

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 Interva

+ 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 Nur

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