pc-dmis	PART NAME : 483294_A_TE1RICU003		March 27, 2013	14:25
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

483294-A
SRF 1.3GHZ
SINGLE CELL RF TEST CAVITY ASSEMBLY
RF# 95401 S/N TE1RICU-003
INSPECTOR: O. LIRA 03/27/13

⌖	MM	LOC1 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.400	0.500	0.500	197.674	1.274	0.774	
FL	0.000	0.400	0.000	0.017	0.017	0.000	
⌖	MM	LOC2 - PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.400	0.500	0.500	-197.675	-1.275	0.775	
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	196.663	1.263	0.763	
FL	0.000	0.400	0.000	0.011	0.011	0.000	
⌖	MM	LOC4 - PLNC_SEALING_SURFACE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-195.400	0.500	0.500	-196.692	-1.292	0.792	
FL	0.000	0.400	0.000	0.006	0.006	0.000	
⌖	MM	LOC5 - PLNC_BEAM_TUBE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.400	0.500	0.500	196.668	0.268	0.000	
FL	0.000	0.400	0.000	0.011	0.011	0.000	
⌖	MM	LOC6 - PLNC_BEAM_TUBE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.400	0.500	0.500	-196.693	-0.293	0.000	
FL	0.000	0.400	0.000	0.007	0.007	0.000	
⊥	MM	PERP1 - PLNC_FLANGE1 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.083	0.083	0.000	
⊥	MM	PERP2 - PLNC_FLANGE2 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.267	0.267	0.000	
//	MM	PARL1 - PLNC_FLANGE1 TO PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.344	0.344	0.000	
⌖	MM	LOC7 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	

AX	I	J	K
V	1.00000	-0.00046	0.00041

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

AX	I	J	K
V	-1.00000	-0.00186	0.00089

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

AX	I	J	K
V	1.00000	-0.00044	0.00041

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

AX	I	J	K
V	-1.00000	-0.00187	0.00090

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

AX	I	J	K
V	1.00000	-0.00042	0.00038

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

AX	I	J	K
V	-1.00000	-0.00189	0.00087

↔	MM	DIST1 - PLNC_FLANGE1 TO PLNC_FLANGE2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.349	2.549	1.549

↔	MM	DIST2 - PLNC_FLANGE1 TO PLNC_SEALING_SURFACE_F1 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	1.000	0.100	0.000	1.011	0.011	0.000

↔	MM	DIST3 - PLNC_FLANGE2 TO PLNC_SEALING_SURFACE_F2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	1.000	0.100	0.000	0.983	-0.017	0.017

↔	MM	DIST4 - PNT_FLANGE1_2 TO PNT_FLANGE2_2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.394	2.594	1.594

↔	MM	DIST5 - PNT_FLANGE1_5 TO PNT_FLANGE2_5 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.180	2.380	1.380

↔	MM	DIST6 - PNT_FLANGE1_8 TO PNT_FLANGE2_8 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.302	2.502	1.502

↔	MM	DIST7 - PNT_FLANGE1_11 TO PNT_FLANGE2_11 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.517	2.717	1.717

⊕	MM	LOC13 - CIR1_BT_ID1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	194.900	10.000	10.000	194.915	0.015	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	78.233	0.233	0.183
RN	0.000	0.050	0.000	0.602	0.602	0.552

⊕	MM	LOC14 - CIR1_BT_ID2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-194.900	10.000	10.000	-194.885	0.015	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	78.133	0.133	0.083
RN	0.000	0.050	0.000	0.496	0.496	0.446

⊕	MM	LOC15 - CIRC_BOLT_C_D1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	190.000	10.000	10.000	190.015	0.015	0.000
Y	0.000	0.150	0.150	-0.170	-0.170	0.020
Z	0.000	0.150	0.150	-0.136	-0.136	0.000
D	120.000	0.150	0.150	119.976	-0.024	0.000
RN	0.000	0.150	0.000	0.015	0.015	0.000

⊕	MM	LOC16 - CIRC_BOLT_C_D2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-190.000	10.000	10.000	-189.985	0.015	0.000
Y	0.000	0.150	0.150	0.057	0.057	0.000
Z	0.000	0.150	0.150	0.194	0.194	0.044
D	120.000	0.150	0.150	119.973	-0.027	0.000
RN	0.000	0.150	0.000	0.042	0.042	0.000

⊕	MM	LOC17 - CIRC_HALF_CELL_1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	4.000	1.000	1.000	4.016	0.016	0.000
Y	0.000	0.100	0.100	0.162	0.162	0.062
Z	0.000	0.100	0.100	0.329	0.329	0.229
D	210.300	0.050	0.000	210.932	0.632	0.582
RN	0.000	0.050	0.000	0.250	0.250	0.200

⊕	MM	LOC18 - CIRC_HALF_CELL_2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-4.000	1.000	1.000	-3.996	0.004	0.000
Y	0.000	0.100	0.100	0.299	0.299	0.199
Z	0.000	0.100	0.100	0.321	0.321	0.221
D	210.300	0.050	0.000	210.946	0.646	0.596
RN	0.000	0.050	0.000	0.294	0.294	0.244

⌖	MM	LOC19 - CIRC_BEAM_TUBE1_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.080	-0.080	0.000
Z	0.000	0.100	0.100	-0.220	-0.220	0.120
D	84.350	0.050	0.000	84.032	-0.318	0.318
RN	0.000	0.050	0.000	0.134	0.134	0.084

⌖	MM	LOC20 - CIRC_BEAM_TUBE2_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	0.228	0.228	0.128
Z	0.000	0.100	0.100	-0.058	-0.058	0.000
D	84.350	0.050	0.000	84.075	-0.275	0.275
RN	0.000	0.050	0.000	0.213	0.213	0.163

∡	DEG	ANGL1 - LINC_OFFSET1 TO LINC_OFFSET2		
AX	NOMINAL	MEAS	DEV	
A	0.000	0.303	0.303	

⌖	MM	LOC25 - CIR1_F1_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.347	0.147	0.200	0.000	0.000
RN	0.000	0.024	0.024	0.200	0.000	0.000

⌖	MM	LOC26 - CIR1_F2_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.316	0.116	0.200	0.000	0.000
RN	0.000	0.019	0.019	0.200	0.000	0.000

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

BT= Beam Tube

HC= Half Cell

SS= Sealing Surface