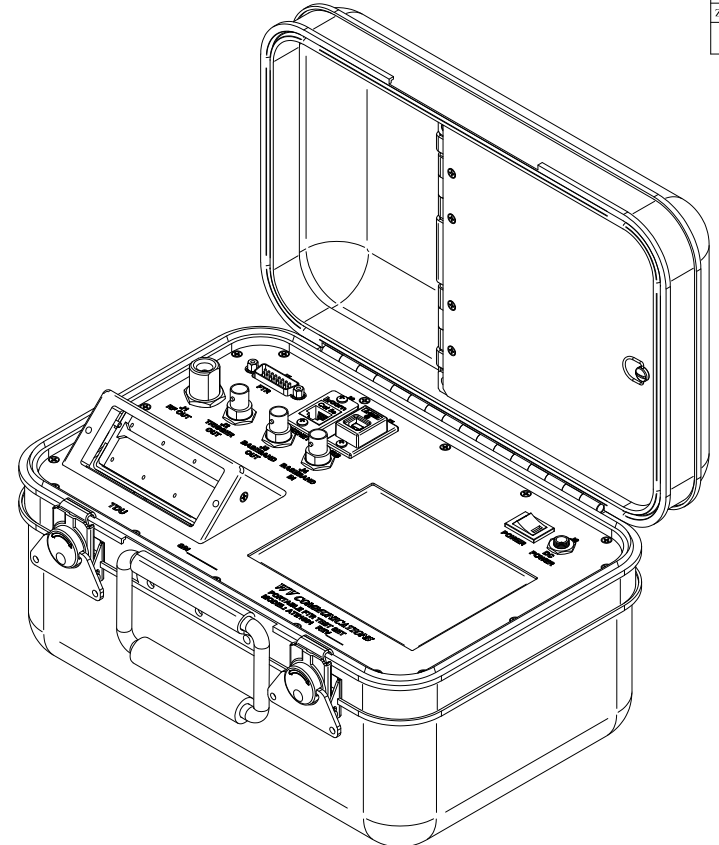
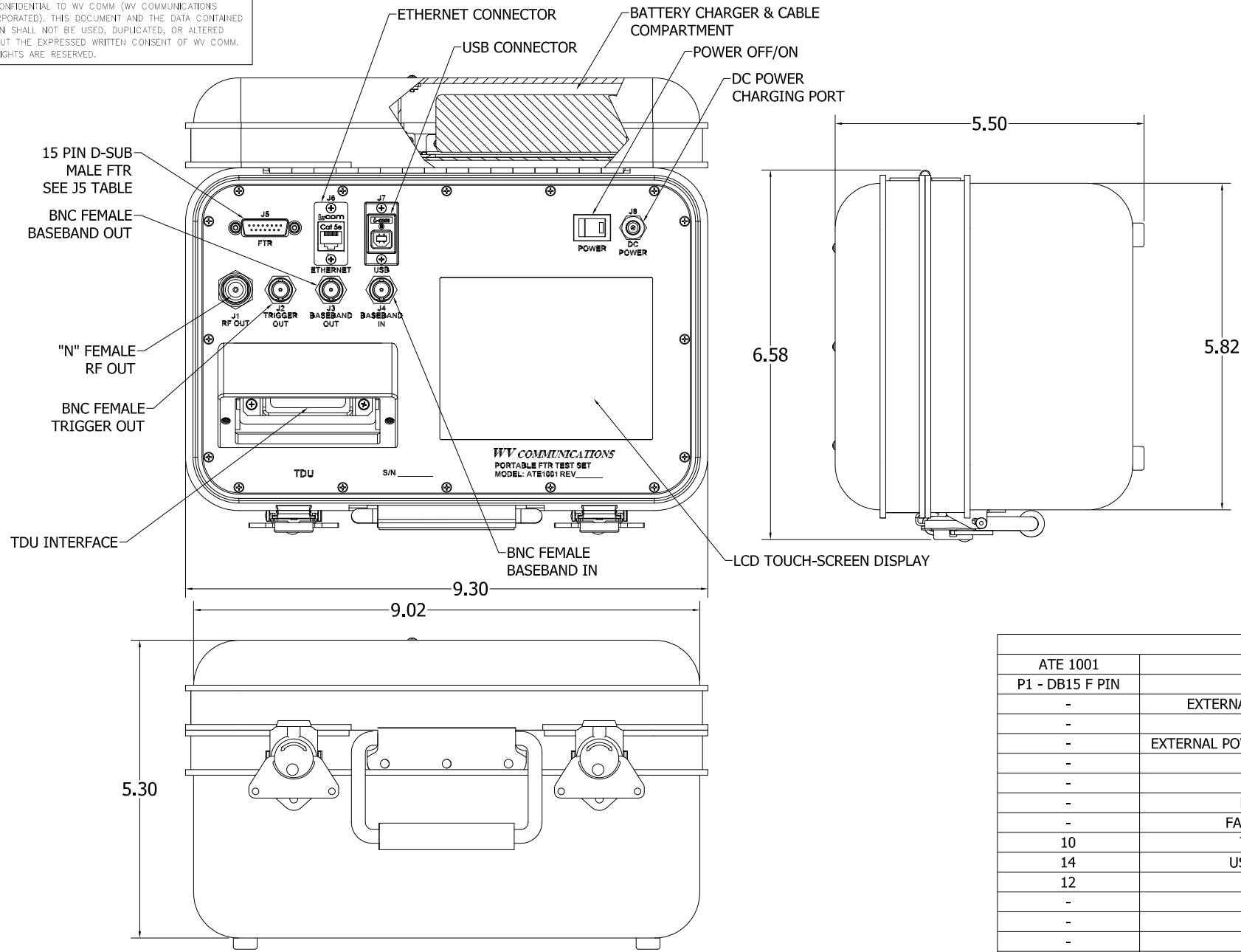


8
7
6
5
4
3
2
1
**** PROPRIETARY DATA ****
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REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	
A	RELEASED		7/6/2017 TT

D
C
B
A



- **Generates Commands**
 - IRIG Commands Pilot and tones
 - High Alphabet Commands and Pilot
 - EFTS messages
 - FSK protocols
 - External analog baseband input for special modulation
 - Frame pulse output for timing measurement
- **Reads and displays FTR status**
 - SSTO (Carrier) level
 - RSTO (EFTS state) or similar analog telemetry
 - Read up to 6 discrete FTR command outputs
 - EFTS FTR serial status information
 - EFTS FTR serial User bits
- **Configure EFTS FTR via USB port**
- **Can perform RCC-313 tests 10, 13 – 23, 26, 29, 32 – 34, 35 – 40**
- **RF output from 10 MHz to 1 GHz for susceptibility testing**
- **RF level from -127 dBm to +10 dBm for sensitivity and other RF testing**
- **Carrier frequency settable in 1 kHz steps**
- **Tone frequencies settable in 1 Hz steps**
- **Includes rechargeable battery power – up to 7 hours operation on a charge**
- **External Modulation input supports custom signals**
- **Portable case weight 10Lbs**

1 NOTE: THE IRIG INTERFACE CABLE ASSY. (CB-0068) AND THE EFTS INTERFACE CABLE ASSY. (CB-0069) ARE NECESSARY IN ORDER TO CONNECT THE FTR.

CB-0068		
ATE 1001	J5 FTR (DSUB)	FTR.
P1 - DB15 F PIN	IRIG SIGNAL NAME ¹	P2 - MDM25 M PIN
-	EXTERNAL POWER 28V+ (RED WIRE)	1
-	N/U	2
-	EXTERNAL POWER 28V+ RETURN (BLACK WIRE)	3
-	N/U	4
-	N/U	5
-	FAILSAFE ENABLE IN	6
-	FAILSAFE CROSS LINK IN	7
10	TERMINATE OUTPUT	8
14	USER DEFINED OUTPUT	9
12	OPTIONAL OUTPUT	10
-	N/U	11
-	N/U	12
-	N/U	13
-	N/U	14
2	FAILSAFE TELEMETRY OUT	15
-	N/U	16
-	N/U	17
1	SIGNAL COMMON	18
-	N/U	19
-	N/U	20
11	TONE D TELEMETRY	21
13	MONITOR OUTPUT	22
9	ARM OUTPUT	23
3	SIGNAL STRENGTH OUTPUT	24
8	SIGNAL STRENGTH RETURN	25
TBD**	SPARE	TBD**
TBD**	SPARE	TBD**

CB-0069		
ATE 1001	J5 FTR (DSUB)	FTR.
P1 - DB15 F PIN	EFTS SIGNAL NAME ¹	P2 - MDM25 M PIN
-	EXTERNAL POWER 28V+ (RED WIRE)	1
5	CONFIGURATION TX RS-232	2
-	EXTERNAL POWER 28V+ RETURN (BLACK WIRE)	3
-	N/U	4
-	N/U	5
-	FAILSAFE ENABLE IN	6
-	FAILSAFE CROSS LINK IN	7
10	TERMINATE OUTPUT	8
-	N/U	9
12	OPTIONAL OUTPUT	10
-	N/U	11
2	RCVR STATE TM OUT	12
-	N/U	13
-	N/U	14
14	FAILSAFE TELEMETRY OUT	15
11	CHECK CHANNEL OUT	16
-	N/U	17
1	SIGNAL COMMON	18
-	N/U	19
-	N/U	20
6	CONFIGURATION RX RS-232	21
13	MONITOR OUTPUT	22
9	ARM OUTPUT	23
3	SIGNAL STRENGTH OUTPUT	24
8	SIGNAL STRENGTH RETURN	25
TBD**	SPARE	TBD**
TBD**	SPARE	TBD**

DWG. NO. 050-51020
REV. A

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES HOLES
 $\pm 1/64$ $\pm .01$ $\pm 15'$ $\pm .015$

MACHINED FINISH: .32 RMS REMOVE BURRS .005 MAX MATERIAL FINISH -

900-50450 ATE1001
NEXT ASSEMBLY USED ON

APPLICATION DO NOT SCALE DRAWING

APPROVALS
DRAWN TONY T 7/6/2017
CHECKED TT 7/6/2017
MECH ENGR TT 7/6/2017
ELEC ENGR TT 7/6/2017
PRODUCTION AM 7/6/2017
Q.A. JC 7/6/2017

DATE 7/6/2017

WV Communications 1125 A Business Center Circle
Newbury Park, CA

PORTABLE FTR TEST SET
MODEL: ATE1001

SIZE D	CAGE CODE 1GFQ7	DWG. NO. 050-51020	REV A
SCALE NONE	Model No. FTR1000	SHEET 1 OF 1	