

SCHEMATICS

TABLES AND DRAWINGS

AWOS 760 TRANSMITTER**DRAWING LIST****SCHEMATICS and DRAWINGS**

TITLE	Drawing Number	Rev Ltr	DESCRIPTION	DATE	ECN	Level	Start Serial No.
AWOS 760 Main PCB	900501		AWOS 760 Main PCB Schematic	05/26/98	N/A	N/A	0000
AWOS 760 Truth Table	900502		Dip Settings for Frequency Selection	5/26/98	N/A	N/A	0000
AWOS 760 Transmitter	900503		Transmitter Board Schematic and Component Location	05/26/98	N/A	N/A	0000
AWOS 760 Exploded View	905005		AWOS 760 Exploded View VPN 803000	05/26/98	N/A	N/A	0000
AWOS 760 Main PCB	900506		AWOS 760 Main PCB Component Location	05/26/98	N/A	N/A	0000
AWOS 760 3-D View	900507		AWOS 760 3-D View VPN 803000	05/26/98	N/A	N/A	0000
AWOS 760 Transmitter Case	900509		AWOS 760 Transmitter Case VPN 501145	5/26/98	N/A	N/A	0000
AWOS 760 Fence	900510		AWOS 760 Fence VPN 501143	5/26/98	N/A	N/A	0000
AWOS 760 Cover	900511		AWOS 760 Cover VPN 501142	5/26/98	N/A	N/A	0000

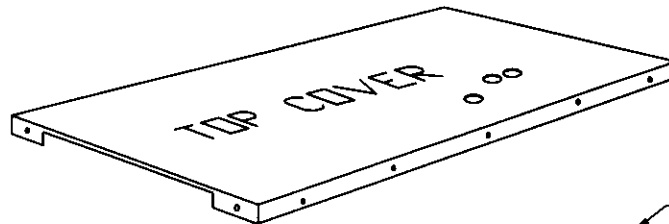
	M4	M3	M2	M1	M0
118	1	0	1	0	0
119	1	0	0	1	0
120	1	0	0	1	0
121	1	0	0	0	1
122	1	0	0	0	0
123	0	1	1	1	1
124	0	1	1	1	0
125	0	1	1	0	1
126	0	1	1	0	0
127	0	1	0	1	1
128	0	1	0	1	0
129	0	1	0	0	1
130	0	1	0	0	0
131	0	0	1	1	1
132	0	0	1	1	0
133	0	0	1	0	1
134	0	0	1	0	0
135	0	0	0	1	1
136	0	0	0	1	0

	Y5	Y4	Y3	Y2
.0	1	0	0	0
.1	1	0	0	0
.2	0	1	1	1
.3	0	1	1	0
.4	0	1	0	1
.5	0	1	0	0
.6	0	0	1	1
.7	0	0	1	0
.8	0	0	0	1
.9	0	0	0	0

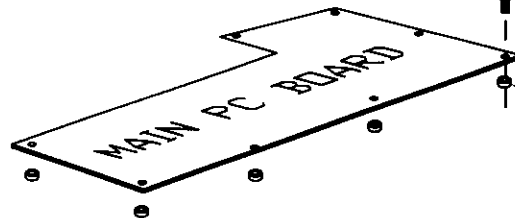
	Y1	Y0
.000	1	1
.025	1	0
.050	0	1
.075	0	0

← select
 25MHz
 50 u
 75 u
 0.100

VAL VAL Avionics, Ltd. 3290 25th Street S.E. Salem Oregon 97302-1131 USA		ECN	LEVEL
		DATE	
		05/26/98	
		FIRST S/N	0000
Description: DIP SETTINGS FOR FREQUENCY SELECTION		Material	
		N/A	
		Finish:	
		N/A	
Drawing By: J. HARR		Approved By: J. HARR	
Drawing Number: 900502		REV LTR:	
Drawing Title: AWS 760 TRUTH TABLE			
Tolerance: +/- .010"		Angles +/- 10degree	
		PAGE: 1 OF 1	



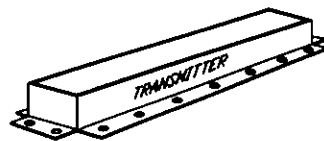
TOP COVER
VPN 501142



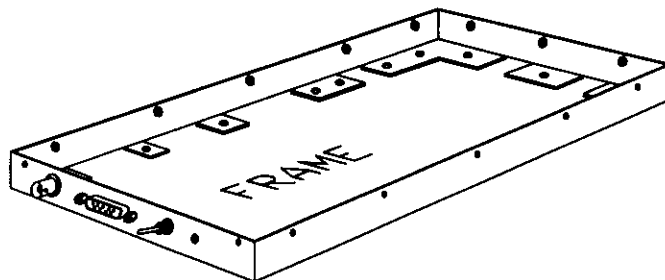
#6 ROUND HEAD SCREWS
8X

MAIN BOARD PC
VPN501149

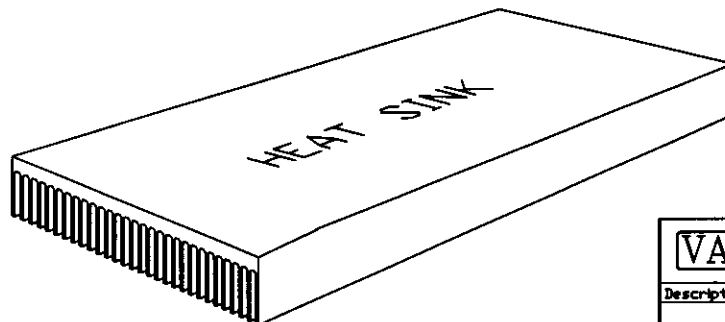
1/4" SPACER
8X



TRANSMITTER
VPN 501145



FRAME
VPN 501143



HEATSINK
VPN 501138

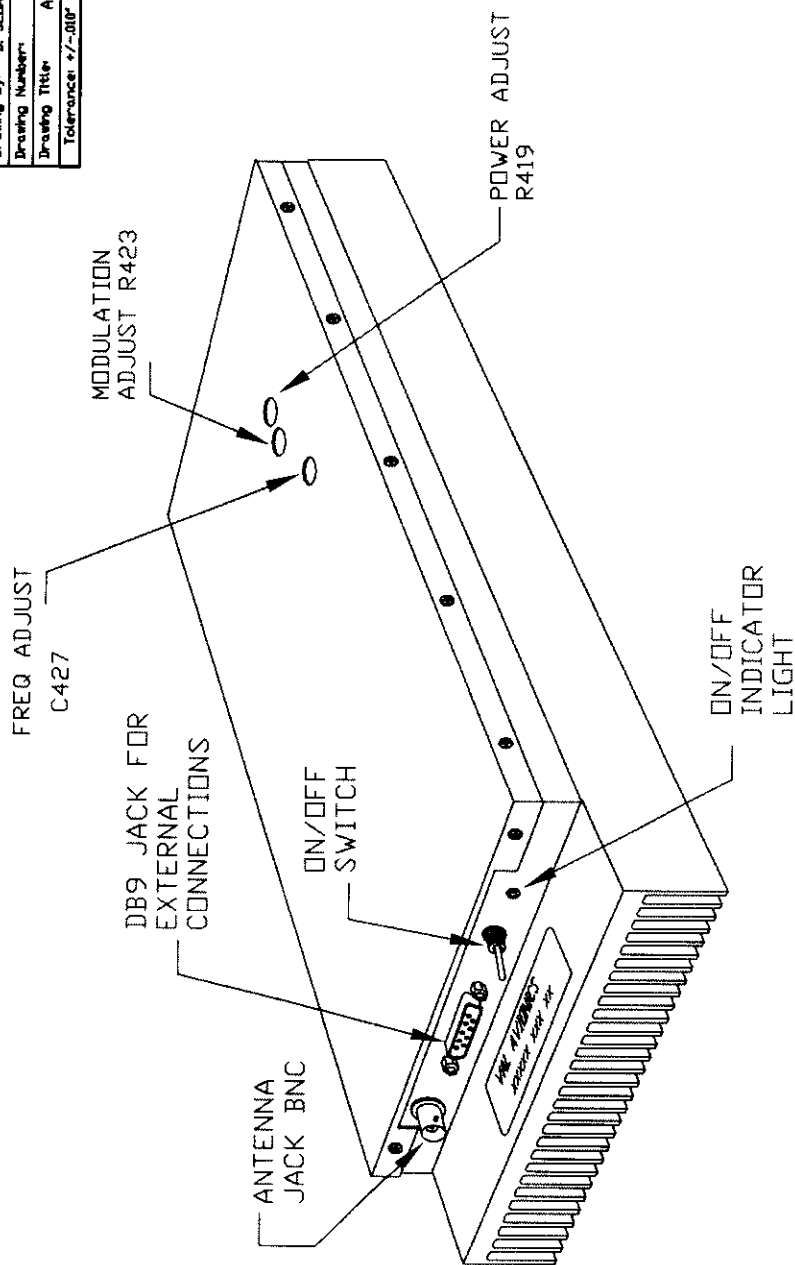
 VAL Avionics, Ltd. 3890 25th Street S.E. Salem Oregon 97302-1131 USA		ECN	LEVEL
		DATE 05/26/98	
Description AWQS 760 EXPLODED VIEW VPN 803000		FIRST S/N 0000	
		Material N/A	
		Drawing By: D. SLIDAN	
		Approved By: J. HARR	
Drawing Number: 900585		REV LTR:	
Drawing Title: AWQS 760 EXPLODED VIEW		Finish	
Tolerance: +/- .010° Angles +/- 1 Degree		PAGE: 1 OF 1	



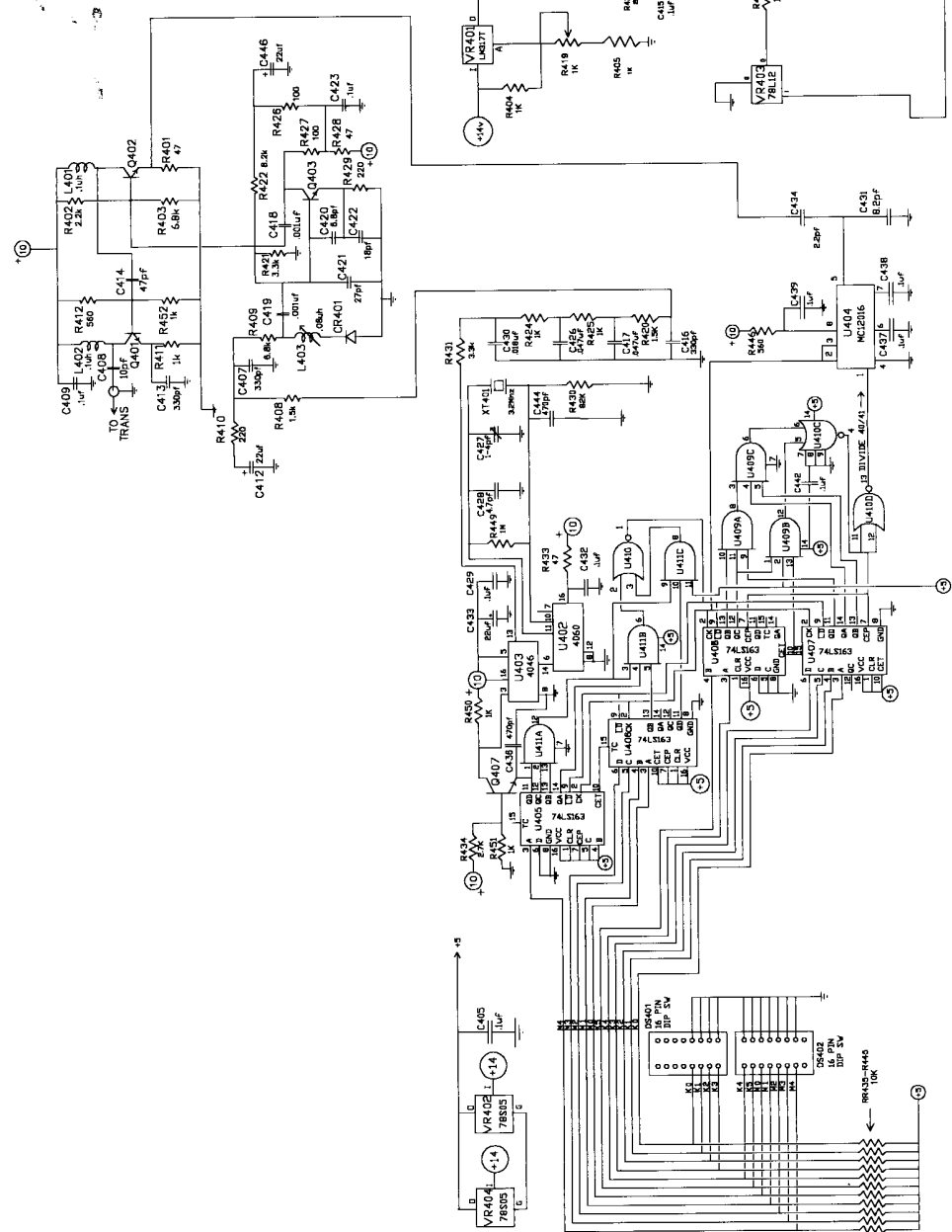
VAL Industries Ltd.
3200 20th Street SE
Salem Oregon 97202-1123 USA

ECN	LEVEL
DATE	
05/26/98	
FIRST S/N	
0000	
Material	
N/A	
Drawing By: D. SLIMAN	
Approved By: J. HARR	
Drawing Number: 900507	
REV LTR	
Drawing Title: AVDS 760 3-D VIEW	
Tolerance: +/- .010° Angles +/- 1 Degree	
Finish: N/A	
PAGE 1 OF 1	

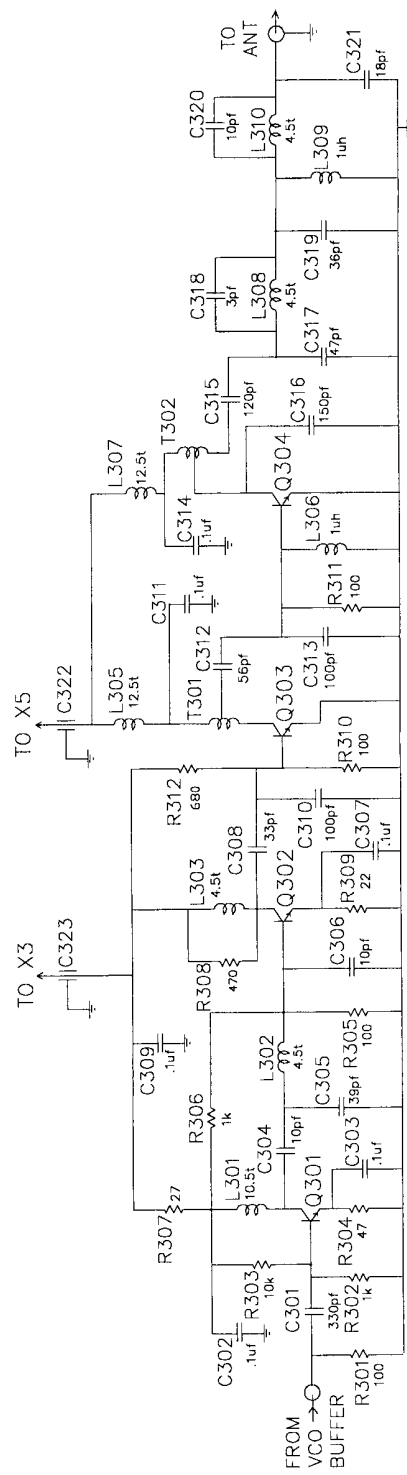
Description: AVDS 760 3-D VIEW
VPN 803000



VAL VAL Associates, Ltd Salem, Oregon 97302-1121 USA	ECN	LEVEL
	DATE	
	FIRST S/N	0000
	Material	N/A
Description: AWDS 760 MAIN PCB		
Schematic		
Drawing By: J. HARR Approved By: J. HARR		
Drawing Number: 900501 REV LTR		
Drawing Title: AWDS 760 MAIN PCB		
Tolerances: +/- .010" Angles +/- 1 Degree		
PAGE: 2 OF 3		

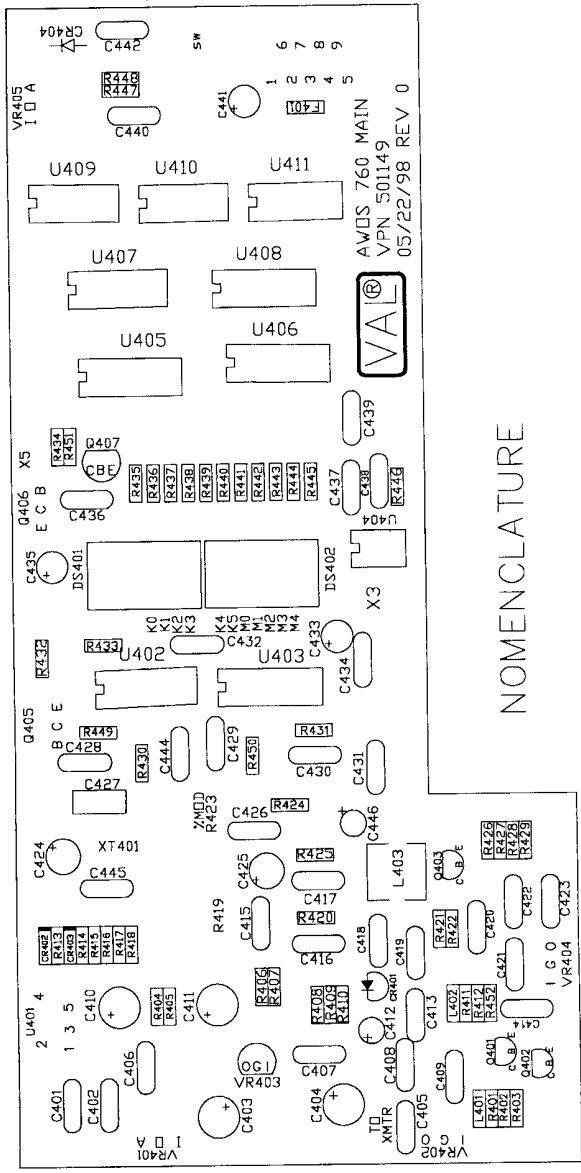


MAIN BOARD

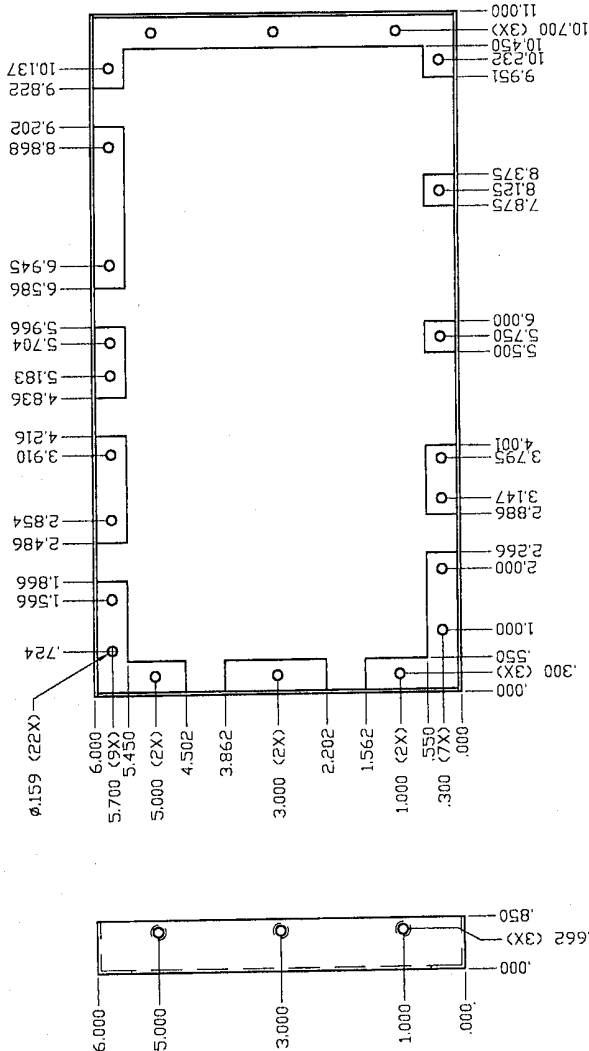
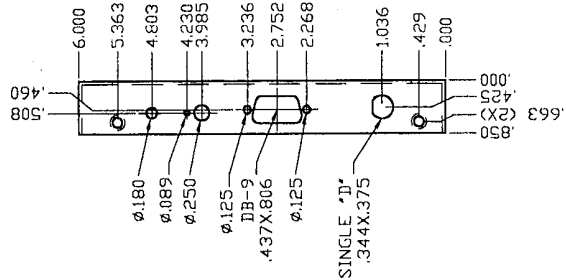
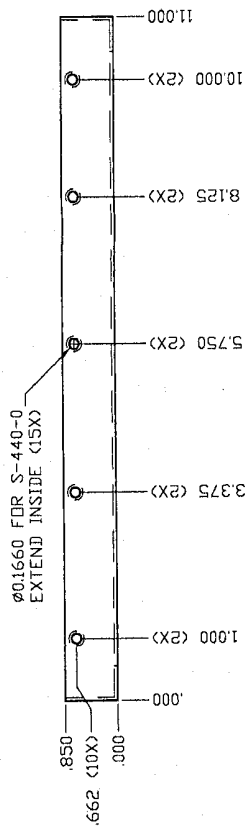


VAL VALTECH, Ltd. 10000 Valley Road Salem Oregon 97302-1131 USA	TRANSMITTER BOARD SCHEMATIC AND COMPONENT LOCATION		ECN		LEVEL
	Description		DATE		
		05/26/98		FIRST S/W	
				0000	
				Material	
				N/A	
Drawing By: J. HARR		Approved By: J. HARR		Finish:	
Drawing Number: 900503		REV LTR:		N/A	
Drawing Title: WDS 760 TRANSMITTER SCHEMATIC					
Tolerance: +/- .010° Angles +/- .1 Degree					
PAGE 2 OF 2					

	VAL America, Ltd. 3880 Capital Circle, SE Salem, Oregon 97302-1131 USA		ECN	LEVEL
	Description: AWD5 760 MAIN PCB COMPONENT LOCATION		DATE	05/26/98
			FIRST S/N	0000
			SCALE	1:1
			Material	N/A
Drawing By: J. HARR		Approved By: J. HARR	Finish	✓
Drawing Number: 900506		REV LTR		
Drawing Title: AWD5 760 MAIN PCB				
Tolerance: +/- .010° Angles +/- .1 Degree			PAGE: 2	DF2



VAL		VAL Associates, Ltd. 2000 Salem Oregon 97302-1131 USA		ECN	LEVEL
Description: AWS 760 FENCE VPN 501143		DATE 05/26/98		FIRST S/N 0000	
Material 1050 ALUM		SCALE: 1/2"		Finish 220 GRIT GOLD ANODIZE	
Drawing By: J. HARR		Approved By: J. HARR		Tolerance: +/- .001" Angles +/- .1 Degree	
Drawing Number: 900510		REV LTR		PAGE: 1 OF 1	
Drawing Title: AWS 760 FENCE					



VAL		VAL Engineering, Ltd. 2200 S.W. Jefferson Way Salem, Oregon 97302-1131 USA	
ECN	LEVEL		
Description		AWDS 760 COVER VPN 501142	
DATE		05/26/98	
FIRST S/N		0000	
SCALE		1:2	
Material		6061 ALUM	
Drawing By		J. HARR	
Approved By		J. HARR	
Drawing Number		900511	
REV LTR			
Drawing Title		AWDS 760 COVER	
Tolerance		±.010° Angles ±.1Degree	
Finish		220 GRIT GILD ANODIZE	
PAGE		1 OF 1	

