pc-dmis	PART NAME : 457528_TE1PAV007		April 12, 2013	08:30
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

457528
SRF 1.3GHZ
SINGLE CELL RF CAVITY ASSEMBLY
RF# 95546 S/N TE1PAV007
INSPECTOR: O. LIRA 04/12/13

⌖	MM	LOC1 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.000	0.500	0.500	196.001	0.001	0.000	
FL	0.000	0.400	0.000	0.021	0.021	0.000	
⌖	MM	LOC2 - PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.000	0.500	0.500	-196.000	0.000	0.000	
FL	0.000	0.400	0.000	0.015	0.015	0.000	
⌖	MM	LOC3 - PLNC_SEALING_SURFACE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	195.000	0.500	0.500	194.947	-0.053	0.000	
FL	0.000	0.400	0.000	0.012	0.012	0.000	
⌖	MM	LOC4 - PLNC_SEALING_SURFACE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-195.000	0.500	0.500	-194.942	0.058	0.000	
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	196.000	0.500	0.500	195.972	-0.028	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	-196.000	0.500	0.500	-195.971	0.029	0.000	
FL	0.000	0.400	0.000	0.012	0.012	0.000	
⊥	MM	PERP1 - PLNC_FLANGE1 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.273	0.273	0.000	
⊥	MM	PERP2 - PLNC_FLANGE2 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.154	0.154	0.000	

//	MM	PARL1 - PLNC_FLANGE1 TO PLNC_FLANGE2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	0	0.400	0	0.372	0.372	0.000

⌖	MM	LOC7 - PLNC_FLANGE1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		1.00000		0.00064		-0.00208

⌖	MM	LOC8 - PLNC_FLANGE2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		-1.00000		-0.00089		-0.00071

⌖	MM	LOC9 - PLNC_SEALING_SURFACE_F1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		1.00000		0.00054		-0.00217

⌖	MM	LOC10 - PLNC_SEALING_SURFACE_F2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		-1.00000		-0.00089		-0.00066

⌖	MM	LOC11 - PLNC_BEAM_TUBE_F1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		1.00000		0.00064		-0.00192

⌖	MM	LOC12 - PLNC_BEAM_TUBE_F2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		-1.00000		-0.00083		-0.00068

↔	MM	DIST1 - PLNC_FLANGE1 TO PLNC_FLANGE2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.000	1.000	1.000	392.001	0.001	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	1.054	0.054	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	1.058	0.058	0.000

↔	MM	DIST4 - PNT_FLANGE1_2 TO PNT_FLANGE2_2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.000	1.000	1.000	392.155	0.155	0.000

↔	MM	DIST5 - PNT_FLANGE1_5 TO PNT_FLANGE2_5 (XAXIS)					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	392.000	1.000	1.000	392.118	0.118	0.000	

↔	MM	DIST6 - PNT_FLANGE1_8 TO PNT_FLANGE2_8 (XAXIS)					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	392.000	1.000	1.000	391.852	-0.148	0.000	

↔	MM	DIST7 - PNT_FLANGE1_11 TO PNT_FLANGE2_11 (XAXIS)					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	392.000	1.000	1.000	391.876	-0.124	0.000	

⊕	MM	LOC13 - CIR1_BT_ID1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	194.900	10.000	10.000	194.981	0.081	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	78.111	0.111	0.061	
RN	0.000	0.050	0.000	0.202	0.202	0.152	

⊕	MM	LOC14 - CIR1_BT_ID2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-194.900	10.000	10.000	-194.819	0.081	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	78.376	0.376	0.326	
RN	0.000	0.050	0.000	0.192	0.192	0.142	

⊕	MM	LOC15 - CIRC_BOLT_C_D1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	190.000	10.000	10.000	190.081	0.081	0.000	
Y	0.000	0.150	0.150	0.053	0.053	0.000	
Z	0.000	0.150	0.150	-0.042	-0.042	0.000	
D	120.000	0.150	0.150	119.930	-0.070	0.000	
RN	0.000	0.150	0.000	0.026	0.026	0.000	

⊕	MM	LOC16 - CIRC_BOLT_C_D2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-190.000	10.000	10.000	-189.919	0.081	0.000	
Y	0.000	0.150	0.150	0.026	0.026	0.000	
Z	0.000	0.150	0.150	-0.037	-0.037	0.000	
D	120.000	0.150	0.150	119.931	-0.069	0.000	
RN	0.000	0.150	0.000	0.024	0.024	0.000	

⌖	MM	LOC17 - CIRC_HALF_CELL_1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	4.000	1.000	1.000	3.994	-0.006	0.000
Y	0.000	0.100	0.100	-0.037	-0.037	0.000
Z	0.000	0.100	0.100	0.067	0.067	0.000
D	210.300	0.050	0.000	210.949	0.649	0.599
RN	0.000	0.050	0.000	0.179	0.179	0.129

⌖	MM	LOC18 - CIRC_HALF_CELL_2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-4.000	1.000	1.000	-4.009	-0.009	0.000
Y	0.000	0.100	0.100	0.036	0.036	0.000
Z	0.000	0.100	0.100	0.058	0.058	0.000
D	210.300	0.050	0.000	210.940	0.640	0.590
RN	0.000	0.050	0.000	0.279	0.279	0.229

⌖	MM	LOC19 - CIRC_BEAM_TUBE1_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.089	-0.089	0.000
Z	0.000	0.100	0.100	0.046	0.046	0.000
D	83.600	0.050	0.000	84.180	0.580	0.530
RN	0.000	0.050	0.000	0.149	0.149	0.099

⌖	MM	LOC20 - CIRC_BEAM_TUBE2_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	0.067	0.067	0.000
Z	0.000	0.100	0.100	-0.149	-0.149	0.049
D	83.600	0.050	0.000	84.163	0.563	0.513
RN	0.000	0.050	0.000	0.219	0.219	0.169

∠	DEG	ANGL1 - LINC_OFFSET1 TO LINC_OFFSET2		
AX	NOMINAL	MEAS	DEV	
A	0.000	0.564	0.564	

⌖	MM	LOC21 - CIR1_F1_SS_OD				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
Y	0.000	0.043	0.043	0.000	0.000	0.043
Z	0.000	-0.021	-0.021	0.000	0.000	0.021
D	82.000	80.574	-1.426	0.050	0.050	1.376
RN	0.000	0.332	0.332	0.050	0.000	0.282

⌖	MM	LOC22 - CIR1_F2_SS_OD				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
Y	0.000	0.024	0.024	0.000	0.000	0.024
Z	0.000	0.013	0.013	0.000	0.000	0.013
D	82.000	80.604	-1.396	0.050	0.050	1.346
RN	0.000	0.432	0.432	0.050	0.000	0.382

⌖	MM	LOC25 - CIR1_F1_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.214	0.014	0.200	0.000	0.000
RN	0.000	0.030	0.030	0.200	0.000	0.000

⌖	MM	LOC26 - CIR1_F2_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.208	0.008	0.200	0.000	0.000
RN	0.000	0.025	0.025	0.200	0.000	0.000

****** REPORT ABBREVIATIONS ******

F= Flange

BT= Beam Tube

HC= Half Cell

SS= Sealing Surface