pc-dmis	PART NAME : 457528_TE1PAV008		April 12, 2013	11:50
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

457528
SRF 1.3GHZ
SINGLE CELL RF CAVITY ASSEMBLY
RF# 95547 S/N TE1PAV008
INSPECTOR: O. LIRA 04/12/13

⌖	MM	LOC1 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.000	0.500	0.500	196.035	0.035	0.000	
FL	0.000	0.400	0.000	0.022	0.022	0.000	
⌖	MM	LOC2 - PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.000	0.500	0.500	-196.035	-0.035	0.000	
FL	0.000	0.400	0.000	0.019	0.019	0.000	
⌖	MM	LOC3 - PLNC_SEALING_SURFACE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	195.000	0.500	0.500	194.976	-0.024	0.000	
FL	0.000	0.400	0.000	0.013	0.013	0.000	
⌖	MM	LOC4 - PLNC_SEALING_SURFACE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-195.000	0.500	0.500	-194.936	0.064	0.000	
FL	0.000	0.400	0.000	0.007	0.007	0.000	
⌖	MM	LOC5 - PLNC_BEAM_TUBE_F1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.000	0.500	0.500	196.008	0.008	0.000	
FL	0.000	0.400	0.000	0.009	0.009	0.000	
⌖	MM	LOC6 - PLNC_BEAM_TUBE_F2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.000	0.500	0.500	-196.010	-0.010	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	0.318	0.318	0.000	
⊥	MM	PERP2 - PLNC_FLANGE2 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.190	0.190	0.000	

//	MM	PARL1 - PLNC_FLANGE1 TO PLNC_FLANGE2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	0	0.400	0	0.376	0.376	0.000

⌖	MM	LOC7 - PLNC_FLANGE1		
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX	I	J	K
V	1.00000	-0.00006	-0.00233

⌖	MM	LOC8 - PLNC_FLANGE2		
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX	I	J	K
V	-1.00000	-0.00149	-0.00006

⌖	MM	LOC9 - PLNC_SEALING_SURFACE_F1		
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX	I	J	K
V	1.00000	-0.00006	-0.00242

⌖	MM	LOC10 - PLNC_SEALING_SURFACE_F2		
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX	I	J	K
V	-1.00000	-0.00145	-0.00013

⌖	MM	LOC11 - PLNC_BEAM_TUBE_F1		
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX	I	J	K
V	1.00000	-0.00010	-0.00232

⌖	MM	LOC12 - PLNC_BEAM_TUBE_F2		
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX	I	J	K
V	-1.00000	-0.00141	-0.00003

↔	MM	DIST1 - PLNC_FLANGE1 TO PLNC_FLANGE2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.000	1.000	1.000	392.069	0.069	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	1.059	0.059	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	1.098	0.098	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	392.259	0.259	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	392.093	0.093	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	391.883	-0.117	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	392.039	0.039	0.000	

⊕	MM	LOC13 - CIR1_BT_ID1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	194.900	10.000	10.000	194.976	0.076	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	78.125	0.125	0.075	
RN	0.000	0.050	0.000	0.130	0.130	0.080	

⊕	MM	LOC14 - CIR1_BT_ID2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-194.900	10.000	10.000	-194.824	0.076	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	78.306	0.306	0.256	
RN	0.000	0.050	0.000	0.133	0.133	0.083	

⊕	MM	LOC15 - CIRC_BOLT_C_D1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	190.000	10.000	10.000	190.076	0.076	0.000	
Y	0.000	0.150	0.150	0.034	0.034	0.000	
Z	0.000	0.150	0.150	0.095	0.095	0.000	
D	120.000	0.150	0.150	119.930	-0.070	0.000	
RN	0.000	0.150	0.000	0.030	0.030	0.000	

⊕	MM	LOC16 - CIRC_BOLT_C_D2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-190.000	10.000	10.000	-189.924	0.076	0.000	
Y	0.000	0.150	0.150	-0.014	-0.014	0.000	
Z	0.000	0.150	0.150	0.118	0.118	0.000	
D	120.000	0.150	0.150	119.935	-0.065	0.000	
RN	0.000	0.150	0.000	0.021	0.021	0.000	

⌖	MM	LOC17 - CIRC_HALF_CELL_1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	4.000	1.000	1.000	3.995	-0.005	0.000
Y	0.000	0.100	0.100	0.033	0.033	0.000
Z	0.000	0.100	0.100	0.031	0.031	0.000
D	210.300	0.050	0.000	210.973	0.673	0.623
RN	0.000	0.050	0.000	0.282	0.282	0.232

⌖	MM	LOC18 - CIRC_HALF_CELL_2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-4.000	1.000	1.000	-4.007	-0.007	0.000
Y	0.000	0.100	0.100	-0.021	-0.021	0.000
Z	0.000	0.100	0.100	0.116	0.116	0.016
D	210.300	0.050	0.000	210.954	0.654	0.604
RN	0.000	0.050	0.000	0.274	0.274	0.224

⌖	MM	LOC19 - CIRC_BEAM_TUBE1_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.081	-0.081	0.000
Z	0.000	0.100	0.100	0.030	0.030	0.000
D	83.600	0.050	0.000	84.161	0.561	0.511
RN	0.000	0.050	0.000	0.183	0.183	0.133

⌖	MM	LOC20 - CIRC_BEAM_TUBE2_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.034	-0.034	0.000
Z	0.000	0.100	0.100	-0.019	-0.019	0.000
D	83.600	0.050	0.000	84.150	0.550	0.500
RN	0.000	0.050	0.000	0.082	0.082	0.032

∠	DEG	ANGL1 - LINC_OFFSET1 TO LINC_OFFSET2		
AX	NOMINAL	MEAS	DEV	
A	0.000	1.993	1.993	

⌖	MM	LOC21 - CIR1_F1_SS_OD				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
Y	0.000	-0.020	-0.020	0.000	0.000	0.020
Z	0.000	0.007	0.007	0.000	0.000	0.007
D	82.000	80.663	-1.337	0.050	0.050	1.287
RN	0.000	0.430	0.430	0.050	0.000	0.380

⌖	MM	LOC22 - CIR1_F2_SS_OD				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
Y	0.000	-0.028	-0.028	0.000	0.000	0.028
Z	0.000	0.084	0.084	0.000	0.000	0.084
D	82.000	80.679	-1.321	0.050	0.050	1.271
RN	0.000	0.412	0.412	0.050	0.000	0.362

⌖	MM	LOC25 - CIR1_F1_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.195	-0.005	0.200	0.000	0.005
RN	0.000	0.023	0.023	0.200	0.000	0.000

⌖	MM	LOC26 - CIR1_F2_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.248	0.048	0.200	0.000	0.000
RN	0.000	0.022	0.022	0.200	0.000	0.000

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

F= Flange

BT= Beam Tube

HC= Half Cell

SS= Sealing Surface