Wistron NeWeb Corp.

LVSKODU Antenna Simulation and Measurement Data

May 2019

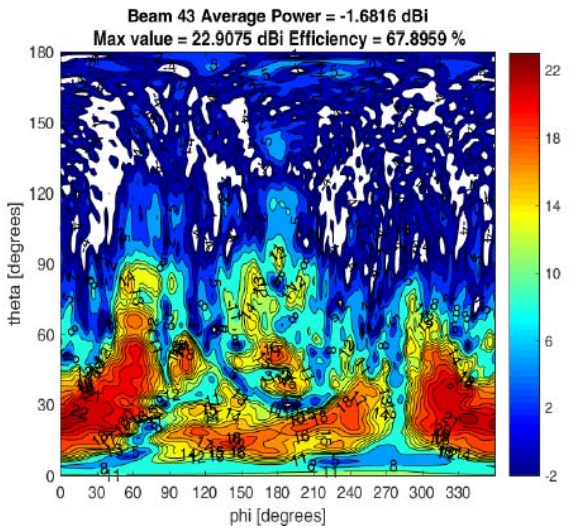
Sean Chen

☐ Normal ☐ Internal Use ☐ Confidential ☐ Restricted Confidential

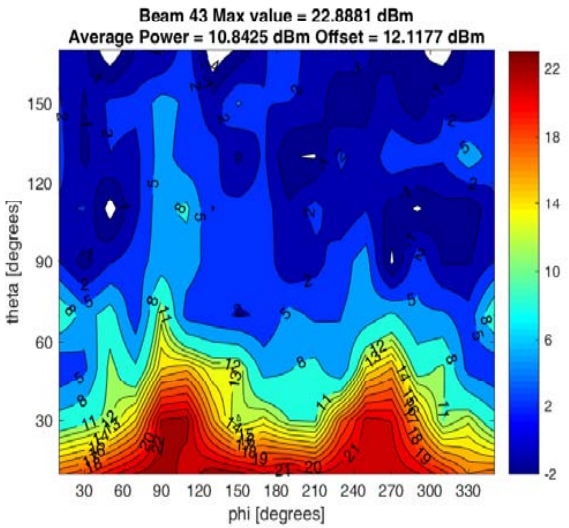
n260 Peak Beam Full band Data

Beam #43

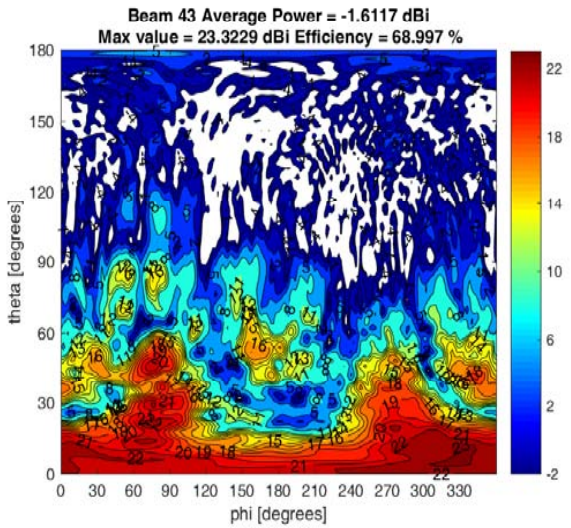
Simulated @ Low
Max. EIRP : 22.91dBm



Measured @ Mid
Max. EIRP : 22.88dBm



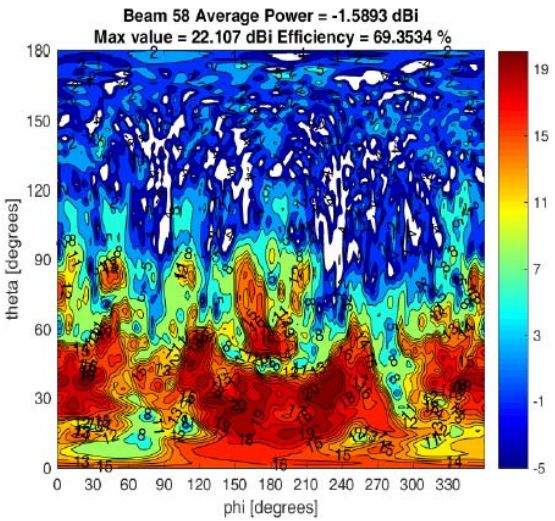
Simulated @ High
Max. EIRP : 23.32dBm



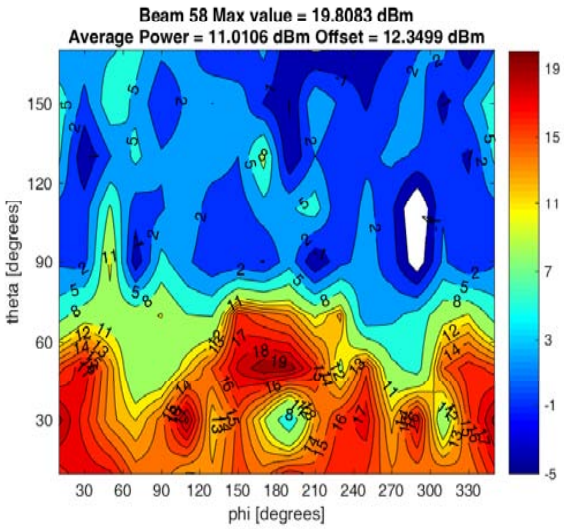
n260 Peak Beam Full band Data

Beam #58

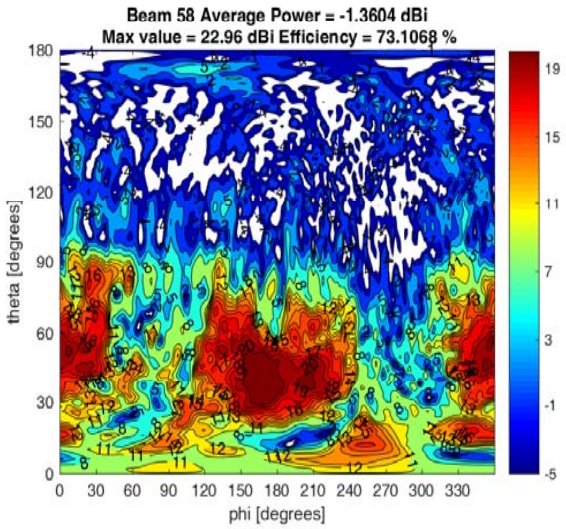
Simulated @ Low
Max. EIRP : 22.10dBm



Measured @ Mid
Max. EIRP : 19.81dBm



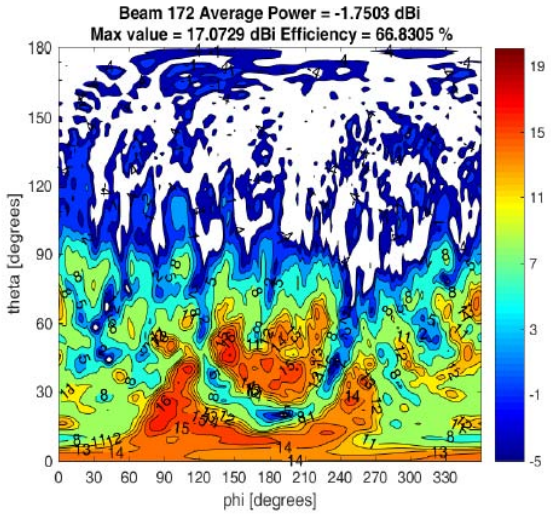
Simulated @ High
Max. EIRP : 22.96dBm



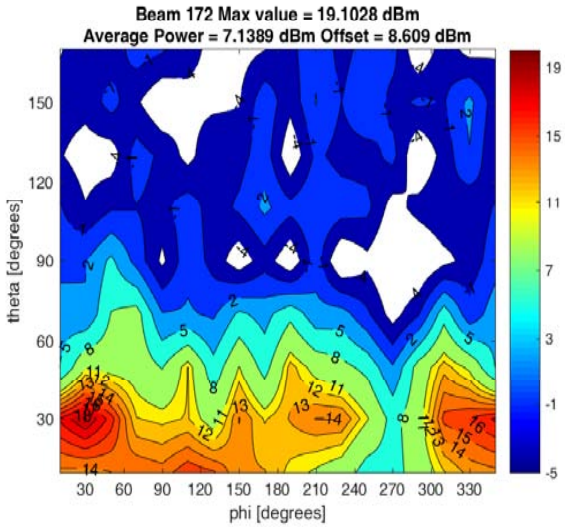
n260 Peak Beam Full band Data

Beam #172

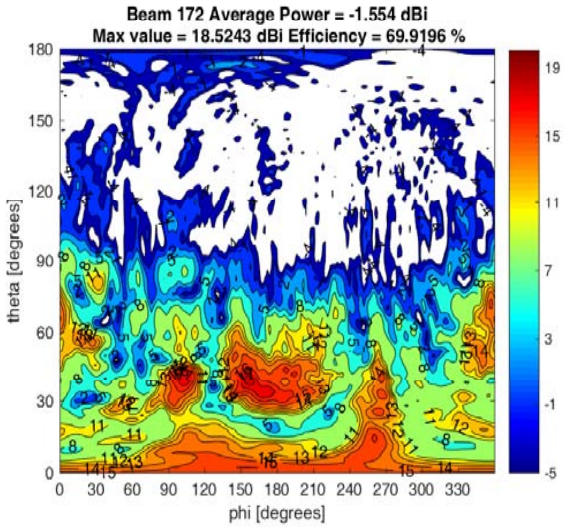
Simulated @ Low
Max. EIRP : 17.07dBm



Measured @ Mid
Max. EIRP : 19.10dBm



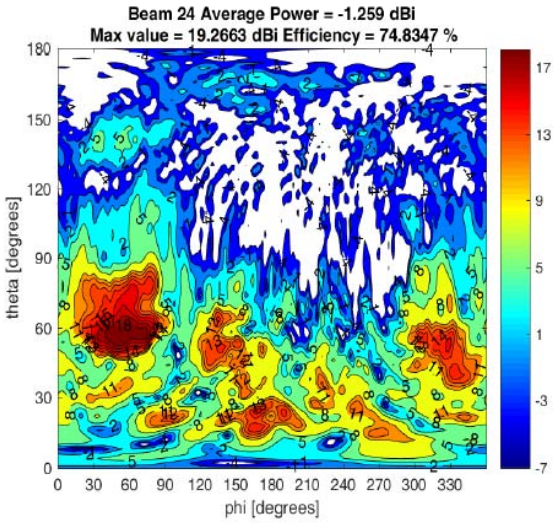
Simulated @ High
Max. EIRP : 18.52dBm



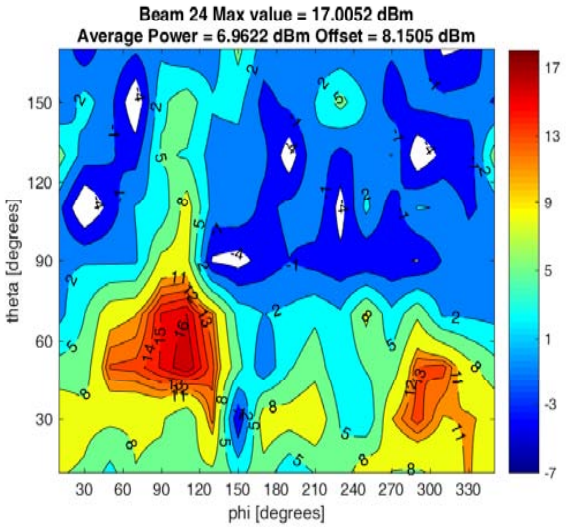
n260 Peak Beam Full band Data

Beam #24

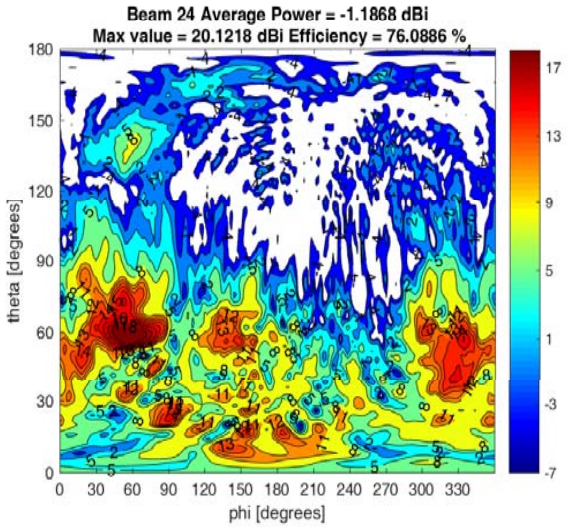
Simulated @ Low
Max. EIRP : 19.27dBm



Measured @ Mid
Max. EIRP : 17.0dBm



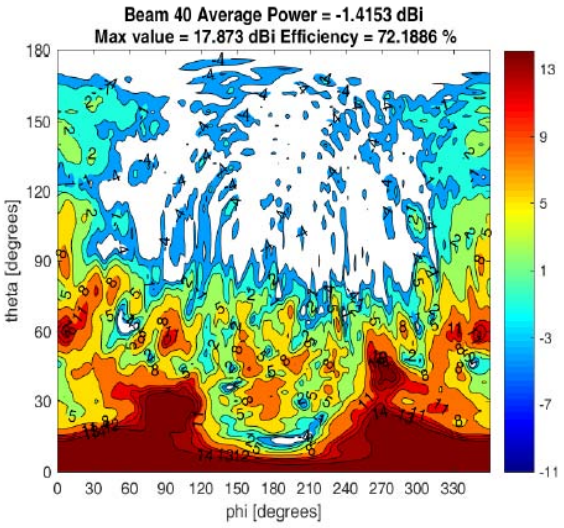
Simulated @ High
Max. EIRP : 20.12dBm



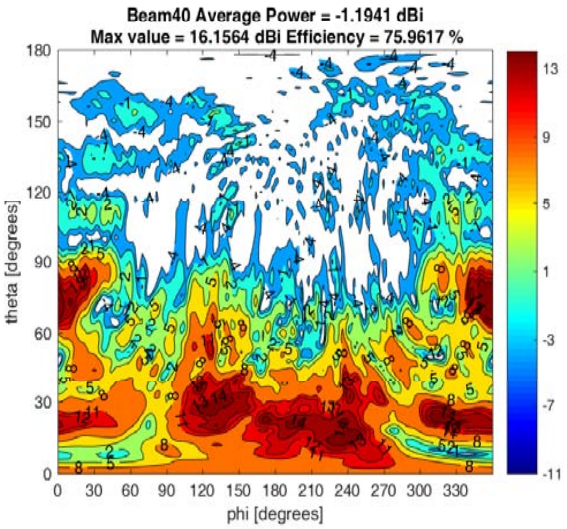
n260 Peak Beam Full band Data

Beam #40

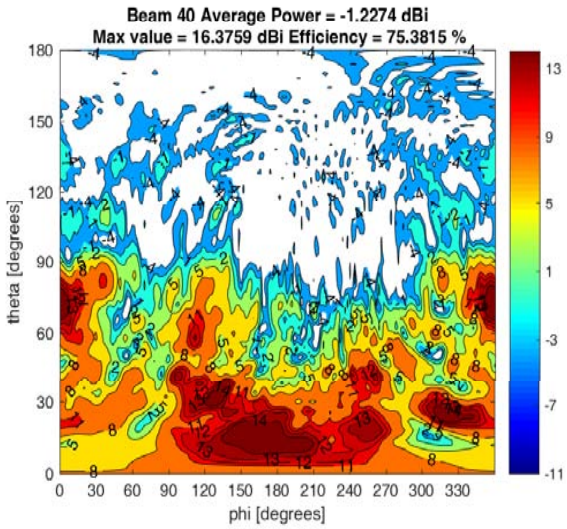
Simulated @ Low
Max. EIRP : 17.87dBm



Measured @ Mid
Max. EIRP : 16.16dBm



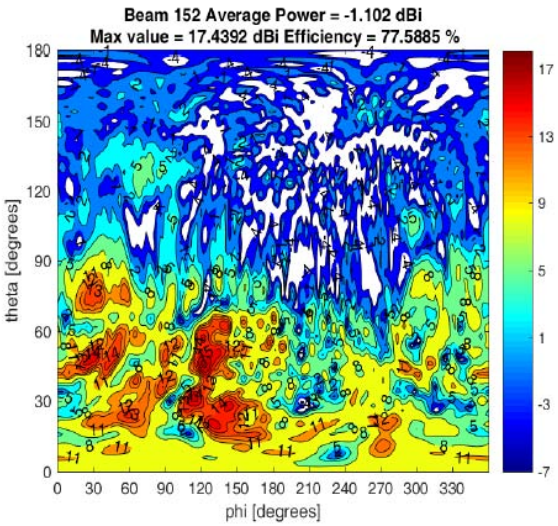
Simulated @ High
Max. EIRP : 16.38dBm



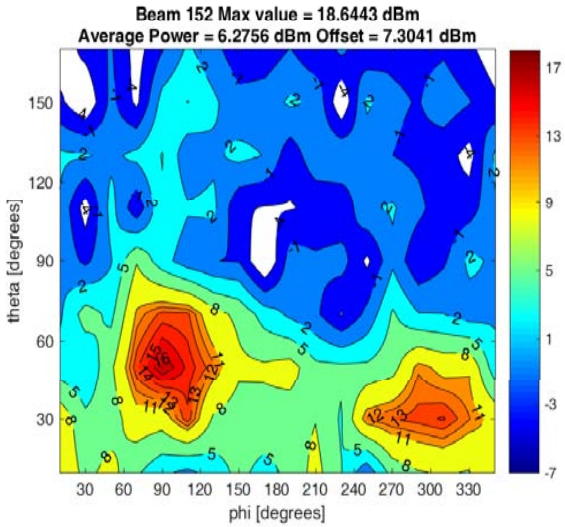
n260 Peak Beam Full band Data

Beam #152

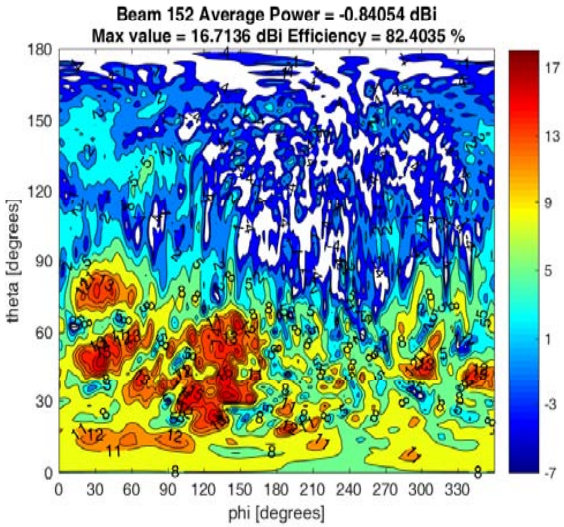
Simulated @ Low
Max. EIRP : 17.44dBm



Measured @ Mid
Max. EIRP : 18.64dBm



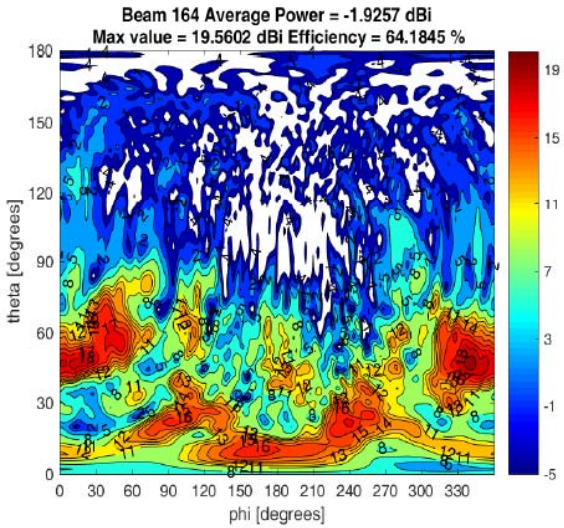
Simulated @ High
Max. EIRP : 16.71dBm



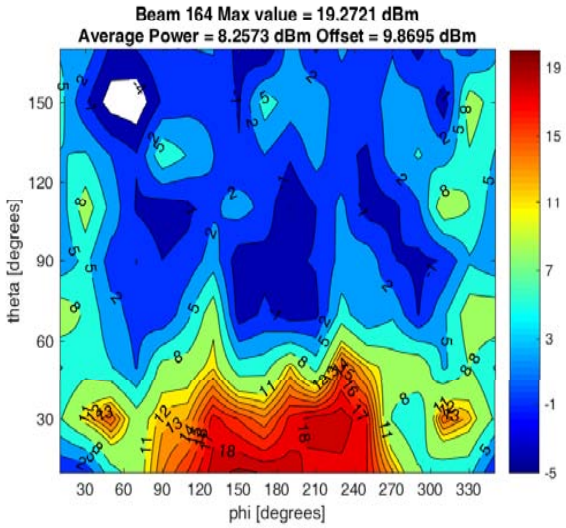
n260 Peak Beam Full band Data

Beam #164

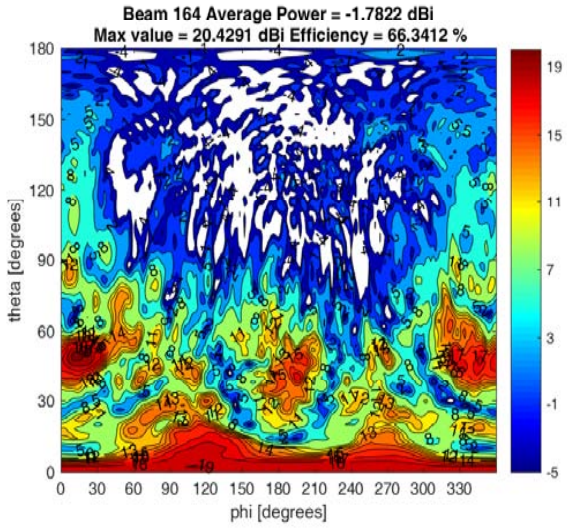
Simulated @ Low
Max. EIRP : 19.56dBm



Measured @ Mid
Max. EIRP : 19.27dBm



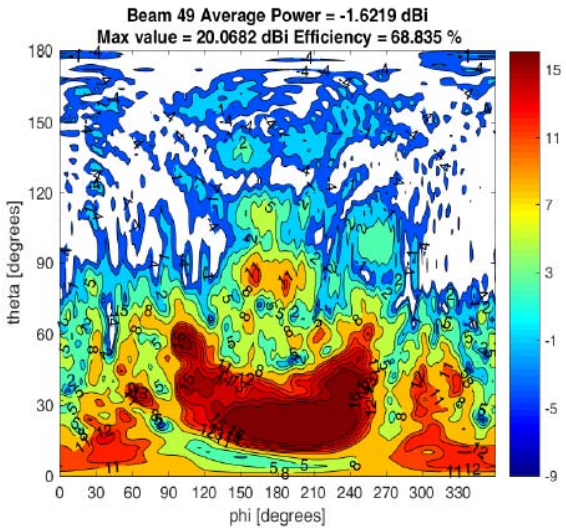
Simulated @ High
Max. EIRP : 20.43dBm



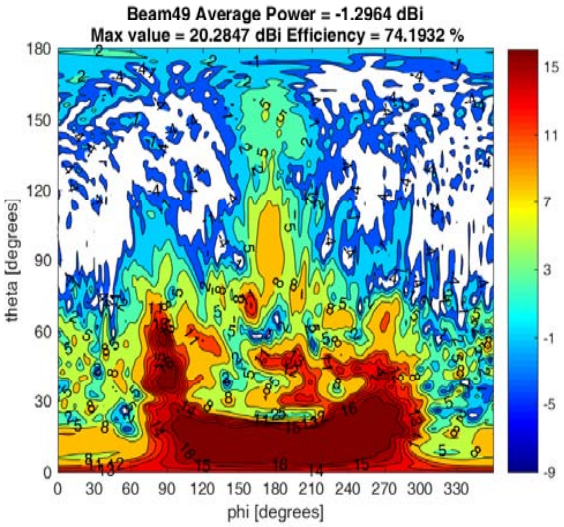
n260 Peak Beam Full band Data

Beam #49

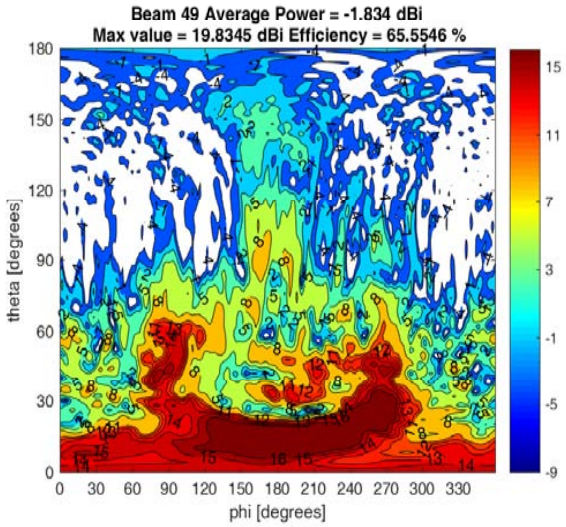
Simulated @ Low
Max. EIRP : 20.07dBm



Measured @ Mid
Max. EIRP : 20.28dBm



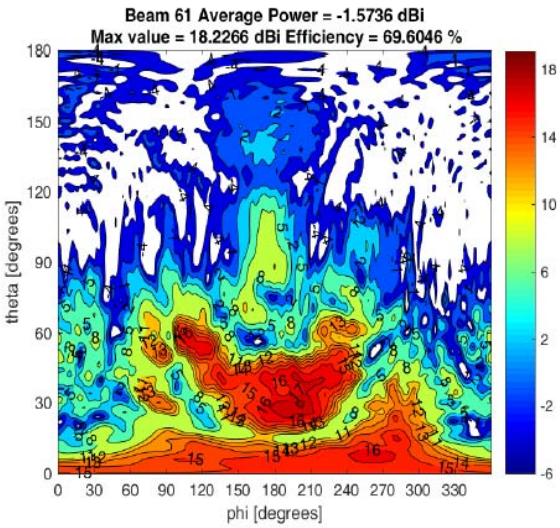
Simulated @ High
Max. EIRP : 19.83dBm



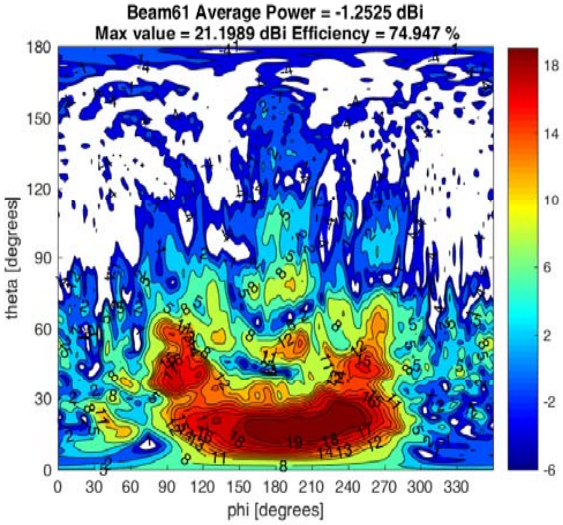
n260 Peak Beam Full band Data

Beam #61

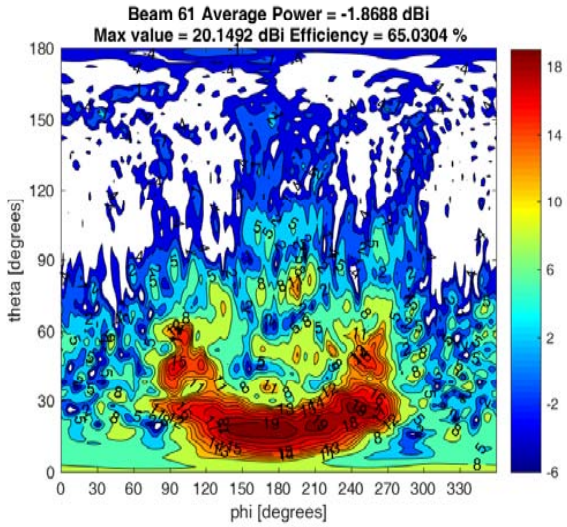
Simulated @ Low
Max. EIRP : 18.23dBm



Measured @ Mid
Max. EIRP : 21.20dBm



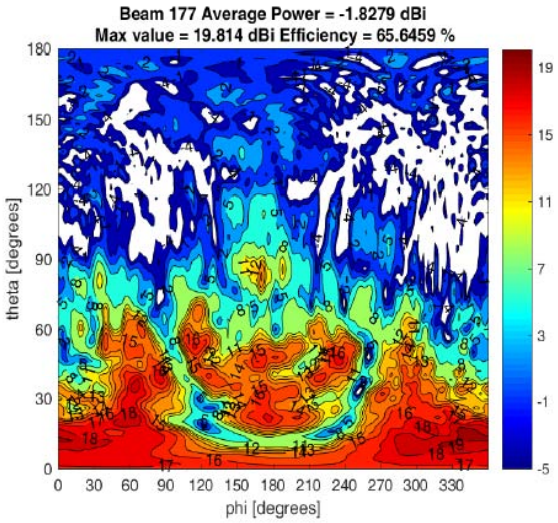
Simulated @ High
Max. EIRP : 20.15dBm



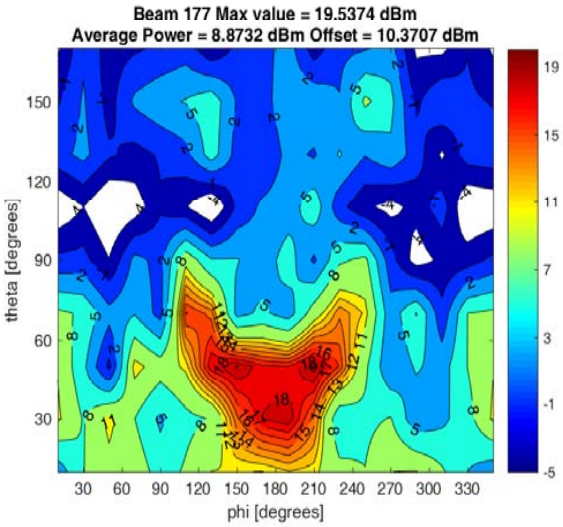
n260 Peak Beam Full band Data

Beam #177

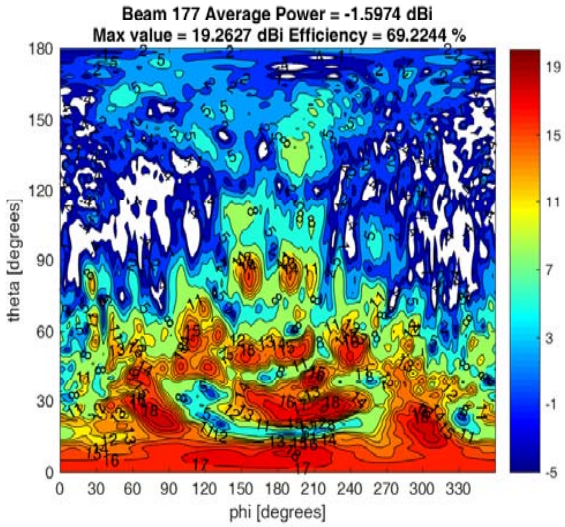
Simulated @ Low
Max. EIRP : 19.81dBm



Measured @ Mid
Max. EIRP : 19.54dBm



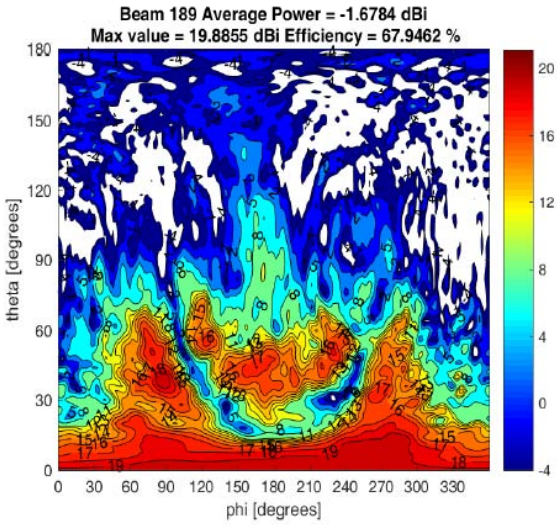
Simulated @ High
Max. EIRP : 19.26dBm



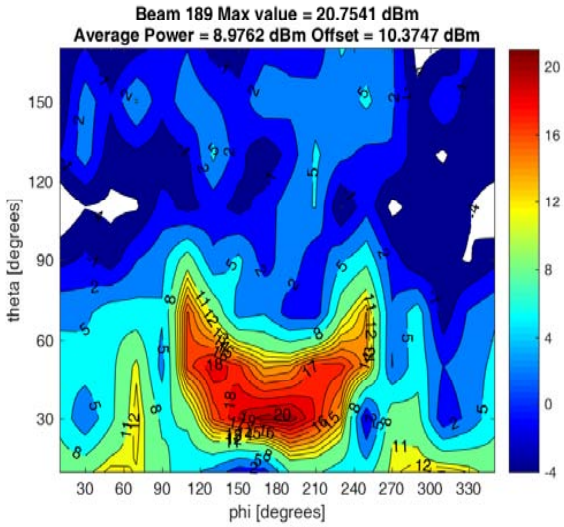
n260 Peak Beam Full band Data

Beam #189

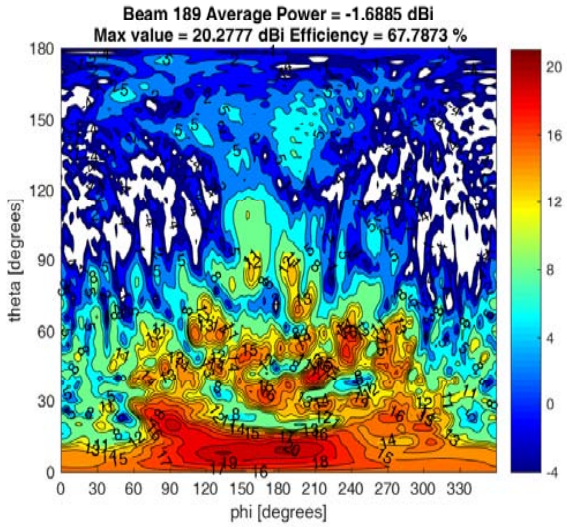
Simulated @ Low
Max. EIRP : 19.89dBm



Measured @ Mid
Max. EIRP : 20.75dBm



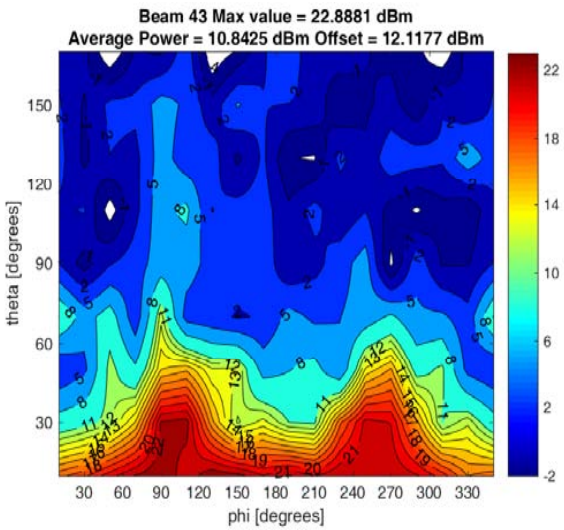
Simulated @ High
Max. EIRP : 20.28dBm



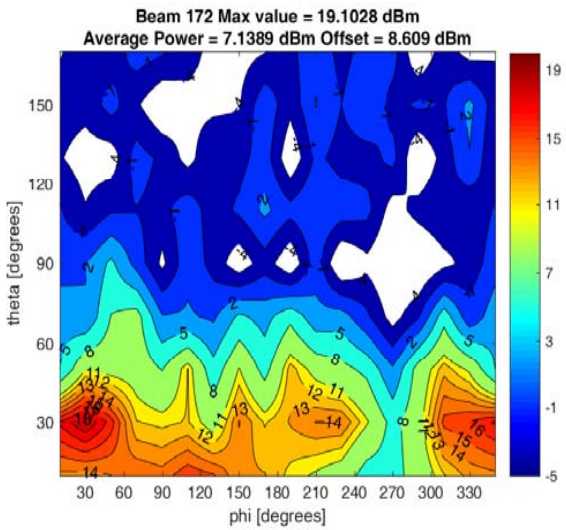
n260 Peak Beam Full band Data

MIMO Beam # 43+172

Measured @ Mid
Max. EIRP : 22.89dBm



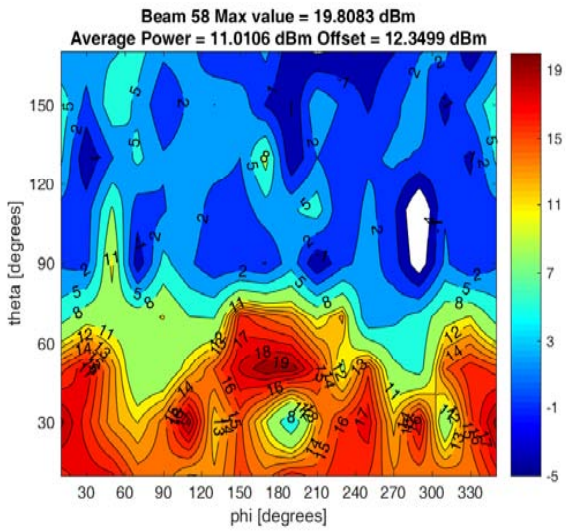
Measured @ Mid
Max. EIRP : 19.10dBm



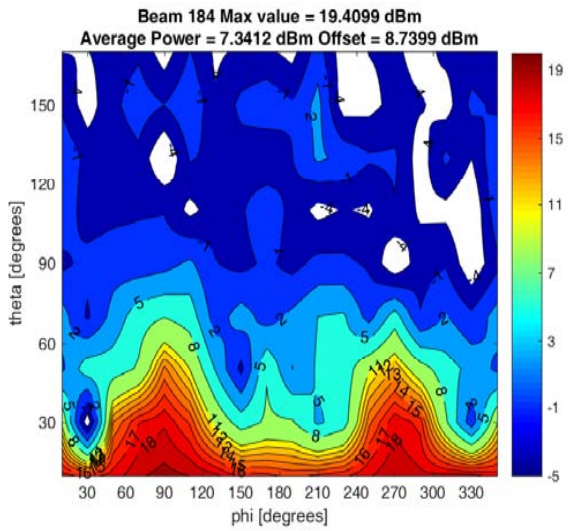
n260 Peak Beam Full band Data

MIMO Beam # 43+184

Measured @ Mid
Max. EIRP : 19.81dBm



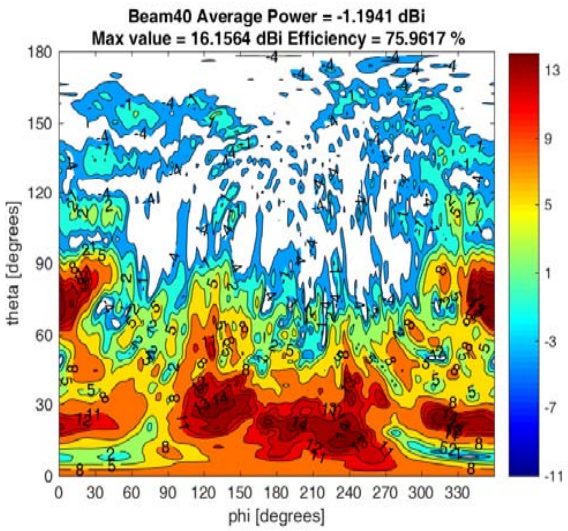
Measured @ Mid
Max. EIRP : 19.41dBm



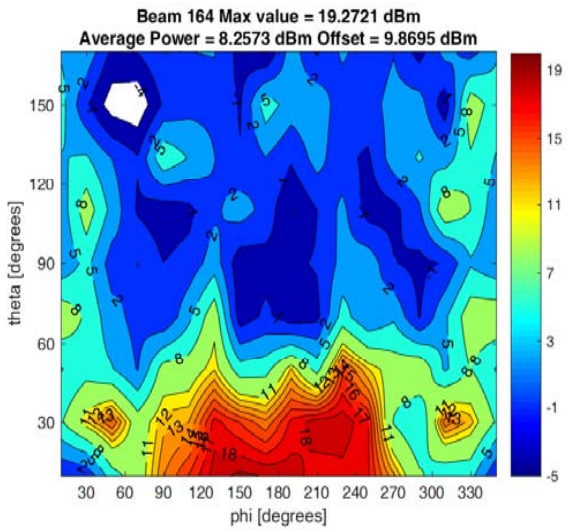
n260 Peak Beam Full band Data

MIMO Beam # 40+164

Measured @ Mid
Max. EIRP : 16.16dBm



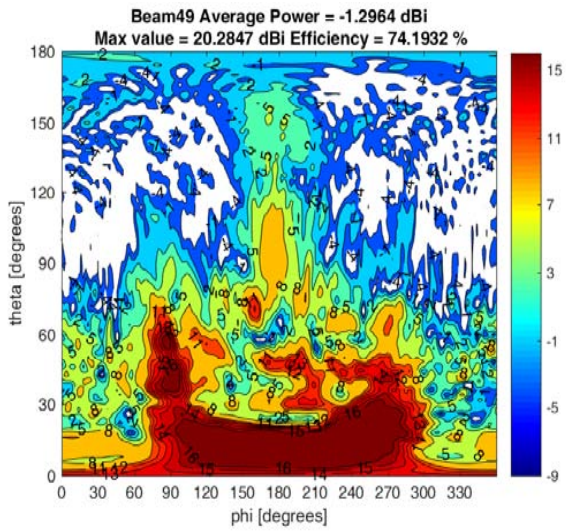
Measured @ Mid
Max. EIRP : 19.27dBm



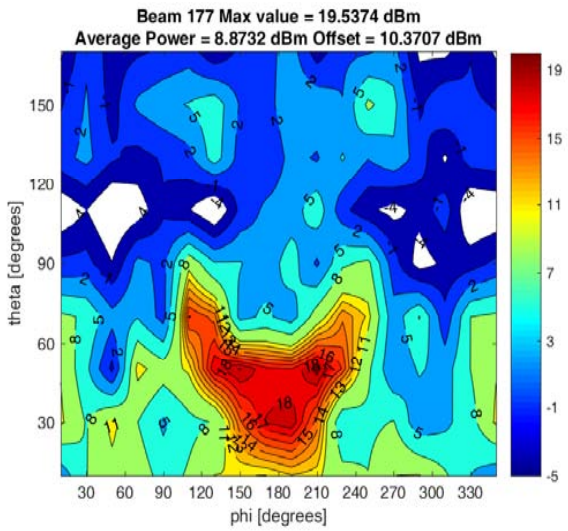
n260 Peak Beam Full band Data

MIMO Beam # 49+177

Measured @ Mid
Max. EIRP : 20.28dBm



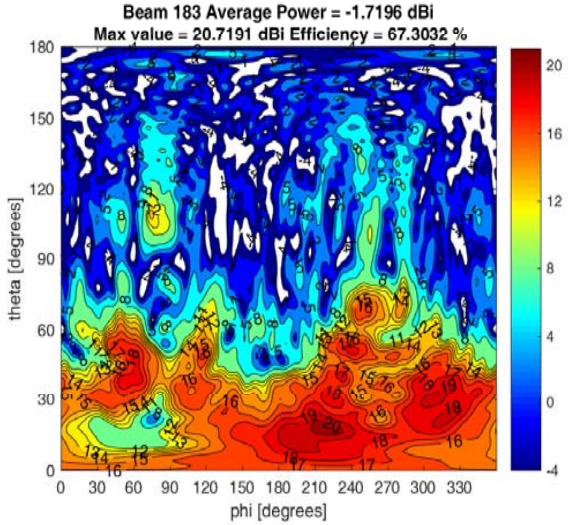
Measured @ Mid
Max. EIRP : 19.53dBm



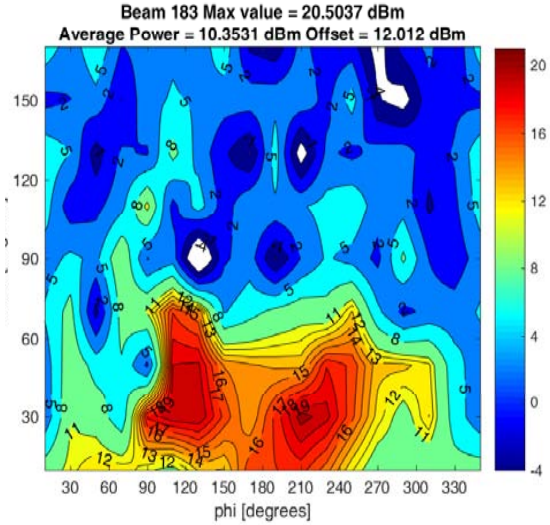
n261 Peak Beam Full band Data

Beam #183

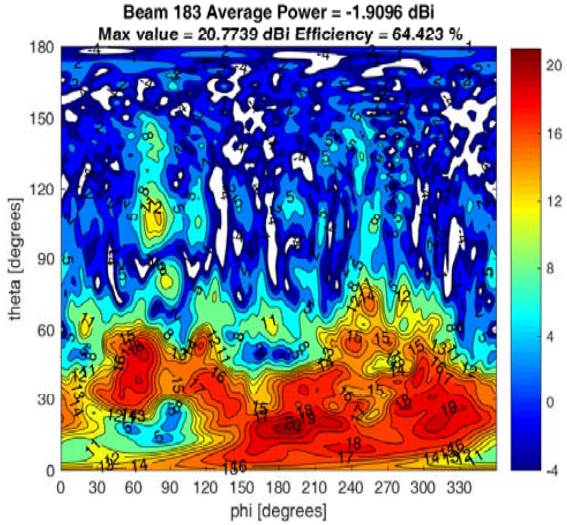
Simulated @ Low
Max. EIRP : 20.72dBm



Measured @ Mid
Max. EIRP : 20.5dBm



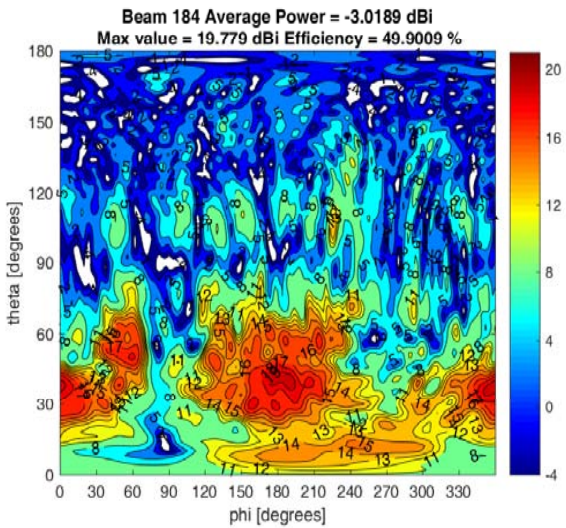
Simulated @ High
Max. EIRP : 20.77dBm



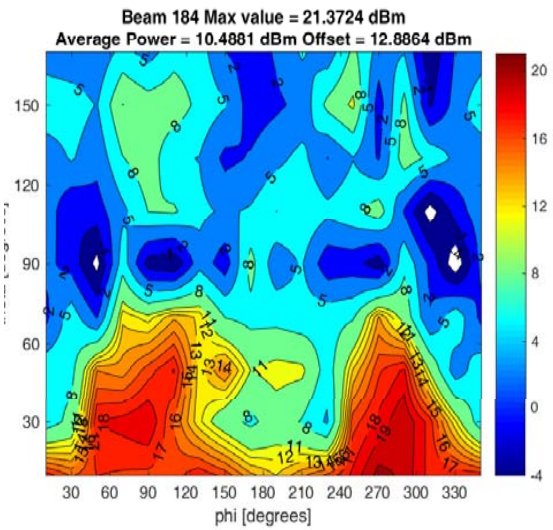
n261 Peak Beam Full band Data

Beam #184

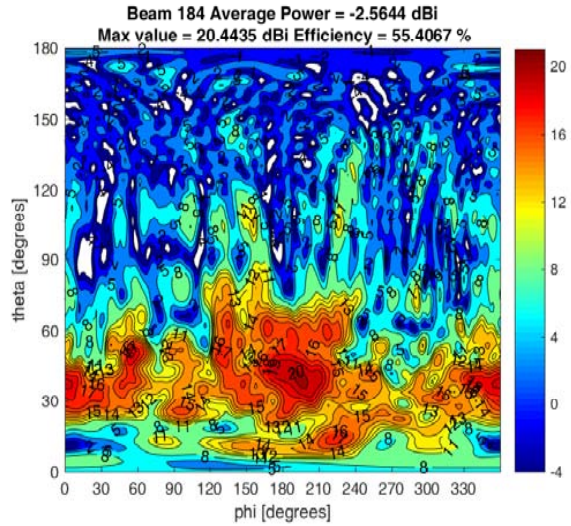
Simulated @ Low
Max. EIRP : 19.78dBm



Measured @ Mid
Max. EIRP : 21.37dBm



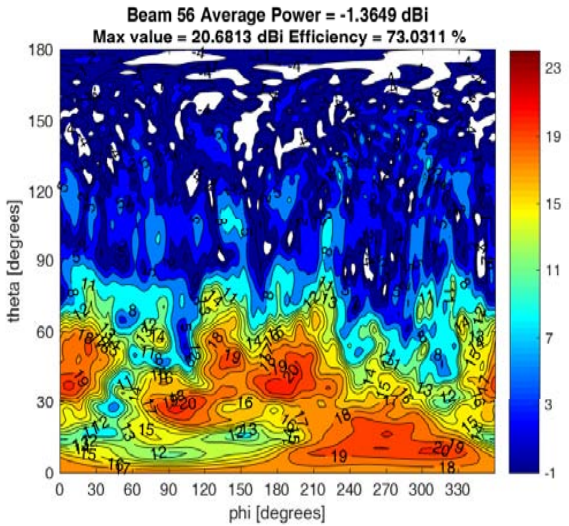
Simulated @ High
Max. EIRP : 20.44dBm



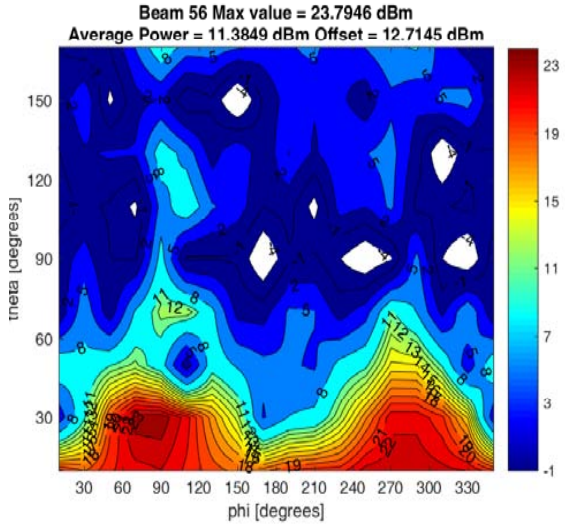
n261 Peak Beam Full band Data

Beam #56

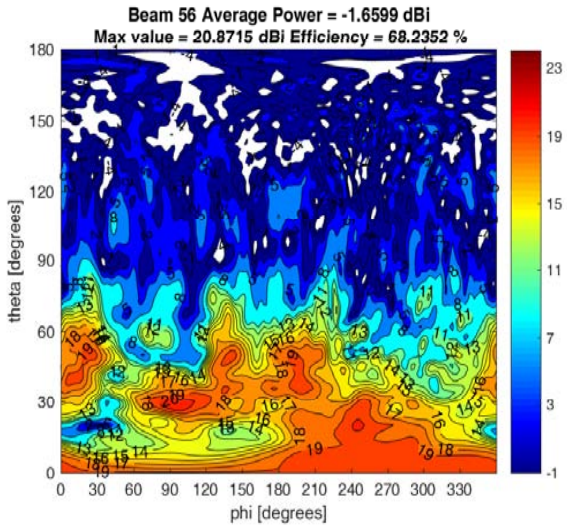
Simulated @ Low
Max. EIRP : 20.68dBm



Measured @ Mid
Max. EIRP : 23.79dBm



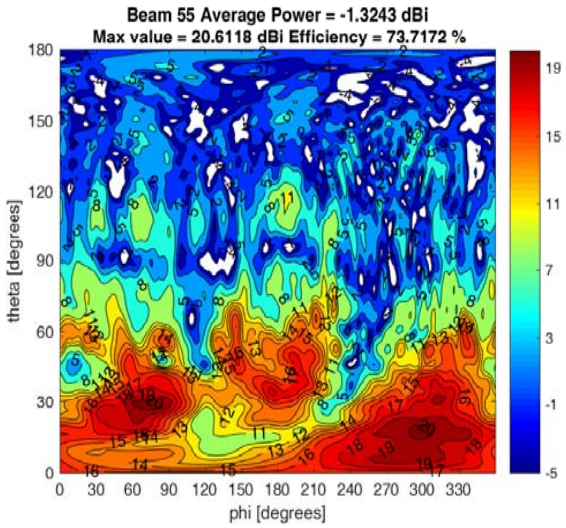
Simulated @ High
Max. EIRP : 20.87dBm



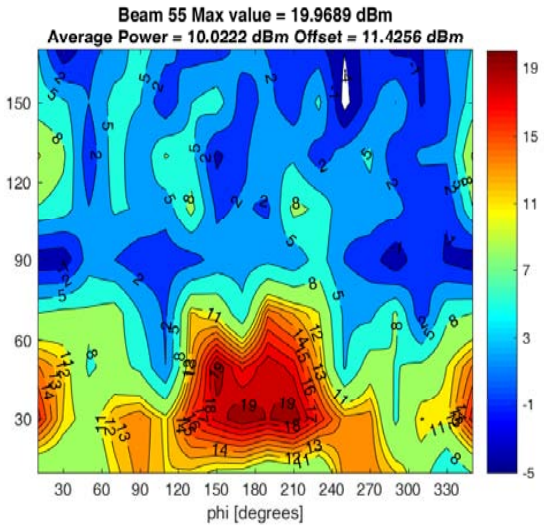
n261 Peak Beam Full band Data

Beam #55

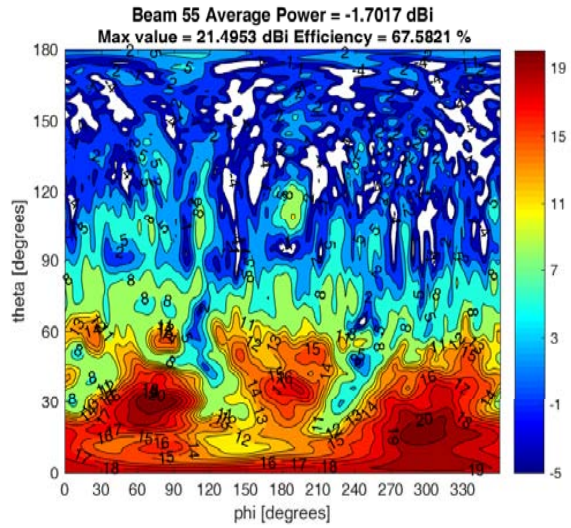
Simulated @ Low
Max. EIRP : 20.61dBm



Measured @ Mid
Max. EIRP : 19.97dBm



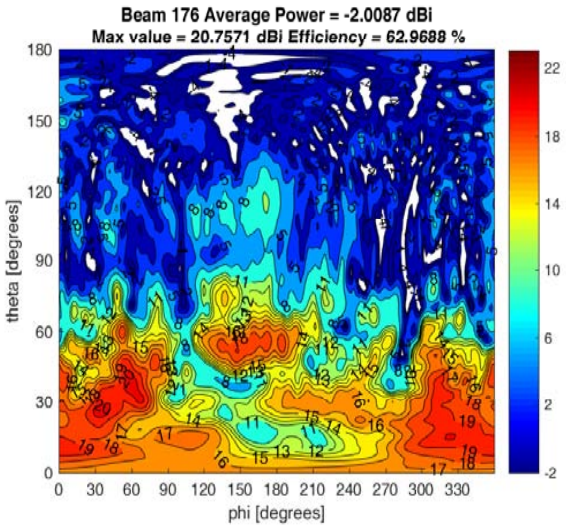
Simulated @ High
Max. EIRP : 21.50dBm



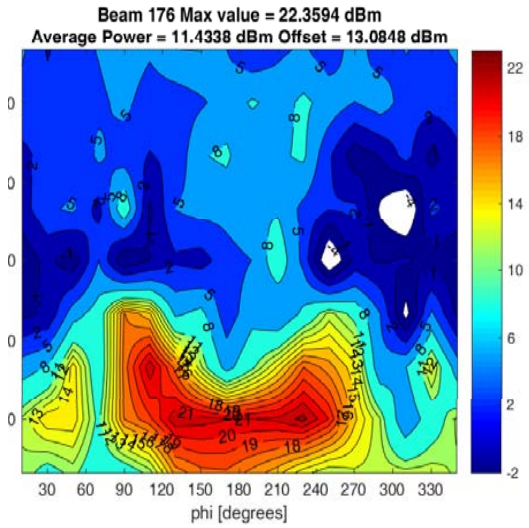
n261 Peak Beam Full band Data

Beam #176

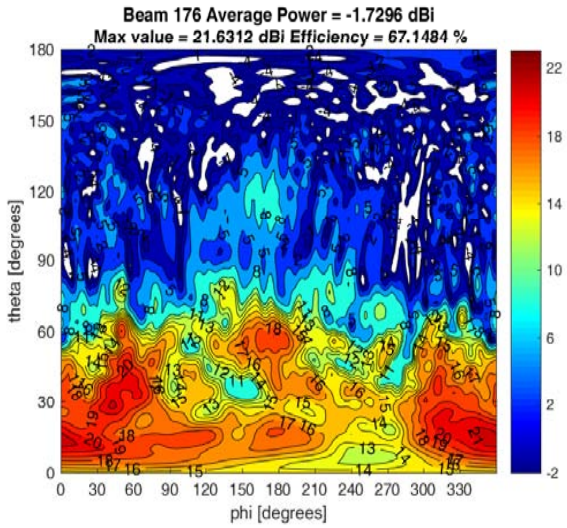
Simulated @ Low
Max. EIRP : 20.76dBm



Measured @ Mid
Max. EIRP : 22.36dBm



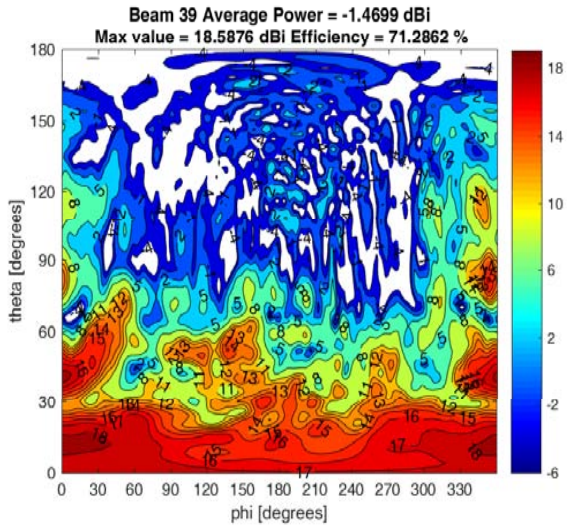
Simulated @ High
Max. EIRP : 21.63dBm



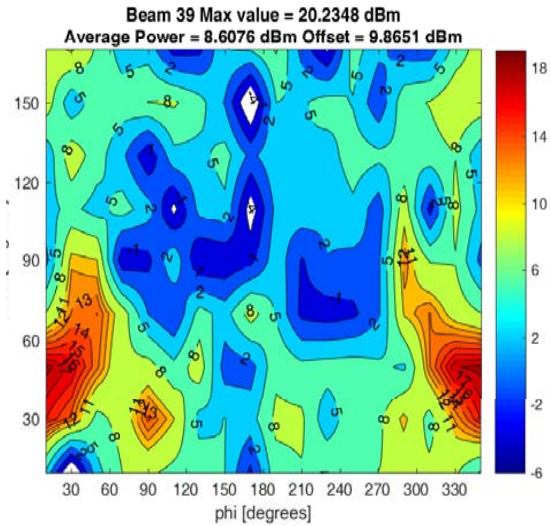
n261 Peak Beam Full band Data

Beam #39

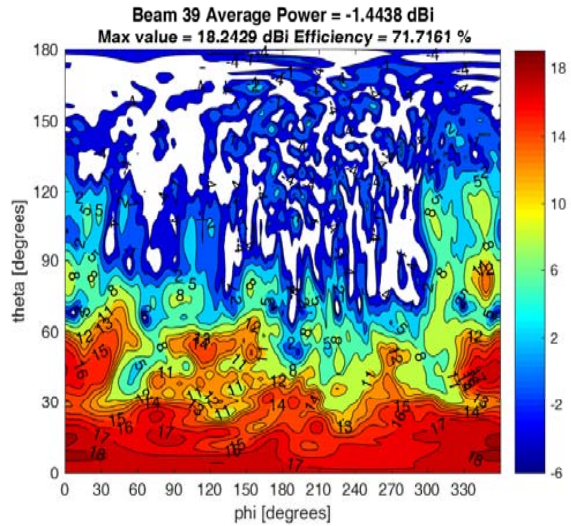
Simulated @ Low
Max. EIRP : 18.59dBm



Measured @ Mid
Max. EIRP : 20.23dBm



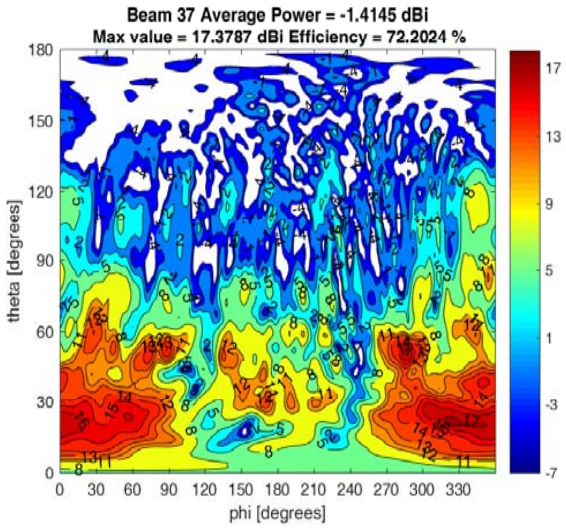
Simulated @ High
Max. EIRP : 18.24dBm



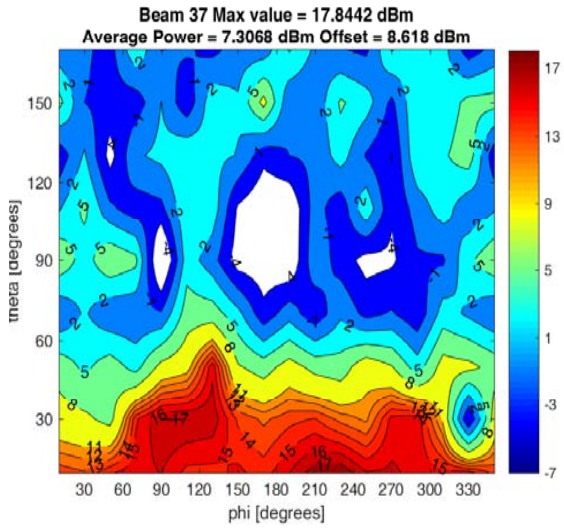
n261 Peak Beam Full band Data

Beam #37

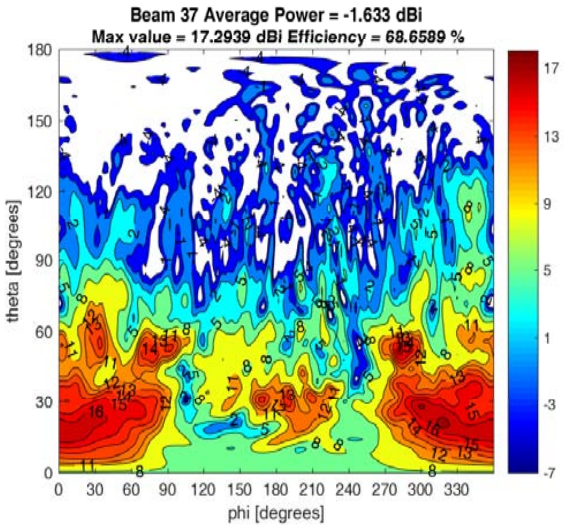
Simulated @ Low
Max. EIRP : 17.38dBm



Measured @ Mid
Max. EIRP : 17.84dBm



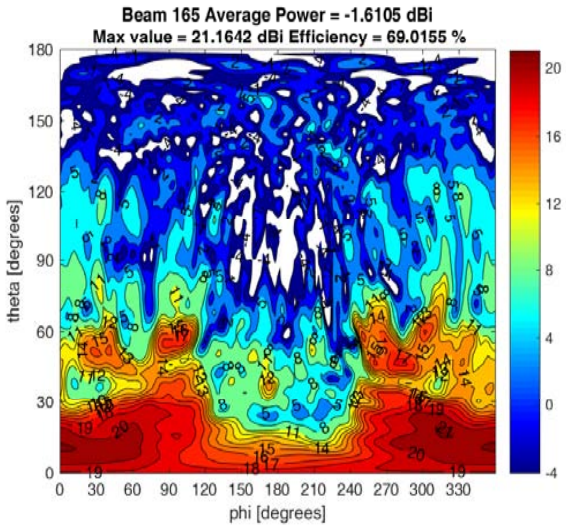
Simulated @ High
Max. EIRP : 17.29dBm



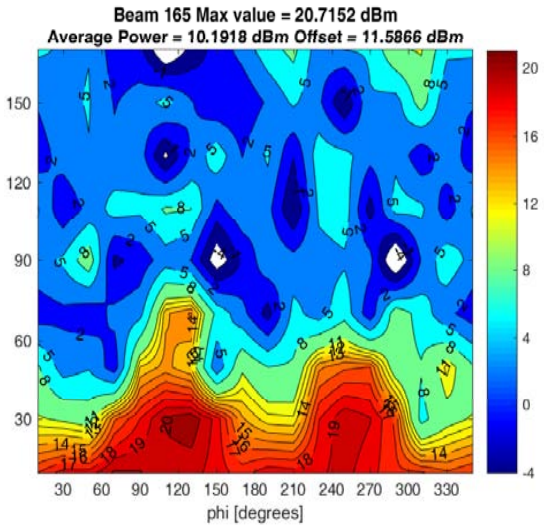
n261 Peak Beam Full band Data

Beam #165

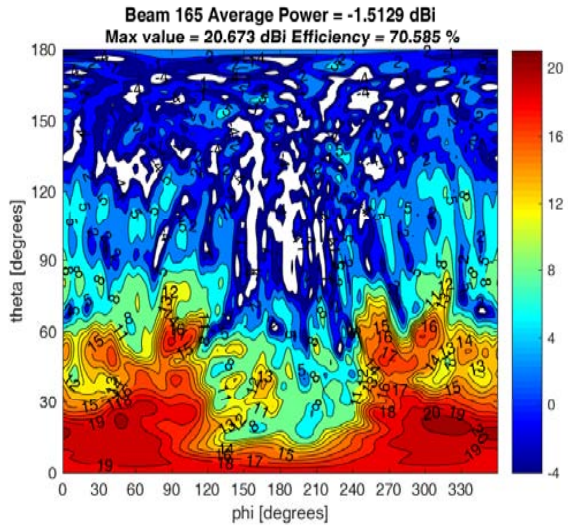
Simulated @ Low
Max. EIRP : 21.76dBm



Measured @ Mid
Max. EIRP : 20.72dBm



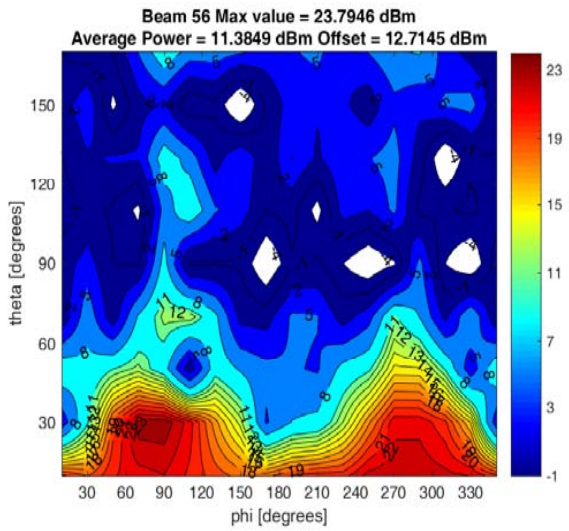
Simulated @ High
Max. EIRP : 20.67dBm



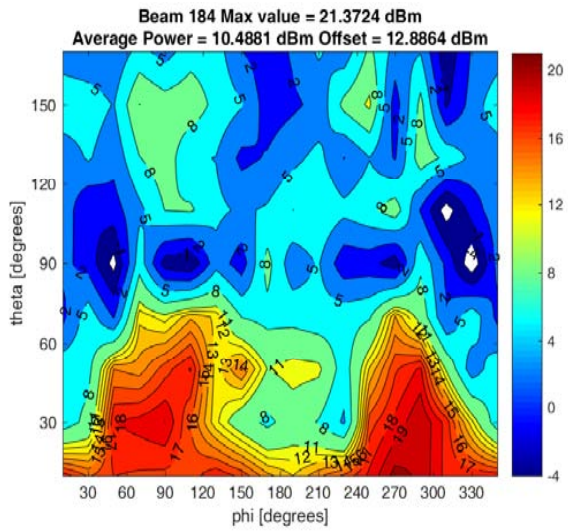
n261 Peak Beam Full band Data

MIMO Beam # 56+184

Measured @ Mid
Max. EIRP : 23.79dBm



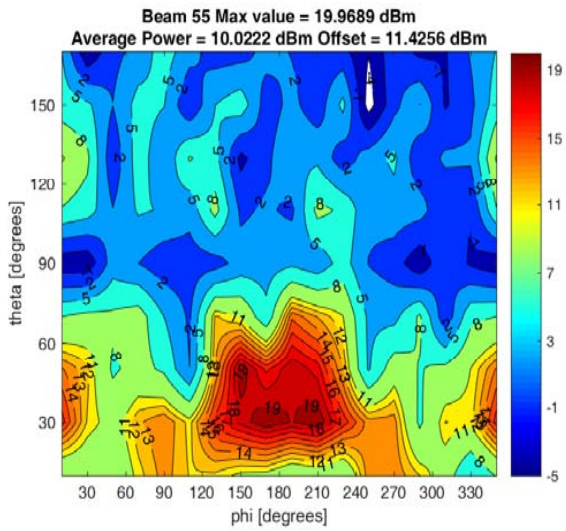
Measured @ Mid
Max. EIRP : 21.37dBm



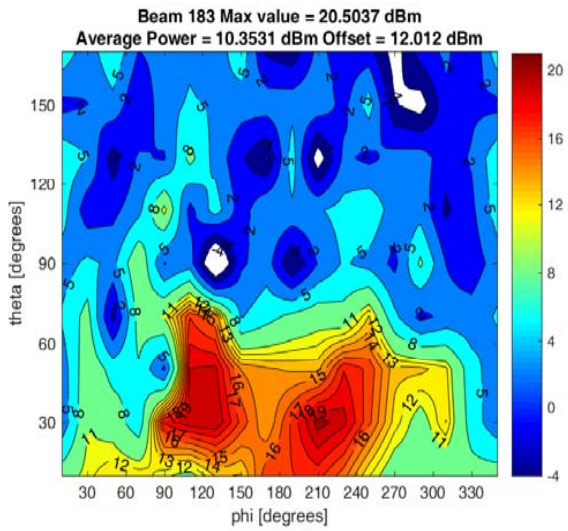
n261 Peak Beam Full band Data

MIMO Beam # 55+183

Measured @ Mid
Max. EIRP : 19.97dBm



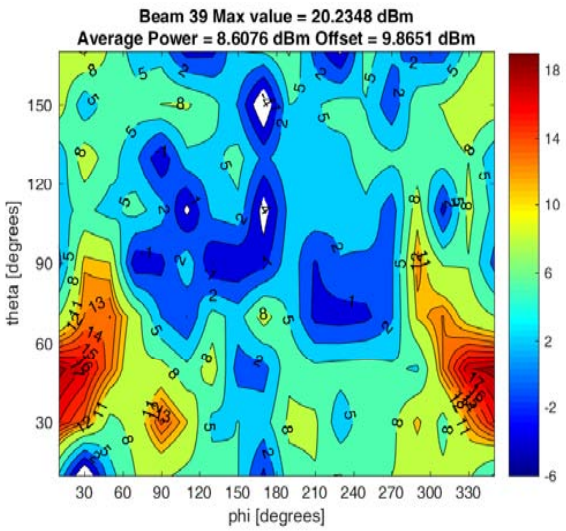
Measured @ Mid
Max. EIRP : 20.50dBm



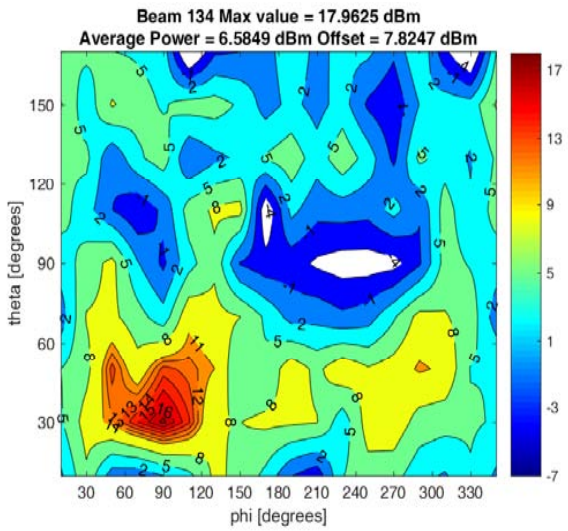
n261 Peak Beam Full band Data

MIMO Beam # 39+134

Measured @ Mid
Max. EIRP : 20.23dBm



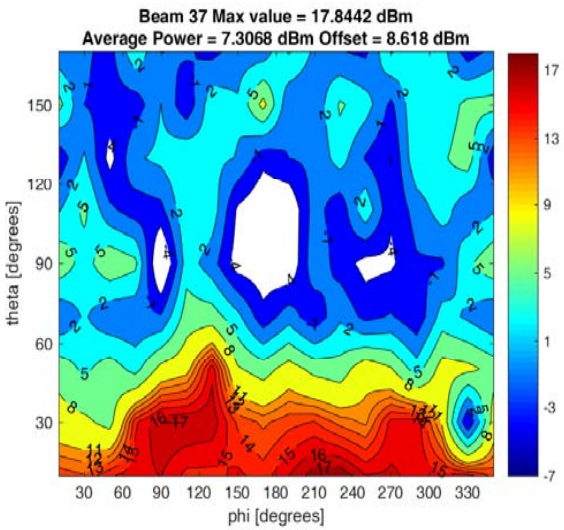
Measured @ Mid
Max. EIRP : 17.96dBm



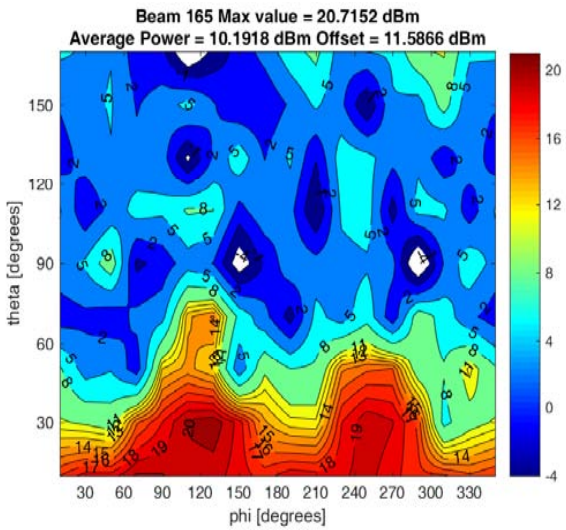
n261 Peak Beam Full band Data

MIMO Beam # 37+165

Measured @ Mid
Max. EIRP : 17.84dBm



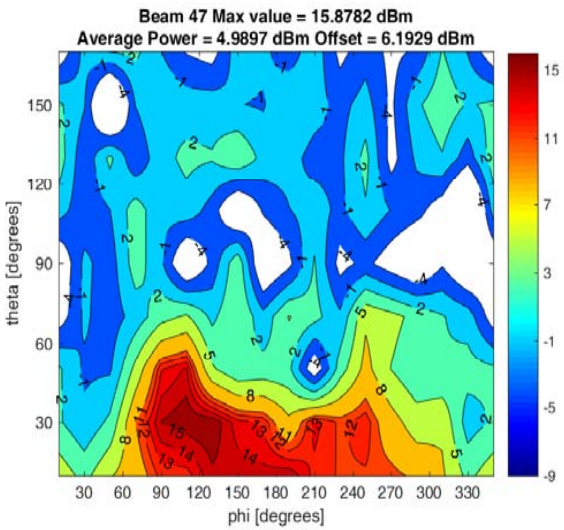
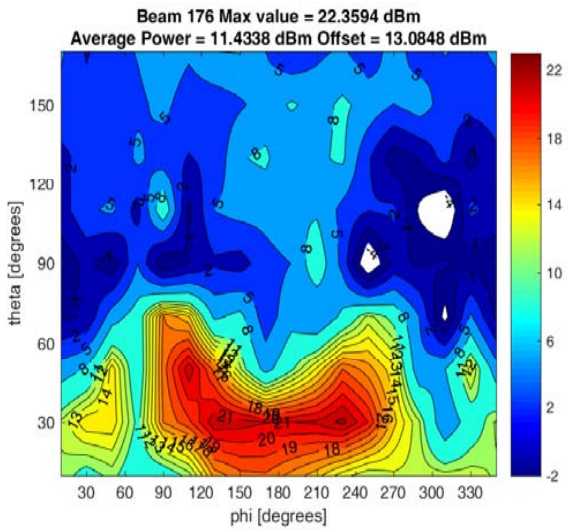
Measured @ Mid
Max. EIRP : 20.72dBm



n261 Peak Beam Full band Data

MIMO Beam # 47+176

Measured @ Mid
Max. EIRP : 15.88dBm



Measured @ Mid
Max. EIRP : 22.36dBm