

Satout Orange County Convention Center Orlando, FL.txt  
 COMTECH ANTENNA SYSTEMS INC.  
 3100 COMMUNICATIONS RD.  
 ST. CLOUD, FL. 34769  
 (407) 892-6111

ANTENNA POINTING ANGLES FOR ORLANDO, FL

EARTH STATION LATITUDE = 28 DEG. 25 MIN. 49.9 SEC. NORTH

EARTH STATION LONGITUDE = 81 DEG. 27 MIN. 50.9 SEC. WEST

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SATELLITE & POS.		TRUE AZIMUTH	ELEVATION	HOURLANGLE	DECLINATION	ROLL
C5	139.00	253.14	20.00	64.43	-4.40	57.31
C1	137.00	251.90	21.78	62.30	-4.42	56.70
C4	135.00	250.61	23.55	60.16	-4.43	56.05
G1	133.00	249.28	25.31	58.01	-4.45	55.33
C3	131.00	247.89	27.07	55.85	-4.47	54.56
G5	125.00	243.38	32.27	49.32	-4.53	51.83
GS2	125.00	243.38	32.27	49.32	-4.53	51.83
SBS5	123.00	241.74	33.97	47.13	-4.54	50.76
G9	123.00	241.74	33.97	47.13	-4.54	50.76
T3	120.00	239.13	36.48	43.81	-4.57	49.00
M2	116.80	236.11	39.10	40.26	-4.59	46.89
SOL-2	113.00	232.19	42.11	36.02	-4.62	44.01
E1	111.10	230.07	43.56	33.88	-4.63	42.40
SOL-1	109.20	227.84	44.97	31.74	-4.65	40.68
E2	107.30	225.48	46.34	29.60	-4.66	38.83
GS4	105.00	222.45	47.92	26.99	-4.67	36.41
GS/GE1	103.00	219.65	49.22	24.72	-4.68	34.13
S4	101.00	216.69	50.45	22.44	-4.69	31.70
G4	99.00	213.57	51.60	20.16	-4.70	29.09
T401	97.00	210.28	52.65	17.87	-4.71	26.32
SBS2	97.00	210.28	52.65	17.87	-4.71	26.32
G3	95.00	206.82	53.61	15.58	-4.72	23.37
GS3	93.00	203.20	54.46	13.28	-4.72	20.27
G7	91.00	199.43	55.19	10.98	-4.73	17.01
T402	89.00	195.52	55.79	8.68	-4.73	13.61
S3	87.00	191.50	56.26	6.38	-4.74	10.10
GE-2	85.00	187.39	56.60	4.07	-4.74	6.49
K2	81.00	179.02	56.82	-0.54	-4.74	-0.86
SBS4	77.00	170.68	56.46	-5.15	-4.74	-8.19
D2/D4	76.00	168.63	56.28	-6.30	-4.74	-9.98
G6	74.00	164.61	55.81	-8.61	-4.73	-13.50
SBS-6	74.00	164.61	55.81	-8.61	-4.73	-13.50
SBS-3	71.00	158.79	54.87	-12.06	-4.73	-18.55
S2	69.00	155.09	54.08	-14.36	-4.72	-21.74
PAS-1	45.00	122.79	38.19	-41.53	-4.58	-47.67
PAS-3	43.00	120.93	36.54	-43.74	-4.57	-48.97

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