

IONOS SIM HF/VHF Simulator Release Notes

Revision .9.18 6/1/2020

IDE Arduino 1.8.12
Board: Teensy 4.0
USB Type: Serial
CPU Speed: 600 MHz
Optimize: FASTEST
Keyboard: US English
Programmer: AVRISP mkII

Libraries:
Audio.h
Wire.h
SPI.h
Bounce2.h
Encoder2.h
ILI9341_t3.h Adafruit ILI9341 TFT Displays

Programmer: Rick Muething, KN6KB, Winlink Development Team
rmuething@cfl.rr.com or rickmuething@gmail.com

Beta Release Notes: Version .9.18

All functions operational as described in Publish IONOS SIM specification.
Added empirical gain adjustments to balance level for WGN, and Multipath Modes 2,3, 4
Paths
Investigating MPP throughput with Pactor 4. P4 throughput on MPP appears worse than
with other simulator.
Includes unique 8 Hex digit serial number shown during power on revision Splash screen.
Memory Usage: 156912 bytes (7%) program storage space
Global variables use 193201 bytes (36%) of dynamic memory
32 Teensy Audio “components” used. Teensy Audio 16 bit, 44100 Hz sample rate.
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