

# **Radiated Emissions Data - FCCID PLGMCS001**

| <b>Freq</b> | <b>Pol</b> | <b>Detector</b> | <b>RBW</b> | <b>VBW</b> | <b>Vmeas</b> | <b>AF</b>    | <b>Amp</b> | <b>Cable</b> | <b>Field</b>  | <b>Dist</b> | <b>Limit</b>  | <b>Dev</b> |
|-------------|------------|-----------------|------------|------------|--------------|--------------|------------|--------------|---------------|-------------|---------------|------------|
| <b>MHz</b>  | <b>H/V</b> |                 | <b>kHz</b> | <b>kHz</b> | <b>dBuV</b>  | <b>dB1/m</b> | <b>dB</b>  | <b>dB</b>    | <b>dBuV/m</b> | <b>dB</b>   | <b>dBuV/m</b> | <b>dB</b>  |
| 30          | H          | Peak            | 120        | 300        | 40           | 19           | 35         | 1            | 25            | 0           | 40            | -15        |
| 30          | V          | Peak            | 120        | 300        | 39           | 19           | 35         | 1            | 24            | 0           | 40            | -16        |
| 35          | H          | Peak            | 120        | 300        | 48           | 18.2         | 35         | 1            | 32.2          | 0           | 40            | -7.8       |
| 35          | V          | Peak            | 120        | 300        | 50           | 18.2         | 35         | 1            | 34.2          | 0           | 40            | -5.8       |
| 40          | H          | Peak            | 120        | 300        | 44           | 18.3         | 35         | 1            | 28.3          | 0           | 40            | -11.7      |
| 40          | V          | Peak            | 120        | 300        | 46           | 18.3         | 35         | 1            | 30.3          | 0           | 40            | -9.7       |
| 45          | H          | Peak            | 120        | 300        | 45           | 17.8         | 35         | 1            | 28.8          | 0           | 40            | -11.2      |
| 45          | V          | Peak            | 120        | 300        | 46           | 17.8         | 35         | 1            | 29.8          | 0           | 40            | -10.2      |
| 50          | H          | Peak            | 120        | 300        | 39           | 15.6         | 35         | 2            | 21.6          | 0           | 40            | -18.4      |
| 50          | V          | Peak            | 120        | 300        | 40           | 15.6         | 35         | 2            | 22.6          | 0           | 40            | -17.4      |
| 60          | H          | Peak            | 120        | 300        | 50           | 11           | 35         | 2            | 28            | 0           | 40            | -12        |
| 60          | V          | Peak            | 120        | 300        | 47           | 11           | 35         | 2            | 25            | 0           | 40            | -15        |
| 70          | H          | Peak            | 120        | 300        | 53           | 8            | 35         | 2            | 28            | 0           | 40            | -12        |
| 70          | V          | Peak            | 120        | 300        | 51           | 8            | 35         | 2            | 26            | 0           | 40            | -14        |
| 80          | H          | Peak            | 120        | 300        | 52           | 9.8          | 35         | 2            | 28.8          | 0           | 40            | -11.2      |
| 80          | V          | Peak            | 120        | 300        | 44           | 9.8          | 35         | 2            | 20.8          | 0           | 40            | -19.2      |
| 90          | H          | Peak            | 120        | 300        | 45           | 10.9         | 35         | 2            | 22.9          | 0           | 43.5          | -20.6      |
| 90          | V          | Peak            | 120        | 300        | 41           | 10.9         | 35         | 2            | 18.9          | 0           | 43.5          | -24.6      |
| 100         | H          | Peak            | 120        | 300        | 43.5         | 12.5         | 35         | 3            | 24            | 0           | 43.5          | -19.5      |

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|-------------|------------|-----------------|------------|------------|--------------|--------------|------------|--------------|---------------|-------------|---------------|------------|
| <b>MHz</b>  | <b>H/V</b> |                 | <b>kHz</b> | <b>kHz</b> | <b>dBuV</b>  | <b>dB1/m</b> | <b>dB</b>  | <b>dB</b>    | <b>dBuV/m</b> | <b>dB</b>   | <b>dBuV/m</b> | <b>dB</b>  |
| 100         | V          | Peak            | 120        | 300        | 43           | 12.5         | 35         | 3            | 23.5          | 0           | 43.5          | -20        |
| 125         | H          | Peak            | 120        | 300        | 43.5         | 12.2         | 35         | 3            | 23.7          | 0           | 43.5          | -19.8      |
| 125         | V          | Peak            | 120        | 300        | 42           | 12.2         | 35         | 3            | 22.2          | 0           | 43.5          | -21.3      |
| 150         | H          | Peak            | 120        | 300        | 43.5         | 10.5         | 35         | 4            | 23            | 0           | 43.5          | -20.5      |
| 150         | V          | Peak            | 120        | 300        | 43           | 10.5         | 35         | 4            | 22.5          | 0           | 43.5          | -21        |
| 175         | H          | Peak            | 120        | 300        | 44           | 10.9         | 35         | 4            | 23.9          | 0           | 43.5          | -19.6      |
| 175         | V          | Peak            | 120        | 300        | 45           | 10.9         | 35         | 4            | 24.9          | 0           | 43.5          | -18.6      |
| 200         | H          | Peak            | 120        | 300        | 46           | 11.3         | 35         | 4            | 26.3          | 0           | 43.5          | -17.2      |
| 200         | V          | Peak            | 120        | 300        | 43           | 11.3         | 35         | 4            | 23.3          | 0           | 43.5          | -20.2      |
| 250         | H          | Peak            | 120        | 300        | 38           | 13.4         | 35         | 4            | 20.4          | 0           | 46            | -25.6      |
| 250         | V          | Peak            | 120        | 300        | 39           | 13.4         | 35         | 4            | 21.4          | 0           | 46            | -24.6      |
| 300         | H          | Peak            | 120        | 300        | 41           | 15.1         | 35         | 4            | 25.1          | 0           | 46            | -20.9      |
| 300         | H          | Peak            | 120        | 300        | 41           | 15.1         | 35         | 4            | 25.1          | 0           | 46            | -20.9      |
| 315         | H          | Peak            | 120        | 300        | 88           | 15.1         | 35         | 4            | 72.1          | 0           | 74            | -1.9       |
| 315         | H          | Peak            | 120        | 300        | 89           | 15.1         | 35         | 4            | 73.1          | 0           | 74            | -0.9       |
| 400         | H          | Peak            | 120        | 300        | 43           | 16.5         | 35         | 4.5          | 29            | 0           | 46            | -17        |
| 400         | V          | Peak            | 120        | 300        | 42           | 16.5         | 35         | 4.5          | 28            | 0           | 46            | -18        |
| 500         | H          | Peak            | 120        | 300        | 46           | 18.2         | 35         | 5            | 34.2          | 0           | 46            | -11.8      |
| 500         | V          | Peak            | 120        | 300        | 45           | 18.2         | 35         | 5            | 33.2          | 0           | 46            | -12.8      |

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|-------------|------------|-----------------|------------|------------|--------------|--------------|------------|--------------|---------------|-------------|---------------|------------|
| <b>MHz</b>  | <b>H/V</b> |                 | <b>kHz</b> | <b>kHz</b> | <b>dBuV</b>  | <b>dB1/m</b> | <b>dB</b>  | <b>dB</b>    | <b>dBuV/m</b> | <b>dB</b>   | <b>dBuV/m</b> | <b>dB</b>  |
| 600         | H          | Peak            | 120        | 300        | 40           | 19.7         | 35         | 5            | 29.7          | 0           | 46            | -16.3      |
| 600         | V          | Peak            | 120        | 300        | 43           | 19.7         | 35         | 5            | 32.7          | 0           | 46            | -13.3      |
| 630         | H          | Peak            | 120        | 300        | 44           | 19.7         | 35         | 5            | 33.7          | 0           | 46            | -12.3      |
| 630         | V          | Peak            | 120        | 300        | 43           | 19.7         | 35         | 5            | 32.7          | 0           | 46            | -13.3      |
| 700         | H          | Peak            | 120        | 300        | 44           | 20.2         | 35         | 5.5          | 34.7          | 0           | 46            | -11.3      |
| 700         | V          | Peak            | 120        | 300        | 43           | 20.2         | 35         | 5.5          | 33.7          | 0           | 46            | -12.3      |
| 800         | H          | Peak            | 120        | 300        | 38           | 21.5         | 34         | 6            | 31.5          | 0           | 46            | -14.5      |
| 800         | V          | Peak            | 120        | 300        | 39           | 21.5         | 34         | 6            | 32.5          | 0           | 46            | -13.5      |
| 900         | H          | Peak            | 120        | 300        | 38           | 22.4         | 34         | 6            | 32.4          | 0           | 46            | -13.6      |
| 900         | V          | Peak            | 120        | 300        | 39           | 22.4         | 34         | 6            | 33.4          | 0           | 46            | -12.6      |
| 945         | H          | Peak            | 120        | 300        | 44           | 22.4         | 34         | 6            | 38.4          | 0           | 46            | -7.6       |
| 945         | V          | Peak            | 120        | 300        | 43           | 22.4         | 34         | 6            | 37.4          | 0           | 46            | -8.6       |
| 959         | H          | Peak            | 120        | 300        | 37           | 22.4         | 33         | 7            | 33.4          | 0           | 46            | -12.6      |
| 959         | V          | Peak            | 120        | 300        | 39           | 22.4         | 33         | 7            | 35.4          | 0           | 46            | -10.6      |
| 960         | H          | Peak            | 120        | 300        | 38           | 22.4         | 33         | 7            | 34.4          | 0           | 46            | -11.6      |
| 960         | V          | Peak            | 120        | 300        | 37           | 22.4         | 33         | 7            | 33.4          | 0           | 46            | -12.6      |
| 1000        | H          | Peak            | 1000       | 1000       | 30           | 24.2         | 9          | 1            | 46.2          | 0           | 54            | -7.8       |
| 1000        | V          | Peak            | 1000       | 1000       | 31           | 24.2         | 9          | 1            | 47.2          | 0           | 54            | -6.8       |
| 1260        | H          | Peak            | 1000       | 1000       | 33           | 24.2         | 10         | 1.3          | 48.5          | 0           | 54            | -5.5       |

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|-------------|------------|-----------------|------------|------------|--------------|--------------|------------|--------------|---------------|-------------|---------------|------------|
| <b>MHz</b>  | <b>H/V</b> |                 | <b>kHz</b> | <b>kHz</b> | <b>dBuV</b>  | <b>dB1/m</b> | <b>dB</b>  | <b>dB</b>    | <b>dBuV/m</b> | <b>dB</b>   | <b>dBuV/m</b> | <b>dB</b>  |
| 1260        | V          | Peak            | 1000       | 1000       | 34           | 24.2         | 10         | 1.3          | 49.5          | 0           | 54            | -4.5       |
| 1575        | H          | Peak            | 1000       | 1000       | 31           | 24.2         | 10         | 1.5          | 46.7          | 0           | 54            | -7.3       |
| 1575        | V          | Peak            | 1000       | 1000       | 30           | 24.2         | 10         | 1.5          | 45.7          | 0           | 54            | -8.3       |
| 1890        | H          | Peak            | 1000       | 1000       | 31           | 26.8         | 9.6        | 1.5          | 49.7          | 0           | 54            | -4.3       |
| 1890        | V          | Peak            | 1000       | 1000       | 31           | 26.8         | 9.6        | 1.5          | 49.7          | 0           | 54            | -4.3       |
| 2205        | H          | Peak            | 1000       | 1000       | 32           | 26.8         | 9.3        | 1.5          | 51            | 10          | 54            | -13        |
| 2205        | V          | Peak            | 1000       | 1000       | 30           | 26.8         | 9.3        | 1.5          | 49            | 10          | 54            | -15        |
| 2520        | H          | Peak            | 1000       | 1000       | 29           | 26.8         | 9          | 1.5          | 48.3          | 10          | 54            | -15.7      |
| 2520        | V          | Peak            | 1000       | 1000       | 30           | 26.8         | 9          | 1.5          | 49.3          | 10          | 54            | -14.7      |
| 2835        | H          | Peak            | 1000       | 1000       | 28           | 30.1         | 9          | 1.8          | 50.9          | 10          | 54            | -13.1      |
| 2835        | H          | Peak            | 1000       | 1000       | 27           | 30.1         | 9          | 1.8          | 49.9          | 10          | 54            | -14.1      |
| 3150        | H          | Peak            | 1000       | 1000       | 28           | 31.2         | 9          | 2.5          | 52.7          | 10          | 54            | -11.3      |
| 3150        | H          | Peak            | 1000       | 1000       | 27           | 31.2         | 9          | 2.5          | 51.7          | 10          | 54            | -12.3      |