pc-dmis	PART NAME : 483294_A_TE1RICU001		March 25, 2013	10:11
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

483294-A
SRF 1.3GHZ
SINGLE CELL RF TEST CAVITY ASSEMBLY
RF# 95639 S/N TE1RICU-001
INSPECTOR: O. LIRA 03/25/13

⌖	MM	LOC1 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.400	0.500	0.500	196.822	0.422	0.000	
FL	0.000	0.400	0.000	0.006	0.006	0.000	
⌖	MM	LOC2 - PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.400	0.500	0.500	-196.822	-0.422	0.000	
FL	0.000	0.400	0.000	0.010	0.010	0.000	
⌖	MM	LOC3 - PLNC_SEALING_SURFACE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	195.400	0.500	0.500	195.839	0.439	0.000	
FL	0.000	0.400	0.000	0.004	0.004	0.000	
⌖	MM	LOC4 - PLNC_SEALING_SURFACE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-195.400	0.500	0.500	-195.769	-0.369	0.000	
FL	0.000	0.400	0.000	0.002	0.002	0.000	
⌖	MM	LOC5 - PLNC_BEAM_TUBE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.400	0.500	0.500	195.838	-0.562	0.062	
FL	0.000	0.400	0.000	0.005	0.005	0.000	
⌖	MM	LOC6 - PLNC_BEAM_TUBE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.400	0.500	0.500	-195.765	0.635	0.135	
FL	0.000	0.400	0.000	0.004	0.004	0.000	
⊥	MM	PERP1 - PLNC_FLANGE1 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.308	0.308	0.000	
⊥	MM	PERP2 - PLNC_FLANGE2 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.234	0.234	0.000	
//	MM	PARL1 - PLNC_FLANGE1 TO PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.391	0.391	0.000	
⌖	MM	LOC7 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	

AX	I	J	K
V	1.00000	0.00208	0.00120

⌖	MM	LOC8 - PLNC_FLANGE2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL

AX	I	J	K
V	-1.00000	0.00089	-0.00154

⌖	MM	LOC9 - PLNC_SEALING_SURFACE_F1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL

AX	I	J	K
V	1.00000	0.00207	0.00122

⌖	MM	LOC10 - PLNC_SEALING_SURFACE_F2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL

AX	I	J	K
V	-1.00000	0.00086	-0.00158

⌖	MM	LOC11 - PLNC_BEAM_TUBE_F1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL

AX	I	J	K
V	1.00000	0.00208	0.00122

⌖	MM	LOC12 - PLNC_BEAM_TUBE_F2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL

AX	I	J	K
V	-1.00000	0.00083	-0.00161

↔	MM	DIST1 - PLNC_FLANGE1 TO PLNC_FLANGE2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	393.645	0.845	0.000

↔	MM	DIST2 - PLNC_FLANGE1 TO PLNC_SEALING_SURFACE_F1 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	1.000	0.100	0.000	0.984	-0.016	0.016

↔	MM	DIST3 - PLNC_FLANGE2 TO PLNC_SEALING_SURFACE_F2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	1.000	0.100	0.000	1.053	0.053	0.000

↔	MM	DIST4 - PNT_FLANGE1_2 TO PNT_FLANGE2_2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	393.522	0.722	0.000

↔	MM	DIST5 - PNT_FLANGE1_5 TO PNT_FLANGE2_5 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	393.799	0.999	0.000

↔	MM	DIST6 - PNT_FLANGE1_8 TO PNT_FLANGE2_8 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	393.772	0.972	0.000

↔	MM	DIST7 - PNT_FLANGE1_11 TO PNT_FLANGE2_11 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	393.488	0.688	0.000

⊕	MM	LOC13 - CIR1_BT_ID1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	194.900	10.000	10.000	194.799	-0.101	0.000
Y	0.000	0.000	0.000	0.000	0.000	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
D	78.000	0.050	0.050	78.154	0.154	0.104
RN	0.000	0.050	0.000	0.368	0.368	0.318

⊕	MM	LOC14 - CIR1_BT_ID2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-194.848	10.000	10.000	-195.001	-0.153	0.000
Y	0.000	0.000	0.000	0.000	0.000	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
D	78.000	0.050	0.050	78.211	0.211	0.161
RN	0.000	0.050	0.000	0.293	0.293	0.243

⊕	MM	LOC15 - CIRC_BOLT_C_D1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	190.000	10.000	10.000	189.899	-0.101	0.000
Y	0.000	0.150	0.150	-0.091	-0.091	0.000
Z	0.000	0.150	0.150	-0.046	-0.046	0.000
D	120.000	0.150	0.150	119.984	-0.016	0.000
RN	0.000	0.150	0.000	0.024	0.024	0.000

⊕	MM	LOC16 - CIRC_BOLT_C_D2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-190.000	10.000	10.000	-190.101	-0.101	0.000
Y	0.000	0.150	0.150	0.015	0.015	0.000
Z	0.000	0.150	0.150	0.014	0.014	0.000
D	120.000	0.150	0.150	119.986	-0.014	0.000
RN	0.000	0.150	0.000	0.023	0.023	0.000

⊕	MM	LOC17 - CIRC_HALF_CELL_1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	3.000	1.000	1.000	3.019	0.019	0.000
Y	0.000	0.100	0.100	-0.025	-0.025	0.000
Z	0.000	0.100	0.100	-0.009	-0.009	0.000
D	210.300	0.050	0.000	210.910	0.610	0.560
RN	0.000	0.050	0.000	0.168	0.168	0.118

⊕	MM	LOC18 - CIRC_HALF_CELL_2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-3.000	1.000	1.000	-2.980	0.020	0.000
Y	0.000	0.100	0.100	-0.060	-0.060	0.000
Z	0.000	0.100	0.100	0.150	0.150	0.050
D	210.300	0.050	0.000	210.974	0.674	0.624
RN	0.000	0.050	0.000	0.207	0.207	0.157

⌖	MM	LOC19 - CIRC_BEAM_TUBE1_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.179	-0.179	0.079
Z	0.000	0.100	0.100	-0.161	-0.161	0.061
D	84.350	0.050	0.000	84.035	-0.315	0.315
RN	0.000	0.050	0.000	0.169	0.169	0.119

⌖	MM	LOC20 - CIRC_BEAM_TUBE2_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.135	-0.135	0.035
Z	0.000	0.100	0.100	0.203	0.203	0.103
D	84.350	0.050	0.000	83.535	-0.815	0.815
RN	0.000	0.050	0.000	0.101	0.101	0.051

∡	DEG	ANGL1 - LINC_OFFSET1 TO LINC_OFFSET2		
AX	NOMINAL	MEAS	DEV	
A	0.000	0.096	0.096	

⌖	MM	LOC25 - CIR1_F1_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.305	0.105	0.200	0.000	0.000
RN	0.000	0.029	0.029	0.200	0.000	0.000

⌖	MM	LOC26 - CIR1_F2_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.230	0.030	0.200	0.000	0.000
RN	0.000	0.016	0.016	0.200	0.000	0.000

****** REPORT ABBREVIATIONS MEANINGS ******

BT= Beam Tube

HC= Half Cell

SS= Sealing Surface