

Information of ODU (5G NR N260 – 29G/39G) Permit-But-Ask Guidance

1. System Information

Description	Parameter	Comment
FCC ID		
Radio Service	Part 30	Rule parts

This device can support WWAN 5G in 3GPP n260/n261 (QUALCOMM solution)

Below table is technology brief parameter.

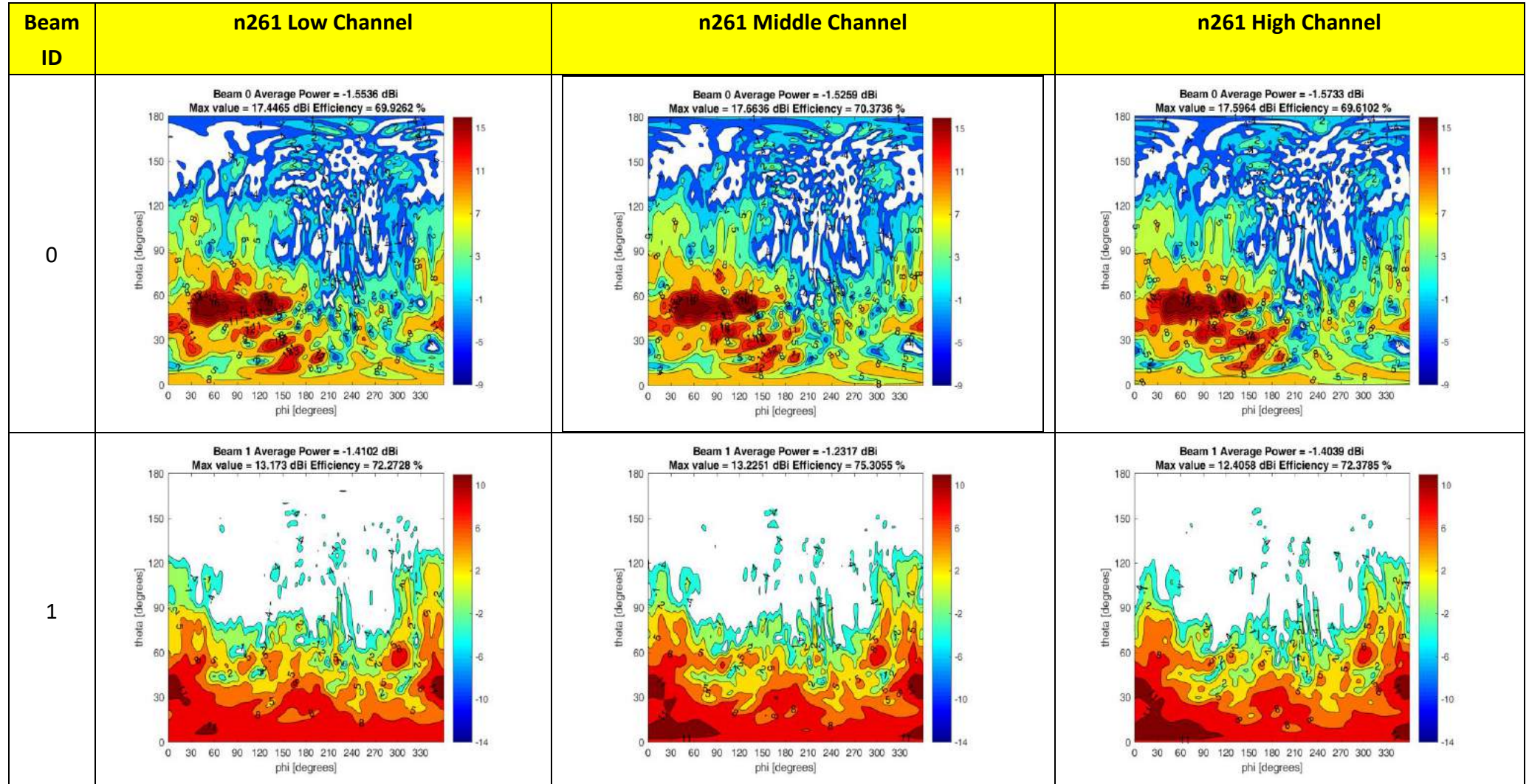
Table 1: 5G NR Brief Operating Parameters

Description	Parameter	Comment
Frequency band	27.5 ~ 28.35GHz 37.6 ~ 40.0GHz	System parameter
RF Output Power	Maximum EIRP: 28.8 dBm	System parameter
System/Channel Bandwidth (MHz)	Support 1CC /2CC/4CC (CC : Component carrier) 1CC BW : 100MHz Operation bandwidth : 100MHz ~ 400MHz	System parameter

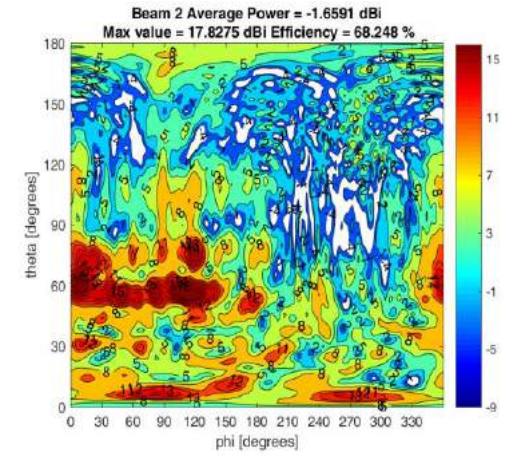
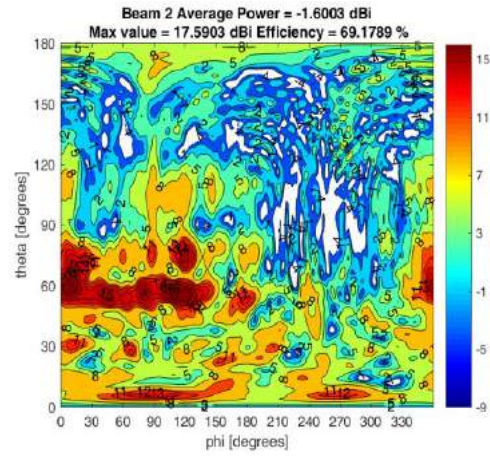
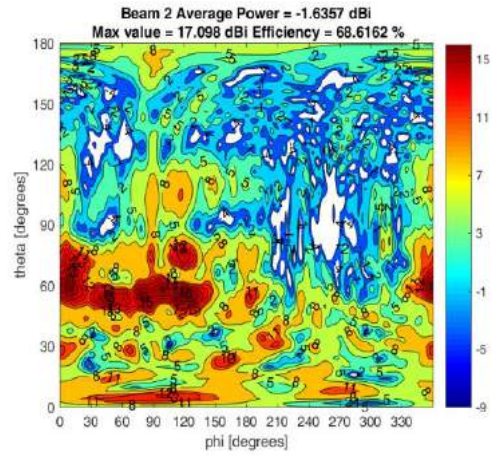
Modulation Schemes	64QAM	Identify all applicable modulations																									
MIMO Schemes	2x2 MIMO (Vertical beam + Horizontal beam)	Describe MIMO information																									
Antenna	<table><tr><th colspan="2">Antenna Gain_NR260</th><th></th><th colspan="2">Antenna Gain_NR261</th></tr><tr><th>Frequency (GHz)</th><th>Gain (dBi)</th><th></th><th>Frequency (GHz)</th><th>Gain (dBi)</th></tr><tr><td>37 (the lowest edge of frequency)</td><td>23.23</td><td></td><td>27.5 (the lowest edge of frequency)</td><td>22.14</td></tr><tr><td>38.45</td><td>22.88</td><td></td><td>27.88</td><td>24.1</td></tr><tr><td>40 (the highest edge of frequency)</td><td>23.32</td><td></td><td>28.35 (the highest edge of frequency)</td><td>22.03</td></tr></table>	Antenna Gain_NR260			Antenna Gain_NR261		Frequency (GHz)	Gain (dBi)		Frequency (GHz)	Gain (dBi)	37 (the lowest edge of frequency)	23.23		27.5 (the lowest edge of frequency)	22.14	38.45	22.88		27.88	24.1	40 (the highest edge of frequency)	23.32		28.35 (the highest edge of frequency)	22.03	Describe Antenna information
Antenna Gain_NR260			Antenna Gain_NR261																								
Frequency (GHz)	Gain (dBi)		Frequency (GHz)	Gain (dBi)																							
37 (the lowest edge of frequency)	23.23		27.5 (the lowest edge of frequency)	22.14																							
38.45	22.88		27.88	24.1																							
40 (the highest edge of frequency)	23.32		28.35 (the highest edge of frequency)	22.03																							
Antenna Location (include operation condition)	※Please refer to “EUT Information”	Describe Antenna information																									

Antenna information:

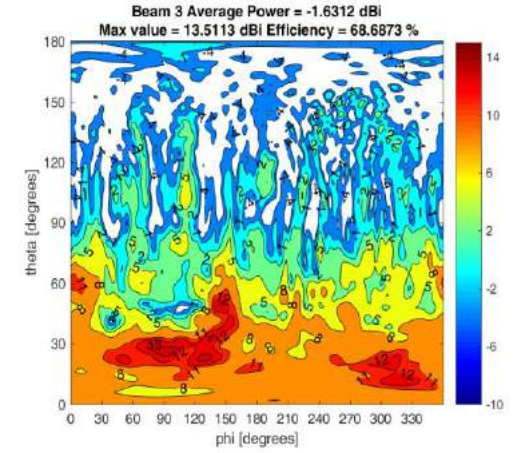
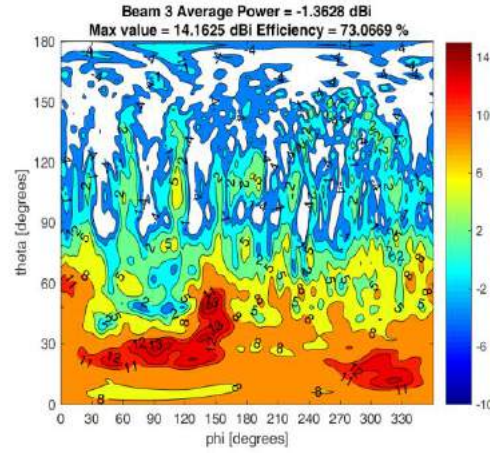
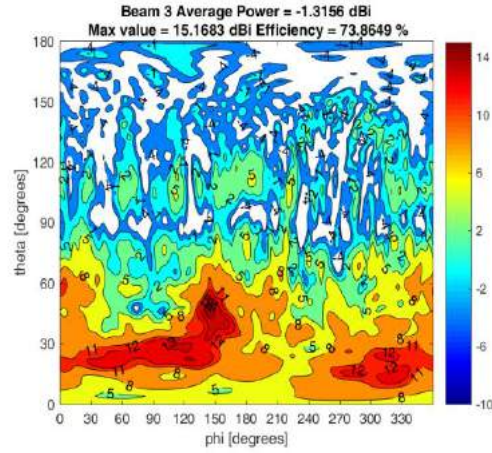
- n261 All Beam data (27.5 ~ 28.35GHz)
- Vertical Beam ID : 0 ~62 ; Horizontal Beam ID : 128 ~ 190



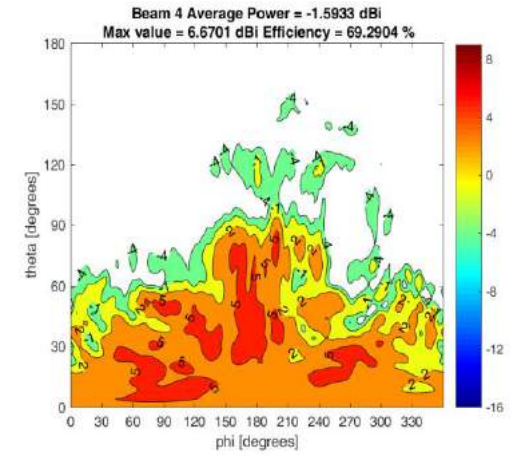
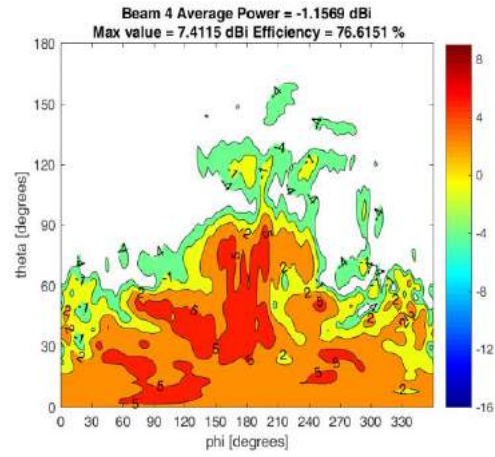
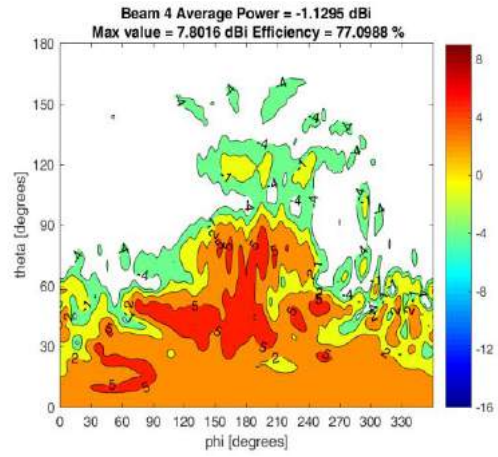
2



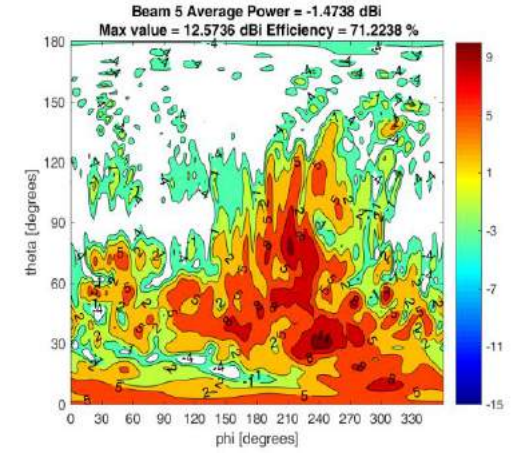
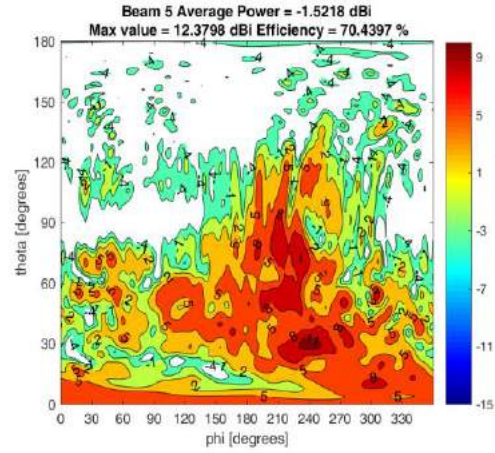
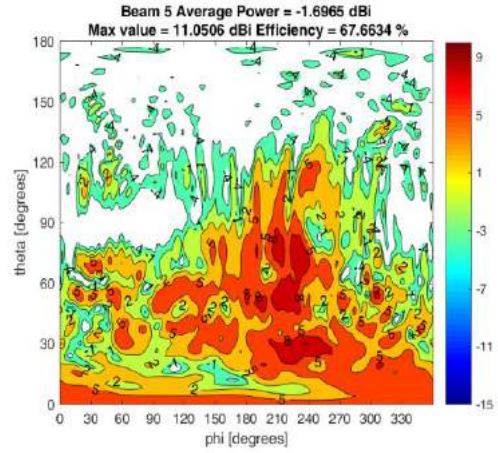
3



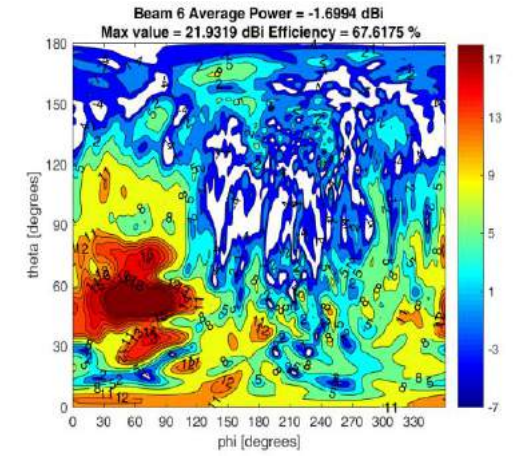
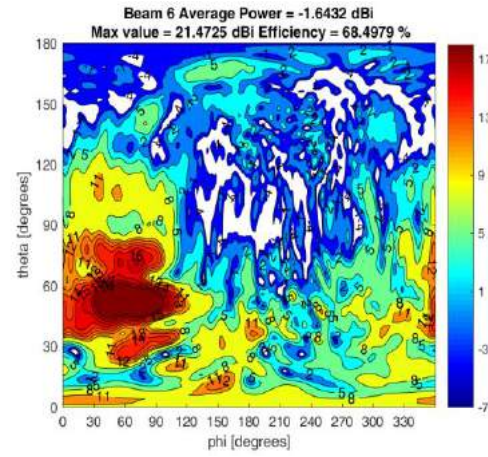
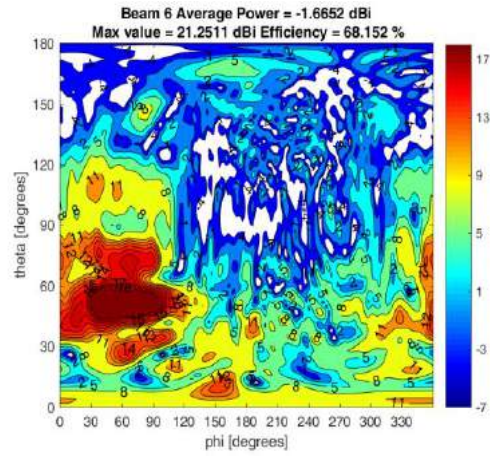
4



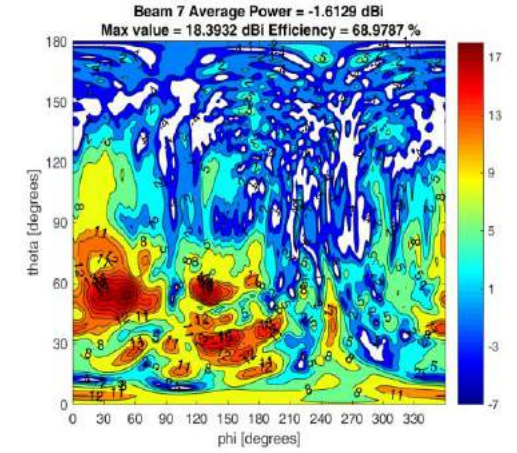
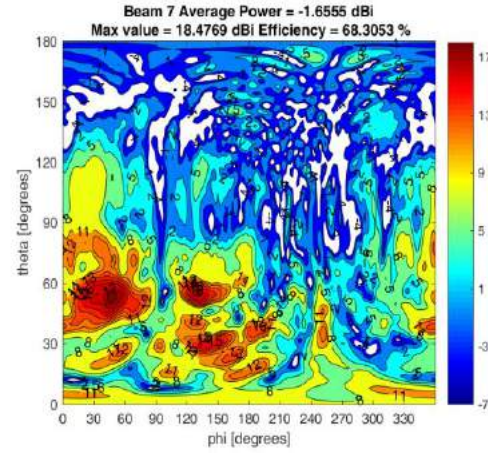
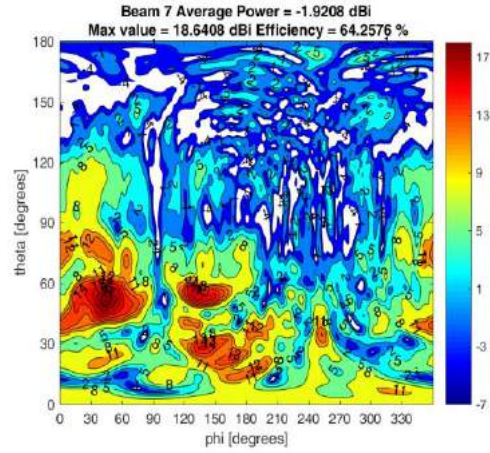
5



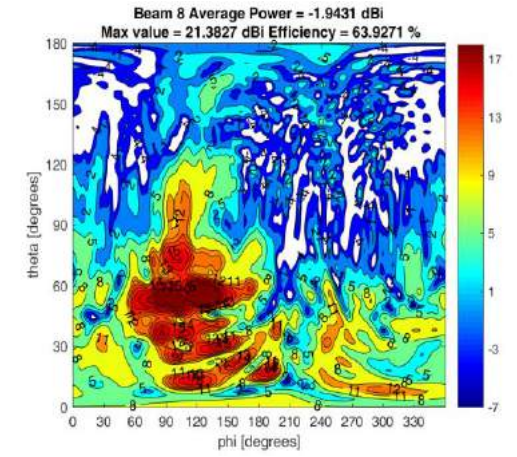
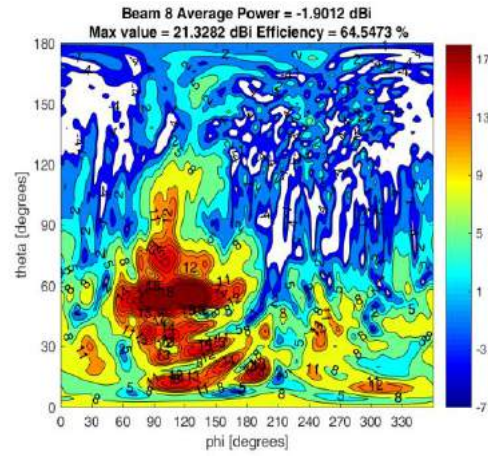
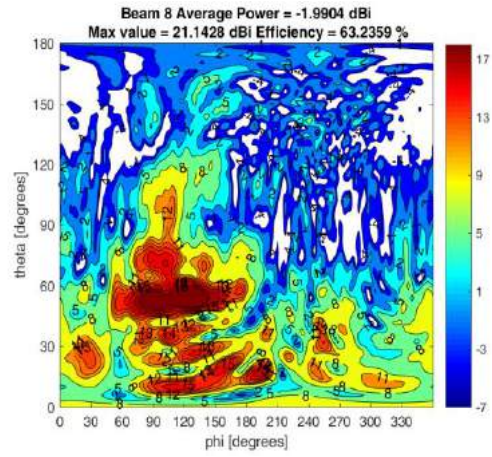
6



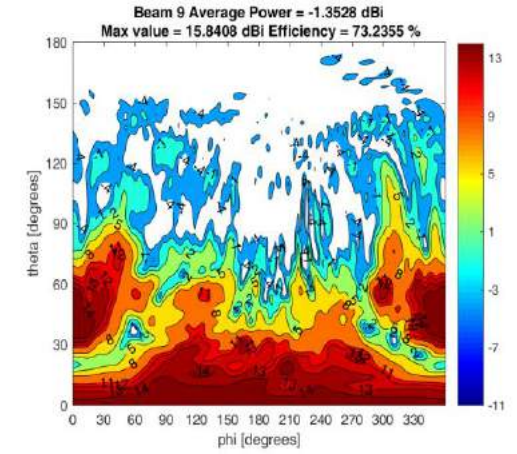
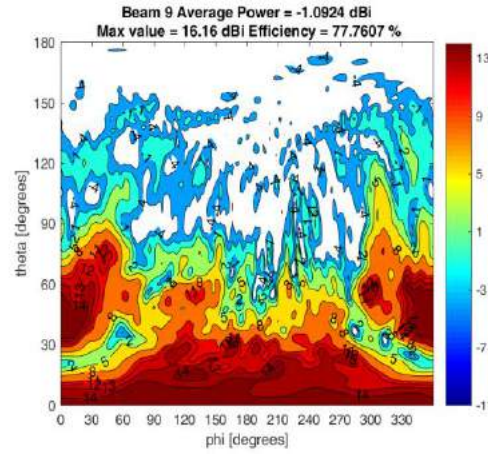
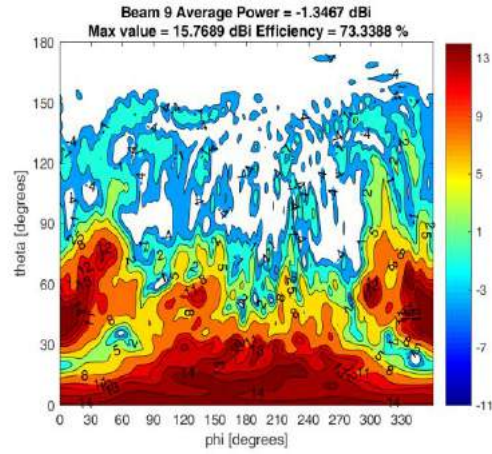
7



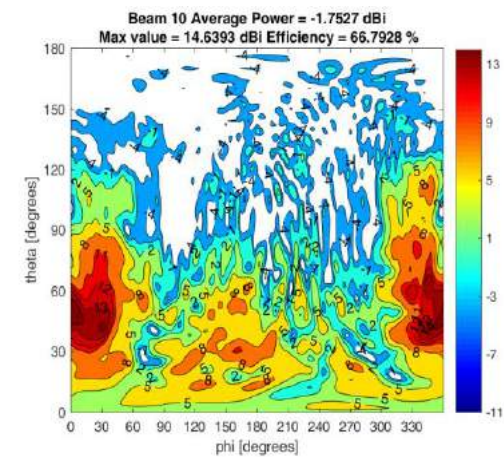
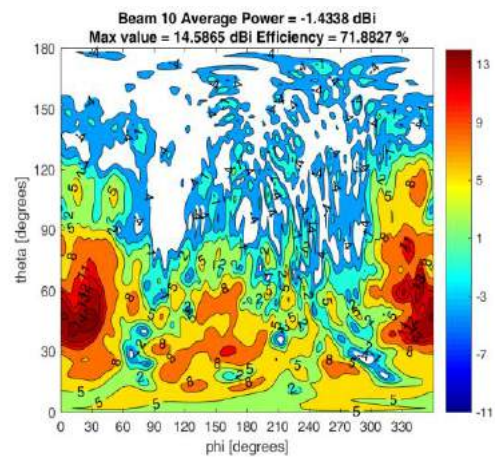
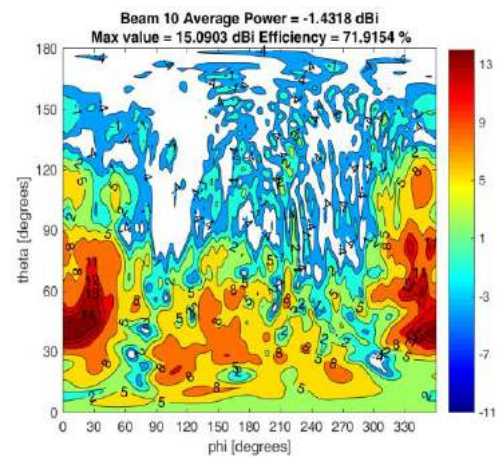
8



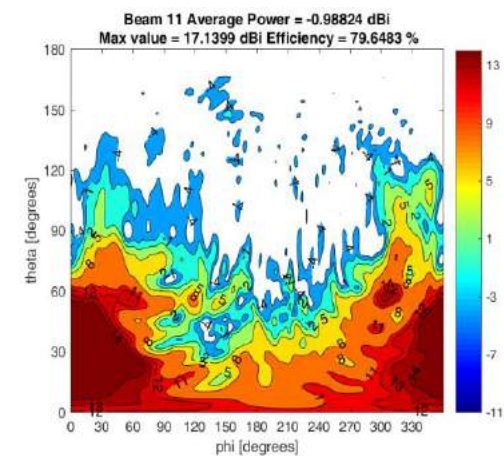
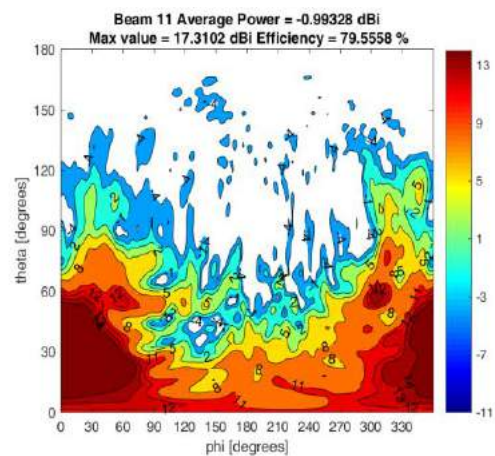
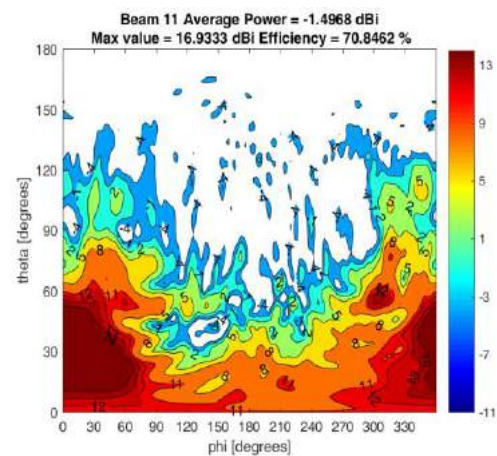
9



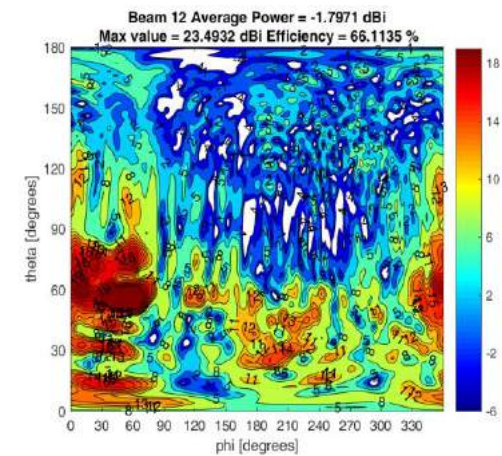
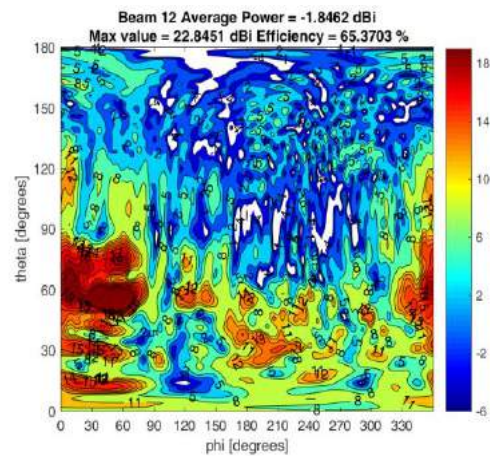
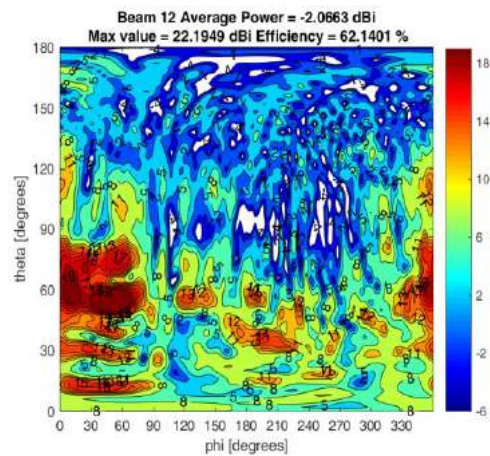
10



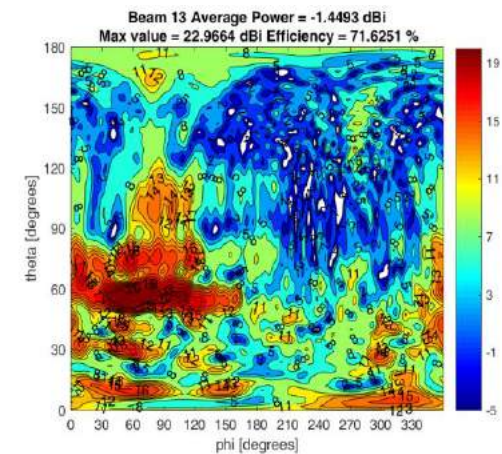
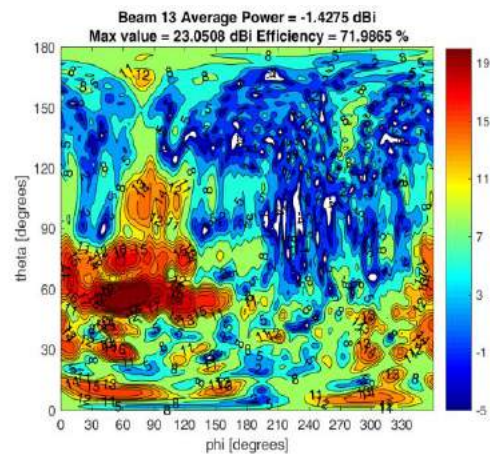
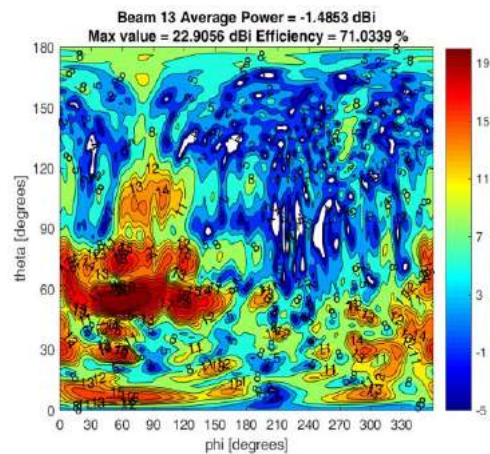
11



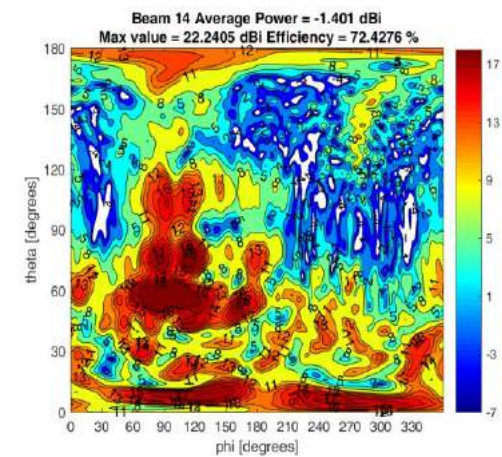
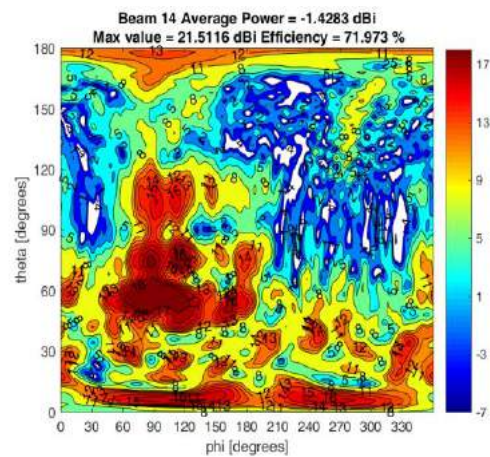
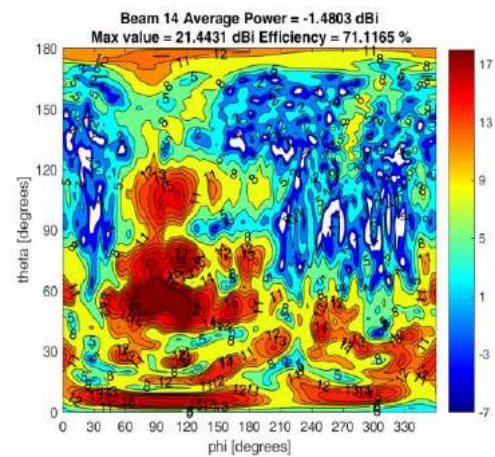
12



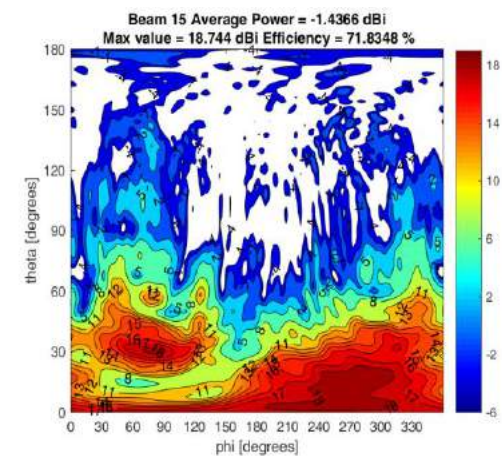
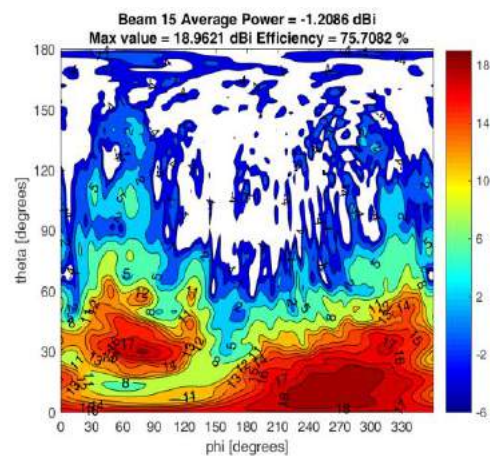
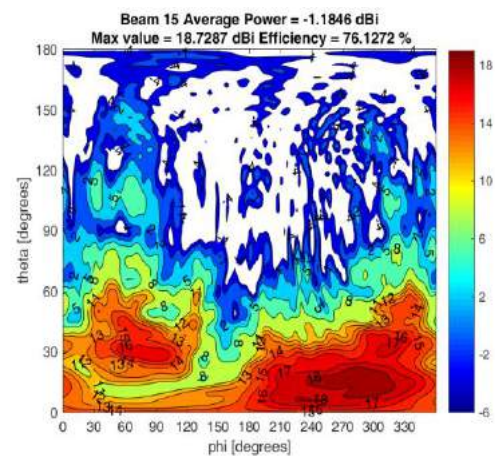
13



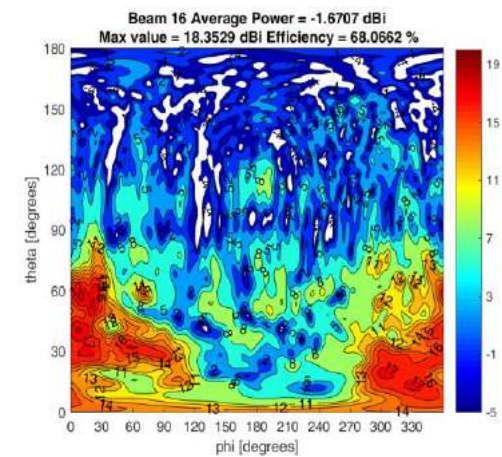
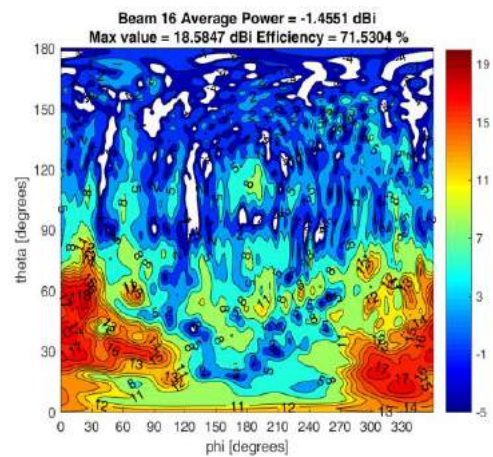
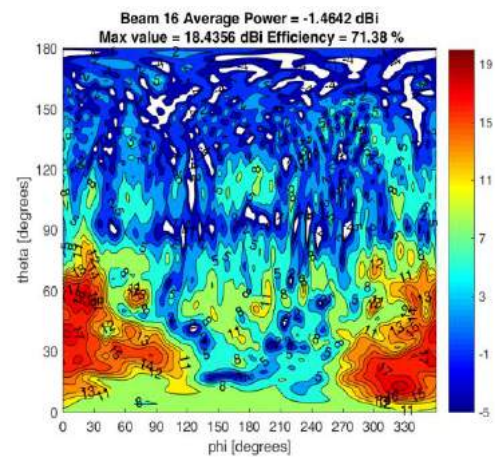
14



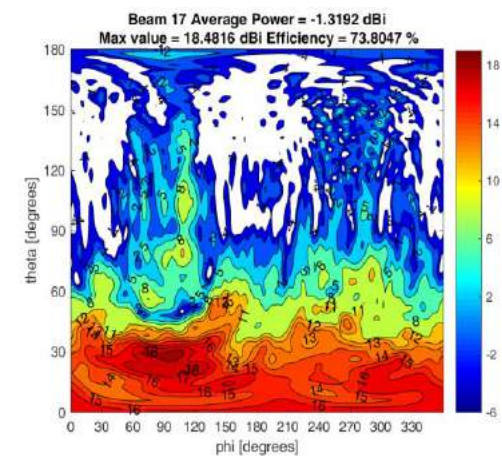
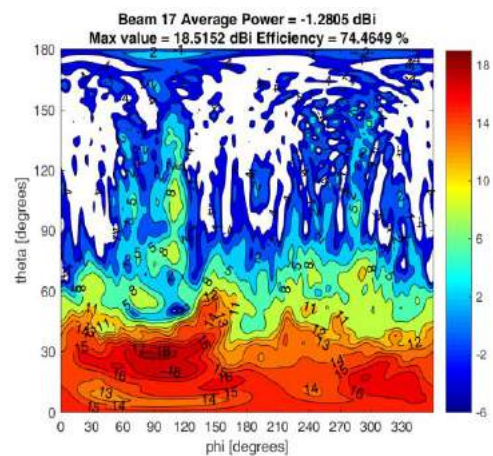
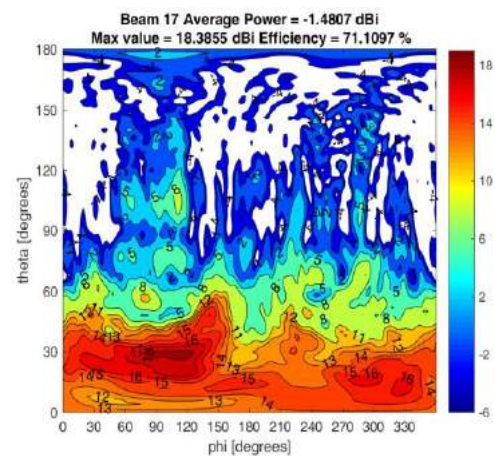
15



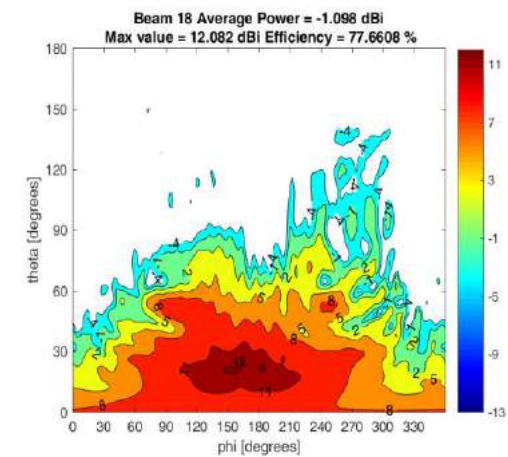
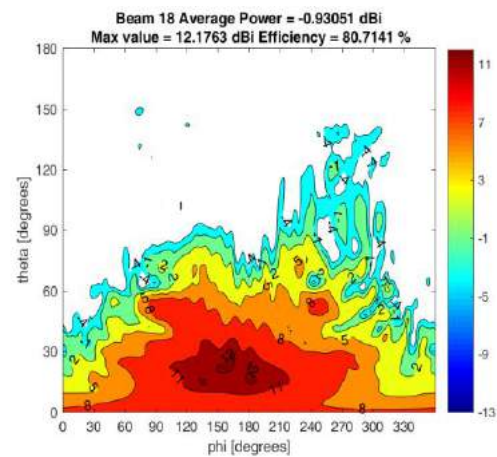
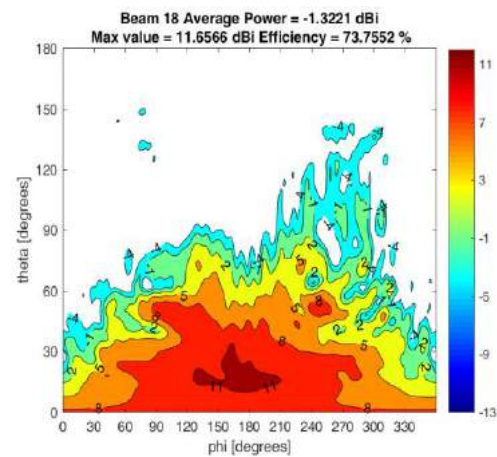
16



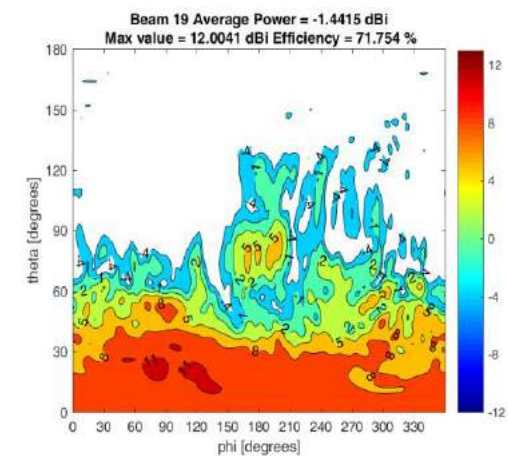
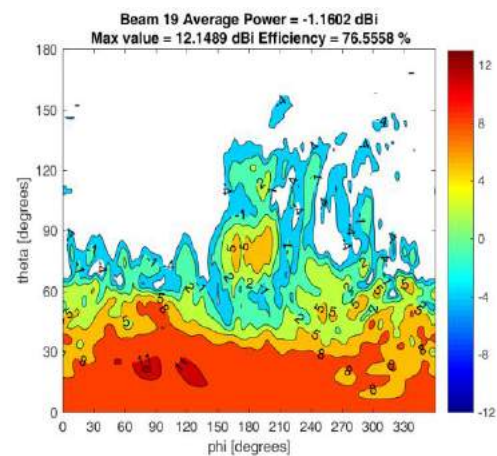
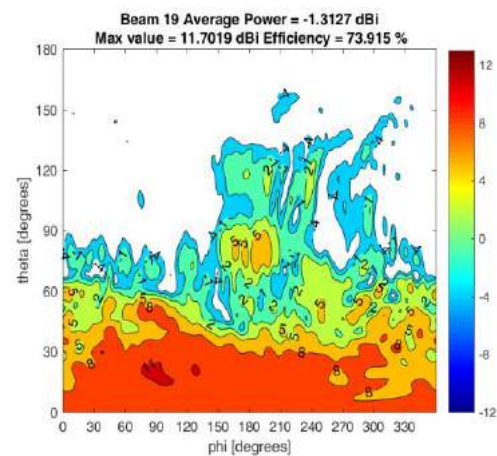
17



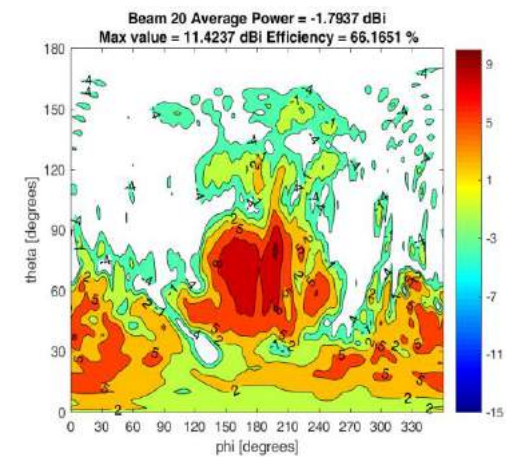
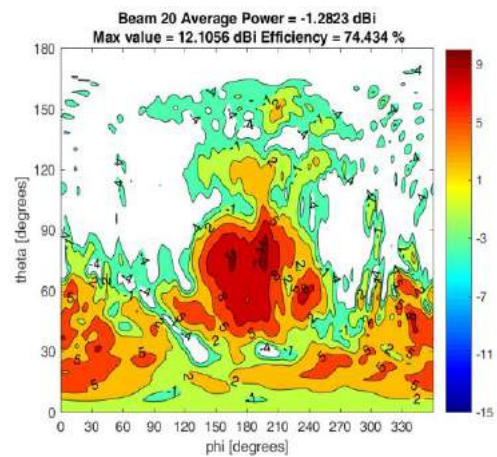
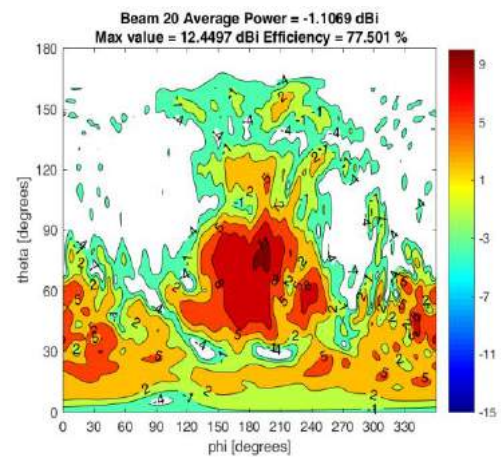
18



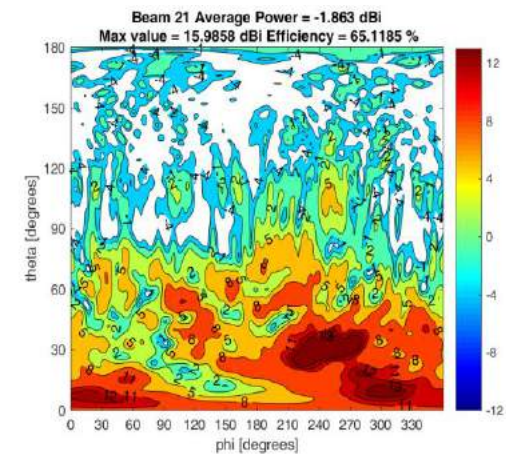
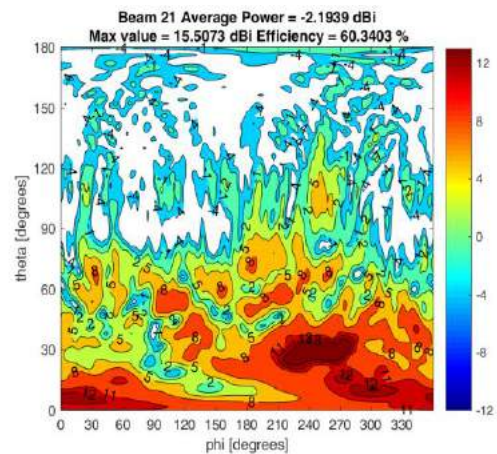
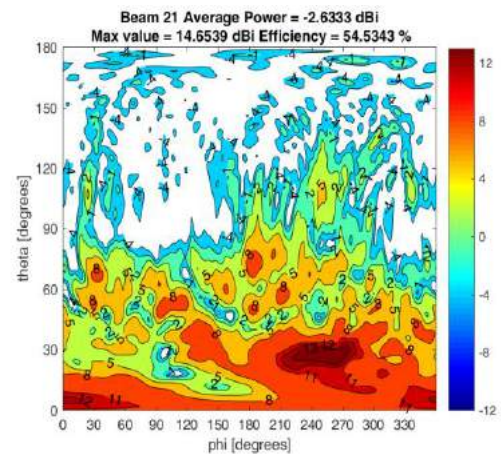
19



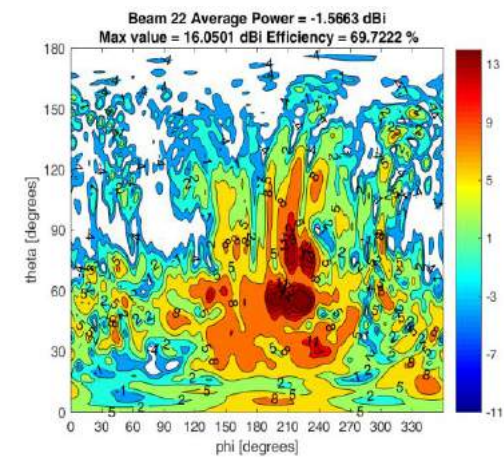
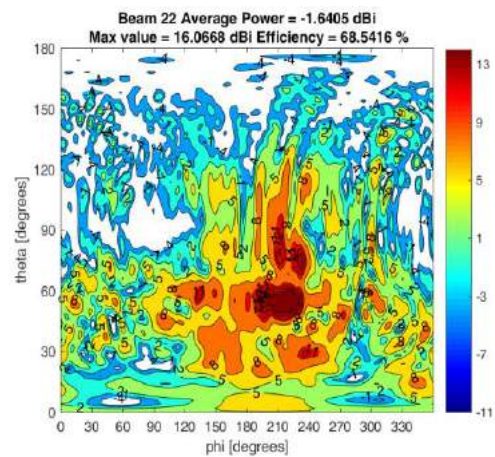
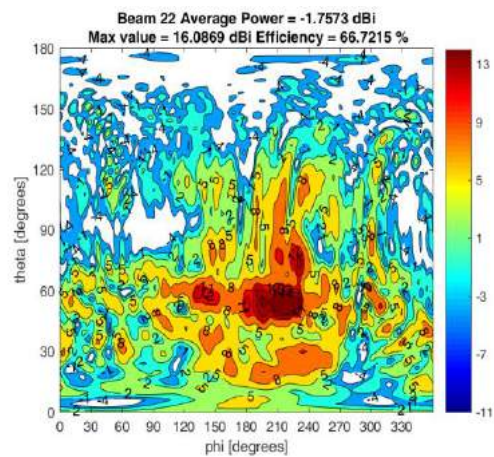
20



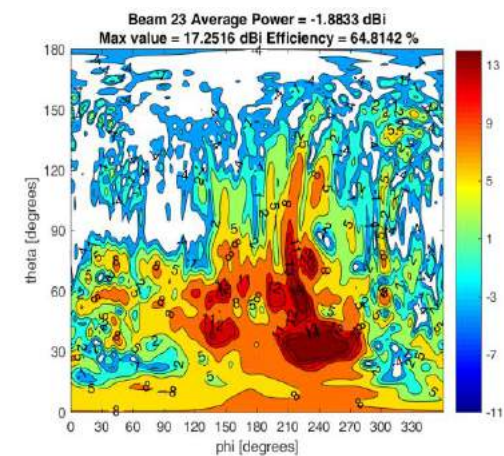
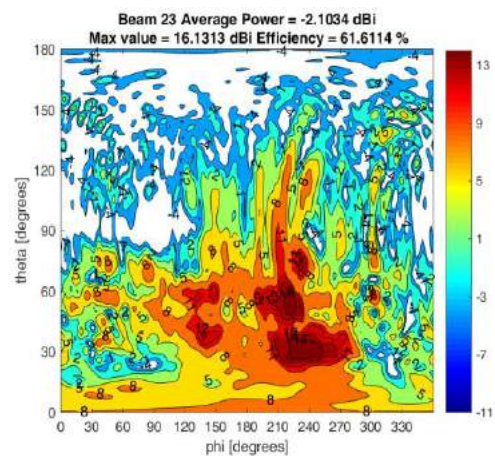
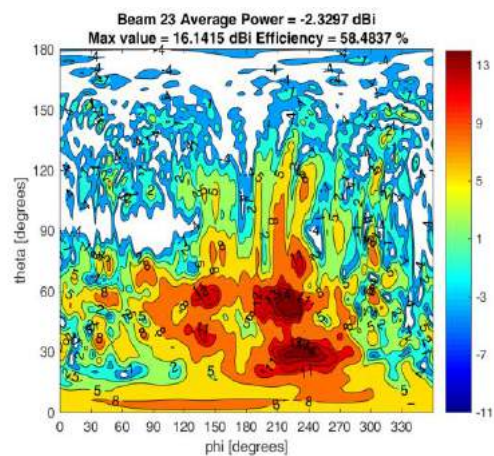
21



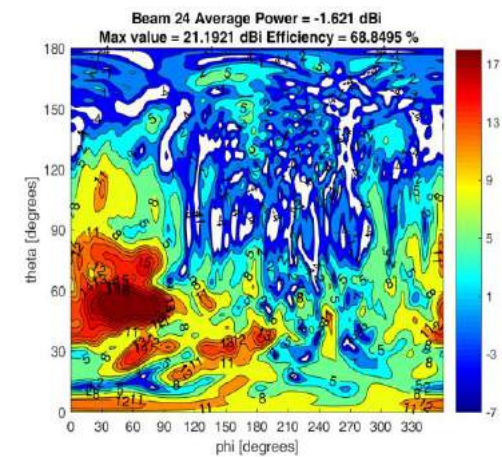
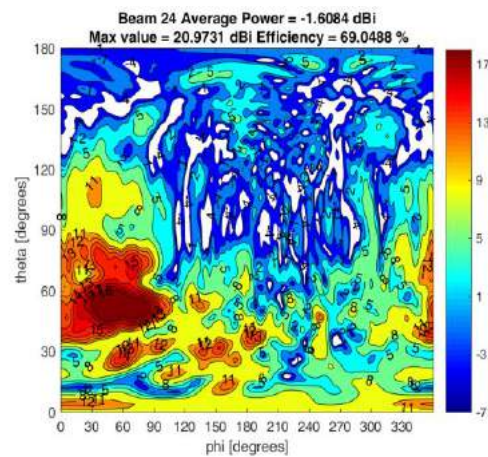
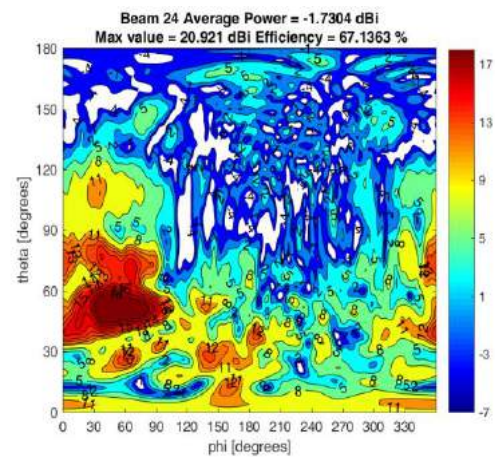
22



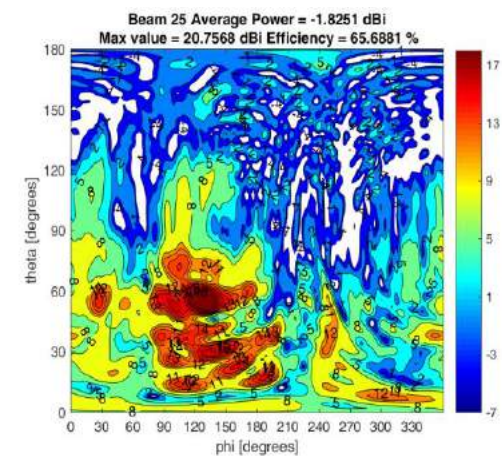
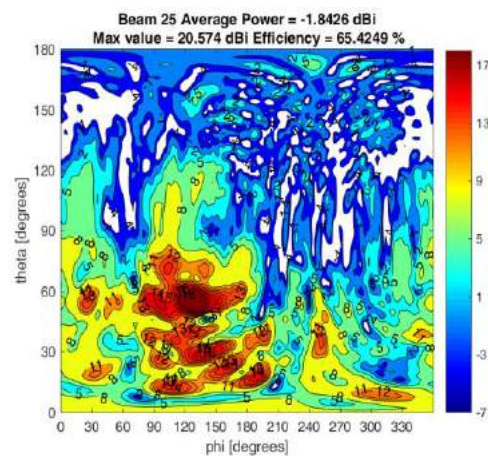
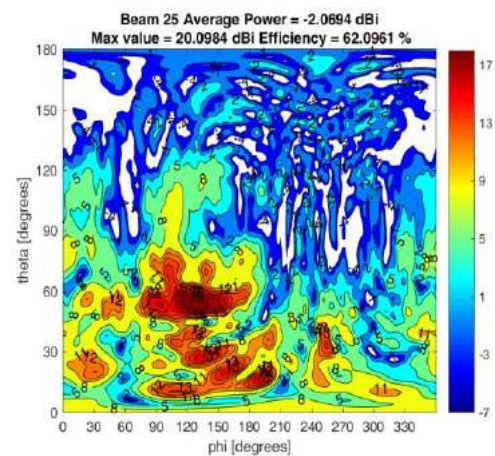
23



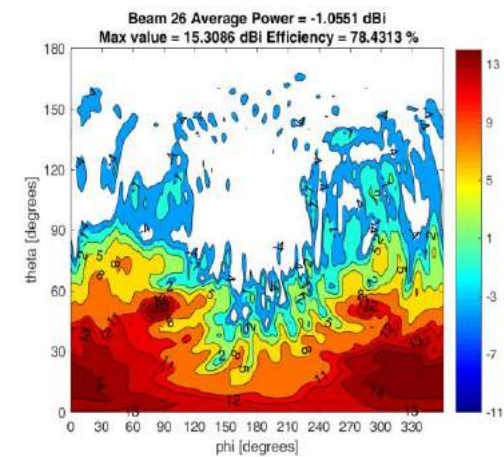
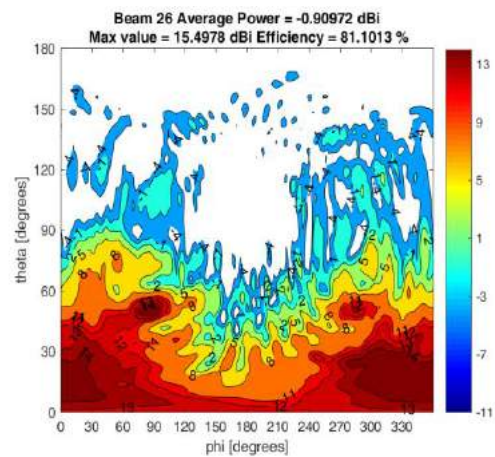
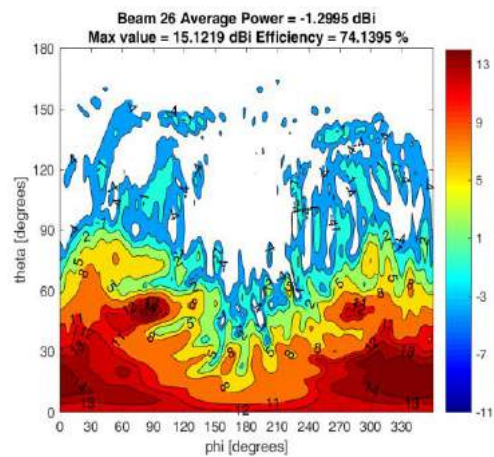
24



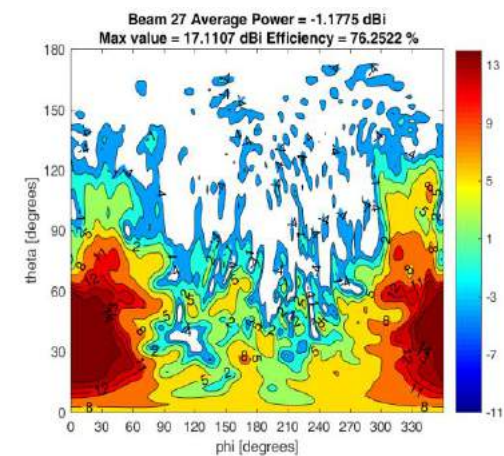
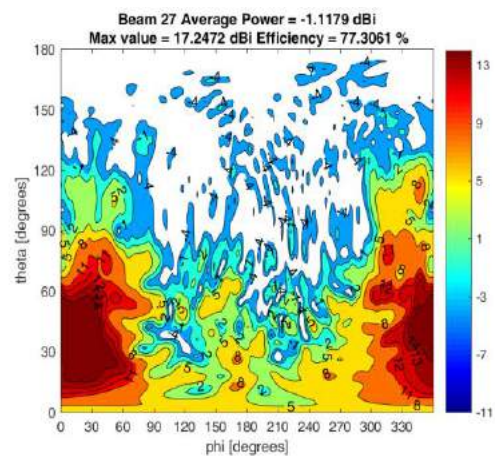
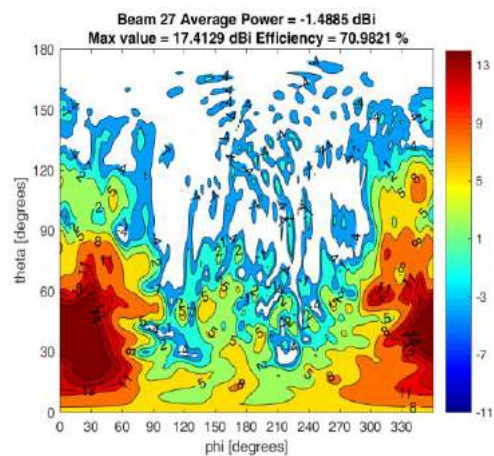
25



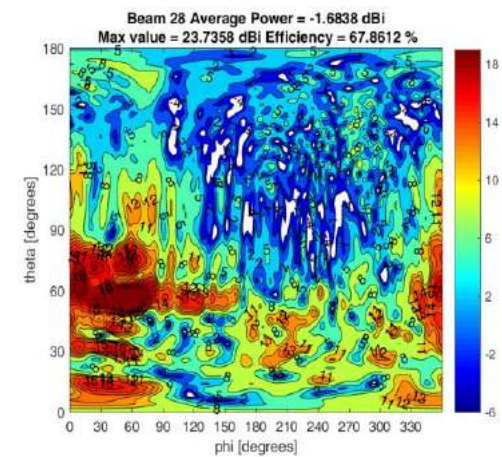
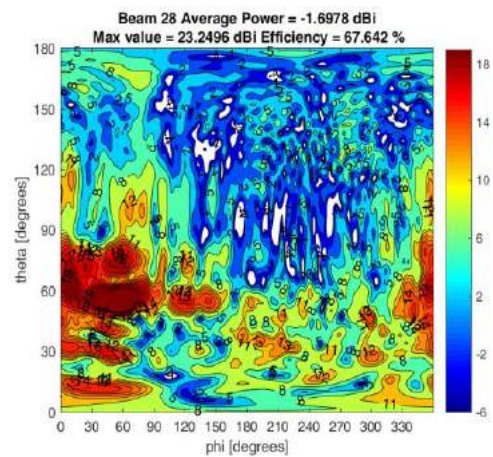
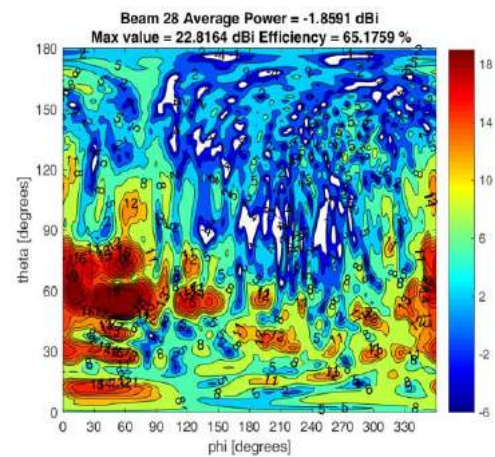
26



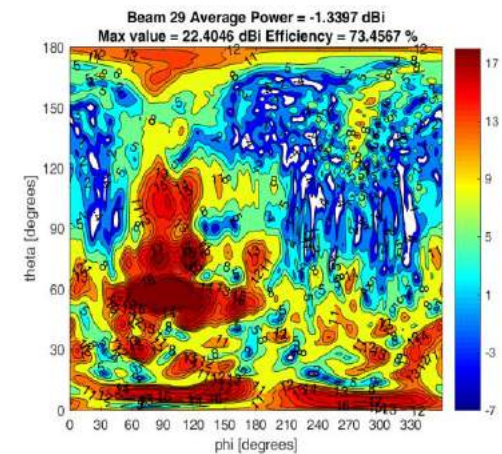
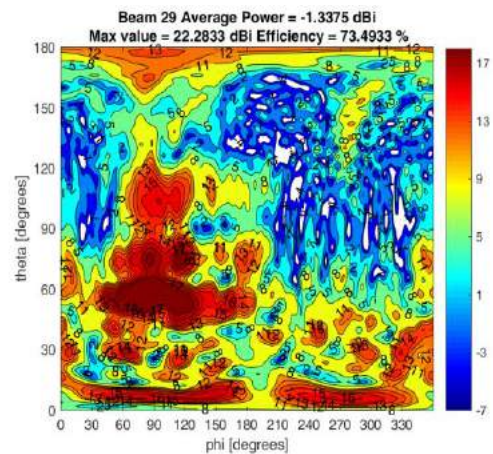
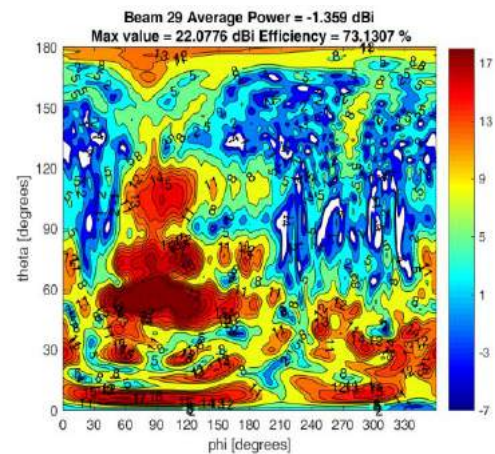
27



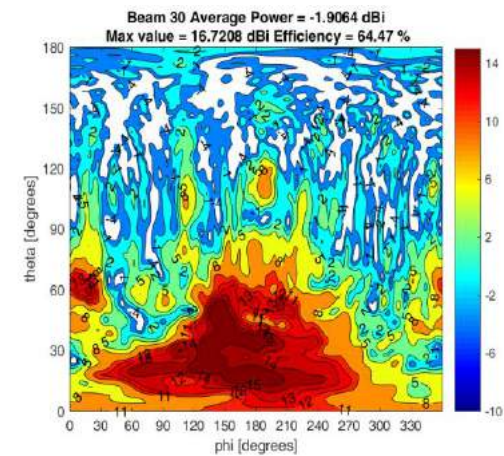
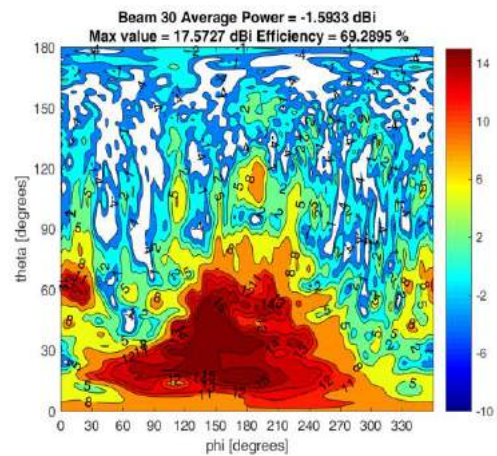
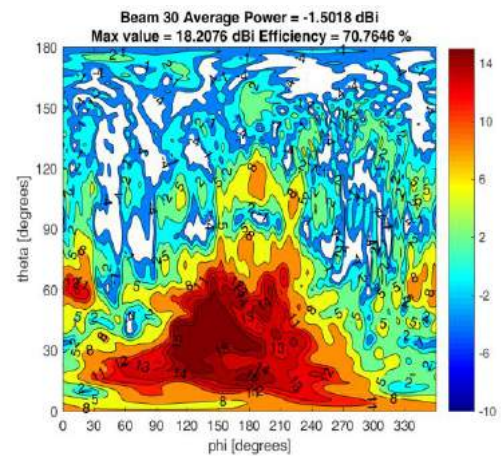
28



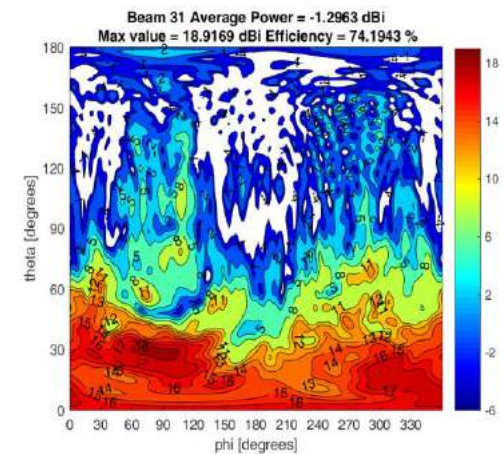
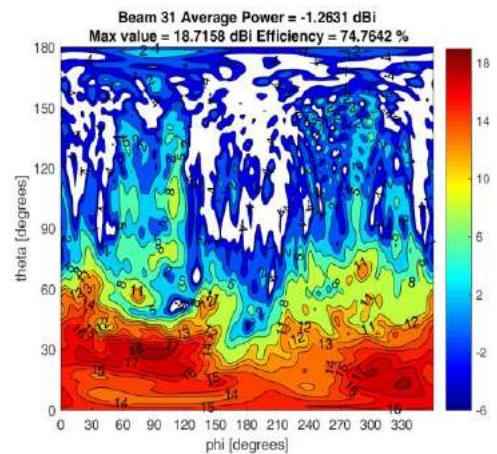
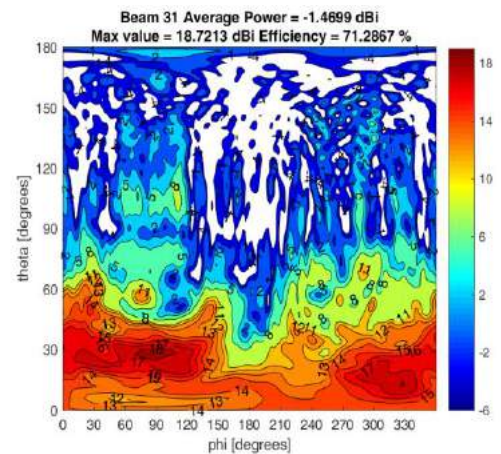
29



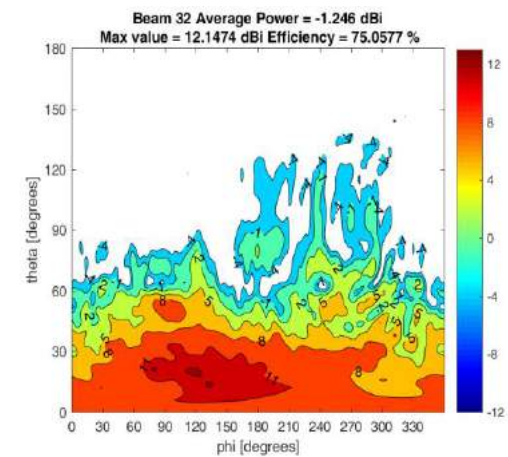
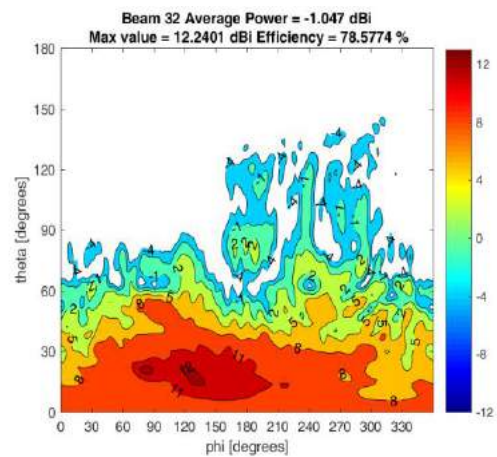
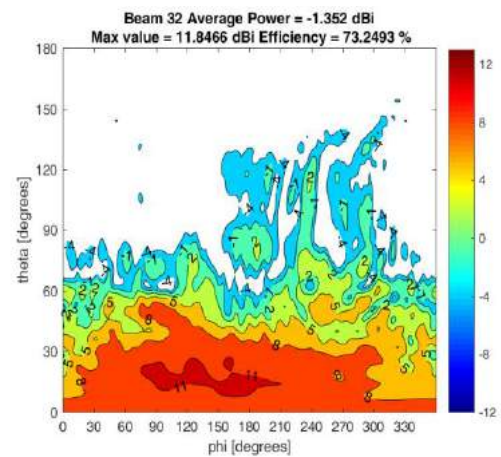
30



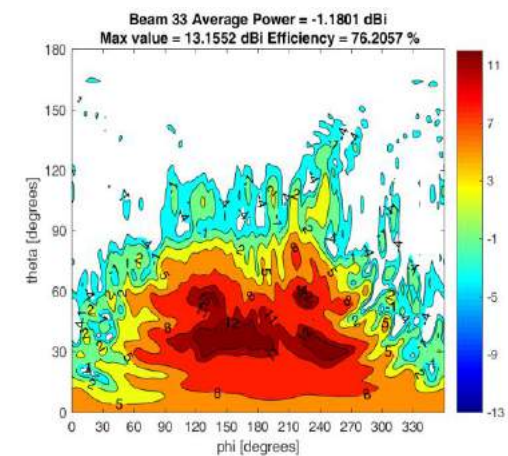
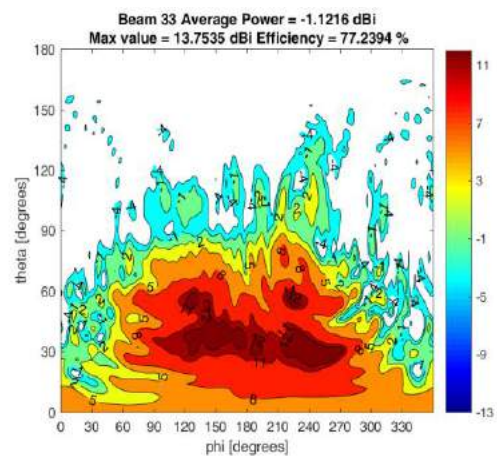
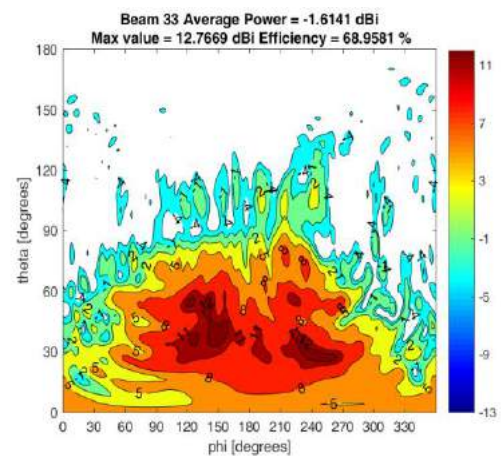
31



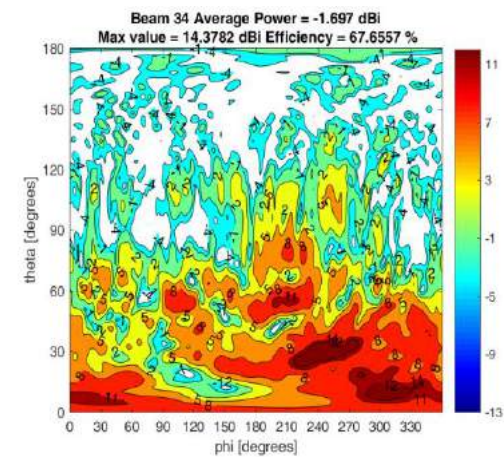
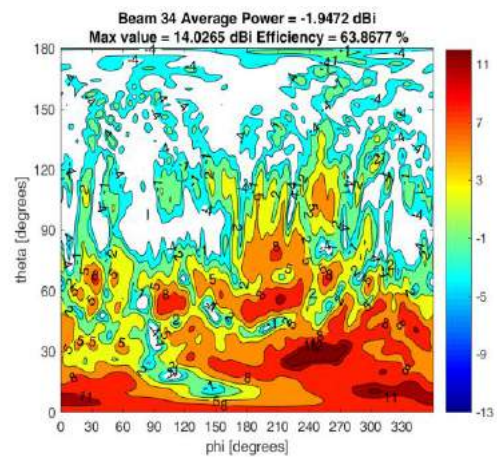
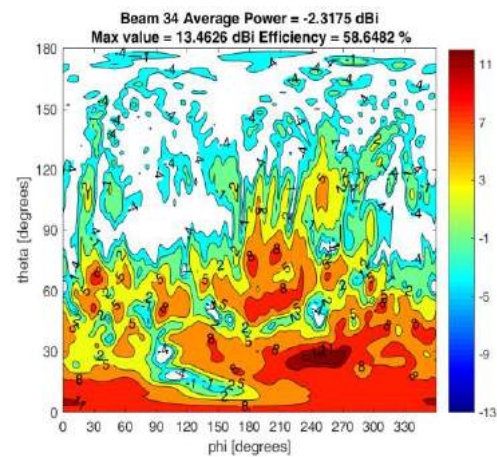
32



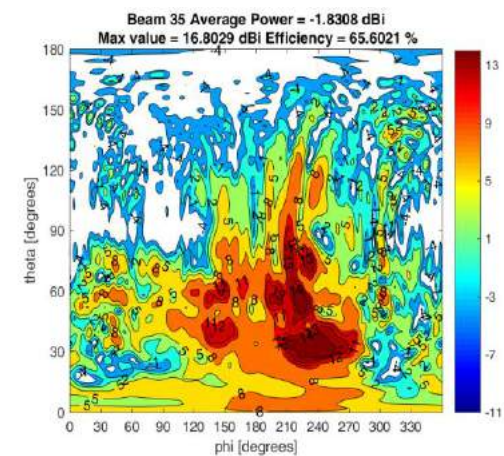
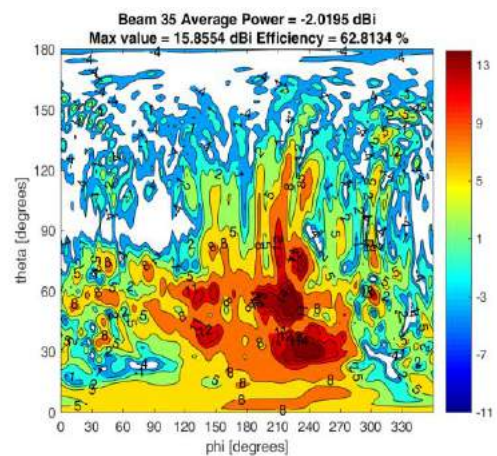
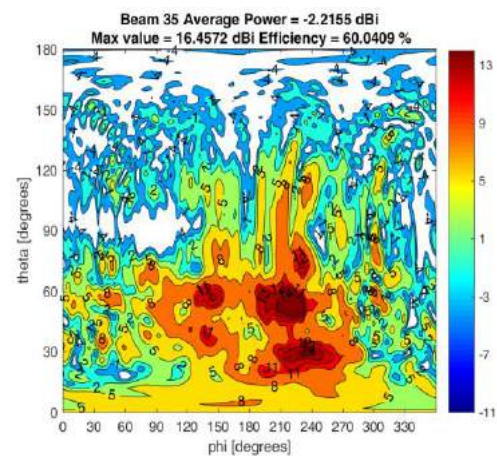
33



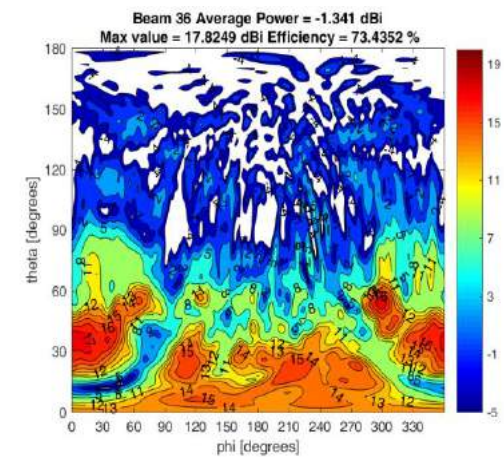
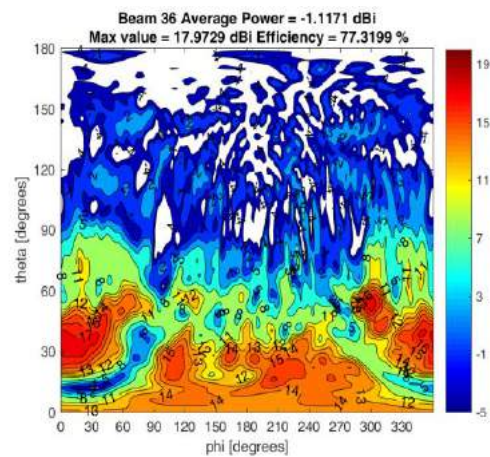
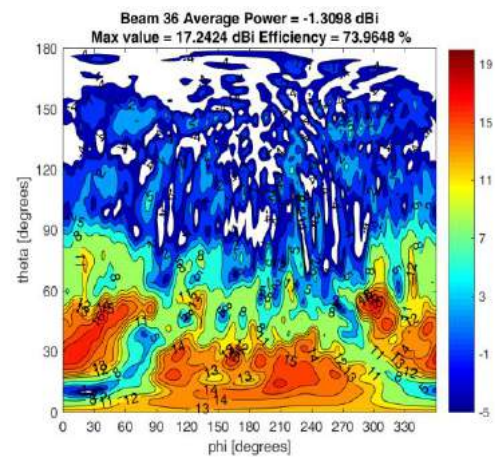
34



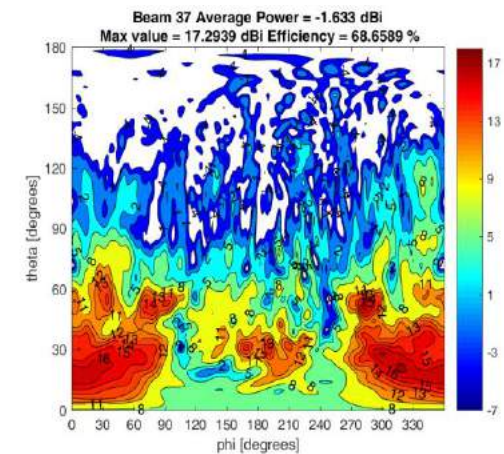
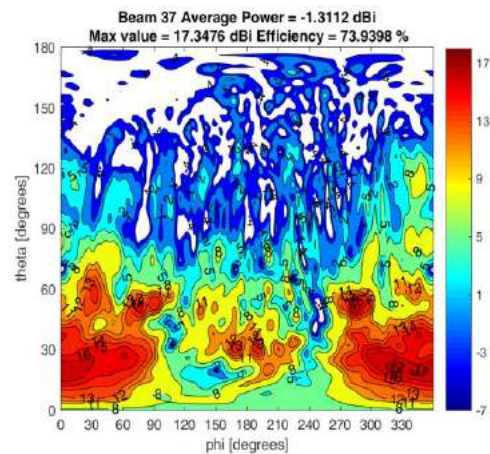
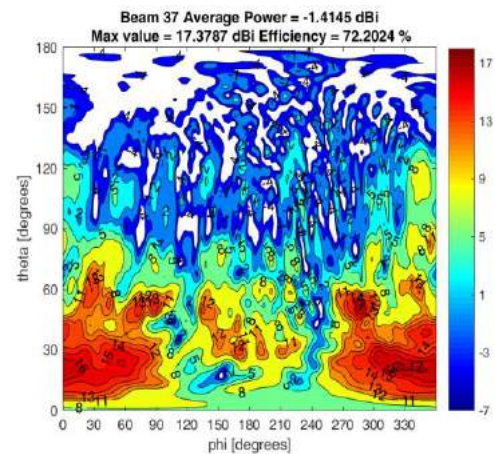
35



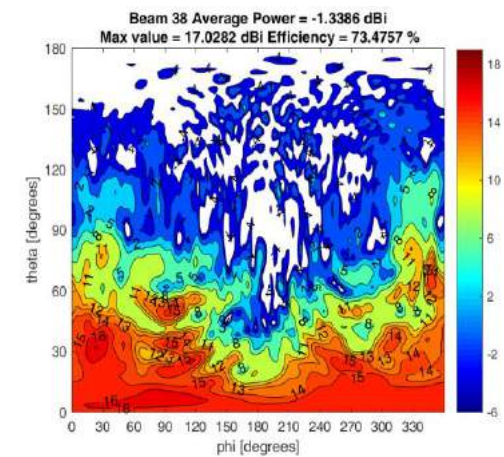
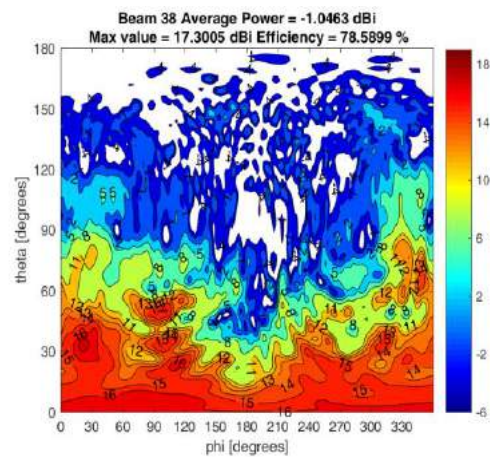
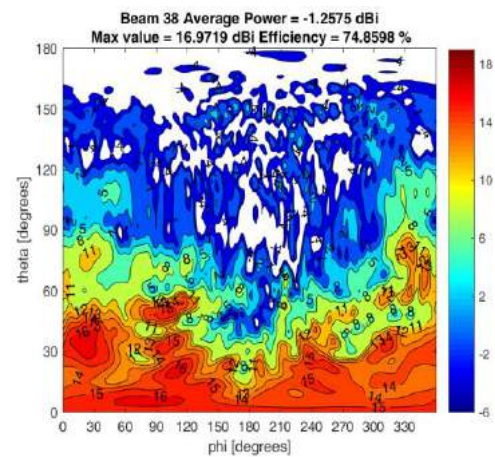
36



37



38



39

