

INTERFERENCE CASE SUMMARY FOR CC
SIMI VALLEY, CALIFORNIA

PATH ID		BAND	DIST (KM)	AZ (DEG)	ES DISC (DEG)	ES GAIN (DBI)	LOS LOSS REQ'D (DB)	OH 20% (DB)	LOSS 0.0025% (DB)	REVISED 20% (DB)	MARGIN 0.0025% (DB)
1.	SOUTH MTN SIMI 2	3	31.7	280.5	129.2	0.0	24.9	9.5	2.7	15.4	CLEAR
2.	SOUTH MTN SIMI 2	3	31.7	280.5	129.2	0.0	23.5	9.7	2.9	13.8	CLEAR
3.	SIMI 2 SOUTH MTN	3	5.6	109.5	43.7	0.0	18.5	0.0	0.0	18.5	CLEAR
4.	SIMI 2 SOUTH MTN	3	5.6	109.5	43.7	0.0	17.8	0.0	0.0	17.8	CLEAR
5.	OAT MTN SADDLE PEAK	3	12.1	61.0	77.6	0.0	3.4	63.7	61.3	CLEAR	CLEAR
6.	SADDLE PEAK OAT MTN	3	22.2	170.0	45.9	0.0	1.7	62.8	58.2	CLEAR	CLEAR
7.	OAT MTN SADDLE PEAK	3	12.1	61.0	77.6	0.0	1.7	59.3	56.8	CLEAR	CLEAR
8.	OAT MTN MT FRAZIER	3	12.1	61.0	77.6	0.0	0.7	59.2	56.8	CLEAR	CLEAR
9.	BURBANK OAT MTN	3	36.5	109.5	43.6	0.0	0.2	35.0	27.1	CLEAR	CLEAR
10.	OAT MTN BURBANK	3	12.1	61.0	77.6	0.0	-1.1	26.0	23.6	CLEAR	CLEAR
11.	MT FRAZIER OAT MTN	3	60.8	336.2	138.0	0.0	-2.3	24.6	13.5	CLEAR	CLEAR
12.	LOOP CANYON SYLMAR	3	28.1	73.9	67.6	0.0	-2.6	30.8	24.9	CLEAR	CLEAR
13.	SADDLE PEAK RED MTN	3	22.2	170.0	45.9	0.0	-3.3	62.7	58.1	CLEAR	CLEAR
14.	EAST FORK PINE MTN	3	81.3	92.5	54.6	0.0	-4.7	76.5	42.6	CLEAR	CLEAR

ANTENNA TYPE: FCC Reference 32-25LOG(THETA)

UPLINK POWER: -30.5 dBW/ 4kHz

SATELLITE ARC: 90.0 W - 90.0 W DEGREES

OBJECTIVES: -154.0 dBW -131.0 dBW

Cases 1 through 4 clear due to frequency offset.