

TangerineSDR Documents

TangerineSDR Document Name	Principal Author	Revision	Date
Requirements - TangerineSDR System	Scotty Cowling, WA2DFI	0.4	15 July 2019
Requirements - TangerineSDR Clock Module	Tom McDermott, N5EG		
ICD - TangerineSDR Clock Module	Tom McDermott, N5EG	0.1	10 July 2019
Requirements - TangerineSDR RF Module	Tom McDermott, N5EG		
ICD - TangerineSDR RF Module	Scotty Cowling, WA2DFI		
Requirements - TangerineSDR Data Engine (DE)			
ICD - TangerineSDR Data Engine (DE)	Scotty Cowling, WA2DFI		
Hardware Specification - TangerineSDR Data Engine (DE) MAX10	Scotty Cowling, WA2DFI	0.3	6 June 2019
Protocol - TangerineSDR Local Command and Control (LCC)	Scotty Cowling, WA2DFI		
Protocol - TangerineSDR Remote Command and Control (RCC)	Bill Engelke, AB4EJ		

Requirements Documents

Requirements documents define the functionality of all variants of the design block to which it applies. Each targeted application shall be described, along with any required functionality needed by that application. Additional requirements documents may be written for each targeted application, if necessary.

Interface Control Documents (ICD)

An interface control document defines physical size standards and connector pinouts for each connector for all variants of the design block to which it applies.

Hardware Specification Documents

A hardware specification document defines what components and connectors shall be used for the PCB assembly to which it applies.

Protocol Documents

Protocol documents describe command structure, packetization and operation of the control interfaces over Ethernet. All commands and responses are defined.

Personal Space Weather Station Documents

Targeted User Document Name	Principal Author	Revision	Date
Personal Space Weather Station (PSWS) System Specification	Tom McDermott, N5EG	0.5.1	5 June 2019
PSWS Objectives, Use Cases and Ancillary Uses	Tom McDermott, N5EG	0.2	14 May 2019
PSWS Clock Module Specification	Tom McDermott, N5EG	0.3	2 July 2019
Functional Specification – PSWS Central Control System (CCS)	Bill Engelke, AB4EJ	0.1	3 June 2019
Functional Specification – PSWS Local Host	Bill Engelke, AB4EJ	0.4	4 June 2019