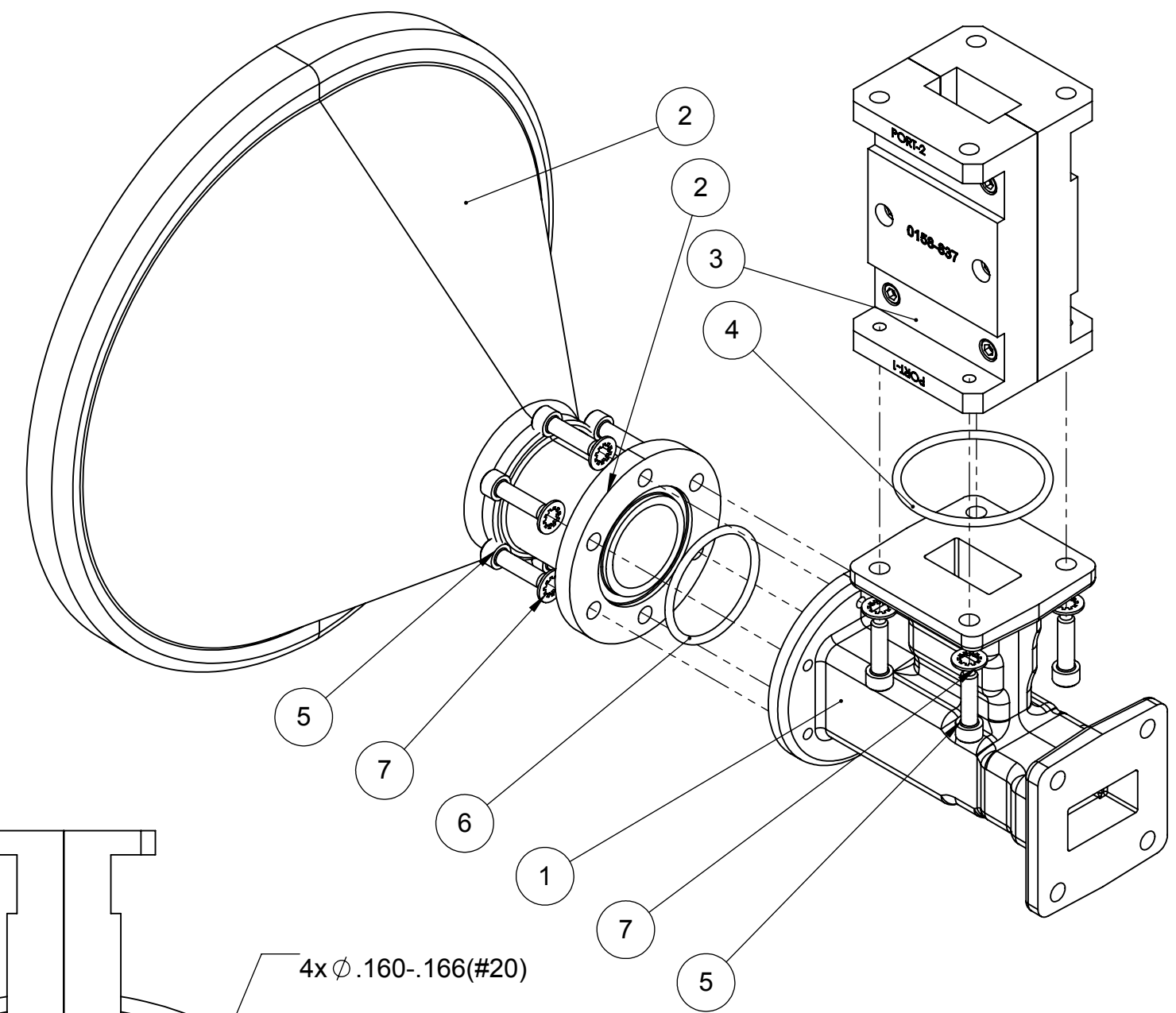
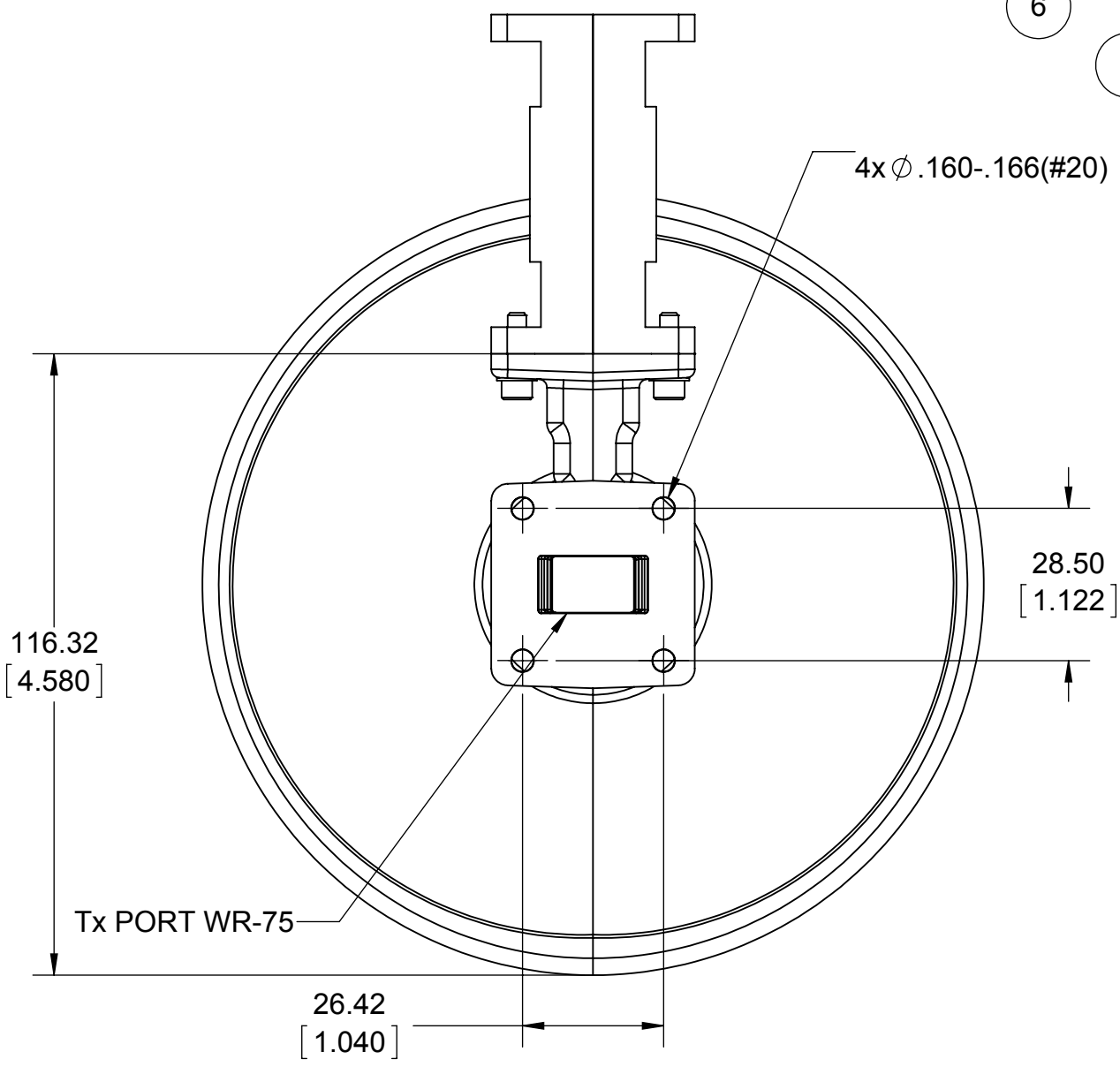
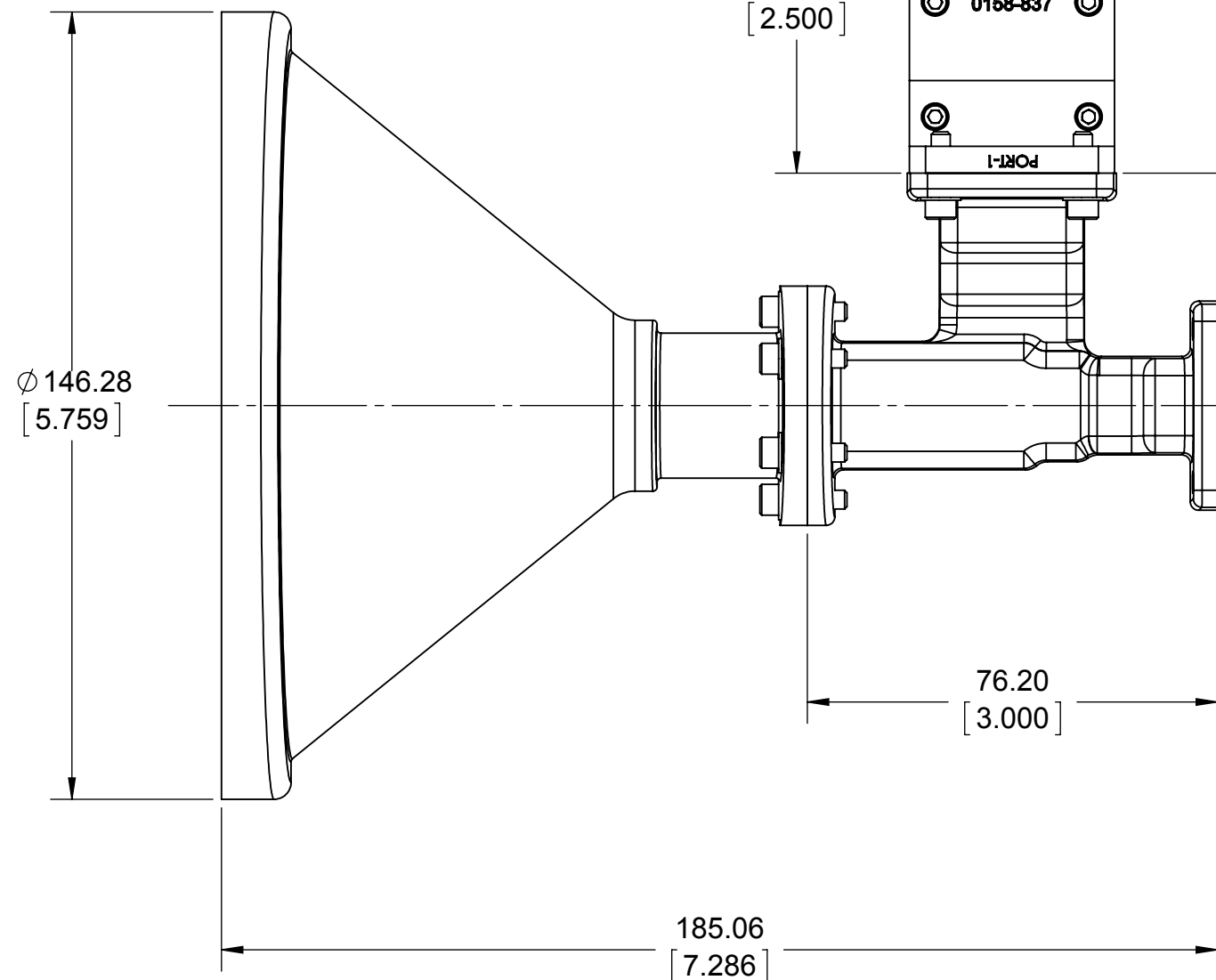
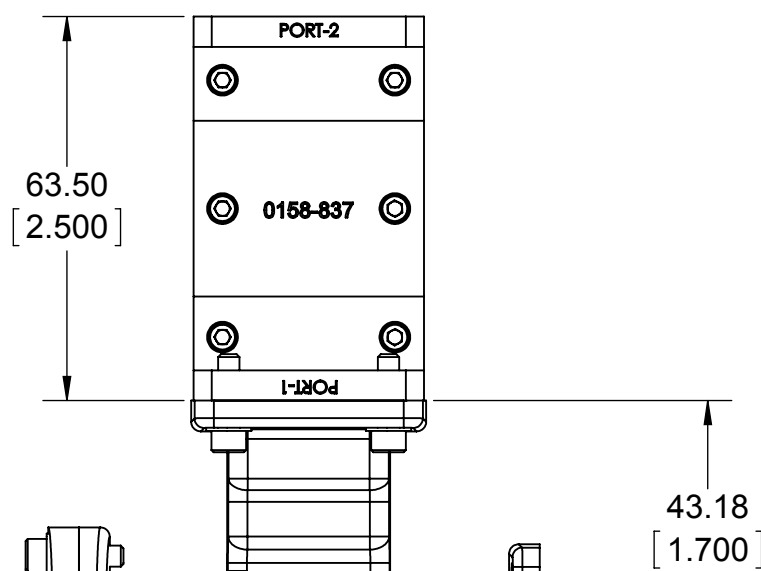
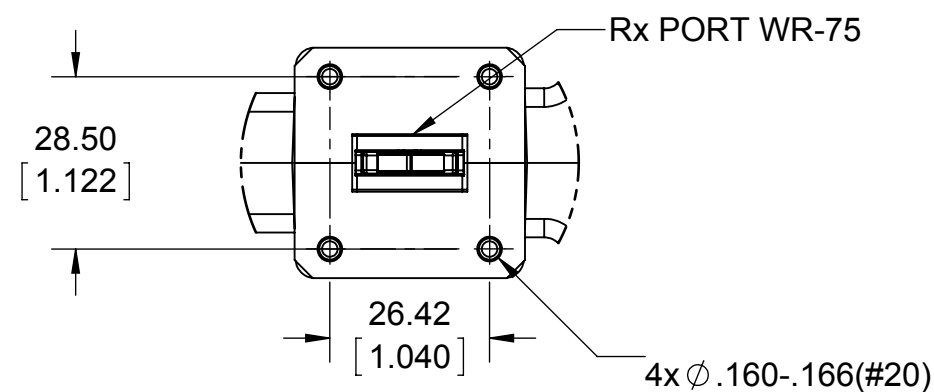


**SPECIFICATIONS:-**

<b>FREQUENCY</b>	<b>Rx</b>	<b>10.70-11.70 GHz</b>
	<b>Tx</b>	<b>12.75-14.50 GHz</b>
<b>PORT TO PORT ISOLATION</b>	<b>Rx</b>	<b>35 dB MIN.</b>
	<b>Tx</b>	<b>65 dB MIN.</b>
<b>INSERTION LOSS</b>	<b>Rx</b>	<b>0.4 dB MAX.</b>
	<b>Tx</b>	<b>0.2 dB MAX.</b>
<b>RETURN LOSS</b>	<b>Rx</b>	<b>15 dB MAX.</b>
	<b>Tx</b>	<b>17.70 dB MAX.</b>
<b>CROSS-POL ISOLATION</b>	<b>Rx</b>	<b>&gt; 30 dB</b>
	<b>Tx</b>	<b>&gt; 30 dB</b>
<b>VSWR</b>	<b>Rx</b>	<b>1.43:1</b>
	<b>Tx</b>	<b>1.3:1</b>
<b>F/D RATIO</b>		<b>0.8</b>
<b>POWER</b>		<b>1 KW CW</b>
<b>PORT</b>		<b>2</b>

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	RELEASED FOR TESTING	2/25/2014	RF



7	8200-010	LW #6 INTERNAL TOOTH SS	10
6	0198-120	O RING .926 ID X .067	1
5	8300-002	SCR SHCS #6-32 X .50 SS	10
4	0198-121	O-RING, 1.176ID X .070	1
3	0183-1337	Assy,Ku-Band TRF	1
2	4080-063	CSTG 39 DEG FD HORN MACHINED	1
1	4080-259	CSTG KU-BND OMT BROADBND RX	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.



TITLE  
**ASSY, LOW FREQ. Ku BAND FEED**

MATERIAL	SEE NOTE	FINISH	SEE NOTE
NEXT ASS'Y		CODE IDENT. NO.	94661
DRAWN	02/25/2014 BY SS	0183-5054	REV. A
CHECKED	02/25/2014 BY RF		
ENGR.	02/25/2014 BY RF		
MFG APVD	BY	SCALE	0.8:1 SH. 1 OF 1

DIMENSIONS ARE IN MILLIMETERS. UNLESS OTHERWISE NOTED. TOLERANCES ON FINISHED DIMENSIONS ARE AS FOLLOWS:  
X = 2.0 X.XX = 0.3  
X.X = 1.0 ANGULAR = 1°

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3D STORED AT: C:\Users\singh\Desktop\Spec Sheet\0183-5054 revA