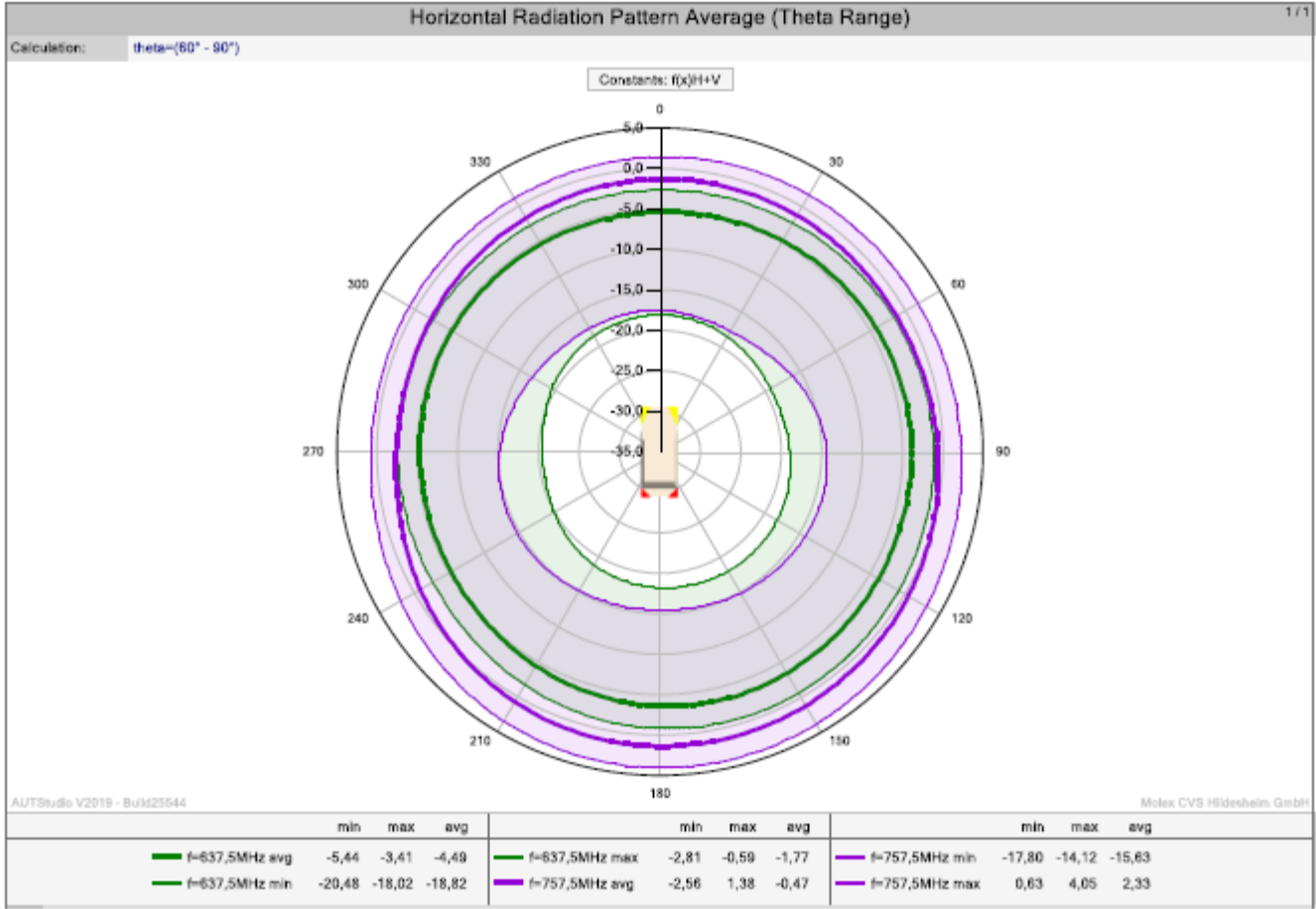


# Antenna Gain Information

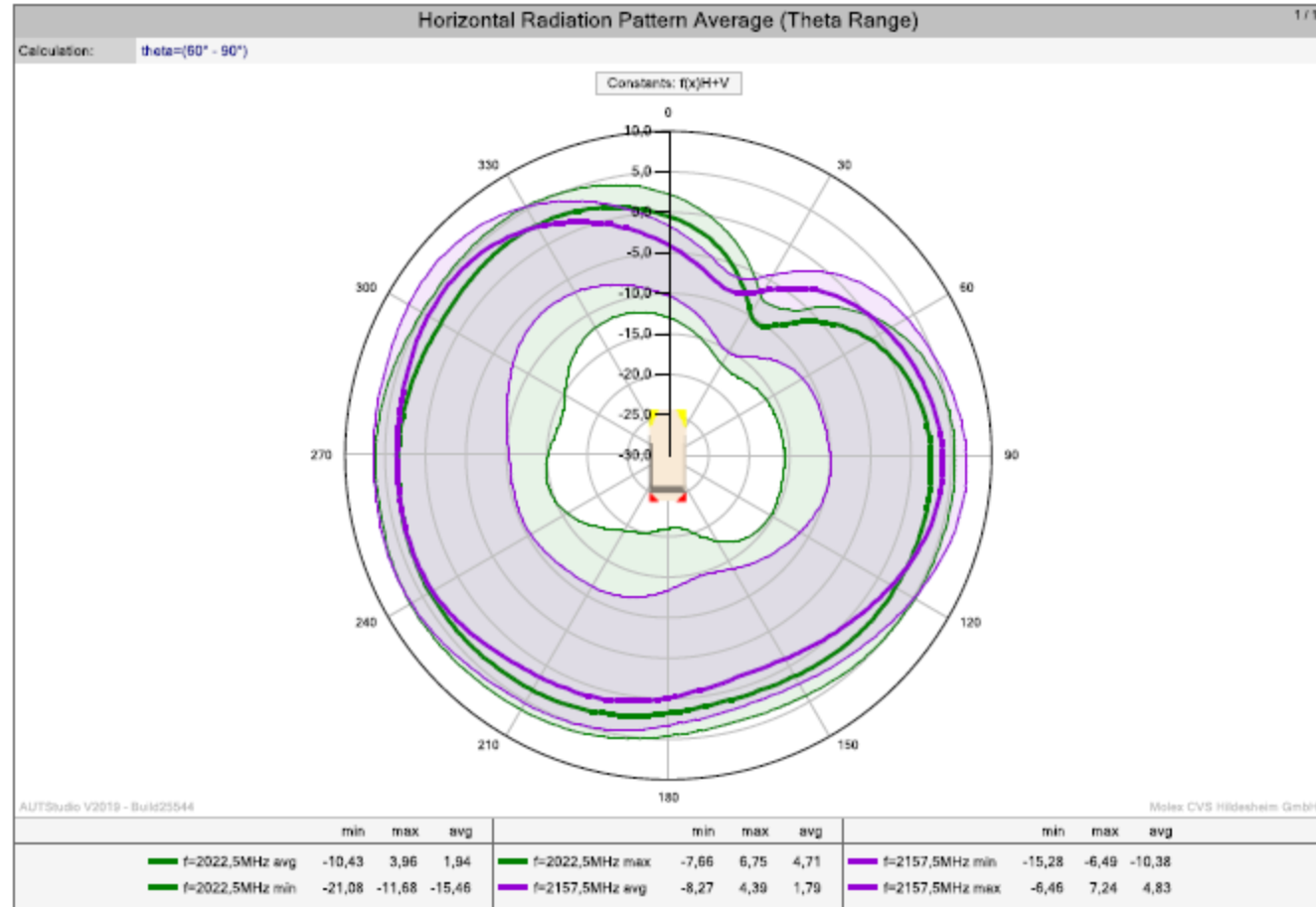
## 3WA.035.507.G

| frequency band in MHz |             | partial average gain of freq. band in dBi (Theta=[60-90]°) |               |              | max. gain in partial area (Theta=[60-90]°) | min. gain in partial area (Theta=[60-90]°) | absolut maximum gain (Theta=[0-180]°) |
|-----------------------|-------------|------------------------------------------------------------|---------------|--------------|--------------------------------------------|--------------------------------------------|---------------------------------------|
| begin                 | end         | in freq. band in dBi                                       | maximum       | Minimum      | in freq. band in dBi                       | in freq. band in dBi                       | in freq. band in dBi                  |
| <b>617</b>            | <b>894</b>  | <b>-1,51</b>                                               | <b>-0,09</b>  | <b>-4,50</b> | <b>4,05</b>                                | <b>-20,48</b>                              | <b>4.05</b>                           |
| <b>1710</b>           | <b>2170</b> | <b>1,54</b>                                                | <b>1,99</b>   | <b>1,11</b>  | <b>7,24</b>                                | <b>-21,08</b>                              | <b>7,24</b>                           |
| <b>2500</b>           | <b>2690</b> | <b>-0,14</b>                                               | <b>0,41</b>   | <b>-0,69</b> | <b>6,59</b>                                | <b>-33,43</b>                              | <b>6,59</b>                           |
| <b>3300</b>           | <b>4200</b> | <b>-1,42</b>                                               | <b>-0,229</b> | <b>-2,42</b> | <b>7,02</b>                                | <b>-61,36</b>                              | <b>7,02</b>                           |
| <b>4400</b>           | <b>5000</b> | <b>-2,05</b>                                               | <b>-1,49</b>  | <b>-3,52</b> | <b>4,73</b>                                | <b>-65,31</b>                              | <b>4,73</b>                           |

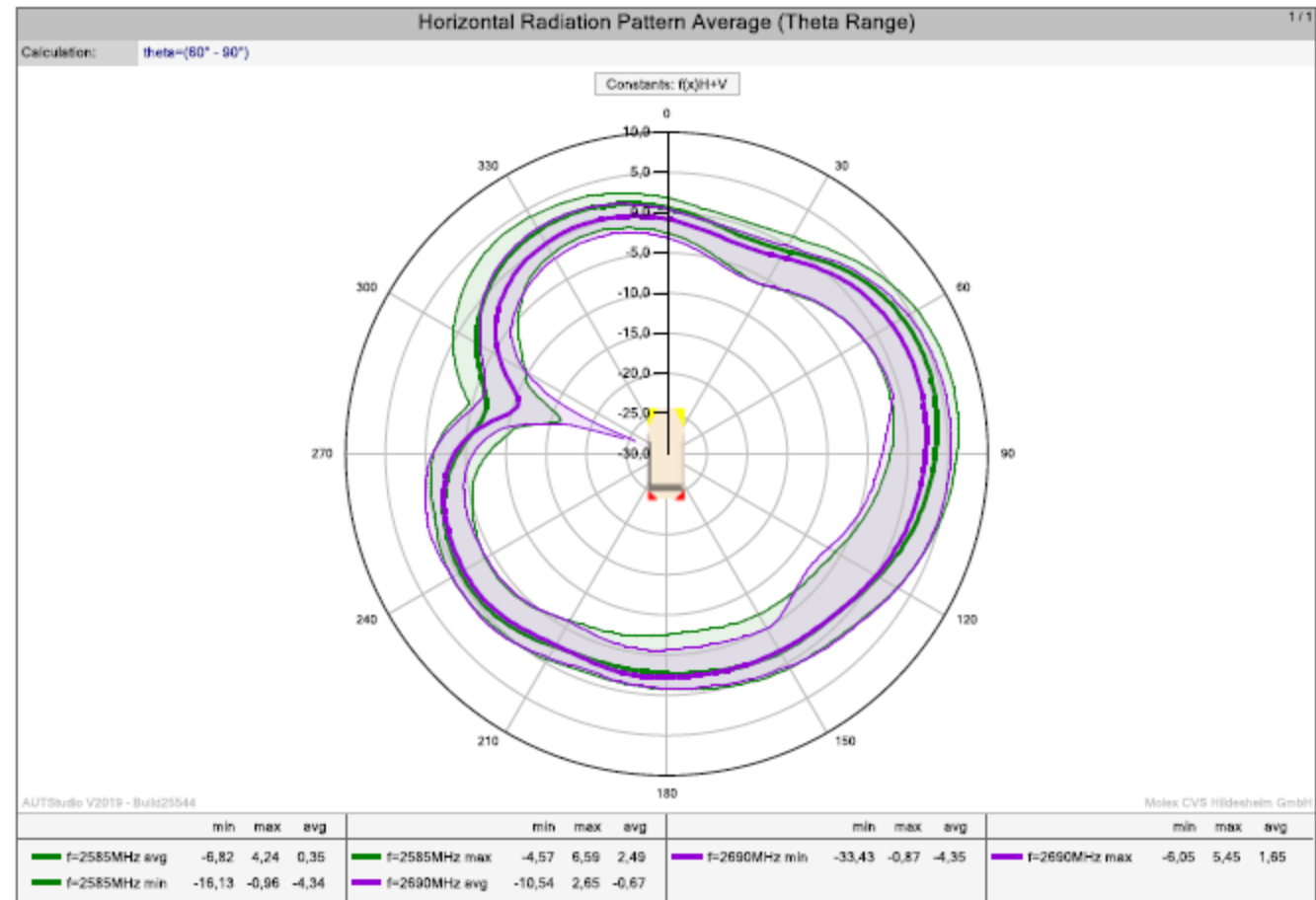
5.2.2 Radiation Pattern for Min-Max Gain @ frequency range 617MHz - 894MHz



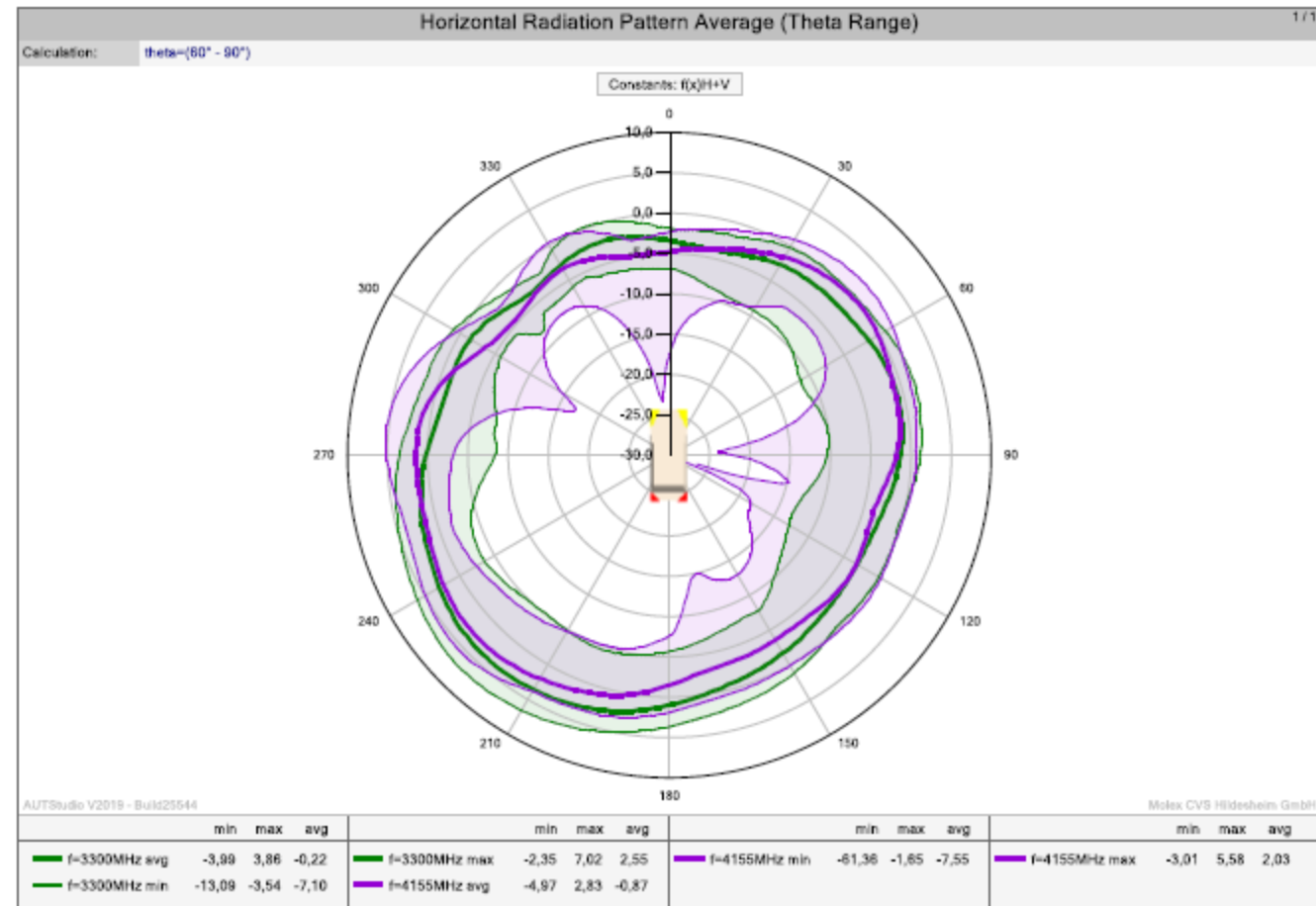
## Radiation Pattern for Min-Max Gain @ frequency range 1710MHz - 2170MHz



### 5.2.3 Radiation Pattern for Min-Max Gain @ frequency range 2500MHz - 2690MHz



#### 5.2.4 Radiation Pattern for Min-Max Gain @ frequency range 3300MHz - 4200MHz



## 5.2.5 Radiation Pattern for Min-Max Gain @ frequency range 4400MHz - 5000MHz

