

APP RADIO PACKETS:

Config Request Radio Packet

+ uint8_t: CMD
+ uint8_t: Seassion ID

CMD = 0x20

Size = 2 b

Join Reply Radio Packet

+ uint8_t: CMD
+ uint8_t: Seassion ID

+ uint8_t: Result
+ uint8_t: BW
+ uint8_t: SF
+ uint8_t: CR
+ uint16_t: Join Interval
+ uint8_t: App Mode

CMD = 0x01

Size = 9 b

Config Reply Radio Packet

+ uint8_t: CMD
+ uint8_t: Seassion ID

+ uint16_t: Statusinfo Interval
+ uint16_t: Statusinfo Listen Interval
+ uint8_t: Temp Averaging Num
+ uint8_t: ADC Sampling Time
+ uint8_t: ADC Divider
+ uint8_t: FFT Samples Num
+ uint8_t: FFT Peaks Num
+ uint16_t: DSP Threshold Voltage
+ uint8_t: DSP Kurtosis Trimmed S.
+ uint8_t: DSP RMS AC
+ uint8_t: DSP RMS Averaging Num

CMD = 0x02

Size = 18 b

Statusinfo Radio Packet

+ uint8_t: CMD
+ uint8_t: Seassion ID
+ uint8_t: Battery
+ uint16_t: Temperature
+ uint16_t: Rms
+ uint16_t: Vpp
+ float32_t: Kurtosis Ratio
+ uint16_t: Ringdown Counts
+ uint16_t: Rise Time
+ uint16_t: Threshold duration
+ uint8_t: fftPeaksNum
+ uint16_t []: fftPeakIndexes
+ float32_t []: fftPeaksValues

CMD = 0x30

Size = 26-80 b

Restart Radio Packet

+ uint8_t: CMD
+ uint8_t: Seassion ID
+ uint8_t: Reset Config

CMD = 0x20

Size = 3 b

Join Request Radio Packet

+ uint8_t: CMD
+ uint8_t: Seassion ID
+ uint32_t: Unique ID
+ uint32_t: Time
+ uint8_t: FwVersion

CMD = 0x10

Seassion ID = 0x00

Size = 11 b