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June 4, 2008

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VIA HAND DELIVERY

FILED/ACCEPTED

JUN - 4 2008

Federal Communications Commission
Office of the Secretary

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Sirius Satellite Radio Inc.
IBFS File No. SAT-STA-20061207-00145
IBFS File No. SAT-STA-20070719-00104
IBFS File No. SAT-STA-20070928-00135
IBFS File No. SAT-STA-20071213-00174

Dear Ms. Dortch:

Sirius Satellite Radio Inc. ("Sirius") hereby files this letter providing updated information related to its Special Temporary Authority¹ to operate terrestrial repeaters at the sites approved on the above-captioned applications.

Specifically, Sirius provides updated information regarding the antennas to be used in connection with the terrestrial repeaters at these sites. In 2006, prior to the construction of the sites listed on these applications, Andrew Corporation acquired EMS Wireless, Sirius's original antenna supplier. Subsequently, Andrew discontinued the antenna models listed on the above-referenced applications and replaced them with two new models. A letter from Andrew Corporation detailing this discontinuance is attached as Exhibit A.

Because of this discontinuance, Sirius plans to deploy the two Andrew units in lieu of the original EMS antenna models at all of the sites listed on the affected applications. For the Commission's convenience, Sirius has provided a list of the affected sites as Exhibit B. Sirius emphasizes that the change in antenna models will have no effect on the other technical parameters listed in the subject applications, including repeater power, downtilt, sectorization, antenna height, and

¹ There are pending requests for renewal in connection with three of these application. IBFS File No. SAT-STA-20071220-00179 seeks to renew SAT-STA-20061207-00145, IBFS File No. SAT-STA-20080314-00071 seeks to renew SAT-STA-20070719-00104, and IBFS File No. SAT-STA-20080530-00116 seeks to renew IBFS File No. SAT-STA-20070928-00135. Sirius will also seek renewal of the other application affected prior to the expiration of its 180-day term.



June 4, 2008

Page 2

location. In addition, as noted in the attached technical comparison, Exhibit C, the Andrew models are substantially similar to their EMS predecessors and will present no additional potential for interference.

Should you have any questions regarding this filing, please contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Frank", enclosed within a large, horizontal oval scribble.

Carl R. Frank
Counsel to Sirius Satellite Radio

Cc: Roderick Porter
Stephen Duall

Exhibit A



10 March 2008

Brian Damstrom
Sirius Satellite Radio
Sr. Engineer RF Network Design & Integration

Re: Andrew Replacement Antennas for EMS Wireless Antenna Models

Dear Brian,

There are antenna models that Sirius utilized in their network that EMS Wireless supplied that have been replaced by Andrew Corporation antenna models. Andrew Corporation acquired EMS Wireless in 2006.

These EMS Wireless antennas have been discontinued and have been replaced with Andrew models.

The antenna models and their replacements are as follows:

<u>EMS Model</u>	<u>Andrew Model</u>
FR65-18-00NVL	SA2500-065X-18
FR90-17-00NVL	SA2500-090X-16

If you require any additional information, please do not hesitate to contact us

Best regards,

Vince Caputo
Product Line Manager - Base Station Antenna Systems
Andrew Wireless Solutions - A CommScope Company

Exhibit B

Affected Repeater Sites

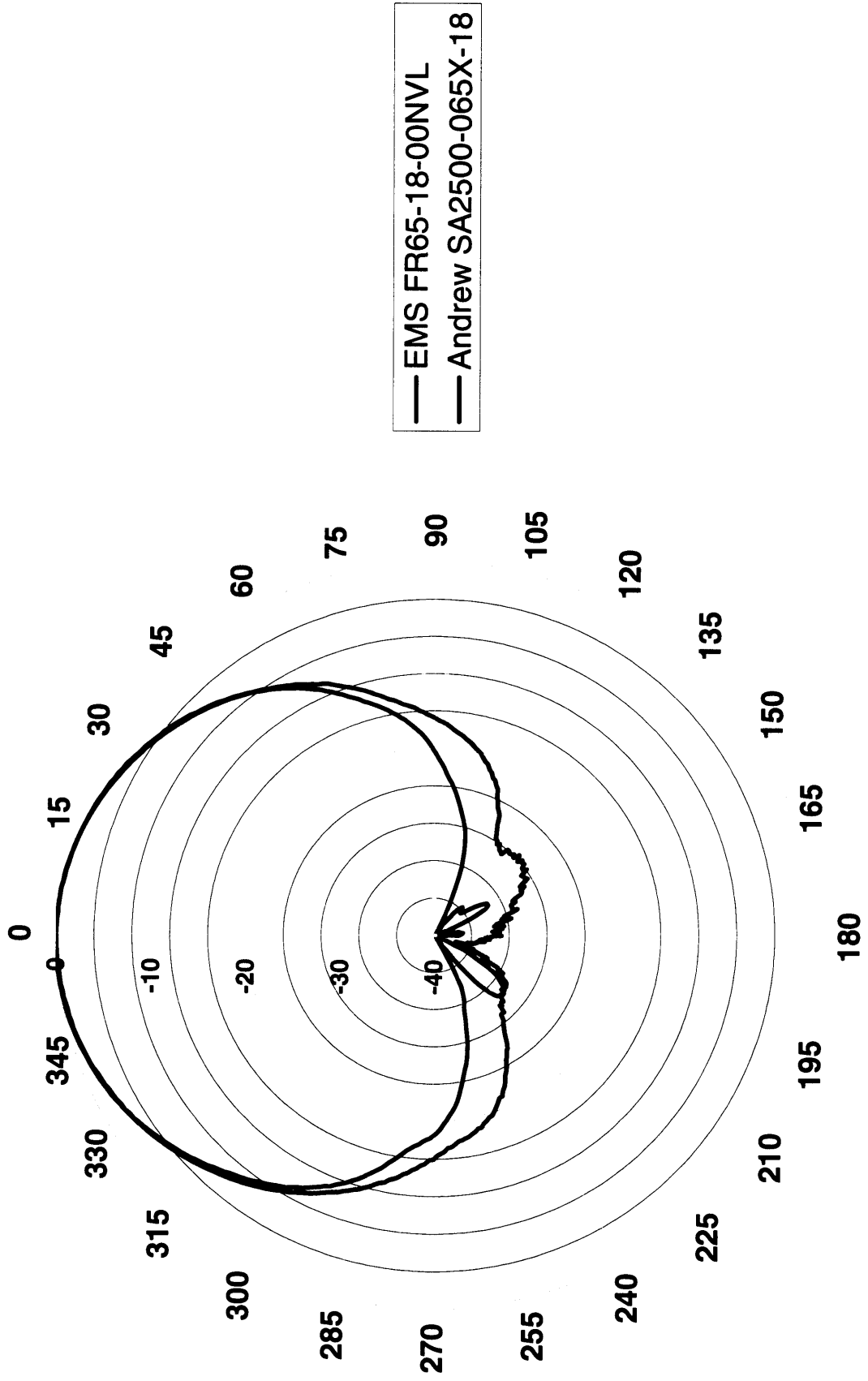
Site Number	Market	STA File#	EMS Antenna Type	Andrew Antenna Type
02-02	Atlanta	SAT-STA-20061207-00145	EMS FR90-17-00NVL / EMS FR65-18-00NVL	Andrew SA2500-090X-16 / Andrew SA2500-065X-18
02-05	Atlanta	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
02-06	Atlanta	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
02-07	Atlanta	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
02-08	Atlanta	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
07-34	Chicago	SAT-STA-20061207-00145	EMS FR90-17-00NVL / EMS FR65-18-00NVL	Andrew SA2500-090X-16 / Andrew SA2500-065X-18
07-33	Chicago	SAT-STA-20061207-00145	EMS FR65-18-00NVL / EMS FR90-17-00NVL	Andrew SA2500-065X-18 / Andrew SA2500-090X-16
09-01	Cleveland	SAT-STA-20061207-00145	EMS FR90-17-00NVL	Andrew SA2500-090X-16
14-02	Detroit	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
18-03	Kansas City	SAT-STA-20061207-00145	EMS FR65-18-00NVL / EMS FR90-17-00NVL	Andrew SA2500-065X-18 / Andrew SA2500-090X-16
27-17	New York	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
52-02	Orlando	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
30-04	Phoenix	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
45-02	Tampa	SAT-STA-20061207-00145	EMS FR65-18-00NVL	Andrew SA2500-065X-18
45-05	Tampa	SAT-STA-20061207-00145	EMS FR90-17-00NVL / EMS FR65-18-00NVL	Andrew SA2500-090X-16 / Andrew SA2500-065X-18
08-01	Cincinnati, OH	SAT-STA-20070719-00104	EMS FR65-18-00NVL	Andrew SA2500-065X-18
43-04	St. Louis, MO	SAT-STA-20070719-00104	EMS FR65-18-00NVL	Andrew SA2500-065X-18
16-03	Houston, TX	SAT-STA-20070719-00104	EMS FR65-18-00NVL	Andrew SA2500-065X-18
16-04	Houston, TX	SAT-STA-20070719-00104	EMS FR65-18-00NVL	Andrew SA2500-065X-18
22-01	Miami, FL	SAT-STA-20070719-00104	EMS FR65-18-00NVL	Andrew SA2500-065X-18
02-01	Atlanta, GA	SAT-STA-20070928-00135	EMS FR90-17-00NVL / EMS FR65-18-00NVL	Andrew SA2500-090X-16 / Andrew SA2500-065X-18
07-32	Chicago, IL	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
11-04	Dallas, TX	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
16-05	Houston, TX	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
27-02	New York, NY	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
27-03	New York, NY	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
45-03	Tampa, FL	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
11-01	Dallas, TX	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
27-04	New York, NY	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
27-27	New York, NY	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
52-05	Orlando, FL	SAT-STA-20070928-00135	EMS FR65-18-00NVL / EMS FR90-17-00NVL	Andrew SA2500-065X-18 / Andrew SA2500-090X-16
43-01	St Louis, MO	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
43-02	St Louis, MO	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
45-04	Tampa, FL	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
45-01	Tampa, FL	SAT-STA-20070928-00135	EMS FR65-18-00NVL	Andrew SA2500-065X-18
03-03	Baltimore, MD	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
28-14	Bogota, NJ	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
08-03	Cincinnati, OH	SAT-STA-20071213-00174	EMS FR90-17-00NVL	Andrew SA2500-090X-16
22-08	Miami, FL	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
27-09	New York, NY	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
46-02	Washington DC	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
28-15	Wayne, NJ	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
07-31	Chicago, IL	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
29-04	Philadelphia, PA	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
29-05	Philadelphia, PA	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
29-06	Philadelphia, PA	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
37-03	Sacramento, CA	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
37-04	Sacramento, CA	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
37-05	Sacramento	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18
46-09	Washington DC	SAT-STA-20071213-00174	EMS FR65-18-00NVL	Andrew SA2500-065X-18

Exhibit C

List for Andrew Antennas for Sirius Radio Deployment

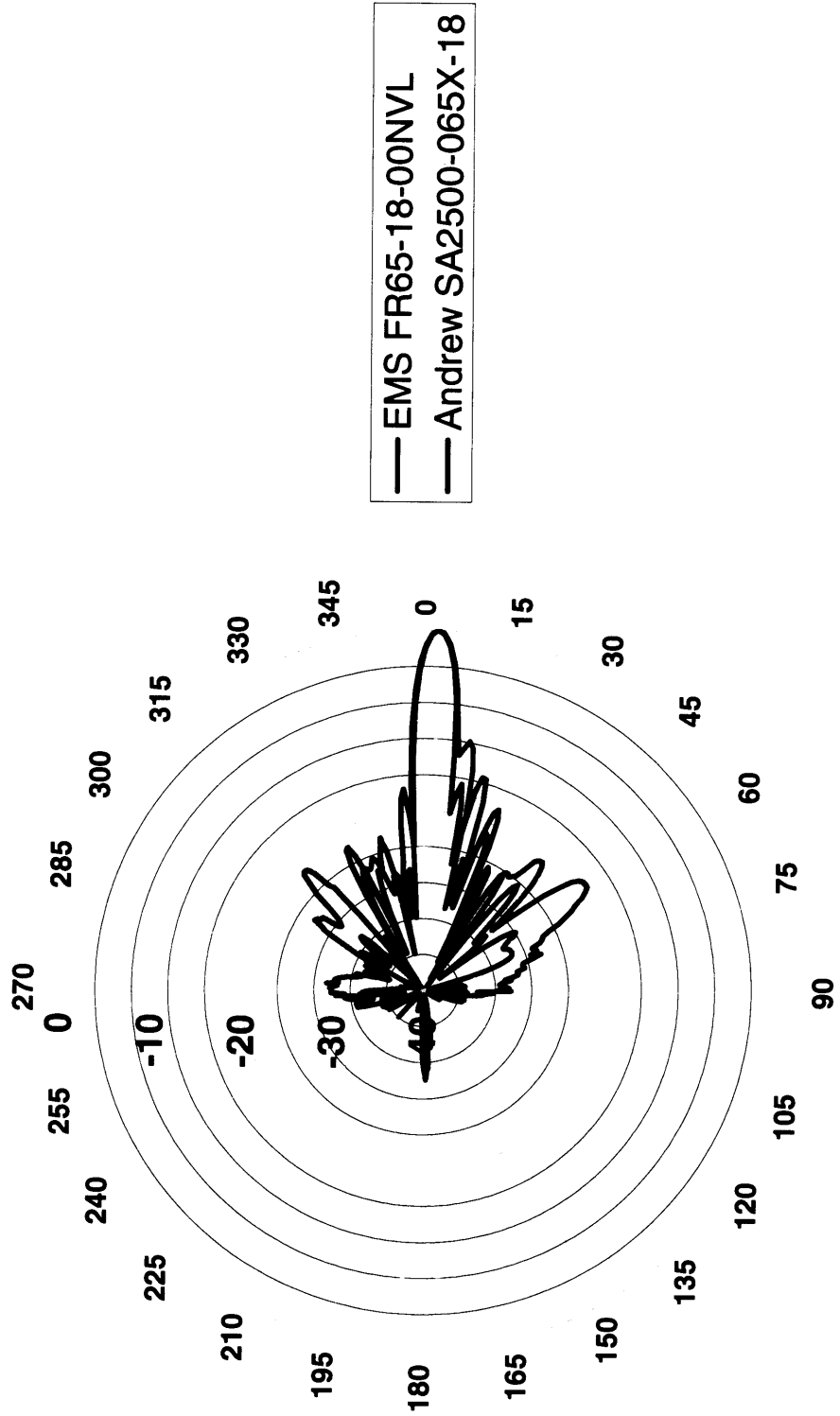
	Antennas	Product Description	Power Gain (dBi)	Average Input Power (W)	E-Plane Beamwidth (- 3 dB)	Total Length (in)	Weight (lbs.)	Radome Width. (in)	Front to Back Ratio
Replacement Antenna=>	Andrew SA2500-065X-18	65 degree Az. Pattern, N-type Con, 2300 -2700 MHz Freq. Band, 50 Ohm, 1.4 :1 Max. VSWR	17.6 dBi	200 W avg	5.6 deg	48"	8.7 lbs	6.5"	32 dB
Originally Authorized Antenna=>	EMS FR65-18-XXDVL	65 degree Az. Pattern, N-type Con or DIN type, 2305 -2360 MHz Freq. Band, 50 Ohm, 1.33 :1 Max. VSWR	17.8 dBi	250 W CW	5.7 deg	54"	11 lbs	6"	25 dB

65 Degree Antenna Horizontal Beamwidth Comparison



— EMS FR65-18-00NVL
- - Andrew SA2500-065X-18

65 Degree Antenna Vertical Beamwidth Comparison

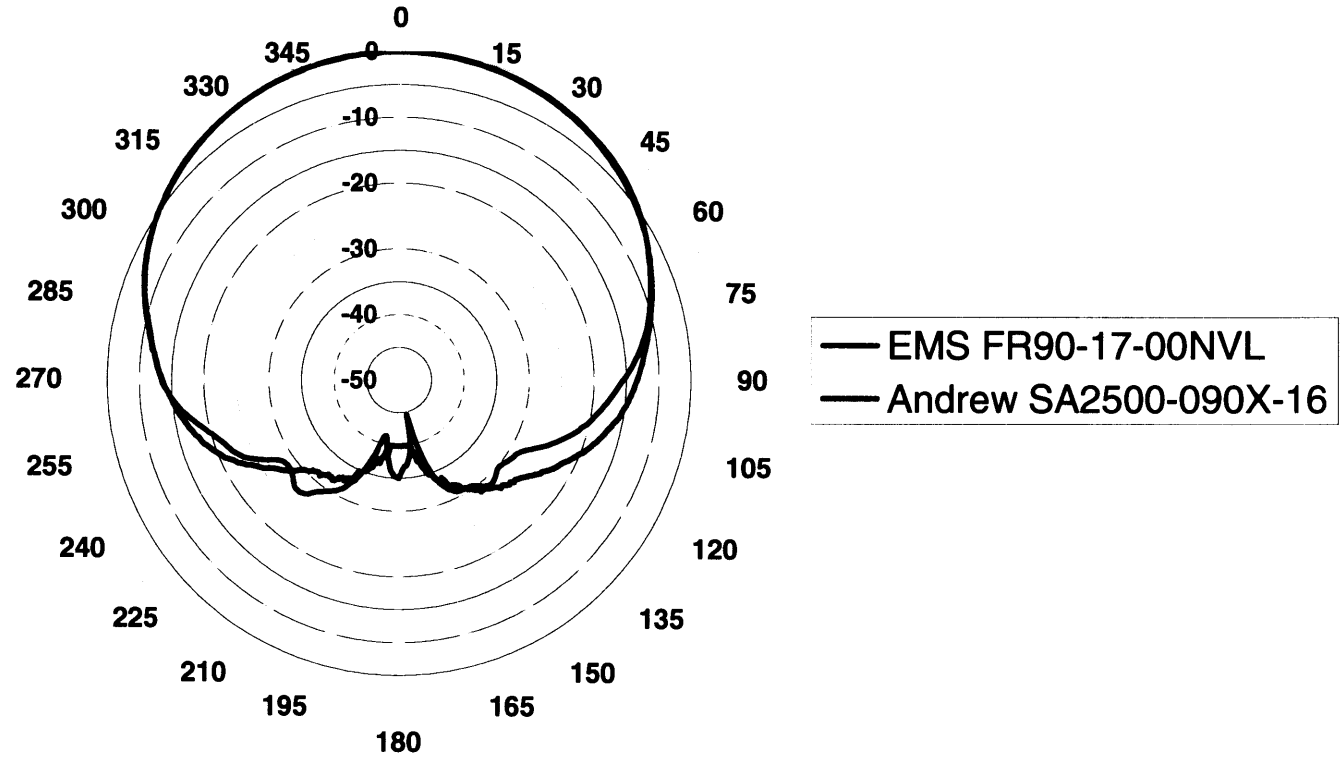


— EMS FR65-18-00NVL
- - Andrew SA2500-065X-18

List for Andrew Antennas for Sirius Radio Deployment

	Antennas	Product Description	Power Gain (dBi)	Average Input Power (W)	E-Plane Beamwidth (- 3 dB)	Total Length (in)	Weight (lbs.)	Radome Width. (in)	Front to Back Ratio
Replacement Antenna=>	Andrew SA2500-090X-18	90 degree Az. Pattern, N-type Con, 2300 -2700 MHz Freq. Band, 50 Ohm, 1.4 :1 Max. VSWR	16.6 dBi	200 W avg	5.6 deg	48"	8.7 lbs	6.5"	34 dB
Originally Authorized Antenna=>	EMS FR90-17-XXDVL	90 degree Az. Pattern, N-type Con or DIN type, 2305 -2360 MHz Freq. Band, 50 Ohm, 1.33 :1 Max. VSWR	16.6 dBi	250 W CW	5.6 deg	54"	13 lbs	6"	25 dB

90 Degree Antenna Horizontal Beamwidth Comparison



90 Degree Antenna Vertical Beamwidth Comparison

