



Date **29 Feb 2008**  
 Call Letters **KGFE-DT** Channel **15**  
 Location **Petersburg**  
 Customer  
 Antenna Type **TFU-18DSC C170**

## TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TFU-C170**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.988	45	0.902	90	0.917	135	0.997	180	0.588	225	0.219	270	0.218	315	0.797
1	0.986	46	0.902	91	0.918	136	0.996	181	0.573	226	0.222	271	0.223	316	0.809
2	0.983	47	0.901	92	0.920	137	0.994	182	0.558	227	0.224	272	0.229	317	0.821
3	0.981	48	0.901	93	0.922	138	0.992	183	0.543	228	0.227	273	0.235	318	0.832
4	0.978	49	0.901	94	0.924	139	0.990	184	0.527	229	0.229	274	0.243	319	0.843
5	0.976	50	0.900	95	0.926	140	0.987	185	0.512	230	0.232	275	0.251	320	0.854
6	0.973	51	0.900	96	0.928	141	0.984	186	0.497	231	0.234	276	0.260	321	0.864
7	0.971	52	0.900	97	0.930	142	0.981	187	0.482	232	0.236	277	0.269	322	0.874
8	0.968	53	0.900	98	0.932	143	0.977	188	0.466	233	0.238	278	0.280	323	0.883
9	0.965	54	0.900	99	0.934	144	0.973	189	0.451	234	0.240	279	0.290	324	0.893
10	0.963	55	0.900	100	0.936	145	0.968	190	0.437	235	0.241	280	0.302	325	0.901
11	0.960	56	0.899	101	0.939	146	0.963	191	0.422	236	0.242	281	0.313	326	0.910
12	0.957	57	0.899	102	0.941	147	0.958	192	0.407	237	0.243	282	0.326	327	0.918
13	0.954	58	0.899	103	0.944	148	0.952	193	0.393	238	0.244	283	0.338	328	0.925
14	0.952	59	0.899	104	0.946	149	0.946	194	0.379	239	0.244	284	0.352	329	0.933
15	0.949	60	0.899	105	0.949	150	0.940	195	0.365	240	0.245	285	0.365	330	0.940
16	0.946	61	0.899	106	0.952	151	0.933	196	0.352	241	0.244	286	0.379	331	0.946
17	0.944	62	0.899	107	0.954	152	0.925	197	0.338	242	0.244	287	0.393	332	0.952
18	0.941	63	0.899	108	0.957	153	0.918	198	0.326	243	0.243	288	0.407	333	0.958
19	0.939	64	0.899	109	0.960	154	0.910	199	0.313	244	0.242	289	0.422	334	0.963
20	0.936	65	0.900	110	0.963	155	0.901	200	0.302	245	0.241	290	0.437	335	0.968
21	0.934	66	0.900	111	0.965	156	0.893	201	0.290	246	0.240	291	0.451	336	0.973
22	0.932	67	0.900	112	0.968	157	0.883	202	0.280	247	0.238	292	0.466	337	0.977
23	0.930	68	0.900	113	0.971	158	0.874	203	0.269	248	0.236	293	0.482	338	0.981
24	0.928	69	0.900	114	0.973	159	0.864	204	0.260	249	0.234	294	0.497	339	0.984
25	0.926	70	0.900	115	0.976	160	0.854	205	0.251	250	0.232	295	0.512	340	0.987
26	0.924	71	0.901	116	0.978	161	0.843	206	0.243	251	0.229	296	0.527	341	0.990
27	0.922	72	0.901	117	0.981	162	0.832	207	0.235	252	0.227	297	0.543	342	0.992
28	0.920	73	0.901	118	0.983	163	0.821	208	0.229	253	0.224	298	0.558	343	0.994
29	0.918	74	0.902	119	0.986	164	0.809	209	0.223	254	0.222	299	0.573	344	0.996
30	0.917	75	0.902	120	0.988	165	0.797	210	0.218	255	0.219	300	0.588	345	0.997
31	0.915	76	0.903	121	0.990	166	0.785	211	0.214	256	0.216	301	0.604	346	0.998
32	0.914	77	0.903	122	0.992	167	0.773	212	0.210	257	0.214	302	0.619	347	0.999
33	0.912	78	0.904	123	0.993	168	0.760	213	0.207	258	0.211	303	0.634	348	1.000
34	0.911	79	0.905	124	0.995	169	0.747	214	0.206	259	0.209	304	0.648	349	1.000
35	0.910	80	0.905	125	0.996	170	0.733	215	0.204	260	0.207	305	0.663	350	1.000
36	0.909	81	0.906	126	0.997	171	0.720	216	0.204	261	0.206	306	0.677	351	1.000
37	0.908	82	0.907	127	0.998	172	0.706	217	0.204	262	0.205	307	0.692	352	0.999
38	0.907	83	0.908	128	0.999	173	0.692	218	0.205	263	0.204	308	0.706	353	0.998
39	0.906	84	0.909	129	1.000	174	0.677	219	0.206	264	0.204	309	0.720	354	0.997
40	0.905	85	0.910	130	1.000	175	0.663	220	0.207	265	0.204	310	0.733	355	0.996
41	0.905	86	0.911	131	1.000	176	0.648	221	0.209	266	0.206	311	0.747	356	0.995
42	0.904	87	0.912	132	1.000	177	0.634	222	0.211	267	0.207	312	0.760	357	0.993
43	0.903	88	0.914	133	0.999	178	0.619	223	0.214	268	0.210	313	0.773	358	0.992
44	0.903	89	0.915	134	0.998	179	0.604	224	0.216	269	0.214	314	0.785	359	0.990

Remarks: