

APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT
FM TRANSLATOR W257CS
MORRISVILLE, NORTH CAROLINA
CHANNEL 257

Tabulation of Terrain Data and Distances to Contour for Proposed W257CS Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)	100 dBu f(50,10) Distance (km)	54 dBu f(50,10) Distance (km)	40 dBu f(50,10) Distance (km)
0	121	148	0.999	0.250	15.7	1.1	23.7	51.5
5	115	154	0.984	0.242	16.0	1.1	24.0	52.0
10	116	153	0.965	0.233	15.8	1.1	23.7	51.4
15	113	156	0.947	0.224	15.8	1.0	23.7	51.3
20	117	152	0.929	0.216	15.4	1.0	23.1	50.4
25	118	151	0.915	0.209	15.2	1.0	22.9	49.9
30	114	155	0.901	0.203	15.3	1.0	23.1	50.1
35	103	166	0.882	0.194	15.8	1.0	23.7	51.1
40	104	165	0.863	0.186	15.5	0.9	23.3	50.4
45	107	162	0.825	0.170	15.0	0.9	22.6	49.0
50	102	167	0.786	0.154	14.9	0.9	22.4	48.6
55	99	170	0.738	0.136	14.5	0.8	21.9	47.6
60	90	179	0.689	0.119	14.4	0.8	21.8	47.2
65	92	177	0.645	0.104	13.9	0.7	20.9	45.5
70	92	177	0.601	0.090	13.4	0.7	20.1	44.1
75	93	176	0.597	0.089	13.3	0.7	20.0	43.9
80	88	181	0.593	0.088	13.5	0.6	20.2	44.3
85	89	180	0.591	0.087	13.4	0.6	20.1	44.0
90	88	181	0.588	0.086	13.4	0.6	20.1	44.1
95	92	177	0.627	0.098	13.7	0.7	20.6	45.0
100	94	175	0.665	0.111	14.0	0.7	21.1	46.0
105	85	184	0.712	0.127	14.8	0.8	22.4	48.5
110	86	183	0.759	0.144	15.3	0.8	23.1	49.7
115	84	185	0.789	0.156	15.7	0.9	23.6	50.9
120	85	184	0.819	0.168	16.0	0.9	24.0	51.6
125	98	171	0.849	0.180	15.7	0.9	23.6	50.9
130	107	162	0.878	0.193	15.5	1.0	23.3	50.4
135	107	162	0.899	0.202	15.7	1.0	23.6	51.0
140	104	165	0.920	0.212	16.1	1.0	24.1	51.9
145	102	167	0.938	0.220	16.4	1.0	24.5	52.6
150	98	171	0.955	0.228	16.7	1.0	25.0	53.5
155	105	164	0.977	0.239	16.6	1.1	24.8	53.2
160	109	160	0.999	0.250	16.5	1.1	24.7	53.1
165	115	154	0.986	0.243	16.0	1.1	24.0	52.0
170	118	151	0.972	0.236	15.7	1.1	23.6	51.2
175	117	152	0.952	0.227	15.6	1.0	23.4	51.0
180	118	151	0.932	0.217	15.4	1.0	23.1	50.4
185	118	151	0.924	0.213	15.3	1.0	23.0	50.2
190	125	144	0.916	0.210	14.8	1.0	22.3	49.1
195	127	142	0.888	0.197	14.4	1.0	21.8	48.1
200	130	139	0.860	0.185	14.1	0.9	21.2	47.0
205	132	137	0.804	0.162	13.5	0.9	20.3	45.3
210	134	135	0.748	0.140	12.9	0.8	19.3	43.5
215	134	135	0.677	0.114	12.3	0.7	18.3	41.6
220	136	133	0.605	0.092	11.5	0.7	16.9	39.1
225	131	138	0.575	0.083	11.5	0.6	16.7	38.7
230	133	136	0.544	0.074	11.1	0.6	16.0	37.5
235	137	132	0.521	0.068	10.7	0.6	15.3	36.2
240	141	128	0.497	0.062	10.3	0.5	14.5	34.9

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Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)	100 dBu f(50,10) Distance (km)	54 dBu f(50,10) Distance (km)	40 dBu f(50,10) Distance (km)
245	137	132	0.489	0.060	10.4	0.5	14.5	35.0
250	135	134	0.480	0.058	10.4	0.5	14.5	35.0
255	140	129	0.478	0.057	10.2	0.5	14.2	34.3
260	134	135	0.476	0.057	10.4	0.5	14.6	35.0
265	127	142	0.470	0.055	10.6	0.5	14.9	35.6
270	129	140	0.463	0.054	10.4	0.5	14.6	35.1
275	129	140	0.462	0.053	10.4	0.5	14.6	35.0
280	124	145	0.461	0.053	10.6	0.5	15.0	35.6
285	124	145	0.477	0.057	10.8	0.5	15.4	36.2
290	123	146	0.492	0.061	11.0	0.5	15.8	36.9
295	121	148	0.514	0.066	11.3	0.6	16.4	37.9
300	118	151	0.535	0.072	11.6	0.6	17.0	39.0
305	121	148	0.600	0.090	12.1	0.7	17.9	40.7
310	118	151	0.664	0.110	12.9	0.7	19.3	43.1
315	116	153	0.714	0.127	13.5	0.8	20.3	44.8
320	117	152	0.764	0.146	13.9	0.8	21.0	46.1
325	121	148	0.794	0.158	13.9	0.9	21.0	46.4
330	122	147	0.824	0.170	14.2	0.9	21.4	47.1
335	123	146	0.861	0.185	14.4	0.9	21.7	47.9
340	117	152	0.897	0.201	15.1	1.0	22.8	49.6
345	115	154	0.932	0.217	15.5	1.0	23.4	50.8
350	117	152	0.967	0.234	15.7	1.1	23.7	51.3
355	120	149	0.983	0.242	15.7	1.1	23.6	51.3

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Tabulation of Terrain Data and Distances to Contour for W255AM Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)
0	115	67	1.000	0.099	8.45
5	109	73	0.997	0.098	8.79
10	108	74	0.994	0.098	8.86
15	105	77	0.983	0.096	8.93
20	103	79	0.971	0.093	9.02
25	108	74	0.952	0.090	8.62
30	118	64	0.932	0.086	7.91
35	99	83	0.911	0.082	8.93
40	97	85	0.889	0.078	8.94
45	91	91	0.875	0.076	9.19
50	84	98	0.860	0.073	9.44
55	85	97	0.836	0.069	9.26
60	84	98	0.811	0.065	9.20
65	85	97	0.778	0.060	8.93
70	81	101	0.744	0.055	8.95
75	79	103	0.700	0.049	8.74
80	84	98	0.656	0.043	8.27
85	78	104	0.602	0.036	8.12
90	81	101	0.547	0.030	7.65
95	82	100	0.510	0.026	7.35
100	83	99	0.472	0.022	7.06
105	79	103	0.458	0.021	7.07
110	83	99	0.443	0.019	6.83
115	80	102	0.429	0.018	6.83
120	79	103	0.415	0.017	6.77
125	74	108	0.405	0.016	6.84
130	74	108	0.395	0.015	6.76
135	65	117	0.387	0.015	6.94
140	62	120	0.378	0.014	6.95
145	69	113	0.373	0.014	6.72
150	70	112	0.368	0.013	6.65
155	75	107	0.369	0.013	6.52
160	79	103	0.369	0.013	6.38
165	83	99	0.377	0.014	6.33
170	89	93	0.384	0.015	6.16
175	94	88	0.404	0.016	6.15
180	91	91	0.423	0.018	6.39
185	94	88	0.449	0.020	6.46
190	99	83	0.475	0.022	6.44
195	111	71	0.510	0.026	6.18

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Tabulation of Terrain Data and Distances to Contour for W255AM Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)
200	110	72	0.545	0.029	6.40
205	114	68	0.587	0.034	6.44
210	117	65	0.628	0.039	6.53
215	122	60	0.687	0.047	6.58
220	131	51	0.745	0.055	6.34
225	133	49	0.793	0.062	6.38
230	130	52	0.840	0.070	6.75
235	131	51	0.871	0.075	6.80
240	130	52	0.902	0.081	6.98
245	129	53	0.916	0.083	7.16
250	122	60	0.929	0.085	7.67
255	118	64	0.937	0.087	7.95
260	109	73	0.945	0.088	8.55
265	95	87	0.956	0.090	9.41
270	94	88	0.966	0.092	9.48
275	108	74	0.974	0.094	8.72
280	111	71	0.981	0.095	8.62
285	113	69	0.984	0.096	8.49
290	113	69	0.986	0.096	8.50
295	114	68	0.987	0.096	8.41
300	120	62	0.988	0.097	8.03
305	127	55	0.985	0.10	7.56
310	135	47	0.982	0.10	6.96
315	133	49	0.991	0.10	7.13
320	134	48	0.999	0.10	7.08
325	131	51	0.997	0.10	7.32
330	127	55	0.995	0.10	7.62
335	121	61	0.993	0.10	8.01
340	118	64	0.990	0.10	8.19
345	118	64	0.993	0.10	8.17
350	115	67	0.996	0.10	8.39
355	116	66	0.998	0.10	8.36

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Tabulation of Terrain Data and Distances to Contour for W256AH Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)
0	159	86	1.000	0.250	12.0
5	161	84	1.000	0.250	11.8
10	165	80	1.000	0.250	11.5
15	154	91	1.000	0.250	12.3
20	151	94	1.000	0.250	12.5
25	151	94	1.000	0.250	12.5
30	153	92	1.000	0.250	12.4
35	149	96	1.000	0.250	12.6
40	141	104	1.000	0.250	13.1
45	135	110	1.000	0.250	13.5
50	130	115	1.000	0.250	13.8
55	126	119	1.000	0.250	14.0
60	129	116	1.000	0.250	13.9
65	129	116	1.000	0.250	13.8
70	118	127	1.000	0.250	14.5
75	107	138	1.000	0.250	15.1
80	102	143	1.000	0.250	15.4
85	99	146	1.000	0.250	15.6
90	99	146	1.000	0.250	15.6
95	95	150	1.000	0.250	15.9
100	92	153	1.000	0.250	16.1
105	88	157	1.000	0.250	16.4
110	94	151	1.000	0.250	16.0
115	99	146	1.000	0.250	15.7
120	97	148	1.000	0.250	15.8
125	99	146	1.000	0.250	15.6
130	100	145	1.000	0.250	15.5
135	103	142	1.000	0.250	15.4
140	104	141	1.000	0.250	15.3
145	105	140	1.000	0.250	15.2
150	107	138	1.000	0.250	15.1
155	112	133	1.000	0.250	14.8
160	112	133	1.000	0.250	14.8
165	112	133	1.000	0.250	14.8
170	111	134	1.000	0.250	14.9
175	116	129	1.000	0.250	14.6
180	118	127	1.000	0.250	14.5
185	116	129	1.000	0.250	14.6
190	117	128	1.000	0.250	14.5
195	121	124	1.000	0.250	14.3

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Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)
200	130	115	1.000	0.250	13.8
205	136	109	1.000	0.250	13.4
210	139	106	1.000	0.250	13.2
215	140	105	1.000	0.250	13.2
220	146	99	1.000	0.250	12.8
225	154	91	1.000	0.250	12.3
230	154	91	1.000	0.250	12.3
235	166	79	1.000	0.250	11.5
240	180	65	1.000	0.250	10.5
245	187	58	1.000	0.250	10.0
250	178	67	1.000	0.250	10.7
255	165	80	1.000	0.250	11.5
260	179	66	1.000	0.250	10.6
265	180	65	1.000	0.250	10.5
270	178	67	1.000	0.250	10.7
275	180	65	1.000	0.250	10.5
280	184	61	1.000	0.250	10.3
285	181	64	1.000	0.250	10.5
290	185	60	1.000	0.250	10.1
295	184	61	1.000	0.250	10.3
300	179	66	1.000	0.250	10.6
305	182	63	1.000	0.25	10.4
310	179	66	1.000	0.25	10.6
315	178	67	1.000	0.25	10.7
320	178	67	1.000	0.25	10.7
325	178	67	1.000	0.25	10.7
330	178	67	1.000	0.25	10.7
335	179	66	1.000	0.25	10.6
340	179	66	1.000	0.25	10.6
345	174	71	1.000	0.25	10.9
350	169	76	1.000	0.25	11.3
355	165	80	1.000	0.25	11.6

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Tabulation of Terrain Data and Distances to Contour for WZAX Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)
0	58	95	1.000	6.000	27.7
5	54	99	1.000	6.000	28.1
10	51	102	1.000	6.000	28.6
15	53	100	1.000	6.000	28.3
20	52	101	1.000	6.000	28.4
25	53	100	1.000	6.000	28.2
30	52	101	1.000	6.000	28.4
35	52	101	1.000	6.000	28.5
40	51	102	1.000	6.000	28.5
45	51	102	1.000	6.000	28.5
50	49	104	1.000	6.000	28.9
55	47	106	1.000	6.000	29.1
60	46	107	1.000	6.000	29.2
65	48	105	1.000	6.000	29.0
70	48	105	1.000	6.000	29.0
75	45	108	1.000	6.000	29.3
80	42	111	1.000	6.000	29.7
85	40	113	1.000	6.000	29.9
90	40	113	1.000	6.000	29.9
95	40	113	1.000	6.000	29.9
100	43	110	1.000	6.000	29.6
105	43	110	1.000	6.000	29.6
110	44	109	1.000	6.000	29.5
115	44	109	1.000	6.000	29.5
120	45	108	1.000	6.000	29.3
125	45	108	1.000	6.000	29.3
130	46	107	1.000	6.000	29.2
135	47	106	1.000	6.000	29.1
140	46	107	1.000	6.000	29.2
145	46	107	1.000	6.000	29.3
150	46	107	1.000	6.000	29.2
155	46	107	1.000	6.000	29.2
160	47	106	1.000	6.000	29.1
165	51	102	1.000	6.000	28.6
170	52	101	1.000	6.000	28.4
175	53	100	1.000	6.000	28.3
180	51	102	1.000	6.000	28.6
185	49	104	1.000	6.000	28.9
190	49	104	1.000	6.000	28.8
195	50	103	1.000	6.000	28.7

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200	50	103	1.000	6.000	28.6
205	53	100	1.000	6.000	28.3
210	53	100	1.000	6.000	28.3
215	56	97	1.000	6.000	27.9
220	57	96	1.000	6.000	27.7
225	59	94	1.000	6.000	27.5
230	62	91	1.000	6.000	27.0
235	61	92	1.000	6.000	27.2
240	62	91	1.000	6.000	27.1
245	63	90	1.000	6.000	26.9
250	62	91	1.000	6.000	27.1
255	64	89	1.000	6.000	26.7
260	66	87	1.000	6.000	26.4
265	68	85	1.000	6.000	26.3
270	70	83	1.000	6.000	25.9
275	71	82	1.000	6.000	25.8
280	72	81	1.000	6.000	25.6
285	73	80	1.000	6.000	25.4
290	68	85	1.000	6.000	26.3
295	70	83	1.000	6.000	25.9
300	73	80	1.000	6.000	25.5
305	64	89	1.000	6.00	26.7
310	55	98	1.000	6.00	28.0
315	64	89	1.000	6.00	26.8
320	67	86	1.000	6.00	26.4
325	72	81	1.000	6.00	25.7
330	71	82	1.000	6.00	25.8
335	64	89	1.000	6.00	26.7
340	57	96	1.000	6.00	27.7
345	63	90	1.000	6.00	26.9
350	67	86	1.000	6.00	26.4
355	61	92	1.000	6.00	27.1

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Tabulation of Terrain Data and Distances to Contour for WMAG Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)
0	247	434	1.000	100.0	82.2
5	250	431	1.000	100.0	82.0
10	245	436	1.000	100.0	82.4
15	243	438	1.000	100.0	82.5
20	243	438	1.000	100.0	82.5
25	248	433	1.000	100.0	82.2
30	240	441	1.000	100.0	82.8
35	244	437	1.000	100.0	82.5
40	242	439	1.000	100.0	82.7
45	239	442	1.000	100.0	82.9
50	233	448	1.000	100.0	83.3
55	233	448	1.000	100.0	83.3
60	232	449	1.000	100.0	83.3
65	234	447	1.000	100.0	83.2
70	236	445	1.000	100.0	83.1
75	234	447	1.000	100.0	83.2
80	231	450	1.000	100.0	83.5
85	229	452	1.000	100.0	83.6
90	229	452	1.000	100.0	83.5
95	235	446	1.000	100.0	83.1
100	238	443	1.000	100.0	82.9
105	236	445	1.000	100.0	83.1
110	231	450	1.000	100.0	83.4
115	230	451	1.000	100.0	83.5
120	228	453	1.000	100.0	83.6
125	227	454	1.000	100.0	83.7
130	224	457	1.000	100.0	84.0
135	216	465	1.000	100.0	84.5
140	219	462	1.000	100.0	84.3
145	203	478	1.000	100.0	85.3
150	210	471	1.000	100.0	84.9
155	218	463	1.000	100.0	84.4
160	223	458	1.000	100.0	84.0
165	226	455	1.000	100.0	83.8
170	228	453	1.000	100.0	83.6
175	223	458	1.000	100.0	84.0
180	214	467	1.000	100.0	84.6
185	207	474	1.000	100.0	85.1
190	209	472	1.000	100.0	85.0
195	214	467	0.893	79.7	82.4

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Tabulation of Terrain Data and Distances to Contour for WMAG Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)
200	228	453	0.785	61.6	78.7
205	216	465	0.708	50.1	77.3
210	196	485	0.630	39.7	76.2
215	205	476	0.565	31.9	73.1
220	213	468	0.500	25.0	69.8
225	213	468	0.450	20.3	67.4
230	216	465	0.400	16.0	64.7
235	219	462	0.360	13.0	62.4
240	218	463	0.320	10.2	60.1
245	214	467	0.360	13.0	62.7
250	221	460	0.400	16.0	64.4
255	222	459	0.455	20.7	67.1
260	226	455	0.510	26.0	69.3
265	229	452	0.575	33.1	71.8
270	233	448	0.640	41.0	73.9
275	236	445	0.740	54.8	76.8
280	240	441	0.840	70.6	79.2
285	237	444	0.940	88.4	81.7
290	242	439	1.000	100.0	82.6
295	244	437	1.000	100.0	82.5
300	245	436	1.000	100.0	82.4
305	245	436	1.000	100.0	82.4
310	245	436	1.000	100.0	82.4
315	245	436	0.930	86.5	81.0
320	240	441	0.860	74.0	79.7
325	229	452	0.765	58.5	78.0
330	230	451	0.670	44.9	75.1
335	234	447	0.780	60.8	78.1
340	230	451	0.890	79.2	81.1
345	235	446	0.982	96.4	82.8
350	241	440	1.000	100.0	82.7
355	243	438	1.000	100.0	82.6

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Tabulation of Terrain Data and Distances to Contour for WCMC-FM Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)	77.8 dBu f(50,50) Distance (km)
0	64	233	1.000	26.50	54.3	22.9
5	71	226	1.000	26.50	53.8	22.6
10	76	221	1.000	26.50	53.4	22.3
15	78	219	1.000	26.50	53.2	22.2
20	80	217	1.000	26.50	53.0	22.1
25	79	218	1.000	26.50	53.1	22.2
30	77	220	1.000	26.50	53.3	22.3
35	71	226	1.000	26.50	53.8	22.6
40	70	227	1.000	26.50	53.8	22.6
45	73	224	1.000	26.50	53.6	22.5
50	73	224	1.000	26.50	53.6	22.4
55	72	225	1.000	26.50	53.7	22.5
60	68	229	1.000	26.50	54.0	22.7
65	67	230	1.000	26.50	54.1	22.8
70	69	228	1.000	26.50	53.9	22.6
75	70	227	1.000	26.50	53.8	22.6
80	81	216	1.000	26.50	52.9	22.1
85	83	214	1.000	26.50	52.8	22.0
90	85	212	1.000	26.50	52.6	21.9
95	81	216	1.000	26.50	53.0	22.1
100	72	225	1.000	26.50	53.7	22.5
105	74	223	1.000	26.50	53.5	22.4
110	84	213	1.000	26.50	52.7	21.9
115	88	209	1.000	26.50	52.4	21.7
120	88	209	1.000	26.50	52.3	21.7
125	88	209	1.000	26.50	52.3	21.7
130	87	210	1.000	26.50	52.5	21.8
135	84	213	1.000	26.50	52.7	21.9
140	83	214	1.000	26.50	52.8	22.0
145	82	215	1.000	26.50	52.9	22.0
150	80	217	1.000	26.50	53.0	22.1
155	77	220	1.000	26.50	53.3	22.3
160	72	225	1.000	26.50	53.7	22.5
165	70	227	1.000	26.50	53.8	22.6
170	68	229	1.000	26.50	54.0	22.7
175	72	225	1.000	26.50	53.7	22.5
180	78	219	1.000	26.50	53.2	22.2
185	77	220	1.000	26.50	53.3	22.3
190	76	221	1.000	26.50	53.4	22.3
195	77	220	1.000	26.50	53.3	22.2
200	78	219	1.000	26.50	53.2	22.2

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Tabulation of Terrain Data and Distances to Contour for WCMC-FM Facility

Azimuth (deg)	3.2-16.1 km Average Elevation (based on U.S.G.S. 3-Second Data)	HAAT	Relative Field	ERP (kW)	60 dBu f(50,50) Distance (km)	77.8 dBu f(50,50) Distance (km)
205	77	220	1.000	26.50	53.2	22.2
210	82	215	1.000	26.50	52.8	22.0
215	80	217	1.000	26.50	53.0	22.1
220	86	211	1.000	26.50	52.5	21.8
225	86	211	1.000	26.50	52.5	21.8
230	90	207	1.000	26.50	52.2	21.6
235	93	204	1.000	26.50	52.0	21.5
240	97	200	1.000	26.50	51.6	21.3
245	98	199	1.000	26.50	51.6	21.3
250	96	201	1.000	26.50	51.7	21.3
255	98	199	1.000	26.50	51.6	21.3
260	96	201	1.000	26.50	51.7	21.3
265	93	204	1.000	26.50	52.0	21.5
270	93	204	1.000	26.50	52.0	21.5
275	89	208	1.000	26.50	52.3	21.7
280	100	197	1.000	26.50	51.4	21.1
285	103	194	1.000	26.50	51.1	21.0
290	102	195	1.000	26.50	51.3	21.1
295	106	191	1.000	26.50	50.9	20.8
300	110	187	1.000	26.50	50.5	20.6
305	99	198	1.000	26.50	51.5	21.2
310	92	205	1.000	26.50	52.1	21.5
315	87	210	1.000	26.50	52.5	21.8
320	85	212	1.000	26.50	52.6	21.9
325	82	215	1.000	26.50	52.9	22.0
330	77	220	1.000	26.50	53.3	22.3
335	71	226	1.000	26.50	53.7	22.5
340	73	224	1.000	26.50	53.6	22.4
345	78	219	1.000	26.50	53.2	22.2
350	79	218	1.000	26.50	53.1	22.1
355	73	224	1.000	26.50	53.6	22.5