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9th November 2015

Telecommunication Certification Body
UL VS Ltd
Offices 18-26
Grove House
Lutyens Close
Chineham Court
Basingstoke
Hampshire
RG24 8AG
United Kingdom

Subject: Test Rationale

Application for FCC ID: QWP-50450I

Applicant: Cambium Networks Ltd

Dear Examiner,

In accordance with the requirements of Part 15.204 (c)(2) Cambium Networks confirm that the test program which was carried out employed the highest gain antenna of each type supported by the PMP 450i / PTP 450i.

In accordance with Part 15.204 (c)(3) the antenna types and gains used during the Part 15E UNII-2A and UNII-2C band certification test are given in Table 1 below.

Antenna Type	Manufacturers Gain (dBi)	
	UNII-2A Band (5.25 – 5.35 GHz)	UNII-2C Band 5.47 – 5.725 GHz Band
4' Parabolic Dish	34.5	-
2' Parabolic Dish	-	28.5
Flat Plate	28.5	28.5
Sectorized	17.0	17.0
OMNI	13.0	13.0

Table 1: Antenna Types and Gains tested for Certification

Sincerely yours,



Donald W Reid
Principal Regulatory Engineer
Cambium Networks Ltd