

Sprinkler Innovations
 Telescoping Retractable
 Sprinkler Head

EUT

FREQUENCY	Sprinkler Head					DYNAMIC	Spec
Electric	Filled w/water					RANGE	dB
10 KHz	>110					110	100
100 KHz	>110					110	100
1 MHz	>110					110	100
10 MHz	>110					110	100
Magnetic							
10 KHz	>66					66	56
100 KHz	>100					100	90
1 MHz	>110					110	100
10 MHz	>110					110	100
Planewave							
100 MHz	>110					110	100
400 MHz	>110					110	100
1 GHz	>110					110	100
3 GHz	>110					110	100
6 GHz	>110					110	100
10 GHz	>110					110	100
18 GHz	>110					110	100
26.5GHz	>105					105	100
40 GHz	>105					105	100

Test Position

DESCRIPTIONS:

1 Telescoping Retractable Sprinkler Head

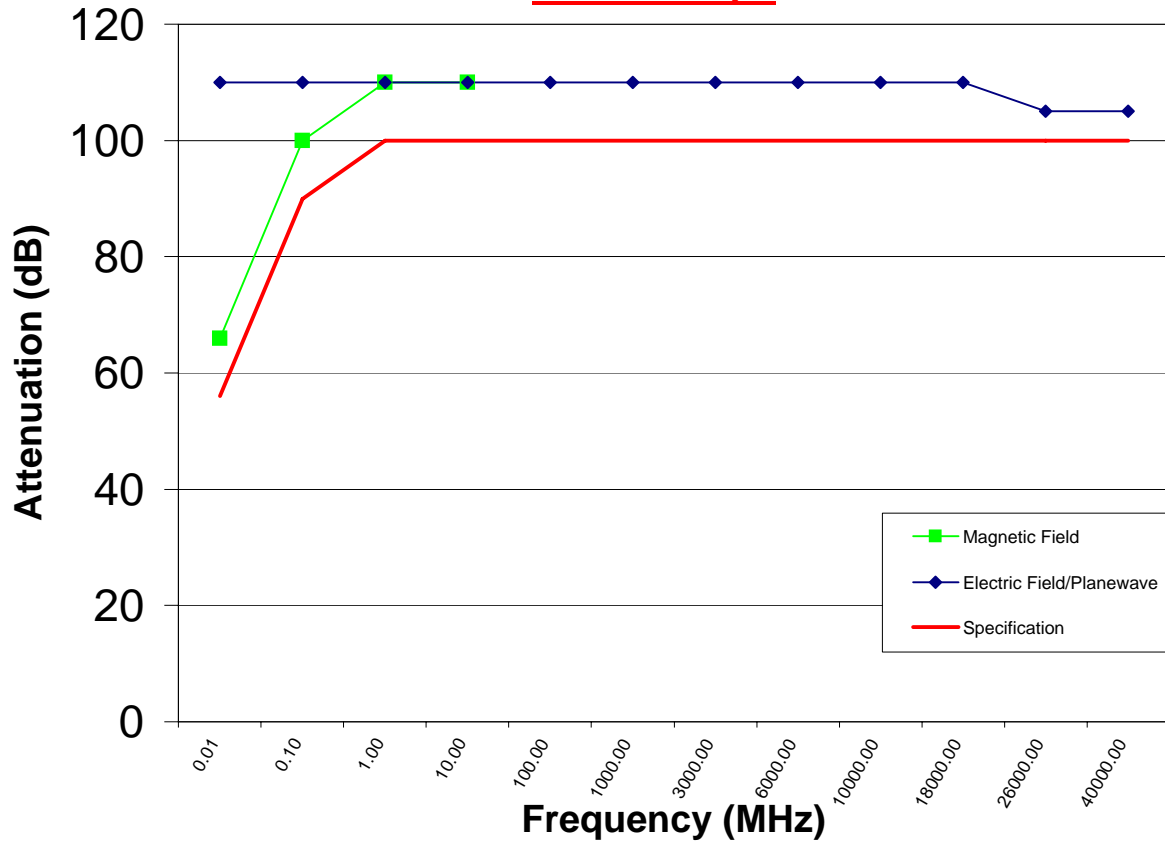
This sprinkler head design had a stainless steel base with Kevlar cord going through the base via 1/32" drilled holes. This provided a Waveguide Below Cut-off for the frequency range of interest.



ADVANCED TESTING SERVICES, INC.
 9420 SAN MATEO BLVD. NE, SUITE C
 ALBUQUERQUE, NM 87113
 505-292-2032

Sprinkler Innovations
 Telescoping Retractable
 Sprinkler Head

RF Shielding Effectiveness Levels for 'Sprinkler Innovations' Telescoping Retractable Sprinkler Head with Water in Pipe



Frequency	Magnetic Field	Electric/Planewave	Specification
0.01	66	110	56
0.1	100	110	90
1	110	110	100
10	110	110	100
100		110	100
1000		110	100
3000		110	100
6000		110	100
10000		110	100
18000		110	100
26000		105	100
40000		105	100