Antenna standard antenna pattern. Vertical Polarization. Maximum

Frequency: Mobile Antenna ERP

Angle (deg)	Gain (dBi)	Gain (dBd) includs Cable loss	Berst average ERP
0.0	2.8	0.2	1.2
10.1	2.5	-0.2	1.1
19.8	2.4	-0.3	1.1
29.9	2.7	0.0	1.2
40.2	3.2	0.5	1.3
50.3	3.7	1.0	1.5
60.3	3.8	1.1	1.5
70.2	3.5	0.8	1.4
80.3	3.1	0.4	1.3
90.0	2.7	0.0	1.2
100.2	2.1	-0.6	1.0
110.2	1.5	-1.2	0.9
119.9	1.1	-1.6	0.8
129.8	1.3	-1.4	0.9
139.9	2.0	-0.7	1.0
149.8	2.6	-0.1	1.2
159.9	2.8	0.2	1.2
170.2	3.0	0.3	1.3
180.1	3.3	0.6	1.4
190.0	3.4	0.7	1.4
200.0	3.3	0.6	1.4
210.0	2.8	0.1	1.2
220.2	2.1	-0.6	1.0
229.7	1.6	-1.1	0.9
240.0	1.3	-1.4	0.9
249.8	1.1	-1.6	0.8
259.8	1.3	-1.4	0.9
270.3	1.9	-0.8	1.0
280.1	2.6	-0.1	1.2
289.8	3.1	0.4	1.3
300.0	3.5	0.8	1.4
309.9	3.6	0.9	1.5
320.1	3.7	1.0	1.5
329.8	3.7	1.0	1.5
340.2	3.6	0.9	1.5
349.7	3.3	0.6	1.4

	Gain dBi
Average	2.7
Max	3.8
Min	1.1

Spectrum Analyzer Data	
Span	100kHz
RBW	10kHz
VBW	30kHz
Ref Level	60.33 dBuV

Height of radio
Height of antenna
Test distance

Cable loss of 0.54 dB

Max   1.5

Gain dBd	ERP
0.0	1.2
1.1	1.5
-1.6	0.8

a

133 cm
165 cm
291 cm