

## Exhibit 1

This application requests modification of the Station WE2XBR as follows:

1. Remove the following discrete frequencies:

1103 MHz  
1300 MHz  
2000 MHz  
2700 MHz  
3700 MHz  
4200 MHz

2. Correct the “seconds” in the Latitude and Longitude for the geographic coordinates to specify as follows:

42-48-~~40~~ N.Lat.; 071-29-~~24~~ W.Long

3. Confirm the contract information associated with these operations

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4. Update the information in the Station file to reflect the following information related to the transmitting equipment for this experiment:

**A. Directionality**

<b>Transmit Direction</b>
+/- 90 deg from 12 deg Azimuth line of bearing

**B. Additional Antenna Data**

For the convenience of the Commission, the following chart defines certain specifications relating to the directional antennas that are to be used in the experiment:

<b>Mfg.</b>	<b>Model Number</b>	<b>Frequency Range</b>	<b>Gain</b>	<b>BW</b>															
Sunol Sciences	JB1	30 – 2000 MHz	< 0 dBi below 100 MHz, < 5 dBi below 200 MHz, 7 dBi max 200-2000 MHz	<table border="1"> <thead> <tr> <th>Freq MHz</th> <th>E-Plane deg</th> <th>H-Plane deg</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>90</td> <td>Omni</td> </tr> <tr> <td>200</td> <td>60</td> <td>100</td> </tr> <tr> <td>1000</td> <td>50</td> <td>100</td> </tr> <tr> <td>2000</td> <td>50</td> <td>100</td> </tr> </tbody> </table>	Freq MHz	E-Plane deg	H-Plane deg	30	90	Omni	200	60	100	1000	50	100	2000	50	100
Freq MHz	E-Plane deg	H-Plane deg																	
30	90	Omni																	
200	60	100																	
1000	50	100																	
2000	50	100																	
ETS Lindgren or Equivalent	3164-06	300 – 6000 MHz	< 5 dBi below 500 MHz, < 10 dBi below 3000 MHz 13 dBi max 3000-6000 MHz	<table border="1"> <thead> <tr> <th>Freq MHz</th> <th>E-Plane deg</th> <th>H-Plane deg</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>65</td> <td>105</td> </tr> <tr> <td>1000</td> <td>35</td> <td>65</td> </tr> <tr> <td>2000</td> <td>50</td> <td>45</td> </tr> <tr> <td>6000</td> <td>20</td> <td>20</td> </tr> </tbody> </table>	Freq MHz	E-Plane deg	H-Plane deg	300	65	105	1000	35	65	2000	50	45	6000	20	20
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300	65	105																	
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6000	20	20																	

**C. RF Source**

Agilent N5230A PNA-L Network Analyzer or equivalent

**D. Additional Signal Amplification**

<b>Mfg.</b>	<b>Model Number</b>	<b>Frequency Range</b>	<b>Gain</b>
RF Lambda or equivalent	RFLUPA01M06G	100 – 6000 MHz	38 dB, typical
RF Lambda or equivalent	RFLUPA8M04GK	800 – 4200 MHz	47 dB, typical
Wenteq or equivalent	ABL0600-01-3240	10 – 6000 MHz	34 dB, typical

