

Figure 1
Sheet 1 of 4

Proposal Number	DCA-9659	
Date	26-Oct-01	
Call Letters	WJPX-DT	Channel 21
Location	San Juan, PR	
Customer	WJPX	
Antenna Type	TFU-22DSC-R C170	

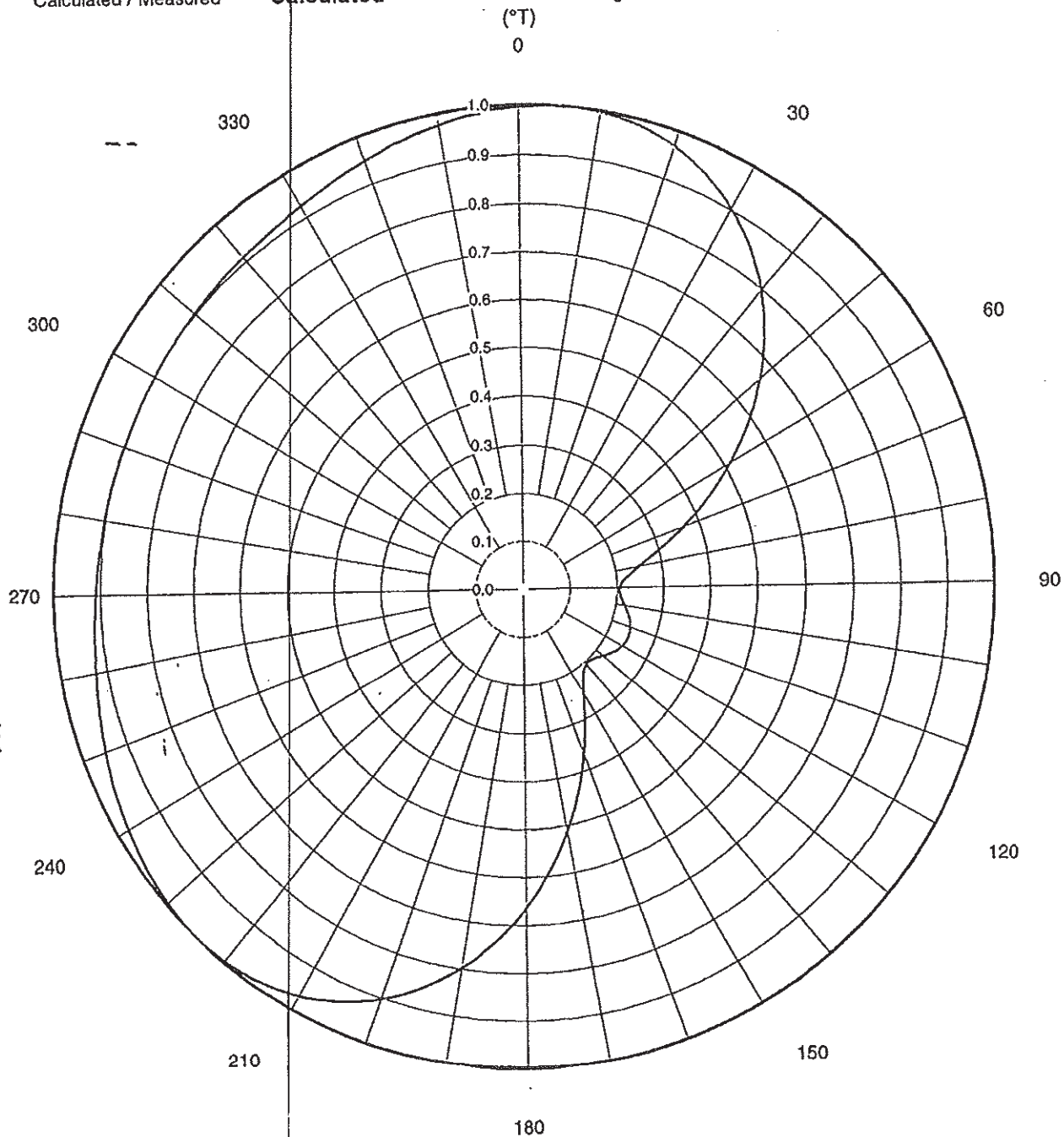
AZIMUTH PATTERN

Gain 1.70
Calculated / Measured

(2.30 dB)
Calculated

Frequency
Drawing #

515.00 MHz
TFU-C170-21



Proposal Number DCA-9659
Date 26-Oct-01
Call Letters WJPX-DT Channel 21
Location San Juan, PR
Customer WJPX
Antenna Type TFU-22DSC-R C170

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: TFU-C170-21

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.996	45	0.733	90	0.204	135	0.207	180	0.663	225	1.000	270	0.910
1	0.997	46	0.720	91	0.204	136	0.206	181	0.677	226	1.000	271	0.909
2	0.998	47	0.706	92	0.204	137	0.205	182	0.692	227	0.999	272	0.908
3	0.999	48	0.692	93	0.205	138	0.204	183	0.706	228	0.998	273	0.907
4	1.000	49	0.677	94	0.206	139	0.204	184	0.720	229	0.997	274	0.906
5	1.000	50	0.663	95	0.207	140	0.204	185	0.733	230	0.996	275	0.905
6	1.000	51	0.648	96	0.209	141	0.206	186	0.747	231	0.995	276	0.905
7	1.000	52	0.634	97	0.211	142	0.207	187	0.760	232	0.993	277	0.904
8	0.999	53	0.619	98	0.214	143	0.210	188	0.773	233	0.992	278	0.903
9	0.998	54	0.604	99	0.216	144	0.214	189	0.785	234	0.990	279	0.903
10	0.997	55	0.588	100	0.219	145	0.218	190	0.797	235	0.988	280	0.902
11	0.996	56	0.573	101	0.222	146	0.223	191	0.809	236	0.986	281	0.902
12	0.994	57	0.558	102	0.224	147	0.229	192	0.821	237	0.983	282	0.901
13	0.992	58	0.543	103	0.227	148	0.235	193	0.832	238	0.981	283	0.901
14	0.990	59	0.527	104	0.229	149	0.243	194	0.843	239	0.978	284	0.901
15	0.987	60	0.512	105	0.232	150	0.251	195	0.854	240	0.976	285	0.900
16	0.984	61	0.497	106	0.234	151	0.260	196	0.864	241	0.973	286	0.900
17	0.981	62	0.482	107	0.236	152	0.269	197	0.874	242	0.971	287	0.900
18	0.977	63	0.466	108	0.238	153	0.280	198	0.883	243	0.968	288	0.900
19	0.973	64	0.451	109	0.240	154	0.290	199	0.893	244	0.965	289	0.900
20	0.968	65	0.437	110	0.241	155	0.302	200	0.901	245	0.963	290	0.900
21	0.963	66	0.422	111	0.242	156	0.313	201	0.910	246	0.960	291	0.899
22	0.958	67	0.407	112	0.243	157	0.326	202	0.918	247	0.957	292	0.899
23	0.952	68	0.393	113	0.244	158	0.338	203	0.925	248	0.954	293	0.899
24	0.946	69	0.379	114	0.244	159	0.352	204	0.933	249	0.952	294	0.899
25	0.940	70	0.365	115	0.245	160	0.365	205	0.940	250	0.949	295	0.899
26	0.933	71	0.352	116	0.244	161	0.379	206	0.946	251	0.946	296	0.899
27	0.925	72	0.338	117	0.244	162	0.393	207	0.952	252	0.944	297	0.899
28	0.918	73	0.326	118	0.243	163	0.407	208	0.958	253	0.941	298	0.899
29	0.910	74	0.313	119	0.242	164	0.422	209	0.963	254	0.939	299	0.899
30	0.901	75	0.302	120	0.241	165	0.437	210	0.968	255	0.936	300	0.900
31	0.893	76	0.290	121	0.240	166	0.451	211	0.973	256	0.934	301	0.900
32	0.883	77	0.280	122	0.238	167	0.466	212	0.977	257	0.932	302	0.900
33	0.874	78	0.269	123	0.236	168	0.482	213	0.981	258	0.930	303	0.900
34	0.864	79	0.260	124	0.234	169	0.497	214	0.984	259	0.928	304	0.900
35	0.854	80	0.251	125	0.232	170	0.512	215	0.987	260	0.926	305	0.900
36	0.843	81	0.243	126	0.229	171	0.527	216	0.990	261	0.924	306	0.901
37	0.832	82	0.235	127	0.227	172	0.543	217	0.992	262	0.922	307	0.901
38	0.821	83	0.229	128	0.224	173	0.558	218	0.994	263	0.920	308	0.901
39	0.809	84	0.223	129	0.222	174	0.573	219	0.996	264	0.918	309	0.902
40	0.797	85	0.218	130	0.219	175	0.588	220	0.997	265	0.917	310	0.902
41	0.785	86	0.214	131	0.216	176	0.604	221	0.998	266	0.915	311	0.903
42	0.773	87	0.210	132	0.214	177	0.619	222	0.999	267	0.914	312	0.903
43	0.760	88	0.207	133	0.211	178	0.634	223	1.000	268	0.912	313	0.904
44	0.747	89	0.206	134	0.209	179	0.648	224	1.000	269	0.911	314	0.905