

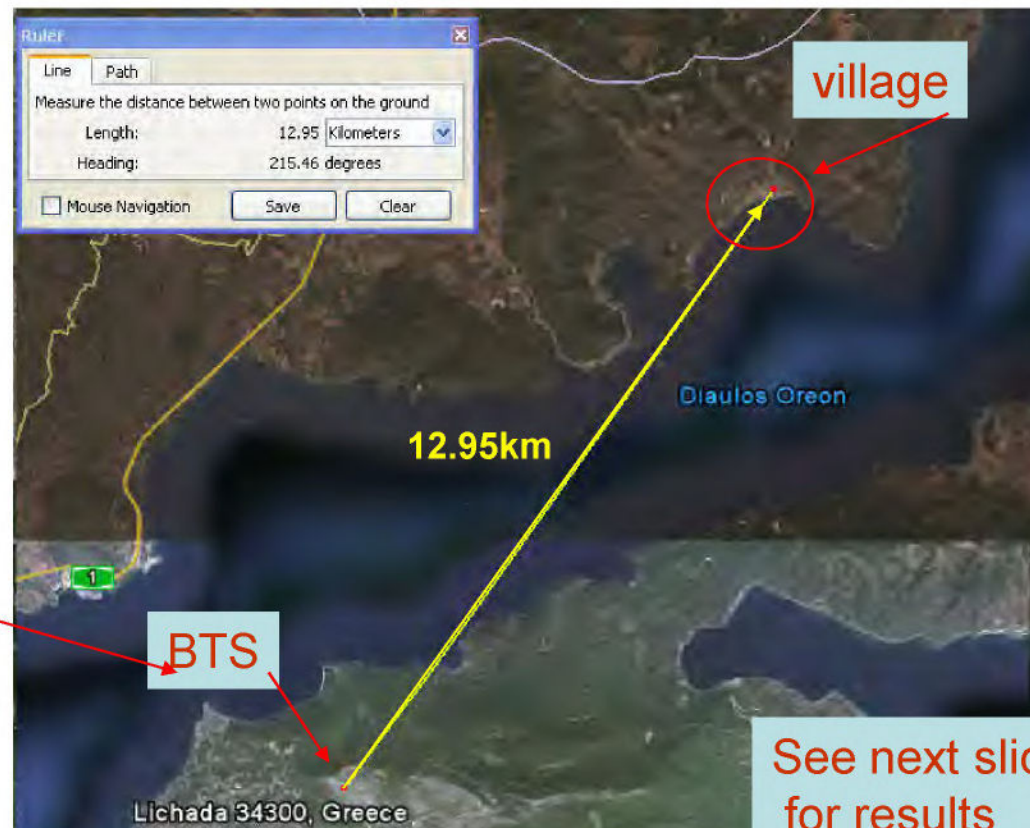
Dual Mode (GSM1800+UMTS) Remote Village Coverage



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CHALLENGE

Combine Dual-Mode (GSM1800+UMTS) signals into a single CP12 antenna to cover a remote Island community

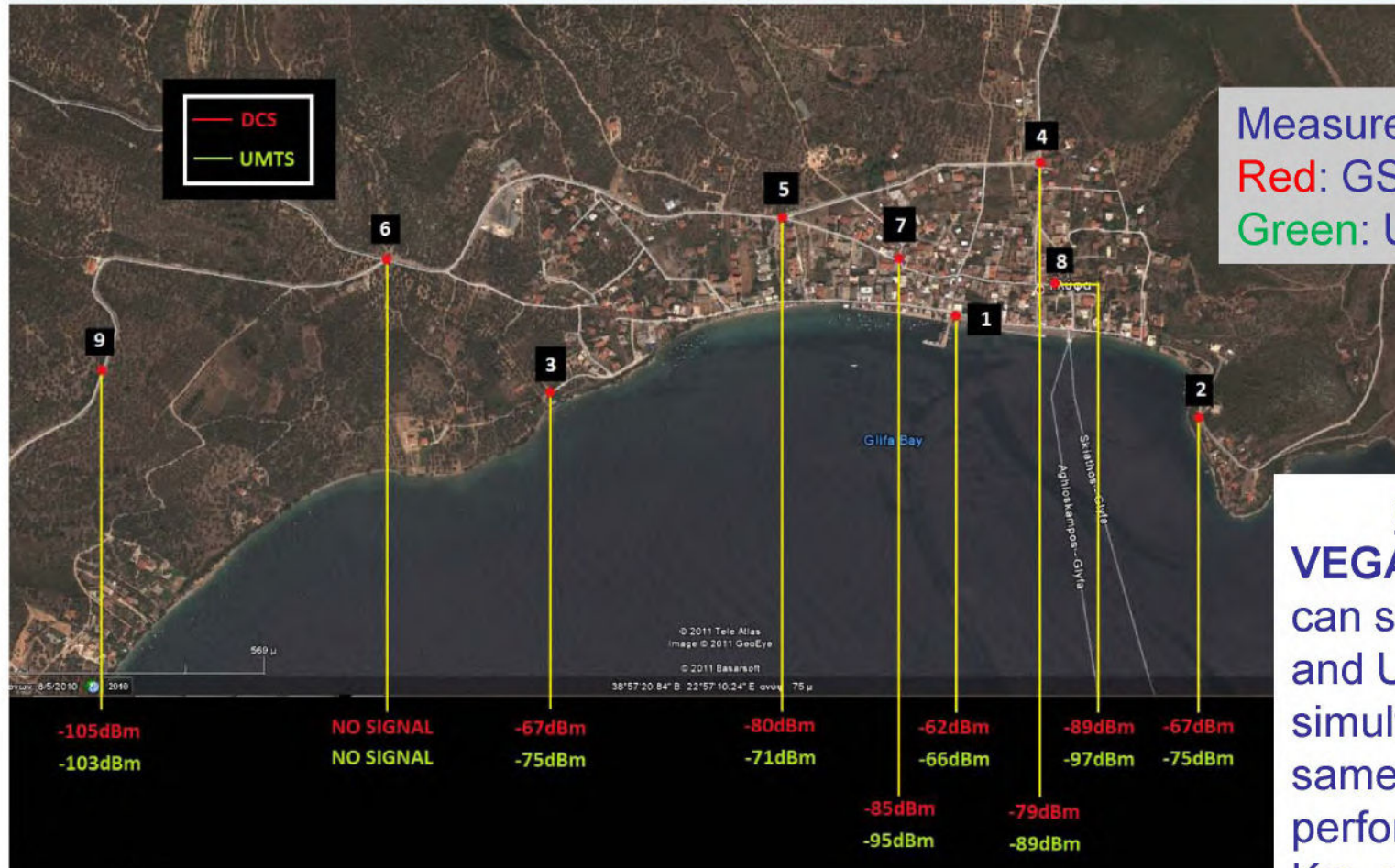


See next slide for results

VEGA Applications in Greece

Dual Mode (GSM1800+UMTS) Remote Village Coverage

Solution: Combine GSM1800+UMTS into a High Gain VEGA CP12 antenna installed on a hill top BTS located on an another island 13 Km. distant.



Measured results in dBm:
Red: GSM1800 Signal
Green: UMTS2100 Signal

Conclusion:
VEGA CP12 antenna can serve GSM1800 and UMTS2100 simultaneously with the same exceptional performance from 13 Km. over water BTS!