

OPISYS Incorporated

511. South Harbor Blvd. Unit P. La Habra, CA. 90631, United States

E-MAIL : nara.lee@acetech.co.kr

Subject: Antenna Kitting

FCC ID: **Q4EAVHR-5000N**

The antenna kitting options for model **AVHR-5000N** signal booster were done for 2 Outside Antenna kit options and 2 Inside Antenna kit options. The order of the attached calculations is as follows:

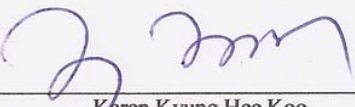
Outside Antenna Kit Options:

1. TQC-900/1800CII
2. TS210580

Inside Antenna Kit Options:

1. TQC-900/1800E
2. TS210380

Sincerely Yours,



Karen Kyung Hee Koo
C.E.O.

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FCC ID : Q4EAVHR-5000N (Up Link)

Uplink Frequency Band (MHz)	824 - 849	1 850 - 1910
Uplink Gain (dB)	52.00	52.00
MSCL (dB)	28.35	35.29
Max Antenna Gain less Cable Loss (dB)	+3.00	+3.00

Outside Antenna Kit 1 (TQC-900/1800CII)

Downlink Frequency Band (MHz)	824 - 849	1 850 - 1910
Antenna Model	TQC-900/1800CII	
Cable Model	Part of TQC-900/1800CII	
Antenna Gain (dBi)	5.0 dBi	
Cable Loss (dB)	0.0 dB	
Cable length (m)	2.5 m	
Max Antenna Gain less Cable Loss (dB)	5.0 dB	

Outside Antenna Kit 2 (TS210580)

Downlink Frequency Band (MHz)	824 - 849	1 850 - 1910
Antenna Model	TS210580	
Cable Model	Part of TS210580	
Antenna Gain (dBi)	5.0 dBi	
Cable Loss (dB)	0.0 dB	
Cable length (m)	2.5 m	
Max Antenna Gain less Cable Loss (dB)	5.0 dB	

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FCC ID : Q4EAVHR-5000N (Down Link)

Downlink Frequency Band (MHz)	869 – 894	1 930 – 1 990
Downlink Gain (dB)	52.00	52.00
Max Antenna Gain less Cable Loss (dB)	-1.0	-1.0

Inside Antenna Kit 1 (TQC-900/1800E)

Downlink Frequency Band (MHz)	869 – 894	1 930 – 1 990
Antenna Model	TQC-900/1800E	
Cable Model	Part of TQC-900/1800E	
Antenna Gain (dBi)	2.0 dBi	
Cable Loss (dB)	0.0 dB	
Cable length (m)	3.0 m	
Max Antenna Gain less Cable Loss (dB)	2.0 dB	

Inside Antenna Kit 2 (TS210380)

Downlink Frequency Band (MHz)	869 – 894	1 930 – 1 990
Antenna Model	TS210380	
Cable Model	Part of TS210380	
Antenna Gain (dBi)	3.0 dBi	
Cable Loss (dB)	0.0 dB	
Cable length (m)	3.0 m	
Max Antenna Gain less Cable Loss (dB)	3.0 dB	