



Date

Call Letters

Location

Customer

Antenna Type

**WTVG-DT**

Channel

**9****CHATTANOOGA TN****THV-5A9 C140****AZIMUTH PATTERN**

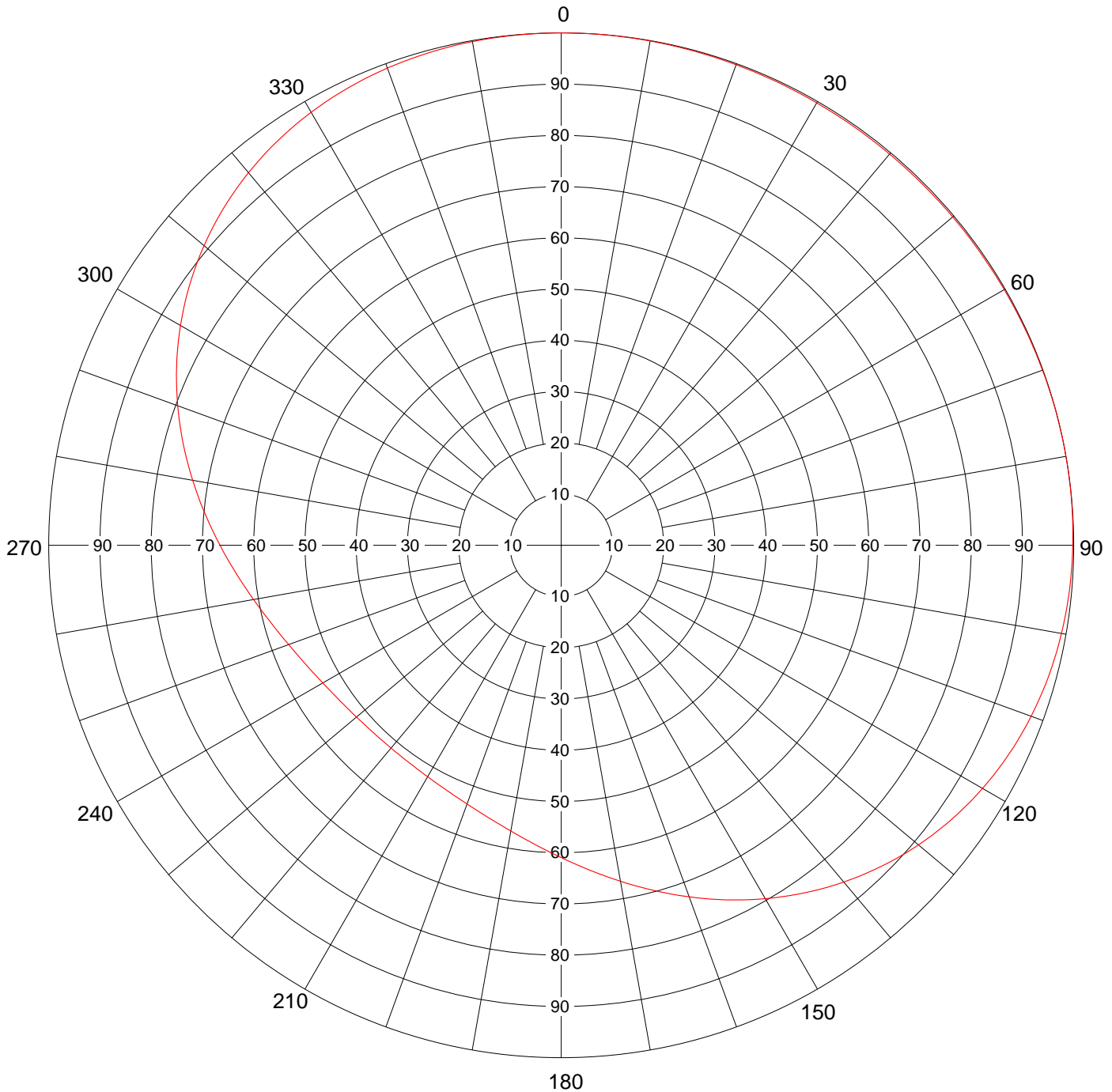
Gain

Calculated / Measured

**1.40 (1.46 dB)****Calculated**

Frequency

Drawing #

**189 MHz****THV-C140**

Remarks:



Date

Call Letters

Location

Customer

Antenna Type

WTVC-DT Channel 9

CHATTANOOGA TN

THV-5A9 C140

## TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # THV-C140

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.997	90	0.998	135	0.885	180	0.610	225	0.518	270	0.666	315	0.931
1	1.000	46	0.997	91	0.998	136	0.880	181	0.605	226	0.518	271	0.672	316	0.935
2	1.000	47	0.997	92	0.997	137	0.875	182	0.600	227	0.519	272	0.678	317	0.939
3	1.000	48	0.997	93	0.997	138	0.869	183	0.595	228	0.520	273	0.685	318	0.942
4	1.000	49	0.997	94	0.996	139	0.864	184	0.590	229	0.521	274	0.691	319	0.946
5	1.000	50	0.997	95	0.995	140	0.858	185	0.586	230	0.521	275	0.697	320	0.949
6	1.000	51	0.997	96	0.995	141	0.852	186	0.582	231	0.523	276	0.704	321	0.952
7	1.000	52	0.997	97	0.994	142	0.846	187	0.578	232	0.524	277	0.710	322	0.956
8	1.000	53	0.997	98	0.993	143	0.840	188	0.574	233	0.525	278	0.717	323	0.958
9	0.999	54	0.997	99	0.992	144	0.834	189	0.570	234	0.526	279	0.724	324	0.961
10	0.999	55	0.997	100	0.991	145	0.828	190	0.566	235	0.528	280	0.730	325	0.964
11	0.999	56	0.998	101	0.990	146	0.822	191	0.563	236	0.529	281	0.737	326	0.967
12	0.999	57	0.998	102	0.989	147	0.816	192	0.559	237	0.531	282	0.743	327	0.969
13	0.999	58	0.998	103	0.988	148	0.809	193	0.556	238	0.533	283	0.750	328	0.971
14	0.999	59	0.998	104	0.986	149	0.803	194	0.553	239	0.535	284	0.757	329	0.974
15	0.999	60	0.998	105	0.985	150	0.796	195	0.550	240	0.537	285	0.763	330	0.976
16	0.999	61	0.998	106	0.983	151	0.790	196	0.547	241	0.540	286	0.770	331	0.978
17	0.998	62	0.998	107	0.981	152	0.783	197	0.544	242	0.542	287	0.777	332	0.980
18	0.998	63	0.998	108	0.980	153	0.777	198	0.542	243	0.544	288	0.783	333	0.981
19	0.998	64	0.999	109	0.978	154	0.770	199	0.540	244	0.547	289	0.790	334	0.983
20	0.998	65	0.999	110	0.976	155	0.763	200	0.537	245	0.550	290	0.796	335	0.985
21	0.998	66	0.999	111	0.974	156	0.757	201	0.535	246	0.553	291	0.803	336	0.986
22	0.998	67	0.999	112	0.971	157	0.750	202	0.533	247	0.556	292	0.809	337	0.988
23	0.998	68	0.999	113	0.969	158	0.743	203	0.531	248	0.559	293	0.816	338	0.989
24	0.998	69	0.999	114	0.967	159	0.737	204	0.529	249	0.563	294	0.822	339	0.990
25	0.997	70	0.999	115	0.964	160	0.730	205	0.528	250	0.566	295	0.828	340	0.991
26	0.997	71	0.999	116	0.961	161	0.724	206	0.526	251	0.570	296	0.834	341	0.992
27	0.997	72	1.000	117	0.958	162	0.717	207	0.525	252	0.574	297	0.840	342	0.993
28	0.997	73	1.000	118	0.956	163	0.710	208	0.524	253	0.578	298	0.846	343	0.994
29	0.997	74	1.000	119	0.952	164	0.704	209	0.523	254	0.582	299	0.852	344	0.995
30	0.997	75	1.000	120	0.949	165	0.697	210	0.521	255	0.586	300	0.858	345	0.995
31	0.997	76	1.000	121	0.946	166	0.691	211	0.521	256	0.590	301	0.864	346	0.996
32	0.997	77	1.000	122	0.942	167	0.685	212	0.520	257	0.595	302	0.869	347	0.997
33	0.997	78	1.000	123	0.939	168	0.678	213	0.519	258	0.600	303	0.875	348	0.997
34	0.997	79	1.000	124	0.935	169	0.672	214	0.518	259	0.605	304	0.880	349	0.998
35	0.997	80	1.000	125	0.931	170	0.666	215	0.518	260	0.610	305	0.885	350	0.998
36	0.997	81	1.000	126	0.927	171	0.660	216	0.517	261	0.615	306	0.890	351	0.999
37	0.997	82	1.000	127	0.923	172	0.654	217	0.517	262	0.620	307	0.895	352	0.999
38	0.997	83	1.000	128	0.919	173	0.648	218	0.517	263	0.625	308	0.900	353	0.999
39	0.997	84	1.000	129	0.914	174	0.642	219	0.517	264	0.631	309	0.905	354	0.999
40	0.997	85	1.000	130	0.910	175	0.636	220	0.517	265	0.636	310	0.910	355	1.000
41	0.997	86	0.999	131	0.905	176	0.631	221	0.517	266	0.642	311	0.914	356	1.000
42	0.997	87	0.999	132	0.900	177	0.625	222	0.517	267	0.648	312	0.919	357	1.000
43	0.997	88	0.999	133	0.895	178	0.620	223	0.517	268	0.654	313	0.923	358	1.000
44	0.997	89	0.999	134	0.890	179	0.615	224	0.517	269	0.660	314	0.927	359	1.000

Remarks: