

Table 1  
Interference Case Summary  
(1.8 Meter)  
ST. ROSE, LOUISIANA

Case #	Path ID	Band (GHz)	Distance (km)	Azimuth (°)	ES Disc (°)	ES Gain (dBi)	LOS Loss Required (dB)	OH Loss 20% (dB)	OH Loss 0.01% (dB)	Revised Margin 20% (dB)	Revised Margin 0.01% (dB)
1	BURNS POINT MORGAN CITY	6.1	127.2	249.9	24.2	-2.6	22.3	45.6	11.1	CLEAR	CLEAR
2	BURNS POINT MORGAN CITY	6.1	127.2	249.9	24.2	-2.6	20.0	46.8	12.8	CLEAR	CLEAR
3	ONE SHELL S NORCO	6.1	22.0	97.1	10.7	6.3	18.1	0.0	0.0	18.1	CLEAR
4	ONE SHELL S NORCO	6.1	22.0	97.1	10.7	6.3	17.4	0.0	0.0	17.4	CLEAR
5	FLUKER HAMMOND	6.1	99.1	343.5	94.3	-10.0	17.3	36.6	4.8	CLEAR	CLEAR
6	FLUKER HAMMOND	6.1	99.1	343.5	94.3	-10.0	17.3	37.3	5.2	CLEAR	CLEAR
7	TOCA ONE SHELL S	6.1	46.5	104.9	10.5	6.5	15.0	37.8	18.4	CLEAR	CLEAR
8	GULFPORT WAVELAND	6.1	132.1	67.6	34.6	-6.4	14.5	45.5	11.3	CLEAR	CLEAR
9	GULFPORT WAVELAND	6.1	132.1	67.6	34.6	-6.4	14.2	45.5	11.3	CLEAR	CLEAR
10	GULFPORT WAVELAND	6.1	132.1	67.6	34.6	-6.4	12.9	45.9	11.9	CLEAR	CLEAR
11	GULFPORT WAVELAND	6.1	132.1	67.6	34.6	-6.4	12.7	45.9	11.9	CLEAR	CLEAR
12	STENNIS SP C BELL SO TWR	6.1	78.7	56.3	45.5	-9.4	12.4	40.2	7.5	CLEAR	CLEAR
13	BURAS PT ALA HACH	6.1	100.9	132.6	31.3	-5.4	10.8	42.6	8.6	CLEAR	CLEAR
14	BURAS PT ALA HACH	6.1	100.9	132.6	31.3	-5.4	10.8	42.6	8.6	CLEAR	CLEAR
15	HORSESHOE BA MORGAN CITY	6.1	127.3	249.1	24.2	-2.6	10.7	45.3	10.8	CLEAR	CLEAR
15	HORSESHOE BA MORGAN CITY	6.1	127.3	249.1	24.2	-2.6	10.7	45.3	10.8	CLEAR	CLEAR
16	ONE SHELL GARYVILLE	6.1	22.0	96.8	10.8	6.2	10.4	0.0	0.0	10.4	CLEAR
17	TOCA ONE SHELL S	6.1	46.5	104.9	10.5	6.5	10.2	38.4	17.5	CLEAR	CLEAR
18	BURAS PT ALA HACH	6.1	100.9	132.6	31.3	-5.4	10.1	43.1	8.7	CLEAR	CLEAR
19	NORCO ONE SHELL S	6.1	10.6	290.4	46.9	-9.7	9.8	0.0	0.0	9.8	CLEAR
20	ONE SHELL GARYVILLE	6.1	22.0	96.8	10.8	6.2	8.5	0.0	0.0	8.5	CLEAR
21	NAIRN W PT LAHACH	6.1	90.4	132.7	31.3	-5.4	8.2	42.4	9.0	CLEAR	CLEAR
22	NORCO ONE SHELL S	6.1	10.6	290.4	46.9	-9.7	7.8	0.0	0.0	7.8	CLEAR
23	BURAS WOODLAND	6.1	101.6	132.3	31.0	-5.3	7.4	44.1	9.6	CLEAR	CLEAR
24	HORSESHOE BA MORGAN CITY	6.1	127.3	249.1	24.2	-2.6	6.8	44.9	10.4	CLEAR	CLEAR
24	HORSESHOE BA MORGAN CITY	6.1	127.3	249.1	24.2	-2.6	6.8	44.9	10.4	CLEAR	CLEAR
25	NEW ORLEANS LA ROSE	6.1	21.6	98.2	10.3	6.7	5.6	0.0	0.0	5.6	CLEAR
26	NEW ORLEANS BARATARIA	6.1	21.4	95.9	11.1	5.9	5.6	0.0	0.0	5.6	CLEAR
27	SALT POINT MORGAN CITY	6.1	127.8	249.9	24.2	-2.6	4.6	45.6	11.2	CLEAR	CLEAR
28	SALT POINT MORGAN CITY	6.1	127.8	249.9	24.2	-2.6	4.6	45.9	11.5	CLEAR	CLEAR
29	WESTBANK BARATARIA	6.1	24.6	106.5	11.3	5.7	4.4	42.4	34.5	CLEAR	CLEAR
30	NAIRN W PT LAHACH	6.1	90.4	132.7	31.3	-5.4	3.0	42.1	8.9	CLEAR	CLEAR

Antenna Type: FCC Reference 32-25LOG(THETA)

Uplink Power: -17.0 dBW/4 kHz

Satellite Arc: 21.5 W to 143.0 W

Objectives: Long Term: -154.0 dBW/4 kHz Short Term: -131.0 dBW/4 kHz

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Case #	Path ID	Band (GHz)	Distance (km)	Azimuth (°)	ES	ES	LOS Loss Required (dB)	OH Loss		Revised Margin		
					Disc (°)	Gain (dBi)		20% (dB)	0.01% (dB)	20% (dB)	0.01% (dB)	
31	BANK ONE CTR	NUNEZ COMM C	6.1	22.1	96.3	11.0	6.0	1.4	0.0	0.0	1.4	CLEAR
32	BURAS	WOODLAND	6.1	101.6	132.3	31.0	-5.3	-0.6	43.4	9.0	CLEAR	CLEAR
33	NL03XC407	CHETTA	6.1	25.4	39.3	62.1	-10.0	-0.9	0.0	0.0	CLEAR	CLEAR
34	NL03XC407	CHETTA	6.1	25.4	39.3	62.1	-10.0	-0.9	0.0	0.0	CLEAR	CLEAR
35	OLD TROOP	BRIDGE CITY	6.1	17.6	80.9	22.2	-1.6	-1.8	0.0	0.0	CLEAR	CLEAR
36	TOCA	W PT LAHACH	6.1	46.5	104.9	10.5	6.5	-2.4	36.8	19.0	CLEAR	CLEAR
37	TOCA	W PT LAHACH	6.1	46.5	104.9	10.5	6.5	-2.4	36.8	19.0	CLEAR	CLEAR
38	RACELAND	NORCO	6.1	42.3	226.0	32.7	-5.9	-4.0	16.8	7.5	CLEAR	CLEAR
39	PARADIS	HARVEY	6.1	19.7	229.3	30.7	-5.2	-4.4	0.0	0.0	CLEAR	CLEAR
39	PARADIS	HARVEY	6.1	19.7	229.3	30.7	-5.2	-4.4	0.0	0.0	CLEAR	CLEAR
40	VENICE	NAIRN	6.1	120.3	130.3	29.4	-4.7	-4.8	46.2	11.9	CLEAR	CLEAR
41	OLD TROOP	BRIDGE CITY	6.1	17.6	80.9	22.2	-1.6	-4.8	0.0	0.0	CLEAR	CLEAR

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