pc-dmis	PART NAME : 483294_A_TE1RICU004		March 26, 2013	14:51
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

483294-A
SRF 1.3GHZ
SINGLE CELL RF TEST CAVITY ASSEMBLY
RF# 95402 S/N TE1RICU-004
INSPECTOR: O. LIRA 03/26/13

⌖	MM	LOC1 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.400	0.500	0.500	197.805	1.405	0.905	
FL	0.000	0.400	0.000	0.009	0.009	0.000	
⌖	MM	LOC2 - PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.400	0.500	0.500	-197.806	-1.406	0.906	
FL	0.000	0.400	0.000	0.006	0.006	0.000	
⌖	MM	LOC3 - PLNC_SEALING_SURFACE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	195.400	0.500	0.500	196.791	1.391	0.891	
FL	0.000	0.400	0.000	0.003	0.003	0.000	
⌖	MM	LOC4 - PLNC_SEALING_SURFACE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-195.400	0.500	0.500	-196.818	-1.418	0.918	
FL	0.000	0.400	0.000	0.005	0.005	0.000	
⌖	MM	LOC5 - PLNC_BEAM_TUBE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.400	0.500	0.500	196.799	0.399	0.000	
FL	0.000	0.400	0.000	0.003	0.003	0.000	
⌖	MM	LOC6 - PLNC_BEAM_TUBE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.400	0.500	0.500	-196.816	-0.416	0.000	
FL	0.000	0.400	0.000	0.005	0.005	0.000	
⊥	MM	PERP1 - PLNC_FLANGE1 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.630	0.630	0.230	
⊥	MM	PERP2 - PLNC_FLANGE2 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.777	0.777	0.377	
//	MM	PARL1 - PLNC_FLANGE1 TO PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	1.406	1.406	1.006	
⌖	MM	LOC7 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	

AX	I	J	K
V	0.99999	-0.00486	0.00033

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

AX	I	J	K
V	-0.99998	-0.00571	0.00139

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

AX	I	J	K
V	0.99999	-0.00485	0.00033

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

AX	I	J	K
V	-0.99998	-0.00573	0.00138

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

AX	I	J	K
V	0.99999	-0.00487	0.00032

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

AX	I	J	K
V	-0.99998	-0.00574	0.00137

↔	MM	DIST1 - PLNC_FLANGE1 TO PLNC_FLANGE2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.611	2.811	1.811

↔	MM	DIST2 - PLNC_FLANGE1 TO PLNC_SEALING_SURFACE_F1 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	1.000	0.100	0.000	1.014	0.014	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	0.988	-0.012	0.012

↔	MM	DIST4 - PNT_FLANGE1_2 TO PNT_FLANGE2_2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	396.028	3.228	2.228

↔	MM	DIST5 - PNT_FLANGE1_5 TO PNT_FLANGE2_5 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.039	2.239	1.239

↔	MM	DIST6 - PNT_FLANGE1_8 TO PNT_FLANGE2_8 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.202	2.402	1.402

↔	MM	DIST7 - PNT_FLANGE1_11 TO PNT_FLANGE2_11 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	396.187	3.387	2.387

⊕	MM	LOC13 - CIR1_BT_ID1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	194.900	10.000	10.000	194.964	0.064	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	77.854	-0.146	0.096
RN	0.000	0.050	0.000	0.379	0.379	0.329

⊕	MM	LOC14 - CIR1_BT_ID2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-194.900	10.000	10.000	-194.836	0.064	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	78.287	0.287	0.237
RN	0.000	0.050	0.000	0.772	0.772	0.722

⊕	MM	LOC15 - CIRC_BOLT_C_D1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	190.000	10.000	10.000	190.064	0.064	0.000
Y	0.000	0.150	0.150	0.059	0.059	0.000
Z	0.000	0.150	0.150	0.027	0.027	0.000
D	120.000	0.150	0.150	119.980	-0.020	0.000
RN	0.000	0.150	0.000	0.014	0.014	0.000

⊕	MM	LOC16 - CIRC_BOLT_C_D2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-190.000	10.000	10.000	-189.936	0.064	0.000
Y	0.000	0.150	0.150	-0.095	-0.095	0.000
Z	0.000	0.150	0.150	0.044	0.044	0.000
D	120.000	0.150	0.150	120.004	0.004	0.000
RN	0.000	0.150	0.000	0.044	0.044	0.000

⊕	MM	LOC17 - CIRC_HALF_CELL_1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	4.000	1.000	1.000	4.015	0.015	0.000
Y	0.000	0.100	0.100	1.021	1.021	0.921
Z	0.000	0.100	0.100	-0.609	-0.609	0.509
D	210.300	0.050	0.000	210.860	0.560	0.510
RN	0.000	0.050	0.000	0.304	0.304	0.254

⊕	MM	LOC18 - CIRC_HALF_CELL_2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-4.000	1.000	1.000	-3.997	0.003	0.000
Y	0.000	0.100	0.100	0.921	0.921	0.821
Z	0.000	0.100	0.100	-0.542	-0.542	0.442
D	210.300	0.050	0.000	210.878	0.578	0.528
RN	0.000	0.050	0.000	0.365	0.365	0.315

⌖	MM	LOC19 - CIRC_BEAM_TUBE1_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	0.694	0.694	0.594
Z	0.000	0.100	0.100	-0.013	-0.013	0.000
D	84.350	0.050	0.000	84.252	-0.098	0.098
RN	0.000	0.050	0.000	0.154	0.154	0.104

⌖	MM	LOC20 - CIRC_BEAM_TUBE2_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	0.679	0.679	0.579
Z	0.000	0.100	0.100	-0.189	-0.189	0.089
D	84.350	0.050	0.000	84.138	-0.212	0.212
RN	0.000	0.050	0.000	0.153	0.153	0.103

∡	DEG	ANGL1 - LINC_OFFSET1 TO LINC_OFFSET2		
AX	NOMINAL	MEAS	DEV	
A	0.000	0.387	0.387	

⌖	MM	LOC25 - CIR1_F1_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.349	0.149	0.200	0.000	0.000
RN	0.000	0.009	0.009	0.200	0.000	0.000

⌖	MM	LOC26 - CIR1_F2_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.326	0.126	0.200	0.000	0.000
RN	0.000	0.021	0.021	0.200	0.000	0.000

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

BT= Beam Tube

HC= Half Cell

SS= Sealing Surface