pc-dmis	PART NAME : 483294_A_TE1RICU006		March 27, 2013	09:53
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

483294-A
SRF 1.3GHZ
SINGLE CELL RF TEST CAVITY ASSEMBLY
RF# 95404 S/N TE1RICU-006
INSPECTOR: O. LIRA 03/27/13

⌖	MM	LOC1 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	196.400	0.500	0.500	197.943	1.543	1.043	
FL	0.000	0.400	0.000	0.014	0.014	0.000	
⌖	MM	LOC2 - PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
X	-196.400	0.500	0.500	-197.942	-1.542	1.042	
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	195.400	0.500	0.500	196.957	1.557	1.057	
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	-196.923	-1.523	1.023	
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	196.400	0.500	0.500	196.959	0.559	0.059	
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	-196.926	-0.526	0.026	
FL	0.000	0.400	0.000	0.032	0.032	0.000	
⊥	MM	PERP1 - PLNC_FLANGE1 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.718	0.718	0.318	
⊥	MM	PERP2 - PLNC_FLANGE2 TO LINC_BEAM_AXIS					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	0.575	0.575	0.175	
//	MM	PARL1 - PLNC_FLANGE1 TO PLNC_FLANGE2					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	
M	0	0.400	0	1.239	1.239	0.839	
⌖	MM	LOC7 - PLNC_FLANGE1					
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL	

AX		I		J		K
V		0.99998		0.00415		-0.00361
⊕	MM	LOC8 - PLNC_FLANGE2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		-0.99999		0.00447		-0.00038
⊕	MM	LOC9 - PLNC_SEALING_SURFACE_F1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		0.99998		0.00418		-0.00365
⊕	MM	LOC10 - PLNC_SEALING_SURFACE_F2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		-0.99999		0.00443		-0.00039
⊕	MM	LOC11 - PLNC_BEAM_TUBE_F1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		0.99998		0.00417		-0.00366
⊕	MM	LOC12 - PLNC_BEAM_TUBE_F2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
AX		I		J		K
V		-0.99999		0.00432		-0.00051
↔	MM	DIST1 - PLNC_FLANGE1 TO PLNC_FLANGE2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.885	3.085	2.085
↔	MM	DIST2 - PLNC_FLANGE1 TO PLNC_SEALING_SURFACE_F1 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	1.000	0.100	0.000	0.986	-0.014	0.014
↔	MM	DIST3 - PLNC_FLANGE2 TO PLNC_SEALING_SURFACE_F2 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	1.000	0.100	0.000	1.019	0.019	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	395.662	2.862	1.862
↔	MM	DIST5 - PNT_FLANGE1_5 TO PNT_FLANGE2_5 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	396.475	3.675	2.675
↔	MM	DIST6 - PNT_FLANGE1_8 TO PNT_FLANGE2_8 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	396.098	3.298	2.298
↔	MM	DIST7 - PNT_FLANGE1_11 TO PNT_FLANGE2_11 (XAXIS)				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	392.800	1.000	1.000	395.308	2.508	1.508

⊕	MM	LOC13 - CIR1_BT_ID1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	194.900	10.000	10.000	195.053	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	78.295	0.295	0.245
RN	0.000	0.050	0.000	0.526	0.526	0.476

⊕	MM	LOC14 - CIR1_BT_ID2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-194.900	10.000	10.000	-194.747	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	78.156	0.156	0.106
RN	0.000	0.050	0.000	0.586	0.586	0.536

⊕	MM	LOC15 - CIRC_BOLT_C_D1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	190.000	10.000	10.000	190.153	0.153	0.000
Y	0.000	0.150	0.150	-0.031	-0.031	0.000
Z	0.000	0.150	0.150	0.027	0.027	0.000
D	120.000	0.150	0.150	119.977	-0.023	0.000
RN	0.000	0.150	0.000	0.016	0.016	0.000

⊕	MM	LOC16 - CIRC_BOLT_C_D2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-190.000	10.000	10.000	-189.847	0.153	0.000
Y	0.000	0.150	0.150	-0.194	-0.194	0.044
Z	0.000	0.150	0.150	0.030	0.030	0.000
D	120.000	0.150	0.150	119.976	-0.024	0.000
RN	0.000	0.150	0.000	0.026	0.026	0.000

⊕	MM	LOC17 - CIRC_HALF_CELL_1				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	4.000	1.000	1.000	4.019	0.019	0.000
Y	0.000	0.100	0.100	-0.676	-0.676	0.576
Z	0.000	0.100	0.100	0.299	0.299	0.199
D	210.300	0.050	0.000	211.096	0.796	0.746
RN	0.000	0.050	0.000	0.456	0.456	0.406

⊕	MM	LOC18 - CIRC_HALF_CELL_2				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
X	-4.000	1.000	1.000	-3.998	0.002	0.000
Y	0.000	0.100	0.100	-0.652	-0.652	0.552
Z	0.000	0.100	0.100	0.316	0.316	0.216
D	210.300	0.050	0.000	210.826	0.526	0.476
RN	0.000	0.050	0.000	0.282	0.282	0.232

⊕	MM	LOC19 - CIRC_BEAM_TUBE1_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.583	-0.583	0.483
Z	0.000	0.100	0.100	0.487	0.487	0.387
D	84.350	0.050	0.000	83.998	-0.352	0.352
RN	0.000	0.050	0.000	0.217	0.217	0.167

⊕	MM	LOC20 - CIRC_BEAM_TUBE2_OD				
AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
Y	0.000	0.100	0.100	-0.655	-0.655	0.555
Z	0.000	0.100	0.100	0.035	0.035	0.000
D	84.350	0.050	0.000	84.345	-0.005	0.005
RN	0.000	0.050	0.000	0.186	0.186	0.136

∠	DEG	ANGL1 - LINC_OFFSET1 TO LINC_OFFSET2		
AX	NOMINAL	MEAS	DEV	
A	0.000	0.002	0.002	

⊕	MM	LOC25 - CIR1_F1_SS_ID				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
D	109.200	109.296	0.096	0.200	0.000	0.000
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	109.322	0.122	0.200	0.000	0.000
RN	0.000	0.017	0.017	0.200	0.000	0.000

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

BT= Beam Tube

HC= Half Cell

SS= Sealing Surface