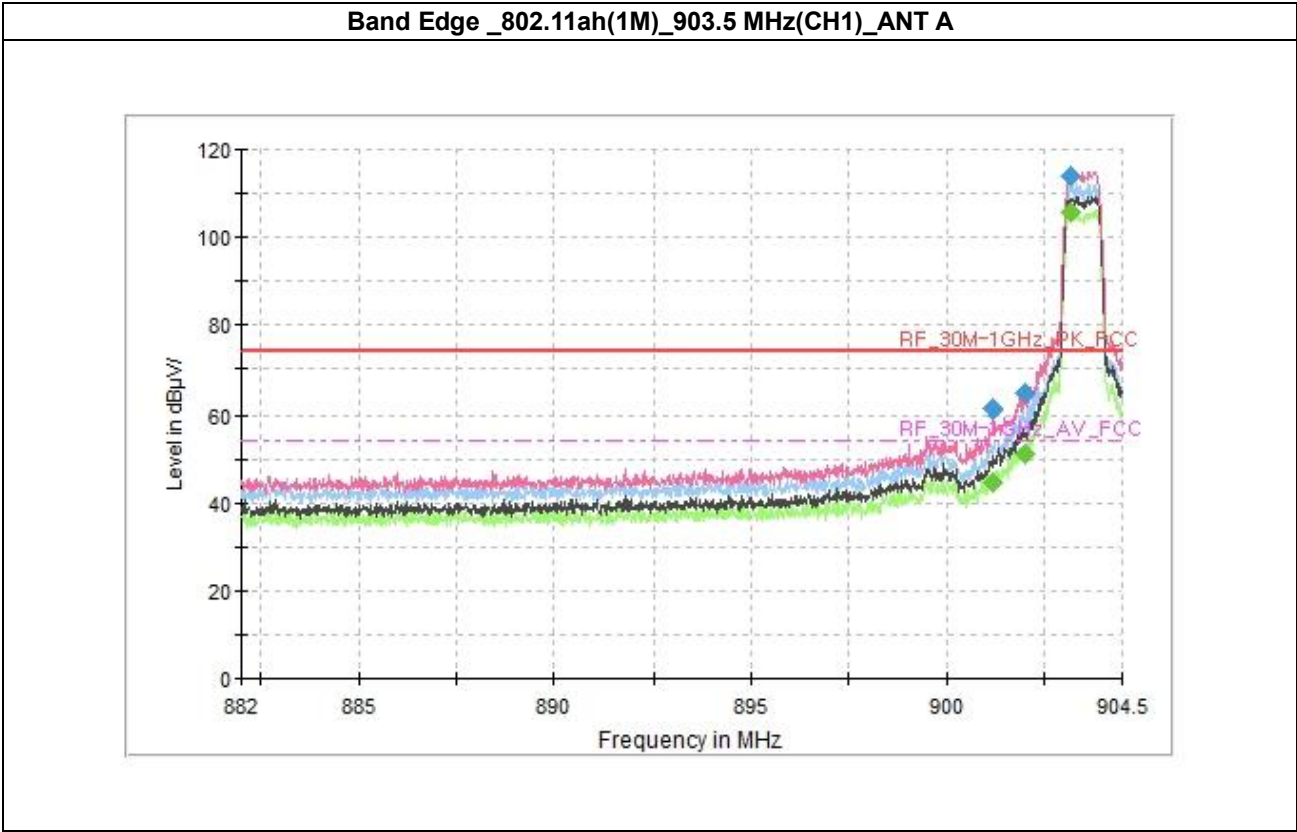


KIEL2504-YW03876

Band Edge



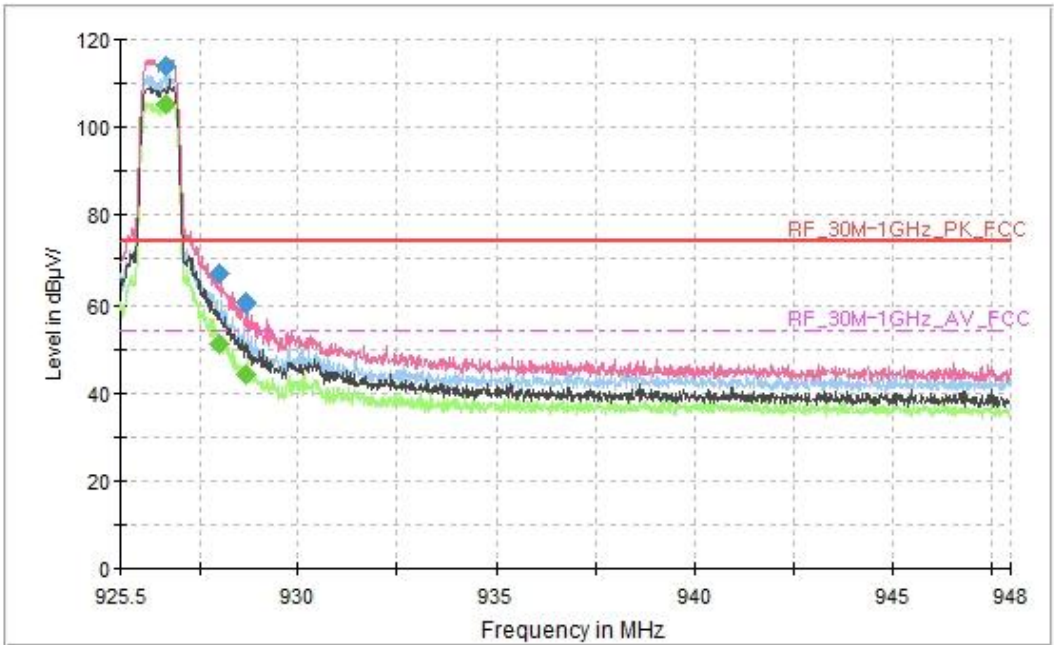
| Frequency [MHz] | Peak Reading [dBuV] | Peak Result [dBuV/m] | AVG Reading [dBuV] | AVG Result [dBuV/m] | DCCF [dB] | Height [cm] | Pol | Azimuth [deg] | Corr. [dB/m] | Peak Margin [dB] | Peak Limit [dBuV/m] | AVG Margin [dB] | AVG Limit [dBuV/m] |
|-----------------|---------------------|----------------------|--------------------|---------------------|-----------|-------------|-----|---------------|--------------|------------------|---------------------|-----------------|--------------------|
| 901.210         | 44.95               | 61.25                | -                  | -                   | -         | 1.00        | V   | 239.0         | 16.30        | 32.70            | 93.95               | -               | -                  |
| 902.000         | 48.43               | 64.73                | -                  | -                   | -         | 1.00        | V   | 357.0         | 16.30        | 29.22            | 93.95               | -               | -                  |
| # 903.198       | 97.65               | 113.95               | -                  | -                   | -         | 1.00        | V   | 31.0          | 16.30        | -                | -                   | -               | -                  |

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
  3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  5. \* - indicates frequency in Restricted Band.
  6. # - indicates Fundamental Results



KIEL2504-YW03876

Band Edge \_802.11ah(1M)\_926.5 MHz(CH24)\_ANT A



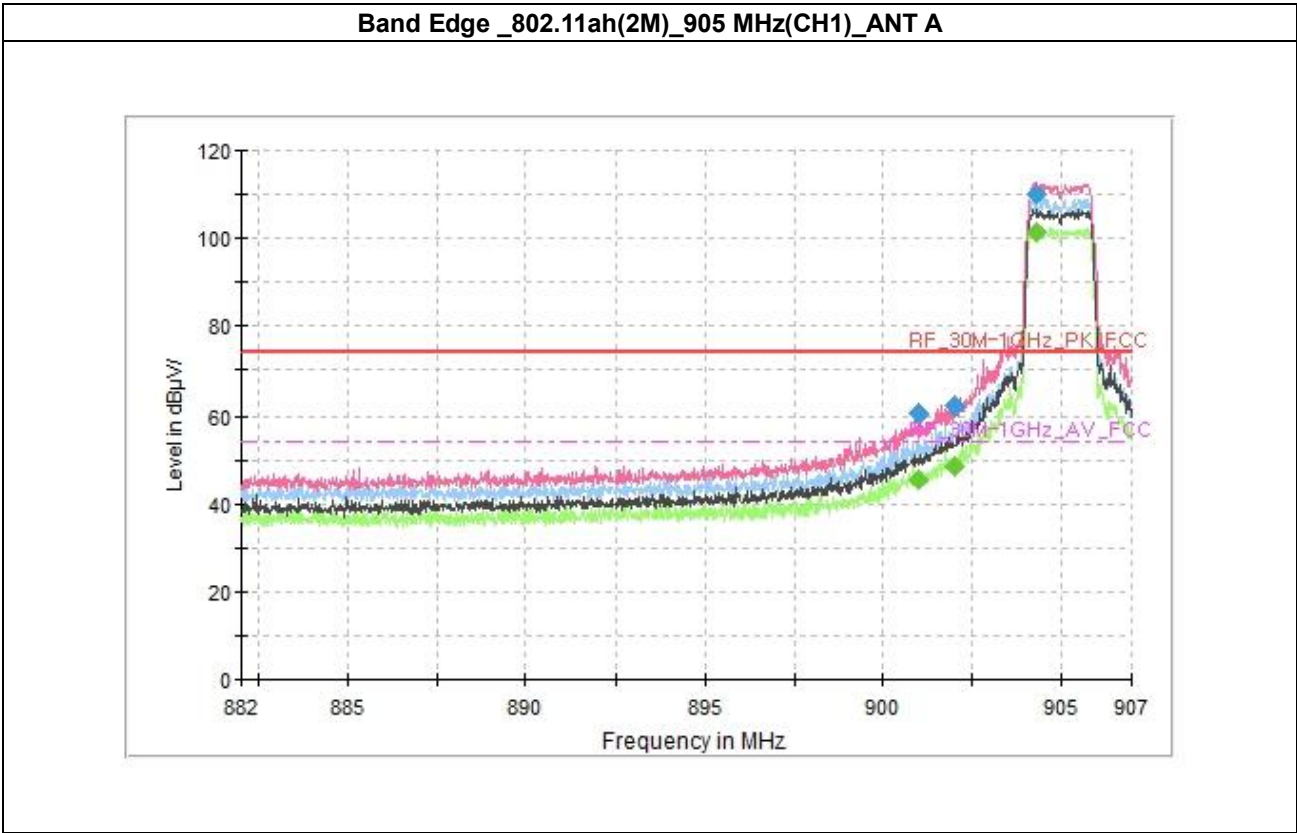
|   | Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|---|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
| # | 926.676            | 97.57                     | 114.07                     | -                        | -                         | -            | 1.00           | V   | 306.0            | 16.50           | -                      | -                         | -                     | -                        |
|   | 928.000            | 50.05                     | 66.55                      | -                        | -                         | -            | 1.00           | V   | 0.0              | 16.50           | 27.52                  | 94.07                     | -                     | -                        |
|   | 928.678            | 43.88                     | 60.38                      | -                        | -                         | -            | 1.00           | V   | 306.0            | 16.50           | 33.69                  | 94.07                     | -                     | -                        |

Note)

- 1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
- 2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
- 3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
- 4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
- 5. \* - indicates frequency in Restricted Band.
- 6. # - indicates Fundamental Results

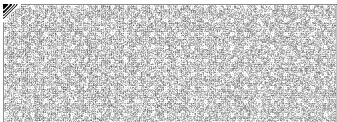


KIEL2504-YW03876



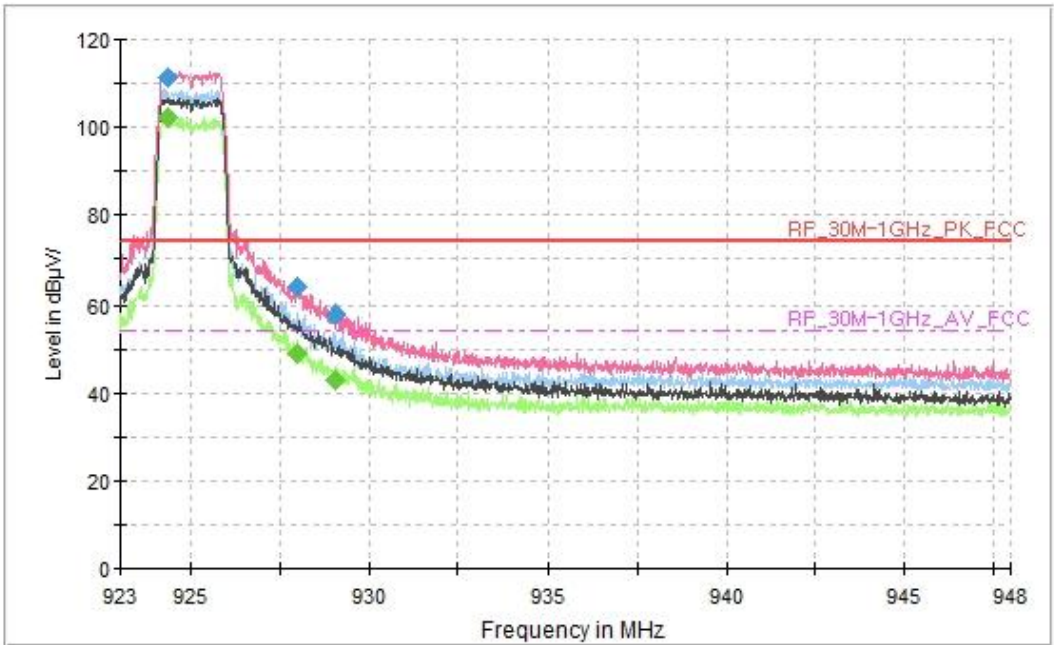
| Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
| 900.986            | 44.13                     | 60.43                      | -                        | -                         | -            | 1.00           | V   | 31.0             | 16.30           | 29.78                  | 90.21                     | -                     | -                        |
| 902.000            | 45.52                     | 61.82                      | -                        | -                         | -            | 1.00           | V   | 115.0            | 16.30           | 28.39                  | 90.21                     | -                     | -                        |
| # 904.346          | 93.91                     | 110.21                     | -                        | -                         | -            | 1.00           | V   | 7.0              | 16.30           | -                      | -                         | -                     | -                        |

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
  3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  5. \* - indicates frequency in Restricted Band.
  6. # - indicates Fundamental Results



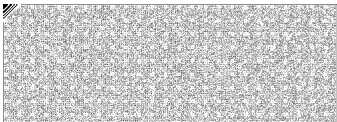
KIEL2504-YW03876

Band Edge \_802.11ah(2M)\_925 MHz(CH11)\_ANT A



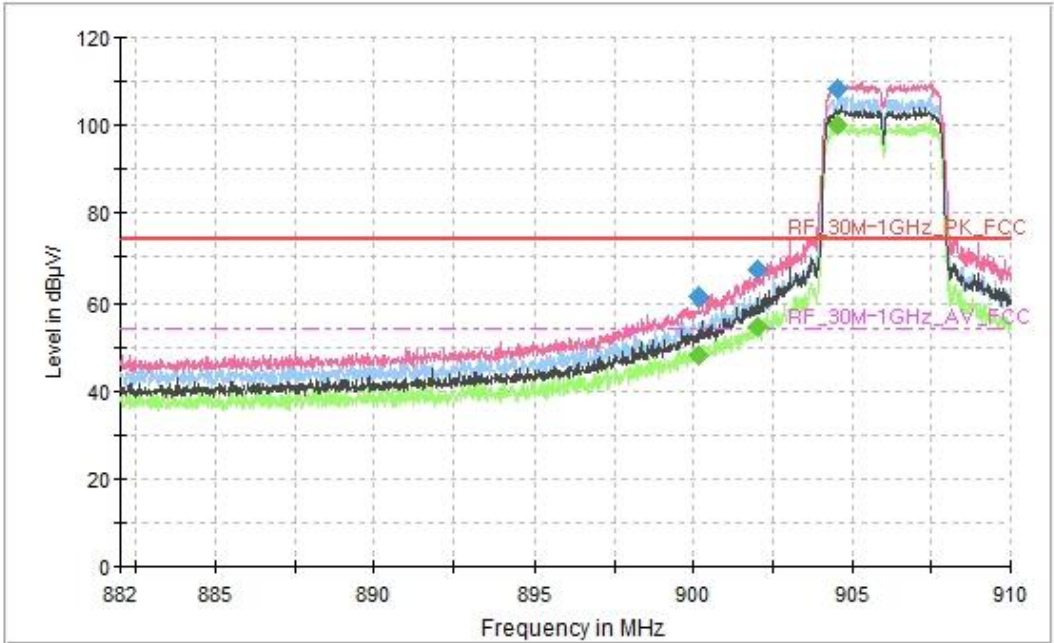
|   | Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|---|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
| # | 924.324            | 94.70                     | 111.20                     | -                        | -                         | -            | 1.00           | V   | 20.0             | 16.50           | -                      | -                         | -                     | -                        |
|   | 928.000            | 47.04                     | 63.54                      | -                        | -                         | -            | 1.00           | V   | 358.0            | 16.50           | 27.66                  | 91.20                     | -                     | -                        |
|   | 929.070            | 41.27                     | 57.77                      | -                        | -                         | -            | 1.00           | V   | 56.0             | 16.50           | 33.43                  | 91.20                     | -                     | -                        |

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
  3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  5. \* - indicates frequency in Restricted Band.
  6. # - indicates Fundamental Results



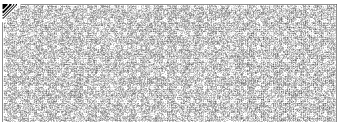
KIEL2504-YW03876

Band Edge \_802.11ah(4M)\_906 MHz(CH1)\_ANT A



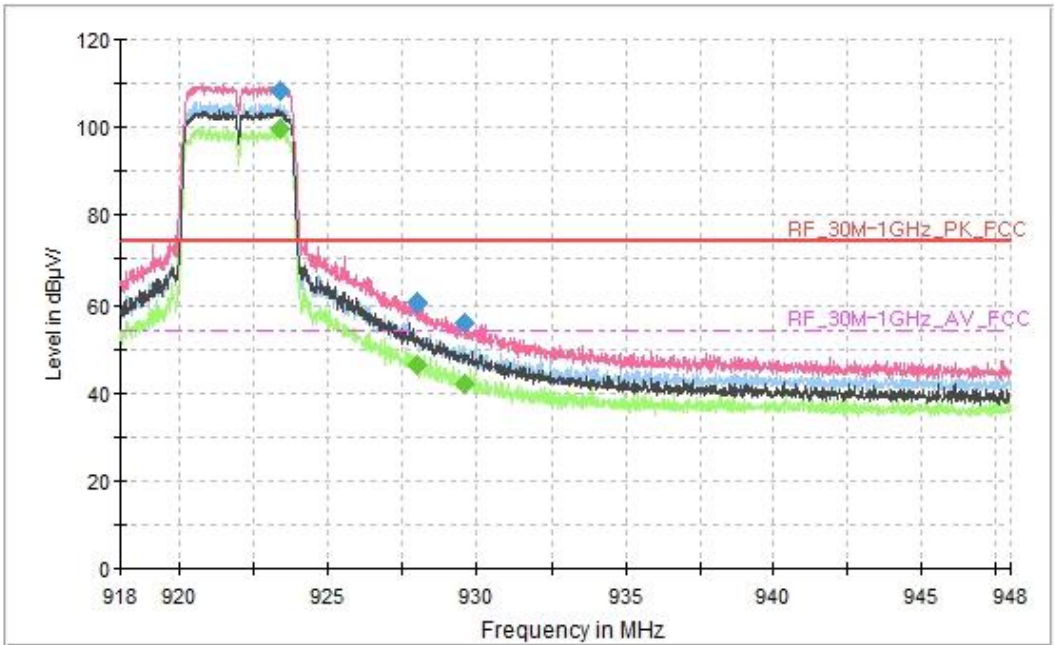
|   | Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|---|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
|   | 900.160            | 44.86                     | 61.16                      | -                        | -                         | -            | 1.00           | V   | 96.0             | 16.30           | 27.32                  | 88.48                     | -                     | -                        |
|   | 902.000            | 50.92                     | 67.22                      | -                        | -                         | -            | 1.00           | V   | 92.0             | 16.30           | 21.26                  | 88.48                     | -                     | -                        |
| # | 904.528            | 92.18                     | 108.48                     | -                        | -                         | -            | 1.00           | V   | 37.0             | 16.30           | -                      | -                         | -                     | -                        |

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
  3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  5. \* - indicates frequency in Restricted Band.
  6. # - indicates Fundamental Results



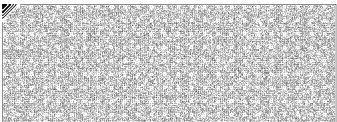
KIEL2504-YW03876

Band Edge \_802.11ah(4M)\_922 MHz(CH5)\_ANT A



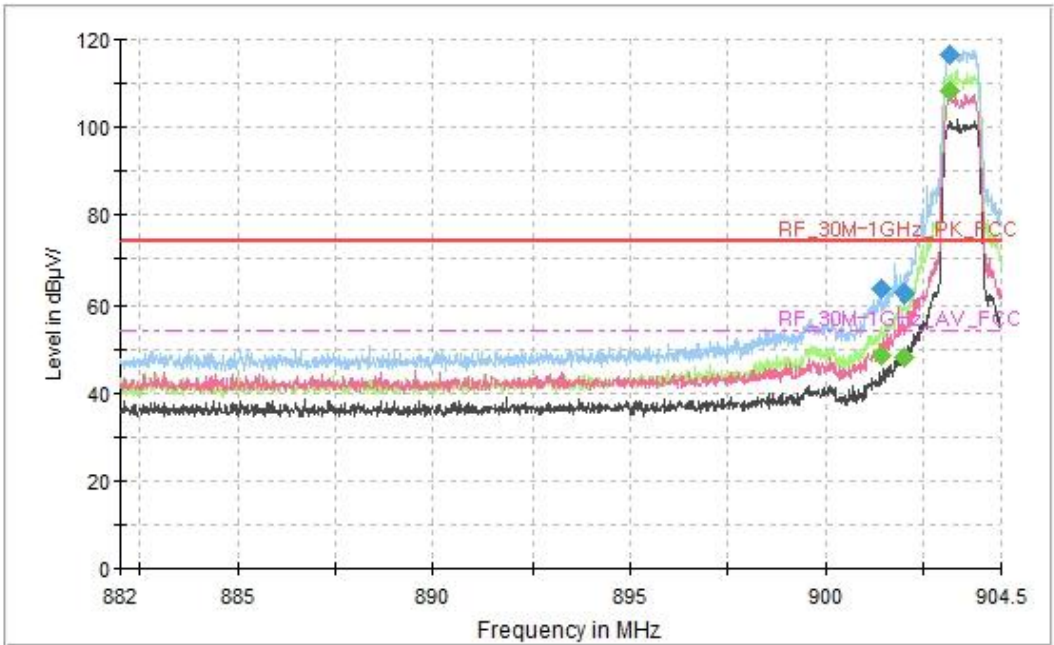
|   | Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|---|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
| # | 923.400            | 91.65                     | 108.15                     | -                        | -                         | -            | 1.00           | V   | 0.0              | 16.50           | -                      | -                         | -                     | -                        |
|   | 928.000            | 43.52                     | 60.02                      | -                        | -                         | -            | 1.00           | V   | 0.0              | 16.50           | 28.13                  | 88.15                     | -                     | -                        |
|   | 929.658            | 39.19                     | 55.69                      | -                        | -                         | -            | 1.00           | V   | 12.0             | 16.50           | 32.46                  | 88.15                     | -                     | -                        |

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
  3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  5. \* - indicates frequency in Restricted Band.
  6. # - indicates Fundamental Results



KIEL2504-YW03876

Band Edge \_802.11ah(1M)\_903.5 MHz(CH1)\_ANT B



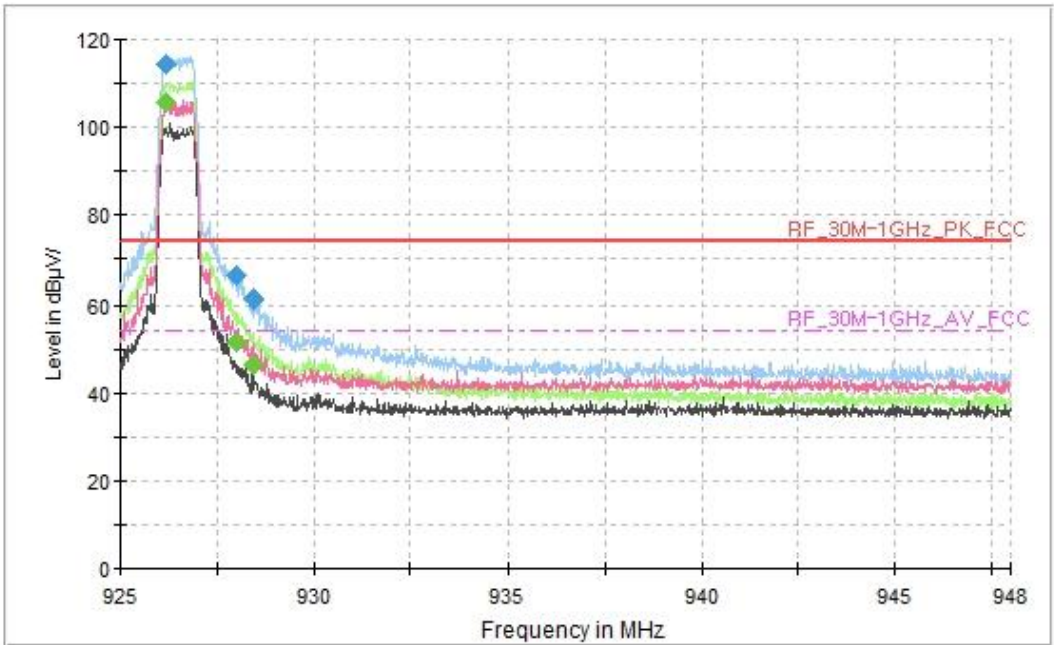
| Frequency [MHz] | Peak Reading [dBuV] | Peak Result [dBuV/m] | AVG Reading [dBuV] | AVG Result [dBuV/m] | DCCF [dB] | Height [cm] | Pol | Azimuth [deg] | Corr. [dB/m] | Peak Margin [dB] | Peak Limit [dBuV/m] | AVG Margin [dB] | AVG Limit [dBuV/m] |
|-----------------|---------------------|----------------------|--------------------|---------------------|-----------|-------------|-----|---------------|--------------|------------------|---------------------|-----------------|--------------------|
| 901.420         | 46.91               | 63.21                | -                  | -                   | -         | 1.00        | H   | 1.0           | 16.30        | 33.23            | 96.44               | -               | -                  |
| 902.000         | 46.19               | 62.49                | -                  | -                   | -         | 1.00        | V   | 187.0         | 16.30        | 33.95            | 96.44               | -               | -                  |
| # 903.184       | 100.14              | 116.44               | -                  | -                   | -         | 1.00        | H   | 0.0           | 16.30        | -                | -                   | -               | -                  |

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
  3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  5. \* - indicates frequency in Restricted Band.
  6. # - indicates Fundamental Results



KIEL2504-YW03876

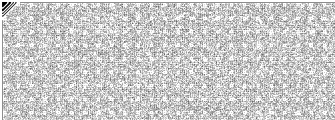
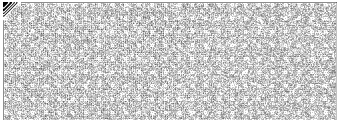
Band Edge \_802.11ah(1M)\_926.5 MHz(CH24)\_ANT B



|   | Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|---|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
| # | 926.186            | 97.84                     | 114.34                     | -                        | -                         | -            | 1.00           | H   | 0.0              | 16.50           | -                      | -                         | -                     | -                        |
|   | 928.000            | 49.72                     | 66.22                      | -                        | -                         | -            | 1.00           | H   | 170.0            | 16.50           | 28.12                  | 94.34                     | -                     | -                        |
|   | 928.426            | 44.77                     | 61.27                      | -                        | -                         | -            | 1.00           | H   | 0.0              | 16.50           | 33.07                  | 94.34                     | -                     | -                        |

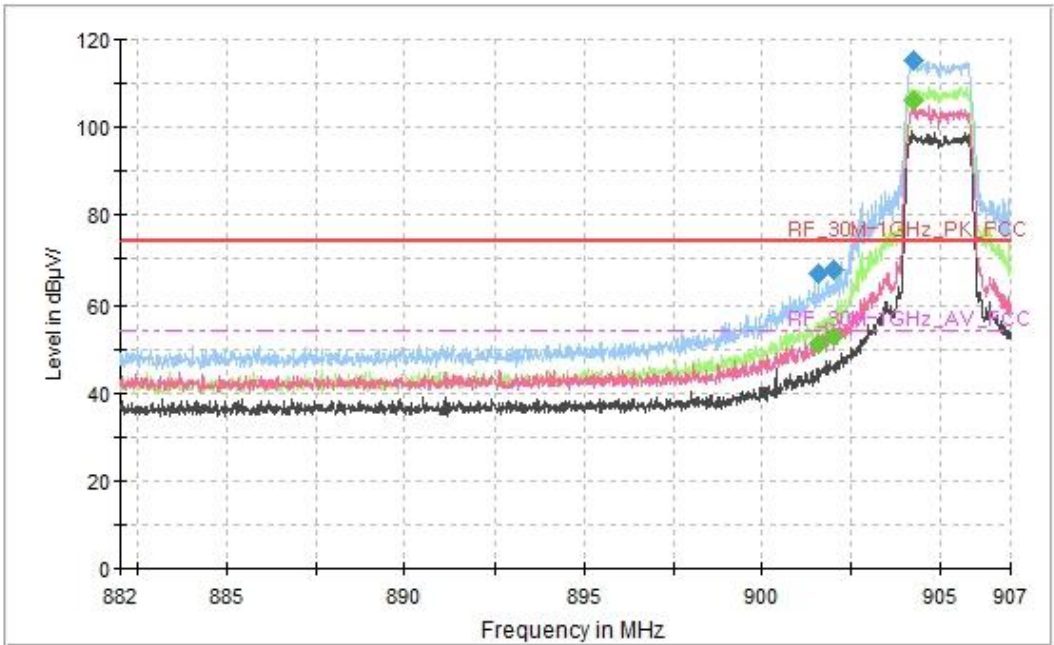
Note)

1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
5. \* - indicates frequency in Restricted Band.
6. # - indicates Fundamental Results



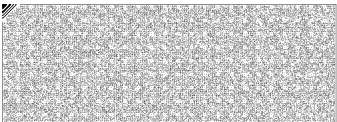
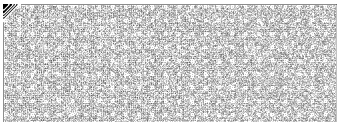
KIEL2504-YW03876

Band Edge \_802.11ah(2M)\_905 MHz(CH1)\_ANT B



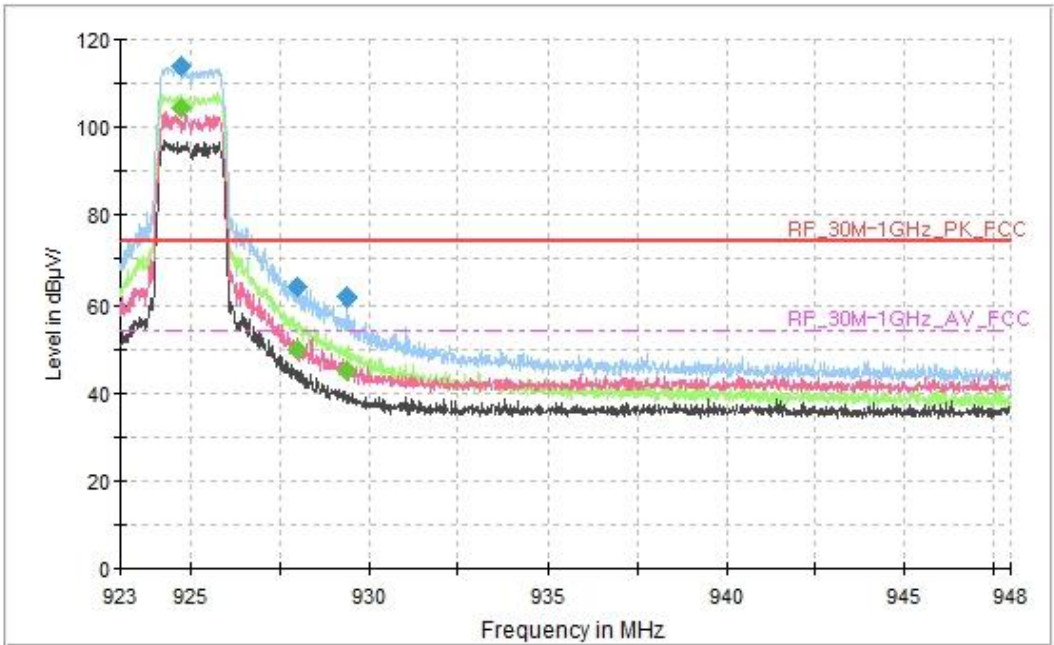
| Frequency [MHz] | Peak Reading [dBuV] | Peak Result [dBuV/m] | AVG Reading [dBuV] | AVG Result [dBuV/m] | DCCF [dB] | Height [cm] | Pol | Azimuth [deg] | Corr. [dB/m] | Peak Margin [dB] | Peak Limit [dBuV/m] | AVG Margin [dB] | AVG Limit [dBuV/m] |
|-----------------|---------------------|----------------------|--------------------|---------------------|-----------|-------------|-----|---------------|--------------|------------------|---------------------|-----------------|--------------------|
| 901.602         | 50.49               | 66.79                | -                  | -                   | -         | 1.00        | H   | 352.0         | 16.30        | 28.26            | 95.05               | -               | -                  |
| 902.000         | 51.15               | 67.45                | -                  | -                   | -         | 1.00        | H   | 347.0         | 16.30        | 27.60            | 95.05               | -               | -                  |
| # 904.248       | 98.75               | 115.05               | -                  | -                   | -         | 1.00        | H   | 0.0           | 16.30        | -                | -                   | -               | -                  |

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
  3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  5. \* - indicates frequency in Restricted Band.
  6. # - indicates Fundamental Results



KIEL2504-YW03876

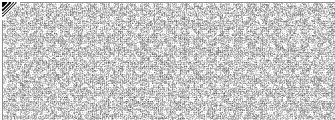
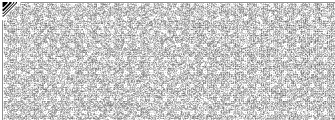
Band Edge \_802.11ah(2M)\_925 MHz(CH11)\_ANT B



|   | Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|---|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
| # | 924.688            | 97.41                     | 113.91                     | -                        | -                         | -            | 1.00           | H   | 0.0              | 16.50           | -                      | -                         | -                     | -                        |
|   | 928.000            | 47.34                     | 63.84                      | -                        | -                         | -            | 1.00           | H   | 19.0             | 16.50           | 30.07                  | 93.91                     | -                     | -                        |
|   | 929.392            | 44.84                     | 61.34                      | -                        | -                         | -            | 1.00           | H   | 187.0            | 16.50           | 32.57                  | 93.91                     | -                     | -                        |

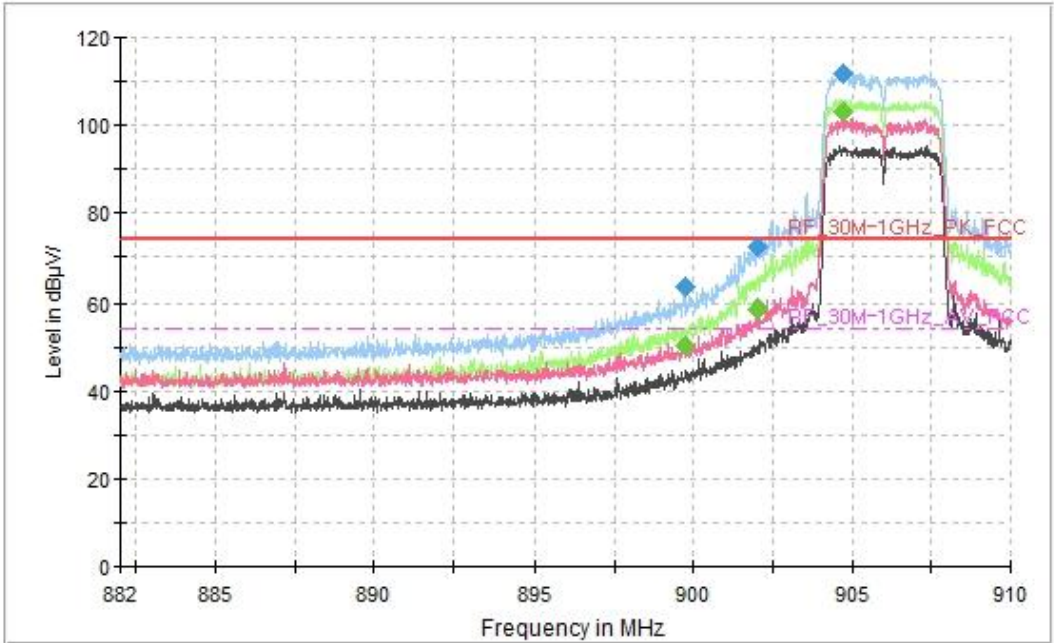
Note)

1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
5. \* - indicates frequency in Restricted Band.
6. # - indicates Fundamental Results



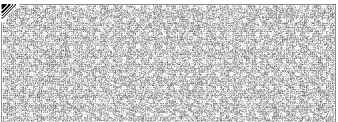
KIEL2504-YW03876

Band Edge \_802.11ah(4M)\_906 MHz(CH1)\_ANT B



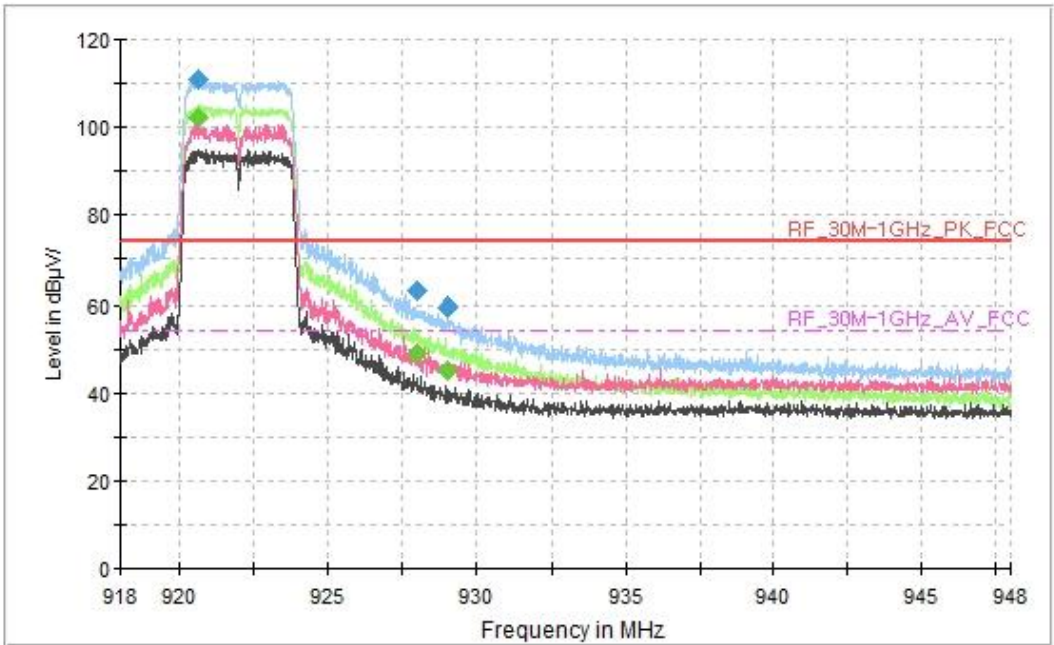
|   | Frequency [MHz] | Peak Reading [dBuV] | Peak Result [dBuV/m] | AVG Reading [dBuV] | AVG Result [dBuV/m] | DCCF [dB] | Height [cm] | Pol | Azimuth [deg] | Corr. [dB/m] | Peak Margin [dB] | Peak Limit [dBuV/m] | AVG Margin [dB] | AVG Limit [dBuV/m] |
|---|-----------------|---------------------|----------------------|--------------------|---------------------|-----------|-------------|-----|---------------|--------------|------------------|---------------------|-----------------|--------------------|
|   | 899.740         | 46.91               | 63.21                | -                  | -                   | -         | 1.00        | H   | 0.0           | 16.30        | 28.55            | 91.76               | -               | -                  |
|   | 902.000         | 56.17               | 72.47                | -                  | -                   | -         | 1.00        | H   | 342.0         | 16.30        | 19.29            | 91.76               | -               | -                  |
| # | 904.696         | 95.46               | 111.76               | -                  | -                   | -         | 1.00        | H   | 0.0           | 16.30        | -                | -                   | -               | -                  |

- Note)
- 1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
  - 2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB  
Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
  - 3. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
  - 4. \* - indicates frequency in Restricted Band.
  - 5. # - indicates Fundamental Results



KIEL2504-YW03876

Band Edge \_802.11ah(4M)\_922 MHz(CH5)\_ANT B



|   | Frequency<br>[MHz] | Peak<br>Reading<br>[dBuV] | Peak<br>Result<br>[dBuV/m] | AVG<br>Reading<br>[dBuV] | AVG<br>Result<br>[dBuV/m] | DCCF<br>[dB] | Height<br>[cm] | Pol | Azimuth<br>[deg] | Corr.<br>[dB/m] | Peak<br>Margin<br>[dB] | Peak<br>Limit<br>[dBuV/m] | AVG<br>Margin<br>[dB] | AVG<br>Limit<br>[dBuV/m] |
|---|--------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------|----------------|-----|------------------|-----------------|------------------------|---------------------------|-----------------------|--------------------------|
| # | 920.642            | 94.20                     | 110.70                     | -                        | -                         | -            | 1.00           | H   | 357.0            | 16.50           | -                      | -                         | -                     | -                        |
|   | 928.000            | 46.27                     | 62.77                      | -                        | -                         | -            | 1.00           | H   | 354.0            | 16.50           | 27.93                  | 90.70                     | -                     | -                        |
|   | 929.056            | 42.77                     | 59.27                      | -                        | -                         | -            | 1.00           | H   | 174.0            | 16.50           | 31.43                  | 90.70                     | -                     | -                        |

Note)

- 1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
- 2. Peak Limit(dBuV/m)=Fundamental Peak Result(dBuV/m)-20 dB
- 3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
- 4. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
- 5. \* - indicates frequency in Restricted Band.
- 6. # - indicates Fundamental Results

- END of report -

