

# LP-V495846ai Field Test APP Note B01.

LPV495846ai\_AN\_ENB01W

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LanPro has released the following field trial results for the Vulcan 5 GHz radio:  
LP-V495846ai.

Conditions:	
1	Line of sight (no interference in the test environment).
2	5GHz, EIRP=46dBm built-in 23 dBi panel antenna-integrated model.

Test:
Throughput vs. Distance in the field

Table of Results:				
Distance (km)	0.2	30	40	54
RSSI (dBm)	-28	-69	-74	-78
Throughput (Mbps)	43.6	40.2	38.6	22.8

**Conclusion:** this test shows consistent operation at 54 Km with a throughput of 22.8 Mbps.