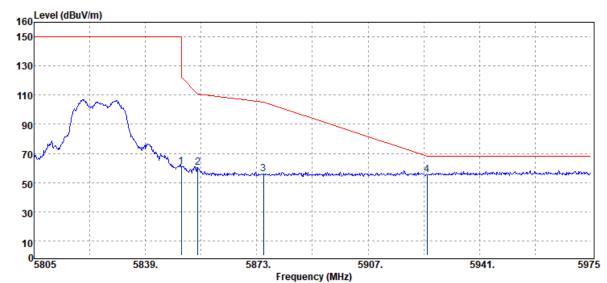
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Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11aB4 Temp./Humi. :24.9/74 **Test Frequency** :5825 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--------------------|------------------|---------------------------|----------------|----------------|-----------------|------------------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| 5850.00 | Peak | 45.15 | 15.75 | 60.90 | 122.20 | -61.30 |
| 5855.00 | Peak | 44.34 | 15.75 | 60.09 | 110.80 | -50.71 |
| 5875.00 5925.00 | Peak Peak | 40.10 39.49 | 15.75 16.06 | 55.85 55.55 | 105.20 68.20 | -49.35 -12.65 |

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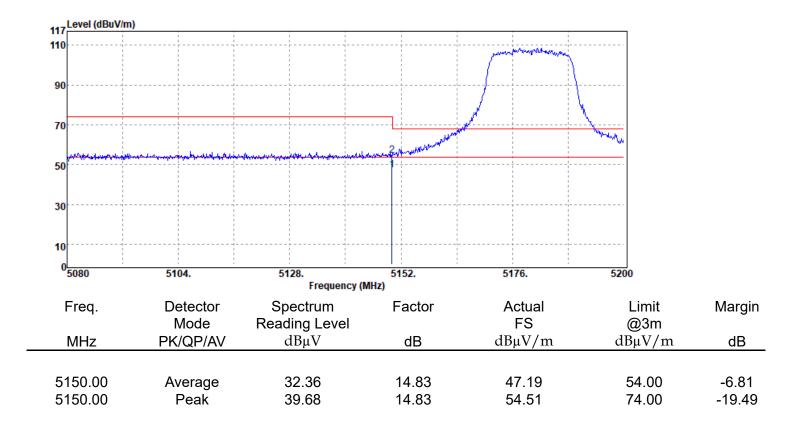
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n20B1 Temp./Humi. :24.9/74

Test Frequency :5180 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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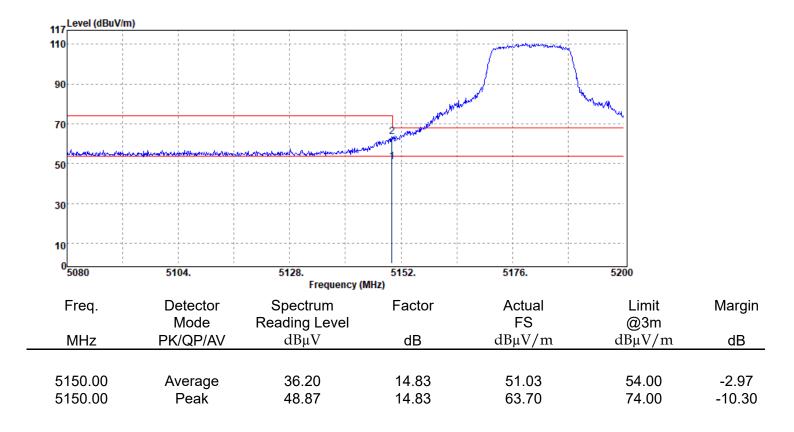
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n20B1 Temp./Humi. :24.9/74

Test Frequency :5180 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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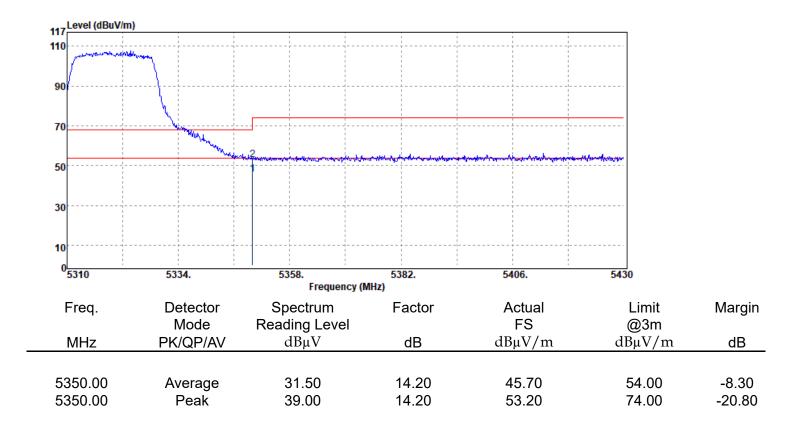
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n20B2 Temp./Humi. :24.9/74

Test Frequency :5320 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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:H Plane

EUT Pol

Report No.: ER/2020/30080

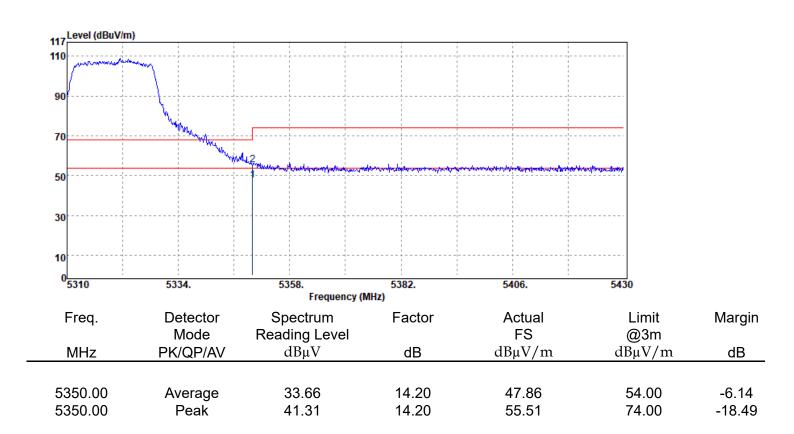
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Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n20B2 Temp./Humi. :24.9/74

Test Frequency :5320 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas



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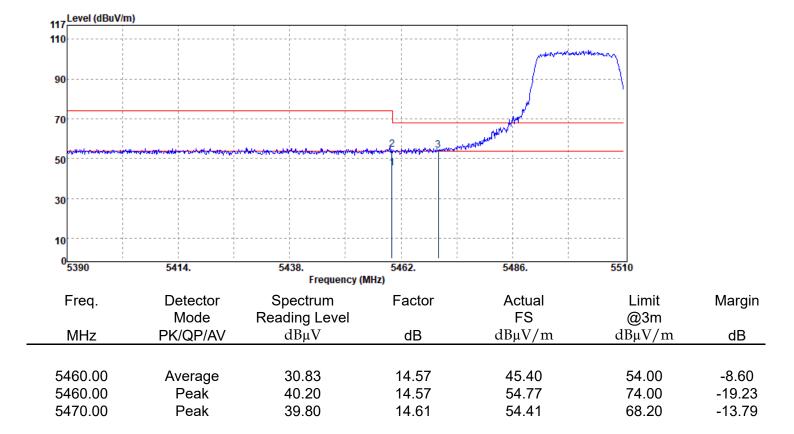
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n20B3 Temp./Humi. :24.9/74

Test Frequency :5500 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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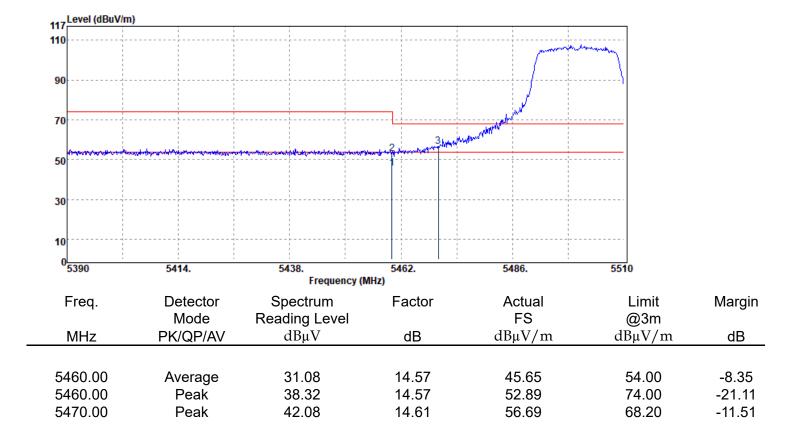
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n20B3 Temp./Humi. :24.9/74

Test Frequency :5500 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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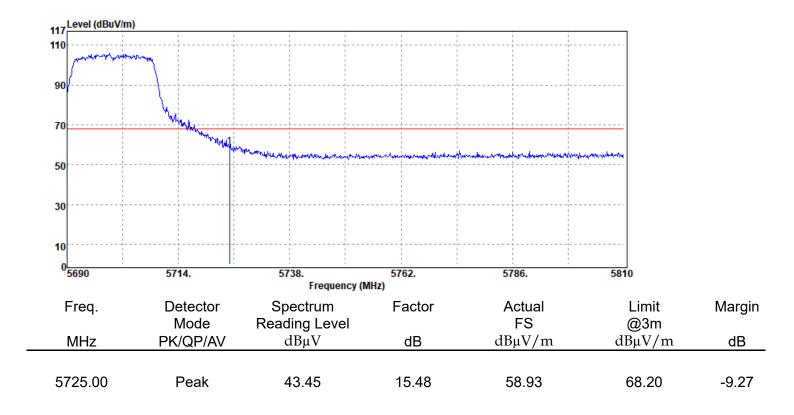
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n20B3 Temp./Humi. :24.9/74

Test Frequency :5700 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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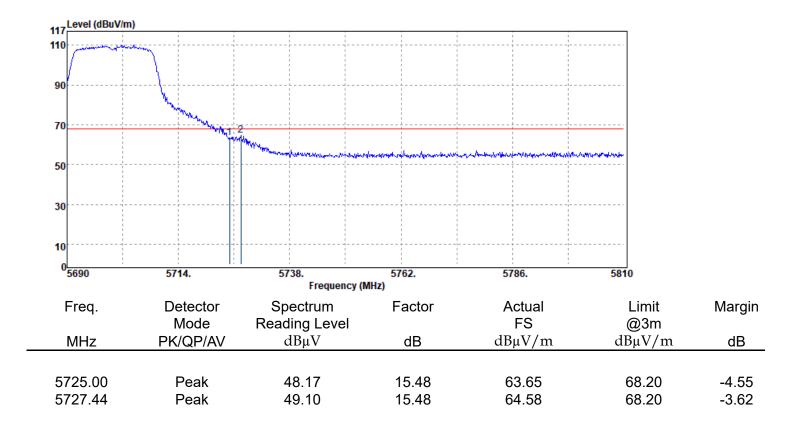
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n20B3 Temp./Humi. :24.9/74

Test Frequency :5700 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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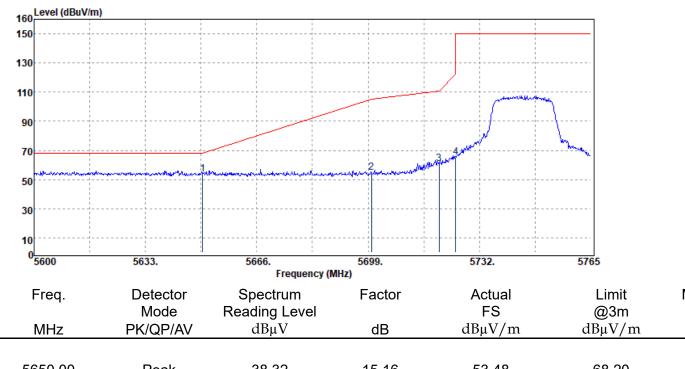
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :24.9/74 :802.11n20B4 Temp./Humi.

Test Frequency :5745 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 38.32 | 15.16 | 53.48 | 68.20 | -14.72 |
| 5700.00 | Peak | 39.30 | 15.42 | 54.72 | 105.20 | -50.48 |
| 5720.00 | Peak | 45.23 | 15.47 | 60.70 | 110.80 | -50.10 |
| 5725.00 | Peak | 50.08 | 15.48 | 65.56 | 122.20 | -56.64 |

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:H Plane

EUT Pol

Report No.: ER/2020/30080

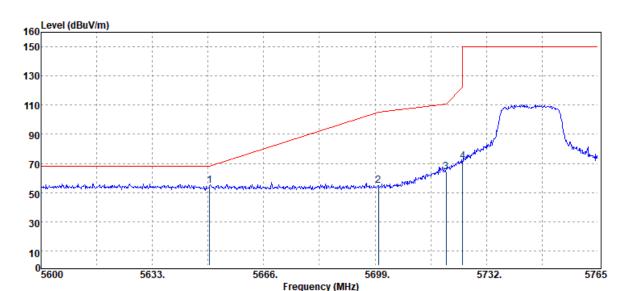
Page: 329 of 404

Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :802.11n20B4 Temp./Humi. :24.9/74

Test Frequency :5745 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas



| | | rroquency (ii | , | | | |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | _ |
| 5650.00 | Peak | 39.50 | 15.16 | 54.66 | 68.20 | -13.54 |
| 5700.00 | Peak | 39.14 | 15.42 | 54.56 | 105.20 | -50.64 |
| 5720.00 | Peak | 48.66 | 15.47 | 64.13 | 110.80 | -46.67 |
| 5725.00 | Peak | 55.89 | 15.48 | 71.37 | 122.20 | -50.83 |
| | | | | | | |

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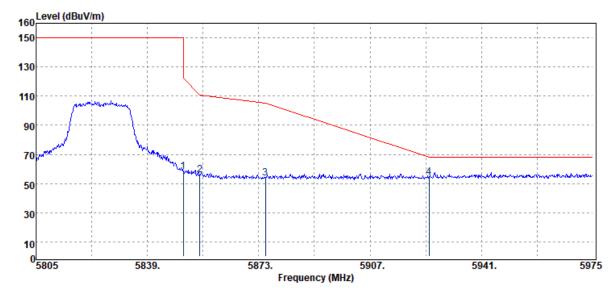
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n20B4 Temp./Humi. :24.9/74

Test Frequency :5825 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | _ |
| 5850.00 | Peak | 42.25 | 15.75 | 58.00 | 122.20 | -64.20 |
| 5855.00 | Peak | 40.26 | 15.75 | 56.01 | 110.80 | -54.79 |
| 5875.00 | Peak | 38.05 | 15.75 | 53.80 | 105.20 | -51.40 |
| 5925.00 | Peak | 38.04 | 16.06 | 54.10 | 68.20 | -14.10 |

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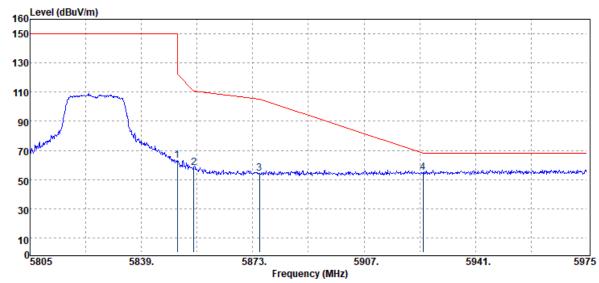
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n20B4 Temp./Humi. :24.9/74

Test Frequency :5825 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5850.00 | Peak | 47.13 | 15.75 | 62.88 | 122.20 | -59.32 |
| 5855.00 | Peak | 42.53 | 15.75 | 58.28 | 110.80 | -52.52 |
| 5875.00 | Peak | 38.66 | 15.75 | 54.41 | 105.20 | -50.79 |
| 5925.00 | Peak | 38.84 | 16.06 | 54.90 | 68.20 | -13.30 |

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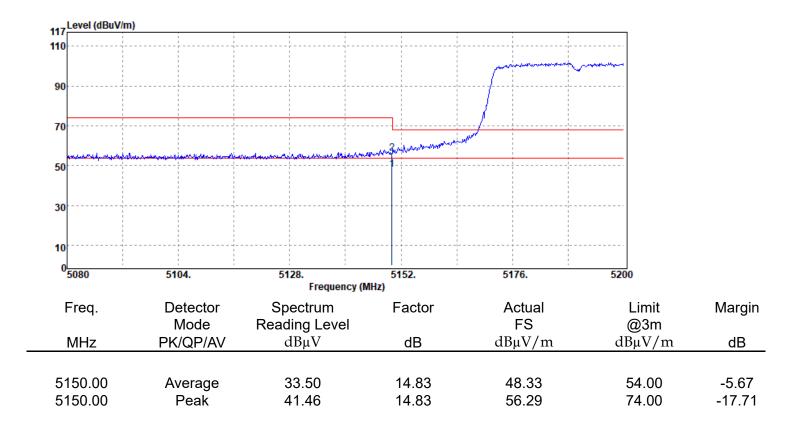
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n40B1 Temp./Humi. :24.9/74

Test Frequency :5190 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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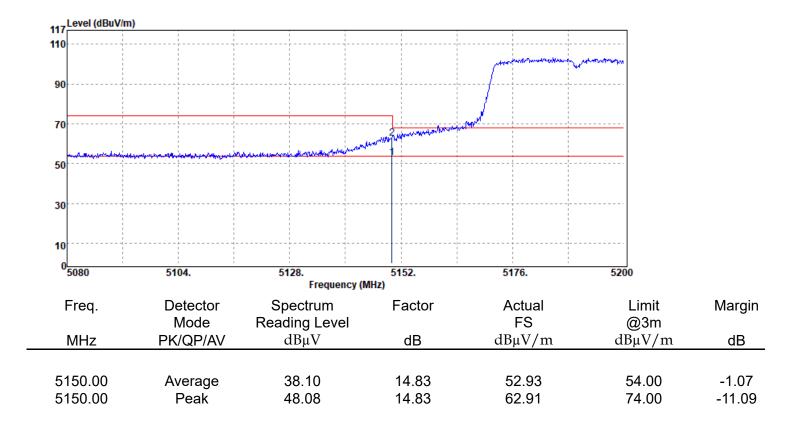
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n40B1 Temp./Humi. :24.9/74

Test Frequency :5190 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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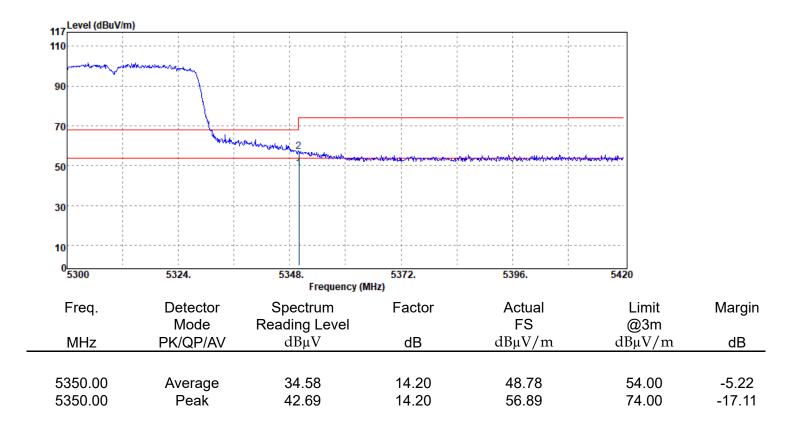
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n40B2 Temp./Humi. :24.9/74

Test Frequency :5310 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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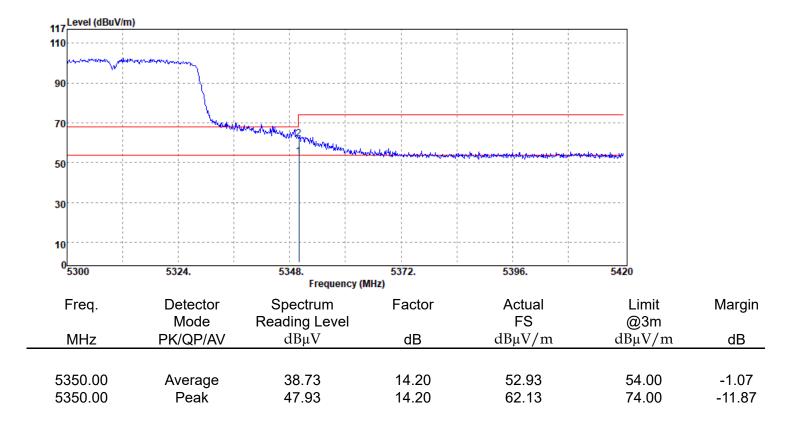
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n40B2 Temp./Humi. :24.9/74

Test Frequency :5310 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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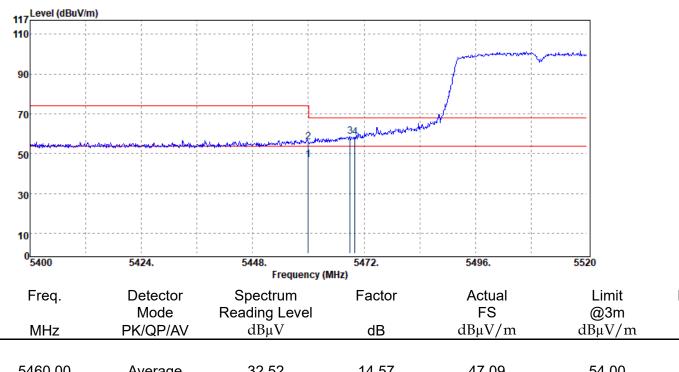
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :24.9/74 :802.11n40B3 Temp./Humi.

Test Frequency :5510 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| al Limit Margin 6 @3m |
|--------------------------|
| $/m$ $dB\mu V/m$ dB |
| |
| 9 54.00 -6.91 |
| 59 74.00 -18.31 |
| 59 68.20 - 9.61 |
| 7 68.20 -10.03 |
| |

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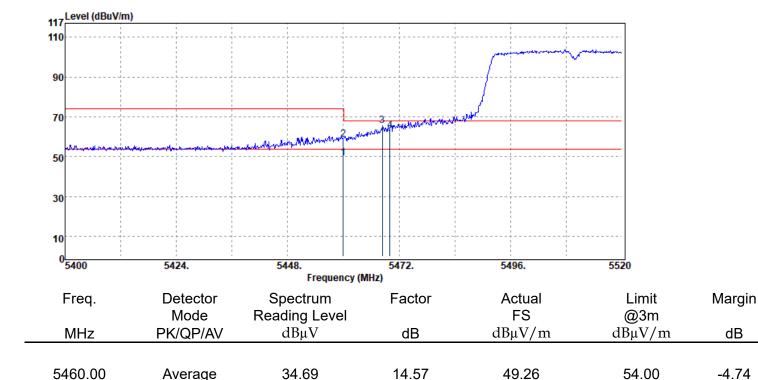
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :802.11n40B3 Temp./Humi. :24.9/74

Test Frequency :5510 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



14.57

14.61

14.61

58.59

65.77

63.09

74.00

68.20

68.20

-15.41

-2.43

-5.11

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|---|----|
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44.02

51.16

48.48

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5460.00

5468.40

5470.00

Peak

Peak

Peak



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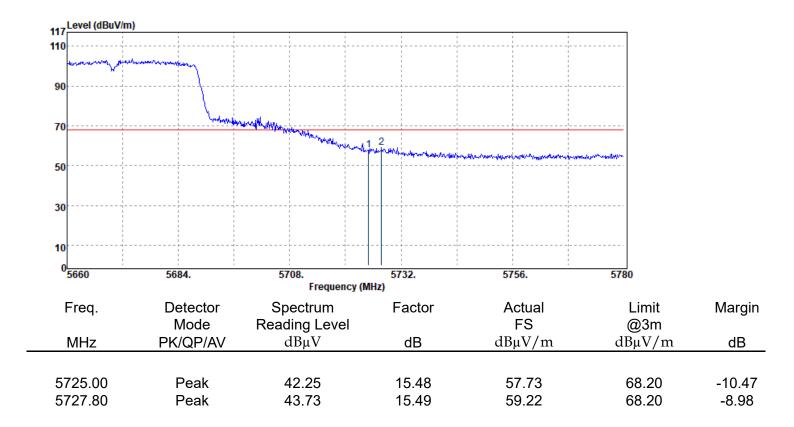
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n40B3 Temp./Humi. :24.9/74

Test Frequency :5670 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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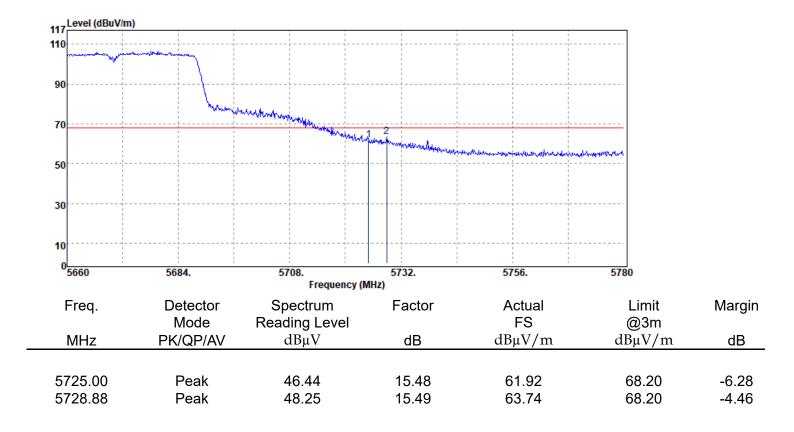
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11n40B3 Temp./Humi. :24.9/74

Test Frequency :5670 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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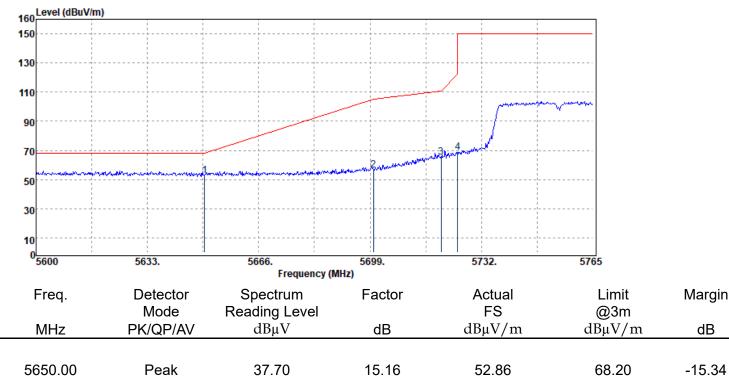
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n40B4 Temp./Humi. :24.9/74

Test Frequency :5755 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| | Mode | Reading Level | | FS | @3m | ·····g.·· |
|--------|----------|---------------|-------|--------|--------|-----------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.0 | 00 Peak | 37.70 | 15.16 | 52.86 | 68.20 | -15.34 |
| 5700.0 | 00 Peak | 41.17 | 15.42 | 56.59 | 105.20 | -48.61 |
| 5720.0 | 00 Peak | 49.96 | 15.47 | 65.43 | 110.80 | -45.37 |
| 5725.0 | 00 Peak | 52.98 | 15.48 | 68.46 | 122.20 | -53.74 |

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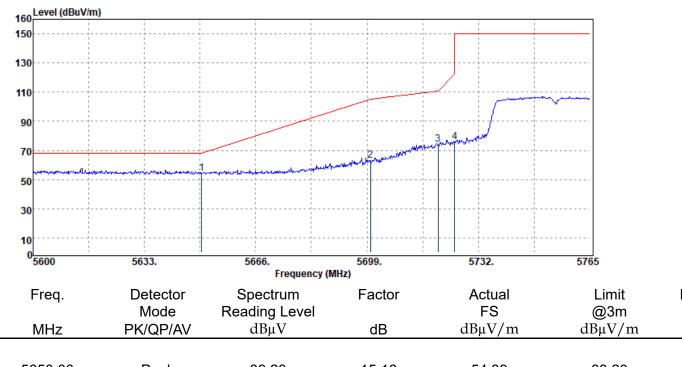
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :802.11n40B4 Temp./Humi. :24.9/74

Test Frequency :5755 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 39.23 | 15.16 | 54.39 | 68.20 | -13.81 |
| 5700.00 | Peak | 47.63 | 15.42 | 63.05 | 105.20 | -42.15 |
| 5720.00 | Peak | 58.84 | 15.47 | 74.31 | 110.80 | -36.49 |
| 5725.00 | Peak | 60.11 | 15.48 | 75.59 | 122.20 | -46.61 |

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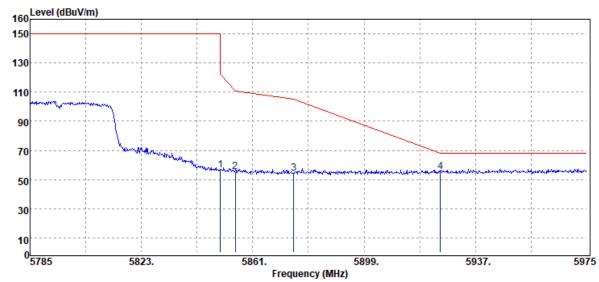
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n40B4 Temp./Humi. :24.9/74

Test Frequency :5795 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5850.00 | Peak | 40.84 | 15.75 | 56.59 | 122.20 | -65.61 |
| 5855.00 | Peak | 39.52 | 15.75 | 55.27 | 110.80 | -55.53 |
| 5875.00 | Peak | 38.40 | 15.75 | 54.15 | 105.20 | -51.05 |
| 5925.00 | Peak | 39.34 | 16.06 | 55.40 | 68.20 | -12.80 |

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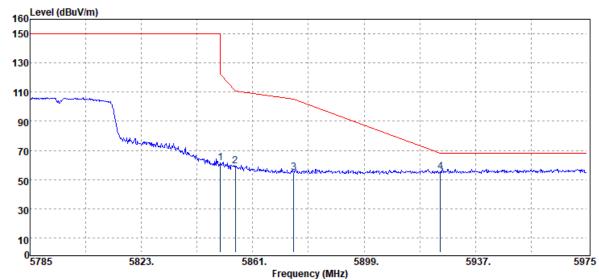
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11n40B4 Temp./Humi. :24.9/74

Test Frequency :5795 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| | Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| | MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | | |
| | 5850.00 | Peak | 45.64 | 15.75 | 61.39 | 122.20 | -60.81 |
| | 5855.00 | Peak | 43.22 | 15.75 | 58.97 | 110.80 | -51.83 |
| | 5875.00 | Peak | 39.04 | 15.75 | 54.79 | 105.20 | -50.41 |
| | 5925.00 | Peak | 39.39 | 16.06 | 55.45 | 68.20 | -12.75 |
| | | | | | | | |

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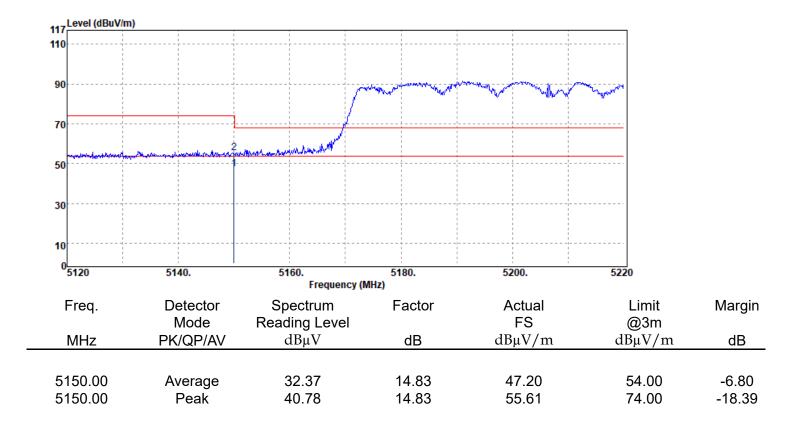
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11ac80B1 Temp./Humi. :24.9/74

Test Frequency :5210 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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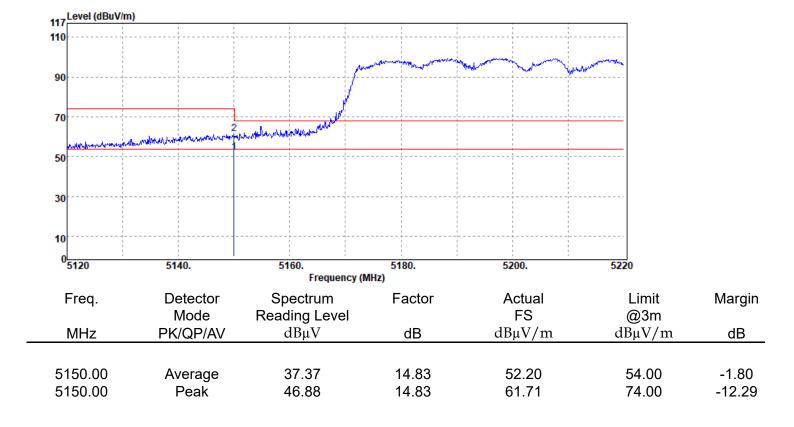
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11ac80B1 Temp./Humi. :24.9/74

Test Frequency :5210 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas





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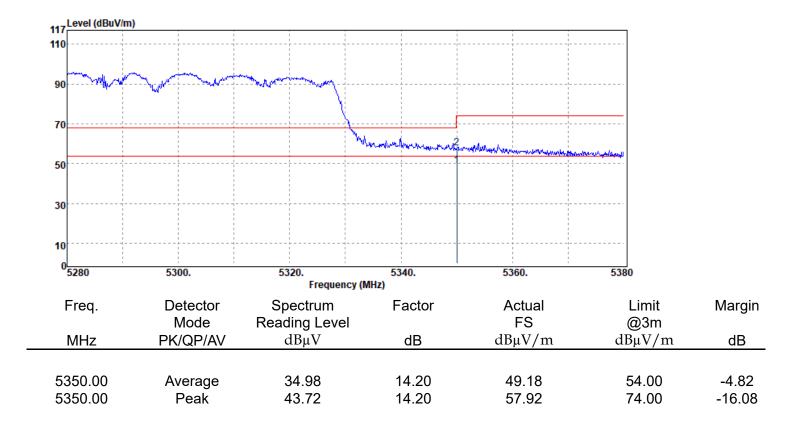
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11ac80B2 Temp./Humi. :24.9/74

Test Frequency :5290 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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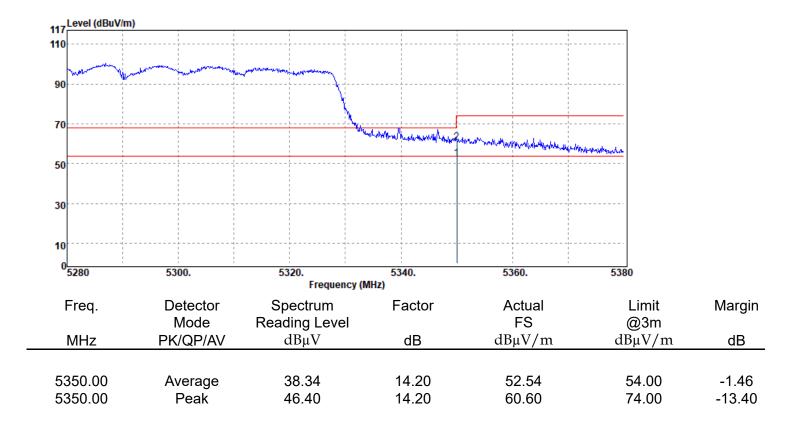
Report Number :ER/2020/30080 Test Date :2020-05-30

Operation Mode :802.11ac80B2 Temp./Humi. :24.9/74

Test Frequency :5290 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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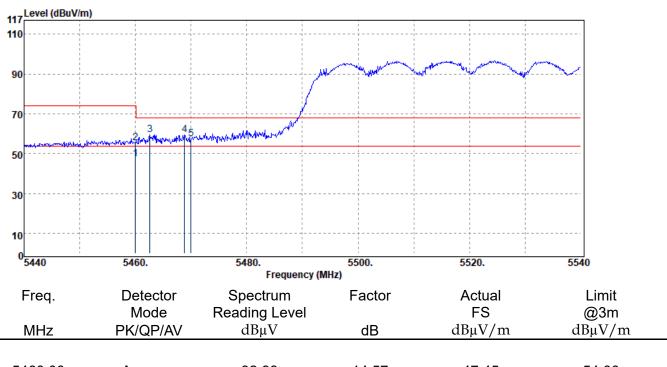
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :24.9/74 :802.11ac80B3 Temp./Humi.

Test Frequency :5530 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5460.00 | Average | 32.88 | 14.57 | 47.45 | 54.00 | -6.55 |
| 5460.00 | Peak | 40.92 | 14.57 | 55.49 | 74.00 | -18.51 |
| 5462.60 | Peak | 44.91 | 14.58 | 59.49 | 68.20 | -8.71 |
| 5468.80 | Peak | 44.98 | 14.61 | 59.59 | 68.20 | -8.61 |
| 5470.00 | Peak | 42.92 | 14.61 | 57.53 | 68.20 | -10.67 |
| | | | | | | _ |

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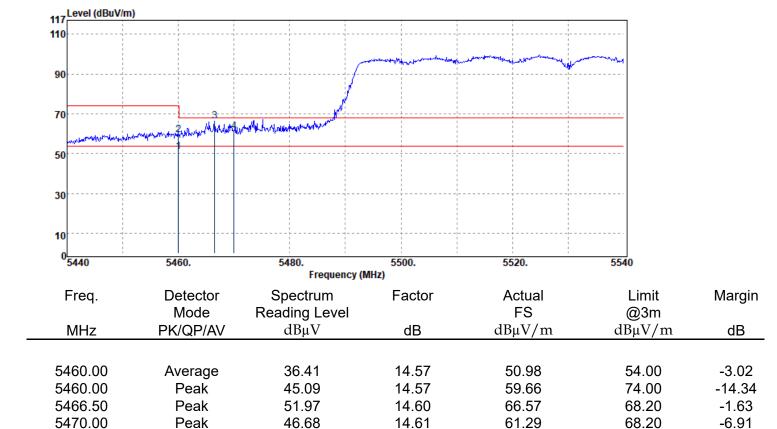
Report Number :ER/2020/30080 **Test Date** :2020-05-30

Operation Mode :802.11ac80B3 Temp./Humi. :24.9/74

Test Frequency :5530 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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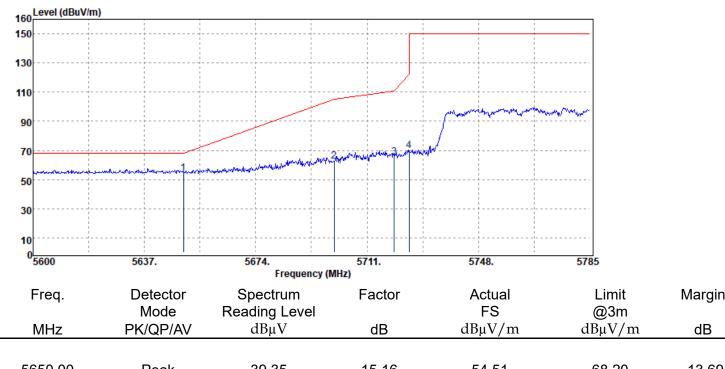
Report Number **Test Date** :ER/2020/30080 :2020-05-30

Operation Mode :802.11ac80B4 Temp./Humi. :24.9/74

Test Frequency :5775 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| r req. | Mode | Reading Level | i actor | FS | @3m | Margin |
|---------|----------|---------------|---------|--------|--------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 39.35 | 15.16 | 54.51 | 68.20 | -13.69 |
| 5700.00 | Peak | 46.94 | 15.42 | 62.36 | 105.20 | -42.84 |
| 5720.00 | Peak | 49.84 | 15.47 | 65.31 | 110.80 | -45.49 |
| 5725.00 | Peak | 54.53 | 15.48 | 70.01 | 122.20 | -52.19 |
| | | | | | | |

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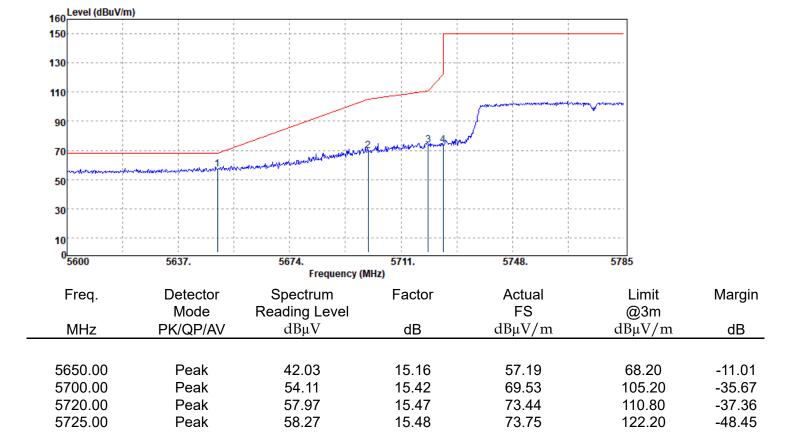
Report Number :ER/2020/30080 **Test Date** :2020-05-30

Operation Mode :802.11ac80B4 Temp./Humi. :24.9/74

Test Frequency :5775 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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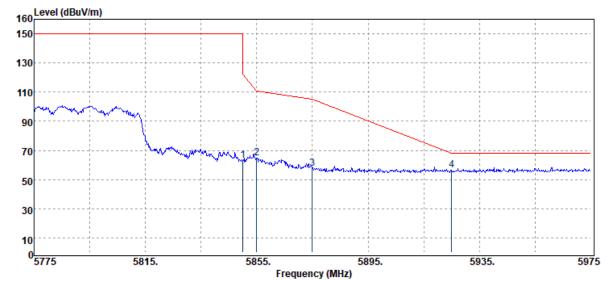
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11ac80B4 Temp./Humi. :24.9/74

Test Frequency :5775 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5850.00 | Peak | 47.56 | 15.75 | 63.31 | 122.20 | -58.89 |
| 5855.00 | Peak | 49.20 | 15.75 | 64.95 | 110.80 | -45.85 |
| 5875.00 | Peak | 42.10 | 15.75 | 57.85 | 105.20 | -47.35 |
| 5925.00 | Peak | 40.47 | 16.06 | 56.53 | 68.20 | -11.67 |

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prosecuted to the fullest extent of the law.

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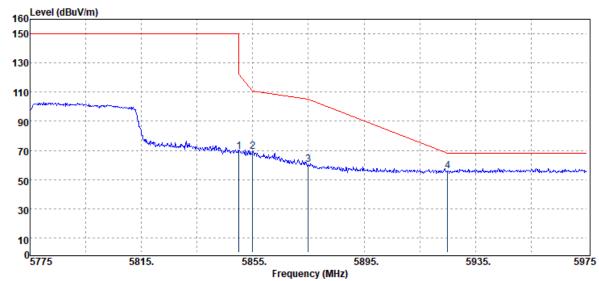
Test Date Report Number :ER/2020/30080 :2020-05-30

Operation Mode :802.11ac80B4 Temp./Humi. :24.9/74

Test Frequency :5775 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5850.00 | Peak | 53.67 | 15.75 | 69.42 | 122.20 | -52.78 |
| 5855.00 | Peak | 53.47 | 15.75 | 69.22 | 110.80 | -41.58 |
| 5875.00 | Peak | 44.37 | 15.75 | 60.12 | 105.20 | -45.08 |
| 5925.00 | Peak | 39.90 | 16.06 | 55.96 | 68.20 | -12.24 |

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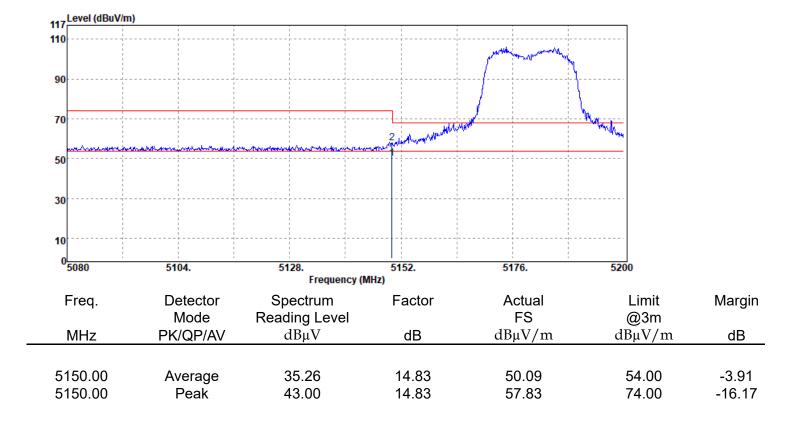
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax20B1 Temp./Humi. :25.3/75

Test Frequency :5180 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas





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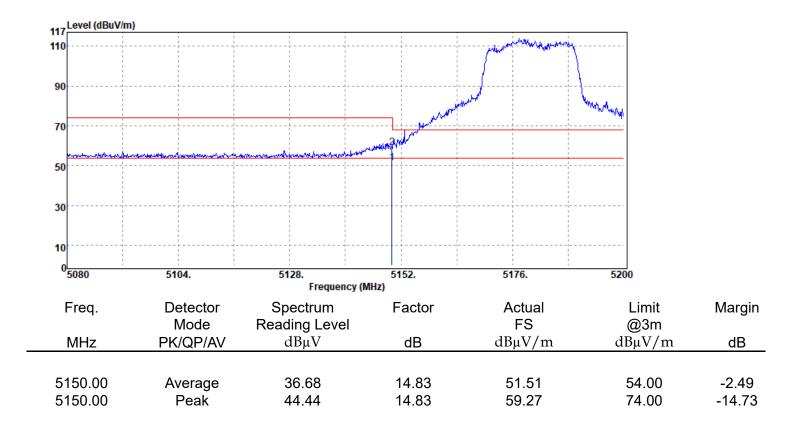
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax20B1 Temp./Humi. :25.3/75

Test Frequency :5180 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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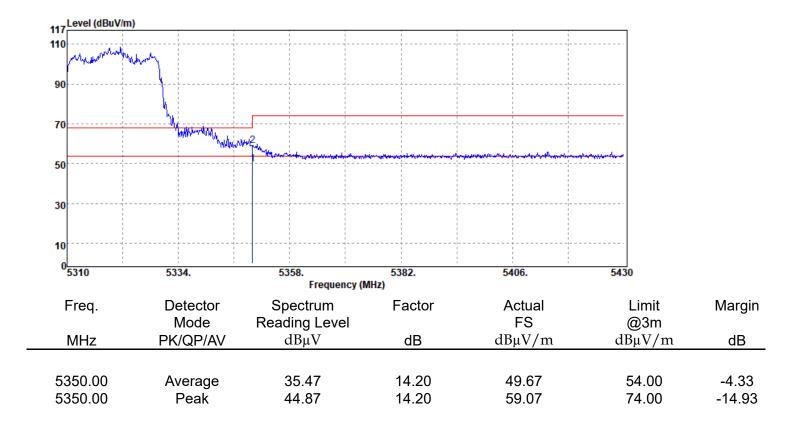
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax20B2 Temp./Humi. :25.3/75

Test Frequency :5320 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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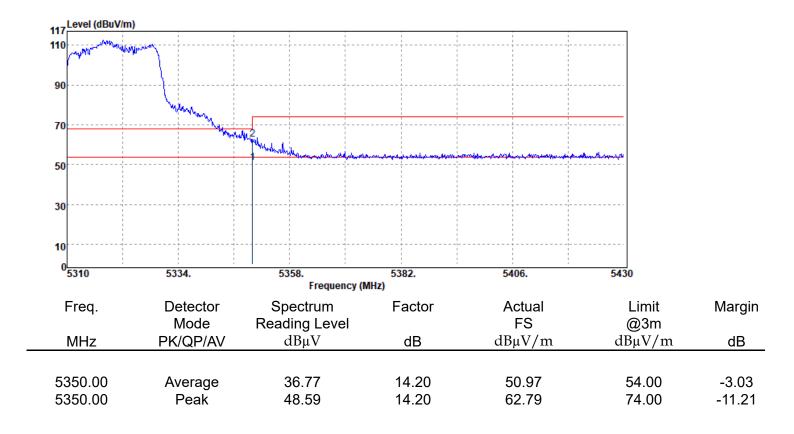
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax20B2 Temp./Humi. :25.3/75

Test Frequency :5320 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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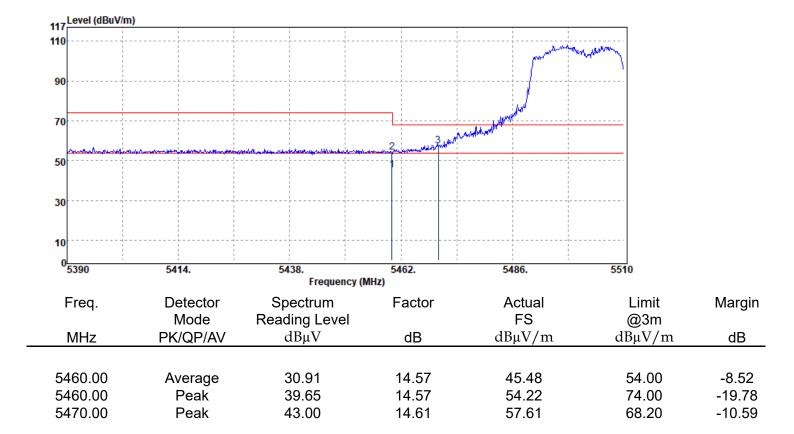
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax20B3 Temp./Humi. :25.3/75

Test Frequency :5500 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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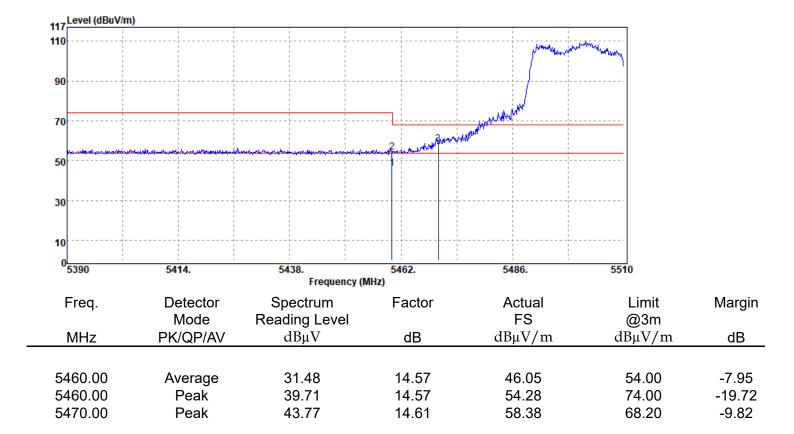
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax20B3 Temp./Humi. :25.3/75

Test Frequency :5500 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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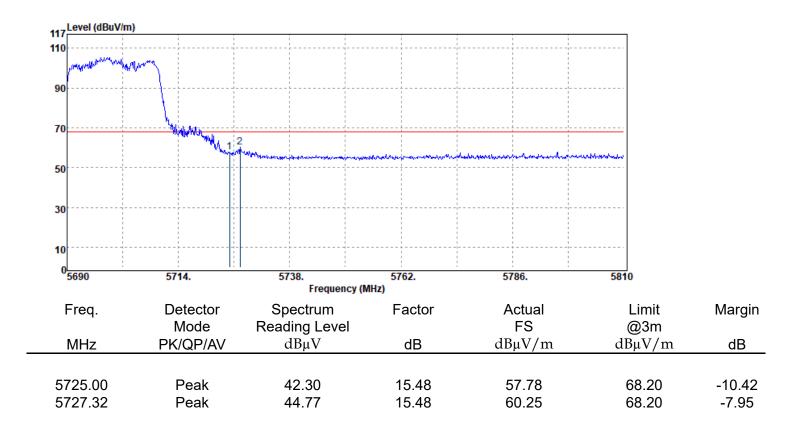
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax20B3 Temp./Humi. :25.3/75

Test Frequency :5700 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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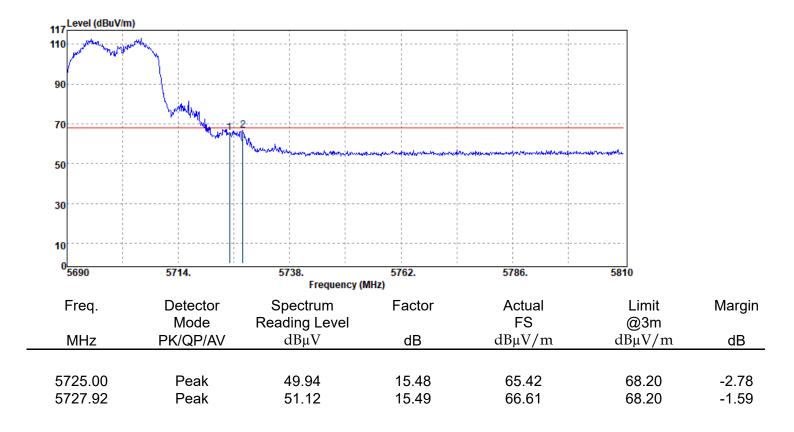
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax20B3 Temp./Humi. :25.3/75

Test Frequency :5700 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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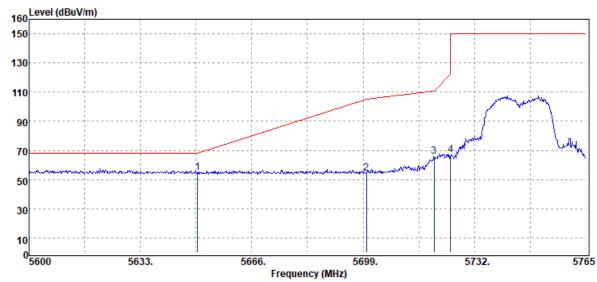
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :25.3/75 :802.11ax20B4 Temp./Humi.

Test Frequency :5745 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 39.86 | 15.16 | 55.02 | 68.20 | -13.18 |
| 5700.00 | Peak | 38.65 | 15.42 | 54.07 | 105.20 | -51.13 |
| 5720.00 | Peak | 50.52 | 15.47 | 65.99 | 110.80 | -44.81 |
| 5725.00 | Peak | 51.67 | 15.48 | 67.15 | 122.20 | -55.05 |

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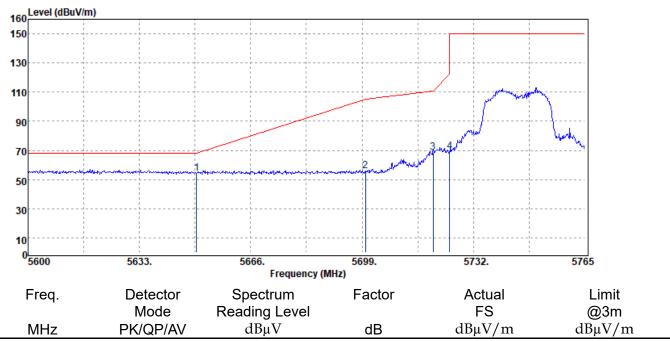
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax20B4 Temp./Humi. :25.3/75

Test Frequency :5745 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 39.14 | 15.16 | 54.30 | 68.20 | -13.90 |
| 5700.00 | Peak | 40.50 | 15.42 | 55.92 | 105.20 | -49.28 |
| 5720.00 | Peak | 53.01 | 15.47 | 68.48 | 110.80 | -42.32 |
| 5725.00 | Peak | 53.48 | 15.48 | 68.96 | 122.20 | -53.24 |

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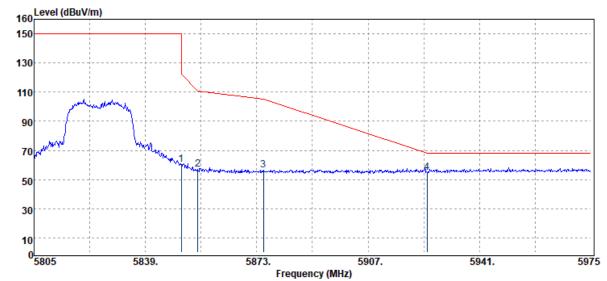
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax20B4 Temp./Humi. :25.3/75

Test Frequency :5825 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5850.00 | Peak | 44.32 | 15.75 | 60.07 | 122.20 | -62.13 |
| 5855.00 | Peak | 41.45 | 15.75 | 57.20 | 110.80 | -53.60 |
| 5875.00 | Peak | 40.91 | 15.75 | 56.66 | 105.20 | -48.54 |
| 5925.00 | Peak | 38.91 | 16.06 | 54.97 | 68.20 | -13.23 |

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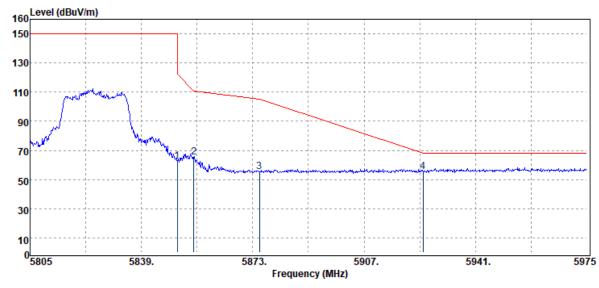
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax20B4 Temp./Humi. :25.3/75

Test Frequency :5825 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBuV | Factor dB | Actual FS dΒμV/m | Limit @3m dBuV/m | Margin dB |
|--------------------|------------------------------|-----------------------------------|-------------------------|------------------------|------------------------|------------------|
| 5850.00 | Peak | 46.87 | 15.75 | 62.62 | 122.20 | -59.58 |
| 5855.00 5875.00 | Peak Peak Peak | 49.32 39.72 | 15.75 15.75 15.75 | 65.07 55.47 | 110.80 105.20 | -45.73 -49.73 |
| 5925.00 | Peak | 39.21 | 16.06 | 55.27 | 68.20 | -12.93 |

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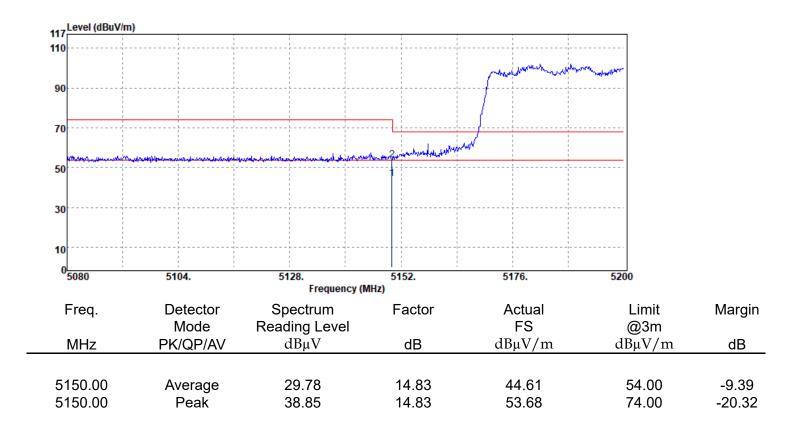
Report Number :ER/2020/30080 **Test Date** :2020-06-01

Operation Mode :802.11ax40B1 Temp./Humi. :25.3/75

Test Frequency Antenna Pol. :VERTICAL :5190 MHz

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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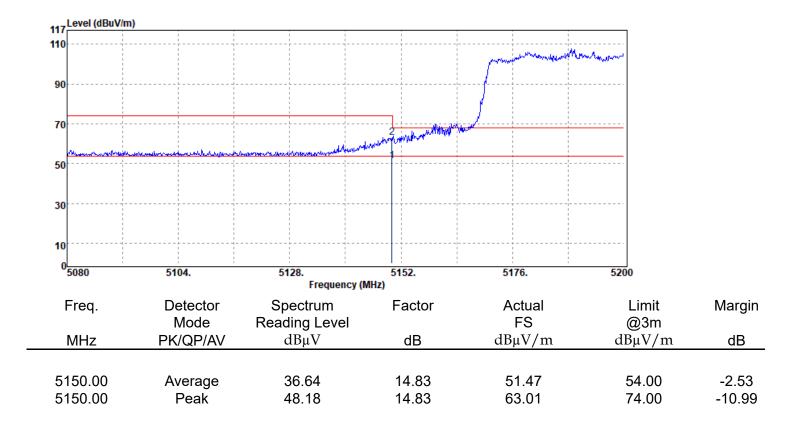
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax40B1 Temp./Humi. :25.3/75

Test Frequency :5190 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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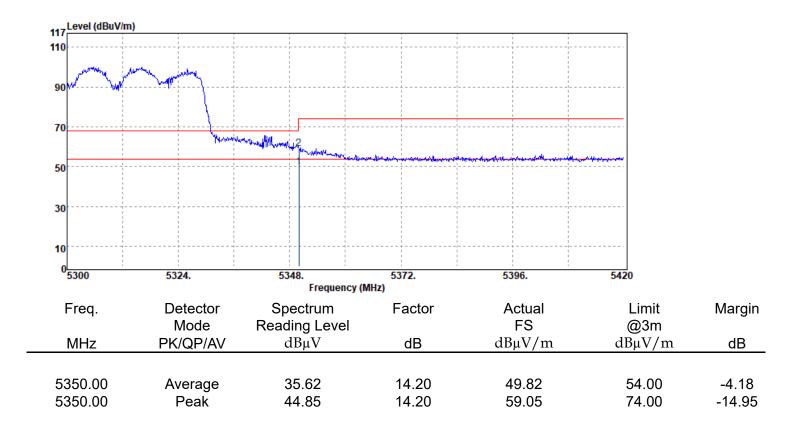
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax40B2 Temp./Humi. :25.3/75

Test Frequency :5310 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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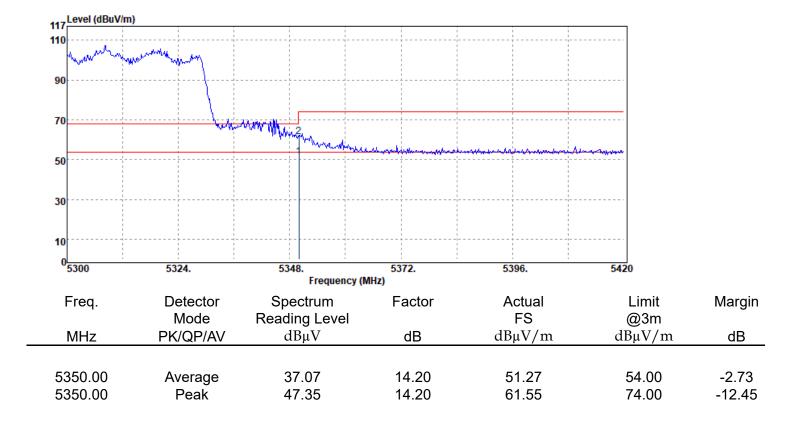
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax40B2 Temp./Humi. :25.3/75

Test Frequency :5310 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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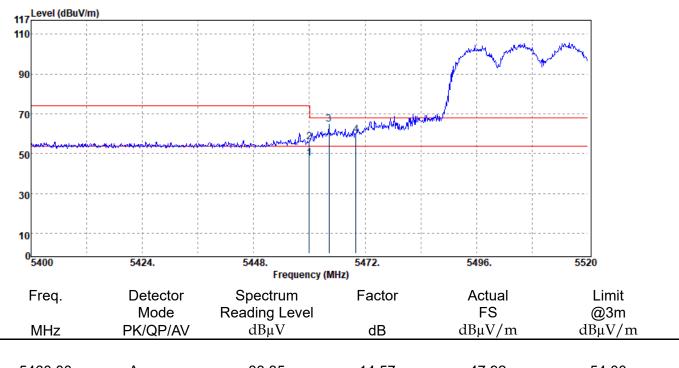
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :25.3/75 :802.11ax40B3 Temp./Humi.

Test Frequency :5510 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5460.00 | Average | 33.35 | 14.57 | 47.92 | 54.00 | -6.08 |
| 5460.00 | Peak | 41.20 | 14.57 | 55.77 | 74.00 | -18.23 |
| 5464.20 | Peak | 50.15 | 14.59 | 64.74 | 68.20 | -3.46 |
| 5470.00 | Peak | 44.89 | 14.61 | 59.50 | 68.20 | -8.70 |
| | | | | | | |

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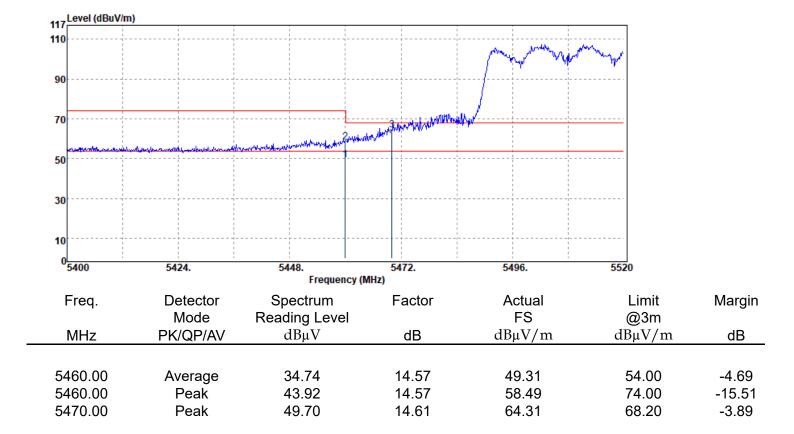
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax40B3 Temp./Humi. :25.3/75

Test Frequency :5510 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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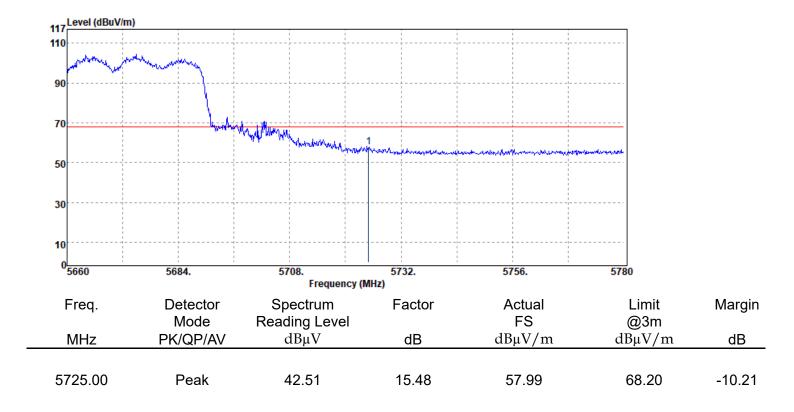
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax40B3 Temp./Humi. :25.3/75

Test Frequency :5670 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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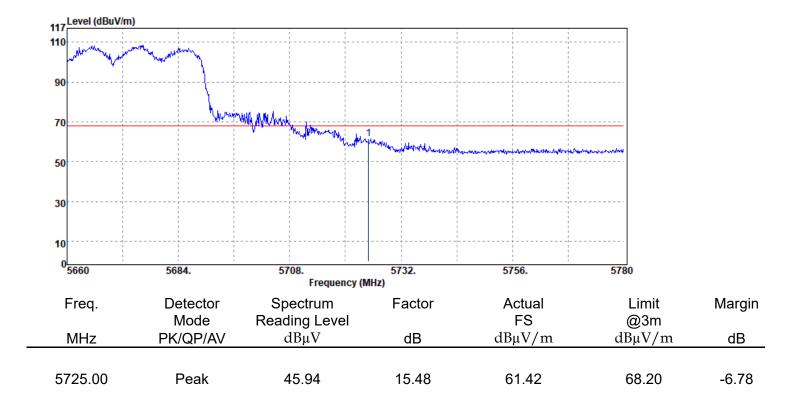
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax40B3 Temp./Humi. :25.3/75

Test Frequency :5670 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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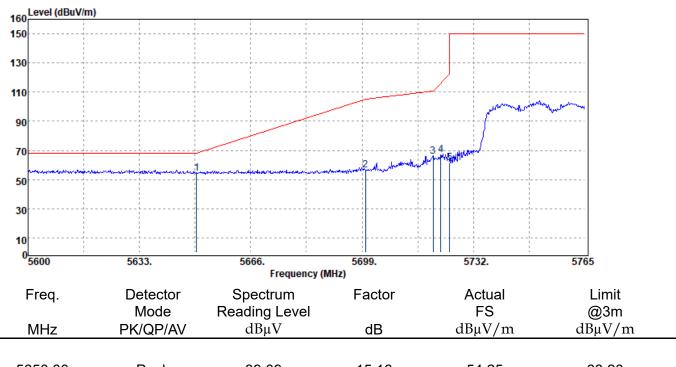
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :25.3/75 :802.11ax40B4 Temp./Humi.

Test Frequency :5755 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 39.09 | 15.16 | 54.25 | 68.20 | -13.95 |
| 5700.00 | Peak | 41.01 | 15.42 | 56.43 | 105.20 | -48.77 |
| 5720.00 | Peak | 50.17 | 15.47 | 65.64 | 110.80 | -45.16 |
| 5722.27 | Peak | 51.59 | 15.46 | 67.05 | 115.96 | -48.91 |
| 5725.00 | Peak | 45.84 | 15.48 | 61.32 | 122.20 | -60.88 |

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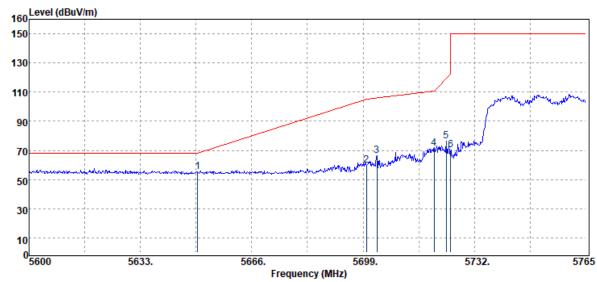
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode Temp./Humi. :802.11ax40B4 :25.3/75

Test Frequency :5755 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | _ |
| 5650.00 | Peak | 40.28 | 15.16 | 55.44 | 68.20 | -12.76 |
| 5700.00 | Peak | 44.61 | 15.42 | 60.03 | 105.20 | -45.17 |
| 5703.13 | Peak | 51.15 | 15.42 | 66.57 | 106.07 | -39.50 |
| 5720.00 | Peak | 56.08 | 15.47 | 71.55 | 110.80 | -39.25 |
| 5723.59 | Peak | 61.05 | 15.48 | 76.53 | 118.97 | -42.44 |
| 5725.00 | Peak | 54.99 | 15.48 | 70.47 | 122.20 | -51.73 |

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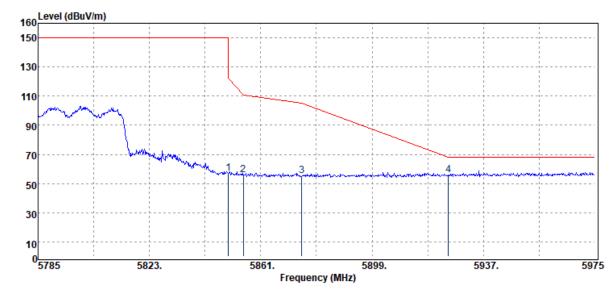
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :25.3/75 :802.11ax40B4 Temp./Humi.

Test Frequency :5795 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5850.00 | Peak | 41.43 | 15.75 | 57.18 | 122.20 | -65.02 |
| 5855.00 | Peak | 40.25 | 15.75 | 56.00 | 110.80 | -54.80 |
| 5875.00 | Peak | 39.77 | 15.75 | 55.52 | 105.20 | -49.68 |
| 5925.00 | Peak | 39.86 | 16.06 | 55.92 | 68.20 | -12.28 |

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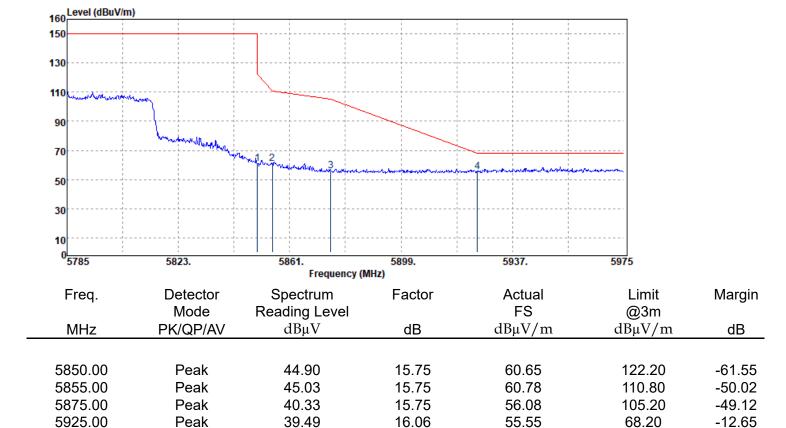
Report Number :ER/2020/30080 **Test Date** :2020-06-01

Operation Mode :802.11ax40B4 Temp./Humi. :25.3/75

Test Frequency :5795 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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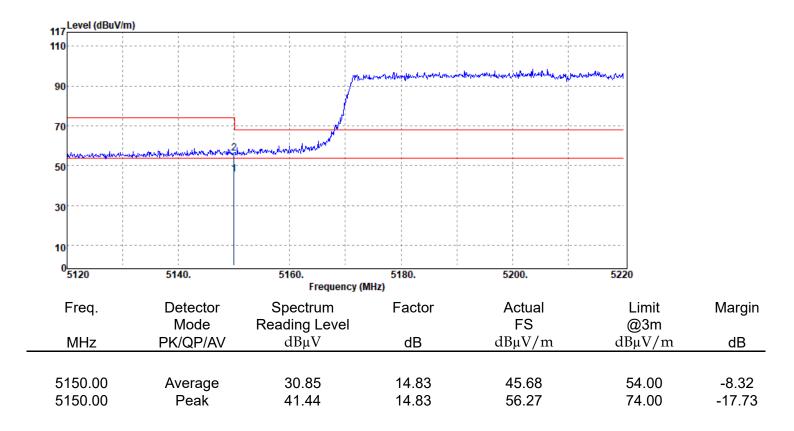
Report Number :ER/2020/30080 **Test Date** :2020-06-01

Operation Mode :802.11ax80B1 Temp./Humi. :25.3/75

Test Frequency Antenna Pol. :VERTICAL :5210 MHz

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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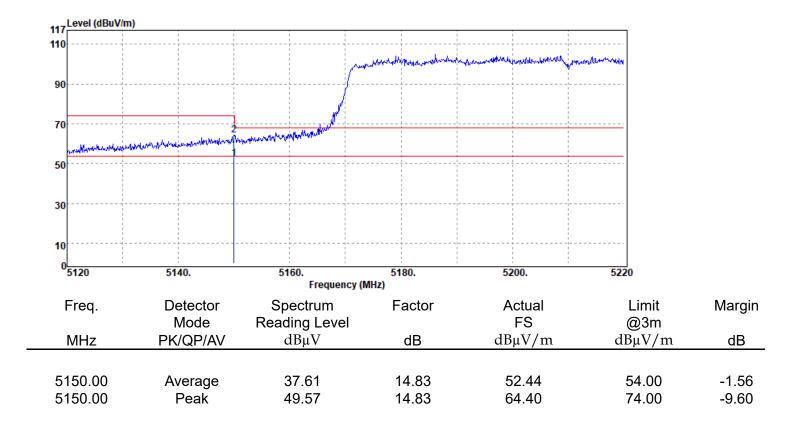
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax80B1 Temp./Humi. :25.3/75

Test Frequency :5210 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



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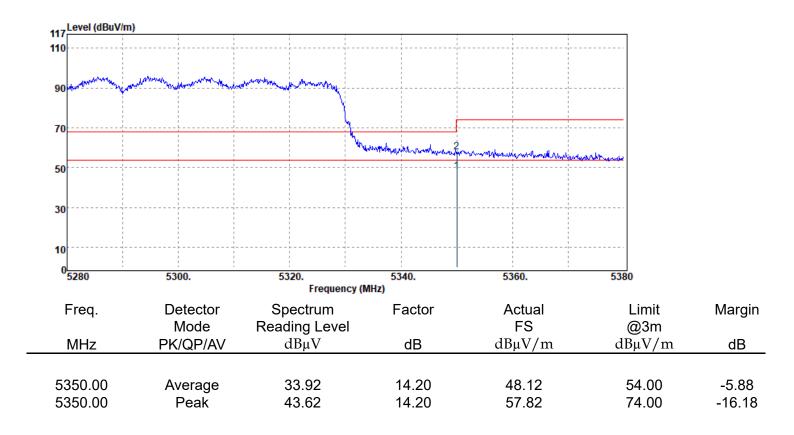
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax80B2 Temp./Humi. :25.3/75

Test Frequency :5290 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



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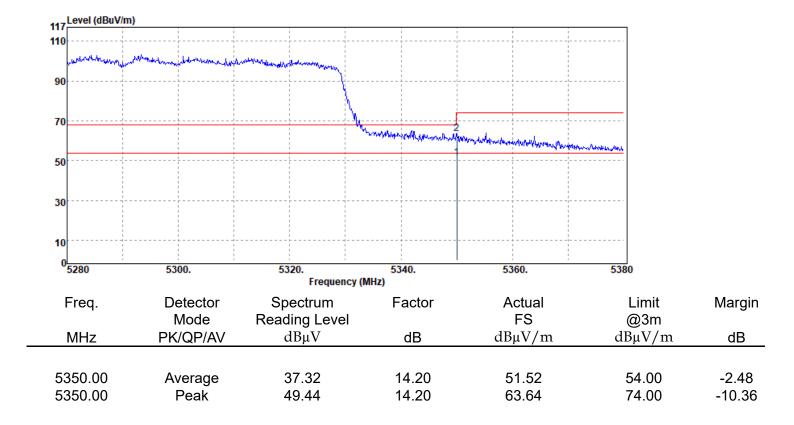
Report Number :ER/2020/30080 Test Date :2020-06-01

Operation Mode :802.11ax80B2 Temp./Humi. :25.3/75

Test Frequency :5290 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH High Engineer :Thomas





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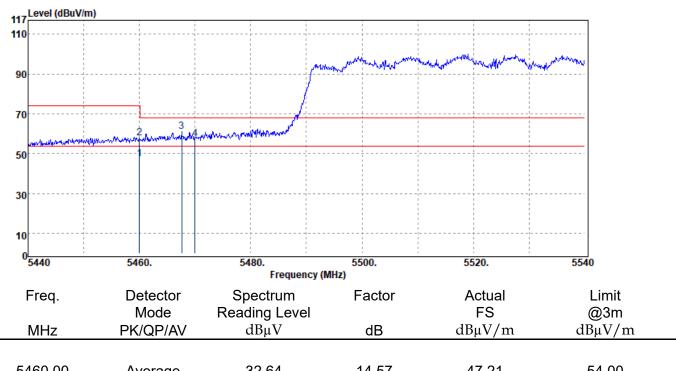
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :25.3/75 :802.11ax80B3 Temp./Humi.

Test Frequency :5530 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5460.00 | Average | 32.64 | 14.57 | 47.21 | 54.00 | -6.79 |
| 5460.00 | Peak | 43.27 | 14.57 | 57.84 | 74.00 | -16.16 |
| 5467.60 | Peak | 46.54 | 14.60 | 61.14 | 68.20 | -7.06 |
| 5470.00 | Peak | 42.84 | 14.61 | 57.45 | 68.20 | -10.75 |
| | | | | | | |

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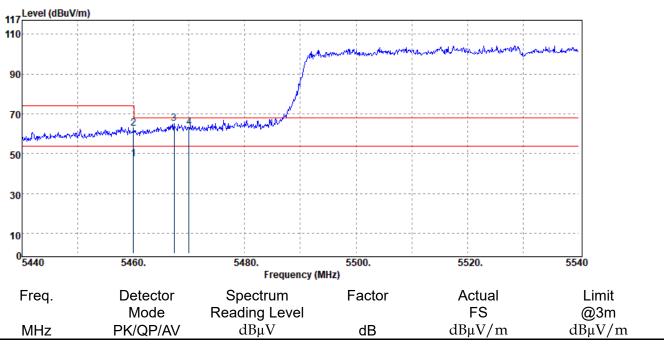
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax80B3 Temp./Humi. :25.3/75

Test Frequency :5530 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| rieq. | Mode | Reading Level | racioi | FS | @3m | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5460.00 | Average | 32.95 | 14.57 | 47.52 | 54.00 | -6.48 |
| 5460.00 | Peak | 48.07 | 14.57 | 62.64 | 74.00 | -11.36 |
| 5467.30 | Peak | 50.42 | 14.60 | 65.02 | 68.20 | -3.18 |
| 5470.00 | Peak | 48.36 | 14.61 | 62.97 | 68.20 | -5.23 |
| | | | | | | |

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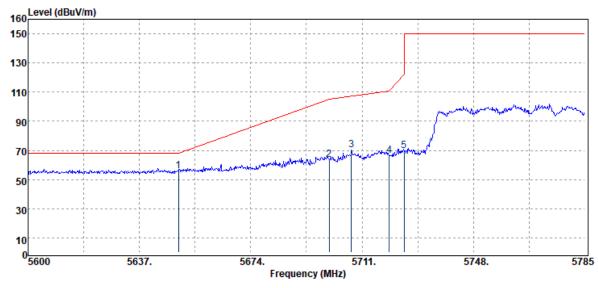
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :25.3/75 :802.11ax80B4 Temp./Humi.

Test Frequency :5775 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| | Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| | MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | | |
| | 5650.00 | Peak | 40.66 | 15.16 | 55.82 | 68.20 | -12.38 |
| | 5700.00 | Peak | 48.48 | 15.42 | 63.90 | 105.20 | -41.30 |
| | 5707.49 | Peak | 54.99 | 15.43 | 70.42 | 107.30 | -36.88 |
| | 5720.00 | Peak | 51.18 | 15.47 | 66.65 | 110.80 | -44.15 |
| | 5725.00 | Peak | 54.34 | 15.48 | 69.82 | 122.20 | -52.38 |
| | | | | | | | |

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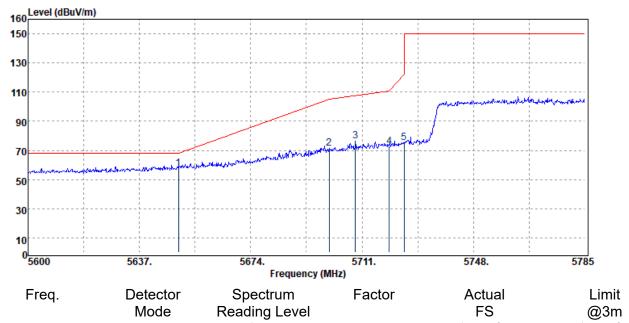
Report Number **Test Date** :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax80B4 Temp./Humi. :25.3/75

Test Frequency :5775 MHz Antenna Pol. :HORIZONTAL

Test Mode :Bandedge CH Low Engineer :Thomas

EUT Pol :H Plane



| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | |
| 5650.00 | Peak | 42.65 | 15.16 | 57.81 | 68.20 | -10.39 |
| 5700.00 | Peak | 56.15 | 15.42 | 71.57 | 105.20 | -33.63 |
| 5708.78 | Peak | 61.07 | 15.44 | 76.51 | 107.66 | -31.15 |
| 5720.00 | Peak | 57.28 | 15.47 | 72.75 | 110.80 | -38.05 |
| 5725.00 | Peak | 59.82 | 15.48 | 75.30 | 122.20 | -46.90 |
| | | | | | | |

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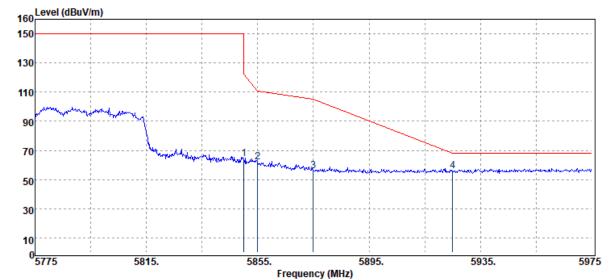
Test Date Report Number :ER/2020/30080 :2020-06-01

Operation Mode :802.11ax80B4 Temp./Humi. :25.3/75

Test Frequency :5775 MHz Antenna Pol. :VERTICAL

Test Mode :Bandedge CH High Engineer :Thomas

EUT Pol :H Plane



| | Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|--|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| | MHz | PK/QP/AV | dΒμV | dB | dBμV/m | dBμV/m | dB |
| | | | | | | | |
| | 5850.00 | Peak | 48.53 | 15.75 | 64.28 | 122.20 | -57.92 |
| | 5855.00 | Peak | 46.29 | 15.75 | 62.04 | 110.80 | -48.76 |
| | 5875.00 | Peak | 40.43 | 15.75 | 56.18 | 105.20 | -49.02 |
| | 5925.00 | Peak | 39.80 | 16.06 | 55.86 | 68.20 | -12.34 |
| | | | | | | | |

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