

KATHREIN Automotive GmbH, Roemerring 1, 31137 Hildesheim

September 24, 2018

To whom it may concern:

Subject: Mobile Station Coupling Losses (MSCL) For FCC ID: 2ACC7LTECOMPB1

The MSCL calculations for the model LTECOMPB1 were done for 3 Cradle options.

Cradle option:

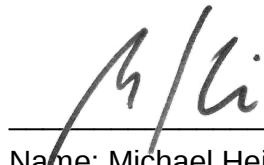
1. WCH-173
WCH-187
2. WCH-184
3. WCA Small BMW

Product Name: Compensator US

Brand: KATHREIN Automotive

Model Number: LTECOMPB1

Yours Faithfully,



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MSCL Calculation

FCC ID: 2ACC7LTECOMPB1

	Band 12/17	Band 13	Band 5	Band 4	Band 2
Uplink Frequency (MHz)	699-716	777-787	824-849	1710-1755	1850-1910

1 WCH-173

WCH-187

Cradle min. Coupling Loss RX/TX (dB)	12	11	7	8	13
Coax Cable Loss (dB) Type RTK031 min. cable length 3 m	1,4	1,5	1,6	2,3	2,4
MSCL (dB)	13,4	12,5	8,6	10,3	15,4

2 WCH-184

Cradle min. Coupling Loss RX/TX (dB)	5	5	7	9	10
Coax Cable Loss (dB) Type RTK031 min. cable length 3 m	1,4	1,5	1,6	2,3	2,4
MSCL (dB)	6,4	6,5	8,5	11,3	12,4

3 WCA Small BMW

Cradle min. Coupling Loss RX/TX (dB)	4,5	4,5	5	4	5
Coax Cable Loss (dB) Type RTK031 min. cable length 3 m	1,4	1,5	1,6	2,3	2,4
MSCL (dB)	5,9	6,0	6,6	6,3	7,4