FCC ID: OGSADB512

# Description of Permissive Change

The application is prepared for FCC class II permissive change. The differences with the original application is adding one series model: ADB522, the difference from the original model (ADB512) is updating receiver circuit for signal conditioning for decoding.

Also, antenna gain for model ANT-915CPS revised to show two decimal places for consistency to antenna specifications. There are no hardware changes to the antenna and the original data remains compliant (Power density calculation was revised due to antenna gain update).

4. The following antennas were provided to the EUT.

| No. | Antenna type | Connector | | Brand | Model | Gain (dBi) |
|---|---|---|---|---|---|---|
| | | Module Side | Ant. Side | | | |
| 1 | Patch | MMCX | TNC, RP | AWID | ANT-915CPS | **5.84** |
| 2 | | MMCX | TNC, RP | | ANT-915-CC-05 | 4.70 |
| 3 | | MMCX | SMA, RP | | ANT-915-CP-R | 5.50 |
| 4 | | MMCX | SMA, RP | | ANT-2012 | 5.40 |

| Frequency Band (MHz) | Max AV Power (dBm) | Max Tune-up Power (dBm) | Antenna Gain (dBi) | Distance (cm) | Power Density ($mW/cm^2$) | Limit ($mW/cm^2$) |
|---|---|---|---|---|---|---|
| 902.6-927.4 | 29.35 | 30.00 | 5.84 | 23 | 0.577 | 0.601 |

Both devices, original and updated versions, are electrically identical in all aspects except the abovementioned.

Regards,

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