

Exhibit 1

This application seeks modification of the WE2XDA license to slightly expand the 80-108 MHz frequency range to 80-112 MHz.

In addition, pursuant to Section 5.77(b) of the Commission's rules, the information listed below in **RED** updates the antenna and transmitting equipment as was specified in the original license application granted under File No. 0282-EX-PL-2006, and is requested to become a permanent part of the license file for Station WE2XDA:

Antennas:

The following table provides the typical performance to three antenna models which are directional in nature in both the Vertical and Horizontal plane and one which directional only in the Vertical plane, and which exceed 6 meters in height above the ground (or above any structure).¹ These antennas are as follows:

Manufacturer	Model #	Quantity	Gain (Nominal)	3dB BW E (Vertical)	3dB BW H (Horizontal)
BAE AEL	APN107BA	1	+6 dBi	65	125
BAE AEL	APN1509	1	+5 dBi	60	110
BAE AEL	Dipole	2	+1.73 dBi	90	-
BAE AEL	H-1734	2	+11 dBi	50	55

Transmitting Equipment

The following information is provided with respect to the transmitting equipment to be involved in the experiment. It is noted that each of these transmitters is non-experimental in nature:

MANUFACTURER	MODEL	QUANTITY
Keysight	N4985A-P15	1
HP	8349B	1
Keysight	E8362B	1

Finally, this is to confirm that in addition to IR&D activity, Cobham's activity under this license is in support of the following contract activity:

Agency: NAVAIR

Contract No. N00019-18-C-1060 PO 1772536

POC: Jessica Vallandingham Myers, (301) 342-1839, jessica.myers@navy.mil

Agency: NAVAIR / NAWC Weapons Division

Contract No. N68936-18-C-0026 PO 1772965

POC: Thomas Vitale, 760-939-1603, thomas.vitale@navy.mil

¹ In the attached form, the "overall height of above ground to tip of antenna" is identified as 35 feet. It should be noted that this figure represents the highest point to which the subject antennas would be raised in the course of the experiment. Based on the particular requirements of the experiment, the center line of a given antenna in this grouping may be lowered, or raised to the 35 foot limit, to generate appropriate receive angles.