



Exhibit No.
ONE

Date
Call Letters
Location
Customer
Antenna Type

08 Nov 2011
WLWC Channel **22**
New Bedford, MA
WLWC Licensee, LLC
TFU-24DSC-R S180

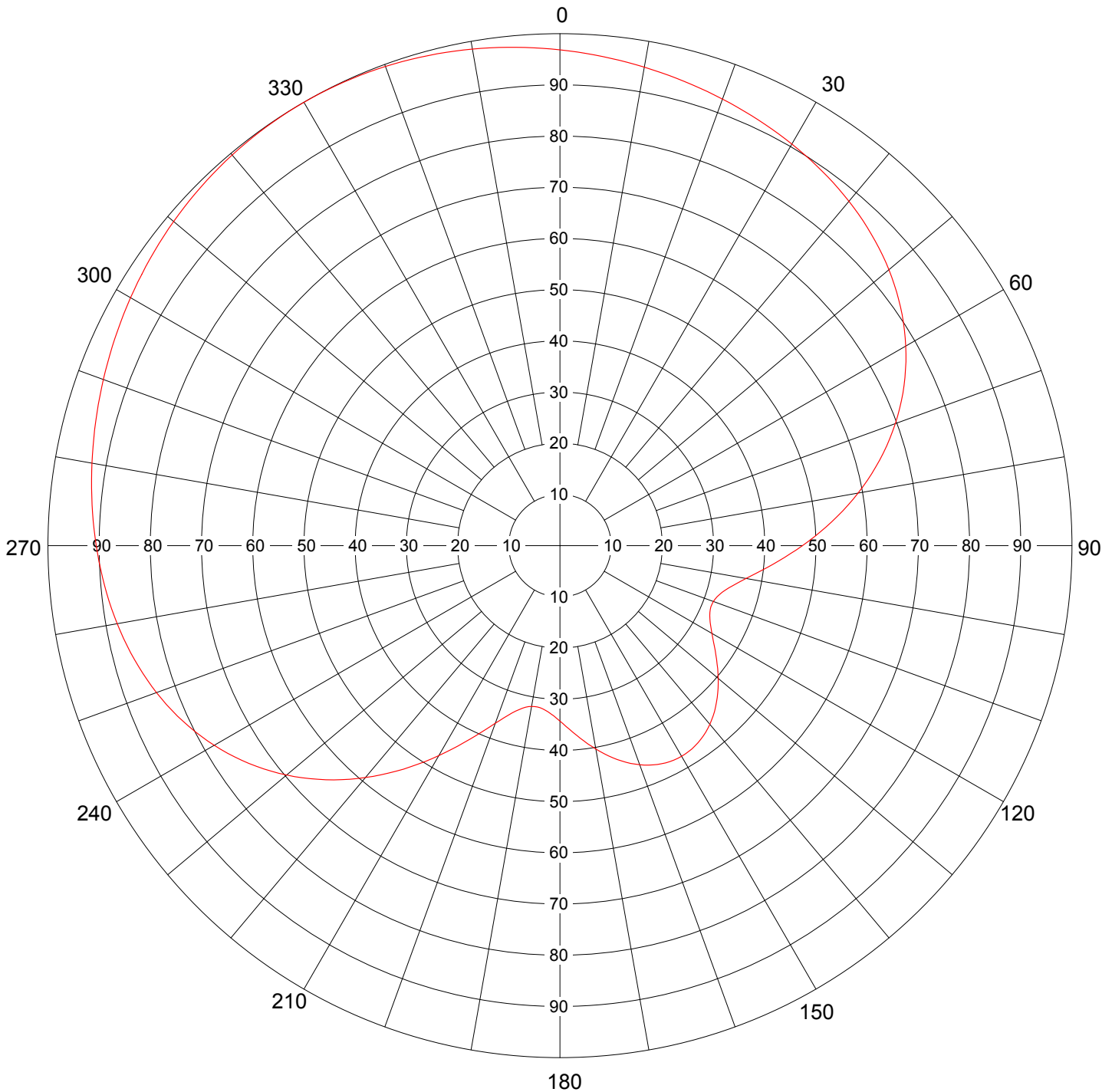
AZIMUTH PATTERN

Gain
Calculated / Measured

1.80 (2.55 dB)
Calculated

Frequency
Drawing #

521 MHz
TFU-S180



Remarks:



Date **08 Nov 2011**
 Call Letters **WLWC** Channel **22**
 Location **New Bedford, MA**
 Customer **WLWC Licensee, LLC**
 Antenna Type **TFU-24DSC-R S180**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TFU-S180**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.968	45	0.860	90	0.474	135	0.432	180	0.343	225	0.647	270	0.906	315	0.991
1	0.967	46	0.856	91	0.462	136	0.438	181	0.338	226	0.657	271	0.908	316	0.992
2	0.965	47	0.852	92	0.450	137	0.442	182	0.333	227	0.667	272	0.910	317	0.993
3	0.963	48	0.848	93	0.439	138	0.447	183	0.329	228	0.677	273	0.913	318	0.994
4	0.961	49	0.843	94	0.428	139	0.451	184	0.326	229	0.687	274	0.915	319	0.995
5	0.959	50	0.839	95	0.417	140	0.455	185	0.323	230	0.697	275	0.917	320	0.996
6	0.957	51	0.834	96	0.407	141	0.459	186	0.320	231	0.706	276	0.920	321	0.997
7	0.955	52	0.829	97	0.397	142	0.462	187	0.319	232	0.715	277	0.922	322	0.997
8	0.953	53	0.823	98	0.387	143	0.465	188	0.318	233	0.724	278	0.924	323	0.998
9	0.951	54	0.818	99	0.378	144	0.468	189	0.318	234	0.733	279	0.926	324	0.999
10	0.949	55	0.812	100	0.369	145	0.470	190	0.319	235	0.741	280	0.928	325	0.999
11	0.947	56	0.806	101	0.361	146	0.472	191	0.320	236	0.750	281	0.930	326	0.999
12	0.945	57	0.800	102	0.353	147	0.473	192	0.323	237	0.758	282	0.932	327	1.000
13	0.943	58	0.793	103	0.346	148	0.474	193	0.326	238	0.765	283	0.934	328	1.000
14	0.941	59	0.787	104	0.340	149	0.475	194	0.330	239	0.773	284	0.937	329	1.000
15	0.939	60	0.780	105	0.335	150	0.475	195	0.335	240	0.780	285	0.939	330	1.000
16	0.937	61	0.773	106	0.330	151	0.475	196	0.340	241	0.787	286	0.941	331	1.000
17	0.934	62	0.765	107	0.326	152	0.474	197	0.346	242	0.793	287	0.943	332	1.000
18	0.932	63	0.758	108	0.323	153	0.473	198	0.353	243	0.800	288	0.945	333	1.000
19	0.930	64	0.750	109	0.320	154	0.472	199	0.361	244	0.806	289	0.947	334	0.999
20	0.928	65	0.741	110	0.319	155	0.470	200	0.369	245	0.812	290	0.949	335	0.999
21	0.926	66	0.733	111	0.318	156	0.468	201	0.378	246	0.818	291	0.951	336	0.999
22	0.924	67	0.724	112	0.318	157	0.465	202	0.387	247	0.823	292	0.953	337	0.998
23	0.922	68	0.715	113	0.319	158	0.462	203	0.397	248	0.829	293	0.955	338	0.997
24	0.920	69	0.706	114	0.320	159	0.459	204	0.407	249	0.834	294	0.957	339	0.997
25	0.917	70	0.697	115	0.323	160	0.455	205	0.417	250	0.839	295	0.959	340	0.996
26	0.915	71	0.687	116	0.326	161	0.451	206	0.428	251	0.843	296	0.961	341	0.995
27	0.913	72	0.677	117	0.329	162	0.447	207	0.439	252	0.848	297	0.963	342	0.994
28	0.910	73	0.667	118	0.333	163	0.442	208	0.450	253	0.852	298	0.965	343	0.993
29	0.908	74	0.657	119	0.338	164	0.438	209	0.462	254	0.856	299	0.967	344	0.992
30	0.906	75	0.647	120	0.343	165	0.432	210	0.474	255	0.860	300	0.968	345	0.991
31	0.903	76	0.636	121	0.348	166	0.427	211	0.485	256	0.864	301	0.970	346	0.990
32	0.901	77	0.625	122	0.354	167	0.421	212	0.497	257	0.868	302	0.972	347	0.989
33	0.898	78	0.614	123	0.359	168	0.416	213	0.509	258	0.871	303	0.974	348	0.988
34	0.896	79	0.603	124	0.366	169	0.410	214	0.521	259	0.875	304	0.976	349	0.986
35	0.893	80	0.591	125	0.372	170	0.403	215	0.533	260	0.878	305	0.977	350	0.985
36	0.890	81	0.580	126	0.378	171	0.397	216	0.545	261	0.881	306	0.979	351	0.983
37	0.887	82	0.568	127	0.384	172	0.391	217	0.556	262	0.884	307	0.980	352	0.982
38	0.884	83	0.556	128	0.391	173	0.384	218	0.568	263	0.887	308	0.982	353	0.980
39	0.881	84	0.545	129	0.397	174	0.378	219	0.580	264	0.890	309	0.983	354	0.979
40	0.878	85	0.533	130	0.403	175	0.372	220	0.591	265	0.893	310	0.985	355	0.977
41	0.875	86	0.521	131	0.410	176	0.366	221	0.603	266	0.896	311	0.986	356	0.976
42	0.871	87	0.509	132	0.416	177	0.359	222	0.614	267	0.898	312	0.988	357	0.974
43	0.868	88	0.497	133	0.421	178	0.354	223	0.625	268	0.901	313	0.989	358	0.972
44	0.864	89	0.485	134	0.427	179	0.348	224	0.636	269	0.903	314	0.990	359	0.970

Remarks:

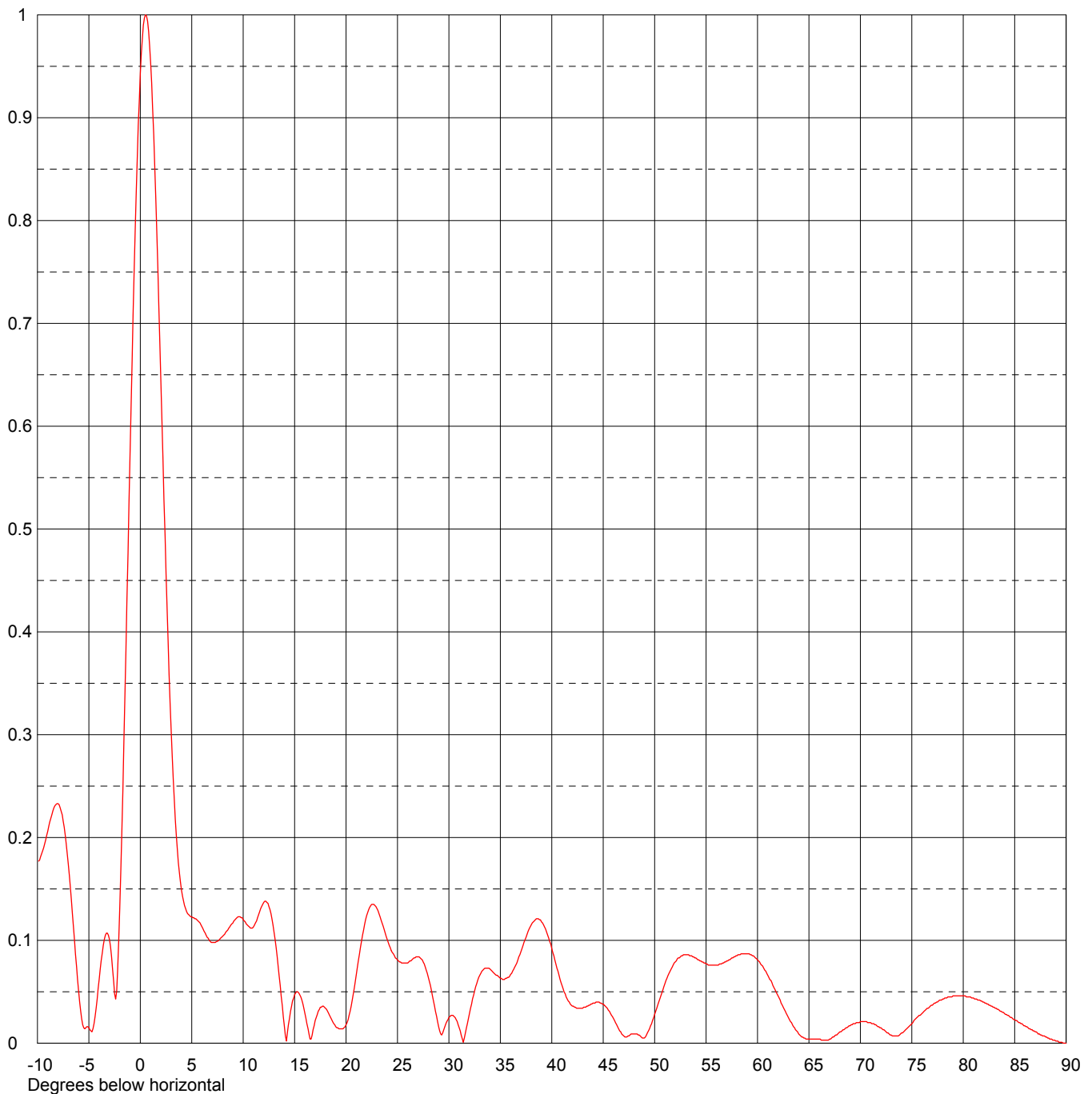


Exhibit No.
THREE

Date	08 Nov 2011	Channel	22
Call Letters	WLWC		
Location	New Bedford, MA		
Customer	WLWC Licensee, LLC		
Antenna Type	TFU-24DSC-R S180		

ELEVATION PATTERN

RMS Gain at Main Lobe	19.5 (12.90 dB)	Beam Tilt	0.50 Degrees
RMS Gain at Horizontal	17.3 (12.38 dB)	Frequency	521.00 MHz
Calculated / Measured	Calculated	Drawing #	24Q195050-90



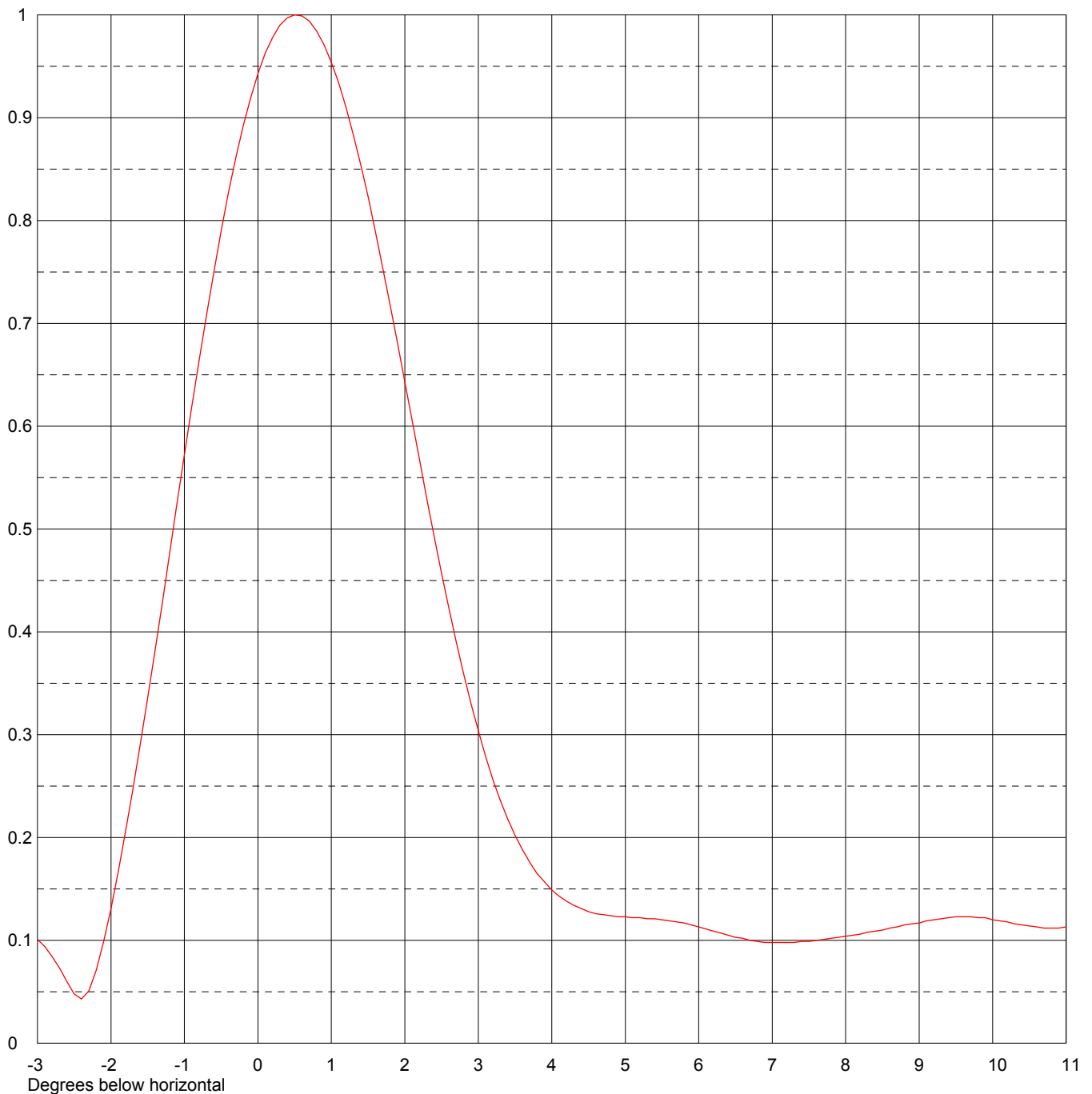
Remarks:



Date	08 Nov 2011		
Call Letters	WLWC	Channel	22
Location	New Bedford, MA		
Customer	WLWC Licensee, LLC		
Antenna Type	TFU-24DSC-R S180		

ELEVATION PATTERN

RMS Gain at Main Lobe	19.5 (12.90 dB)	Beam Tilt	0.50 Degrees
RMS Gain at Horizontal	17.3 (12.38 dB)	Frequency	521.00 MHz
Calculated / Measured	Calculated	Drawing #	24Q195050



Remarks:



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 Call Letters **WLWC** Channel **22**
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 Antenna Type **TFU-24DSC-R S180**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **24Q195050**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.175	2.4	0.493	10.6	0.113	30.5	0.026	51.0	0.058	71.5	0.018
-9.5	0.187	2.6	0.423	10.8	0.112	31.0	0.015	51.5	0.070	72.0	0.015
-9.0	0.206	2.8	0.359	11.0	0.113	31.5	0.005	52.0	0.079	72.5	0.011
-8.5	0.226	3.0	0.304	11.5	0.125	32.0	0.029	52.5	0.084	73.0	0.008
-8.0	0.233	3.2	0.256	12.0	0.137	32.5	0.051	53.0	0.086	73.5	0.007
-7.5	0.216	3.4	0.218	12.5	0.133	33.0	0.066	53.5	0.085	74.0	0.010
-7.0	0.174	3.6	0.188	13.0	0.108	33.5	0.073	54.0	0.083	74.5	0.014
-6.5	0.113	3.8	0.165	13.5	0.065	34.0	0.072	54.5	0.080	75.0	0.019
-6.0	0.051	4.0	0.149	14.0	0.017	34.5	0.067	55.0	0.077	75.5	0.025
-5.5	0.015	4.2	0.138	14.5	0.024	35.0	0.063	55.5	0.076	76.0	0.029
-5.0	0.015	4.4	0.131	15.0	0.047	35.5	0.063	56.0	0.076	76.5	0.034
-4.5	0.019	4.6	0.126	15.5	0.047	36.0	0.067	56.5	0.077	77.0	0.037
-4.0	0.062	4.8	0.124	16.0	0.029	36.5	0.076	57.0	0.080	77.5	0.040
-3.5	0.101	5.0	0.123	16.5	0.004	37.0	0.089	57.5	0.083	78.0	0.043
-3.0	0.101	5.2	0.122	17.0	0.022	37.5	0.103	58.0	0.085	78.5	0.045
-2.8	0.084	5.4	0.121	17.5	0.035	38.0	0.115	58.5	0.087	79.0	0.046
-2.6	0.060	5.6	0.119	18.0	0.034	38.5	0.121	59.0	0.087	79.5	0.046
-2.4	0.043	5.8	0.117	18.5	0.025	39.0	0.118	59.5	0.085	80.0	0.046
-2.2	0.071	6.0	0.113	19.0	0.016	39.5	0.108	60.0	0.081	80.5	0.045
-2.0	0.131	6.2	0.109	19.5	0.014	40.0	0.092	60.5	0.075	81.0	0.044
-1.8	0.206	6.4	0.105	20.0	0.018	40.5	0.073	61.0	0.066	81.5	0.042
-1.6	0.291	6.6	0.102	20.5	0.036	41.0	0.056	61.5	0.056	82.0	0.040
-1.4	0.382	6.8	0.099	21.0	0.067	41.5	0.043	62.0	0.046	82.5	0.037
-1.2	0.477	7.0	0.098	21.5	0.099	42.0	0.036	62.5	0.035	83.0	0.035
-1.0	0.572	7.2	0.098	22.0	0.124	42.5	0.034	63.0	0.025	83.5	0.032
-0.8	0.664	7.4	0.099	22.5	0.135	43.0	0.034	63.5	0.016	84.0	0.029
-0.6	0.750	7.6	0.100	23.0	0.131	43.5	0.036	64.0	0.009	84.5	0.026
-0.4	0.827	7.8	0.102	23.5	0.117	44.0	0.039	64.5	0.005	85.0	0.023
-0.2	0.892	8.0	0.104	24.0	0.101	44.5	0.040	65.0	0.004	85.5	0.020
0.0	0.943	8.2	0.106	24.5	0.088	45.0	0.038	65.5	0.004	86.0	0.017
0.2	0.978	8.4	0.109	25.0	0.081	45.5	0.032	66.0	0.004	86.5	0.014
0.4	0.997	8.6	0.112	25.5	0.078	46.0	0.024	66.5	0.003	87.0	0.011
0.6	0.999	8.8	0.115	26.0	0.078	46.5	0.014	67.0	0.004	87.5	0.008
0.8	0.984	9.0	0.117	26.5	0.082	47.0	0.007	67.5	0.007	88.0	0.006
1.0	0.954	9.2	0.120	27.0	0.084	47.5	0.007	68.0	0.011	88.5	0.004
1.2	0.910	9.4	0.122	27.5	0.079	48.0	0.009	68.5	0.014	89.0	0.002
1.4	0.854	9.6	0.123	28.0	0.064	48.5	0.008	69.0	0.017	89.5	0.001
1.6	0.789	9.8	0.122	28.5	0.041	49.0	0.005	69.5	0.019	90.0	0.000
1.8	0.718	10.0	0.120	29.0	0.016	49.5	0.014	70.0	0.021		
2.0	0.643	10.2	0.118	29.5	0.013	50.0	0.028	70.5	0.021		
2.2	0.567	10.4	0.115	30.0	0.025	50.5	0.043	71.0	0.020		

Remarks: