FCC ID: A3LSMF956U

Power Density Simulation Report

Revision A

March 18, 2024

SAMSUNG ELECTRONICS

1. Simulation methodology for Power Density (PD)

1.1 Simulation tool

1.1.1 Tool description

For the simulation approach to calculating power density (PD) evaluation for mobile phone with mmWave antenna modules, ANSYS Electromagnetics suite version 2023.R2 (HFSS) is used. ANSYS HFSS is one of several commercial tools for 3D full-wave electromagnetic simulation used for antenna and RF structure design of high frequency component. ANSYS Electromagnetics suite version 2023.R2 (HFSS) is implemented based on Finite Element Method (FEM), which operates in the frequency domain.

1.1.2 Mesh and Convergence criteria

To solve the PD analysis using FEM, volume area containing simulated objects should be subdivided into electrically small parts that are called finite elements as the unknown functions. To subdivide system, the adaptive mesh technique in ANSYS Electromagnetics suite version 2023.R2 (HFSS) is used. ANSYS Electromagnetics suite version 2023.R2 (HFSS) starts to refine the initial mesh based on wavelength and calculate the error to iterative process for adaptive mesh refinement. The determination parameter of the number of iteration in ANSYS Electromagnetics suite version 2023.R2 (HFSS) is defined as convergence criteria, delta S, and the iterative adaptive mesh process repeats until the delta S is met. In ANSYS Electromagnetics suite version 2023.R2 (HFSS), the accuracy of converged results depends on the delta S. Figure 1 is an example of final adaptive mesh of the device (cross-section of top view).

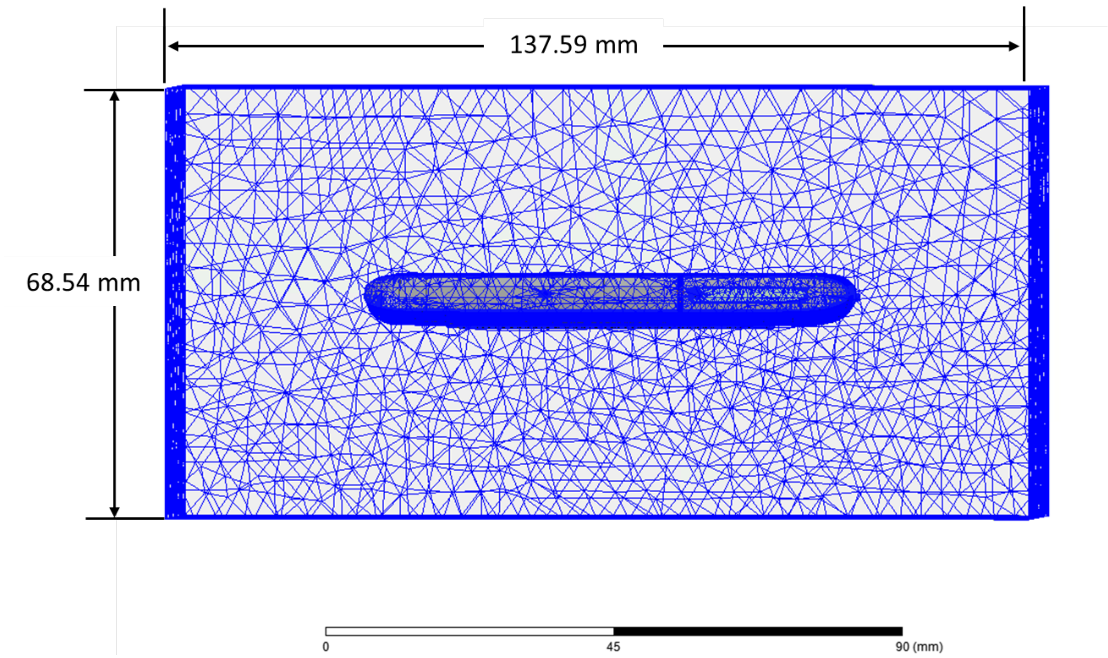


Figure 1 Example of the adaptive mesh technique (Top view)

1.1.3 Power density calculation

After solving 3D full-wave electromagnetic simulation, various kinds of physical quantities can be obtained. To calculate PD evaluation, two physical quantities, an electric field ($\vec{E}$) and a magnetic field ($\vec{H}$) are needed. The actual consumption power can be expressed as the real term of the Poynting vector ($\vec{S}$) from the cross product of $\vec{E}$ and complex conjugation of $\vec{H}$ as shown below:

$$\langle\vec{S}\rangle = \mathrm{Re}\left(\frac{1}{2}\vec{E} \times \vec{H}^*\right)$$

$\langle\vec{S}\rangle$ can be expressed as point power density based on a peak value of each spatial point on mesh grids, and obtained directly from ANSYS Electromagnetics suite version 2020.R1 (HFSS).

From the point power density $\langle\vec{S}\rangle$, the spatial-averaged power density (PD_{av}) on an evaluated area (A) can be derived as shown below:

$$\mathrm{PD}_{av} = \frac{1}{A}\int_A \langle\vec{S}\rangle \cdot ds = \frac{1}{2A_{av}}\iint_{A_{av}} \|Re\{ExH^*\}\|\, dA$$

, where the spatial-averaged power density (PD_{av}) is total power density value considering on x, y and z components of point power density $\langle\vec{S}\rangle$ and the evaluated area (A) is $4\mathrm{cm}^2$.

1.2 Simulation setup

1.2.1 3D modeling

Figure 2 shows the simulation model which is mounted two mmWave antenna modules. The simulation modeling includes most of the entire structure of device itself such as PCB, metal frame, battery, cables, and legacy antennas as well as mmWave antenna modules called as Ant K and Ant M. For a folder open status (Fig. 2-1), Ant M is placed on the right side and antennas are facing the right side, and Ant K is placed on the back side and antennas are facing the back side of the device. For a folder close status (Fig. 2-2), Ant K and Ant M are placed same of the folder open status.

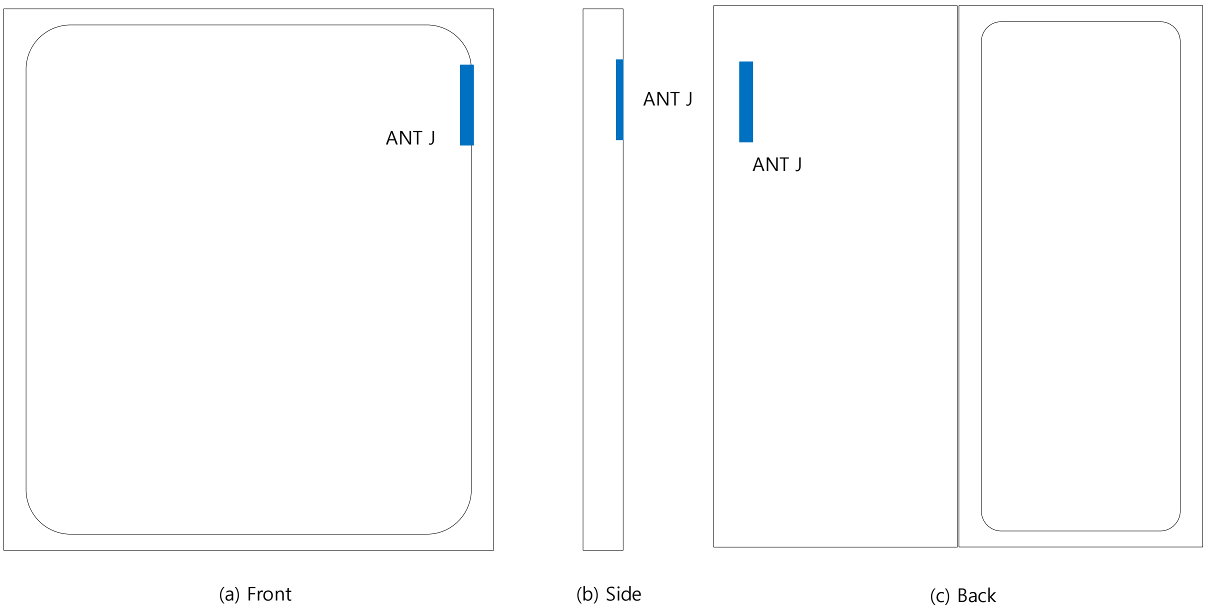


Figure 2-1. Simulation model which is mounted two mmWave antenna modules (Folder Open Status)

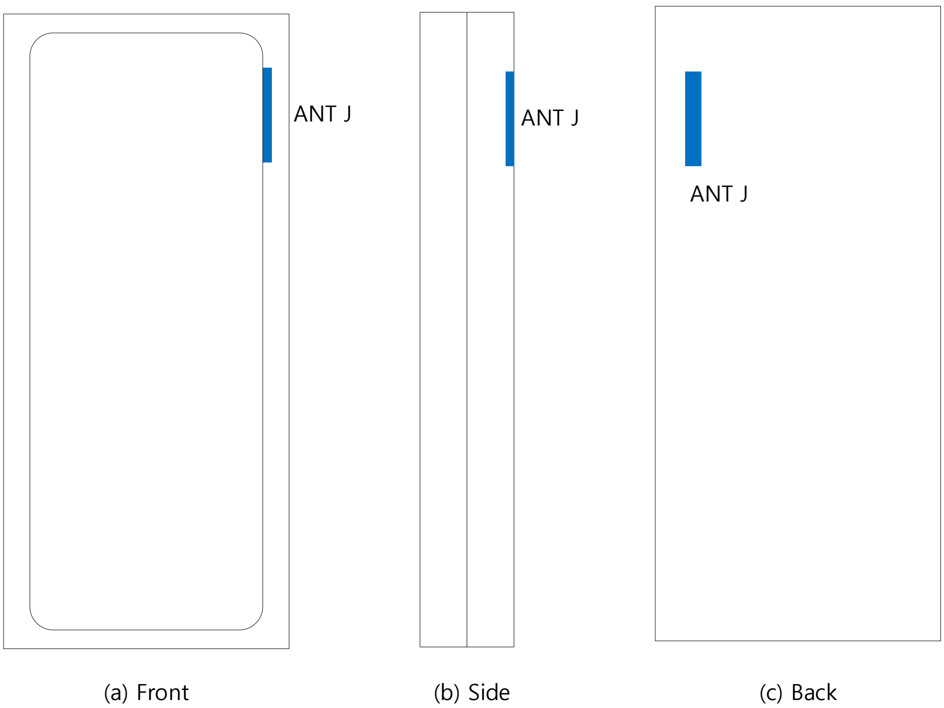


Figure 3-2. Simulation model which is mounted two mmWave antenna modules (Folder Closed Status)

1.2.2 PD evaluation planes

Table 1 shows the PD evaluation planes for each mmWave antenna module and Figure 3 shows the PD evaluation planes and whole area of the simulation model to find worst case of beamforming cases.

Please note that the "right" and "left" edge of mentioned in this report are defined from the perspective of looking at the device from the front side.

Table 1. PD evaluation planes

Module	Front	Back	Left From Front View	Right From Front View	Top	Bottom
	S1	S2	S3	S4	S5	S6
Ant J	O	O	O	O	O	O

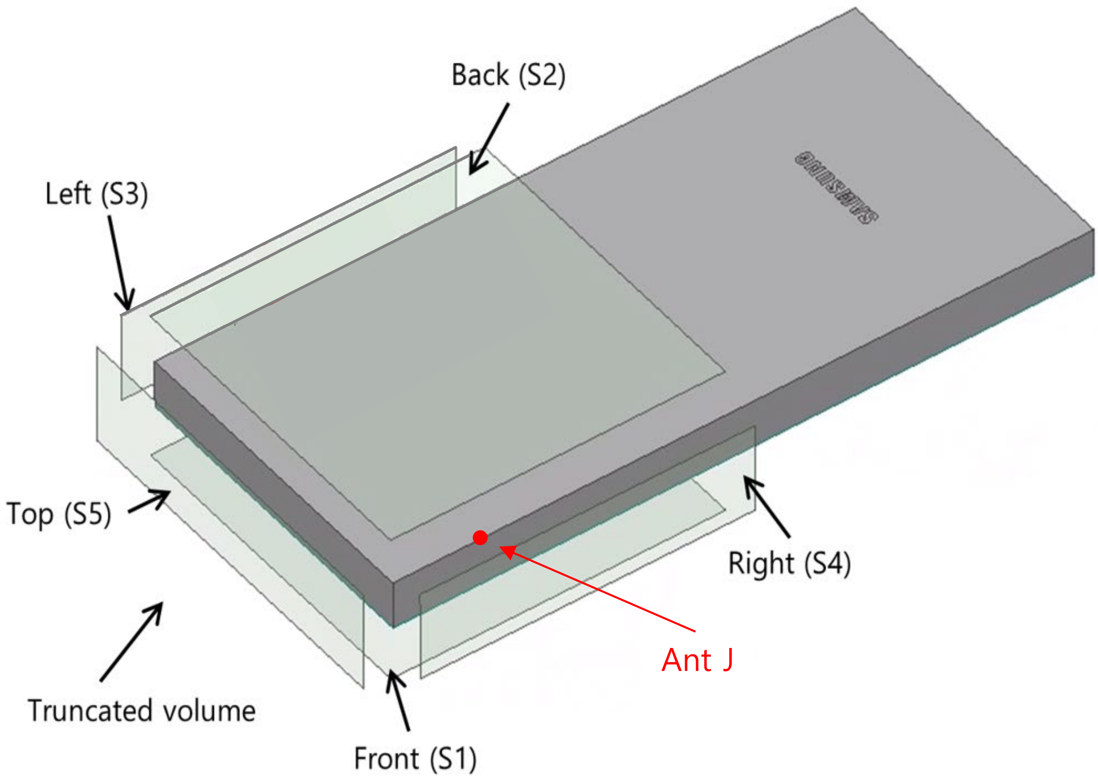


Figure 4. PD evaluation planes

1.2.3 Boundary condition

To simulate electromagnetic tool based on FEM, the boundary condition allows electromagnetic waves to be electrically open at the boundary and radiated far away without reflection. ANSYS Electromagnetics suite version 2023.R2 (HFSS) can support the absorbing boundary condition (ABC) for radiation boundary and make normally a quarter wave length from the radiating structure. In this report, to cover all beamforming cases of mmWave antenna modules, 40 mm spacing from each surfaces of the device were adopted. This distance is sufficiently large enough for “Qualcomm IPLG Script” to extract valid E-fields and H-fields from all adjacent exposure surfaces of the EUT.

1.2.4 Source excitation condition

The number of antenna ports of ANT J for source excitation are the same. The antenna port of ANT J is divided into 10 ports for n261 1 x 5 patch array antennas, 10 ports for n260 1 x 5 patch array antennas. In the 10 ports included in each patch antenna, 5 ports are divided into vertical polarization feeding, and the other 5 ports are divided into horizontal polarization feeding.

Figure 4 shows the ANT J module structure and surrounding structure. The ANT J module is encrypted in the ANSYS Electromagnetics suite (HFSS) and can only check the feeding position.

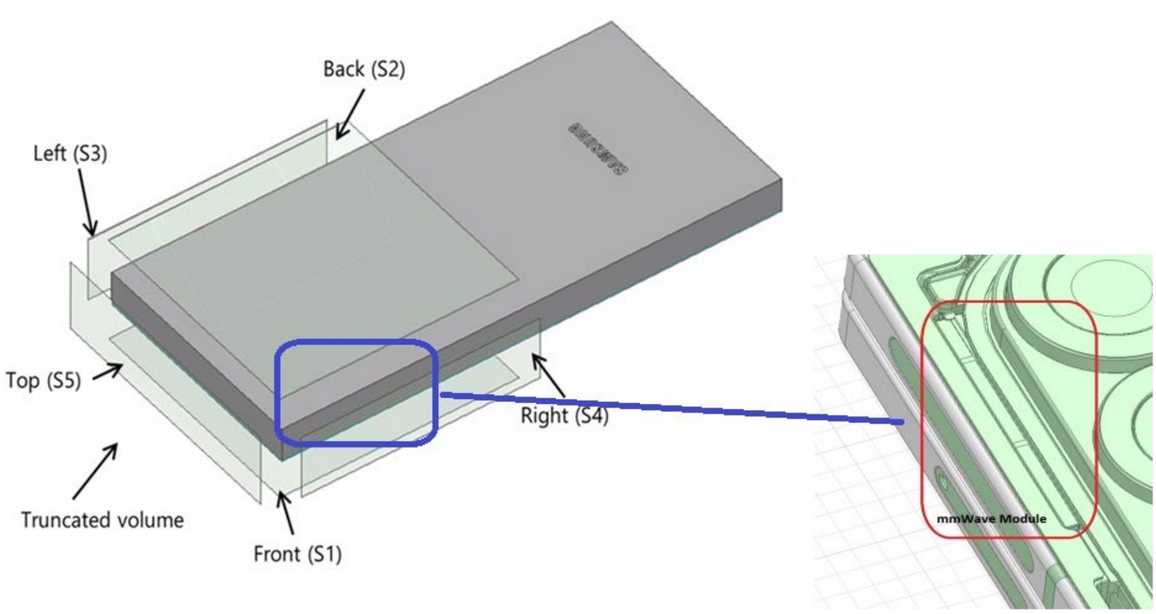


Figure 5. mmWave module (ANT J)

After finishing 3D full wave electromagnetic simulation of modeling structure, the magnitude and phase information can be loaded for each port by using “Edit Sources” function in ANSYS Electromagnetics suite (HFSS). Figure 5 shows an example of antenna port excitations.

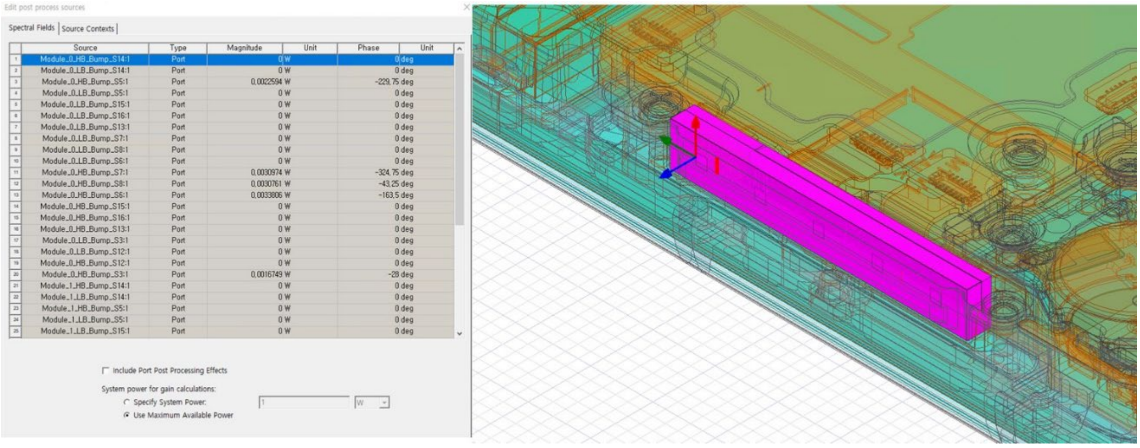


Figure 6. An example of port excitation (ANT J)

Since ANSYS Electromagnetics suite (HFSS) uses FEM solver based on frequency domain analysis method, the input source for the port excitation applies sinusoidal waveform for each frequency.

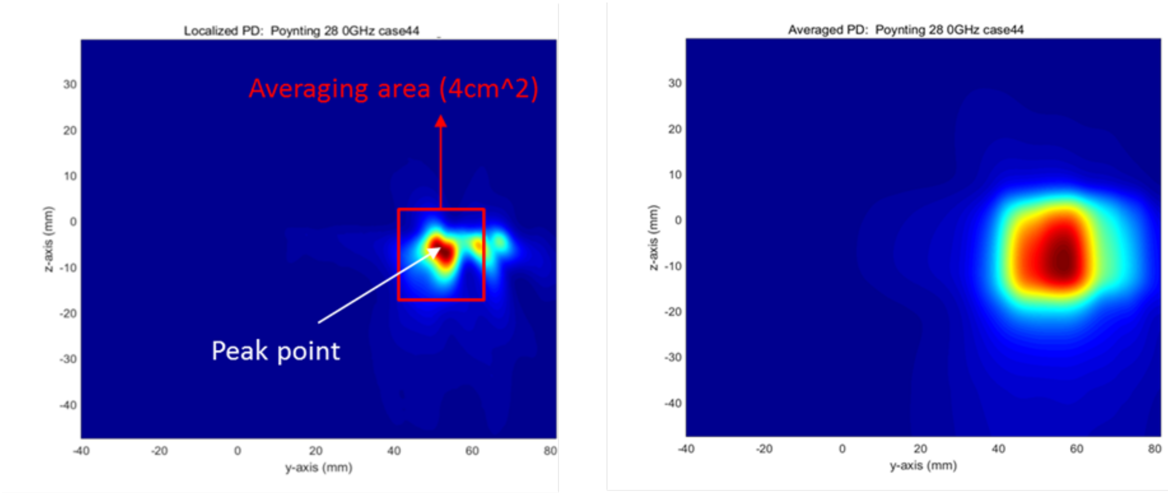
1.2.5 Condition of simulation completion

The simulation completion condition of ANSYS Electromagnetics suite (HFSS) is defined as delta S. The ANSYS Electromagnetics suite (HFSS) calculates the S-parameter for the mesh conditions of each step and determines whether to proceed with the operation of the next step by comparing the difference between the S-parameters in the previous step. A difference between the previous step and the current step of S-parameter is expressed as delta S, and the delta S generally sets 0.02. The simulation result of this report is the result of setting delta S to 0.02.

2. Simulation verification

2.1 Spatial-averaged power density

As mentioned in the previous chapter, the Poynting vector $(\vec{\mathrm{S}})$ can be obtained through cross product of an electric field $(\vec{\mathrm{E}})$ and complex conjugate of a magnetic field $(\vec{\mathrm{H}})$. The real term of the Poynting vector can be described as the point power density or peak power density. Using the point power density, the spatial-averaged power density can be obtained by the integral of $4\ \mathrm{cm}^2$ at 2.5 mm intervals of the point power density result. Figure 6 shows examples of the distribution plot of point power density and the averaged power density.



(a) Point power density (b) Averaged power density

Figure 7. Power density distribution (Example)

For the Smart transmit GEN2, the "Qualcomm IPLG script" were used to extract E-fields and H-fields from the validated simulation and to assess the mutual coupling between all the mmWave antenna modules and all the beams in the codebook to determine the backoff value for each mmWave module. Note the assessment and backoff value derivation are automated with "Qualcomm IPLG script". Once the script is done with assessment, it will provide the sim.power.limit(backoff is already included) for all the beams for all three channels for the specified PD_design_target. This mode take the minimum sim.power.limit out of all three channels (low, mid and high) of each band and use the resulted sim.power.limit..

2.2 Comparison between simulation and measurement

In this section, the simulated-power density distributions and measured-power density distributions are compared to each mmWave antenna. Futhermore, to verify the Smart transmit GEN2, the PD distributions printing out from the "Qualcomm IPLG script" are added.

Based on comparison of power density distributions, simulated power density and measured power density have a good correlation. The discrepancy in amplitude between simulated 4cm^2 averaged power density and measured 4cm^2 averaged power density is considered as housing influence and used in determining input power limit for each beam for RF exposure compliance.

The input powers per each active port are listed below for both Simulation and Measurement validation and power density characterization. For Simulation, these values were entered directly into HFSS model. For measurement, FTM S/W was used to input these values for each active port also.

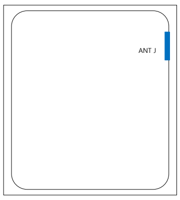
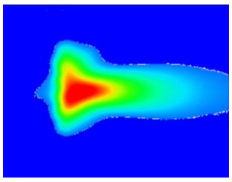
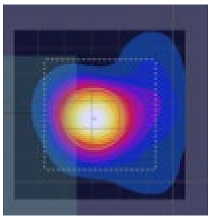
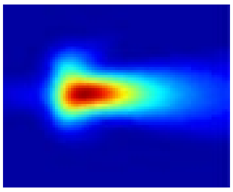
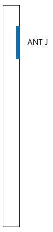
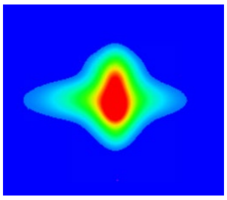
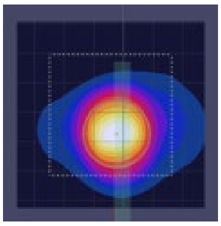
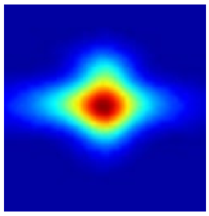
Mode/Band	Antenna	Input Power (dBm) SISO	Input Power (dBm) MIMO
5G NR n261	J Patch	6.0	6.0
5G NR n260	J Patch	6.0	6.0
5G NR n258	J Patch	6.0	6.0

* The below simulation and measurement result were performed at 2mm evaluation distance and 28GHz / 38.5GHz. The *input.power.limit* was determined based on below results in RF Exposure Part 0 Report.

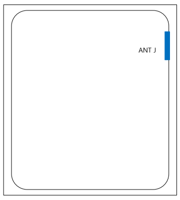
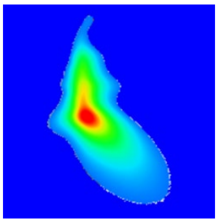
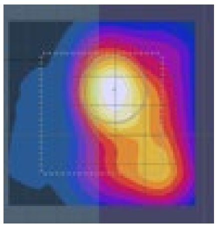
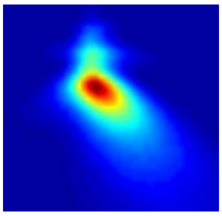
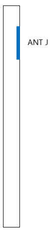
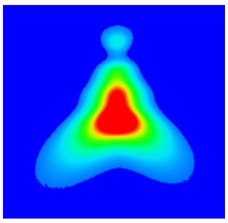
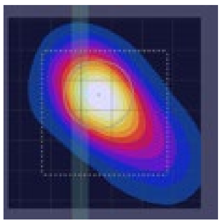
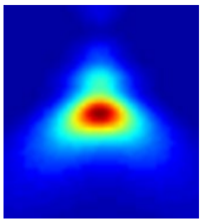
conditon	Band	Channel	Module	Type(P or D)	Side	Beam ID	PLS (10 dBm)	Sim. PD (mW/cm2)	Meas. PD (mW/cm2) * Circle Avg
Folder open	n261	Mid Ch. 2077915 (27924.96 MHz)	J	Patch	Right	14	60	1.77	0.441
						273		2.03	0.695
					Front	14		1.34	0.283
						268		1.60	0.123
	n260	Mid Ch. 2254165 (38499.96 MHz)	J	Patch	Right	18	60	1.79	0.463
						274		1.81	0.778
					Front	18		1.46	0.176
						274		1.31	0.277
	n258	Mid Ch. 2025833 (24800.04 MHz)	J	Patch	Right	19	60	1.55	0.561
						273		1.98	0.516
					Front	19		1.15	0.353
						268		1.46	0.0689
					Back	273		1.01	0.732
conditon	Band	Channel	Module	Type(P or D)	Side	Beam ID	PLS (10 dBm)	Sim. PD (mW/cm2)	Meas. PD (mW/cm2) * Circle Avg
Folder close	n261	Mid Ch. 2077915 (27924.96 MHz)	J	Patch	Right	14	60	1.66	0.398
						271		2.01	0.597
					Back	273		1.80	0.727
	n260	Mid Ch. 2254165 (38499.96 MHz)	J	Patch	Right	18	60	1.84	0.543
						274		1.60	0.67
					Back	20		1.35	0.422
						274		0.83	0.267
					Top	12		1.02	0.334
	n258	Mid Ch. 2025833 (24800.04 MHz)	J	Patch	Right	19	60	1.41	0.641
						270		2.10	0.67
					Back	268		1.82	0.498

[Folder Open Status]

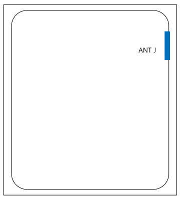
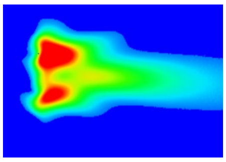
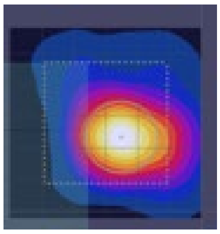
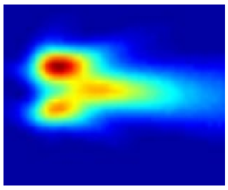
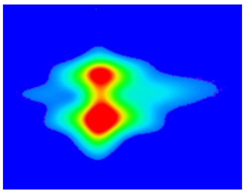
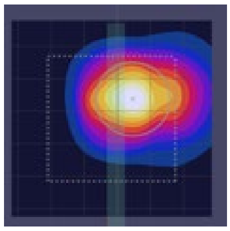
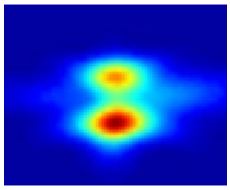
- Table 2-1, n261 ANT J-Patch: Mid Channel, Beam ID 14 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
14	S1 (Front)				
	S4 (Right)				

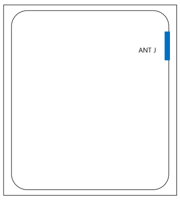
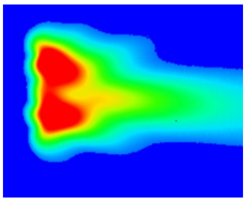
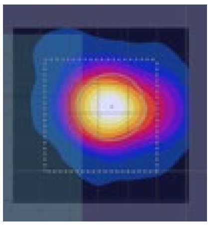
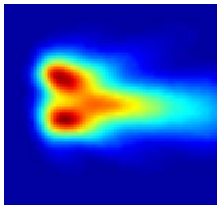
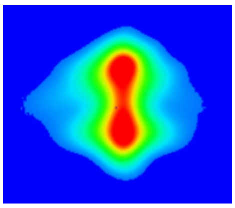
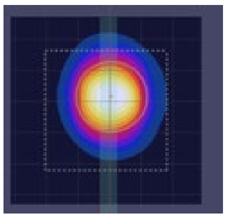
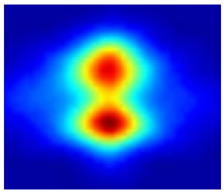
- Table 2-2, n261 ANT J-Patch: Mid Channel, Beam ID 268, 273 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
268	S1 (Front)				
273	S4 (Right)				

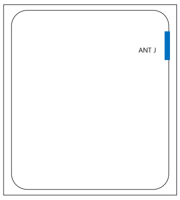
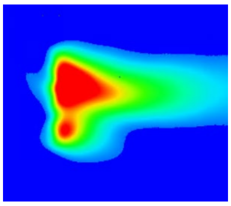
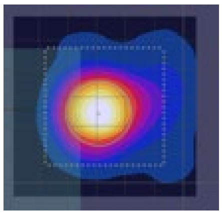
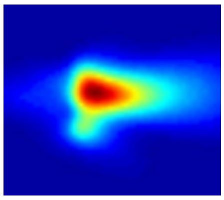
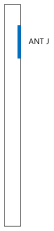
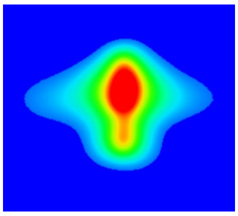
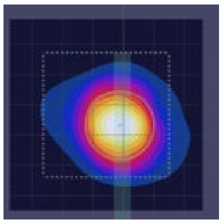
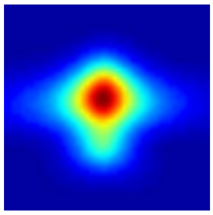
- Table 2-3, n260 ANT J-Patch: Mid Channel, Beam ID 18 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
18	S1 (Front)				
	S4 (Right)				

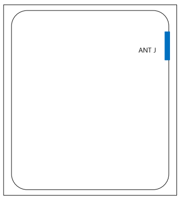
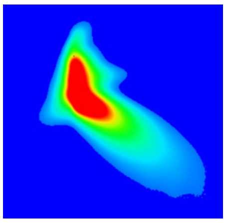
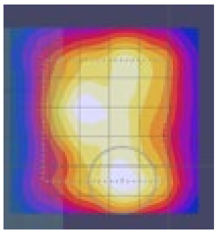
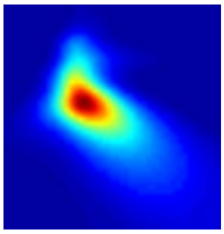
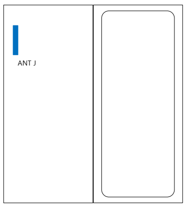
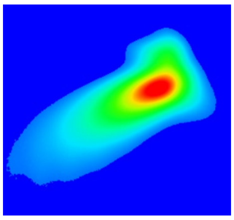
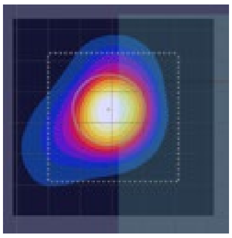
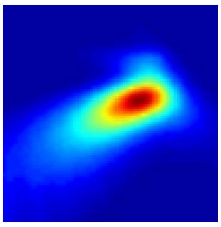
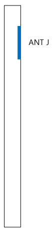
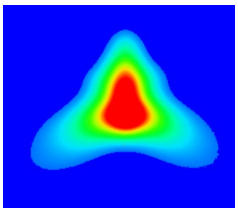
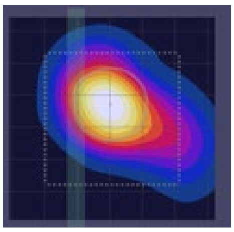
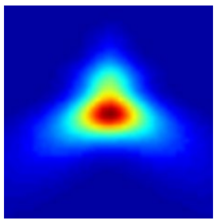
- Table 2-4, n260 ANT J-Patch: Mid Channel, Beam ID 274 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
274	S1 (Front)				
	S4 (Right)				

- Table 2-5, n258 ANT J-Patch: Mid Channel, Beam ID 19 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
19	S1 (Front)				
	S4 (Right)				

- Table 2-6, n258 ANT J-Patch: Mid Channel, Beam ID 268, 273 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
268	S1 (Front)				
273	S2 (Rear)				
	S4 (Right)				

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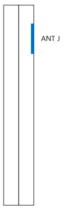
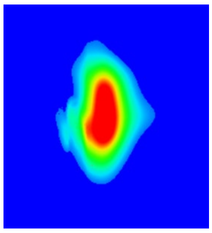
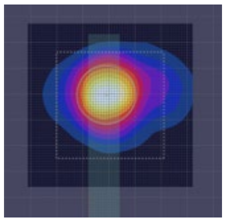
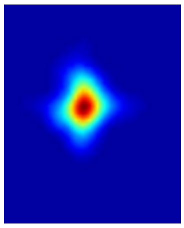
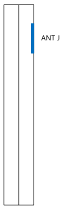
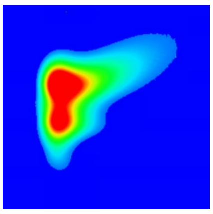
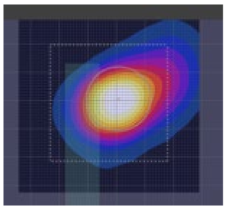
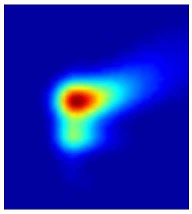
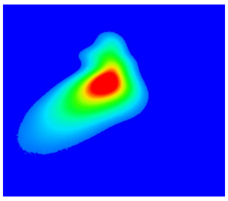
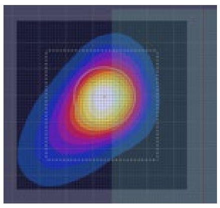
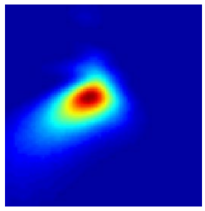
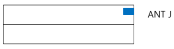
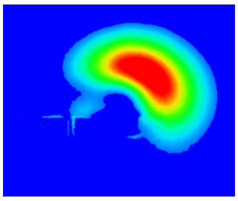
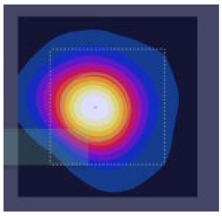
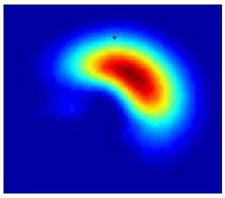
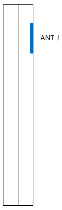
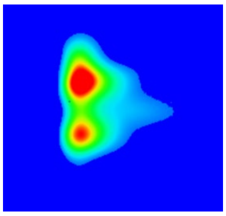
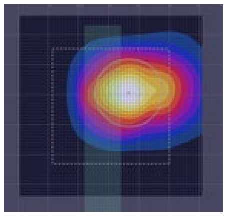
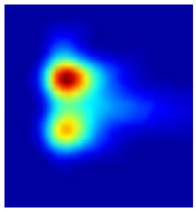
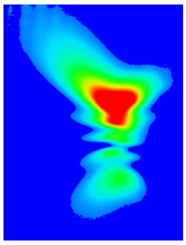
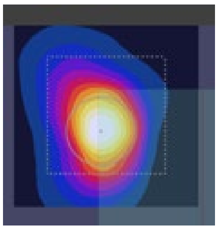
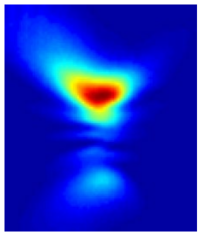
- Table 2-7, n261 ANT J-Patch: Mid Channel, Beam ID 14 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
14	S4 (Right)				

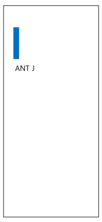
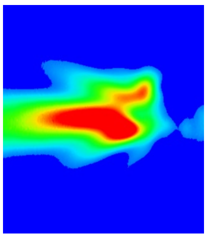
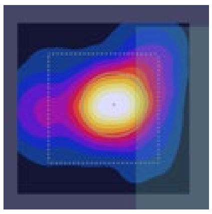
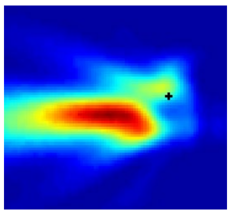
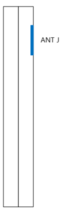
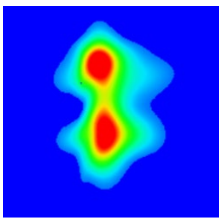
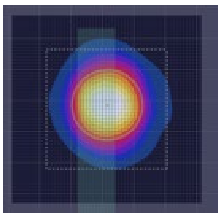
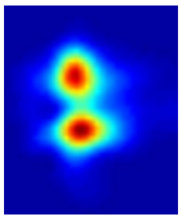
- Table 2-8, n261 ANT J-Patch: Mid Channel, Beam ID 271, 273 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
271	S4 (Right)				
273	S2 (Rear)				

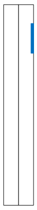
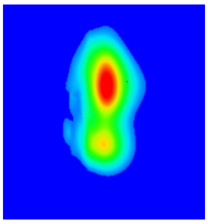
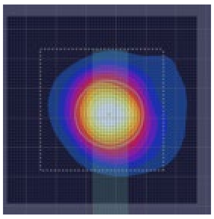
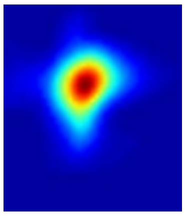
- Table 2-9, n260 ANT J-Patch: Mid Channel, Beam ID 12, 18, 20 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
12	S5 (Top)				
18	S4 (Right)				
20	S2 (Rear)				

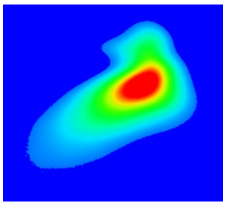
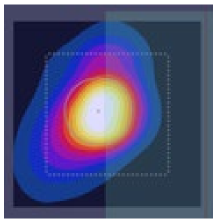
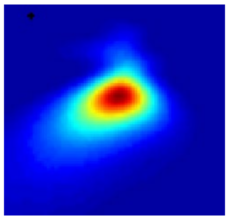
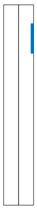
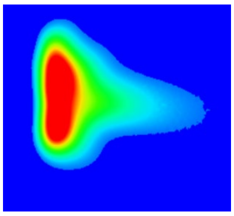
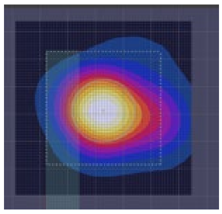
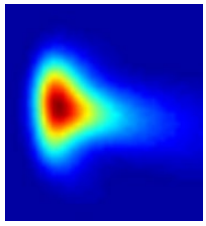
- Table 2-10, n260 ANT J-Patch: Mid Channel, Beam ID 274 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
274	S2 (Rear)				
	S4 (Right)				

- Table 2-11, n258 ANT J-Patch: Mid Channel, Beam ID 19 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
19	S4 (Right)				

- Table 2-12, n258 ANT J-Patch: Mid Channel, Beam ID 268, 270 for selected surfaces

Beam ID	Surface	View	Simulated PD	Measured PD	Print out from Qualcomm IPLG Script
268	S2 (Rear)				
270	S4 (Right)				

The Smart transmit GEN2 cannot be finalized until the additional verifications are performed and passed. Follow the below steps for verifications in the mid channel:

VERIFICATION 1 : Use “Qualcomm IPLG script” to print the PD plots for all the beams selected and evaluated for model validation.

- Throughout ablove comparisons (Table 2-1 to 2-12), the model validation including IPLG script wer verified.

This model take “GEN2_UNIFIED” mode, thus, only verificatgion 1 is required.

3 DSI_PD_ratios for mmW Antenna

This section show the DIS_PD_ratios of Ant J at 28GHz, 39GHz and 24GHz for each evaluation plane specified in Table 1 at two separation distances of 2mm and 10mm. The ratio of PD exposure from 2mm to 10mm evaluation distance for each beam are reported in this section to support RF exposure analysis for simultaneous transmission scenarios poerformed in the Part 1 Near Field PD report.

The worst-case simulated PD determined form the table in this section were used for conservativeness in input.power.limit determination in RF Exposure Part 0 report.

- Table 3-1, DSI_PD_ratios for each plane combination

Band	Ref Plane	Evl Plane	Condition	Ratio	Ref Surf	Eval Surf
n261	2	10	Folder open	0.639	FBLRTb	FBLRTBt
			Folder close	0.708	FBLRTb	FBLRTBt
n260			Folder open	0.634	FBLRTb	FBLRTBt
			Folder close	0.764	FBLRTb	FBLRTBt
n258			Folder open	0.624	FBLRTb	FBLRTBt
			Folder close	0.681	FBLRTb	FBLRTBt

- Table 3-2, PD of Ant J – patch antenna (24GHz – n258)

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- Low CH

													max ratio out of all beams													max ratio out of all beams						
						4cm2 PD(mW/cm2)							100.0%	0.8%	30.2%	1.2%	87.0%	51.8%	4cm2 PD(mW/cm2) at 10mm evaluation distance						61.9%	61.9%	0.8%	17.8%	1.1%	39.0%	28.1%
No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.21	0.00	0.01	0.00	0.16	0.09		100.0%	0.5%	3.9%	0.5%	78.0%	42.0%	0.09	0.00	0.01	0.00	0.05	0.03	43.9%	43.9%	0.5%	2.4%	0.5%	25.4%	15.6%
2			2		1	0.19	0.00	0.01	0.00	0.15	0.07		100.0%	0.5%	4.7%	0.0%	77.9%	38.4%	0.09	0.00	0.01	0.00	0.05	0.03	45.8%	45.8%	0.5%	2.6%	0.0%	25.8%	14.2%
3			4		1	0.19	0.00	0.01	0.00	0.14	0.08		100.0%	0.5%	6.8%	0.0%	72.9%	41.1%	0.09	0.00	0.01	0.00	0.05	0.03	45.3%	45.3%	0.0%	3.6%	0.0%	24.0%	15.6%
4			6		1	0.19	0.00	0.02	0.00	0.14	0.08		100.0%	0.5%	12.1%	0.0%	75.3%	40.5%	0.09	0.00	0.01	0.00	0.05	0.03	45.3%	45.3%	0.0%	6.3%	0.0%	25.8%	14.7%
5			8		1	0.19	0.00	0.03	0.00	0.14	0.09		100.0%	0.5%	17.5%	0.0%	70.1%	47.4%	0.09	0.00	0.02	0.00	0.05	0.04	45.9%	45.9%	0.5%	7.7%	0.0%	23.2%	18.0%
6			10		2	0.27	0.00	0.03	0.00	0.22	0.12		100.0%	0.4%	9.1%	0.7%	81.8%	43.4%	0.14	0.00	0.01	0.00	0.09	0.05	50.7%	50.7%	0.4%	5.1%	0.7%	32.5%	17.2%
7			11		2	0.56	0.00	0.01	0.00	0.42	0.24		100.0%	0.4%	2.0%	0.2%	74.5%	42.5%	0.29	0.00	0.01	0.00	0.17	0.10	52.3%	52.3%	0.4%	0.9%	0.2%	29.6%	17.5%
8			12		2	0.58	0.00	0.02	0.00	0.43	0.25		100.0%	0.3%	2.9%	0.0%	74.1%	42.5%	0.31	0.00	0.01	0.00	0.17	0.10	52.7%	52.7%	0.3%	1.4%	0.0%	29.5%	17.6%
9			13		2	0.57	0.00	0.02	0.00	0.43	0.25		100.0%	0.3%	4.0%	0.0%	74.4%	42.9%	0.30	0.00	0.01	0.00	0.17	0.10	52.6%	52.6%	0.3%	2.1%	0.0%	29.4%	17.8%
10			18		2	0.50	0.00	0.00	0.00	0.37	0.21		100.0%	0.4%	0.8%	0.2%	75.4%	42.5%	0.25	0.00	0.00	0.00	0.15	0.09	51.2%	51.2%	0.4%	0.4%	0.2%	29.6%	17.5%
11			19		2	0.56	0.00	0.01	0.00	0.42	0.24		100.0%	0.4%	2.0%	0.2%	74.5%	42.5%	0.29	0.00	0.01	0.00	0.17	0.10	52.3%	52.3%	0.4%	0.9%	0.2%	29.6%	17.5%
12			20		2	0.44	0.00	0.06	0.00	0.32	0.21		100.0%	0.5%	14.6%	0.0%	71.8%	47.6%	0.23	0.00	0.03	0.00	0.12	0.09	51.3%	51.3%	0.5%	7.7%	0.0%	28.0%	19.4%
13			24		5	0.81	0.01	0.03	0.01	0.65	0.36		100.0%	0.7%	3.8%	0.6%	80.5%	44.7%	0.43	0.01	0.02	0.00	0.29	0.18	52.8%	52.8%	0.7%	2.0%	0.5%	35.9%	21.7%
14			25		5	1.20	0.01	0.02	0.00	0.91	0.52		100.0%	0.8%	1.4%	0.3%	75.5%	43.6%	0.65	0.01	0.01	0.00	0.40	0.27	54.2%	54.2%	0.7%	0.7%	0.2%	33.2%	22.2%
15			26		5	1.27	0.01	0.05	0.00	0.96	0.62		100.0%	0.7%	4.2%	0.1%	75.1%	48.4%	0.79	0.01	0.03	0.00	0.46	0.33	61.9%	61.9%	0.7%	2.0%	0.1%	36.1%	25.8%
16			27		5	1.24	0.01	0.12	0.00	0.88	0.59		100.0%	0.6%	9.6%	0.1%	71.1%	47.3%	0.70	0.01	0.05	0.00	0.39	0.31	56.2%	56.2%	0.6%	3.8%	0.1%	31.1%	24.6%
17			28		5	1.11	0.01	0.26	0.00	0.76	0.57		100.0%	0.5%	23.3%	0.1%	68.8%	51.8%	0.64	0.01	0.14	0.00	0.35	0.30	57.5%	57.5%	0.5%	12.3%	0.1%	31.4%	27.2%
18			34		5	0.99	0.01	0.03	0.01	0.77	0.43		100.0%	0.7%	3.1%	0.5%	77.6%	43.4%	0.53	0.01	0.02	0.00	0.34	0.22	53.6%	53.6%	0.7%	1.6%	0.4%	34.5%	21.8%
19			35		5	1.32	0.01	0.04	0.00	0.98	0.59		100.0%	0.8%	3.3%	0.1%	74.1%	44.5%	0.75	0.01	0.02	0.00	0.44	0.30	56.3%	56.3%	0.8%	1.4%	0.1%	33.3%	22.9%
20			36		5	1.38	0.01	0.02	0.00	1.03	0.68		100.0%	0.7%	1.5%	0.1%	74.4%	48.9%	0.85	0.01	0.01	0.00	0.49	0.36	61.6%	61.6%	0.6%	0.7%	0.1%	35.3%	25.9%
21			37		5	1.19	0.01	0.21	0.00	0.83	0.59		100.0%	0.8%	17.2%	0.1%	69.4%	49.5%	0.67	0.01	0.09	0.00	0.37	0.31	56.4%	56.4%	0.7%	7.7%	0.1%	31.1%	26.3%
22			256		1	0.32	0.00	0.02	0.00	0.23	0.13		100.0%	0.0%	4.7%	0.6%	71.6%	41.3%	0.14	0.00	0.01	0.00	0.07	0.05	43.8%	43.8%	0.0%	2.8%	0.3%	23.3%	15.5%
23			258		1	0.31	0.00	0.02	0.00	0.21	0.13		100.0%	0.0%	5.8%	0.6%	68.0%	41.1%	0.12	0.00	0.01	0.00	0.06	0.04	39.8%	39.8%	0.0%	3.9%	0.3%	19.1%	14.2%
24			260		1	0.29	0.00	0.03	0.00	0.20	0.12		100.0%	0.0%	9.1%	0.3%	68.9%	41.3%	0.12	0.00	0.02	0.00	0.06	0.05	42.7%	42.7%	0.0%	5.2%	0.3%	20.6%	15.7%
25			262		1	0.29	0.00	0.04	0.00	0.20	0.12		100.0%	0.4%	13.3%	0.4%	70.2%	41.8%	0.12	0.00	0.02	0.00	0.06	0.04	41.4%	41.4%	0.0%	7.4%	0.4%	21.1%	14.4%
26			264		1	0.28	0.00	0.05	0.00	0.19	0.12		100.0%	0.0%	17.9%	0.4%	69.2%	42.7%	0.12	0.00	0.03	0.00	0.06	0.04	42.3%	42.3%	0.0%	9.0%	0.4%	20.8%	15.4%
27			266		2	0.59	0.00	0.02	0.01	0.44	0.28		100.0%	0.2%	3.7%	0.8%	73.8%	46.8%	0.27	0.00	0.01	0.00	0.15	0.11	45.4%	45.4%	0.2%	2.4%	0.7%	25.5%	18.9%
28			267		2	0.80	0.00	0.00	0.00	0.56	0.37		100.0%	0.1%	0.5%	0.4%	70.0%	46.5%	0.40	0.00	0.00	0.00	0.22	0.16	49.5%	49.5%	0.1%	0.4%	0.4%	27.6%	19.9%
29			268		2	0.74	0.00	0.04	0.00	0.52	0.33		100.0%	0.1%	5.0%	0.0%	69.4%	45.0%	0.38	0.00	0.02	0.00	0.19	0.14	51.3%	51.3%	0.1%	3.1%	0.0%	26.0%	19.0%
30			269		2	0.58	0.00	0.05	0.00	0.44	0.27		100.0%	0.2%	9.2%	0.3%	76.0%	45.9%	0.29	0.00	0.04	0.00	0.16	0.11	50.4%	50.4%	0.0%	6.4%	0.3%	26.9%	18.8%
31			274		2	0.78	0.00	0.01	0.00	0.56	0.37		100.0%	0.1%	0.9%	0.5%	70.9%	46.7%	0.39	0.00	0.01	0.00	0.22	0.16	49.3%	49.3%	0.1%	0.6%	0.4%	28.0%	20.1%
32	J	Patch	275		2	0.81	0.00	0.02	0.00	0.55	0.37		100.0%	0.1%	2.5%	0.1%	67.7%	45.2%	0.41	0.00	0.01	0.00	0.21	0.16	50.7%	50.7%	0.1%	1.4%	0.1%	26.1%	19.2%
33			276		2	0.74	0.00	0.11	0.00	0.50	0.34		100.0%	0.0%	15.0%	0.0%	68.6%	46.3%	0.37	0.00	0.05	0.00	0.20	0.15	50.6%	50.6%	0.0%	7.3%	0.0%	26.7%	19.7%
34			280		5	1.87	0.00	0.02	0.02	1.45	0.96		100.0%	0.1%	1.3%	1.2%	77.2%	51.3%	0.96	0.00	0.01	0.02	0.65	0.46	51.0%	51.0%	0.1%	0.7%	1.1%	34.7%	24.8%
35			281		5	1.94	0.00	0.02	0.00	1.36	1.00		100.0%	0.1%	1.2%	0.1%	69.9%	51.3%	1.13	0.00	0.01	0.00	0.63	0.53	58.0%	58.0%	0.1%	0.7%	0.1%	32.4%	27.0%
36			282		5	1.87	0.00	0.02	0.00	1.32	0.97		100.0%	0.1%	1.1%	0.1%	70.5%	51.6%	1.13	0.00	0.01	0.00	0.63	0.53	60.5%	60.5%	0.1%	0.5%	0.1%	33.4%	28.0%
37			283		5	1.86	0.00	0.14	0.00	1.30	0.93		100.0%	0.1%	7.3%	0.1%	69.8%	50.1%	1.12	0.00	0.05	0.00	0.60	0.50	60.1%	60.1%	0.1%	2.8%	0.1%	32.3%	27.0%
38			284		5	1.66	0.00	0.50	0.00	1.27	0.81		100.0%	0.1%	30.2%	0.1%	76.3%	48.7%	0.90	0.00	0.30	0.00	0.56	0.40	54.3%	54.3%	0.1%	17.8%	0.1%	33.3%	23.9%
39			290		5	1.98	0.00	0.02	0.00	1.42	1.01		100.0%	0.2%	0.8%	0.1%	71.8%	51.0%	1.07	0.00	0.01	0.00	0.64	0.52	54.0%	54.0%	0.1%	0.5%	0.1%	32.3%	26.0%
40			291		5	1.89	0.00	0.03	0.00	1.33	0.98		100.0%	0.1%	1.3%	0.2%	70.4%	51.6%	1.13	0.00	0.01	0.00	0.62	0.52	59.7%	59.7%	0.1%	0.7%	0.1%	32.7%	27.4%
41			292		5	1.88	0.00	0.02	0.00	1.32	0.97		100.0%	0.1%	1.2%	0.1%	70.1%	51.3%	1.14	0.00	0.01	0.00	0.62	0.53	60.7%	60.7%	0.1%	0.7%	0.1%	33.0%	28.1%
42			293		5	1.81	0.00	0.34	0.00	1.27	0.87		100.0%	0.1%	18.6%	0.1%	70.3%	48.0%	1.04	0.00	0.16	0.00	0.59	0.46	57.6%	57.6%	0.1%	9.0%	0.1%	32.3%	25.2%
43			0	256	2	0.61	0.00	0.03	0.00	0.48	0.26		100.0%	0.3%	4.8%	0.7%	79.9%	42.1%	0.26	0.00	0.02	0.00	0.16	0.10	42.2%	42.2%	0.2%	3.3%	0.7%	25.6%	16.0%
44			2	258	2	0.59	0.00	0.04	0.00	0.46	0.21		100.0%	0.2%	7.3%	0.7%	78.6%	36.4%	0.25	0.00	0.03	0.00	0.14	0.08	41.8%	41.8%	0.2%	4.8%	0.5%	24.1%	13.6%
45			4	260	2	0.56	0.00	0.06	0.00	0.43	0.21		100.0%	0.2%	11.0%	0.5%	77.3%	38.5%	0.24	0.00	0.04	0.00	0.14	0.08	43.0%	43.0%	0.2%	6.5%	0.5%	24.6%	15.1%
46			6	262	2	0.56	0.00	0.10	0.00	0.46	0.22		100.0%	0.2%	17.9%	0.4%	81.4%	38.9%	0.23	0.00	0.05	0.00	0.15	0.08	41.4%	41.4%	0.2%	9.6%	0.4%	26.4%	13.9%
47			8	264	2	0.55	0.00	0.13	0.00	0.41	0.25		100.0%	0.2%	23.3%	0.4%	74.0%	45.2%	0.24	0.00	0.06	0.00	0.13	0.10	43.6%	43.6%	0.2%	11.2%	0.4%	23.1%	17.7%
48			10	266	4	1.05	0.00	0.08	0.01	0.91	0.52		100.0%	0.3%	7.8%	1.0%	86.8%	50.0%	0.46	0.00	0.05	0.01	0.34	0.21	43.9%	43.9%	0.3%	4.6%	0.9%	32.6%	20.0%
49			11	267	4	1.53	0.00	0.02	0.01	1.27	0.66		100.0%	0.1%	1.0%	0.4%	79.8%	43.3%	0.75	0.00	0.01	0.01	0.48	0.28	49.4%	49.4%	0.1%	0.6%	0.4%	31.5%	18.4%
50			12	268	4	1.54	0.00	0.07	0.00	1.22	0.61		100.0%	0.2%	4.4%	0.1%	79.3%	39.4%	0.78	0.00	0.04	0.00	0.46	0.26	50.6%	50.6%	0.1%	2.7%	0.1%	30.1%	16.9%
51			13	269	4	1.38	0.00	0.10	0.00	1.14	0.52		100.0%	0.2%	7.0%	0.2%	83.0%	38.1%	0.67	0.00	0.07	0.00	0.41	0.21	48.9%	48.9%	0.1%	4.7%	0.2%	29.6%	15.6%
52			18	274	4	1.48	0.00	0.01	0.01	1.20	0.66		100.0%	0.1%	0.9%	0.6%	81.0%	44.8%	0.71	0.00	0.01	0.01	0.47	0.28	47.8%	47.8%	0.1%	0.7%	0.5%	31.7%	19.1%
53			19	275	4	1.56	0.00	0.04	0.00	1.22	0.66		100.0%	0.1%	2.4%	0.2%	78.3%	42.5%	0.79	0.00	0.02	0.00	0.48	0.28	50.9%	50.9%	0.1%	1.3%	0.1%	30.9%	18.3%
54			20	276	4	1.38	0.00	0.26	0.00	1.08	0.60		100.0%	0.1%	18.7%	0.1%	78.2%	43.5%	0.69	0.00	0.13	0.00	0.42	0.24	49.5%	49.5%	0.1%	9.6%	0.1%	30.1%	17.2%
55			24	280	10	3.45	0.01	0.05	0.04	3.00	1.73		100.0%	0.3%	1.6%	1.1%	87.0%	50.0%	1.70	0.01	0.03	0.04	1.32	0.85	49.3%	49.3%	0.3%	0.8%	1.1%	38.2%	24.7%
56			25	281	10	3.57	0.01	0.06	0.01	2.95	1.73		100.0%	0.3%	1.7%	0.1%	82.5%	48.3%	2.00	0.01	0.03	0.01	1.37	0.92	56.1%	56.1%	0.3%	0.9%	0.1%	38.3%	25.7%
57			26	282	10	3.51	0.01	0.11	0.00	2.79	1.74		100.0%	0.3%	3.0%	0.1%	79.6%	49.7%	2.16	0.01	0.05	0.01	1.36	0.95	61.5%	61.5%	0.3%	1.4%	0.1%	38.7%	27.1%
58			27	283	10	3.60	0.01	0.31	0.00	2.78	1.65		100.0%	0.3%	8.5%	0.1%	77.1%	45.9%	2.12	0.01	0.12	0.00	1.29	0.90	58.9%	58.9%	0.3%	3.4%	0.1%	34.6%	24.8%
59			28	284	10	3.53	0.01	0.98	0.00	2.94	1.60		100.0%	0.3%	27.6%	0.1%	83.3%	45.2%	1.95	0.01	0.57	0.00	1.28	0.80	55.3%	55.3%	0.2%	16.0%	0.1%	36.2%	22.6%
60			34	290	10	3.55	0.01	0.06	0.02	3.01	1.73		100.0%	0.3%	1.8%	0.5%	84.8%	48.6%	1.87	0.01	0.03	0.02	1.29	0.91	52.6%	52.6%	0.3%	1.0%	0.4%	39.0%	25.5%
61			35	291	10	3.59	0.01	0.06	0.00	2.88	1.72		100.0%	0.3%	1.7%	0.1%	80.2%	47.9%	2.10	0.01	0.03	0.00	1.35	0.91	58.6%	58.6%	0.3%	0.9%	0.1%	37.7%	25.4%
62			36	292	10	3.70	0.01	0.06	0.00	2.91	1.82		100.0%	0.3%	1.5%	0.1%	78.6%	49.1%	2.29	0.01	0.03	0.00	1.38	0.99	61.8%	61.8%	0.3%	0.8%	0.1%	37.4%	26.8%
63			37	293	10	3.68	0.01	0.68	0.00	2.93	1.60		100.0%	0.3%	18.4%	0.1%	78.5%	43.4%	2.10	0.01	0.33	0.00	1.29	0.85	57.1%	57.1%	0.3%	9.0%	0.1%	34.9%	23.1%

- Mid CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
													max ratio out of all beams												max ratio out of all beams						
													100.0%	0.8%	29.7%	1.2%	84.8%	52.0%							62.4%	62.4%	0.7%	17.6%	1.1%	38.9%	28.4%
1			0		1	0.24	0.00	0.01	0.00	0.18	0.10		100.0%	0.4%	4.2%	0.4%	74.9%	41.4%	0.11	0.00	0.01	0.00	0.06	0.04	45.2%	45.2%	0.4%	2.5%	0.4%	24.3%	15.5%
2			2		1	0.22	0.00	0.01	0.00	0.17	0.08		100.0%	0.5%	4.5%	0.5%	75.6%	38.0%	0.10	0.00	0.01	0.00	0.05	0.03	45.7%	45.7%	0.5%	2.7%	0.5%	24.4%	13.6%
3			4		1	0.23	0.00	0.02	0.00	0.16	0.09		100.0%	0.4%	6.7%	0.4%	71.1%	40.0%	0.10	0.00	0.01	0.00	0.05	0.03	45.3%	45.3%	0.4%	3.6%	0.4%	22.7%	15.1%
4			6		1	0.22	0.00	0.03	0.00	0.16	0.09		100.0%	0.5%	11.5%	0.5%	73.4%	39.9%	0.10	0.00	0.01	0.00	0.05	0.03	45.9%	45.9%	0.5%	6.0%	0.0%	24.8%	14.2%
5			8		1	0.23	0.00	0.04	0.00	0.15	0.10		100.0%	0.4%	15.9%	0.0%	67.4%	45.4%	0.11	0.00	0.02	0.00	0.05	0.04	46.7%	46.7%	0.4%	7.0%	0.0%	22.0%	17.6%
6			10		2	0.33	0.00	0.03	0.00	0.26	0.15		100.0%	0.3%	7.8%	0.6%	78.4%	44.4%	0.17	0.00	0.02	0.00	0.10	0.06	51.1%	51.1%	0.3%	4.5%	0.6%	30.6%	17.4%
7			11		2	0.65	0.00	0.01	0.00	0.47	0.28		100.0%	0.3%	1.7%	0.2%	72.9%	43.2%	0.34	0.00	0.01	0.00	0.19	0.12	53.3%	53.3%	0.3%	0.8%	0.2%	28.6%	17.8%
8			12		2	0.66	0.00	0.02	0.00	0.48	0.29		100.0%	0.3%	2.7%	0.2%	72.9%	43.1%	0.36	0.00	0.01	0.00	0.19	0.12	53.5%	53.5%	0.3%	1.4%	0.0%	28.7%	17.8%
9			13		2	0.66	0.00	0.03	0.00	0.48	0.28		100.0%	0.3%	4.0%	0.0%	73.1%	43.1%	0.35	0.00	0.01	0.00	0.19	0.12	53.6%	53.6%	0.3%	2.0%	0.0%	28.5%	17.9%
10			18		2	0.58	0.00	0.00	0.00	0.43	0.25		100.0%	0.3%	0.7%	0.2%	73.3%	43.4%	0.30	0.00	0.00	0.00	0.17	0.10	52.1%	52.1%	0.3%	0.3%	0.2%	28.4%	17.9%
11			19		2	0.65	0.00	0.01	0.00	0.47	0.28		100.0%	0.3%	1.7%	0.2%	72.9%	43.2%	0.34	0.00	0.01	0.00	0.19	0.12	53.3%	53.3%	0.3%	0.8%	0.2%	28.6%	17.8%
12			20		2	0.50	0.00	0.07	0.00	0.35	0.23		100.0%	0.4%	14.4%	0.0%	70.7%	46.3%	0.26	0.00	0.04	0.00	0.14	0.10	52.1%	52.1%	0.4%	7.6%	0.0%	27.5%	19.0%
13			24		5	1.01	0.01	0.04	0.01	0.77	0.47		100.0%	0.7%	3.8%	0.6%	76.1%	46.3%	0.54	0.01	0.02	0.01	0.34	0.23	53.6%	53.6%	0.7%	2.0%	0.5%	33.5%	22.9%
14			25		5	1.43	0.01	0.02	0.00	1.05	0.63		100.0%	0.8%	1.3%	0.3%	73.2%	44.2%	0.79	0.01	0.01	0.00	0.46	0.32	55.4%	55.4%	0.7%	0.7%	0.2%	32.0%	22.5%
15			26		5	1.44	0.01	0.06	0.00	1.08	0.71		100.0%	0.6%	4.1%	0.1%	74.7%	48.9%	0.90	0.01	0.03	0.00	0.52	0.38	62.4%	62.4%	0.6%	2.1%	0.1%	35.7%	26.3%
16			27		5	1.41	0.01	0.14	0.00	1.00	0.66		100.0%	0.6%	9.6%	0.1%	70.7%	46.6%	0.80	0.01	0.05	0.00	0.43	0.34	56.8%	56.8%	0.6%	3.6%	0.1%	30.5%	24.1%
17			28		5	1.26	0.01	0.30	0.00	0.86	0.63		100.0%	0.6%	23.4%	0.1%	68.5%	49.7%	0.73	0.01	0.15	0.00	0.40	0.33	58.1%	58.1%	0.5%	11.8%	0.1%	31.4%	26.2%
18			34		5	1.20	0.01	0.04	0.01	0.89	0.54		100.0%	0.7%	3.0%	0.5%	74.3%	44.6%	0.65	0.01	0.02	0.00	0.40	0.27	54.2%	54.2%	0.7%	1.6%	0.3%	32.9%	22.7%
19			35		5	1.53	0.01	0.05	0.00	1.11	0.69		100.0%	0.7%	3.1%	0.1%	73.0%	45.0%	0.87	0.01	0.02	0.00	0.49	0.35	57.2%	57.2%	0.7%	1.1%	0.1%	32.4%	23.1%
20			36		5	1.55	0.01	0.02	0.00	1.15	0.76		100.0%	0.6%	1.4%	0.1%	74.3%	49.3%	0.96	0.01	0.01	0.00	0.54	0.41	62.2%	62.2%	0.6%	0.6%	0.1%	34.9%	26.3%
21			37		5	1.36	0.01	0.23	0.00	0.94	0.65		100.0%	0.7%	17.1%	0.1%	69.4%	48.0%	0.78	0.01	0.10	0.00	0.42	0.34	57.3%	57.3%	0.6%	7.2%	0.1%	30.8%	25.3%
22			256		1	0.31	0.00	0.01	0.00	0.22	0.13		100.0%	0.0%	4.5%	0.6%	71.2%	40.7%	0.14	0.00	0.01	0.00	0.07	0.05	43.9%	43.9%	0.0%	2.9%	0.3%	23.1%	15.4%
23			258		1	0.32	0.00	0.02	0.00	0.22	0.13		100.0%	0.0%	6.6%	0.6%	67.9%	40.6%	0.13	0.00	0.01	0.00	0.06	0.05	40.6%	40.6%	0.0%	4.4%	0.3%	19.8%	14.2%
24			260		1	0.29	0.00	0.03	0.00	0.20	0.12		100.0%	0.0%	9.9%	0.3%	68.3%	40.6%	0.13	0.00	0.02	0.00	0.06	0.05	43.0%	43.0%	0.0%	5.8%	0.3%	20.8%	15.7%
25			262		1	0.30	0.00	0.04	0.00	0.21	0.12		100.0%	0.0%	13.5%	0.3%	69.4%	40.7%	0.12	0.00	0.02	0.00	0.06	0.04	41.1%	41.1%	0.0%	7.4%	0.3%	20.9%	14.1%
26			264		1	0.29	0.00	0.05	0.00	0.20	0.12		100.0%	0.0%	17.1%	0.7%	69.6%	42.0%	0.12	0.00	0.02	0.00	0.06	0.04	42.3%	42.3%	0.0%	8.4%	0.3%	21.3%	15.4%
27			266		2	0.61	0.00	0.02	0.01	0.44	0.28		100.0%	0.2%	3.6%	0.8%	73.2%	46.6%	0.27	0.00	0.01	0.00	0.15	0.11	45.3%	45.3%	0.2%	2.3%	0.7%	25.0%	18.3%
28			267		2	0.80	0.00	0.00	0.00	0.56	0.37		100.0%	0.1%	0.5%	0.4%	70.0%	46.1%	0.40	0.00	0.00	0.00	0.22	0.16	50.0%	50.0%	0.1%	0.4%	0.4%	27.9%	19.9%
29			268		2	0.76	0.00	0.04	0.00	0.53	0.34		100.0%	0.1%	5.1%	0.0%	69.1%	44.5%	0.39	0.00	0.03	0.00	0.20	0.14	51.3%	51.3%	0.1%	3.4%	0.0%	26.2%	18.7%
30			269		2	0.60	0.00	0.06	0.00	0.45	0.27		100.0%	0.2%	10.3%	0.3%	75.1%	45.1%	0.30	0.00	0.04	0.00	0.16	0.11	50.1%	50.1%	0.2%	7.1%	0.3%	26.7%	18.6%
31			274		2	0.78	0.00	0.01	0.00	0.55	0.36		100.0%	0.1%	0.9%	0.5%	70.9%	46.5%	0.39	0.00	0.01	0.00	0.22	0.16	49.9%	49.9%	0.1%	0.6%	0.4%	28.2%	20.0%
32	J	Patch	275		2	0.82	0.00	0.02	0.00	0.56	0.37		100.0%	0.1%	2.6%	0.1%	67.7%	44.7%	0.42	0.00	0.01	0.00	0.22	0.16	51.0%	51.0%	0.0%	1.5%	0.1%	26.4%	19.0%
33			276		2	0.76	0.00	0.11	0.00	0.52	0.35		100.0%	0.0%	15.0%	0.0%	68.5%	45.3%	0.39	0.00	0.06	0.00	0.21	0.15	51.0%	51.0%	0.0%	7.3%	0.0%	26.9%	19.2%
34			280		5	1.90	0.00	0.02	0.02	1.46	0.98		100.0%	0.2%	1.1%	1.2%	76.8%	51.6%	0.98	0.00	0.01	0.02	0.66	0.48	51.4%	51.4%	0.1%	0.7%	1.1%	34.6%	24.9%
35			281		5	1.94	0.00	0.02	0.00	1.36	0.99		100.0%	0.1%	1.2%	0.1%	70.0%	51.2%	1.13	0.00	0.01	0.00	0.63	0.52	58.5%	58.5%	0.1%	0.7%	0.1%	32.6%	26.9%
36			282		5	1.90	0.00	0.02	0.00	1.34	0.97		100.0%	0.1%	1.2%	0.1%	70.6%	51.3%	1.14	0.00	0.01	0.00	0.64	0.53	60.3%	60.3%	0.1%	0.6%	0.1%	34.0%	28.1%
37			283		5	1.93	0.00	0.14	0.00	1.35	0.95		100.0%	0.1%	7.0%	0.1%	70.0%	49.5%	1.16	0.00	0.05	0.00	0.63	0.51	60.3%	60.3%	0.1%	2.7%	0.1%	32.6%	26.7%
38			284		5	1.78	0.00	0.53	0.00	1.33	0.86		100.0%	0.1%	29.7%	0.1%	74.8%	48.0%	0.97	0.00	0.31	0.00	0.59	0.42	54.4%	54.4%	0.1%	17.6%	0.1%	33.2%	23.3%
39			290		5	1.98	0.00	0.02	0.01	1.41	1.01		100.0%	0.2%	0.8%	0.4%	71.4%	50.9%	1.08	0.00	0.01	0.01	0.65	0.51	54.5%	54.5%	0.1%	0.5%	0.4%	33.0%	26.0%
40			291		5	1.90	0.00	0.03	0.00	1.34	0.98		100.0%	0.1%	1.3%	0.2%	70.6%	51.4%	1.14	0.00	0.01	0.00	0.63	0.52	60.0%	60.0%	0.1%	0.7%	0.2%	33.2%	27.5%
41			292		5	1.91	0.00	0.03	0.00	1.35	0.97		100.0%	0.1%	1.3%	0.1%	70.3%	50.8%	1.16	0.00	0.01	0.00	0.64	0.54	60.3%	60.3%	0.1%	0.7%	0.1%	33.5%	28.0%
42			293		5	1.90	0.00	0.35	0.00	1.33	0.90		100.0%	0.1%	18.1%	0.1%	69.9%	47.5%	1.10	0.00	0.16	0.00	0.61	0.47	57.9%	57.9%	0.1%	8.6%	0.1%	32.0%	24.7%
43			0	256	2	0.62	0.00	0.03	0.00	0.48	0.26		100.0%	0.2%	5.1%	0.6%	77.2%	42.3%	0.27	0.00	0.02	0.00	0.16	0.10	43.1%	43.1%	0.2%	3.5%	0.6%	25.0%	16.0%
44			2	258	2	0.60	0.00	0.05	0.00	0.46	0.24		100.0%	0.2%	8.2%	0.7%	76.9%	39.7%	0.25	0.00	0.03	0.00	0.14	0.09	42.0%	42.0%	0.2%	5.4%	0.5%	24.1%	14.9%
45			4	260	2	0.57	0.00	0.07	0.00	0.43	0.23		100.0%	0.2%	11.5%	0.5%	75.3%	41.3%	0.25	0.00	0.04	0.00	0.14	0.09	43.3%	43.3%	0.2%	6.9%	0.5%	24.4%	15.7%
46			6	262	2	0.57	0.00	0.10	0.00	0.45	0.24		100.0%	0.2%	17.3%	0.5%	78.5%	41.5%	0.24	0.00	0.05	0.00	0.15	0.08	42.2%	42.2%	0.2%	9.3%	0.5%	25.7%	14.4%
47			8	264	2	0.56	0.00	0.12	0.00	0.40	0.27		100.0%	0.2%	21.1%	0.5%	70.8%	48.6%	0.25	0.00	0.06	0.00	0.12	0.11	44.1%	44.1%	0.2%	10.2%	0.4%	22.2%	19.0%
48			10	266	4	1.15	0.00	0.08	0.01	0.95	0.59		100.0%	0.3%	7.2%	1.0%	83.2%	51.2%	0.49	0.00	0.05	0.01	0.35	0.23	43.0%	43.0%	0.3%	4.2%	0.9%	30.2%	19.9%
49			11	267	4	1.57	0.00	0.02	0.01	1.24	0.72		100.0%	0.1%	1.0%	0.4%	78.7%	46.1%	0.78	0.00	0.01	0.01	0.49	0.31	49.8%	49.8%	0.1%	0.6%	0.3%	31.0%	19.5%
50			12	268	4	1.57	0.00	0.07	0.00	1.22	0.66		100.0%	0.1%	4.3%	0.1%	77.7%	41.9%	0.80	0.00	0.04	0.00	0.47	0.28	51.0%	51.0%	0.1%	2.7%	0.1%	29.5%	17.7%
51			13	269	4	1.43	0.00	0.10	0.00	1.15	0.56		100.0%	0.1%	7.3%	0.2%	80.5%	39.3%	0.70	0.00	0.07	0.00	0.41	0.23	49.1%	49.1%	0.1%	5.0%	0.1%	28.5%	16.0%
52			18	274	4	1.56	0.00	0.01	0.01	1.24	0.73		100.0%	0.1%	0.8%	0.6%	79.2%	46.4%	0.75	0.00	0.01	0.01	0.48	0.31	48.0%	48.0%	0.1%	0.6%	0.5%	30.7%	19.7%
53			19	275	4	1.58	0.00	0.04	0.00	1.22	0.72		100.0%	0.1%	2.3%	0.1%	77.1%	45.5%	0.82	0.00	0.02	0.00	0.48	0.31	51.5%	51.5%	0.1%	1.3%	0.1%	30.6%	19.4%
54			20	276	4	1.45	0.00	0.26	0.00	1.11	0.63		100.0%	0.1%	18.2%	0.1%	76.3%	43.6%	0.72	0.00	0.13	0.00	0.42	0.25	49.7%	49.7%	0.1%	9.2%	0.1%	29.1%	17.3%
55			24	280	10	3.74	0.01	0.05	0.04	3.17	1.92		100.0%	0.3%	1.4%	1.1%	84.8%	51.4%	1.87	0.01	0.03	0.04	1.38	0.95	50.0%	50.0%	0.2%	0.7%	1.0%	36.9%	25.4%
56			25	281	10	3.72	0.01	0.06	0.01	3.04	1.88		100.0%	0.3%	1.5%	0.2%	81.7%	50.7%	2.10	0.01	0.03	0.01	1.40	0.99	56.4%	56.4%	0.3%	0.8%	0.1%	37.5%	26.7%
57			26	282	10	3.54	0.01	0.10	0.01	2.82	1.84		100.0%	0.3%	2.9%	0.1%	79.5%	52.0%	2.18	0.01	0.05	0.00	1.38	1.01	61.6%	61.6%	0.3%	1.4%	0.1%	38.9%	28.4%
58			27	283	10	3.65	0.01	0.30	0.00	2.76	1.72		100.0%	0.3%	8.2%	0.1%	75.7%	47.0%	2.16	0.01	0.12	0.00	1.23	0.92	59.1%	59.1%	0.3%	3.2%	0.1%	33.7%	25.3%
59			28	284	10	3.64	0.01	0.98	0.00	2.95	1.67		100.0%	0.2%	27.0%	0.1%	80.8%	45.8%	2.03	0.01	0.57	0.00	1.27	0.83	55.7%	55.7%	0.2%	15.6%	0.1%	34.7%	22.8%
60			34	290	10	3.76	0.01	0.07	0.02	3.12	1.89		100.0%	0.3%	1.7%	0.4%	83.0%	50.3%	2.00	0.01	0.03	0.01	1.42	0.99	53.1%	53.1%	0.3%	0.9%	0.3%	37.6%	26.3%
61			35	291	10	3.65	0.01	0.06	0.00	2.93	1.84		100.0%	0.3%	1.6%	0.1%	80.3%	50.5%	2.15	0.01	0.03	0.00	1.38	0.97	59.0%	59.0%	0.3%	0.8%	0.1%	37.8%	26.6%
62			36	292	10	3.72	0.01	0.06	0.00	2.90	1.90		100.0%	0.3%	1.5%	0.1%	77.8%	51.0%	2.30	0.01	0.03	0.00	1.38	1.04	61.8%	61.8%	0.3%	0.8%	0.1%	37.0%	27.9%
63			37	293	10	3.75	0.01	0.68	0.00	2.87	1.66		100.0%	0.3%	18.0%	0.1%	76.5%	44.3%	2.15	0.01	0.32	0.00	1.26	0.88	57.4%	57.4%	0.3%	8.4%	0.1%	33.5%	23.5%

- High CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
													max ratio out of all beams												max ratio out of all beams						
													100.0%	0.7%	29.1%	1.1%	83.3%	53.2%							61.8%	61.8%	0.7%	17.2%	1.0%	38.9%	29.7%
1			0		1	0.25	0.00	0.01	0.00	0.18	0.10		100.0%	0.4%	4.0%	0.4%	72.7%	41.1%	0.11	0.00	0.01	0.00	0.06	0.04	45.1%	45.1%	0.4%	2.4%	0.4%	24.1%	15.8%
2			2		1	0.23	0.00	0.01	0.00	0.17	0.09		100.0%	0.4%	4.7%	0.4%	74.2%	37.8%	0.11	0.00	0.01	0.00	0.06	0.03	45.1%	45.1%	0.4%	2.6%	0.4%	24.9%	13.7%
3			4		1	0.24	0.00	0.02	0.00	0.17	0.09		100.0%	0.4%	6.7%	0.4%	70.7%	38.9%	0.11	0.00	0.01	0.00	0.06	0.04	45.6%	45.6%	0.4%	3.8%	0.4%	23.0%	14.6%
4			6		1	0.23	0.00	0.03	0.00	0.17	0.09		100.0%	0.4%	11.3%	0.4%	71.9%	39.0%	0.11	0.00	0.01	0.00	0.06	0.03	45.9%	45.9%	0.4%	5.6%	0.0%	24.7%	14.3%
5			8		1	0.25	0.00	0.04	0.00	0.16	0.11		100.0%	0.4%	15.5%	0.0%	66.1%	43.7%	0.11	0.00	0.02	0.00	0.05	0.04	46.5%	46.5%	0.4%	6.9%	0.0%	22.0%	17.1%
6			10		2	0.36	0.00	0.03	0.00	0.27	0.16		100.0%	0.3%	7.2%	0.6%	76.0%	44.8%	0.19	0.00	0.02	0.00	0.11	0.06	51.8%	51.8%	0.3%	4.2%	0.6%	29.5%	17.5%
7			11		2	0.68	0.00	0.01	0.00	0.49	0.29		100.0%	0.3%	1.6%	0.1%	71.9%	43.3%	0.36	0.00	0.01	0.00	0.20	0.13	53.2%	53.2%	0.3%	0.9%	0.1%	29.0%	18.7%
8			12		2	0.69	0.00	0.02	0.00	0.50	0.30		100.0%	0.3%	2.6%	0.1%	71.9%	43.0%	0.37	0.00	0.01	0.00	0.20	0.13	53.5%	53.5%	0.3%	1.3%	0.0%	29.3%	18.6%
9			13		2	0.68	0.00	0.03	0.00	0.49	0.29		100.0%	0.3%	3.8%	0.0%	72.2%	42.9%	0.36	0.00	0.01	0.00	0.20	0.13	53.4%	53.4%	0.3%	2.1%	0.0%	29.3%	18.5%
10			18		2	0.61	0.00	0.00	0.00	0.44	0.27		100.0%	0.3%	0.7%	0.2%	72.1%	43.8%	0.32	0.00	0.00	0.00	0.18	0.11	52.5%	52.5%	0.3%	0.3%	0.2%	28.9%	18.7%
11			19		2	0.68	0.00	0.01	0.00	0.49	0.29		100.0%	0.3%	1.6%	0.1%	71.9%	43.3%	0.36	0.00	0.01	0.00	0.20	0.13	53.2%	53.2%	0.3%	0.9%	0.1%	29.0%	18.7%
12			20		2	0.53	0.00	0.08	0.00	0.37	0.24		100.0%	0.4%	14.7%	0.0%	70.7%	45.3%	0.28	0.00	0.04	0.00	0.15	0.10	52.8%	52.8%	0.4%	7.8%	0.0%	27.6%	18.7%
13			24		5	1.11	0.01	0.04	0.01	0.81	0.51		100.0%	0.6%	3.8%	0.5%	73.3%	46.5%	0.60	0.01	0.02	0.01	0.36	0.26	54.5%	54.5%	0.6%	2.0%	0.5%	32.4%	23.2%
14			25		5	1.52	0.01	0.02	0.00	1.10	0.68		100.0%	0.7%	1.3%	0.3%	72.1%	44.4%	0.86	0.01	0.01	0.00	0.48	0.35	56.2%	56.2%	0.7%	0.7%	0.2%	31.4%	22.8%
15			26		5	1.49	0.01	0.06	0.00	1.11	0.73		100.0%	0.7%	4.1%	0.1%	74.2%	48.8%	0.92	0.01	0.03	0.00	0.54	0.40	61.8%	61.8%	0.6%	2.1%	0.1%	36.4%	27.0%
16			27		5	1.46	0.01	0.14	0.00	1.03	0.67		100.0%	0.6%	9.7%	0.1%	70.6%	45.9%	0.83	0.01	0.05	0.00	0.45	0.35	56.8%	56.8%	0.5%	3.6%	0.1%	30.8%	24.1%
17			28		5	1.33	0.01	0.31	0.00	0.91	0.64		100.0%	0.5%	23.5%	0.1%	68.7%	48.3%	0.78	0.01	0.16	0.00	0.42	0.34	58.6%	58.6%	0.5%	11.8%	0.1%	31.7%	25.5%
18			34		5	1.30	0.01	0.04	0.01	0.94	0.58		100.0%	0.6%	3.1%	0.5%	72.4%	44.8%	0.71	0.01	0.02	0.01	0.42	0.30	54.9%	54.9%	0.6%	1.6%	0.4%	32.0%	23.0%
19			35		5	1.60	0.01	0.05	0.00	1.15	0.72		100.0%	0.6%	2.9%	0.1%	72.2%	44.9%	0.91	0.01	0.02	0.00	0.52	0.38	57.2%	57.2%	0.6%	1.1%	0.1%	32.3%	23.7%
20			36		5	1.60	0.01	0.03	0.00	1.18	0.79		100.0%	0.6%	1.6%	0.1%	73.8%	49.0%	0.99	0.01	0.01	0.00	0.57	0.43	61.5%	61.5%	0.6%	0.7%	0.1%	35.6%	26.7%
21			37		5	1.42	0.01	0.24	0.00	0.99	0.67		100.0%	0.6%	17.1%	0.1%	69.7%	47.0%	0.82	0.01	0.10	0.00	0.44	0.35	57.7%	57.7%	0.6%	7.0%	0.1%	31.1%	24.8%
22			256		1	0.31	0.00	0.02	0.00	0.22	0.12		100.0%	0.0%	4.9%	0.7%	70.7%	40.4%	0.14	0.00	0.01	0.00	0.07	0.05	44.0%	44.0%	0.0%	3.3%	0.3%	22.8%	15.3%
23			258		1	0.32	0.00	0.02	0.00	0.22	0.13		100.0%	0.0%	7.2%	0.6%	67.8%	40.0%	0.13	0.00	0.02	0.00	0.07	0.05	40.3%	40.3%	0.0%	4.7%	0.3%	20.3%	14.1%
24			260		1	0.30	0.00	0.03	0.00	0.20	0.12		100.0%	0.0%	10.1%	0.3%	67.9%	40.2%	0.13	0.00	0.02	0.00	0.06	0.05	42.6%	42.6%	0.0%	6.1%	0.3%	21.3%	15.5%
25			262		1	0.30	0.00	0.04	0.00	0.21	0.12		100.0%	0.3%	13.8%	0.7%	69.1%	39.8%	0.12	0.00	0.02	0.00	0.06	0.04	40.8%	40.8%	0.0%	7.6%	0.3%	20.1%	13.8%
26			264		1	0.29	0.00	0.05	0.00	0.20	0.12		100.0%	0.0%	16.7%	0.7%	69.0%	41.2%	0.12	0.00	0.02	0.00	0.06	0.04	42.2%	42.2%	0.0%	8.2%	0.7%	21.4%	15.0%
27			266		2	0.62	0.00	0.02	0.01	0.45	0.29		100.0%	0.2%	3.9%	0.8%	73.1%	46.4%	0.28	0.00	0.02	0.01	0.15	0.11	44.8%	44.8%	0.2%	2.4%	0.8%	24.6%	18.1%
28			267		2	0.79	0.00	0.00	0.00	0.56	0.37		100.0%	0.1%	0.5%	0.4%	70.1%	46.1%	0.40	0.00	0.00	0.00	0.22	0.16	50.4%	50.4%	0.1%	0.4%	0.4%	27.9%	19.8%
29			268		2	0.76	0.00	0.04	0.00	0.53	0.34		100.0%	0.1%	5.2%	0.0%	68.8%	44.0%	0.39	0.00	0.03	0.00	0.20	0.14	51.2%	51.2%	0.1%	3.7%	0.0%	26.0%	18.6%
30			269		2	0.61	0.00	0.07	0.00	0.46	0.27		100.0%	0.2%	11.1%	0.3%	74.6%	44.5%	0.30	0.00	0.05	0.00	0.16	0.11	49.6%	49.6%	0.2%	7.7%	0.3%	26.4%	18.2%
31			274		2	0.77	0.00	0.01	0.00	0.55	0.36		100.0%	0.1%	0.8%	0.4%	70.9%	46.5%	0.39	0.00	0.00	0.00	0.22	0.16	50.1%	50.1%	0.1%	0.5%	0.4%	28.4%	20.1%
32	J	Patch	275		2	0.82	0.00	0.02	0.00	0.55	0.36		100.0%	0.1%	2.6%	0.1%	67.6%	44.4%	0.42	0.00	0.01	0.00	0.22	0.16	51.1%	51.1%	0.0%	1.5%	0.1%	26.3%	19.0%
33			276		2	0.77	0.00	0.12	0.00	0.52	0.34		100.0%	0.1%	15.1%	0.0%	68.3%	44.7%	0.40	0.00	0.06	0.00	0.21	0.15	51.5%	51.5%	0.1%	7.4%	0.0%	26.9%	18.9%
34			280		5	1.93	0.00	0.02	0.02	1.48	1.00		100.0%	0.2%	1.2%	1.1%	76.4%	51.7%	1.00	0.00	0.01	0.02	0.67	0.48	51.7%	51.7%	0.1%	0.7%	1.0%	34.4%	25.0%
35			281		5	1.91	0.00	0.02	0.00	1.33	0.98		100.0%	0.1%	1.2%	0.1%	70.0%	51.2%	1.12	0.00	0.01	0.00	0.63	0.52	59.0%	59.0%	0.1%	0.7%	0.1%	32.9%	27.1%
36			282		5	1.88	0.00	0.02	0.00	1.32	0.96		100.0%	0.1%	1.1%	0.1%	70.6%	51.0%	1.13	0.00	0.01	0.00	0.64	0.53	60.1%	60.1%	0.1%	0.6%	0.1%	34.2%	28.4%
37			283		5	1.93	0.00	0.13	0.00	1.35	0.95		100.0%	0.1%	6.9%	0.1%	70.2%	49.3%	1.17	0.00	0.05	0.00	0.64	0.52	60.4%	60.4%	0.1%	2.6%	0.1%	32.9%	26.7%
38			284		5	1.84	0.00	0.54	0.00	1.36	0.87		100.0%	0.1%	29.1%	0.1%	73.9%	47.5%	1.00	0.00	0.32	0.00	0.60	0.42	54.4%	54.4%	0.1%	17.2%	0.1%	32.5%	22.9%
39			290		5	1.96	0.00	0.01	0.01	1.39	1.00		100.0%	0.2%	0.7%	0.4%	70.9%	50.9%	1.08	0.00	0.01	0.01	0.64	0.51	55.0%	55.0%	0.1%	0.4%	0.3%	32.7%	26.0%
40			291		5	1.87	0.00	0.03	0.00	1.32	0.96		100.0%	0.1%	1.3%	0.2%	70.8%	51.3%	1.12	0.00	0.02	0.00	0.63	0.52	60.1%	60.1%	0.1%	0.8%	0.2%	33.5%	27.6%
41			292		5	1.90	0.00	0.03	0.00	1.34	0.96		100.0%	0.1%	1.4%	0.1%	70.2%	50.3%	1.14	0.00	0.02	0.00	0.64	0.53	59.9%	59.9%	0.1%	0.8%	0.1%	33.6%	28.0%
42			293		5	1.93	0.00	0.34	0.00	1.35	0.92		100.0%	0.1%	17.8%	0.1%	69.7%	47.4%	1.12	0.00	0.16	0.00	0.62	0.48	58.1%	58.1%	0.1%	8.2%	0.1%	31.9%	24.7%
43			0	256	2	0.62	0.00	0.03	0.00	0.47	0.26		100.0%	0.2%	5.5%	0.6%	75.2%	41.9%	0.27	0.00	0.02	0.00	0.15	0.10	43.7%	43.7%	0.2%	3.9%	0.5%	24.6%	16.0%
44			2	258	2	0.59	0.00	0.05	0.00	0.44	0.24		100.0%	0.2%	8.8%	0.7%	75.1%	41.0%	0.25	0.00	0.03	0.00	0.14	0.09	42.2%	42.2%	0.2%	5.8%	0.5%	24.1%	15.6%
45			4	260	2	0.56	0.00	0.07	0.00	0.41	0.24		100.0%	0.2%	11.9%	0.5%	73.2%	42.8%	0.24	0.00	0.04	0.00	0.14	0.09	43.3%	43.3%	0.2%	7.1%	0.5%	24.3%	16.3%
46			6	262	2	0.57	0.00	0.10	0.00	0.43	0.24		100.0%	0.2%	17.5%	0.5%	75.7%	42.2%	0.24	0.00	0.05	0.00	0.14	0.08	42.6%	42.6%	0.2%	9.2%	0.5%	24.6%	14.7%
47			8	264	2	0.57	0.00	0.12	0.00	0.39	0.28		100.0%	0.2%	20.4%	0.5%	68.1%	48.6%	0.25	0.00	0.06	0.00	0.13	0.11	44.3%	44.3%	0.2%	9.8%	0.5%	22.3%	19.0%
48			10	266	4	1.19	0.00	0.09	0.01	0.96	0.62		100.0%	0.3%	7.1%	1.0%	80.5%	51.6%	0.51	0.00	0.05	0.01	0.34	0.24	42.7%	42.7%	0.3%	4.2%	0.9%	28.5%	19.9%
49			11	267	4	1.58	0.00	0.02	0.01	1.21	0.74		100.0%	0.2%	1.0%	0.3%	76.7%	46.6%	0.78	0.00	0.01	0.01	0.48	0.31	49.4%	49.4%	0.2%	0.5%	0.3%	30.4%	19.9%
50			12	268	4	1.56	0.00	0.07	0.00	1.18	0.66		100.0%	0.2%	4.2%	0.1%	75.7%	42.5%	0.79	0.00	0.04	0.00	0.45	0.28	50.8%	50.8%	0.1%	2.7%	0.1%	29.2%	18.0%
51			13	269	4	1.42	0.00	0.11	0.00	1.11	0.56		100.0%	0.2%	7.6%	0.1%	78.4%	39.6%	0.69	0.00	0.07	0.00	0.40	0.23	48.8%	48.8%	0.1%	5.2%	0.1%	27.9%	16.3%
52			18	274	4	1.58	0.00	0.01	0.01	1.22	0.74		100.0%	0.2%	0.7%	0.5%	77.6%	46.9%	0.76	0.00	0.01	0.01	0.47	0.32	48.2%	48.2%	0.2%	0.5%	0.4%	30.0%	20.0%
53			19	275	4	1.56	0.00	0.04	0.00	1.18	0.73		100.0%	0.2%	2.3%	0.1%	75.5%	46.7%	0.81	0.00	0.02	0.00	0.47	0.31	51.7%	51.7%	0.1%	1.2%	0.1%	30.4%	20.1%
54			20	276	4	1.46	0.00	0.26	0.00	1.09	0.63		100.0%	0.1%	17.9%	0.1%	74.7%	43.2%	0.73	0.00	0.13	0.00	0.41	0.25	50.1%	50.1%	0.1%	9.1%	0.1%	28.3%	17.3%
55			24	280	10	3.82	0.01	0.06	0.04	3.18	1.99		100.0%	0.3%	1.5%	1.0%	83.3%	51.9%	1.94	0.01	0.03	0.03	1.38	0.98	50.7%	50.7%	0.3%	0.8%	0.9%	36.0%	25.7%
56			25	281	10	3.71	0.01	0.06	0.01	2.99	1.92		100.0%	0.3%	1.5%	0.2%	80.5%	51.8%	2.11	0.01	0.03	0.01	1.37	1.02	56.8%	56.8%	0.3%	0.8%	0.1%	36.8%	27.3%
57			26	282	10	3.48	0.01	0.10	0.00	2.74	1.85		100.0%	0.3%	2.9%	0.1%	78.8%	53.2%	2.13	0.01	0.05	0.00	1.36	1.03	61.2%	61.2%	0.3%	1.4%	0.1%	38.9%	29.7%
58			27	283	10	3.61	0.01	0.30	0.00	2.68	1.72		100.0%	0.3%	8.2%	0.1%	74.2%	47.8%	2.13	0.01	0.11	0.00	1.20	0.94	59.0%	59.0%	0.3%	3.1%	0.1%	33.2%	25.9%
59			28	284	10	3.66	0.01	0.97	0.00	2.88	1.69		100.0%	0.2%	26.4%	0.1%	78.7%	46.1%	2.05	0.01	0.56	0.00	1.23	0.84	56.0%	56.0%	0.2%	15.3%	0.1%	33.5%	22.9%
60			34	290	10	3.80	0.01	0.06	0.01	3.09	1.94		100.0%	0.3%	1.7%	0.4%	81.3%	51.0%	2.04	0.01	0.03	0.01	1.39	1.01	53.7%	53.7%	0.3%	0.9%	0.3%	36.5%	26.6%
61			35	291	10	3.59	0.01	0.06	0.00	2.87	1.87		100.0%	0.3%	1.7%	0.1%	79.9%	52.2%	2.12	0.01	0.03	0.00	1.35	1.00	59.0%	59.0%	0.3%	0.9%	0.1%	37.6%	27.8%
62			36	292	10	3.67	0.01	0.06	0.00	2.81	1.90		100.0%	0.3%	1.6%	0.1%	76.5%	51.8%	2.25	0.01	0.03	0.00	1.35	1.06	61.3%	61.3%	0.3%	0.8%	0.1%	36.9%	28.7%
63			37	293	10	3.73	0.01	0.66	0.00	2.79	1.68		100.0%	0.3%	17.8%	0.1%	74.9%	45.2%	2.15	0.01	0.30	0.00	1.22	0.90	57.6%	57.6%	0.3%	8.0%	0.1%	32.7%	24.1%

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No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
												max ratio out of all beams	100.0%	8.4%	40.5%	1.5%	40.7%	94.6%							68.1%	68.1%	7.0%	24.8%	1.1%	20.2%	52.9%
1			0		1	0.20	0.01	0.01	0.00	0.05	0.06		100.0%	3.6%	6.1%	1.0%	26.9%	29.9%	0.09	0.01	0.01	0.00	0.02	0.02	47.7%	47.7%	3.0%	4.6%	0.5%	11.2%	9.6%
2			2		1	0.20	0.00	0.01	0.00	0.05	0.05		100.0%	2.0%	6.5%	0.5%	25.9%	25.9%	0.10	0.00	0.01	0.00	0.02	0.02	48.3%	48.3%	1.5%	4.0%	0.5%	10.0%	9.5%
3			4		1	0.20	0.01	0.02	0.00	0.04	0.06		100.0%	2.6%	8.7%	1.5%	21.4%	30.6%	0.09	0.00	0.01	0.00	0.02	0.02	44.4%	44.4%	2.0%	4.6%	0.5%	8.2%	10.2%
4			6		1	0.18	0.01	0.02	0.00	0.04	0.06		100.0%	3.3%	13.3%	0.6%	22.2%	33.9%	0.08	0.00	0.01	0.00	0.02	0.02	42.8%	42.8%	2.2%	6.7%	0.6%	8.9%	12.8%
5			8		1	0.18	0.01	0.04	0.00	0.04	0.06		100.0%	4.0%	21.0%	0.6%	23.9%	35.8%	0.08	0.01	0.02	0.00	0.02	0.02	43.8%	43.8%	3.4%	9.1%	0.6%	9.1%	13.1%
6			10		2	0.30	0.01	0.03	0.00	0.08	0.09		100.0%	3.3%	8.4%	1.3%	26.1%	31.4%	0.15	0.01	0.01	0.00	0.03	0.03	50.2%	50.2%	3.0%	4.7%	1.0%	10.4%	11.4%
7			11		2	0.57	0.02	0.01	0.00	0.19	0.17		100.0%	3.2%	2.5%	0.5%	32.6%	29.3%	0.32	0.01	0.01	0.00	0.08	0.06	57.0%	57.0%	2.5%	1.2%	0.4%	13.9%	11.3%
8			12		2	0.59	0.02	0.02	0.00	0.19	0.17		100.0%	3.2%	3.6%	0.3%	32.2%	29.5%	0.34	0.02	0.01	0.00	0.08	0.07	56.8%	56.8%	2.5%	2.0%	0.2%	13.6%	11.4%
9			13		2	0.59	0.02	0.03	0.00	0.19	0.18		100.0%	3.2%	4.8%	0.3%	31.6%	29.9%	0.33	0.02	0.02	0.00	0.08	0.07	56.1%	56.1%	2.6%	2.7%	0.2%	13.3%	11.4%
10			18		2	0.49	0.02	0.01	0.00	0.16	0.15		100.0%	3.9%	1.4%	0.8%	32.3%	29.7%	0.28	0.02	0.00	0.00	0.07	0.06	56.5%	56.5%	3.0%	0.8%	0.4%	14.0%	11.2%
11			19		2	0.57	0.02	0.01	0.00	0.19	0.17		100.0%	3.2%	2.5%	0.5%	32.6%	29.3%	0.32	0.01	0.01	0.00	0.08	0.06	57.0%	57.0%	2.5%	1.2%	0.4%	13.9%	11.3%
12			20		2	0.43	0.02	0.07	0.00	0.10	0.18		100.0%	3.7%	16.6%	0.7%	23.7%	41.9%	0.22	0.01	0.04	0.00	0.04	0.08	49.5%	49.5%	3.0%	8.3%	0.5%	9.2%	17.5%
13			24		5	0.85	0.06	0.04	0.01	0.26	0.30		100.0%	6.9%	4.7%	1.5%	30.7%	35.0%	0.47	0.05	0.02	0.01	0.12	0.14	55.2%	55.2%	6.0%	2.6%	1.1%	13.9%	16.5%
14			25		5	1.14	0.10	0.02	0.01	0.42	0.36		100.0%	8.4%	2.1%	0.8%	36.5%	31.8%	0.67	0.08	0.01	0.00	0.21	0.18	58.7%	58.7%	7.0%	1.1%	0.4%	18.0%	15.8%
15			26		5	1.24	0.09	0.07	0.00	0.50	0.50		100.0%	7.3%	5.4%	0.2%	40.7%	40.5%	0.84	0.07	0.03	0.00	0.25	0.24	68.1%	68.1%	6.0%	2.8%	0.2%	20.2%	19.6%
16			27		5	1.16	0.08	0.13	0.01	0.39	0.46		100.0%	7.0%	10.8%	0.4%	33.4%	39.9%	0.67	0.07	0.05	0.00	0.21	0.23	57.4%	57.4%	5.7%	4.6%	0.3%	17.9%	20.0%
17			28		5	1.11	0.07	0.29	0.01	0.34	0.52		100.0%	6.3%	25.8%	0.9%	30.3%	46.8%	0.63	0.06	0.15	0.01	0.16	0.29	56.7%	56.7%	5.0%	13.8%	0.5%	14.1%	25.9%
18			34		5	0.98	0.08	0.04	0.01	0.33	0.33		100.0%	7.9%	4.2%	1.2%	34.1%	33.6%	0.56	0.07	0.02	0.01	0.16	0.16	57.6%	57.6%	6.6%	2.2%	0.7%	16.1%	16.5%
19			35		5	1.25	0.08	0.05	0.00	0.47	0.42		100.0%	6.7%	3.9%	0.3%	37.8%	33.4%	0.78	0.07	0.02	0.00	0.24	0.20	61.8%	61.8%	5.6%	1.6%	0.2%	19.2%	15.9%
20			36		5	1.29	0.09	0.03	0.00	0.50	0.53		100.0%	7.1%	2.6%	0.3%	39.1%	41.5%	0.84	0.07	0.02	0.00	0.26	0.26	65.3%	65.3%	5.4%	1.2%	0.2%	19.8%	20.4%
21			37		5	1.14	0.08	0.21	0.01	0.36	0.51		100.0%	6.7%	18.7%	0.6%	31.9%	44.2%	0.64	0.06	0.10	0.00	0.18	0.28	56.4%	56.4%	5.3%	8.5%	0.4%	16.1%	24.4%
22			256		1	0.33	0.00	0.04	0.00	0.02	0.24		100.0%	0.3%	10.5%	0.3%	4.8%	73.5%	0.16	0.00	0.02	0.00	0.01	0.11	47.0%	47.0%	0.3%	7.2%	0.3%	2.1%	32.2%
23			258		1	0.31	0.00	0.04	0.00	0.01	0.22		100.0%	0.6%	12.0%	0.3%	4.2%	72.5%	0.13	0.00	0.02	0.00	0.01	0.09	41.1%	41.1%	0.3%	7.8%	0.3%	1.6%	29.1%
24			260		1	0.29	0.00	0.03	0.00	0.01	0.21		100.0%	0.7%	11.4%	0.3%	4.8%	72.0%	0.13	0.00	0.02	0.00	0.01	0.09	43.9%	43.9%	0.3%	6.9%	0.3%	1.7%	31.1%
25			262		1	0.29	0.00	0.05	0.00	0.01	0.21		100.0%	1.0%	15.8%	0.3%	4.5%	72.9%	0.13	0.00	0.03	0.00	0.01	0.08	43.0%	43.0%	0.7%	8.6%	0.3%	2.1%	27.5%
26			264		1	0.27	0.00	0.05	0.00	0.01	0.20		100.0%	0.4%	19.8%	0.7%	4.8%	73.6%	0.12	0.00	0.03	0.00	0.01	0.08	44.3%	44.3%	0.4%	9.9%	0.7%	1.8%	30.4%
27			266		2	0.60	0.00	0.01	0.00	0.03	0.49		100.0%	0.7%	2.2%	0.7%	5.2%	82.9%	0.28	0.00	0.01	0.00	0.01	0.23	46.4%	46.4%	0.5%	1.3%	0.7%	2.0%	38.7%
28			267		2	0.88	0.00	0.01	0.00	0.05	0.68		100.0%	0.3%	1.3%	0.3%	5.6%	77.8%	0.45	0.00	0.01	0.00	0.02	0.34	50.7%	50.7%	0.2%	0.8%	0.2%	2.3%	38.4%
29			268		2	0.79	0.00	0.06	0.00	0.05	0.58		100.0%	0.3%	7.3%	0.1%	6.0%	73.9%	0.41	0.00	0.04	0.00	0.02	0.27	52.5%	52.5%	0.3%	5.0%	0.0%	2.4%	34.2%
30			269		2	0.58	0.00	0.12	0.00	0.03	0.46		100.0%	0.3%	20.3%	0.3%	5.9%	80.2%	0.30	0.00	0.08	0.00	0.02	0.21	51.8%	51.8%	0.2%	13.7%	0.2%	2.6%	37.1%
31			274		2	0.85	0.00	0.02	0.00	0.05	0.68		100.0%	0.4%	2.1%	0.4%	5.5%	79.0%	0.43	0.00	0.01	0.00	0.02	0.34	50.5%	50.5%	0.2%	1.3%	0.4%	2.3%	39.3%
32	J	Patch	275		2	0.88	0.00	0.02	0.00	0.05	0.65		100.0%	0.3%	2.7%	0.1%	5.9%	73.3%	0.46	0.00	0.02	0.00	0.02	0.31	51.9%	51.9%	0.2%	1.7%	0.1%	2.4%	34.7%
33			276		2	0.79	0.00	0.14	0.00	0.05	0.60		100.0%	0.3%	17.5%	0.1%	5.9%	75.7%	0.41	0.00	0.07	0.00	0.02	0.28	51.5%	51.5%	0.3%	8.9%	0.0%	2.4%	35.5%
34			280		5	1.89	0.01	0.05	0.02	0.13	1.79		100.0%	0.5%	2.5%	1.2%	6.6%	94.6%	0.99	0.01	0.03	0.02	0.05	1.00	52.9%	52.4%	0.3%	1.6%	1.1%	2.9%	52.9%
35			281		5	2.15	0.01	0.03	0.00	0.17	1.75		100.0%	0.5%	1.5%	0.1%	7.8%	81.5%	1.23	0.01	0.02	0.00	0.08	1.03	57.2%	57.2%	0.4%	0.8%	0.1%	3.6%	47.7%
36			282		5	2.15	0.01	0.03	0.00	0.19	1.65		100.0%	0.5%	1.3%	0.1%	9.0%	76.9%	1.31	0.01	0.01	0.00	0.09	0.98	61.2%	61.2%	0.4%	0.7%	0.1%	4.2%	45.9%
37			283		5	2.07	0.01	0.22	0.00	0.19	1.58		100.0%	0.6%	10.7%	0.0%	9.3%	76.1%	1.25	0.01	0.10	0.00	0.09	0.93	60.3%	60.3%	0.4%	4.6%	0.0%	4.3%	44.9%
38			284		5	1.65	0.01	0.67	0.00	0.13	1.51		100.0%	0.5%	40.5%	0.1%	7.8%	91.1%	0.92	0.01	0.41	0.00	0.06	0.81	55.7%	55.7%	0.3%	24.8%	0.1%	3.6%	49.1%
39			290		5	2.07	0.01	0.02	0.01	0.15	1.83		100.0%	0.5%	0.8%	0.5%	7.1%	88.7%	1.14	0.01	0.01	0.01	0.07	1.04	55.0%	55.0%	0.3%	0.5%	0.4%	3.2%	50.5%
40			291		5	2.16	0.01	0.04	0.00	0.18	1.69		100.0%	0.6%	1.8%	0.1%	8.3%	78.2%	1.28	0.01	0.02	0.00	0.08	0.99	59.5%	59.5%	0.4%	1.0%	0.1%	3.9%	45.9%
41			292		5	2.12	0.01	0.04	0.00	0.20	1.62		100.0%	0.4%	1.7%	0.0%	9.5%	76.4%	1.31	0.01	0.02	0.00	0.10	0.97	62.1%	62.1%	0.3%	0.9%	0.0%	4.5%	45.7%
42			293		5	1.92	0.01	0.41	0.00	0.16	1.53		100.0%	0.6%	21.3%	0.1%	8.5%	79.7%	1.11	0.01	0.24	0.00	0.08	0.87	58.0%	58.0%	0.5%	12.5%	0.1%	4.0%	45.1%
43			0	256	2	0.59	0.01	0.06	0.00	0.07	0.40		100.0%	1.5%	10.7%	0.5%	12.4%	66.8%	0.26	0.01	0.04	0.00	0.03	0.17	43.7%	43.7%	1.2%	7.1%	0.3%	5.2%	28.6%
44			2	258	2	0.55	0.01	0.08	0.00	0.07	0.31		100.0%	1.3%	14.8%	0.5%	13.2%	56.4%	0.24	0.01	0.05	0.00	0.03	0.12	43.6%	43.6%	1.1%	9.5%	0.5%	5.1%	21.4%
45			4	260	2	0.52	0.01	0.08	0.00	0.06	0.29		100.0%	1.4%	15.6%	0.8%	11.8%	55.8%	0.22	0.01	0.05	0.00	0.02	0.11	42.5%	42.5%	1.2%	9.1%	0.6%	4.6%	21.8%
46			6	262	2	0.53	0.01	0.11	0.00	0.05	0.30		100.0%	1.5%	20.4%	0.6%	10.2%	57.5%	0.22	0.01	0.06	0.00	0.02	0.14	40.6%	40.6%	1.3%	11.0%	0.6%	3.8%	25.5%
47			8	264	2	0.50	0.01	0.14	0.00	0.06	0.28		100.0%	1.8%	27.3%	0.6%	12.4%	56.8%	0.22	0.01	0.07	0.00	0.03	0.11	43.8%	43.8%	1.4%	13.5%	0.6%	5.2%	22.9%
48			10	266	4	1.05	0.01	0.06	0.01	0.14	0.75		100.0%	1.3%	6.0%	0.9%	12.9%	71.5%	0.45	0.01	0.04	0.01	0.05	0.32	42.5%	42.5%	1.1%	3.4%	0.8%	4.9%	30.8%
49			11	267	4	1.46	0.03	0.02	0.01	0.24	0.92		100.0%	1.7%	1.4%	0.4%	16.6%	63.0%	0.71	0.02	0.01	0.01	0.11	0.45	48.5%	48.5%	1.4%	0.9%	0.3%	7.2%	30.7%
50			12	268	4	1.46	0.02	0.09	0.00	0.25	0.83		100.0%	1.6%	6.0%	0.3%	17.1%	56.7%	0.74	0.02	0.06	0.00	0.10	0.37	50.8%	50.8%	1.4%	4.0%	0.1%	7.0%	25.0%
51			13	269	4	1.29	0.02	0.18	0.01	0.24	0.76		100.0%	1.8%	13.7%	0.4%	18.3%	58.8%	0.63	0.02	0.12	0.00	0.09	0.34	49.3%	49.3%	1.5%	9.3%	0.2%	7.3%	26.1%
52			18	274	4	1.42	0.03	0.03	0.01	0.22	0.95		100.0%	1.8%	2.0%	0.6%	15.7%	67.2%	0.68	0.02	0.02	0.01	0.10	0.47	48.1%	48.1%	1.5%	1.3%	0.4%	7.0%	33.1%
53			19	275	4	1.48	0.02	0.05	0.01	0.24	0.88		100.0%	1.6%	3.2%	0.4%	16.3%	59.1%	0.75	0.02	0.03	0.00	0.10	0.40	50.9%	50.9%	1.3%	2.0%	0.2%	6.7%	26.9%
54			20	276	4	1.42	0.02	0.33	0.01	0.17	0.97		100.0%	1.3%	22.9%	0.4%	11.8%	68.3%	0.70	0.02	0.17	0.00	0.07	0.45	49.0%	49.0%	1.1%	11.8%	0.2%	4.8%	31.6%
55			24	280	10	3.42	0.08	0.08	0.04	0.53	2.59		100.0%	2.3%	2.3%	1.1%	15.5%	75.9%	1.75	0.07	0.04	0.03	0.23	1.45	51.3%	51.3%	2.0%	1.3%	0.9%	6.7%	42.6%
56			25	281	10	3.38	0.11	0.08	0.02	0.66	2.37		100.0%	3.2%	2.3%	0.5%	19.5%	70.1%	1.88	0.09	0.04	0.01	0.32	1.35	55.5%	55.5%	2.6%	1.3%	0.3%	9.6%	40.1%
57			26	282	10	3.35	0.11	0.13	0.01	0.71	2.15		100.0%	3.3%	3.8%	0.2%	21.1%	64.1%	2.08	0.09	0.07	0.01	0.35	1.20	62.0%	62.0%	2.7%	1.9%	0.2%	10.6%	35.7%
58			27	283	10	3.44	0.10	0.41	0.01	0.67	2.20		100.0%	3.0%	12.0%	0.2%	19.4%	64.1%	2.03	0.08	0.20	0.01	0.35	1.27	59.1%	59.1%	2.4%	5.9%	0.1%	10.1%	37.1%
59			28	284	10	3.43	0.09	1.20	0.02	0.60	2.54		100.0%	2.6%	35.1%	0.6%	17.5%	74.0%	1.88	0.07	0.70	0.01	0.27	1.39	54.7%	54.7%	2.1%	20.5%	0.3%	7.9%	40.6%
60			34	290	10	3.47	0.08	0.09	0.03	0.59	2.52		100.0%	2.4%	2.6%	0.8%	17.1%	72.7%	1.83	0.07	0.05	0.02	0.27	1.44	52.9%	52.9%	2.1%	1.5%	0.5%	7.9%	41.5%
61			35	291	10	3.27	0.10	0.08	0.01	0.69	2.18		100.0%	2.9%	2.5%	0.2%	21.0%	66.7%	1.91	0.08	0.04	0.01	0.35	1.21	58.4%	58.4%	2.3%	1.3%	0.2%	10.7%	37.1%
62			36	292	10	3.48	0.10	0.07	0.01	0.74	2.18		100.0%	3.0%	2.0%	0.2%	21.2%	62.8%	2.15	0.08	0.04	0.00	0.37	1.23	62.0%	62.0%	2.3%	1.1%	0.1%	10.7%	35.5%
63			37	293	10	3.53	0.10	0.81	0.01	0.67	2.39		100.0%	2.8%	22.9%	0.4%	18.9%	67.7%	2.02	0.08	0.47	0.01	0.33	1.38	57.1%	57.1%	2.3%	13.2%	0.2%	9.3%	39.2%

- Mid CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
												max ratio out of all beams	100.0%	9.1%	39.2%	1.7%	45.1%	94.3%							66.7%	66.7%	7.6%	23.8%	1.1%	21.9%	52.0%
1			0		1	0.22	0.01	0.01	0.00	0.06	0.07		100.0%	3.7%	6.5%	0.9%	26.7%	30.4%	0.10	0.01	0.01	0.00	0.02	0.02	45.6%	45.6%	2.8%	4.1%	0.5%	10.6%	11.1%
2			2		1	0.23	0.01	0.01	0.00	0.06	0.05		100.0%	2.7%	6.2%	0.9%	27.4%	21.2%	0.10	0.01	0.01	0.00	0.03	0.02	44.2%	44.2%	2.2%	4.0%	0.4%	11.1%	7.5%
3			4		1	0.23	0.01	0.02	0.00	0.06	0.06		100.0%	2.6%	7.8%	0.9%	24.2%	26.0%	0.10	0.01	0.01	0.00	0.02	0.02	45.0%	45.0%	2.2%	3.9%	0.4%	9.5%	9.5%
4			6		1	0.22	0.01	0.03	0.00	0.05	0.07		100.0%	3.2%	15.1%	0.9%	20.5%	31.1%	0.09	0.01	0.01	0.00	0.02	0.03	40.2%	40.2%	2.3%	7.8%	0.9%	7.8%	11.4%
5			8		1	0.20	0.01	0.04	0.00	0.05	0.07		100.0%	3.9%	18.2%	1.0%	23.2%	34.5%	0.09	0.01	0.02	0.00	0.02	0.03	42.4%	42.4%	3.4%	8.4%	0.5%	8.4%	13.3%
6			10		2	0.36	0.01	0.03	0.00	0.10	0.12		100.0%	3.3%	9.1%	1.7%	27.8%	32.0%	0.19	0.01	0.01	0.00	0.04	0.04	52.1%	52.1%	2.8%	5.5%	1.1%	11.6%	11.6%
7			11		2	0.58	0.03	0.02	0.01	0.21	0.15		100.0%	4.3%	2.6%	0.9%	35.5%	26.2%	0.32	0.02	0.01	0.00	0.09	0.06	54.7%	54.7%	3.6%	1.4%	0.5%	15.1%	9.4%
8			12		2	0.61	0.03	0.02	0.00	0.22	0.16		100.0%	4.5%	3.5%	0.7%	35.5%	26.0%	0.33	0.02	0.01	0.00	0.09	0.06	54.7%	54.7%	3.6%	2.0%	0.3%	15.0%	9.8%
9			13		2	0.61	0.03	0.03	0.00	0.21	0.16		100.0%	4.4%	4.8%	0.5%	35.0%	26.6%	0.33	0.02	0.02	0.00	0.09	0.06	54.7%	54.7%	3.6%	3.0%	0.3%	14.8%	10.5%
10			18		2	0.52	0.02	0.01	0.01	0.18	0.15		100.0%	4.6%	1.5%	1.2%	34.4%	28.8%	0.28	0.02	0.00	0.00	0.08	0.06	54.2%	54.2%	3.7%	0.8%	0.4%	14.6%	10.6%
11			19		2	0.58	0.03	0.01	0.00	0.21	0.15		100.0%	4.3%	2.6%	0.9%	35.5%	26.2%	0.32	0.02	0.01	0.00	0.09	0.06	54.7%	54.7%	3.6%	1.4%	0.5%	15.1%	9.4%
12			20		2	0.51	0.02	0.09	0.00	0.12	0.19		100.0%	3.6%	17.2%	0.6%	23.7%	38.3%	0.25	0.02	0.05	0.00	0.05	0.08	49.4%	49.4%	3.3%	9.3%	0.4%	9.5%	15.2%
13			24		5	1.06	0.07	0.04	0.02	0.32	0.39		100.0%	6.9%	3.5%	1.5%	30.9%	36.6%	0.58	0.06	0.02	0.01	0.15	0.20	54.4%	54.4%	5.9%	1.9%	1.1%	14.4%	18.5%
14			25		5	1.34	0.11	0.02	0.01	0.49	0.45		100.0%	7.8%	1.6%	1.3%	36.2%	33.2%	0.79	0.09	0.01	0.00	0.24	0.22	58.9%	58.9%	6.6%	0.7%	0.7%	17.9%	16.6%
15			26		5	1.32	0.12	0.08	0.01	0.60	0.45		100.0%	9.1%	5.9%	0.4%	45.1%	34.3%	0.88	0.10	0.04	0.00	0.29	0.25	66.7%	66.7%	7.6%	2.9%	0.2%	21.9%	19.3%
16			27		5	1.33	0.09	0.14	0.01	0.46	0.52		100.0%	6.9%	10.8%	0.6%	34.7%	39.1%	0.80	0.07	0.06	0.01	0.24	0.25	59.8%	59.8%	5.5%	4.3%	0.4%	17.9%	18.8%
17			28		5	1.26	0.09	0.32	0.01	0.40	0.56		100.0%	6.7%	25.2%	1.1%	31.9%	44.0%	0.73	0.07	0.18	0.01	0.19	0.29	57.8%	57.8%	5.2%	14.1%	0.6%	15.4%	23.2%
18			34		5	1.19	0.09	0.03	0.01	0.40	0.41		100.0%	7.4%	2.4%	1.5%	33.6%	34.1%	0.67	0.07	0.02	0.01	0.19	0.21	56.5%	56.5%	6.1%	1.3%	0.9%	16.2%	17.6%
19			35		5	1.36	0.10	0.05	0.00	0.55	0.45		100.0%	7.6%	3.8%	0.7%	40.6%	33.1%	0.84	0.09	0.02	0.00	0.27	0.24	61.9%	61.9%	6.3%	1.7%	0.4%	20.1%	17.4%
20			36		5	1.41	0.12	0.04	0.00	0.60	0.54		100.0%	8.6%	2.8%	0.3%	42.3%	38.0%	0.91	0.10	0.02	0.00	0.29	0.30	64.7%	64.7%	7.0%	1.4%	0.1%	20.8%	21.3%
21			37		5	1.32	0.09	0.24	0.01	0.43	0.55		100.0%	6.7%	18.1%	1.0%	32.7%	41.8%	0.78	0.07	0.12	0.01	0.22	0.27	58.8%	58.8%	5.6%	8.7%	0.5%	16.8%	20.4%
22			256		1	0.32	0.00	0.04	0.00	0.02	0.23		100.0%	0.3%	11.5%	0.3%	5.0%	72.0%	0.15	0.00	0.03	0.00	0.01	0.10	46.6%	46.6%	0.3%	7.8%	0.3%	1.9%	30.7%
23			258		1	0.31	0.00	0.04	0.00	0.01	0.22		100.0%	0.6%	12.5%	0.3%	4.5%	69.6%	0.13	0.00	0.03	0.00	0.01	0.09	42.0%	42.0%	0.3%	8.0%	0.3%	1.9%	28.2%
24			260		1	0.29	0.00	0.04	0.00	0.01	0.20		100.0%	0.7%	12.2%	0.3%	4.7%	70.2%	0.13	0.00	0.02	0.00	0.01	0.09	45.1%	45.1%	0.3%	7.3%	0.3%	1.7%	29.7%
25			262		1	0.30	0.00	0.05	0.00	0.01	0.21		100.0%	0.7%	16.3%	0.7%	4.7%	70.8%	0.13	0.00	0.03	0.00	0.01	0.08	43.1%	43.1%	0.7%	8.5%	0.3%	2.0%	26.8%
26			264		1	0.28	0.00	0.06	0.00	0.01	0.20		100.0%	0.4%	19.8%	0.7%	4.7%	71.9%	0.12	0.00	0.03	0.00	0.01	0.08	43.9%	43.9%	0.4%	9.7%	0.7%	1.8%	29.5%
27			266		2	0.60	0.00	0.01	0.00	0.03	0.49		100.0%	0.5%	2.2%	0.7%	5.2%	82.0%	0.28	0.00	0.01	0.00	0.01	0.22	46.4%	46.4%	0.3%	1.3%	0.7%	2.0%	36.9%
28			267		2	0.86	0.00	0.01	0.00	0.05	0.66		100.0%	0.3%	1.3%	0.3%	5.7%	76.9%	0.44	0.00	0.01	0.00	0.02	0.32	51.5%	51.5%	0.2%	0.8%	0.2%	2.3%	37.6%
29			268		2	0.78	0.00	0.06	0.00	0.05	0.57		100.0%	0.3%	7.7%	0.1%	6.1%	72.8%	0.41	0.00	0.04	0.00	0.02	0.26	52.7%	52.7%	0.3%	5.4%	0.0%	2.4%	33.5%
30			269		2	0.59	0.00	0.12	0.00	0.03	0.46		100.0%	0.2%	20.9%	0.3%	5.8%	78.2%	0.31	0.00	0.08	0.00	0.02	0.21	52.0%	52.0%	0.2%	14.1%	0.2%	2.6%	35.9%
31			274		2	0.84	0.00	0.02	0.00	0.05	0.65		100.0%	0.4%	2.3%	0.4%	5.6%	78.1%	0.43	0.00	0.01	0.00	0.02	0.32	51.3%	51.3%	0.2%	1.3%	0.2%	2.3%	38.4%
32	J	Patch	275		2	0.87	0.00	0.02	0.00	0.05	0.63		100.0%	0.2%	2.8%	0.1%	6.1%	72.3%	0.46	0.00	0.02	0.00	0.02	0.30	52.4%	52.4%	0.2%	1.8%	0.1%	2.4%	34.0%
33			276		2	0.80	0.00	0.14	0.00	0.05	0.59		100.0%	0.3%	17.9%	0.1%	6.1%	73.8%	0.42	0.00	0.07	0.00	0.02	0.28	52.1%	52.1%	0.3%	9.0%	0.0%	2.5%	34.6%
34			280		5	1.93	0.01	0.05	0.02	0.12	1.82		100.0%	0.5%	2.4%	1.2%	6.3%	94.3%	1.00	0.01	0.03	0.02	0.05	1.00	52.0%	52.6%	0.3%	1.5%	1.1%	2.6%	52.0%
35			281		5	2.08	0.01	0.03	0.00	0.17	1.67		100.0%	0.5%	1.6%	0.1%	8.0%	80.2%	1.21	0.01	0.02	0.00	0.08	0.97	58.0%	58.0%	0.3%	1.0%	0.1%	3.7%	46.8%
36			282		5	2.10	0.01	0.03	0.00	0.20	1.60		100.0%	0.4%	1.3%	0.1%	9.4%	75.9%	1.30	0.01	0.01	0.00	0.09	0.95	61.9%	61.9%	0.3%	0.7%	0.1%	4.4%	45.4%
37			283		5	2.09	0.01	0.22	0.00	0.20	1.57		100.0%	0.5%	10.7%	0.0%	9.5%	75.1%	1.27	0.01	0.09	0.00	0.09	0.92	61.1%	61.1%	0.4%	4.4%	0.0%	4.4%	44.2%
38			284		5	1.73	0.01	0.68	0.00	0.13	1.54		100.0%	0.4%	39.2%	0.1%	7.5%	89.1%	0.96	0.01	0.41	0.00	0.06	0.83	55.5%	55.5%	0.3%	23.8%	0.1%	3.5%	48.0%
39			290		5	2.03	0.01	0.01	0.01	0.14	1.78		100.0%	0.4%	0.7%	0.5%	6.9%	87.7%	1.12	0.01	0.01	0.01	0.06	1.01	55.3%	55.3%	0.3%	0.4%	0.4%	3.1%	49.6%
40			291		5	2.09	0.01	0.05	0.00	0.18	1.61		100.0%	0.5%	2.2%	0.1%	8.7%	77.1%	1.26	0.01	0.03	0.00	0.09	0.95	60.3%	60.3%	0.4%	1.2%	0.1%	4.1%	45.3%
41			292		5	2.09	0.01	0.04	0.00	0.20	1.57		100.0%	0.4%	1.9%	0.0%	9.7%	75.5%	1.31	0.01	0.02	0.00	0.10	0.94	62.6%	62.6%	0.3%	1.1%	0.0%	4.6%	45.0%
42			293		5	1.97	0.01	0.41	0.00	0.17	1.53		100.0%	0.5%	20.9%	0.1%	8.5%	77.9%	1.15	0.01	0.24	0.00	0.08	0.87	58.5%	58.5%	0.4%	12.1%	0.1%	3.9%	44.4%
43			0	256	2	0.60	0.01	0.06	0.00	0.08	0.38		100.0%	1.8%	10.7%	0.8%	13.0%	62.8%	0.26	0.01	0.04	0.00	0.03	0.16	43.3%	43.3%	1.5%	7.2%	0.5%	5.3%	26.7%
44			2	258	2	0.56	0.01	0.08	0.01	0.08	0.30		100.0%	1.3%	14.8%	0.9%	14.5%	54.4%	0.23	0.01	0.05	0.00	0.03	0.13	41.6%	41.6%	1.1%	9.4%	0.5%	5.6%	23.3%
45			4	260	2	0.53	0.01	0.08	0.00	0.07	0.28		100.0%	1.7%	15.2%	0.8%	13.6%	53.6%	0.23	0.01	0.05	0.00	0.03	0.11	43.4%	43.4%	1.3%	8.7%	0.6%	5.1%	21.0%
46			6	262	2	0.55	0.01	0.11	0.00	0.06	0.30		100.0%	1.6%	20.4%	0.7%	10.8%	53.5%	0.22	0.01	0.06	0.00	0.02	0.13	40.0%	40.0%	1.3%	10.8%	0.5%	3.8%	23.5%
47			8	264	2	0.50	0.01	0.13	0.00	0.06	0.28		100.0%	2.0%	25.0%	0.8%	12.5%	55.2%	0.22	0.01	0.06	0.00	0.03	0.11	42.8%	42.8%	1.8%	12.5%	0.8%	5.0%	24.8%
48			10	266	4	1.14	0.02	0.07	0.01	0.16	0.80		100.0%	1.3%	6.5%	1.0%	14.0%	70.3%	0.49	0.01	0.04	0.01	0.06	0.33	43.0%	43.0%	1.2%	3.9%	0.8%	5.5%	28.8%
49			11	267	4	1.48	0.03	0.02	0.01	0.26	0.95		100.0%	2.2%	1.3%	0.7%	17.7%	63.9%	0.71	0.03	0.01	0.00	0.12	0.44	47.6%	47.6%	1.8%	0.9%	0.4%	7.5%	30.8%
50			12	268	4	1.42	0.03	0.09	0.01	0.26	0.81		100.0%	2.3%	6.3%	0.4%	18.6%	56.6%	0.71	0.03	0.06	0.00	0.11	0.35	49.6%	49.6%	1.9%	4.2%	0.2%	7.8%	24.8%
51			13	269	4	1.28	0.03	0.18	0.01	0.25	0.73		100.0%	2.5%	13.9%	0.5%	19.8%	57.2%	0.62	0.03	0.12	0.00	0.10	0.32	48.5%	48.5%	2.0%	9.1%	0.2%	8.1%	24.6%
52			18	274	4	1.50	0.03	0.03	0.01	0.24	0.99		100.0%	2.1%	2.0%	0.6%	16.3%	66.4%	0.71	0.03	0.02	0.00	0.11	0.48	47.7%	47.7%	1.7%	1.3%	0.5%	7.1%	32.0%
53			19	275	4	1.47	0.03	0.05	0.01	0.26	0.89		100.0%	2.1%	3.1%	0.5%	17.6%	60.6%	0.72	0.03	0.03	0.00	0.11	0.41	48.8%	48.8%	1.8%	2.1%	0.3%	7.4%	27.9%
54			20	276	4	1.49	0.02	0.33	0.01	0.18	0.95		100.0%	1.4%	21.9%	0.3%	12.1%	63.7%	0.73	0.02	0.16	0.00	0.07	0.44	48.8%	48.8%	1.1%	11.0%	0.2%	4.8%	29.2%
55			24	280	10	3.75	0.09	0.07	0.04	0.60	2.78		100.0%	2.5%	2.0%	1.1%	15.9%	74.1%	1.90	0.08	0.05	0.03	0.26	1.53	50.6%	50.6%	2.1%	1.3%	0.8%	6.9%	40.8%
56			25	281	10	3.64	0.12	0.07	0.03	0.75	2.47		100.0%	3.2%	1.8%	0.8%	20.5%	67.9%	2.05	0.10	0.04	0.02	0.37	1.39	56.5%	56.5%	2.7%	1.0%	0.4%	10.0%	38.2%
57			26	282	10	3.26	0.14	0.13	0.01	0.80	2.14		100.0%	4.2%	3.9%	0.3%	24.5%	65.6%	2.01	0.12	0.06	0.01	0.39	1.23	61.9%	61.9%	3.5%	2.0%	0.2%	11.9%	37.8%
58			27	283	10	3.46	0.11	0.38	0.01	0.72	2.14		100.0%	3.1%	11.1%	0.3%	20.8%	61.9%	2.07	0.09	0.19	0.01	0.37	1.22	59.7%	59.7%	2.5%	5.4%	0.2%	10.6%	35.3%
59			28	284	10	3.54	0.10	1.18	0.02	0.66	2.48		100.0%	2.8%	33.3%	0.6%	18.5%	69.9%	1.94	0.08	0.69	0.01	0.30	1.35	54.7%	54.7%	2.3%	19.5%	0.2%	8.4%	38.2%
60			34	290	10	3.71	0.10	0.05	0.04	0.67	2.62		100.0%	2.7%	1.3%	1.1%	17.9%	70.5%	1.97	0.08	0.03	0.02	0.31	1.48	53.1%	53.1%	2.2%	0.7%	0.6%	8.2%	39.8%
61			35	291	10	3.38	0.11	0.11	0.02	0.79	2.26		100.0%	3.2%	3.2%	0.4%	23.3%	67.0%	1.99	0.09	0.06	0.01	0.39	1.26	58.8%	58.8%	2.8%	1.7%	0.2%	11.5%	37.4%
62			36	292	10	3.44	0.13	0.07	0.01	0.81	2.14		100.0%	3.8%	2.1%	0.2%	23.6%	62.3%	2.13	0.10	0.04	0.00	0.40	1.25	62.0%	62.0%	3.0%	1.3%	0.1%	11.6%	36.2%
63			37	293	10	3.60	0.11	0.78	0.02	0.71	2.32		100.0%	2.9%	21.7%	0.5%	19.7%	64.4%	2.07	0.08	0.46	0.01	0.35	1.33	57.6%	57.6%	2.3%	12.7%	0.3%	9.7%	37.1%

- High CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	max ratio out of all beams: 100.0% ratio (Right 2mm)/(worst-surface 2mm)	13.8% ratio (Left 2mm)/(worst-surface 2mm)	37.1% ratio (Top 2mm)/(worst-surface 2mm)	1.9% ratio (Bottom 2mm)/(worst-surface 2mm)	47.1% ratio (Fornt 2mm)/(worst-surface 2mm)	93.1% ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	max ratio out of all beams: 63.2% ratio worst-surface (10mm/2mm)	63.2% ratio (Right 10mm)/(worst-surface 2mm)	11.6% ratio (Left 10mm)/(worst-surface 2mm)	22.5% ratio (Top 10mm)/(worst-surface 2mm)	1.6% ratio (Bottom 10mm)/(worst-surface 2mm)	23.6% ratio (Front 10mm)/(worst-surface 2mm)	51.3% ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.22	0.01	0.01	0.00	0.06	0.07		100.0%	4.9%	6.3%	0.9%	24.6%	32.1%	0.09	0.01	0.01	0.00	0.02	0.03	42.0%	42.0%	4.0%	4.0%	0.4%	9.4%	12.5%
2			2		1	0.20	0.01	0.02	0.00	0.05	0.06		100.0%	3.9%	8.4%	1.5%	26.1%	27.6%	0.08	0.01	0.01	0.00	0.02	0.02	38.9%	38.9%	3.4%	5.4%	0.5%	9.4%	9.9%
3			4		1	0.22	0.01	0.02	0.00	0.06	0.06		100.0%	3.2%	9.1%	1.4%	25.9%	26.4%	0.09	0.01	0.01	0.00	0.02	0.02	42.7%	42.7%	2.7%	5.0%	0.9%	9.5%	10.0%
4			6		1	0.22	0.01	0.03	0.00	0.05	0.07		100.0%	3.6%	13.6%	1.4%	20.5%	33.6%	0.09	0.01	0.02	0.00	0.02	0.03	39.1%	39.1%	3.2%	6.8%	0.9%	7.3%	13.2%
5			8		1	0.22	0.01	0.04	0.00	0.05	0.08		100.0%	4.6%	18.7%	0.5%	21.9%	37.4%	0.09	0.01	0.02	0.00	0.02	0.03	42.5%	42.5%	3.7%	9.1%	0.5%	7.3%	15.5%
6			10		2	0.37	0.01	0.04	0.01	0.11	0.12		100.0%	3.6%	9.8%	1.9%	29.2%	33.6%	0.19	0.01	0.02	0.01	0.05	0.04	51.1%	51.1%	3.0%	5.7%	1.6%	12.3%	11.2%
7			11		2	0.53	0.03	0.02	0.00	0.18	0.18		100.0%	6.4%	3.4%	0.7%	33.3%	33.9%	0.27	0.03	0.01	0.00	0.07	0.07	49.6%	49.6%	5.2%	1.9%	0.4%	13.7%	13.7%
8			12		2	0.55	0.04	0.03	0.00	0.18	0.18		100.0%	6.6%	4.7%	0.7%	33.6%	33.4%	0.27	0.03	0.01	0.00	0.07	0.08	49.6%	49.6%	5.5%	2.6%	0.4%	13.3%	13.9%
9			13		2	0.55	0.04	0.03	0.00	0.19	0.18		100.0%	6.5%	6.0%	0.7%	33.6%	32.7%	0.28	0.03	0.02	0.00	0.07	0.08	49.8%	49.8%	5.4%	3.4%	0.4%	13.2%	13.5%
10			18		2	0.50	0.03	0.01	0.01	0.16	0.17		100.0%	5.4%	1.4%	1.0%	32.7%	34.7%	0.26	0.02	0.01	0.00	0.07	0.07	50.9%	50.9%	4.2%	1.0%	0.6%	13.8%	13.4%
11			19		2	0.53	0.03	0.02	0.00	0.18	0.18		100.0%	6.4%	3.4%	0.7%	33.3%	33.9%	0.27	0.03	0.01	0.00	0.07	0.07	49.6%	49.6%	5.2%	1.9%	0.4%	13.7%	13.7%
12			20		2	0.49	0.02	0.08	0.00	0.13	0.19		100.0%	4.0%	17.0%	0.6%	26.3%	37.7%	0.24	0.02	0.05	0.00	0.05	0.08	49.4%	49.4%	3.0%	9.1%	0.4%	9.9%	16.0%
13			24		5	1.17	0.07	0.05	0.02	0.36	0.44		100.0%	6.2%	4.5%	1.8%	31.1%	37.7%	0.66	0.06	0.03	0.02	0.17	0.22	56.2%	56.2%	5.3%	2.8%	1.3%	14.5%	18.4%
14			25		5	1.42	0.09	0.03	0.02	0.51	0.49		100.0%	6.6%	2.0%	1.1%	36.0%	34.6%	0.84	0.08	0.01	0.01	0.26	0.25	58.8%	58.8%	5.6%	1.0%	0.6%	18.1%	17.7%
15			26		5	1.14	0.16	0.07	0.00	0.54	0.44		100.0%	13.8%	6.4%	0.4%	47.1%	38.6%	0.67	0.13	0.04	0.00	0.27	0.25	58.5%	58.5%	11.6%	3.8%	0.2%	23.6%	21.6%
16			27		5	1.23	0.10	0.17	0.01	0.47	0.44		100.0%	8.2%	13.9%	0.6%	38.4%	36.1%	0.73	0.08	0.06	0.00	0.23	0.25	59.0%	59.0%	6.7%	4.8%	0.2%	18.8%	20.1%
17			28		5	1.33	0.09	0.31	0.01	0.45	0.58		100.0%	6.5%	23.5%	0.4%	33.5%	43.5%	0.81	0.07	0.17	0.00	0.22	0.28	60.8%	60.8%	5.3%	12.5%	0.2%	16.4%	20.7%
18			34		5	1.30	0.08	0.06	0.02	0.43	0.48		100.0%	6.1%	4.6%	1.5%	33.3%	36.9%	0.76	0.07	0.04	0.01	0.21	0.23	58.4%	58.4%	5.4%	2.7%	0.9%	16.2%	17.8%
19			35		5	1.30	0.12	0.05	0.01	0.54	0.46		100.0%	8.9%	3.6%	0.5%	41.1%	35.2%	0.75	0.10	0.02	0.00	0.27	0.23	57.6%	57.6%	7.7%	1.8%	0.3%	21.0%	17.7%
20			36		5	1.19	0.16	0.04	0.00	0.55	0.49		100.0%	13.7%	3.6%	0.3%	45.8%	41.2%	0.71	0.14	0.02	0.00	0.27	0.30	59.7%	59.7%	11.4%	1.7%	0.2%	22.7%	24.9%
21			37		5	1.34	0.09	0.26	0.01	0.48	0.53		100.0%	6.9%	19.7%	0.4%	35.9%	39.7%	0.82	0.07	0.10	0.00	0.24	0.26	61.6%	61.6%	5.4%	7.6%	0.2%	18.0%	19.7%
22			256		1	0.31	0.00	0.04	0.00	0.02	0.22		100.0%	0.3%	11.7%	0.3%	4.9%	70.8%	0.14	0.00	0.03	0.00	0.01	0.09	46.4%	46.4%	0.3%	8.1%	0.3%	1.9%	30.2%
23			258		1	0.31	0.00	0.04	0.00	0.01	0.21		100.0%	0.7%	12.7%	0.3%	4.6%	68.4%	0.13	0.00	0.03	0.00	0.01	0.09	43.0%	43.0%	0.3%	8.5%	0.3%	1.6%	28.3%
24			260		1	0.28	0.00	0.04	0.00	0.01	0.19		100.0%	0.7%	12.9%	0.4%	5.0%	67.7%	0.13	0.00	0.02	0.00	0.01	0.08	45.9%	45.9%	0.4%	7.9%	0.4%	1.8%	29.0%
25			262		1	0.30	0.00	0.05	0.00	0.01	0.20		100.0%	0.7%	15.9%	0.7%	4.7%	68.6%	0.13	0.00	0.03	0.00	0.01	0.08	43.2%	43.2%	0.7%	8.4%	0.7%	1.7%	26.0%
26			264		1	0.28	0.00	0.06	0.00	0.01	0.19		100.0%	0.4%	19.7%	0.7%	4.7%	69.5%	0.13	0.00	0.03	0.00	0.01	0.08	44.8%	44.8%	0.4%	10.0%	0.7%	1.8%	28.7%
27			266		2	0.59	0.00	0.02	0.01	0.03	0.47		100.0%	0.5%	2.7%	0.9%	5.5%	80.6%	0.28	0.00	0.01	0.00	0.01	0.21	47.2%	47.2%	0.3%	1.4%	0.7%	2.0%	35.6%
28			267		2	0.83	0.00	0.01	0.00	0.05	0.63		100.0%	0.2%	1.4%	0.2%	5.8%	76.2%	0.43	0.00	0.01	0.00	0.02	0.31	52.2%	52.2%	0.2%	0.8%	0.2%	2.4%	37.4%
29			268		2	0.76	0.00	0.06	0.00	0.05	0.54		100.0%	0.3%	7.9%	0.0%	6.2%	71.7%	0.40	0.00	0.04	0.00	0.02	0.25	53.0%	53.0%	0.1%	5.5%	0.0%	2.5%	32.8%
30			269		2	0.58	0.00	0.12	0.00	0.03	0.44		100.0%	0.2%	21.3%	0.2%	5.9%	76.8%	0.30	0.00	0.09	0.00	0.01	0.20	51.9%	51.9%	0.2%	14.7%	0.2%	2.4%	34.6%
31			274		2	0.80	0.00	0.02	0.00	0.05	0.62		100.0%	0.2%	2.4%	0.2%	5.7%	77.5%	0.42	0.00	0.01	0.00	0.02	0.31	52.0%	52.0%	0.2%	1.5%	0.2%	2.4%	38.4%
32	J	Patch	275		2	0.84	0.00	0.02	0.00	0.05	0.60		100.0%	0.2%	2.9%	0.1%	6.2%	71.5%	0.45	0.00	0.02	0.00	0.02	0.28	53.0%	53.0%	0.2%	1.8%	0.1%	2.5%	33.5%
33			276		2	0.79	0.00	0.14	0.00	0.05	0.57		100.0%	0.4%	18.1%	0.0%	6.1%	72.1%	0.42	0.00	0.07	0.00	0.02	0.27	52.9%	52.9%	0.3%	9.0%	0.0%	2.5%	33.8%
34			280		5	1.87	0.01	0.06	0.02	0.13	1.74		100.0%	0.5%	3.1%	1.2%	6.7%	93.1%	1.00	0.01	0.03	0.02	0.06	0.96	53.3%	53.3%	0.3%	1.8%	1.0%	2.9%	51.3%
35			281		5	2.00	0.01	0.03	0.00	0.16	1.59		100.0%	0.4%	1.4%	0.1%	8.1%	79.4%	1.18	0.01	0.02	0.00	0.08	0.93	58.9%	58.9%	0.3%	0.8%	0.1%	3.8%	46.2%
36			282		5	2.02	0.01	0.03	0.00	0.20	1.53		100.0%	0.4%	1.4%	0.1%	9.7%	75.5%	1.27	0.01	0.02	0.00	0.09	0.91	62.7%	62.7%	0.3%	0.7%	0.1%	4.6%	45.0%
37			283		5	2.04	0.01	0.22	0.00	0.20	1.52		100.0%	0.5%	10.6%	0.0%	9.7%	74.6%	1.26	0.01	0.09	0.00	0.09	0.89	61.8%	61.8%	0.4%	4.3%	0.0%	4.6%	43.8%
38			284		5	1.73	0.01	0.64	0.00	0.13	1.50		100.0%	0.4%	37.1%	0.1%	7.6%	86.6%	0.96	0.00	0.39	0.00	0.06	0.80	55.3%	55.3%	0.2%	22.5%	0.1%	3.5%	46.2%
39			290		5	1.95	0.01	0.02	0.01	0.14	1.68		100.0%	0.4%	0.8%	0.5%	7.2%	86.0%	1.10	0.01	0.01	0.01	0.06	0.95	56.1%	56.1%	0.3%	0.5%	0.4%	3.2%	48.7%
40			291		5	2.00	0.01	0.05	0.00	0.18	1.53		100.0%	0.5%	2.3%	0.2%	9.1%	76.5%	1.22	0.01	0.03	0.00	0.09	0.90	61.1%	61.1%	0.4%	1.4%	0.1%	4.3%	44.8%
41			292		5	2.02	0.01	0.04	0.00	0.20	1.51		100.0%	0.4%	1.8%	0.0%	9.9%	75.0%	1.28	0.01	0.02	0.00	0.10	0.90	63.2%	63.2%	0.3%	1.1%	0.0%	4.7%	44.7%
42			293		5	1.95	0.01	0.41	0.00	0.17	1.50		100.0%	0.4%	21.0%	0.1%	8.6%	76.8%	1.16	0.01	0.24	0.00	0.08	0.86	59.1%	59.1%	0.3%	12.0%	0.1%	3.9%	43.8%
43			0	256	2	0.57	0.01	0.06	0.00	0.08	0.35		100.0%	2.4%	10.3%	0.7%	13.1%	61.1%	0.25	0.01	0.04	0.00	0.03	0.15	43.0%	43.0%	2.1%	7.0%	0.5%	5.4%	26.0%
44			2	258	2	0.52	0.01	0.08	0.01	0.07	0.30		100.0%	1.9%	14.9%	1.0%	13.5%	58.6%	0.21	0.01	0.05	0.00	0.03	0.14	39.8%	39.8%	1.5%	9.9%	0.8%	4.8%	26.3%
45			4	260	2	0.50	0.01	0.08	0.00	0.07	0.28		100.0%	2.0%	15.6%	0.8%	14.0%	55.9%	0.21	0.01	0.05	0.00	0.03	0.11	41.5%	41.5%	1.6%	9.2%	0.6%	5.2%	22.2%
46			6	262	2	0.54	0.01	0.10	0.00	0.06	0.30		100.0%	2.0%	19.3%	0.7%	10.8%	56.3%	0.22	0.01	0.05	0.00	0.02	0.13	40.1%	40.1%	1.7%	10.0%	0.7%	4.1%	23.6%
47			8	264	2	0.53	0.01	0.13	0.00	0.06	0.32		100.0%	2.3%	24.9%	0.8%	11.7%	59.5%	0.22	0.01	0.07	0.00	0.02	0.13	42.0%	42.0%	1.9%	12.4%	0.8%	4.5%	25.0%
48			10	266	4	1.16	0.02	0.07	0.01	0.16	0.83		100.0%	1.6%	6.4%	1.0%	13.9%	71.5%	0.50	0.02	0.04	0.01	0.06	0.34	43.0%	43.0%	1.4%	3.6%	1.0%	5.4%	29.3%
49			11	267	4	1.46	0.04	0.02	0.01	0.24	0.94		100.0%	2.8%	1.5%	0.5%	16.3%	64.8%	0.70	0.04	0.01	0.00	0.10	0.45	47.7%	47.7%	2.4%	0.8%	0.3%	6.9%	31.0%
50			12	268	4	1.33	0.04	0.09	0.01	0.23	0.77		100.0%	3.2%	6.8%	0.4%	17.5%	58.1%	0.64	0.04	0.06	0.00	0.09	0.35	48.4%	48.4%	2.6%	4.6%	0.2%	6.9%	26.0%
51			13	269	4	1.22	0.04	0.17	0.01	0.23	0.70		100.0%	3.4%	14.2%	0.4%	18.7%	57.1%	0.57	0.04	0.12	0.00	0.09	0.30	46.8%	46.8%	2.9%	9.6%	0.2%	7.1%	24.8%
52			18	274	4	1.49	0.03	0.03	0.01	0.24	0.98		100.0%	2.2%	2.1%	0.7%	15.8%	65.4%	0.72	0.03	0.02	0.01	0.10	0.47	48.0%	48.0%	1.8%	1.3%	0.4%	6.7%	31.5%
53			19	275	4	1.41	0.04	0.05	0.01	0.23	0.89		100.0%	2.8%	3.3%	0.4%	16.5%	63.1%	0.68	0.03	0.03	0.00	0.10	0.41	48.3%	48.3%	2.3%	2.1%	0.2%	7.0%	29.2%
54			20	276	4	1.45	0.02	0.31	0.00	0.18	0.90		100.0%	1.5%	21.1%	0.3%	12.5%	62.5%	0.71	0.02	0.16	0.00	0.07	0.42	48.9%	48.9%	1.2%	10.7%	0.2%	4.7%	29.0%
55			24	280	10	3.79	0.10	0.10	0.05	0.63	2.70		100.0%	2.5%	2.7%	1.2%	16.7%	71.4%	1.95	0.08	0.06	0.03	0.28	1.47	51.5%	51.5%	2.2%	1.6%	0.9%	7.4%	38.8%
56			25	281	10	3.63	0.10	0.07	0.03	0.75	2.41		100.0%	2.8%	2.0%	0.7%	20.8%	66.4%	2.08	0.09	0.04	0.01	0.38	1.34	57.3%	57.3%	2.3%	1.0%	0.4%	10.6%	37.0%
57			26	282	10	3.08	0.18	0.14	0.01	0.72	2.12		100.0%	5.7%	4.6%	0.2%	23.2%	68.7%	1.82	0.15	0.07	0.01	0.37	1.27	59.0%	59.0%	4.8%	2.4%	0.2%	11.9%	41.1%
58			27	283	10	3.26	0.11	0.36	0.01	0.71	2.04		100.0%	3.4%	10.9%	0.3%	21.8%	62.6%	1.93	0.09	0.16	0.01	0.36	1.17	59.2%	59.2%	2.8%	5.0%	0.2%	10.9%	35.8%
59			28	284	10	3.53	0.10	1.08	0.01	0.69	2.35		100.0%	2.8%	30.8%	0.3%	19.5%	66.8%	1.96	0.08	0.64	0.01	0.31	1.26	55.5%	55.5%	2.3%	18.2%	0.2%	8.7%	35.7%
60			34	290	10	3.74	0.10	0.09	0.04	0.69	2.57		100.0%	2.5%	2.3%	1.1%	18.4%	68.5%	2.06	0.08	0.05	0.02	0.32	1.42	54.9%	54.9%	2.2%	1.4%	0.6%	8.5%	38.0%
61			35	291	10	3.32	0.13	0.12	0.01	0.74	2.21		100.0%	3.8%	3.7%	0.4%	22.4%	66.7%	1.92	0.11	0.07	0.01	0.39	1.26	57.9%	57.9%	3.3%	2.1%	0.2%	11.8%	37.9%
62			36	292	10	3.13	0.17	0.09	0.01	0.75	2.07		100.0%	5.4%	2.8%	0.2%	23.9%	66.0%	1.88	0.14	0.05	0.00	0.37	1.25	60.1%	60.1%	4.5%	1.7%	0.1%	11.9%	39.9%
63			37	293	10	3.49	0.11	0.72	0.01	0.74	2.20		100.0%	3.0%	20.7%	0.2%	21.1%	63.1%	2.04	0.08	0.41	0.01	0.36	1.25	58.3%	58.3%	2.4%	11.7%	0.1%	10.4%	35.9%

- Table 3-3, PD of Ant J – patch antenna (28GHz – n261)

[Folder Open Status]

- Low CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	max ratio out of all beams: 100.0% ratio (Right 2mm)/(worst-surface 2mm)	0.4% ratio (Left 2mm)/(worst-surface 2mm)	45.9% ratio (Top 2mm)/(worst-surface 2mm)	2.2% ratio (Bottom 2mm)/(worst-surface 2mm)	84.7% ratio (Fornt 2mm)/(worst-surface 2mm)	52.4% ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	max ratio out of all beams: 63.3% ratio worst-surface (10mm/2mm)	63.3% ratio (Right 10mm)/(worst-surface 2mm)	0.4% ratio (Left 10mm)/(worst-surface 2mm)	27.3% ratio (Top 10mm)/(worst-surface 2mm)	1.9% ratio (Bottom 10mm)/(worst-surface 2mm)	38.2% ratio (Front 10mm)/(worst-surface 2mm)	28.0% ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.28	0.00	0.01	0.00	0.19	0.10		100.0%	0.0%	3.9%	0.4%	68.1%	36.9%	0.13	0.00	0.01	0.00	0.07	0.04	47.5%	47.5%	0.0%	2.5%	0.4%	23.4%	14.2%
2			2		1	0.25	0.00	0.01	0.00	0.18	0.09		100.0%	0.0%	5.1%	0.0%	69.6%	35.2%	0.12	0.00	0.01	0.00	0.06	0.03	46.6%	46.6%	0.0%	3.2%	0.0%	23.7%	13.0%
3			4		1	0.25	0.00	0.02	0.00	0.18	0.09		100.0%	0.0%	6.7%	0.0%	70.5%	36.2%	0.12	0.00	0.01	0.00	0.06	0.04	47.6%	47.6%	0.0%	3.5%	0.0%	24.4%	13.8%
4			6		1	0.25	0.00	0.03	0.00	0.18	0.09		100.0%	0.0%	10.6%	0.0%	69.7%	35.8%	0.12	0.00	0.01	0.00	0.06	0.03	46.9%	46.9%	0.0%	5.5%	0.0%	24.0%	13.4%
5			8		1	0.27	0.00	0.04	0.00	0.18	0.10		100.0%	0.0%	15.8%	0.0%	68.0%	37.2%	0.13	0.00	0.02	0.00	0.06	0.04	47.4%	47.4%	0.0%	7.1%	0.0%	23.7%	14.3%
6			10		2	0.33	0.00	0.06	0.00	0.22	0.12		100.0%	0.3%	17.9%	0.3%	65.7%	37.1%	0.16	0.00	0.03	0.00	0.08	0.05	49.5%	49.5%	0.3%	9.7%	0.3%	25.2%	15.8%
7			11		2	0.71	0.00	0.01	0.00	0.51	0.29		100.0%	0.1%	1.7%	0.0%	72.2%	41.0%	0.41	0.00	0.01	0.00	0.21	0.13	56.9%	56.9%	0.1%	1.0%	0.0%	29.4%	17.8%
8			12		2	0.55	0.00	0.13	0.00	0.40	0.24		100.0%	0.2%	22.9%	0.0%	72.0%	43.3%	0.31	0.00	0.06	0.00	0.16	0.11	56.5%	56.5%	0.1%	11.3%	0.0%	29.3%	19.1%
9			13		2	0.42	0.00	0.06	0.00	0.31	0.18		100.0%	0.2%	13.5%	0.2%	73.6%	42.0%	0.24	0.00	0.03	0.00	0.12	0.08	55.8%	55.8%	0.1%	7.8%	0.2%	29.5%	17.8%
10			18		2	0.69	0.00	0.01	0.00	0.50	0.28		100.0%	0.1%	0.9%	0.2%	72.2%	41.3%	0.39	0.00	0.00	0.00	0.20	0.12	56.9%	56.9%	0.1%	0.4%	0.2%	29.4%	17.9%
11			19		2	0.67	0.00	0.03	0.00	0.49	0.28		100.0%	0.1%	4.9%	0.2%	72.2%	40.9%	0.38	0.00	0.02	0.00	0.20	0.12	56.5%	56.5%	0.1%	2.7%	0.2%	29.3%	17.5%
12			20		2	0.39	0.00	0.08	0.00	0.28	0.17		100.0%	0.3%	20.2%	0.3%	71.7%	42.6%	0.22	0.00	0.04	0.00	0.11	0.07	55.1%	55.1%	0.3%	11.0%	0.3%	28.8%	18.4%
13			24		5	0.55	0.00	0.04	0.01	0.38	0.23		100.0%	0.4%	7.8%	1.1%	69.4%	42.0%	0.25	0.00	0.02	0.01	0.13	0.09	45.4%	45.4%	0.4%	4.3%	0.9%	23.5%	17.0%
14			25		5	1.50	0.01	0.03	0.00	1.09	0.63		100.0%	0.4%	1.7%	0.2%	72.3%	42.0%	0.88	0.01	0.02	0.00	0.48	0.33	58.5%	58.5%	0.4%	1.1%	0.2%	32.1%	21.9%
15			26		5	1.73	0.01	0.03	0.00	1.32	0.81		100.0%	0.4%	1.8%	0.0%	76.4%	46.6%	1.09	0.01	0.02	0.00	0.66	0.45	63.1%	63.1%	0.3%	1.2%	0.0%	38.2%	25.9%
16			27		5	1.59	0.01	0.32	0.00	1.18	0.73		100.0%	0.4%	20.0%	0.0%	73.9%	45.8%	1.00	0.01	0.13	0.00	0.55	0.39	62.6%	62.6%	0.4%	8.2%	0.0%	34.5%	24.5%
17			28		5	0.86	0.00	0.31	0.00	0.59	0.35		100.0%	0.1%	36.2%	0.1%	68.3%	41.0%	0.42	0.00	0.19	0.00	0.23	0.17	48.6%	48.6%	0.1%	21.9%	0.1%	26.6%	19.2%
18			34		5	1.10	0.00	0.03	0.00	0.77	0.45		100.0%	0.4%	2.6%	0.4%	70.2%	40.8%	0.59	0.00	0.02	0.00	0.32	0.22	53.6%	53.6%	0.4%	1.6%	0.4%	29.3%	19.8%
19			35		5	1.67	0.01	0.03	0.00	1.24	0.73		100.0%	0.4%	1.5%	0.1%	74.3%	43.5%	1.02	0.01	0.02	0.00	0.55	0.38	61.0%	61.0%	0.4%	1.0%	0.1%	33.2%	23.0%
20			36		5	1.68	0.01	0.09	0.00	1.28	0.78		100.0%	0.4%	5.2%	0.1%	76.2%	46.5%	1.06	0.01	0.02	0.00	0.62	0.43	63.3%	63.3%	0.4%	1.3%	0.1%	37.0%	25.5%
21			37		5	1.14	0.00	0.38	0.00	0.79	0.48		100.0%	0.1%	33.6%	0.1%	69.2%	42.0%	0.61	0.00	0.23	0.00	0.32	0.23	53.6%	53.6%	0.1%	20.2%	0.1%	28.5%	20.4%
22			256		1	0.31	0.00	0.02	0.00	0.22	0.13		100.0%	0.2%	6.1%	0.6%	70.7%	40.1%	0.14	0.00	0.01	0.00	0.07	0.05	44.3%	44.3%	0.2%	4.1%	0.6%	22.9%	15.5%
23			258		1	0.35	0.00	0.03	0.00	0.24	0.13		100.0%	0.3%	7.5%	0.6%	67.7%	36.9%	0.14	0.00	0.02	0.00	0.07	0.04	39.2%	39.2%	0.3%	4.9%	0.6%	19.0%	12.4%
24			260		1	0.34	0.00	0.03	0.00	0.23	0.13		100.0%	0.4%	9.8%	0.6%	68.0%	38.2%	0.14	0.00	0.02	0.00	0.07	0.05	41.4%	41.4%	0.4%	6.2%	0.6%	20.4%	13.5%
25			262		1	0.35	0.00	0.05	0.00	0.24	0.13		100.0%	0.0%	14.0%	0.6%	67.7%	37.1%	0.14	0.00	0.03	0.00	0.06	0.04	40.3%	40.3%	0.0%	7.7%	0.6%	17.7%	12.6%
26			264		1	0.32	0.00	0.05	0.00	0.22	0.13		100.0%	0.0%	16.8%	0.6%	68.5%	39.6%	0.14	0.00	0.03	0.00	0.07	0.05	42.7%	42.7%	0.0%	8.1%	0.6%	21.5%	14.3%
27			266		2	0.50	0.00	0.14	0.01	0.39	0.21		100.0%	0.2%	28.8%	1.6%	77.6%	42.1%	0.18	0.00	0.08	0.01	0.11	0.08	36.5%	36.5%	0.2%	15.7%	1.4%	22.8%	15.3%
28			267		2	0.81	0.00	0.02	0.00	0.56	0.36		100.0%	0.1%	2.2%	0.4%	69.3%	44.4%	0.42	0.00	0.01	0.00	0.20	0.15	51.9%	51.9%	0.1%	0.9%	0.4%	25.1%	18.4%
29			268		2	0.81	0.00	0.05	0.00	0.55	0.35		100.0%	0.1%	6.5%	0.0%	68.1%	43.2%	0.43	0.00	0.04	0.00	0.21	0.15	53.0%	53.0%	0.1%	4.3%	0.0%	25.7%	18.0%
30			269		2	0.57	0.00	0.12	0.01	0.40	0.24		100.0%	0.2%	20.1%	0.9%	70.3%	42.4%	0.26	0.00	0.07	0.01	0.13	0.09	44.7%	44.7%	0.2%	12.9%	0.9%	23.0%	16.4%
31			274		2	0.78	0.00	0.02	0.00	0.56	0.35		100.0%	0.1%	2.4%	0.6%	72.4%	44.7%	0.36	0.00	0.01	0.00	0.20	0.13	46.6%	46.6%	0.1%	1.4%	0.6%	25.3%	17.1%
32	J	Patch	275		2	0.84	0.00	0.08	0.00	0.57	0.36		100.0%	0.1%	9.9%	0.2%	67.9%	43.3%	0.44	0.00	0.05	0.00	0.21	0.15	52.6%	52.6%	0.1%	5.6%	0.2%	25.3%	18.1%
33			276		2	0.59	0.00	0.16	0.01	0.41	0.25		100.0%	0.2%	27.3%	1.0%	69.5%	43.0%	0.26	0.00	0.09	0.01	0.13	0.09	45.1%	45.1%	0.2%	15.9%	0.9%	22.9%	16.0%
34			280		5	1.94	0.00	0.06	0.04	1.58	0.97		100.0%	0.1%	3.2%	2.1%	81.2%	50.1%	0.93	0.00	0.04	0.04	0.65	0.43	47.8%	47.8%	0.1%	2.1%	1.8%	33.3%	22.0%
35			281		5	1.88	0.00	0.03	0.00	1.35	0.95		100.0%	0.2%	1.5%	0.2%	71.8%	50.4%	1.07	0.00	0.02	0.00	0.63	0.49	56.6%	56.6%	0.1%	1.0%	0.2%	33.3%	25.9%
36			282		5	1.88	0.00	0.04	0.00	1.29	0.86		100.0%	0.1%	2.2%	0.1%	68.8%	45.9%	1.05	0.00	0.02	0.00	0.57	0.46	56.2%	56.2%	0.1%	1.2%	0.1%	30.4%	24.6%
37			283		5	1.97	0.00	0.32	0.00	1.37	0.94		100.0%	0.1%	16.0%	0.1%	69.6%	47.6%	1.17	0.00	0.14	0.00	0.62	0.50	59.1%	59.1%	0.1%	6.9%	0.1%	31.3%	25.2%
38			284		5	1.57	0.00	0.72	0.01	1.20	0.76		100.0%	0.3%	45.9%	0.3%	76.0%	48.2%	0.76	0.00	0.43	0.00	0.48	0.33	48.0%	48.0%	0.2%	27.3%	0.3%	30.4%	20.9%
39			290		5	2.03	0.00	0.07	0.03	1.57	1.02		100.0%	0.1%	3.2%	1.3%	77.4%	50.3%	1.04	0.00	0.04	0.02	0.69	0.48	51.4%	51.4%	0.1%	1.8%	1.1%	33.8%	23.9%
40			291		5	1.89	0.00	0.04	0.00	1.36	0.94		100.0%	0.1%	1.9%	0.2%	71.8%	49.8%	1.16	0.00	0.02	0.00	0.63	0.51	61.1%	61.1%	0.1%	1.1%	0.2%	33.4%	27.1%
41			292		5	1.83	0.00	0.08	0.00	1.29	0.86		100.0%	0.1%	4.1%	0.2%	70.1%	47.1%	1.08	0.00	0.04	0.00	0.58	0.47	58.7%	58.7%	0.1%	2.3%	0.2%	31.7%	25.5%
42			293		5	1.94	0.00	0.57	0.00	1.38	0.89		100.0%	0.1%	29.2%	0.1%	71.3%	45.7%	1.00	0.00	0.34	0.00	0.57	0.42	51.4%	51.4%	0.1%	17.7%	0.1%	29.5%	21.7%
43			0	256	2	0.61	0.00	0.03	0.00	0.44	0.24		100.0%	0.1%	4.2%	0.5%	71.0%	39.6%	0.28	0.00	0.02	0.00	0.14	0.09	46.0%	46.0%	0.1%	3.1%	0.5%	23.3%	15.2%
44			2	258	2	0.62	0.00	0.04	0.00	0.45	0.24		100.0%	0.2%	6.2%	0.5%	72.4%	39.2%	0.26	0.00	0.03	0.00	0.14	0.08	42.1%	42.1%	0.2%	4.1%	0.5%	22.0%	13.7%
45			4	260	2	0.60	0.00	0.05	0.00	0.45	0.25		100.0%	0.2%	9.0%	0.5%	74.5%	41.0%	0.27	0.00	0.03	0.00	0.15	0.09	44.1%	44.1%	0.2%	5.3%	0.5%	24.2%	15.4%
46			6	262	2	0.62	0.00	0.08	0.00	0.45	0.24		100.0%	0.2%	13.3%	0.5%	72.7%	39.0%	0.26	0.00	0.04	0.00	0.13	0.08	42.5%	42.5%	0.2%	7.0%	0.5%	21.1%	13.5%
47			8	264	2	0.61	0.00	0.11	0.00	0.46	0.27		100.0%	0.2%	17.5%	0.3%	76.6%	45.2%	0.27	0.00	0.05	0.00	0.16	0.11	44.6%	44.6%	0.2%	8.3%	0.3%	26.2%	17.5%
48			10	266	4	0.86	0.00	0.24	0.01	0.73	0.39		100.0%	0.2%	27.7%	1.3%	84.0%	45.0%	0.35	0.00	0.13	0.01	0.24	0.16	40.3%	40.3%	0.2%	15.0%	1.0%	27.8%	18.2%
49			11	267	4	1.47	0.00	0.03	0.00	1.05	0.63		100.0%	0.1%	2.2%	0.3%	71.6%	43.1%	0.79	0.00	0.02	0.00	0.41	0.29	54.0%	54.0%	0.1%	1.2%	0.2%	28.2%	19.6%
50			12	268	4	1.25	0.00	0.19	0.00	0.88	0.53		100.0%	0.2%	15.0%	0.1%	70.6%	41.9%	0.62	0.00	0.10	0.00	0.34	0.23	49.3%	49.3%	0.2%	8.1%	0.1%	26.8%	18.3%
51			13	269	4	1.07	0.00	0.18	0.01	0.78	0.51		100.0%	0.2%	16.8%	0.7%	73.2%	47.4%	0.51	0.00	0.11	0.01	0.29	0.20	47.2%	47.2%	0.2%	10.6%	0.6%	26.8%	18.9%
52			18	274	4	1.50	0.00	0.02	0.01	1.12	0.68		100.0%	0.2%	1.5%	0.5%	74.8%	45.5%	0.76	0.00	0.01	0.01	0.43	0.28	50.7%	50.7%	0.2%	0.9%	0.4%	28.8%	18.8%
53			19	275	4	1.41	0.00	0.11	0.01	0.99	0.60		100.0%	0.1%	7.9%	0.5%	69.9%	42.8%	0.76	0.00	0.07	0.00	0.38	0.27	53.9%	53.9%	0.1%	4.7%	0.3%	27.3%	19.3%
54			20	276	4	1.06	0.00	0.26	0.01	0.76	0.49		100.0%	0.2%	24.5%	0.8%	71.1%	46.2%	0.50	0.00	0.15	0.01	0.27	0.19	47.4%	47.4%	0.2%	13.8%	0.7%	25.4%	18.2%
55			24	280	10	2.66	0.01	0.14	0.06	2.12	1.39		100.0%	0.2%	5.1%	2.2%	79.8%	52.4%	1.25	0.01	0.08	0.05	0.84	0.62	47.0%	47.0%	0.2%	3.1%	1.9%	31.6%	23.1%
56			25	281	10	3.47	0.01	0.05	0.01	2.90	1.81		100.0%	0.3%	1.5%	0.2%	83.6%	52.3%	1.97	0.01	0.03	0.01	1.30	0.93	56.6%	56.6%	0.3%	0.8%	0.2%	37.5%	26.8%
57			26	282	10	3.69	0.01	0.08	0.00	2.83	1.88		100.0%	0.2%	2.0%	0.1%	76.7%	51.0%	2.22	0.01	0.04	0.00	1.35	1.03	60.3%	60.3%	0.2%	1.2%	0.1%	36.6%	28.0%
58			27	283	10	3.69	0.01	0.67	0.00	2.67	1.82		100.0%	0.2%	18.1%	0.1%	72.1%	49.3%	2.25	0.01	0.30	0.00	1.27	1.00	60.8%	60.8%	0.2%	8.0%	0.1%	34.3%	27.0%
59			28	284	10	2.67	0.00	1.14	0.01	1.87	1.39		100.0%	0.2%	42.8%	0.2%	70.0%	52.3%	1.29	0.00	0.67	0.01	0.75	0.63	48.4%	48.4%	0.2%	25.3%	0.2%	28.2%	23.5%
60			34	290	10	3.24	0.01	0.11	0.04	2.74	1.59		100.0%	0.2%	3.5%	1.1%	84.7%	49.1%	1.68	0.01	0.07	0.03	1.15	0.75	51.7%	51.7%	0.2%	2.0%	0.9%	35.5%	23.1%
61			35	291	10	3.69	0.01	0.07	0.00	2.92	1.93		100.0%	0.3%	2.0%	0.1%	79.2%	52.2%	2.25	0.01	0.04	0.00	1.33	1.03	60.9%	60.9%	0.3%	1.2%	0.1%	36.1%	27.8%
62			36	292	10	3.60	0.01	0.18	0.01	2.68	1.80		100.0%	0.3%	5.0%	0.1%	74.6%	50.1%	2.20	0.01	0.07	0.00	1.28	0.99	61.3%	61.3%	0.3%	1.9%	0.1%	35.7%	27.6%
63			37	293	10	3.31	0.00	1.04	0.00	2.37	1.58		100.0%	0.1%	31.3%	0.1%	71.7%	47.6%	1.70	0.00	0.62	0.00	0.98	0.78	51.4%	51.4%	0.1%	18.6%	0.1%	29.5%	23.5%

- Mid CH

													max ratio out of all beams													max ratio out of all beams						
						4cm2 PD(mW/cm2)							100.0%	0.5%	45.3%	2.1%	85.9%	52.3%	4cm2 PD(mW/cm2) at 10mm evaluation distance						63.4%	63.4%	0.4%	27.2%	1.8%	37.6%	28.0%
No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.30	0.00	0.01	0.00	0.20	0.11		100.0%	0.0%	3.7%	0.3%	68.1%	36.6%	0.14	0.00	0.01	0.00	0.07	0.04	47.3%	47.3%	0.0%	2.3%	0.3%	23.2%	13.8%
2			2		1	0.27	0.00	0.01	0.00	0.18	0.09		100.0%	0.0%	5.3%	0.0%	69.2%	35.0%	0.13	0.00	0.01	0.00	0.06	0.03	47.0%	47.0%	0.0%	3.0%	0.0%	22.9%	12.8%
3			4		1	0.26	0.00	0.02	0.00	0.19	0.10		100.0%	0.0%	6.8%	0.0%	70.1%	36.0%	0.13	0.00	0.01	0.00	0.06	0.04	47.7%	47.7%	0.0%	3.8%	0.0%	23.9%	13.6%
4			6		1	0.27	0.00	0.03	0.00	0.19	0.10		100.0%	0.0%	10.4%	0.0%	69.4%	35.4%	0.13	0.00	0.02	0.00	0.06	0.04	46.6%	46.6%	0.0%	5.6%	0.0%	23.1%	13.1%
5			8		1	0.28	0.00	0.04	0.00	0.19	0.10		100.0%	0.0%	15.9%	0.0%	69.0%	36.1%	0.13	0.00	0.02	0.00	0.07	0.04	47.3%	47.3%	0.0%	7.6%	0.0%	23.8%	14.1%
6			10		2	0.36	0.00	0.06	0.00	0.24	0.13		100.0%	0.3%	17.7%	0.3%	66.3%	36.2%	0.18	0.00	0.03	0.00	0.09	0.06	49.2%	49.2%	0.3%	9.4%	0.3%	24.9%	15.5%
7			11		2	0.73	0.00	0.01	0.00	0.53	0.30		100.0%	0.1%	1.6%	0.0%	72.3%	41.0%	0.42	0.00	0.01	0.00	0.21	0.13	57.4%	57.4%	0.1%	0.8%	0.0%	29.0%	17.6%
8			12		2	0.57	0.00	0.13	0.00	0.42	0.24		100.0%	0.2%	22.9%	0.0%	72.6%	42.2%	0.33	0.00	0.07	0.00	0.17	0.11	56.7%	56.7%	0.2%	11.5%	0.0%	29.7%	18.7%
9			13		2	0.45	0.00	0.06	0.00	0.33	0.19		100.0%	0.2%	13.9%	0.2%	73.5%	41.8%	0.25	0.00	0.04	0.00	0.13	0.08	56.0%	56.0%	0.2%	8.1%	0.2%	29.2%	17.8%
10			18		2	0.71	0.00	0.01	0.00	0.52	0.29		100.0%	0.1%	0.8%	0.0%	72.3%	41.3%	0.41	0.00	0.00	0.00	0.21	0.13	57.3%	57.3%	0.1%	0.4%	0.0%	29.1%	17.7%
11			19		2	0.70	0.00	0.04	0.00	0.50	0.28		100.0%	0.1%	5.0%	0.0%	72.1%	40.8%	0.40	0.00	0.02	0.00	0.20	0.12	56.9%	56.9%	0.1%	2.6%	0.0%	28.9%	17.4%
12			20		2	0.41	0.00	0.09	0.00	0.30	0.18		100.0%	0.2%	20.6%	0.2%	72.4%	42.4%	0.23	0.00	0.05	0.00	0.12	0.08	55.2%	55.2%	0.2%	11.4%	0.2%	28.8%	18.2%
13			24		5	0.63	0.00	0.04	0.01	0.45	0.25		100.0%	0.5%	6.5%	1.0%	71.4%	39.9%	0.29	0.00	0.02	0.00	0.16	0.11	45.8%	45.8%	0.5%	3.7%	0.8%	25.3%	16.7%
14			25		5	1.58	0.01	0.03	0.00	1.15	0.66		100.0%	0.4%	1.7%	0.2%	72.9%	42.0%	0.93	0.01	0.02	0.00	0.51	0.34	59.0%	59.0%	0.4%	1.1%	0.2%	32.4%	21.8%
15			26		5	1.77	0.01	0.03	0.00	1.34	0.81		100.0%	0.3%	1.7%	0.0%	76.0%	46.0%	1.12	0.01	0.02	0.00	0.65	0.45	63.4%	63.4%	0.3%	1.1%	0.0%	36.8%	25.5%
16			27		5	1.65	0.01	0.32	0.00	1.22	0.75		100.0%	0.4%	19.5%	0.0%	74.2%	45.5%	1.03	0.01	0.13	0.00	0.58	0.40	62.9%	62.9%	0.4%	8.0%	0.0%	35.0%	24.4%
17			28		5	0.95	0.00	0.35	0.00	0.66	0.38		100.0%	0.1%	36.4%	0.1%	69.3%	40.3%	0.47	0.00	0.21	0.00	0.26	0.18	49.7%	49.7%	0.1%	22.0%	0.1%	27.7%	19.0%
18			34		5	1.19	0.00	0.03	0.00	0.84	0.48		100.0%	0.3%	2.5%	0.3%	70.7%	40.2%	0.65	0.00	0.02	0.00	0.36	0.24	54.3%	54.3%	0.3%	1.6%	0.3%	29.9%	19.9%
19			35		5	1.72	0.01	0.03	0.00	1.29	0.75		100.0%	0.4%	1.7%	0.1%	74.8%	43.5%	1.05	0.01	0.02	0.00	0.57	0.39	61.3%	61.3%	0.3%	1.1%	0.0%	33.3%	22.9%
20			36		5	1.72	0.01	0.09	0.00	1.30	0.79		100.0%	0.4%	5.1%	0.1%	75.7%	45.9%	1.09	0.01	0.02	0.00	0.63	0.43	63.3%	63.3%	0.3%	1.2%	0.1%	36.6%	25.2%
21			37		5	1.23	0.00	0.41	0.00	0.86	0.51		100.0%	0.1%	33.6%	0.1%	69.8%	41.4%	0.67	0.00	0.25	0.00	0.36	0.25	54.5%	54.5%	0.1%	20.1%	0.1%	29.0%	20.3%
22			256		1	0.32	0.00	0.02	0.00	0.22	0.13		100.0%	0.0%	6.6%	0.6%	70.4%	39.6%	0.14	0.00	0.01	0.00	0.07	0.05	44.3%	44.3%	0.0%	4.4%	0.3%	22.3%	15.1%
23			258		1	0.35	0.00	0.03	0.00	0.24	0.13		100.0%	0.3%	7.1%	0.6%	67.8%	36.8%	0.14	0.00	0.02	0.00	0.07	0.04	39.3%	39.3%	0.3%	4.8%	0.6%	19.1%	12.5%
24			260		1	0.35	0.00	0.03	0.00	0.24	0.13		100.0%	0.0%	9.2%	0.6%	68.2%	38.2%	0.15	0.00	0.02	0.00	0.07	0.05	42.2%	42.2%	0.0%	5.8%	0.6%	20.2%	13.9%
25			262		1	0.36	0.00	0.05	0.00	0.24	0.13		100.0%	0.0%	13.5%	0.6%	67.7%	37.4%	0.15	0.00	0.03	0.00	0.07	0.05	40.7%	40.7%	0.0%	7.6%	0.6%	18.3%	12.6%
26			264		1	0.33	0.00	0.06	0.00	0.22	0.13		100.0%	0.0%	17.1%	0.6%	67.6%	39.4%	0.14	0.00	0.03	0.00	0.07	0.05	42.8%	42.8%	0.0%	8.3%	0.6%	20.8%	14.1%
27			266		2	0.51	0.00	0.15	0.01	0.39	0.21		100.0%	0.2%	28.2%	1.6%	75.7%	40.9%	0.18	0.00	0.08	0.01	0.12	0.08	35.6%	35.6%	0.2%	15.4%	1.4%	22.4%	15.2%
28			267		2	0.82	0.00	0.02	0.00	0.57	0.36		100.0%	0.1%	2.2%	0.4%	69.9%	44.2%	0.43	0.00	0.01	0.00	0.21	0.15	52.6%	52.6%	0.1%	0.9%	0.4%	25.5%	18.4%
29			268		2	0.82	0.00	0.05	0.00	0.56	0.35		100.0%	0.1%	5.9%	0.0%	68.2%	43.4%	0.44	0.00	0.03	0.00	0.21	0.15	53.6%	53.6%	0.1%	3.9%	0.0%	26.0%	18.2%
30			269		2	0.57	0.00	0.11	0.01	0.40	0.25		100.0%	0.2%	19.4%	0.9%	69.9%	43.0%	0.26	0.00	0.07	0.01	0.13	0.10	45.5%	45.5%	0.1%	12.8%	0.9%	22.9%	16.8%
31			274		2	0.78	0.00	0.02	0.01	0.57	0.35		100.0%	0.1%	2.6%	0.6%	72.7%	44.7%	0.37	0.00	0.01	0.01	0.20	0.13	47.4%	47.4%	0.1%	1.5%	0.6%	25.5%	17.2%
32	J	Patch	275		2	0.85	0.00	0.08	0.00	0.58	0.37		100.0%	0.1%	9.5%	0.0%	68.0%	43.4%	0.45	0.00	0.05	0.00	0.22	0.16	53.1%	53.1%	0.1%	5.4%	0.0%	25.7%	18.3%
33			276		2	0.59	0.00	0.16	0.01	0.40	0.26		100.0%	0.2%	26.5%	1.0%	68.4%	43.8%	0.27	0.00	0.09	0.01	0.13	0.10	46.0%	46.0%	0.2%	15.6%	0.8%	22.8%	16.6%
34			280		5	1.98	0.00	0.05	0.04	1.60	0.98		100.0%	0.1%	2.7%	2.1%	80.7%	49.5%	0.95	0.00	0.04	0.04	0.66	0.44	48.0%	48.0%	0.1%	1.8%	1.8%	33.1%	22.1%
35			281		5	1.88	0.00	0.03	0.00	1.35	0.94		100.0%	0.2%	1.8%	0.2%	72.0%	49.5%	1.07	0.00	0.02	0.00	0.63	0.49	57.1%	57.1%	0.1%	1.1%	0.2%	33.5%	25.8%
36			282		5	1.89	0.00	0.04	0.00	1.30	0.86		100.0%	0.1%	2.1%	0.1%	68.9%	45.6%	1.06	0.00	0.02	0.00	0.57	0.46	56.3%	56.3%	0.1%	1.1%	0.1%	30.3%	24.3%
37			283		5	1.98	0.00	0.31	0.00	1.37	0.95		100.0%	0.1%	15.7%	0.1%	69.5%	47.9%	1.18	0.00	0.13	0.00	0.62	0.50	59.5%	59.5%	0.1%	6.6%	0.1%	31.3%	25.4%
38			284		5	1.60	0.00	0.73	0.01	1.19	0.78		100.0%	0.2%	45.3%	0.3%	74.4%	48.7%	0.77	0.00	0.44	0.00	0.47	0.34	48.0%	48.0%	0.2%	27.2%	0.2%	29.4%	21.0%
39			290		5	2.03	0.00	0.07	0.02	1.56	1.01		100.0%	0.1%	3.2%	1.2%	76.8%	49.8%	1.05	0.00	0.04	0.02	0.68	0.48	51.8%	51.8%	0.1%	1.9%	1.0%	33.6%	23.7%
40			291		5	1.89	0.00	0.04	0.00	1.36	0.93		100.0%	0.1%	2.0%	0.2%	72.2%	49.4%	1.16	0.00	0.02	0.00	0.63	0.51	61.2%	61.2%	0.1%	1.2%	0.1%	33.4%	26.7%
41			292		5	1.84	0.00	0.08	0.00	1.29	0.86		100.0%	0.1%	4.3%	0.2%	69.8%	46.6%	1.08	0.00	0.05	0.00	0.58	0.47	58.4%	58.4%	0.1%	2.4%	0.2%	31.5%	25.3%
42			293		5	1.96	0.00	0.54	0.00	1.38	0.90		100.0%	0.1%	27.5%	0.1%	70.3%	45.7%	1.00	0.00	0.33	0.00	0.56	0.43	51.3%	51.3%	0.1%	16.7%	0.1%	28.8%	21.8%
43			0	256	2	0.64	0.00	0.03	0.00	0.45	0.25		100.0%	0.2%	3.9%	0.3%	70.3%	39.6%	0.29	0.00	0.02	0.00	0.15	0.10	45.9%	45.9%	0.2%	2.8%	0.3%	23.0%	15.1%
44			2	258	2	0.63	0.00	0.03	0.00	0.46	0.25		100.0%	0.2%	5.4%	0.5%	73.2%	39.3%	0.27	0.00	0.02	0.00	0.14	0.09	42.0%	42.0%	0.2%	3.5%	0.5%	22.4%	13.7%
45			4	260	2	0.62	0.00	0.05	0.00	0.47	0.26		100.0%	0.2%	7.9%	0.5%	76.1%	41.2%	0.28	0.00	0.03	0.00	0.15	0.10	44.4%	44.4%	0.2%	4.8%	0.5%	24.6%	15.3%
46			6	262	2	0.63	0.00	0.08	0.00	0.48	0.25		100.0%	0.2%	12.1%	0.5%	75.2%	39.1%	0.27	0.00	0.04	0.00	0.14	0.09	42.7%	42.7%	0.2%	6.6%	0.5%	21.6%	13.6%
47			8	264	2	0.62	0.00	0.11	0.00	0.49	0.28		100.0%	0.2%	17.0%	0.5%	78.4%	44.4%	0.27	0.00	0.05	0.00	0.17	0.11	44.3%	44.3%	0.2%	8.1%	0.3%	26.8%	17.1%
48			10	266	4	0.91	0.00	0.23	0.01	0.78	0.40		100.0%	0.2%	25.1%	1.2%	85.2%	44.3%	0.37	0.00	0.12	0.01	0.26	0.16	40.8%	40.8%	0.2%	13.6%	1.1%	28.2%	17.9%
49			11	267	4	1.50	0.00	0.03	0.00	1.07	0.65		100.0%	0.1%	2.2%	0.3%	71.4%	43.0%	0.82	0.00	0.02	0.00	0.42	0.29	54.6%	54.6%	0.1%	1.1%	0.2%	27.8%	19.4%
50			12	268	4	1.27	0.00	0.18	0.00	0.90	0.53		100.0%	0.2%	14.4%	0.1%	70.6%	41.7%	0.63	0.00	0.10	0.00	0.34	0.23	49.6%	49.6%	0.2%	7.8%	0.1%	26.9%	18.2%
51			13	269	4	1.05	0.00	0.16	0.01	0.84	0.51		100.0%	0.2%	15.5%	0.8%	80.0%	48.5%	0.51	0.00	0.10	0.01	0.31	0.21	49.1%	49.1%	0.2%	9.8%	0.7%	29.3%	19.9%
52			18	274	4	1.53	0.00	0.02	0.01	1.14	0.70		100.0%	0.1%	1.4%	0.4%	74.2%	45.9%	0.79	0.00	0.01	0.01	0.44	0.29	51.6%	51.6%	0.1%	0.8%	0.3%	28.9%	18.9%
53			19	275	4	1.45	0.00	0.11	0.00	1.01	0.62		100.0%	0.1%	7.5%	0.0%	69.5%	42.5%	0.79	0.00	0.07	0.00	0.39	0.28	54.3%	54.3%	0.1%	4.5%	0.0%	26.8%	19.1%
54			20	276	4	1.04	0.00	0.24	0.01	0.80	0.49		100.0%	0.2%	23.3%	0.8%	77.4%	47.7%	0.51	0.00	0.14	0.01	0.29	0.20	49.0%	49.0%	0.2%	13.2%	0.7%	28.0%	19.2%
55			24	280	10	2.73	0.01	0.11	0.06	2.30	1.30		100.0%	0.2%	4.2%	2.1%	84.3%	47.5%	1.31	0.01	0.07	0.05	0.93	0.58	47.8%	47.8%	0.2%	2.6%	1.8%	34.2%	21.4%
56			25	281	10	3.57	0.01	0.06	0.01	2.98	1.85		100.0%	0.3%	1.7%	0.2%	83.5%	51.6%	2.06	0.01	0.03	0.01	1.34	0.94	57.6%	57.6%	0.2%	1.0%	0.2%	37.6%	26.4%
57			26	282	10	3.72	0.01	0.07	0.00	2.91	1.89		100.0%	0.2%	2.0%	0.1%	78.4%	50.9%	2.25	0.01	0.04	0.00	1.37	1.04	60.6%	60.6%	0.2%	1.1%	0.1%	36.7%	28.0%
58			27	283	10	3.72	0.01	0.66	0.00	2.79	1.83		100.0%	0.2%	17.6%	0.1%	75.0%	49.2%	2.25	0.01	0.30	0.00	1.33	1.01	60.5%	60.5%	0.2%	8.1%	0.0%	35.8%	27.0%
59			28	284	10	2.59	0.01	1.08	0.01	2.07	1.33		100.0%	0.2%	41.6%	0.2%	79.8%	51.6%	1.27	0.01	0.64	0.01	0.86	0.61	48.9%	48.9%	0.2%	24.8%	0.2%	33.2%	23.5%
60			34	290	10	3.30	0.01	0.11	0.03	2.84	1.62		100.0%	0.3%	3.4%	0.9%	85.9%	48.9%	1.76	0.01	0.07	0.03	1.21	0.76	53.3%	53.3%	0.2%	2.0%	0.8%	36.5%	23.1%
61			35	291	10	3.75	0.01	0.07	0.00	3.01	1.96		100.0%	0.3%	1.9%	0.1%	80.1%	52.3%	2.30	0.01	0.05	0.00	1.37	1.04	61.3%	61.3%	0.3%	1.2%	0.1%	36.4%	27.9%
62			36	292	10	3.62	0.01	0.18	0.01	2.77	1.80		100.0%	0.3%	4.9%	0.1%	76.6%	49.9%	2.20	0.01	0.07	0.00	1.32	1.00	60.9%	60.9%	0.2%	2.0%	0.1%	36.4%	27.6%
63			37	293	10	3.25	0.00	0.99	0.00	2.48	1.57		100.0%	0.1%	30.3%	0.1%	76.2%	48.1%	1.68	0.00	0.59	0.00	1.06	0.78	51.8%	51.8%	0.1%	18.0%	0.1%	32.5%	23.8%

- High CH

													max ratio out of all beams													max ratio out of all beams						
						4cm2 PD(mW/cm2)							100.0%	0.4%	44.5%	2.0%	85.2%	52.4%	4cm2 PD(mW/cm2) at 10mm evaluation distance						63.9%	63.9%	0.4%	26.8%	1.8%	37.3%	27.9%
No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.31	0.00	0.01	0.00	0.21	0.11		100.0%	0.0%	3.9%	0.3%	68.0%	36.2%	0.15	0.00	0.01	0.00	0.07	0.04	46.9%	46.9%	0.0%	2.3%	0.3%	23.3%	13.6%
2			2		1	0.28	0.00	0.01	0.00	0.19	0.10		100.0%	0.0%	5.1%	0.0%	68.6%	34.7%	0.13	0.00	0.01	0.00	0.06	0.03	46.6%	46.6%	0.0%	3.2%	0.0%	22.4%	12.3%
3			4		1	0.27	0.00	0.02	0.00	0.19	0.10		100.0%	0.0%	7.0%	0.0%	70.0%	35.9%	0.13	0.00	0.01	0.00	0.06	0.04	48.0%	48.0%	0.0%	4.0%	0.0%	23.4%	13.6%
4			6		1	0.28	0.00	0.03	0.00	0.19	0.10		100.0%	0.0%	10.4%	0.0%	69.4%	35.3%	0.13	0.00	0.02	0.00	0.06	0.04	46.4%	46.4%	0.0%	5.4%	0.0%	22.7%	12.9%
5			8		1	0.29	0.00	0.05	0.00	0.20	0.10		100.0%	0.0%	16.4%	0.0%	69.7%	35.5%	0.14	0.00	0.02	0.00	0.07	0.04	47.4%	47.4%	0.0%	7.7%	0.0%	23.7%	13.6%
6			10		2	0.39	0.00	0.07	0.00	0.26	0.14		100.0%	0.3%	18.3%	0.3%	66.9%	35.4%	0.19	0.00	0.04	0.00	0.10	0.06	48.6%	48.6%	0.3%	9.8%	0.3%	24.8%	15.0%
7			11		2	0.75	0.00	0.01	0.00	0.54	0.31		100.0%	0.1%	1.7%	0.0%	72.4%	41.1%	0.43	0.00	0.01	0.00	0.22	0.13	57.4%	57.4%	0.1%	0.8%	0.0%	29.0%	17.8%
8			12		2	0.59	0.00	0.14	0.00	0.43	0.25		100.0%	0.2%	23.2%	0.0%	73.4%	42.0%	0.34	0.00	0.07	0.00	0.18	0.11	57.0%	57.0%	0.2%	11.5%	0.0%	29.6%	18.4%
9			13		2	0.47	0.00	0.07	0.00	0.34	0.19		100.0%	0.2%	13.9%	0.2%	73.6%	41.6%	0.26	0.00	0.04	0.00	0.13	0.08	55.8%	55.8%	0.2%	8.4%	0.2%	28.8%	17.8%
10			18		2	0.73	0.00	0.01	0.00	0.53	0.30		100.0%	0.1%	0.8%	0.0%	72.5%	41.3%	0.42	0.00	0.00	0.00	0.21	0.13	57.2%	57.2%	0.1%	0.4%	0.0%	29.2%	17.9%
11			19		2	0.71	0.00	0.04	0.00	0.51	0.29		100.0%	0.1%	5.1%	0.0%	72.4%	41.1%	0.41	0.00	0.02	0.00	0.20	0.13	57.2%	57.2%	0.1%	2.7%	0.0%	28.7%	17.6%
12			20		2	0.43	0.00	0.09	0.00	0.32	0.18		100.0%	0.2%	20.9%	0.2%	73.3%	42.2%	0.24	0.00	0.05	0.00	0.12	0.08	55.2%	55.2%	0.2%	11.6%	0.2%	28.5%	18.1%
13			24		5	0.70	0.00	0.04	0.01	0.51	0.27		100.0%	0.4%	6.2%	1.0%	72.5%	38.8%	0.32	0.00	0.02	0.01	0.19	0.12	46.1%	46.1%	0.4%	3.4%	0.9%	26.5%	16.7%
14			25		5	1.63	0.01	0.03	0.00	1.19	0.68		100.0%	0.3%	1.8%	0.2%	73.3%	41.9%	0.96	0.01	0.02	0.00	0.53	0.36	59.1%	59.1%	0.3%	1.1%	0.1%	32.7%	21.8%
15			26		5	1.80	0.01	0.03	0.00	1.37	0.83		100.0%	0.3%	1.9%	0.0%	76.4%	46.0%	1.15	0.01	0.02	0.00	0.65	0.45	63.9%	63.9%	0.3%	1.0%	0.0%	36.0%	25.2%
16			27		5	1.68	0.01	0.32	0.00	1.25	0.76		100.0%	0.4%	19.2%	0.1%	74.5%	45.3%	1.06	0.01	0.13	0.00	0.59	0.41	63.1%	63.1%	0.4%	7.8%	0.0%	35.0%	24.3%
17			28		5	1.03	0.00	0.38	0.00	0.72	0.41		100.0%	0.1%	36.5%	0.1%	70.1%	39.9%	0.52	0.00	0.23	0.00	0.29	0.20	50.3%	50.3%	0.1%	22.0%	0.1%	28.3%	18.9%
18			34		5	1.27	0.00	0.03	0.00	0.90	0.51		100.0%	0.3%	2.5%	0.3%	71.1%	40.0%	0.69	0.00	0.02	0.00	0.38	0.25	54.6%	54.6%	0.3%	1.5%	0.3%	30.3%	19.9%
19			35		5	1.75	0.01	0.03	0.00	1.31	0.76		100.0%	0.3%	1.9%	0.1%	75.0%	43.6%	1.07	0.01	0.02	0.00	0.58	0.40	61.5%	61.5%	0.3%	1.3%	0.0%	33.3%	23.0%
20			36		5	1.74	0.01	0.09	0.00	1.32	0.80		100.0%	0.3%	5.0%	0.1%	76.0%	45.8%	1.11	0.01	0.02	0.00	0.63	0.44	63.6%	63.6%	0.3%	1.3%	0.1%	36.0%	25.0%
21			37		5	1.31	0.00	0.44	0.00	0.92	0.54		100.0%	0.1%	33.7%	0.1%	70.2%	41.3%	0.72	0.00	0.26	0.00	0.38	0.26	54.9%	54.9%	0.1%	20.1%	0.1%	29.3%	20.2%
22			256		1	0.32	0.00	0.02	0.00	0.22	0.13		100.0%	0.0%	6.9%	0.3%	70.0%	39.4%	0.14	0.00	0.02	0.00	0.07	0.05	44.2%	44.2%	0.0%	4.7%	0.3%	22.1%	14.8%
23			258		1	0.35	0.00	0.03	0.00	0.24	0.13		100.0%	0.3%	7.2%	0.6%	68.3%	36.9%	0.14	0.00	0.02	0.00	0.07	0.04	39.8%	39.8%	0.3%	4.9%	0.6%	19.3%	12.4%
24			260		1	0.35	0.00	0.03	0.00	0.24	0.13		100.0%	0.0%	8.7%	0.6%	68.5%	38.2%	0.15	0.00	0.02	0.00	0.07	0.05	42.8%	42.8%	0.0%	5.5%	0.6%	20.5%	13.6%
25			262		1	0.35	0.00	0.05	0.00	0.24	0.13		100.0%	0.0%	13.0%	0.6%	67.7%	37.4%	0.15	0.00	0.03	0.00	0.07	0.05	41.4%	41.4%	0.0%	7.4%	0.6%	19.0%	12.7%
26			264		1	0.33	0.00	0.06	0.00	0.22	0.13		100.0%	0.0%	16.9%	0.6%	67.1%	39.4%	0.14	0.00	0.03	0.00	0.07	0.05	42.8%	42.8%	0.0%	8.3%	0.6%	20.6%	14.2%
27			266		2	0.51	0.00	0.14	0.01	0.39	0.21		100.0%	0.2%	27.4%	1.6%	74.9%	40.9%	0.18	0.00	0.08	0.01	0.12	0.08	35.4%	35.4%	0.2%	14.8%	1.4%	22.4%	15.0%
28			267		2	0.81	0.00	0.02	0.00	0.57	0.36		100.0%	0.1%	2.1%	0.4%	70.3%	44.0%	0.43	0.00	0.01	0.00	0.21	0.15	52.8%	52.8%	0.1%	0.7%	0.4%	25.8%	18.4%
29			268		2	0.81	0.00	0.05	0.00	0.55	0.35		100.0%	0.1%	5.8%	0.0%	68.3%	43.6%	0.43	0.00	0.03	0.00	0.21	0.15	53.9%	53.9%	0.1%	3.6%	0.0%	26.2%	18.3%
30			269		2	0.56	0.00	0.11	0.01	0.39	0.24		100.0%	0.2%	18.7%	0.9%	69.8%	43.3%	0.26	0.00	0.07	0.01	0.13	0.10	45.8%	45.8%	0.2%	12.3%	0.9%	22.7%	16.9%
31			274		2	0.78	0.00	0.02	0.01	0.57	0.35		100.0%	0.1%	2.7%	0.6%	72.9%	44.5%	0.37	0.00	0.01	0.00	0.20	0.13	48.0%	48.0%	0.1%	1.5%	0.5%	25.7%	17.2%
32	J	Patch	275		2	0.84	0.00	0.08	0.00	0.57	0.36		100.0%	0.1%	9.1%	0.0%	68.1%	43.4%	0.45	0.00	0.04	0.00	0.22	0.16	53.5%	53.5%	0.1%	5.3%	0.0%	26.1%	18.5%
33			276		2	0.58	0.00	0.15	0.01	0.39	0.26		100.0%	0.2%	25.6%	1.0%	68.0%	44.5%	0.27	0.00	0.09	0.01	0.13	0.10	47.0%	47.0%	0.2%	15.1%	0.9%	23.0%	17.2%
34			280		5	1.98	0.00	0.05	0.04	1.59	0.97		100.0%	0.1%	2.6%	2.0%	80.4%	49.3%	0.96	0.00	0.03	0.04	0.65	0.44	48.3%	48.3%	0.1%	1.7%	1.8%	33.0%	22.1%
35			281		5	1.86	0.00	0.04	0.00	1.34	0.92		100.0%	0.2%	1.9%	0.2%	72.1%	49.6%	1.07	0.00	0.02	0.00	0.62	0.48	57.4%	57.4%	0.1%	1.2%	0.2%	33.6%	25.6%
36			282		5	1.88	0.00	0.04	0.00	1.30	0.85		100.0%	0.1%	2.0%	0.1%	69.3%	45.5%	1.06	0.00	0.02	0.00	0.57	0.45	56.3%	56.3%	0.1%	1.1%	0.1%	30.4%	24.0%
37			283		5	1.95	0.00	0.30	0.00	1.35	0.94		100.0%	0.1%	15.6%	0.1%	69.5%	48.0%	1.16	0.00	0.13	0.00	0.61	0.50	59.7%	59.7%	0.1%	6.6%	0.1%	31.3%	25.6%
38			284		5	1.58	0.00	0.70	0.01	1.16	0.78		100.0%	0.3%	44.5%	0.3%	73.1%	49.0%	0.76	0.00	0.43	0.00	0.45	0.34	47.7%	47.7%	0.3%	26.8%	0.3%	28.6%	21.3%
39			290		5	2.01	0.00	0.06	0.02	1.54	0.99		100.0%	0.1%	3.2%	1.1%	76.6%	49.5%	1.05	0.00	0.04	0.02	0.67	0.48	52.1%	52.1%	0.1%	1.8%	1.0%	33.5%	23.7%
40			291		5	1.87	0.00	0.04	0.00	1.36	0.92		100.0%	0.1%	2.0%	0.2%	72.5%	49.2%	1.15	0.00	0.02	0.00	0.63	0.50	61.3%	61.3%	0.1%	1.2%	0.2%	33.5%	26.6%
41			292		5	1.83	0.00	0.08	0.00	1.28	0.85		100.0%	0.1%	4.4%	0.2%	69.9%	46.3%	1.07	0.00	0.05	0.00	0.57	0.46	58.2%	58.2%	0.1%	2.5%	0.1%	31.3%	25.0%
42			293		5	1.94	0.00	0.51	0.00	1.35	0.89		100.0%	0.1%	26.2%	0.1%	69.6%	45.7%	0.99	0.00	0.31	0.00	0.55	0.43	51.2%	51.2%	0.1%	15.7%	0.1%	28.4%	21.9%
43			0	256	2	0.65	0.00	0.03	0.00	0.45	0.26		100.0%	0.2%	4.5%	0.3%	69.9%	39.9%	0.30	0.00	0.02	0.00	0.15	0.10	45.6%	45.6%	0.2%	3.2%	0.3%	22.7%	15.1%
44			2	258	2	0.65	0.00	0.04	0.00	0.47	0.25		100.0%	0.2%	5.7%	0.5%	73.3%	39.2%	0.27	0.00	0.03	0.00	0.15	0.09	42.0%	42.0%	0.2%	3.9%	0.5%	22.5%	13.8%
45			4	260	2	0.63	0.00	0.05	0.00	0.49	0.26		100.0%	0.2%	7.8%	0.5%	77.1%	41.1%	0.28	0.00	0.03	0.00	0.16	0.10	44.8%	44.8%	0.2%	4.7%	0.5%	24.5%	15.0%
46			6	262	2	0.65	0.00	0.08	0.00	0.49	0.25		100.0%	0.2%	12.4%	0.5%	76.4%	39.2%	0.28	0.00	0.04	0.00	0.14	0.09	43.1%	43.1%	0.2%	6.8%	0.5%	22.0%	13.6%
47			8	264	2	0.63	0.00	0.11	0.00	0.50	0.28		100.0%	0.2%	17.0%	0.5%	78.9%	43.7%	0.28	0.00	0.05	0.00	0.17	0.11	44.3%	44.3%	0.2%	8.3%	0.5%	26.8%	16.7%
48			10	266	4	0.95	0.00	0.24	0.01	0.81	0.42		100.0%	0.2%	25.2%	1.3%	85.2%	44.0%	0.39	0.00	0.13	0.01	0.27	0.17	40.9%	40.9%	0.2%	13.6%	1.1%	28.1%	17.7%
49			11	267	4	1.51	0.00	0.03	0.00	1.08	0.65		100.0%	0.1%	2.2%	0.2%	71.6%	43.0%	0.83	0.00	0.02	0.00	0.42	0.29	54.9%	54.9%	0.1%	1.1%	0.2%	27.6%	19.4%
50			12	268	4	1.27	0.00	0.18	0.00	0.90	0.53		100.0%	0.2%	14.4%	0.1%	70.7%	41.6%	0.64	0.00	0.10	0.00	0.34	0.23	49.9%	49.9%	0.2%	7.6%	0.1%	26.9%	18.1%
51			13	269	4	1.09	0.00	0.16	0.01	0.88	0.50		100.0%	0.2%	15.0%	0.7%	81.0%	46.1%	0.53	0.00	0.11	0.01	0.32	0.21	48.9%	48.9%	0.2%	9.6%	0.6%	29.3%	19.3%
52			18	274	4	1.55	0.00	0.02	0.01	1.14	0.72		100.0%	0.1%	1.6%	0.4%	73.9%	46.3%	0.80	0.00	0.01	0.01	0.45	0.30	51.8%	51.8%	0.1%	0.9%	0.3%	29.1%	19.1%
53			19	275	4	1.47	0.00	0.11	0.00	1.02	0.62		100.0%	0.1%	7.5%	0.1%	69.6%	42.4%	0.80	0.00	0.07	0.00	0.39	0.28	54.6%	54.6%	0.1%	4.4%	0.0%	26.7%	19.0%
54			20	276	4	1.06	0.00	0.25	0.01	0.85	0.49		100.0%	0.2%	23.2%	0.8%	79.6%	46.0%	0.52	0.00	0.14	0.01	0.30	0.20	48.5%	48.5%	0.2%	13.4%	0.7%	28.5%	19.1%
55			24	280	10	2.93	0.01	0.10	0.06	2.45	1.29		100.0%	0.2%	3.5%	2.0%	83.5%	44.1%	1.41	0.01	0.07	0.05	1.00	0.58	47.9%	47.9%	0.2%	2.3%	1.8%	34.2%	19.9%
56			25	281	10	3.65	0.01	0.06	0.01	3.02	1.87		100.0%	0.2%	1.7%	0.2%	82.7%	51.2%	2.10	0.01	0.04	0.01	1.36	0.96	57.7%	57.7%	0.2%	1.0%	0.2%	37.3%	26.2%
57			26	282	10	3.72	0.01	0.08	0.00	2.97	1.89		100.0%	0.2%	2.0%	0.1%	79.7%	50.9%	2.27	0.01	0.04	0.00	1.37	1.04	60.9%	60.9%	0.2%	1.1%	0.1%	36.8%	27.8%
58			27	283	10	3.79	0.01	0.66	0.00	2.86	1.82		100.0%	0.2%	17.5%	0.1%	75.5%	48.1%	2.29	0.01	0.30	0.00	1.37	1.00	60.6%	60.6%	0.2%	8.0%	0.0%	36.1%	26.4%
59			28	284	10	2.68	0.01	1.13	0.01	2.23	1.27		100.0%	0.2%	42.2%	0.2%	83.2%	47.5%	1.30	0.01	0.67	0.01	0.93	0.59	48.7%	48.7%	0.2%	25.1%	0.2%	34.6%	21.9%
60			34	290	10	3.46	0.01	0.10	0.03	2.91	1.67		100.0%	0.3%	3.0%	0.9%	83.9%	48.1%	1.85	0.01	0.06	0.03	1.25	0.80	53.4%	53.4%	0.2%	1.7%	0.8%	36.1%	23.0%
61			35	291	10	3.76	0.01	0.08	0.00	3.04	1.97		100.0%	0.3%	2.2%	0.1%	80.8%	52.4%	2.32	0.01	0.05	0.00	1.38	1.05	61.5%	61.5%	0.3%	1.4%	0.1%	36.6%	27.9%
62			36	292	10	3.65	0.01	0.17	0.00	2.83	1.79		100.0%	0.3%	4.8%	0.1%	77.4%	49.1%	2.22	0.01	0.08	0.00	1.33	0.99	60.7%	60.7%	0.2%	2.1%	0.1%	36.4%	27.1%
63			37	293	10	3.38	0.00	0.99	0.00	2.59	1.56		100.0%	0.1%	29.3%	0.1%	76.5%	46.1%	1.74	0.00	0.59	0.00	1.11	0.77	51.4%	51.4%	0.1%	17.5%	0.1%	33.0%	22.8%

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No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2)						per Beam Back-off (dB)	max ratio out of all beams						4cm2 PD(mW/cm2) at 10mm evaluation distance						max ratio out of all beams						
													100.0%	10.0%	60.5%	3.8%	39.2%	96.8%							63.2%	63.2%	8.1%	37.4%	3.6%	21.2%	50.7%
						S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)		ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.23	0.01	0.01	0.00	0.05	0.07		100.0%	4.8%	5.7%	0.4%	23.2%	30.3%	0.10	0.01	0.01	0.00	0.02	0.03	45.6%	45.6%	3.9%	3.5%	0.4%	8.8%	13.2%
2			2		1	0.23	0.01	0.02	0.00	0.04	0.08		100.0%	3.1%	8.4%	0.9%	19.0%	35.8%	0.10	0.01	0.01	0.00	0.02	0.03	44.2%	44.2%	2.2%	5.3%	0.9%	6.6%	14.6%
3			4		1	0.21	0.01	0.03	0.00	0.05	0.08		100.0%	3.9%	12.1%	1.4%	24.2%	36.2%	0.10	0.01	0.01	0.00	0.02	0.03	45.9%	45.9%	3.4%	6.8%	1.0%	8.7%	16.4%
4			6		1	0.25	0.01	0.03	0.00	0.05	0.09		100.0%	2.4%	10.3%	0.8%	18.6%	35.2%	0.11	0.01	0.01	0.00	0.02	0.04	45.1%	45.1%	2.0%	5.9%	0.8%	7.1%	14.6%
5			8		1	0.23	0.01	0.04	0.00	0.05	0.08		100.0%	3.9%	16.4%	0.9%	19.8%	36.2%	0.11	0.01	0.02	0.00	0.02	0.04	47.0%	47.0%	3.0%	8.2%	0.4%	9.1%	15.5%
6			10		2	0.32	0.02	0.06	0.01	0.08	0.10		100.0%	5.0%	20.1%	1.6%	24.2%	30.5%	0.15	0.01	0.04	0.00	0.03	0.04	46.2%	46.2%	4.1%	11.0%	1.3%	9.4%	11.9%
7			11		2	0.59	0.03	0.02	0.00	0.16	0.24		100.0%	4.9%	3.4%	0.3%	26.9%	41.4%	0.32	0.02	0.01	0.00	0.06	0.12	54.3%	54.3%	3.9%	1.4%	0.2%	10.6%	19.6%
8			12		2	0.50	0.02	0.11	0.00	0.13	0.22		100.0%	4.6%	21.2%	0.6%	25.9%	43.5%	0.28	0.02	0.06	0.00	0.06	0.10	55.3%	55.3%	3.6%	11.0%	0.4%	11.6%	19.6%
9			13		2	0.37	0.01	0.08	0.00	0.11	0.15		100.0%	3.5%	21.8%	1.1%	29.1%	39.4%	0.20	0.01	0.05	0.00	0.05	0.07	53.6%	53.6%	3.0%	12.9%	0.8%	12.4%	17.5%
10			18		2	0.57	0.03	0.01	0.00	0.16	0.23		100.0%	5.4%	2.3%	0.5%	27.5%	40.7%	0.31	0.02	0.01	0.00	0.06	0.11	54.7%	54.7%	4.2%	0.9%	0.2%	11.1%	19.1%
11			19		2	0.57	0.03	0.04	0.00	0.15	0.22		100.0%	5.1%	7.0%	0.4%	26.7%	38.6%	0.30	0.03	0.02	0.00	0.06	0.10	51.9%	51.9%	4.4%	3.2%	0.4%	11.1%	18.1%
12			20		2	0.36	0.01	0.09	0.01	0.10	0.15		100.0%	3.0%	24.6%	1.4%	28.2%	40.6%	0.20	0.01	0.05	0.00	0.05	0.07	54.7%	54.7%	2.8%	12.4%	1.1%	13.0%	18.2%
13			24		5	0.53	0.03	0.09	0.02	0.11	0.22		100.0%	6.3%	16.5%	3.8%	20.1%	40.9%	0.24	0.03	0.06	0.02	0.04	0.09	45.1%	45.1%	4.7%	10.4%	3.6%	7.4%	16.1%
14			25		5	1.43	0.06	0.03	0.02	0.51	0.48		100.0%	4.4%	2.4%	1.3%	35.7%	33.5%	0.82	0.05	0.02	0.01	0.25	0.25	57.1%	57.1%	3.7%	1.3%	0.6%	17.5%	17.1%
15			26		5	1.40	0.13	0.03	0.01	0.48	0.72		100.0%	9.2%	2.4%	0.4%	34.4%	51.7%	0.87	0.11	0.02	0.00	0.26	0.44	62.3%	62.3%	7.9%	1.1%	0.2%	18.6%	31.8%
16			27		5	1.39	0.10	0.30	0.01	0.55	0.57		100.0%	6.9%	21.7%	0.6%	39.2%	41.1%	0.88	0.08	0.12	0.01	0.30	0.31	63.2%	63.2%	5.4%	8.8%	0.4%	21.2%	22.2%
17			28		5	0.87	0.04	0.35	0.01	0.20	0.34		100.0%	4.7%	40.3%	0.9%	22.7%	38.6%	0.40	0.03	0.20	0.01	0.08	0.16	45.9%	45.9%	3.4%	22.6%	0.7%	9.6%	18.0%
18			34		5	1.08	0.05	0.05	0.02	0.32	0.39		100.0%	4.4%	5.0%	1.7%	29.8%	35.9%	0.60	0.04	0.03	0.02	0.15	0.19	56.0%	56.0%	3.7%	3.2%	1.6%	13.6%	18.0%
19			35		5	1.49	0.12	0.04	0.01	0.50	0.58		100.0%	8.1%	2.6%	0.6%	33.8%	39.3%	0.86	0.10	0.02	0.00	0.26	0.31	58.1%	58.1%	6.7%	1.6%	0.2%	17.5%	20.7%
20			36		5	1.38	0.14	0.10	0.01	0.51	0.66		100.0%	10.0%	7.3%	0.7%	37.4%	47.8%	0.87	0.11	0.06	0.01	0.28	0.39	63.2%	63.2%	8.1%	4.1%	0.4%	20.3%	28.5%
21			37		5	1.10	0.06	0.38	0.01	0.29	0.42		100.0%	5.7%	34.9%	0.7%	26.5%	37.8%	0.56	0.05	0.21	0.01	0.13	0.21	51.3%	51.3%	4.8%	18.9%	0.5%	11.8%	19.5%
22			256		1	0.32	0.00	0.04	0.00	0.02	0.23		100.0%	0.3%	12.7%	0.3%	4.7%	71.8%	0.15	0.00	0.03	0.00	0.01	0.10	48.4%	48.4%	0.3%	8.9%	0.3%	1.9%	30.4%
23			258		1	0.33	0.00	0.04	0.00	0.02	0.22		100.0%	0.6%	13.4%	0.6%	4.6%	66.5%	0.14	0.00	0.03	0.00	0.01	0.09	41.5%	41.5%	0.6%	9.1%	0.3%	1.8%	26.8%
24			260		1	0.32	0.00	0.04	0.00	0.02	0.21		100.0%	0.6%	13.7%	0.6%	5.4%	66.0%	0.14	0.00	0.03	0.00	0.01	0.09	45.7%	45.7%	0.6%	8.6%	0.6%	2.2%	27.0%
25			262		1	0.33	0.00	0.06	0.00	0.01	0.21		100.0%	0.6%	18.5%	0.9%	4.3%	64.1%	0.14	0.00	0.03	0.00	0.01	0.08	41.9%	41.9%	0.6%	10.0%	0.6%	1.5%	23.4%
26			264		1	0.31	0.00	0.06	0.00	0.02	0.21		100.0%	0.3%	18.2%	1.0%	4.9%	67.9%	0.14	0.00	0.03	0.00	0.01	0.08	45.5%	45.5%	0.3%	8.8%	0.6%	1.9%	26.9%
27			266		2	0.43	0.00	0.14	0.01	0.02	0.35		100.0%	0.7%	31.8%	2.3%	4.6%	80.4%	0.17	0.00	0.07	0.01	0.01	0.15	38.9%	38.9%	0.7%	17.1%	2.1%	1.6%	34.6%
28			267		2	0.80	0.00	0.03	0.00	0.05	0.58		100.0%	0.4%	3.3%	0.4%	6.4%	72.5%	0.43	0.00	0.01	0.00	0.02	0.26	53.6%	53.6%	0.3%	1.6%	0.3%	2.6%	32.6%
29			268		2	0.81	0.00	0.07	0.00	0.05	0.57		100.0%	0.4%	8.4%	0.1%	6.6%	70.2%	0.44	0.00	0.05	0.00	0.02	0.26	54.3%	54.3%	0.2%	5.6%	0.0%	2.7%	31.7%
30			269		2	0.50	0.01	0.16	0.01	0.03	0.40		100.0%	1.0%	31.6%	1.0%	5.8%	78.9%	0.24	0.00	0.11	0.00	0.01	0.17	47.5%	47.5%	0.8%	21.3%	0.8%	2.4%	33.4%
31			274		2	0.75	0.00	0.04	0.00	0.04	0.59		100.0%	0.5%	4.8%	0.5%	5.3%	78.8%	0.36	0.00	0.02	0.00	0.02	0.25	47.8%	47.8%	0.4%	2.9%	0.5%	2.1%	32.5%
32	J	Patch	275		2	0.84	0.00	0.11	0.00	0.05	0.59		100.0%	0.4%	12.9%	0.0%	6.3%	70.2%	0.45	0.00	0.06	0.00	0.02	0.27	53.8%	53.8%	0.4%	7.5%	0.0%	2.5%	31.7%
33			276		2	0.54	0.01	0.20	0.01	0.03	0.42		100.0%	1.3%	36.5%	1.3%	5.8%	77.0%	0.26	0.01	0.12	0.01	0.01	0.19	47.5%	47.5%	0.9%	21.7%	1.1%	2.4%	34.7%
34			280		5	1.77	0.01	0.10	0.04	0.10	1.71		100.0%	0.5%	5.7%	2.0%	5.8%	96.8%	0.88	0.01	0.07	0.03	0.04	0.89	50.3%	49.5%	0.4%	3.7%	1.6%	2.4%	50.3%
35			281		5	1.86	0.01	0.03	0.01	0.14	1.60		100.0%	0.4%	1.3%	0.3%	7.6%	86.2%	1.07	0.01	0.02	0.01	0.07	0.91	57.3%	57.3%	0.3%	0.9%	0.3%	3.6%	48.8%
36			282		5	1.94	0.01	0.05	0.00	0.19	1.40		100.0%	0.3%	2.4%	0.2%	9.7%	72.1%	1.17	0.01	0.03	0.00	0.09	0.81	60.4%	60.4%	0.3%	1.6%	0.1%	4.6%	41.9%
37			283		5	1.99	0.01	0.40	0.00	0.17	1.49		100.0%	0.3%	20.2%	0.1%	8.7%	75.0%	1.19	0.00	0.23	0.00	0.08	0.86	59.6%	59.6%	0.2%	11.3%	0.1%	4.0%	43.2%
38			284		5	1.42	0.01	0.86	0.01	0.09	1.32		100.0%	0.8%	60.5%	0.4%	6.1%	92.9%	0.71	0.01	0.53	0.01	0.04	0.67	49.9%	49.9%	0.6%	37.4%	0.4%	2.5%	47.4%
39			290		5	1.88	0.01	0.07	0.02	0.12	1.77		100.0%	0.4%	3.7%	1.2%	6.4%	93.9%	1.01	0.01	0.04	0.02	0.05	0.95	53.8%	53.8%	0.3%	2.3%	1.1%	2.8%	50.7%
40			291		5	2.00	0.01	0.04	0.00	0.19	1.52		100.0%	0.4%	1.8%	0.1%	9.6%	76.2%	1.24	0.01	0.02	0.00	0.09	0.90	62.3%	62.3%	0.3%	1.1%	0.1%	4.4%	45.2%
41			292		5	1.91	0.01	0.13	0.00	0.19	1.38		100.0%	0.4%	7.0%	0.1%	10.0%	72.6%	1.18	0.01	0.07	0.00	0.09	0.81	62.0%	62.0%	0.3%	3.6%	0.1%	4.7%	42.5%
42			293		5	1.74	0.01	0.70	0.00	0.12	1.46		100.0%	0.3%	40.1%	0.1%	6.7%	84.2%	0.93	0.00	0.43	0.00	0.05	0.76	53.6%	53.6%	0.2%	24.8%	0.1%	2.9%	43.9%
43			0	256	2	0.55	0.01	0.05	0.00	0.08	0.32		100.0%	2.2%	8.5%	0.5%	13.6%	57.2%	0.27	0.01	0.03	0.00	0.03	0.13	48.2%	48.2%	2.0%	6.2%	0.4%	5.1%	24.3%
44			2	258	2	0.56	0.01	0.06	0.00	0.06	0.31		100.0%	2.2%	10.1%	0.5%	11.4%	56.0%	0.23	0.01	0.04	0.00	0.02	0.12	42.2%	42.2%	1.6%	6.7%	0.4%	4.3%	21.1%
45			4	260	2	0.54	0.01	0.06	0.01	0.07	0.29		100.0%	1.9%	11.8%	0.9%	13.6%	54.7%	0.24	0.01	0.04	0.00	0.03	0.12	44.8%	44.8%	1.7%	7.3%	0.7%	5.2%	23.1%
46			6	262	2	0.61	0.01	0.09	0.00	0.06	0.31		100.0%	1.5%	14.8%	0.7%	10.2%	50.9%	0.26	0.01	0.05	0.01	0.02	0.11	42.2%	42.2%	1.3%	7.7%	0.8%	4.0%	18.8%
47			8	264	2	0.56	0.01	0.11	0.01	0.07	0.31		100.0%	1.8%	19.3%	1.1%	12.3%	56.1%	0.25	0.01	0.05	0.01	0.03	0.13	45.4%	45.4%	1.6%	9.3%	0.9%	5.0%	22.5%
48			10	266	4	0.81	0.02	0.22	0.02	0.12	0.48		100.0%	2.8%	27.0%	2.2%	14.7%	59.3%	0.32	0.02	0.12	0.02	0.05	0.20	39.2%	39.2%	2.3%	15.1%	1.8%	5.5%	24.2%
49			11	267	4	1.30	0.04	0.04	0.01	0.21	0.82		100.0%	2.7%	3.3%	0.4%	16.4%	63.0%	0.68	0.03	0.02	0.00	0.09	0.39	52.2%	52.2%	2.2%	1.8%	0.3%	6.7%	30.0%
50			12	268	4	1.16	0.03	0.17	0.00	0.18	0.71		100.0%	2.4%	14.2%	0.3%	15.6%	61.3%	0.62	0.02	0.09	0.00	0.08	0.32	52.9%	52.9%	1.8%	7.7%	0.2%	7.1%	27.7%
51			13	269	4	0.95	0.03	0.21	0.01	0.16	0.63		100.0%	2.6%	22.5%	0.8%	16.8%	66.1%	0.45	0.02	0.14	0.01	0.07	0.26	47.1%	47.1%	2.2%	14.6%	0.7%	7.6%	27.0%
52			18	274	4	1.33	0.05	0.04	0.01	0.21	0.91		100.0%	3.5%	3.2%	0.5%	15.9%	68.6%	0.67	0.04	0.03	0.01	0.09	0.39	50.3%	50.3%	2.9%	2.0%	0.4%	6.4%	29.2%
53			19	275	4	1.30	0.03	0.15	0.00	0.20	0.76		100.0%	2.4%	11.9%	0.2%	15.4%	58.4%	0.66	0.03	0.09	0.00	0.08	0.35	51.2%	51.2%	2.1%	6.9%	0.2%	6.5%	26.8%
54			20	276	4	1.01	0.02	0.28	0.01	0.16	0.60		100.0%	2.0%	28.1%	1.2%	15.8%	59.5%	0.49	0.02	0.16	0.01	0.07	0.26	48.3%	48.3%	1.6%	16.2%	1.1%	7.1%	25.9%
55			24	280	10	2.64	0.06	0.27	0.05	0.30	2.04		100.0%	2.3%	10.1%	2.0%	11.4%	77.2%	1.27	0.05	0.17	0.05	0.12	1.08	48.2%	48.2%	1.9%	6.3%	1.9%	4.5%	41.0%
56			25	281	10	3.36	0.08	0.07	0.03	0.80	2.30		100.0%	2.4%	2.2%	0.9%	23.8%	68.6%	1.91	0.07	0.04	0.02	0.38	1.26	56.8%	56.8%	2.0%	1.2%	0.5%	11.4%	37.6%
57			26	282	10	3.40	0.15	0.08	0.01	0.71	2.27		100.0%	4.5%	2.3%	0.3%	21.0%	67.0%	2.09	0.13	0.04	0.01	0.39	1.36	61.5%	61.5%	3.8%	1.2%	0.2%	11.5%	39.9%
58			27	283	10	3.40	0.11	0.69	0.01	0.78	2.11		100.0%	3.1%	20.4%	0.3%	22.8%	62.1%	2.07	0.09	0.36	0.01	0.43	1.22	60.8%	60.8%	2.5%	10.4%	0.2%	12.5%	35.7%
59			28	284	10	2.67	0.06	1.25	0.02	0.40	1.81		100.0%	2.1%	46.8%	0.6%	15.0%	68.0%	1.30	0.04	0.75	0.01	0.17	0.90	48.6%	48.6%	1.5%	28.1%	0.4%	6.2%	33.7%
60			34	290	10	3.15	0.07	0.17	0.04	0.58	2.35		100.0%	2.2%	5.5%	1.2%	18.4%	74.5%	1.65	0.06	0.12	0.03	0.25	1.24	52.5%	52.5%	1.8%	3.7%	1.1%	7.9%	39.3%
61			35	291	10	3.48	0.14	0.08	0.01	0.75	2.30		100.0%	3.9%	2.4%	0.4%	21.5%	66.0%	2.10	0.11	0.05	0.01	0.39	1.31	60.4%	60.4%	3.2%	1.5%	0.2%	11.1%	37.7%
62			36	292	10	3.34	0.15	0.21	0.01	0.73	2.15		100.0%	4.3%	6.2%	0.4%	21.8%	64.5%	2.07	0.12	0.11	0.01	0.39	1.27	61.9%	61.9%	3.5%	3.1%	0.2%	11.6%	38.1%
63			37	293	10	3.16	0.08	1.05	0.02	0.53	1.99		100.0%	2.5%	33.4%	0.5%	16.8%	63.2%	1.60	0.06	0.63	0.01	0.24	1.03	50.8%	50.8%	2.0%	19.8%	0.3%	7.5%	32.5%

- Mid CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2)						per Beam Back-off (dB)	max ratio out of all beams						4cm2 PD(mW/cm2) at 10mm evaluation distance						max ratio out of all beams						
													100.0%	7.8%	61.2%	3.2%	38.1%	97.8%							69.5%	69.5%	6.3%	37.7%	3.1%	21.8%	51.6%
						S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)		ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.27	0.01	0.02	0.00	0.07	0.08		100.0%	3.4%	5.7%	0.8%	25.3%	28.7%	0.14	0.01	0.01	0.00	0.03	0.03	50.9%	50.9%	2.6%	2.6%	0.4%	10.2%	9.8%
2			2		1	0.27	0.01	0.02	0.00	0.07	0.08		100.0%	2.3%	6.0%	0.8%	25.3%	28.3%	0.14	0.01	0.01	0.00	0.03	0.03	50.9%	50.9%	1.9%	3.8%	0.4%	10.2%	10.6%
3			4		1	0.24	0.01	0.02	0.00	0.05	0.08		100.0%	2.5%	10.1%	1.3%	22.8%	34.6%	0.13	0.01	0.01	0.00	0.02	0.03	52.7%	52.7%	2.6%	5.5%	0.8%	9.7%	11.8%
4			6		1	0.27	0.01	0.03	0.00	0.05	0.09		100.0%	2.2%	10.9%	0.7%	19.9%	32.2%	0.13	0.01	0.02	0.00	0.02	0.03	48.7%	48.7%	1.9%	6.0%	0.7%	7.5%	11.6%
5			8		1	0.25	0.01	0.04	0.00	0.06	0.08		100.0%	2.9%	15.1%	0.8%	23.7%	30.6%	0.12	0.01	0.02	0.00	0.03	0.03	48.6%	48.6%	2.4%	6.5%	0.4%	10.2%	11.8%
6			10		2	0.35	0.02	0.07	0.00	0.07	0.11		100.0%	5.5%	19.3%	1.4%	20.7%	32.9%	0.17	0.02	0.03	0.00	0.03	0.05	48.7%	48.7%	4.6%	9.5%	1.2%	8.1%	13.3%
7			11		2	0.69	0.02	0.02	0.00	0.23	0.24		100.0%	3.2%	2.2%	0.4%	33.3%	34.6%	0.43	0.02	0.01	0.00	0.10	0.09	62.8%	62.8%	2.6%	0.9%	0.1%	14.8%	13.6%
8			12		2	0.52	0.02	0.12	0.00	0.15	0.21		100.0%	4.6%	22.8%	0.6%	28.2%	41.1%	0.30	0.02	0.06	0.00	0.06	0.10	58.3%	58.3%	3.6%	10.6%	0.4%	11.9%	19.0%
9			13		2	0.41	0.02	0.07	0.00	0.10	0.17		100.0%	4.1%	17.0%	1.0%	23.4%	41.1%	0.24	0.01	0.04	0.00	0.04	0.07	57.7%	57.7%	2.9%	10.2%	1.0%	10.5%	17.5%
10			18		2	0.66	0.02	0.01	0.00	0.22	0.23		100.0%	3.5%	1.2%	0.5%	33.1%	34.9%	0.42	0.02	0.00	0.00	0.10	0.09	62.5%	62.5%	2.9%	0.6%	0.2%	14.5%	14.0%
11			19		2	0.66	0.02	0.04	0.00	0.21	0.22		100.0%	3.3%	5.9%	0.3%	32.3%	33.9%	0.40	0.02	0.02	0.00	0.09	0.09	60.9%	60.9%	2.7%	2.6%	0.2%	14.3%	14.0%
12			20		2	0.39	0.01	0.10	0.00	0.10	0.17		100.0%	3.1%	25.5%	1.0%	26.3%	43.1%	0.23	0.01	0.05	0.00	0.04	0.08	57.7%	57.7%	2.3%	13.3%	1.0%	11.2%	19.9%
13			24		5	0.65	0.03	0.09	0.02	0.11	0.26		100.0%	5.1%	14.4%	3.2%	17.3%	39.8%	0.30	0.03	0.06	0.02	0.04	0.11	46.8%	46.8%	4.0%	9.1%	3.1%	6.6%	16.2%
14			25		5	1.50	0.08	0.03	0.02	0.52	0.51		100.0%	5.1%	2.0%	1.1%	34.5%	34.1%	0.87	0.06	0.02	0.01	0.26	0.25	57.9%	57.9%	4.3%	1.1%	0.5%	16.9%	17.0%
15			26		5	1.66	0.10	0.03	0.00	0.63	0.77		100.0%	6.0%	1.9%	0.2%	38.1%	46.7%	1.15	0.08	0.02	0.00	0.36	0.40	69.5%	69.5%	4.9%	1.0%	0.1%	21.8%	24.2%
16			27		5	1.47	0.11	0.28	0.01	0.50	0.65		100.0%	7.2%	18.9%	0.7%	33.9%	44.6%	0.94	0.09	0.12	0.01	0.26	0.36	64.0%	64.0%	5.8%	8.4%	0.3%	17.5%	24.3%
17			28		5	0.95	0.04	0.40	0.01	0.23	0.38		100.0%	4.4%	41.9%	0.7%	23.6%	40.1%	0.48	0.03	0.22	0.00	0.10	0.19	50.7%	50.7%	3.4%	22.5%	0.4%	10.0%	19.8%
18			34		5	1.18	0.05	0.05	0.02	0.33	0.41		100.0%	4.2%	4.6%	1.9%	27.7%	34.6%	0.66	0.04	0.03	0.02	0.15	0.20	55.5%	55.5%	3.4%	2.7%	1.4%	12.4%	17.1%
19			35		5	1.64	0.11	0.04	0.01	0.58	0.62		100.0%	6.5%	2.3%	0.3%	35.1%	37.7%	1.04	0.09	0.02	0.00	0.30	0.33	63.3%	63.3%	5.5%	1.4%	0.1%	18.0%	19.8%
20			36		5	1.55	0.12	0.13	0.01	0.58	0.71		100.0%	7.8%	8.1%	0.6%	37.3%	45.9%	1.07	0.10	0.07	0.00	0.32	0.38	68.6%	68.6%	6.3%	4.5%	0.3%	20.4%	24.4%
21			37		5	1.20	0.06	0.39	0.01	0.32	0.48		100.0%	5.3%	32.6%	0.5%	26.8%	39.9%	0.66	0.05	0.23	0.00	0.15	0.25	55.5%	55.5%	4.4%	18.8%	0.3%	12.4%	20.7%
22			256		1	0.32	0.00	0.04	0.00	0.02	0.23		100.0%	0.3%	13.5%	0.3%	4.9%	71.8%	0.16	0.00	0.03	0.00	0.01	0.10	47.5%	47.5%	0.3%	9.5%	0.3%	1.8%	30.4%
23			258		1	0.33	0.00	0.05	0.00	0.02	0.22		100.0%	0.6%	14.3%	0.6%	4.6%	66.9%	0.14	0.00	0.03	0.00	0.01	0.09	41.9%	41.9%	0.6%	9.7%	0.3%	1.8%	25.8%
24			260		1	0.32	0.00	0.04	0.00	0.02	0.22		100.0%	0.6%	13.7%	0.6%	5.6%	67.0%	0.15	0.00	0.03	0.00	0.01	0.09	46.1%	46.1%	0.6%	8.7%	0.6%	2.2%	26.6%
25			262		1	0.33	0.00	0.06	0.00	0.01	0.22		100.0%	0.6%	18.4%	0.9%	4.5%	65.6%	0.14	0.00	0.03	0.00	0.01	0.08	43.2%	43.2%	0.6%	10.3%	0.6%	1.5%	23.6%
26			264		1	0.32	0.00	0.06	0.00	0.02	0.22		100.0%	0.3%	18.4%	0.6%	5.1%	68.4%	0.14	0.00	0.03	0.00	0.01	0.09	45.3%	45.3%	0.3%	8.9%	0.6%	1.9%	26.9%
27			266		2	0.45	0.00	0.14	0.01	0.02	0.36		100.0%	0.7%	31.8%	2.2%	4.7%	80.1%	0.17	0.00	0.08	0.01	0.01	0.15	38.0%	38.0%	0.7%	17.1%	1.8%	1.8%	34.2%
28			267		2	0.80	0.00	0.03	0.00	0.05	0.58		100.0%	0.4%	3.2%	0.4%	6.5%	72.5%	0.43	0.00	0.01	0.00	0.02	0.26	53.9%	53.9%	0.2%	1.6%	0.2%	2.7%	32.7%
29			268		2	0.81	0.00	0.07	0.00	0.05	0.57		100.0%	0.4%	8.1%	0.1%	6.6%	70.5%	0.45	0.00	0.04	0.00	0.02	0.26	54.8%	54.8%	0.2%	5.3%	0.0%	2.8%	31.9%
30			269		2	0.51	0.01	0.17	0.01	0.03	0.40		100.0%	1.0%	32.5%	1.0%	5.5%	78.7%	0.24	0.00	0.11	0.00	0.01	0.17	47.0%	47.0%	0.8%	21.5%	0.8%	2.3%	34.1%
31			274		2	0.76	0.00	0.04	0.00	0.04	0.60		100.0%	0.5%	5.7%	0.7%	5.4%	79.2%	0.37	0.00	0.03	0.00	0.02	0.25	48.4%	48.4%	0.4%	3.4%	0.5%	2.2%	32.5%
32	J	Patch	275		2	0.85	0.00	0.11	0.00	0.06	0.60		100.0%	0.4%	12.5%	0.0%	6.5%	70.4%	0.46	0.00	0.06	0.00	0.02	0.27	54.5%	54.5%	0.4%	7.4%	0.0%	2.6%	32.2%
33			276		2	0.55	0.01	0.20	0.01	0.03	0.43		100.0%	1.3%	36.9%	1.3%	5.5%	79.1%	0.26	0.01	0.12	0.01	0.01	0.19	47.9%	47.9%	0.9%	21.8%	1.1%	2.4%	35.6%
34			280		5	1.81	0.01	0.11	0.04	0.09	1.77		100.0%	0.5%	6.0%	2.0%	5.0%	97.8%	0.91	0.01	0.07	0.03	0.04	0.93	51.6%	50.1%	0.3%	4.0%	1.7%	2.0%	51.6%
35			281		5	1.87	0.01	0.03	0.01	0.15	1.61		100.0%	0.4%	1.5%	0.3%	8.0%	86.0%	1.08	0.01	0.02	0.00	0.07	0.91	57.7%	57.7%	0.3%	1.0%	0.2%	3.8%	48.7%
36			282		5	1.96	0.01	0.05	0.00	0.19	1.41		100.0%	0.4%	2.6%	0.2%	9.7%	72.2%	1.18	0.01	0.03	0.00	0.09	0.81	60.3%	60.3%	0.3%	1.7%	0.1%	4.6%	41.6%
37			283		5	2.01	0.01	0.40	0.00	0.18	1.51		100.0%	0.3%	19.8%	0.1%	8.7%	75.3%	1.20	0.01	0.22	0.00	0.08	0.87	59.6%	59.6%	0.3%	11.2%	0.0%	4.0%	43.3%
38			284		5	1.46	0.01	0.89	0.01	0.08	1.36		100.0%	0.8%	61.2%	0.4%	5.8%	93.3%	0.73	0.01	0.55	0.01	0.04	0.71	49.8%	49.8%	0.6%	37.7%	0.3%	2.4%	48.8%
39			290		5	1.90	0.01	0.07	0.02	0.12	1.80		100.0%	0.4%	3.5%	1.2%	6.3%	94.7%	1.02	0.01	0.04	0.02	0.05	0.98	54.0%	54.0%	0.3%	2.1%	1.0%	2.7%	51.5%
40			291		5	2.00	0.01	0.04	0.00	0.20	1.52		100.0%	0.5%	1.8%	0.2%	9.8%	76.3%	1.25	0.01	0.02	0.00	0.09	0.90	62.4%	62.4%	0.3%	1.1%	0.1%	4.6%	45.0%
41			292		5	1.93	0.01	0.12	0.00	0.19	1.40		100.0%	0.4%	6.3%	0.1%	9.9%	72.3%	1.19	0.01	0.07	0.00	0.09	0.81	61.5%	61.5%	0.3%	3.8%	0.1%	4.7%	42.1%
42			293		5	1.77	0.01	0.67	0.00	0.12	1.48		100.0%	0.3%	38.1%	0.1%	6.7%	83.5%	0.94	0.00	0.42	0.00	0.05	0.77	53.3%	53.3%	0.2%	23.5%	0.1%	2.8%	43.7%
43			0	256	2	0.58	0.01	0.06	0.00	0.10	0.33		100.0%	1.7%	9.7%	0.5%	16.4%	56.9%	0.28	0.01	0.04	0.00	0.04	0.14	48.6%	48.6%	1.6%	6.4%	0.3%	6.6%	24.0%
44			2	258	2	0.59	0.01	0.07	0.00	0.09	0.31		100.0%	1.7%	11.7%	0.5%	15.4%	53.3%	0.26	0.01	0.04	0.00	0.04	0.12	44.8%	44.8%	1.4%	7.5%	0.3%	6.5%	19.7%
45			4	260	2	0.56	0.01	0.06	0.01	0.08	0.31		100.0%	1.6%	10.5%	0.9%	13.9%	55.2%	0.27	0.01	0.04	0.00	0.04	0.12	48.4%	48.4%	1.4%	6.3%	0.7%	5.7%	21.1%
46			6	262	2	0.62	0.01	0.09	0.00	0.07	0.31		100.0%	1.5%	14.4%	0.8%	11.7%	49.8%	0.27	0.01	0.05	0.00	0.03	0.11	44.3%	44.3%	1.1%	7.8%	0.6%	4.4%	17.3%
47			8	264	2	0.58	0.01	0.11	0.01	0.08	0.31		100.0%	1.7%	18.2%	1.0%	14.4%	54.2%	0.27	0.01	0.05	0.01	0.04	0.12	46.2%	46.2%	1.6%	9.0%	0.9%	6.1%	20.8%
48			10	266	4	0.85	0.03	0.22	0.02	0.11	0.54		100.0%	3.1%	26.0%	2.1%	13.5%	63.4%	0.34	0.02	0.12	0.02	0.04	0.23	40.0%	40.0%	2.5%	14.4%	1.9%	5.1%	26.8%
49			11	267	4	1.40	0.03	0.04	0.01	0.29	0.79		100.0%	1.9%	2.7%	0.4%	20.3%	56.4%	0.78	0.02	0.02	0.00	0.12	0.35	55.6%	55.6%	1.5%	1.4%	0.3%	8.8%	25.2%
50			12	268	4	1.18	0.03	0.16	0.00	0.20	0.70		100.0%	2.4%	13.5%	0.3%	16.4%	59.1%	0.62	0.02	0.09	0.00	0.09	0.31	52.5%	52.5%	1.9%	7.5%	0.2%	7.2%	25.9%
51			13	269	4	0.98	0.02	0.23	0.01	0.14	0.62		100.0%	2.3%	23.7%	0.9%	14.2%	63.1%	0.48	0.02	0.14	0.01	0.07	0.26	49.2%	49.2%	1.9%	14.5%	0.8%	6.6%	26.3%
52			18	274	4	1.43	0.04	0.05	0.01	0.28	0.90		100.0%	2.7%	3.7%	0.5%	19.8%	62.9%	0.77	0.03	0.03	0.01	0.13	0.37	53.6%	53.6%	2.1%	2.2%	0.3%	8.8%	26.0%
53			19	275	4	1.36	0.03	0.14	0.00	0.26	0.78		100.0%	1.9%	10.3%	0.3%	18.8%	57.0%	0.74	0.02	0.09	0.00	0.12	0.36	54.3%	54.3%	1.6%	6.3%	0.2%	8.4%	26.4%
54			20	276	4	0.98	0.02	0.27	0.01	0.15	0.61		100.0%	2.2%	28.0%	1.2%	15.7%	62.2%	0.51	0.02	0.15	0.01	0.07	0.27	52.4%	52.4%	1.8%	15.7%	1.1%	7.0%	27.1%
55			24	280	10	2.62	0.06	0.29	0.05	0.29	2.28		100.0%	2.3%	10.9%	2.0%	10.9%	87.2%	1.31	0.05	0.18	0.05	0.11	1.21	49.9%	49.9%	1.8%	6.8%	1.8%	4.2%	46.1%
56			25	281	10	3.31	0.10	0.08	0.03	0.82	2.42		100.0%	3.0%	2.4%	0.8%	24.6%	73.0%	1.93	0.08	0.05	0.01	0.40	1.30	58.3%	58.3%	2.5%	1.4%	0.4%	12.0%	39.2%
57			26	282	10	3.59	0.13	0.10	0.01	0.90	2.28		100.0%	3.6%	2.8%	0.2%	24.9%	63.4%	2.29	0.11	0.05	0.00	0.51	1.29	63.8%	63.8%	2.9%	1.5%	0.1%	14.3%	36.0%
58			27	283	10	3.49	0.12	0.73	0.01	0.77	2.17		100.0%	3.4%	20.9%	0.4%	20.4%	62.2%	2.17	0.10	0.36	0.01	0.37	1.24	62.3%	62.3%	2.8%	10.2%	0.2%	10.6%	35.6%
59			28	284	10	2.55	0.06	1.16	0.02	0.41	1.85		100.0%	2.5%	45.6%	0.7%	16.1%	72.4%	1.28	0.05	0.69	0.01	0.17	0.95	50.0%	50.0%	1.9%	27.2%	0.4%	6.6%	37.1%
60			34	290	10	3.06	0.07	0.17	0.04	0.57	2.56		100.0%	2.4%	5.5%	1.3%	18.6%	83.5%	1.62	0.06	0.10	0.03	0.25	1.38	52.9%	52.9%	2.0%	3.4%	1.1%	8.1%	44.9%
61			35	291	10	3.40	0.12	0.07	0.01	0.86	2.37		100.0%	3.4%	1.9%	0.2%	24.0%	65.9%	2.23	0.11	0.04	0.01	0.44	1.34	62.0%	62.0%	2.9%	1.2%	0.1%	12.2%	37.3%
62			36	292	10	3.49	0.13	0.22	0.01	0.81	2.15		100.0%	3.7%	6.2%	0.3%	23.2%	61.5%	2.22	0.11	0.11	0.01	0.44	1.24	63.5%	63.5%	3.0%	3.1%	0.1%	12.7%	35.4%
63			37	293	10	3.11	0.08	1.02	0.01	0.55	2.15		100.0%	2.6%	32.6%	0.4%	17.5%	69.0%	1.62	0.07	0.59	0.01	0.25	1.09	52.1%	52.1%	2.1%	19.1%	0.2%	8.0%	35.0%

- High CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)
												max ratio out of all beams	100.0%	7.4%	61.5%	3.0%	41.7%	97.5%
1			0		1	0.27	0.01	0.01	0.00	0.08	0.07		100.0%	3.3%	5.1%	0.7%	27.8%	25.6%
2			2		1	0.27	0.01	0.02	0.00	0.08	0.06		100.0%	2.2%	5.5%	0.7%	29.7%	21.2%
3			4		1	0.27	0.01	0.03	0.00	0.06	0.08		100.0%	2.3%	10.2%	0.8%	23.7%	30.5%
4			6		1	0.26	0.01	0.03	0.00	0.06	0.08		100.0%	2.3%	12.5%	0.8%	22.1%	30.8%
5			8		1	0.24	0.01	0.04	0.00	0.06	0.06		100.0%	3.3%	16.7%	0.4%	25.5%	26.8%
6			10		2	0.34	0.02	0.07	0.01	0.08	0.10		100.0%	6.4%	20.3%	1.5%	22.4%	30.2%
7			11		2	0.70	0.02	0.01	0.00	0.27	0.19		100.0%	3.0%	1.9%	0.6%	38.7%	27.4%
8			12		2	0.52	0.02	0.12	0.00	0.16	0.19		100.0%	4.4%	23.5%	0.4%	30.8%	36.9%
9			13		2	0.44	0.01	0.08	0.00	0.12	0.17		100.0%	3.2%	17.0%	0.9%	26.2%	37.6%
10			18		2	0.67	0.02	0.01	0.01	0.26	0.19		100.0%	3.3%	1.0%	0.7%	38.3%	28.0%
11			19		2	0.66	0.02	0.03	0.00	0.25	0.19		100.0%	3.3%	5.0%	0.5%	37.5%	28.4%
12			20		2	0.40	0.01	0.11	0.00	0.11	0.16		100.0%	3.0%	28.2%	1.0%	26.9%	40.6%
13			24		5	0.70	0.04	0.09	0.02	0.15	0.28		100.0%	5.0%	13.1%	3.0%	21.2%	40.2%
14			25		5	1.42	0.08	0.04	0.02	0.51	0.47		100.0%	5.8%	2.8%	1.4%	36.1%	33.1%
15			26		5	1.78	0.11	0.04	0.00	0.74	0.75		100.0%	6.0%	2.2%	0.2%	41.7%	41.9%
16			27		5	1.50	0.11	0.25	0.01	0.53	0.64		100.0%	7.4%	16.7%	0.5%	35.5%	42.5%
17			28		5	1.00	0.04	0.40	0.01	0.25	0.41		100.0%	4.1%	39.9%	0.8%	24.9%	41.1%
18			34		5	1.21	0.05	0.06	0.02	0.35	0.41		100.0%	4.4%	4.8%	1.9%	29.2%	33.5%
19			35		5	1.60	0.10	0.04	0.01	0.65	0.54		100.0%	6.2%	2.2%	0.6%	40.8%	33.5%
20			36		5	1.67	0.10	0.11	0.01	0.67	0.71		100.0%	6.1%	6.7%	0.3%	39.9%	42.7%
21			37		5	1.24	0.06	0.42	0.01	0.34	0.48		100.0%	4.7%	33.5%	0.6%	27.6%	38.9%
22			256		1	0.33	0.00	0.05	0.00	0.02	0.23		100.0%	0.3%	13.7%	0.3%	4.9%	70.5%
23			258		1	0.33	0.00	0.05	0.00	0.02	0.22		100.0%	0.6%	14.4%	0.6%	4.6%	67.6%
24			260		1	0.32	0.00	0.04	0.00	0.02	0.22		100.0%	0.6%	13.4%	0.6%	5.3%	66.8%
25			262		1	0.33	0.00	0.06	0.00	0.02	0.22		100.0%	0.6%	18.0%	0.9%	4.6%	65.9%
26			264		1	0.32	0.00	0.06	0.00	0.02	0.22		100.0%	0.3%	18.2%	0.6%	4.7%	68.0%
27			266		2	0.45	0.00	0.14	0.01	0.02	0.36		100.0%	0.9%	31.5%	2.2%	4.4%	80.2%
28			267		2	0.80	0.00	0.03	0.00	0.05	0.58		100.0%	0.4%	3.2%	0.4%	6.5%	72.5%
29			268		2	0.81	0.00	0.06	0.00	0.05	0.57		100.0%	0.4%	7.7%	0.1%	6.7%	70.8%
30			269		2	0.51	0.01	0.17	0.01	0.03	0.40		100.0%	1.0%	32.4%	1.0%	5.5%	78.8%
31			274		2	0.75	0.00	0.05	0.01	0.04	0.60		100.0%	0.5%	6.0%	0.7%	5.6%	79.0%
32	J	Patch	275		2	0.84	0.00	0.10	0.00	0.06	0.59		100.0%	0.4%	11.9%	0.0%	6.6%	70.5%
33			276		2	0.53	0.01	0.19	0.01	0.03	0.42		100.0%	1.3%	36.6%	1.3%	5.7%	79.6%
34			280		5	1.82	0.01	0.10	0.04	0.10	1.77		100.0%	0.4%	5.6%	2.1%	5.7%	97.5%
35			281		5	1.87	0.01	0.03	0.01	0.15	1.59		100.0%	0.4%	1.6%	0.3%	7.9%	84.9%
36			282		5	1.94	0.01	0.05	0.00	0.19	1.41		100.0%	0.4%	2.7%	0.2%	9.7%	72.3%
37			283		5	1.99	0.01	0.40	0.00	0.17	1.50		100.0%	0.3%	20.0%	0.1%	8.7%	75.2%
38			284		5	1.44	0.01	0.89	0.01	0.08	1.36		100.0%	0.8%	61.5%	0.4%	5.8%	94.1%
39			290		5	1.89	0.01	0.06	0.02	0.12	1.77		100.0%	0.4%	3.0%	1.2%	6.6%	93.7%
40			291		5	1.98	0.01	0.03	0.00	0.19	1.51		100.0%	0.5%	1.7%	0.2%	9.8%	76.4%
41			292		5	1.92	0.01	0.12	0.00	0.19	1.39		100.0%	0.4%	6.2%	0.1%	9.8%	72.2%
42			293		5	1.76	0.01	0.64	0.00	0.12	1.45		100.0%	0.3%	36.3%	0.1%	6.6%	82.5%
43			0	256	2	0.59	0.01	0.06	0.00	0.10	0.33		100.0%	1.7%	10.5%	0.7%	17.7%	56.3%
44			2	258	2	0.59	0.01	0.08	0.00	0.11	0.30		100.0%	1.4%	13.2%	0.5%	18.5%	51.0%
45			4	260	2	0.59	0.01	0.07	0.00	0.09	0.31		100.0%	1.4%	11.6%	0.7%	15.0%	53.3%
46			6	262	2	0.60	0.01	0.08	0.01	0.08	0.31		100.0%	1.3%	13.4%	0.8%	12.6%	50.9%
47			8	264	2	0.57	0.01	0.11	0.00	0.09	0.31		100.0%	2.1%	19.1%	0.7%	15.3%	54.2%
48			10	266	4	0.82	0.03	0.22	0.02	0.12	0.56		100.0%	3.6%	27.1%	1.9%	14.9%	68.3%
49			11	267	4	1.39	0.03	0.04	0.01	0.32	0.73		100.0%	1.8%	2.6%	0.5%	23.3%	52.8%
50			12	268	4	1.17	0.03	0.16	0.00	0.21	0.69		100.0%	2.3%	13.2%	0.3%	18.1%	58.8%
51			13	269	4	0.97	0.02	0.27	0.01	0.16	0.61		100.0%	2.2%	27.6%	1.1%	16.7%	63.6%
52			18	274	4	1.41	0.03	0.06	0.01	0.33	0.86		100.0%	2.3%	4.2%	0.7%	23.6%	60.5%
53			19	275	4	1.35	0.03	0.13	0.00	0.30	0.76		100.0%	1.9%	9.7%	0.3%	21.9%	56.1%
54			20	276	4	0.96	0.02	0.28	0.01	0.16	0.63		100.0%	2.4%	29.0%	1.1%	16.7%	66.1%
55			24	280	10	2.60	0.06	0.29	0.05	0.35	2.46		100.0%	2.4%	11.3%	2.0%	13.4%	94.7%
56			25	281	10	3.17	0.10	0.09	0.03	0.80	2.38		100.0%	3.3%	2.9%	1.0%	25.4%	75.0%
57			26	282	10	3.62	0.13	0.10	0.01	1.02	2.22		100.0%	3.7%	2.7%	0.2%	28.2%	61.3%
58			27	283	10	3.42	0.12	0.69	0.01	0.75	2.11		100.0%	3.6%	20.2%	0.3%	22.0%	61.5%
59			28	284	10	2.47	0.07	1.23	0.02	0.43	2.04		100.0%	2.8%	49.9%	0.7%	17.3%	82.3%
60			34	290	10	3.08	0.08	0.16	0.04	0.62	2.64		100.0%	2.7%	5.2%	1.4%	20.1%	85.7%
61			35	291	10	3.54	0.12	0.08	0.01	0.95	2.31		100.0%	3.4%	2.2%	0.4%	26.9%	65.1%
62			36	292	10	3.54	0.11	0.20	0.01	0.89	2.12		100.0%	3.1%	5.5%	0.2%	25.2%	60.0%
63			37	293	10	3.08	0.08	1.00	0.02	0.56	2.24		100.0%	2.6%	32.4%	0.5%	18.1%	72.8%

No.	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
max ratio out of all beams							70.8%	70.8%	5.9%	38.3%	3.0%	23.4%	52.3%
1	0.14	0.01	0.01	0.00	0.03	0.02	49.8%	49.8%	2.6%	2.9%	0.4%	11.4%	8.1%
2	0.14	0.01	0.01	0.00	0.04	0.02	51.6%	51.6%	1.8%	3.7%	0.7%	12.8%	6.6%
3	0.14	0.01	0.02	0.00	0.03	0.03	53.4%	53.4%	1.9%	5.6%	0.8%	10.2%	10.5%
4	0.13	0.01	0.02	0.00	0.02	0.03	49.4%	49.4%	1.9%	5.7%	0.8%	8.7%	9.9%
5	0.11	0.01	0.02	0.00	0.03	0.02	46.9%	46.9%	2.9%	8.4%	0.4%	10.5%	9.2%
6	0.17	0.02	0.03	0.01	0.03	0.04	48.8%	48.8%	5.5%	9.6%	1.5%	7.8%	12.8%
7	0.44	0.02	0.01	0.00	0.12	0.07	63.0%	63.0%	2.4%	1.0%	0.3%	17.3%	9.7%
8	0.30	0.02	0.06	0.00	0.07	0.08	57.7%	57.7%	3.7%	11.3%	0.4%	12.9%	15.8%
9	0.26	0.01	0.05	0.00	0.05	0.06	59.3%	59.3%	2.7%	10.6%	0.7%	11.8%	14.5%
10	0.42	0.02	0.01	0.00	0.12	0.07	62.8%	62.8%	2.7%	0.7%	0.3%	17.1%	9.8%
11	0.41	0.02	0.02	0.00	0.11	0.07	62.1%	62.1%	2.6%	2.9%	0.3%	16.6%	11.2%
12	0.23	0.01	0.06	0.00	0.05	0.07	56.4%	56.4%	2.2%	14.5%	1.0%	11.5%	17.7%
13	0.33	0.03	0.06	0.02	0.05	0.13	47.0%	47.0%	4.0%	8.5%	3.0%	7.5%	17.9%
14	0.84	0.07	0.02	0.01	0.24	0.23	59.5%	59.5%	5.0%	1.5%	0.6%	16.7%	16.5%
15	1.26	0.08	0.02	0.00	0.42	0.36	70.8%	70.8%	4.7%	1.1%	0.2%	23.4%	20.4%
16	0.98	0.09	0.13	0.00	0.27	0.34	65.5%	65.5%	5.9%	8.5%	0.3%	18.0%	22.4%
17	0.50	0.03	0.22	0.00	0.12	0.19	50.2%	50.2%	3.2%	22.2%	0.4%	11.6%	19.5%
18	0.67	0.05	0.03	0.02	0.15	0.19	54.8%	54.8%	3.8%	2.6%	1.3%	12.5%	15.5%
19	1.04	0.08	0.02	0.00	0.34	0.28	64.9%	64.9%	5.1%	1.3%	0.3%	21.1%	17.4%
20	1.15	0.08	0.07	0.00	0.38	0.35	68.9%	68.9%	5.0%	4.0%	0.2%	22.5%	20.9%
21	0.67	0.05	0.25	0.00	0.17	0.24	54.4%	54.4%	3.9%	20.2%	0.3%	13.7%	19.1%
22	0.16	0.00	0.03	0.00	0.01	0.10	47.4%	47.4%	0.3%	9.7%	0.3%	1.8%	30.1%
23	0.14	0.00	0.03	0.00	0.01	0.08	42.2%	42.2%	0.3%	9.8%	0.3%	1.8%	25.7%
24	0.15	0.00	0.03	0.00	0.01	0.09	46.3%	46.3%	0.6%	8.7%	0.6%	2.2%	26.7%
25	0.14	0.00	0.03	0.00	0.01	0.08	43.9%	43.9%	0.3%	10.1%	0.6%	1.8%	23.8%
26	0.15	0.00	0.03	0.00	0.01	0.09	45.5%	45.5%	0.3%	8.8%	0.6%	1.9%	26.6%
27	0.17	0.00	0.08	0.01	0.01	0.16	38.3%	38.3%	0.7%	17.0%	1.8%	2.0%	34.1%
28	0.43	0.00	0.01	0.00	0.02	0.26	54.0%	54.0%	0.2%	1.6%	0.2%	2.6%	32.6%
29	0.45	0.00	0.04	0.00	0.02	0.26	55.3%	55.3%	0.2%	5.1%	0.0%	2.7%	32.2%
30	0.24	0.00	0.11	0.00	0.01	0.18	47.2%	47.2%	0.8%	21.6%	0.8%	2.4%	34.4%
31	0.37	0.00	0.03	0.00	0.02	0.25	48.8%	48.8%	0.4%	3.8%	0.5%	2.3%	32.8%
32	0.46	0.00	0.06	0.00	0.02	0.27	54.9%	54.9%	0.4%	7.0%	0.0%	2.6%	32.3%
33	0.26	0.01	0.12	0.01	0.01	0.19	48.5%	48.5%	1.1%	22.1%	1.1%	2.3%	35.5%
34	0.92	0.01	0.07	0.03	0.04	0.95	52.3%	50.6%	0.3%	3.7%	1.7%	2.4%	52.3%
35	1.09	0.01	0.02	0.00	0.07	0.90	58.1%	58.1%	0.3%	1.0%	0.2%	3.6%	48.1%
36	1.17	0.01	0.04	0.00	0.09	0.81	60.2%	60.2%	0.3%	1.8%	0.1%	4.6%	41.6%
37	1.19	0.01	0.22	0.00	0.08	0.86	59.9%	59.9%	0.3%	11.0%	0.1%	4.0%	43.2%
38	0.72	0.01	0.55	0.01	0.04	0.72	49.7%	49.7%	0.6%	38.3%	0.3%	2.5%	49.6%
39	1.03	0.01	0.03	0.02	0.06	0.97	54.6%	54.6%	0.3%	1.7%	0.9%	2.9%	51.4%
40	1.24	0.01	0.02	0.00	0.09	0.89	62.5%	62.5%	0.3%	1.1%	0.1%	4.6%	44.9%
41	1.18	0.01	0.08	0.00	0.09	0.80	61.5%	61.5%	0.3%	4.0%	0.1%	4.6%	41.8%
42	0.93	0.00	0.39	0.00	0.05	0.75	53.2%	53.2%	0.2%	22.3%	0.1%	2.8%	42.9%
43	0.27	0.01	0.04	0.00	0.04	0.13	46.1%	46.1%	1.4%	7.3%	0.3%	7.1%	22.3%
44	0.26	0.01	0.05	0.00	0.05	0.12	44.4%	44.4%	1.2%	8.6%	0.5%	7.8%	19.5%
45	0.28	0.01	0.04	0.00	0.04	0.12	48.4%	48.4%	1.0%	6.8%	0.7%	6.5%	20.0%
46	0.27	0.01	0.04	0.00	0.03	0.11	44.9%	44.9%	1.2%	7.0%	0.7%	4.8%	17.6%
47	0.26	0.01	0.05	0.00	0.04	0.12	45.4%	45.4%	1.8%	9.5%	0.7%	6.3%	20.5%
48	0.33	0.03	0.12	0.01	0.04	0.24	40.0%	40.0%	3.0%	14.3%	1.6%	5.1%	28.7%
49	0.77	0.02	0.02	0.00	0.15	0.32	55.4%	55.4%	1.5%	1.3%	0.3%	10.5%	23.1%
50	0.60	0.02	0.09	0.00	0.09	0.30	50.9%	50.9%	1.9%	7.2%	0.3%	7.9%	25.6%
51	0.49	0.02	0.17	0.01	0.07	0.26	50.9%	50.9%	1.8%	17.5%	0.9%	7.7%	26.7%
52	0.75	0.03	0.04	0.01	0.15	0.34	53.1%	53.1%	1.8%	2.6%	0.4%	10.7%	24.1%
53	0.75	0.02	0.08	0.00	0.13	0.34	55.6%	55.6%	1.6%	5.9%	0.2%	9.7%	25.6%
54	0.50	0.02	0.15	0.01	0.07	0.28	51.8%	51.8%	2.0%	16.1%	1.0%	7.0%	28.8%
55	1.33	0.05	0.18	0.04	0.13	1.31	51.1%	51.1%	2.0%	7.1%	1.7%	5.1%	50.5%
56	1.84	0.09	0.05	0.01	0.37	1.26	58.2%	58.2%	2.9%	1.5%	0.4%	11.7%	39.9%
57	2.32	0.11	0.06	0.01	0.57	1.23	64.0%	64.0%	3.0%	1.6%	0.1%	15.8%	34.0%
58	2.14	0.10	0.35	0.01	0.38	1.21	62.5%	62.5%	2.9%	10.1%	0.2%	11.2%	35.3%
59	1.25	0.05	0.73	0.01	0.19	1.06	50.6%	50.6%	2.0%	29.6%	0.5%	7.7%	43.0%
60	1.62	0.07	0.10	0.03	0.26	1.40	52.7%	52.7%	2.2%	3.1%	1.0%	8.4%	45.6%
61	2.17	0.10	0.05	0.01	0.50	1.30	61.2%	61.2%	2.8%	1.3%	0.2%	14.0%	36.6%
62	2.24	0.09	0.10	0.00	0.51	1.20	63.4%	63.4%	2.5%	2.9%	0.1%	14.3%	33.8%
63	1.59	0.06	0.60	0.01	0.27	1.13	51.7%	51.7%	2.1%	19.4%	0.2%	8.7%	36.6%

- Table 3-4, PD of Ant J – patch antenna (39GHz – n260)

[Folder Open Status]

- Low CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)
												max ratio out of all beams	100.0%	0.5%	78.5%	3.0%	95.7%	63.0%
1			0		1	0.26	0.00	0.02	0.00	0.20	0.09		100.0%	0.0%	7.8%	0.4%	77.1%	35.7%
2			2		1	0.30	0.00	0.03	0.00	0.22	0.12		100.0%	0.0%	8.3%	0.7%	74.7%	40.3%
3			4		1	0.30	0.00	0.06	0.00	0.24	0.11		100.0%	0.3%	20.7%	0.7%	77.6%	35.9%
4			6		1	0.31	0.00	0.08	0.00	0.24	0.11		100.0%	0.3%	27.5%	0.3%	79.1%	35.9%
5			8		1	0.29	0.00	0.08	0.00	0.21	0.11		100.0%	0.0%	28.3%	0.3%	72.7%	36.9%
6			10		2	0.47	0.00	0.17	0.01	0.35	0.19		100.0%	0.4%	35.1%	1.5%	73.4%	40.0%
7			11		2	0.59	0.00	0.12	0.00	0.46	0.24		100.0%	0.3%	20.9%	0.0%	78.4%	41.2%
8			12		2	0.66	0.00	0.07	0.01	0.50	0.30		100.0%	0.2%	10.5%	1.1%	75.8%	45.3%
9			13		2	0.46	0.00	0.08	0.01	0.36	0.18		100.0%	0.2%	16.4%	1.1%	78.1%	39.6%
10			18		2	0.45	0.00	0.24	0.00	0.39	0.17		100.0%	0.4%	53.9%	0.4%	87.4%	38.1%
11			19		2	0.73	0.00	0.05	0.00	0.56	0.31		100.0%	0.1%	7.4%	0.3%	76.5%	42.7%
12			20		2	0.55	0.00	0.24	0.01	0.50	0.25		100.0%	0.4%	43.9%	0.9%	92.5%	46.1%
13			24		5	1.26	0.00	0.76	0.01	1.17	0.71		100.0%	0.2%	60.0%	0.9%	92.6%	56.5%
14			25		5	1.36	0.00	0.14	0.00	1.07	0.57		100.0%	0.1%	9.9%	0.1%	78.7%	42.1%
15			26		5	1.66	0.00	0.03	0.00	1.30	0.72		100.0%	0.1%	1.9%	0.1%	78.2%	43.4%
16			27		5	1.44	0.00	0.44	0.02	1.06	0.73		100.0%	0.1%	30.8%	1.5%	73.5%	50.8%
17			28		5	1.30	0.00	0.74	0.01	1.17	0.72		100.0%	0.2%	56.5%	1.1%	89.8%	55.5%
18			34		5	1.08	0.01	0.85	0.00	1.03	0.50		100.0%	0.5%	78.5%	0.2%	95.7%	46.2%
19			35		5	1.67	0.00	0.03	0.00	1.27	0.73		100.0%	0.1%	2.0%	0.1%	76.3%	43.7%
20			36		5	1.46	0.00	0.20	0.00	1.21	0.62		100.0%	0.1%	13.8%	0.1%	83.1%	42.5%
21			37		5	1.40	0.00	0.55	0.03	1.10	0.74		100.0%	0.1%	39.0%	1.9%	78.6%	53.3%
22			256		1	0.30	0.00	0.01	0.00	0.20	0.12		100.0%	0.0%	2.0%	0.3%	67.9%	39.8%
23			258		1	0.31	0.00	0.01	0.00	0.19	0.14		100.0%	0.0%	3.5%	0.6%	62.1%	45.0%
24			260		1	0.36	0.00	0.02	0.00	0.24	0.15		100.0%	0.0%	5.8%	0.6%	65.0%	41.0%
25			262		1	0.32	0.00	0.03	0.00	0.21	0.14		100.0%	0.0%	9.0%	0.3%	66.3%	43.3%
26			264		1	0.33	0.00	0.05	0.00	0.21	0.15		100.0%	0.0%	16.0%	0.3%	62.0%	44.6%
27			266		2	0.55	0.00	0.08	0.01	0.34	0.22		100.0%	0.0%	15.0%	1.1%	60.5%	39.7%
28			267		2	0.84	0.00	0.02	0.00	0.60	0.40		100.0%	0.1%	2.5%	0.0%	71.3%	46.9%
29			268		2	0.54	0.00	0.05	0.01	0.32	0.22		100.0%	0.2%	9.1%	1.1%	58.3%	41.5%
30			269		2	0.51	0.00	0.06	0.01	0.26	0.23		100.0%	0.2%	11.6%	1.2%	51.8%	45.9%
31			274		2	0.63	0.00	0.02	0.00	0.42	0.25		100.0%	0.2%	3.5%	0.3%	66.2%	40.3%
32	J	Patch	275		2	0.63	0.00	0.02	0.00	0.43	0.31		100.0%	0.2%	3.0%	0.5%	67.4%	48.4%
33			276		2	0.49	0.00	0.09	0.01	0.29	0.18		100.0%	0.0%	17.9%	1.2%	59.1%	36.2%
34			280		5	1.04	0.00	0.33	0.02	0.53	0.51		100.0%	0.1%	31.7%	1.6%	50.5%	48.7%
35			281		5	1.70	0.00	0.10	0.00	1.28	0.73		100.0%	0.1%	5.6%	0.1%	75.1%	43.1%
36			282		5	1.87	0.00	0.07	0.00	1.27	0.93		100.0%	0.2%	3.5%	0.1%	68.2%	49.7%
37			283		5	0.90	0.00	0.30	0.02	0.59	0.41		100.0%	0.1%	33.6%	2.2%	65.3%	45.8%
38			284		5	1.11	0.00	0.33	0.01	0.63	0.53		100.0%	0.1%	30.0%	1.2%	56.7%	48.3%
39			290		5	1.12	0.00	0.24	0.00	0.78	0.47		100.0%	0.2%	21.5%	0.4%	69.6%	41.9%
40			291		5	2.00	0.00	0.03	0.00	1.37	1.00		100.0%	0.2%	1.2%	0.0%	68.3%	49.7%
41			292		5	1.40	0.00	0.18	0.00	1.07	0.61		100.0%	0.1%	12.9%	0.1%	76.9%	43.9%
42			293		5	0.86	0.00	0.35	0.03	0.49	0.44		100.0%	0.1%	40.1%	3.0%	57.0%	50.8%
43			0	256	2	0.60	0.00	0.03	0.00	0.42	0.25		100.0%	0.2%	5.5%	0.5%	69.8%	41.4%
44			2	258	2	0.64	0.00	0.06	0.01	0.45	0.27		100.0%	0.2%	9.4%	0.8%	70.4%	41.8%
45			4	260	2	0.69	0.00	0.12	0.01	0.50	0.27		100.0%	0.1%	16.8%	0.7%	73.0%	38.8%
46			6	262	2	0.66	0.00	0.16	0.00	0.47	0.30		100.0%	0.2%	24.7%	0.6%	71.3%	45.0%
47			8	264	2	0.66	0.00	0.18	0.00	0.46	0.29		100.0%	0.2%	27.6%	0.5%	69.1%	44.0%
48			10	266	4	1.19	0.00	0.35	0.02	0.85	0.49		100.0%	0.3%	29.2%	1.6%	70.9%	40.8%
49			11	267	4	1.50	0.00	0.22	0.00	1.14	0.68		100.0%	0.2%	14.3%	0.1%	75.8%	45.2%
50			12	268	4	1.35	0.00	0.17	0.02	1.01	0.58		100.0%	0.1%	12.4%	1.3%	74.9%	43.2%
51			13	269	4	1.12	0.00	0.19	0.02	0.79	0.47		100.0%	0.2%	17.0%	1.4%	70.5%	41.6%
52			18	274	4	1.08	0.00	0.34	0.01	0.80	0.47		100.0%	0.3%	31.9%	0.5%	74.0%	43.6%
53			19	275	4	1.31	0.00	0.09	0.01	0.93	0.59		100.0%	0.2%	7.1%	0.5%	71.1%	44.9%
54			20	276	4	1.13	0.00	0.45	0.02	0.78	0.65		100.0%	0.3%	39.9%	1.6%	69.0%	57.0%
55			24	280	10	2.59	0.01	1.53	0.04	1.96	1.63		100.0%	0.2%	59.1%	1.7%	75.6%	62.8%
56			25	281	10	3.29	0.00	0.36	0.00	2.85	1.53		100.0%	0.1%	10.9%	0.1%	86.9%	46.6%
57			26	282	10	3.76	0.01	0.11	0.01	3.14	2.02		100.0%	0.2%	3.0%	0.1%	83.5%	53.6%
58			27	283	10	3.03	0.00	0.97	0.06	2.11	1.65		100.0%	0.1%	32.1%	2.1%	69.5%	54.3%
59			28	284	10	2.72	0.01	1.52	0.04	1.95	1.67		100.0%	0.2%	56.0%	1.5%	71.6%	61.3%
60			34	290	10	2.32	0.01	1.62	0.01	1.75	1.16		100.0%	0.4%	70.0%	0.3%	75.5%	49.9%
61			35	291	10	3.76	0.01	0.07	0.00	2.79	1.85		100.0%	0.2%	1.9%	0.1%	74.1%	49.1%
62			36	292	10	3.40	0.01	0.54	0.01	3.19	1.51		100.0%	0.1%	15.8%	0.2%	93.9%	44.5%
63			37	293	10	2.88	0.00	1.18	0.08	1.74	1.82		100.0%	0.1%	40.8%	2.7%	60.4%	63.0%

No.	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
max ratio out of all beams							62.5%	62.5%	0.5%	48.6%	2.8%	48.0%	29.4%
1	0.12	0.00	0.01	0.00	0.07	0.04	45.7%	45.7%	0.0%	4.7%	0.4%	27.5%	15.1%
2	0.15	0.00	0.02	0.00	0.08	0.05	49.7%	49.7%	0.0%	6.0%	0.7%	28.0%	17.3%
3	0.14	0.00	0.04	0.00	0.08	0.05	47.0%	47.0%	0.3%	13.5%	0.7%	27.6%	14.8%
4	0.13	0.00	0.05	0.00	0.08	0.04	42.2%	42.2%	0.3%	16.0%	0.3%	25.5%	12.1%
5	0.13	0.00	0.04	0.00	0.07	0.04	43.0%	43.0%	0.0%	13.7%	0.3%	22.9%	13.0%
6	0.16	0.00	0.11	0.01	0.09	0.07	33.8%	33.8%	0.2%	23.4%	1.3%	18.7%	14.7%
7	0.36	0.00	0.08	0.00	0.21	0.12	60.0%	60.0%	0.3%	12.8%	0.0%	35.5%	19.6%
8	0.34	0.00	0.04	0.01	0.20	0.13	52.3%	52.3%	0.2%	6.7%	0.9%	31.0%	19.9%
9	0.16	0.00	0.05	0.00	0.10	0.07	35.7%	35.7%	0.2%	10.3%	0.9%	21.7%	15.3%
10	0.22	0.00	0.15	0.00	0.14	0.07	49.7%	49.7%	0.4%	33.3%	0.4%	29.9%	15.1%
11	0.43	0.00	0.03	0.00	0.25	0.14	59.2%	59.2%	0.1%	3.6%	0.3%	34.6%	19.6%
12	0.20	0.00	0.15	0.01	0.17	0.09	36.7%	36.7%	0.4%	27.5%	0.9%	30.3%	17.2%
13	0.53	0.00	0.49	0.01	0.49	0.31	42.1%	42.1%	0.2%	38.5%	0.8%	38.5%	24.8%
14	0.83	0.00	0.07	0.00	0.52	0.30	60.9%	60.9%	0.1%	5.4%	0.1%	38.1%	21.7%
15	1.02	0.00	0.02	0.00	0.63	0.38	61.6%	61.6%	0.1%	1.0%	0.1%	38.0%	23.0%
16	0.80	0.00	0.26	0.02	0.50	0.38	55.9%	55.9%	0.1%	17.9%	1.5%	34.9%	26.2%
17	0.55	0.00	0.47	0.01	0.50	0.33	42.4%	42.4%	0.2%	36.2%	1.0%	38.0%	25.0%
18	0.35	0.01	0.53	0.00	0.30	0.17	48.6%	32.1%	0.5%	48.6%	0.2%	27.6%	15.8%
19	1.04	0.00	0.02	0.00	0.61	0.39	62.5%	62.5%	0.1%	1.1%	0.1%	36.3%	23.2%
20	0.90	0.00	0.07	0.00	0.61	0.32	61.3%	61.3%	0.1%	4.5%	0.1%	41.5%	22.2%
21	0.64	0.00	0.34	0.02	0.48	0.35	45.8%	45.8%	0.1%	24.5%	1.6%	34.2%	24.9%
22	0.14	0.00	0.00	0.00	0.08	0.05	47.5%	47.5%	0.0%	1.3%	0.3%	27.1%	17.1%
23	0.16	0.00	0.01	0.00	0.08	0.06	49.8%	49.8%	0.0%	2.3%	0.3%	24.8%	19.0%
24	0.17	0.00	0.01	0.00	0.10	0.06	46.6%	46.6%	0.0%	3.6%	0.6%	26.4%	17.1%
25	0.16	0.00	0.02	0.00	0.09	0.06	48.6%	48.6%	0.0%	5.6%	0.3%	28.2%	19.2%
26	0.16	0.00	0.03	0.00	0.08	0.06	47.6%	47.6%	0.0%	7.5%	0.3%	24.4%	19.3%
27	0.25	0.00	0.05	0.01	0.14	0.08	44.4%	44.4%	0.0%	9.6%	0.9%	25.6%	14.6%
28	0.50	0.00	0.01	0.00	0.28	0.20	58.9%	58.9%	0.1%	1.5%	0.0%	33.4%	23.6%
29	0.24	0.00	0.03	0.01	0.13	0.09	43.9%	43.9%	0.2%	5.6%	0.9%	24.8%	16.5%
30	0.22	0.00	0.04	0.01	0.08	0.10	42.3%	42.3%	0.2%	7.1%	1.2%	16.5%	19.5%
31	0.34	0.00	0.01	0.00	0.18	0.12	54.6%	54.6%	0.0%	2.2%	0.3%	28.9%	18.4%
32	0.36	0.00	0.01	0.00	0.19	0.15	56.3%	56.3%	0.2%	1.6%	0.5%	29.9%	22.9%
33	0.17	0.00	0.06	0.01	0.10	0.06	33.5%	33.5%	0.0%	11.2%	1.2%	19.7%	12.8%
34	0.49	0.00	0.21	0.02	0.22	0.23	47.3%	47.3%	0.1%	20.5%	1.4%	20.6%	21.6%
35	1.02	0.00	0.05	0.00	0.62	0.39	60.1%	60.1%	0.1%	2.9%	0.1%	36.6%	22.9%
36	1.11	0.00	0.03	0.00	0.60	0.50	59.6%	59.6%	0.2%	1.7%	0.1%	32.4%	26.8%
37	0.51	0.00	0.17	0.02	0.27	0.20	56.7%	56.7%	0.1%	19.3%	2.1%	30.0%	22.3%
38	0.59	0.00	0.22	0.01	0.26	0.25	53.0%	53.0%	0.1%	19.5%	1.1%	23.6%	22.7%
39	0.64	0.00	0.16	0.00	0.37	0.23	56.8%	56.8%	0.2%	14.0%	0.4%	33.2%	20.9%
40	1.22	0.00	0.01	0.00	0.66	0.54	61.0%	61.0%	0.2%	0.6%	0.0%	32.8%	26.7%
41	0.80	0.00	0.07	0.00	0.53	0.33	57.5%	57.5%	0.1%	4.7%	0.1%	37.6%	23.4%
42	0.42	0.00	0.21	0.02	0.19	0.18	48.6%	48.6%	0.1%	24.9%	2.8%	21.6%	21.3%
43	0.28	0.00	0.02	0.00	0.18	0.10	47.4%	47.4%	0.2%	3.3%	0.5%	29.5%	16.9%
44	0.32	0.00	0.04	0.01	0.19	0.11	50.6%	50.6%	0.2%	6.3%	0.8%	29.7%	16.7%
45	0.33	0.00	0.07	0.01	0.21	0.11	48.2%	48.2%	0.1%	10.8%	0.7%	30.5%	16.2%
46	0.30	0.00	0.10	0.00	0.18	0.11	45.0%	45.0%	0.2%	14.6%	0.6%	27.6%	16.6%
47	0.30	0.00	0.09	0.00	0.17	0.12	44.9%	44.9%	0.2%	13.6%	0.3%	25.8%	17.3%
48	0.50	0.00	0.23	0.02	0.29	0.20	41.7%	41.7%	0.3%	19.3%	1.4%	24.6%	16.3%
49	0.89	0.00	0.13	0.00	0.54	0.34	59.3%	59.3%	0.2%	8.8%	0.1%	35.7%	22.3%
50	0.68	0.00	0.11	0.02	0.46	0.25	50.6%	50.6%	0.1%	8.0%	1.3%	33.9%	18.2%
51	0.49	0.00	0.13	0.01	0.24	0.20	43.5%	43.5%	0.1%	11.3%	1.3%	21.6%	17.6%
52	0.54	0.00	0.22	0.01	0.35	0.20	50.5%	50.5%	0.3%	20.0%	0.5%	32.4%	18.7%
53	0.72	0.00	0.05	0.01	0.41	0.27	54.6%	54.6%	0.2%	3.7%	0.5%	31.5%	20.3%
54	0.46	0.00	0.28	0.02	0.25	0.25	40.8%	40.8%	0.3%	24.9%	1.5%	22.3%	22.4%
55	1.25	0.01	0.98	0.04	0.81	0.70	48.1%	48.1%	0.2%	37.6%	1.5%	31.1%	27.1%
56	1.98	0.00	0.19	0.00	1.40	0.80	60.4%	60.4%	0.1%	5.8%	0.1%	42.7%	24.4%
57	2.26	0.01	0.06	0.01	1.56	1.11	60.0%	60.0%	0.2%	1.5%	0.1%	41.4%	29.4%
58	1.69	0.00	0.57	0.06	1.03	0.83	55.7%	55.7%	0.1%	18.8%	2.0%	33.9%	27.5%
59	1.35	0.01	0.98	0.04	0.80	0.72	49.4%	49.4%	0.2%	35.8%	1.4%	29.3%	26.5%
60	1.31	0.01	1.02	0.01	0.82	0.46	56.6%	56.6%	0.4%	43.8%	0.3%	35.4%	19.8%
61	2.31	0.01	0.04	0.00	1.34	0.99	61.5%	61.5%	0.2%	1.0%	0.1%	35.5%	26.4%
62	2.02	0.00	0.19	0.01	1.63	0.83	59.5%	59.5%	0.1%	5.5%	0.2%	48.0%	24.6%
63	1.38	0.00	0.74	0.07	0.74	0.82	47.9%	47.9%	0.1%	25.5%	2.5%	25.8%	28.4%

- Mid CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
max ratio out of all beams													100.0%	0.5%	76.3%	2.6%	92.8%	55.0%							63.4%	63.4%	0.5%	48.7%	2.4%	43.0%	27.9%
1			0		1	0.28	0.00	0.02	0.00	0.21	0.11		100.0%	0.0%	5.4%	0.4%	75.0%	38.6%	0.13	0.00	0.01	0.00	0.07	0.04	46.8%	46.8%	0.0%	3.9%	0.4%	26.1%	15.4%
2			2		1	0.32	0.00	0.02	0.00	0.25	0.12		100.0%	0.3%	7.4%	0.6%	76.9%	36.4%	0.15	0.00	0.01	0.00	0.09	0.05	46.3%	46.3%	0.0%	4.3%	0.6%	28.4%	15.1%
3			4		1	0.38	0.00	0.06	0.00	0.28	0.13		100.0%	0.3%	15.4%	0.5%	74.5%	35.0%	0.17	0.00	0.04	0.00	0.10	0.05	45.1%	45.1%	0.3%	10.1%	0.3%	25.7%	14.3%
4			6		1	0.31	0.00	0.09	0.00	0.25	0.11		100.0%	0.3%	27.7%	0.3%	82.1%	36.8%	0.13	0.00	0.05	0.00	0.08	0.04	42.7%	42.7%	0.3%	16.3%	0.3%	27.0%	12.4%
5			8		1	0.31	0.00	0.09	0.00	0.22	0.12		100.0%	0.0%	28.3%	0.3%	70.4%	37.9%	0.14	0.00	0.04	0.00	0.07	0.04	43.4%	43.4%	0.0%	13.8%	0.3%	21.9%	13.8%
6			10		2	0.61	0.00	0.14	0.01	0.44	0.20		100.0%	0.2%	23.1%	0.8%	72.7%	33.2%	0.19	0.00	0.09	0.01	0.12	0.08	30.9%	30.9%	0.2%	15.4%	0.8%	19.6%	12.4%
7			11		2	0.61	0.00	0.14	0.00	0.54	0.21		100.0%	0.3%	22.5%	0.0%	88.1%	34.0%	0.36	0.00	0.09	0.00	0.24	0.10	59.0%	59.0%	0.3%	14.1%	0.0%	39.5%	15.5%
8			12		2	0.79	0.00	0.09	0.01	0.61	0.34		100.0%	0.1%	11.9%	0.6%	77.2%	43.3%	0.42	0.00	0.05	0.01	0.24	0.15	52.7%	52.7%	0.1%	6.3%	0.6%	30.2%	18.9%
9			13		2	0.51	0.00	0.07	0.00	0.39	0.18		100.0%	0.2%	13.4%	0.6%	77.6%	35.8%	0.19	0.00	0.05	0.00	0.12	0.08	36.8%	36.8%	0.2%	8.9%	0.6%	23.6%	14.8%
10			18		2	0.49	0.00	0.24	0.00	0.44	0.18		100.0%	0.4%	49.8%	0.4%	89.5%	37.9%	0.22	0.00	0.15	0.00	0.15	0.07	46.1%	46.1%	0.4%	31.7%	0.2%	29.8%	15.0%
11			19		2	0.79	0.00	0.07	0.00	0.64	0.31		100.0%	0.1%	8.6%	0.1%	80.9%	39.9%	0.47	0.00	0.03	0.00	0.29	0.14	60.0%	60.0%	0.1%	4.3%	0.1%	36.8%	18.2%
12			20		2	0.62	0.00	0.22	0.00	0.49	0.31		100.0%	0.2%	36.0%	0.6%	80.0%	51.0%	0.26	0.00	0.14	0.00	0.17	0.12	42.5%	42.5%	0.2%	22.7%	0.6%	28.1%	19.0%
13			24		5	1.37	0.00	0.67	0.01	1.15	0.74		100.0%	0.1%	49.1%	0.5%	83.4%	54.0%	0.60	0.00	0.43	0.01	0.49	0.33	43.6%	43.6%	0.1%	31.2%	0.4%	35.4%	24.0%
14			25		5	1.16	0.00	0.22	0.00	1.01	0.40		100.0%	0.3%	18.8%	0.2%	87.6%	34.5%	0.70	0.00	0.12	0.00	0.50	0.20	60.7%	60.7%	0.3%	10.4%	0.2%	42.9%	17.5%
15			26		5	1.74	0.00	0.03	0.00	1.41	0.74		100.0%	0.2%	1.8%	0.1%	81.1%	42.6%	1.09	0.00	0.02	0.00	0.69	0.39	62.5%	62.5%	0.1%	1.1%	0.1%	39.6%	22.2%
16			27		5	1.69	0.00	0.54	0.02	1.25	0.84		100.0%	0.1%	32.2%	1.1%	73.7%	49.4%	1.00	0.00	0.31	0.02	0.58	0.43	59.2%	59.2%	0.1%	18.5%	1.0%	34.3%	25.6%
17			28		5	1.47	0.00	0.68	0.01	1.22	0.77		100.0%	0.1%	46.2%	0.6%	83.1%	52.2%	0.65	0.00	0.43	0.01	0.51	0.35	44.1%	44.1%	0.1%	29.4%	0.5%	34.6%	23.6%
18			34		5	1.05	0.01	0.80	0.00	0.98	0.52		100.0%	0.5%	76.3%	0.2%	92.8%	49.4%	0.37	0.01	0.51	0.00	0.31	0.19	48.7%	34.7%	0.5%	48.7%	0.2%	29.2%	17.8%
19			35		5	1.79	0.00	0.03	0.00	1.46	0.71		100.0%	0.1%	1.7%	0.1%	81.8%	39.9%	1.13	0.00	0.02	0.00	0.70	0.37	63.4%	63.4%	0.1%	1.0%	0.1%	39.2%	20.7%
20			36		5	1.46	0.00	0.17	0.00	1.09	0.74		100.0%	0.2%	11.4%	0.2%	74.7%	50.2%	0.90	0.00	0.05	0.00	0.54	0.39	61.7%	61.7%	0.1%	3.5%	0.1%	36.5%	26.7%
21			37		5	1.69	0.00	0.62	0.02	1.29	0.82		100.0%	0.1%	36.9%	1.1%	76.6%	48.7%	0.81	0.00	0.39	0.02	0.55	0.39	48.0%	48.0%	0.1%	23.1%	1.0%	32.5%	23.3%
22			256		1	0.29	0.00	0.01	0.00	0.21	0.11		100.0%	0.0%	2.4%	0.3%	72.1%	37.6%	0.14	0.00	0.01	0.00	0.08	0.05	48.6%	48.6%	0.0%	1.7%	0.3%	28.6%	15.9%
23			258		1	0.30	0.00	0.01	0.00	0.20	0.13		100.0%	0.0%	3.9%	0.7%	64.1%	41.4%	0.15	0.00	0.01	0.00	0.07	0.05	48.4%	48.4%	0.0%	2.6%	0.7%	24.0%	16.1%
24			260		1	0.34	0.00	0.02	0.00	0.22	0.14		100.0%	0.0%	6.3%	0.3%	66.0%	40.6%	0.16	0.00	0.01	0.00	0.08	0.06	47.2%	47.2%	0.0%	3.6%	0.3%	24.5%	16.7%
25			262		1	0.33	0.00	0.03	0.00	0.21	0.13		100.0%	0.3%	10.2%	0.6%	63.6%	40.1%	0.16	0.00	0.02	0.00	0.08	0.05	46.7%	46.7%	0.0%	6.0%	0.6%	24.1%	15.4%
26			264		1	0.30	0.00	0.05	0.00	0.19	0.13		100.0%	0.0%	17.9%	0.3%	62.8%	43.2%	0.14	0.00	0.03	0.00	0.07	0.06	46.6%	46.6%	0.0%	8.8%	0.3%	23.3%	18.6%
27			266		2	0.61	0.00	0.10	0.01	0.36	0.24		100.0%	0.2%	16.3%	0.8%	59.0%	38.6%	0.27	0.00	0.06	0.00	0.14	0.10	44.1%	44.1%	0.2%	9.8%	0.7%	23.3%	15.6%
28			267		2	0.75	0.00	0.03	0.00	0.53	0.34		100.0%	0.1%	4.0%	0.0%	71.4%	45.7%	0.44	0.00	0.02	0.00	0.24	0.16	59.2%	59.2%	0.1%	2.5%	0.0%	31.9%	22.0%
29			268		2	0.53	0.00	0.06	0.01	0.32	0.20		100.0%	0.2%	10.5%	1.1%	61.7%	38.7%	0.23	0.00	0.03	0.01	0.13	0.09	43.4%	43.4%	0.2%	6.3%	1.1%	24.4%	16.6%
30			269		2	0.53	0.00	0.06	0.01	0.29	0.21		100.0%	0.2%	11.2%	0.9%	54.7%	39.0%	0.21	0.00	0.04	0.01	0.10	0.08	39.7%	39.7%	0.2%	6.9%	0.9%	18.9%	15.5%
31			274		2	0.62	0.00	0.02	0.00	0.42	0.23		100.0%	0.0%	3.9%	0.3%	67.9%	37.6%	0.34	0.00	0.02	0.00	0.18	0.11	54.5%	54.5%	0.0%	2.7%	0.2%	29.4%	17.1%
32	J	Patch	275		2	0.59	0.00	0.02	0.00	0.41	0.26		100.0%	0.2%	2.9%	0.7%	70.5%	43.7%	0.32	0.00	0.01	0.00	0.19	0.12	54.4%	54.4%	0.2%	1.5%	0.7%	32.3%	20.5%
33			276		2	0.57	0.00	0.09	0.01	0.32	0.20		100.0%	0.2%	16.4%	1.1%	56.3%	35.2%	0.19	0.00	0.05	0.01	0.10	0.08	33.1%	33.1%	0.2%	9.3%	1.1%	16.9%	13.2%
34			280		5	1.11	0.00	0.34	0.01	0.62	0.49		100.0%	0.1%	31.0%	1.0%	56.0%	44.6%	0.54	0.00	0.22	0.01	0.27	0.22	48.5%	48.5%	0.1%	19.8%	0.9%	24.2%	20.1%
35			281		5	1.62	0.00	0.13	0.00	1.18	0.72		100.0%	0.1%	8.1%	0.1%	72.8%	44.1%	0.95	0.00	0.07	0.00	0.58	0.37	58.8%	58.8%	0.1%	4.6%	0.1%	35.5%	22.6%
36			282		5	1.59	0.00	0.06	0.00	1.15	0.75		100.0%	0.1%	3.8%	0.2%	72.0%	46.9%	0.93	0.00	0.03	0.00	0.54	0.39	58.3%	58.3%	0.1%	1.8%	0.2%	33.6%	24.4%
37			283		5	1.01	0.00	0.34	0.03	0.68	0.46		100.0%	0.1%	33.6%	2.6%	66.7%	45.2%	0.59	0.00	0.20	0.02	0.33	0.23	58.5%	58.5%	0.1%	19.5%	2.4%	32.3%	22.3%
38			284		5	1.16	0.00	0.35	0.01	0.70	0.53		100.0%	0.2%	29.8%	0.6%	60.0%	45.4%	0.62	0.00	0.22	0.01	0.32	0.24	53.1%	53.1%	0.1%	18.9%	0.5%	27.2%	21.0%
39			290		5	1.29	0.00	0.31	0.00	0.88	0.56		100.0%	0.2%	23.7%	0.2%	68.1%	43.5%	0.75	0.00	0.20	0.00	0.43	0.28	58.0%	58.0%	0.2%	15.5%	0.2%	33.5%	21.9%
40			291		5	1.81	0.00	0.03	0.00	1.31	0.82		100.0%	0.2%	1.8%	0.1%	72.2%	45.3%	1.13	0.00	0.02	0.00	0.61	0.42	62.3%	62.3%	0.2%	0.9%	0.1%	33.9%	23.4%
41			292		5	1.23	0.00	0.16	0.00	0.89	0.57		100.0%	0.3%	13.2%	0.2%	71.9%	46.1%	0.65	0.00	0.06	0.00	0.44	0.28	52.8%	52.8%	0.2%	5.1%	0.2%	35.9%	22.5%
42			293		5	0.92	0.00	0.35	0.02	0.57	0.43		100.0%	0.1%	37.8%	2.6%	61.7%	47.3%	0.46	0.00	0.21	0.02	0.23	0.19	50.6%	50.6%	0.1%	23.3%	2.3%	24.8%	20.5%
43			0	256	2	0.65	0.00	0.03	0.00	0.48	0.23		100.0%	0.2%	4.9%	0.5%	74.7%	35.2%	0.31	0.00	0.02	0.00	0.18	0.11	47.1%	47.1%	0.2%	3.5%	0.5%	27.8%	16.4%
44			2	258	2	0.68	0.00	0.06	0.01	0.48	0.27		100.0%	0.1%	8.3%	0.9%	70.2%	40.2%	0.32	0.00	0.03	0.01	0.19	0.12	46.7%	46.7%	0.1%	5.0%	0.7%	28.2%	17.3%
45			4	260	2	0.76	0.00	0.13	0.01	0.53	0.28		100.0%	0.3%	16.8%	0.8%	69.5%	37.5%	0.35	0.00	0.08	0.01	0.21	0.13	45.7%	45.7%	0.1%	11.0%	0.7%	28.0%	16.9%
46			6	262	2	0.66	0.00	0.20	0.00	0.55	0.32		100.0%	0.3%	29.6%	0.6%	83.1%	48.0%	0.30	0.00	0.12	0.00	0.21	0.12	45.6%	45.6%	0.3%	17.5%	0.6%	31.4%	17.5%
47			8	264	2	0.65	0.00	0.20	0.00	0.47	0.25		100.0%	0.2%	31.3%	0.3%	71.3%	39.0%	0.29	0.00	0.10	0.00	0.16	0.11	44.6%	44.6%	0.2%	15.8%	0.3%	25.2%	17.3%
48			10	266	4	1.46	0.00	0.40	0.02	1.03	0.50		100.0%	0.2%	27.5%	1.2%	70.1%	34.4%	0.63	0.00	0.26	0.02	0.37	0.22	43.2%	43.2%	0.2%	18.0%	1.1%	24.9%	14.8%
49			11	267	4	1.50	0.00	0.28	0.00	1.28	0.67		100.0%	0.3%	18.7%	0.1%	84.9%	44.8%	0.90	0.00	0.18	0.00	0.59	0.33	60.0%	60.0%	0.3%	11.7%	0.1%	39.0%	22.3%
50			12	268	4	1.59	0.00	0.21	0.02	1.19	0.74		100.0%	0.2%	13.3%	1.3%	74.6%	46.4%	0.83	0.00	0.12	0.02	0.49	0.34	51.9%	51.9%	0.1%	7.5%	1.2%	30.6%	21.5%
51			13	269	4	1.20	0.00	0.17	0.01	0.84	0.51		100.0%	0.2%	14.3%	1.2%	69.8%	42.1%	0.50	0.00	0.12	0.01	0.30	0.20	41.7%	41.7%	0.2%	9.7%	1.0%	25.0%	16.7%
52			18	274	4	1.24	0.00	0.35	0.01	0.92	0.51		100.0%	0.2%	27.8%	0.5%	73.9%	41.3%	0.63	0.00	0.22	0.01	0.36	0.22	50.7%	50.7%	0.2%	18.0%	0.4%	29.0%	17.9%
53			19	275	4	1.33	0.00	0.12	0.01	1.07	0.58		100.0%	0.2%	8.7%	0.6%	80.5%	43.2%	0.74	0.00	0.06	0.01	0.49	0.26	55.6%	55.6%	0.2%	4.5%	0.6%	36.5%	19.3%
54			20	276	4	1.38	0.00	0.50	0.02	1.00	0.72		100.0%	0.3%	36.0%	1.3%	72.4%	52.0%	0.59	0.00	0.31	0.02	0.32	0.29	42.9%	42.9%	0.3%	22.3%	1.2%	23.5%	20.6%
55			24	280	10	3.12	0.00	1.52	0.03	2.45	1.71		100.0%	0.1%	48.7%	0.9%	78.5%	54.9%	1.59	0.00	0.97	0.03	0.99	0.76	50.8%	50.8%	0.1%	31.0%	0.8%	31.8%	24.4%
56			25	281	10	3.47	0.01	0.61	0.01	2.97	1.62		100.0%	0.2%	17.6%	0.1%	85.4%	46.5%	2.06	0.01	0.34	0.01	1.50	0.85	59.3%	59.3%	0.2%	9.8%	0.1%	43.0%	24.3%
57			26	282	10	3.71	0.01	0.11	0.01	3.13	1.83		100.0%	0.1%	2.9%	0.2%	84.4%	49.4%	2.21	0.01	0.06	0.01	1.57	0.99	59.7%	59.7%	0.1%	1.5%	0.2%	42.4%	26.6%
58			27	283	10	3.80	0.01	1.24	0.08	2.53	2.01		100.0%	0.2%	32.6%	2.1%	66.6%	52.8%	2.24	0.01	0.72	0.08	1.24	1.03	59.0%	59.0%	0.1%	18.9%	2.0%	32.6%	27.1%
59			28	284	10	3.29	0.00	1.53	0.03	2.49	1.74		100.0%	0.1%	46.7%	0.8%	75.9%	52.9%	1.68	0.00	0.98	0.02	1.00	0.77	51.1%	51.1%	0.1%	29.7%	0.7%	30.4%	23.5%
60			34	290	10	3.12	0.01	1.83	0.01	2.34	1.39		100.0%	0.4%	58.8%	0.2%	75.1%	44.4%	1.83	0.01	1.18	0.01	1.10	0.73	58.5%	58.5%	0.3%	37.7%	0.2%	35.3%	23.3%
61			35	291	10	3.83	0.01	0.09	0.00	3.27	1.79		100.0%	0.2%	2.3%	0.1%	85.5%	46.6%	2.41	0.01	0.04	0.00	1.58	0.93	62.9%	62.9%	0.1%	1.1%	0.1%	41.3%	24.4%
62			36	292	10	3.52	0.01	0.45	0.01	2.60	1.89		100.0%	0.2%	12.7%	0.3%	74.0%	53.9%	2.00	0.01	0.16	0.01	1.34	0.98	57.0%	57.0%	0.2%	4.6%	0.3%	38.0%	27.9%
63			37	293	10	3.48	0.00	1.34	0.07	2.34	1.92		100.0%	0.1%	38.4%	2.1%	67.2%	55.0%	1.79	0.00	0.83	0.07	1.00	0.91	51.3%	51.3%	0.1%	23.9%	1.9%	28.7%	26.1%

- High CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
max ratio out of all beams													100.0%	0.4%	61.8%	2.9%	86.0%	51.4%							63.0%	63.0%	0.4%	40.1%	2.7%	43.2%	27.5%
1			0		1	0.27	0.00	0.01	0.00	0.20	0.11		100.0%	0.0%	5.2%	0.4%	75.1%	40.9%	0.13	0.00	0.01	0.00	0.07	0.04	46.8%	46.8%	0.0%	3.7%	0.4%	26.0%	15.2%
2			2		1	0.32	0.00	0.02	0.00	0.23	0.13		100.0%	0.0%	7.4%	0.3%	71.5%	41.5%	0.14	0.00	0.01	0.00	0.08	0.05	44.6%	44.6%	0.0%	4.6%	0.3%	23.8%	15.2%
3			4		1	0.38	0.00	0.05	0.00	0.27	0.14		100.0%	0.3%	12.8%	0.3%	72.0%	36.3%	0.16	0.00	0.03	0.00	0.09	0.05	43.5%	43.5%	0.3%	8.5%	0.3%	25.1%	13.9%
4			6		1	0.29	0.00	0.08	0.00	0.21	0.12		100.0%	0.3%	26.7%	0.3%	72.6%	42.7%	0.12	0.00	0.05	0.00	0.06	0.05	41.7%	41.7%	0.3%	15.6%	0.3%	21.2%	15.6%
5			8		1	0.30	0.00	0.08	0.00	0.21	0.12		100.0%	0.3%	25.8%	0.3%	70.4%	38.4%	0.13	0.00	0.04	0.00	0.07	0.04	44.4%	44.4%	0.0%	12.3%	0.3%	21.9%	13.9%
6			10		2	0.66	0.00	0.11	0.00	0.46	0.22		100.0%	0.2%	16.0%	0.5%	69.8%	33.1%	0.23	0.00	0.07	0.00	0.13	0.10	34.3%	34.3%	0.2%	10.6%	0.5%	19.1%	14.9%
7			11		2	0.50	0.00	0.15	0.00	0.39	0.22		100.0%	0.4%	29.0%	0.0%	78.2%	43.4%	0.28	0.00	0.09	0.00	0.16	0.10	56.2%	56.2%	0.4%	18.2%	0.0%	32.0%	20.4%
8			12		2	0.80	0.00	0.10	0.00	0.58	0.35		100.0%	0.1%	12.8%	0.5%	73.5%	44.0%	0.42	0.00	0.06	0.00	0.24	0.15	53.1%	53.1%	0.1%	7.0%	0.5%	29.7%	19.2%
9			13		2	0.55	0.00	0.07	0.00	0.40	0.21		100.0%	0.2%	12.4%	0.4%	72.6%	37.8%	0.19	0.00	0.05	0.00	0.12	0.08	34.6%	34.6%	0.2%	8.2%	0.4%	21.6%	15.0%
10			18		2	0.49	0.00	0.22	0.00	0.38	0.19		100.0%	0.4%	46.0%	0.4%	78.1%	38.1%	0.20	0.00	0.14	0.00	0.11	0.08	42.1%	42.1%	0.4%	29.3%	0.2%	22.9%	16.9%
11			19		2	0.68	0.00	0.07	0.00	0.51	0.31		100.0%	0.0%	10.3%	0.1%	75.8%	45.4%	0.41	0.00	0.03	0.00	0.25	0.15	60.0%	60.0%	0.0%	5.0%	0.1%	33.8%	21.5%
12			20		2	0.68	0.00	0.18	0.00	0.50	0.31		100.0%	0.1%	26.5%	0.6%	73.4%	45.1%	0.31	0.00	0.11	0.00	0.18	0.12	45.1%	45.1%	0.1%	16.3%	0.4%	26.2%	18.0%
13			24		5	1.36	0.00	0.55	0.01	1.05	0.64		100.0%	0.1%	40.4%	0.3%	77.5%	47.2%	0.61	0.00	0.34	0.00	0.43	0.29	44.8%	44.8%	0.1%	25.3%	0.2%	31.7%	21.5%
14			25		5	0.77	0.00	0.30	0.00	0.64	0.34		100.0%	0.4%	38.8%	0.5%	83.6%	44.4%	0.45	0.00	0.17	0.00	0.31	0.18	58.6%	58.6%	0.4%	21.7%	0.1%	40.5%	23.2%
15			26		5	1.44	0.00	0.03	0.00	1.08	0.72		100.0%	0.2%	2.1%	0.1%	74.4%	50.1%	0.91	0.00	0.02	0.00	0.51	0.38	63.0%	63.0%	0.2%	1.0%	0.1%	35.6%	26.6%
16			27		5	1.82	0.00	0.57	0.02	1.34	0.85		100.0%	0.1%	31.3%	0.9%	73.5%	46.6%	1.09	0.00	0.31	0.02	0.63	0.44	59.7%	59.7%	0.1%	17.0%	0.9%	34.7%	24.3%
17			28		5	1.45	0.00	0.59	0.01	1.14	0.69		100.0%	0.1%	40.3%	0.3%	78.3%	47.5%	0.67	0.00	0.37	0.00	0.47	0.32	46.4%	46.4%	0.1%	25.3%	0.3%	32.1%	21.9%
18			34		5	1.05	0.00	0.65	0.00	0.80	0.52		100.0%	0.4%	61.8%	0.2%	76.4%	49.5%	0.58	0.00	0.42	0.00	0.30	0.27	55.0%	55.0%	0.4%	40.1%	0.2%	28.4%	25.7%
19			35		5	1.52	0.00	0.03	0.00	1.18	0.67		100.0%	0.1%	2.2%	0.1%	77.8%	44.0%	0.96	0.00	0.02	0.00	0.56	0.35	63.0%	63.0%	0.1%	1.3%	0.1%	36.9%	22.7%
20			36		5	1.43	0.00	0.16	0.00	1.03	0.73		100.0%	0.2%	11.0%	0.2%	72.2%	51.4%	0.88	0.00	0.04	0.00	0.49	0.39	61.7%	61.7%	0.1%	3.1%	0.2%	34.4%	27.5%
21			37		5	1.65	0.00	0.62	0.01	1.25	0.77		100.0%	0.1%	37.4%	0.8%	75.4%	46.3%	0.87	0.00	0.39	0.01	0.54	0.38	52.6%	52.6%	0.1%	23.4%	0.7%	32.8%	22.9%
22			256		1	0.29	0.00	0.01	0.00	0.21	0.09		100.0%	0.0%	2.8%	0.4%	74.7%	31.2%	0.14	0.00	0.01	0.00	0.08	0.04	49.8%	49.8%	0.0%	1.8%	0.4%	29.5%	12.6%
23			258		1	0.29	0.00	0.01	0.00	0.20	0.10		100.0%	0.0%	4.8%	0.7%	68.8%	33.9%	0.14	0.00	0.01	0.00	0.07	0.04	46.9%	46.9%	0.0%	3.1%	0.7%	25.0%	12.3%
24			260		1	0.34	0.00	0.02	0.00	0.24	0.11		100.0%	0.0%	6.7%	0.3%	71.1%	33.3%	0.17	0.00	0.02	0.00	0.09	0.04	48.5%	48.5%	0.0%	4.4%	0.3%	27.5%	12.0%
25			262		1	0.32	0.00	0.04	0.00	0.22	0.11		100.0%	0.3%	12.7%	0.5%	68.5%	33.6%	0.15	0.00	0.02	0.00	0.08	0.04	46.3%	46.3%	0.0%	7.4%	0.3%	25.0%	12.0%
26			264		1	0.28	0.00	0.06	0.00	0.19	0.10		100.0%	0.0%	20.0%	0.4%	67.5%	37.1%	0.13	0.00	0.03	0.00	0.07	0.04	45.7%	45.7%	0.0%	10.0%	0.4%	23.9%	15.0%
27			266		2	0.61	0.00	0.11	0.00	0.38	0.22		100.0%	0.2%	18.7%	0.5%	62.6%	35.5%	0.28	0.00	0.07	0.00	0.16	0.09	46.5%	46.5%	0.2%	11.5%	0.5%	25.8%	15.1%
28			267		2	0.74	0.00	0.05	0.00	0.57	0.28		100.0%	0.1%	6.5%	0.0%	77.3%	37.7%	0.44	0.00	0.03	0.00	0.26	0.13	59.7%	59.7%	0.1%	4.2%	0.0%	35.6%	17.3%
29			268		2	0.54	0.00	0.06	0.01	0.37	0.18		100.0%	0.2%	10.2%	1.1%	67.7%	32.5%	0.25	0.00	0.03	0.01	0.15	0.07	46.4%	46.4%	0.1%	6.1%	1.1%	27.5%	13.5%
30			269		2	0.54	0.00	0.06	0.01	0.33	0.17		100.0%	0.2%	10.3%	1.1%	61.4%	31.5%	0.20	0.00	0.04	0.01	0.11	0.07	37.3%	37.3%	0.2%	6.5%	0.9%	19.9%	12.7%
31			274		2	0.59	0.00	0.03	0.00	0.42	0.20		100.0%	0.0%	4.3%	0.2%	71.7%	33.2%	0.31	0.00	0.02	0.00	0.19	0.08	53.5%	53.5%	0.0%	2.9%	0.2%	31.7%	15.0%
32	J	Patch	275		2	0.57	0.00	0.02	0.00	0.42	0.20		100.0%	0.2%	3.4%	0.7%	74.9%	35.6%	0.32	0.00	0.01	0.00	0.19	0.09	56.3%	56.3%	0.1%	1.9%	0.7%	34.3%	16.6%
33			276		2	0.57	0.00	0.10	0.01	0.34	0.17		100.0%	0.2%	17.0%	0.9%	60.2%	29.5%	0.19	0.00	0.06	0.01	0.10	0.07	33.7%	33.7%	0.2%	10.0%	0.9%	18.2%	11.8%
34			280		5	1.07	0.00	0.35	0.01	0.68	0.41		100.0%	0.1%	32.6%	0.7%	63.9%	38.4%	0.53	0.00	0.22	0.01	0.30	0.19	49.3%	49.3%	0.1%	20.7%	0.6%	28.0%	17.4%
35			281		5	1.66	0.00	0.20	0.00	1.28	0.67		100.0%	0.1%	12.0%	0.1%	77.1%	40.2%	1.01	0.00	0.12	0.00	0.63	0.34	60.7%	60.7%	0.1%	7.0%	0.1%	38.3%	20.5%
36			282		5	1.50	0.00	0.06	0.00	1.17	0.56		100.0%	0.2%	4.2%	0.3%	78.3%	37.2%	0.89	0.00	0.03	0.00	0.56	0.28	59.3%	59.3%	0.1%	2.0%	0.1%	37.5%	18.9%
37			283		5	0.99	0.00	0.34	0.03	0.70	0.40		100.0%	0.2%	34.0%	2.9%	71.0%	40.7%	0.60	0.00	0.19	0.03	0.35	0.20	60.3%	60.3%	0.2%	19.2%	2.7%	35.4%	20.0%
38			284		5	1.08	0.00	0.35	0.00	0.73	0.43		100.0%	0.1%	32.1%	0.4%	67.3%	39.9%	0.59	0.00	0.22	0.00	0.34	0.20	54.8%	54.8%	0.1%	20.4%	0.4%	31.5%	18.7%
39			290		5	1.20	0.00	0.34	0.00	0.87	0.48		100.0%	0.2%	28.5%	0.2%	72.7%	40.1%	0.71	0.00	0.23	0.00	0.43	0.24	59.3%	59.3%	0.2%	18.9%	0.2%	35.5%	20.1%
40			291		5	1.63	0.00	0.05	0.00	1.26	0.63		100.0%	0.2%	3.2%	0.1%	77.5%	38.7%	1.02	0.00	0.03	0.00	0.62	0.34	62.3%	62.3%	0.1%	2.0%	0.1%	38.1%	20.6%
41			292		5	1.31	0.00	0.18	0.01	1.04	0.46		100.0%	0.2%	14.1%	0.5%	79.3%	35.4%	0.74	0.00	0.06	0.00	0.50	0.22	56.5%	56.5%	0.2%	4.7%	0.3%	38.2%	17.1%
42			293		5	0.91	0.00	0.35	0.02	0.63	0.38		100.0%	0.1%	38.6%	2.3%	69.7%	41.8%	0.48	0.00	0.22	0.02	0.27	0.17	53.0%	53.0%	0.1%	23.8%	2.1%	29.3%	18.7%
43			0	256	2	0.66	0.00	0.03	0.00	0.53	0.25		100.0%	0.2%	5.2%	0.6%	80.5%	38.5%	0.31	0.00	0.02	0.00	0.20	0.10	47.3%	47.3%	0.2%	3.7%	0.5%	30.7%	15.2%
44			2	258	2	0.68	0.00	0.06	0.01	0.52	0.29		100.0%	0.1%	9.0%	0.9%	76.2%	42.2%	0.32	0.00	0.04	0.01	0.19	0.12	46.7%	46.7%	0.1%	5.6%	0.9%	28.1%	17.6%
45			4	260	2	0.79	0.00	0.13	0.01	0.60	0.27		100.0%	0.1%	15.9%	0.6%	76.0%	33.9%	0.35	0.00	0.08	0.01	0.21	0.11	44.8%	44.8%	0.1%	10.4%	0.6%	26.5%	14.2%
46			6	262	2	0.66	0.00	0.21	0.00	0.54	0.30		100.0%	0.3%	31.5%	0.6%	82.0%	45.2%	0.30	0.00	0.12	0.00	0.19	0.11	46.1%	46.1%	0.3%	18.7%	0.5%	29.2%	16.9%
47			8	264	2	0.66	0.00	0.21	0.00	0.47	0.25		100.0%	0.2%	32.1%	0.5%	71.4%	38.5%	0.30	0.00	0.11	0.00	0.16	0.10	46.1%	46.1%	0.2%	16.2%	0.3%	23.9%	15.0%
48			10	266	4	1.56	0.00	0.39	0.01	1.16	0.54		100.0%	0.2%	24.8%	0.8%	74.7%	34.9%	0.74	0.00	0.25	0.01	0.46	0.24	47.4%	47.4%	0.2%	16.2%	0.7%	29.6%	15.6%
49			11	267	4	1.53	0.01	0.35	0.00	1.27	0.67		100.0%	0.3%	22.8%	0.1%	83.4%	43.8%	0.93	0.01	0.22	0.00	0.59	0.34	60.5%	60.5%	0.3%	14.4%	0.1%	38.6%	22.1%
50			12	268	4	1.65	0.00	0.23	0.02	1.21	0.76		100.0%	0.2%	13.9%	1.2%	73.4%	46.0%	0.90	0.00	0.13	0.02	0.49	0.34	54.3%	54.3%	0.1%	7.8%	1.1%	29.5%	20.8%
51			13	269	4	1.32	0.00	0.18	0.01	0.90	0.53		100.0%	0.2%	13.5%	0.9%	68.4%	40.1%	0.54	0.00	0.11	0.01	0.34	0.20	41.0%	41.0%	0.2%	8.4%	0.8%	25.9%	15.3%
52			18	274	4	1.20	0.00	0.30	0.01	0.85	0.47		100.0%	0.2%	24.8%	0.5%	71.0%	39.5%	0.62	0.00	0.20	0.01	0.34	0.21	51.8%	51.8%	0.2%	16.5%	0.4%	28.2%	17.9%
53			19	275	4	1.19	0.00	0.13	0.01	0.94	0.53		100.0%	0.2%	10.6%	0.8%	79.0%	44.2%	0.68	0.00	0.07	0.01	0.41	0.25	57.4%	57.4%	0.2%	5.6%	0.8%	34.9%	21.2%
54			20	276	4	1.52	0.00	0.46	0.02	1.14	0.70		100.0%	0.2%	30.2%	1.1%	75.1%	45.8%	0.67	0.00	0.28	0.02	0.36	0.27	44.2%	44.2%	0.2%	18.6%	1.0%	24.0%	17.8%
55			24	280	10	3.25	0.00	1.41	0.02	2.54	1.53		100.0%	0.1%	43.3%	0.6%	78.3%	47.1%	1.74	0.00	0.89	0.02	1.07	0.72	53.5%	53.5%	0.1%	27.4%	0.5%	32.9%	22.1%
56			25	281	10	3.46	0.01	0.93	0.01	2.72	1.71		100.0%	0.3%	26.9%	0.1%	78.5%	49.4%	2.12	0.01	0.53	0.01	1.37	0.91	61.1%	61.1%	0.3%	15.4%	0.1%	39.6%	26.3%
57			26	282	10	3.56	0.01	0.11	0.01	2.65	1.59		100.0%	0.1%	3.0%	0.3%	74.3%	44.8%	2.18	0.01	0.05	0.01	1.27	0.81	61.1%	61.1%	0.1%	1.5%	0.2%	35.5%	22.8%
58			27	283	10	3.88	0.00	1.27	0.08	2.74	1.83		100.0%	0.1%	32.7%	2.1%	70.6%	46.8%	2.34	0.00	0.71	0.08	1.35	0.95	60.3%	60.3%	0.1%	18.3%	2.0%	34.7%	24.3%
59			28	284	10	3.30	0.00	1.43	0.02	2.64	1.56		100.0%	0.1%	43.3%	0.5%	80.0%	47.2%	1.78	0.00	0.91	0.01	1.12	0.71	53.9%	53.9%	0.1%	27.4%	0.4%	33.8%	21.6%
60			34	290	10	3.43	0.01	1.66	0.01	2.73	1.44		100.0%	0.2%	48.4%	0.1%	79.7%	42.0%	2.05	0.01	1.08	0.01	1.29	0.75	59.8%	59.8%	0.2%	31.6%	0.1%	37.6%	21.8%
61			35	291	10	3.54	0.01	0.15	0.00	3.04	1.74		100.0%	0.2%	4.3%	0.1%	86.0%	49.3%	2.21	0.01	0.09	0.00	1.53	0.93	62.5%	62.5%	0.2%	2.6%	0.1%	43.2%	26.3%
62			36	292	10	3.90	0.01	0.48	0.02	2.75	1.88		100.0%	0.2%	12.3%	0.4%	70.6%	48.2%	2.34	0.01	0.15	0.01	1.32	0.96	60.1%	60.1%	0.2%	3.7%	0.4%	33.7%	24.5%
63			37	293	10	3.56	0.00	1.41	0.06	2.58	1.72		100.0%	0.1%	39.6%	1.7%	72.5%	48.2%	1.96	0.00	0.88	0.05	1.16	0.84	55.0%	55.0%	0.1%	24.6%	1.5%	32.7%	23.5%

[Folder Close Status]

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No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	max ratio out of all beams: ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)
													100.0%	7.5%	80.0%	3.3%	28.8%	100.0%
1			0		1	0.27	0.00	0.03	0.00	0.02	0.15		100.0%	1.1%	11.2%	0.4%	7.5%	56.6%
2			2		1	0.31	0.00	0.04	0.00	0.02	0.20		100.0%	0.6%	12.1%	0.6%	7.0%	64.5%
3			4		1	0.32	0.00	0.08	0.00	0.02	0.19		100.0%	0.9%	25.7%	0.6%	7.1%	57.9%
4			6		1	0.31	0.00	0.10	0.00	0.02	0.20		100.0%	1.0%	31.9%	0.3%	6.4%	63.6%
5			8		1	0.29	0.00	0.09	0.00	0.02	0.18		100.0%	1.0%	30.6%	0.3%	5.1%	60.5%
6			10		2	0.48	0.01	0.22	0.01	0.03	0.34		100.0%	1.0%	46.1%	1.5%	6.1%	70.1%
7			11		2	0.66	0.01	0.12	0.00	0.06	0.46		100.0%	0.9%	18.3%	0.2%	9.5%	70.3%
8			12		2	0.71	0.01	0.11	0.01	0.06	0.48		100.0%	1.0%	15.7%	0.8%	8.3%	67.6%
9			13		2	0.42	0.01	0.12	0.01	0.03	0.28		100.0%	1.2%	29.3%	1.2%	6.7%	67.6%
10			18		2	0.49	0.01	0.27	0.00	0.04	0.35		100.0%	1.2%	55.9%	0.4%	9.0%	71.0%
11			19		2	0.78	0.01	0.08	0.00	0.07	0.54		100.0%	0.6%	10.0%	0.3%	8.8%	69.6%
12			20		2	0.54	0.01	0.32	0.01	0.04	0.47		100.0%	1.7%	58.8%	0.9%	7.2%	87.9%
13			24		5	1.38	0.01	1.05	0.02	0.12	1.36		100.0%	0.9%	76.7%	1.1%	8.7%	98.9%
14			25		5	1.50	0.01	0.10	0.00	0.18	1.07		100.0%	0.9%	6.6%	0.1%	11.7%	71.3%
15			26		5	1.78	0.02	0.06	0.00	0.21	1.28		100.0%	1.1%	3.1%	0.1%	12.0%	71.8%
16			27		5	1.55	0.02	0.56	0.02	0.16	1.17		100.0%	1.5%	36.3%	1.2%	10.3%	75.0%
17			28		5	1.39	0.01	1.05	0.02	0.14	1.35		100.0%	0.6%	75.4%	1.3%	9.7%	97.3%
18			34		5	0.97	0.01	0.83	0.01	0.06	1.04		93.3%	1.4%	80.0%	0.5%	5.8%	100.0%
19			35		5	1.83	0.01	0.04	0.00	0.22	1.32		100.0%	0.5%	2.4%	0.1%	11.8%	72.3%
20			36		5	1.58	0.04	0.27	0.00	0.20	1.10		100.0%	2.3%	17.1%	0.1%	12.6%	69.5%
21			37		5	1.42	0.01	0.82	0.03	0.17	1.21		100.0%	0.4%	57.7%	2.0%	11.9%	84.9%
22			256		1	0.29	0.01	0.01	0.00	0.05	0.11		100.0%	2.4%	2.8%	0.7%	17.2%	39.3%
23			258		1	0.29	0.01	0.01	0.00	0.05	0.13		100.0%	2.8%	4.2%	0.7%	18.8%	44.6%
24			260		1	0.33	0.01	0.02	0.00	0.06	0.15		100.0%	2.7%	6.4%	0.6%	18.2%	45.8%
25			262		1	0.28	0.01	0.03	0.00	0.07	0.12		100.0%	2.8%	11.6%	0.4%	23.9%	40.5%
26			264		1	0.32	0.01	0.06	0.00	0.07	0.11		100.0%	2.5%	18.2%	0.3%	21.6%	35.2%
27			266		2	0.49	0.01	0.09	0.01	0.09	0.21		100.0%	1.8%	18.5%	1.0%	18.5%	42.3%
28			267		2	0.75	0.03	0.03	0.00	0.20	0.39		100.0%	4.1%	3.6%	0.3%	26.1%	51.9%
29			268		2	0.51	0.01	0.06	0.01	0.10	0.21		100.0%	2.1%	11.5%	1.0%	19.5%	40.2%
30			269		2	0.46	0.01	0.05	0.01	0.06	0.20		100.0%	2.2%	11.9%	1.3%	13.4%	43.5%
31			274		2	0.59	0.02	0.02	0.00	0.12	0.27		100.0%	3.1%	2.9%	0.5%	20.5%	46.8%
32	J	Patch	275		2	0.62	0.02	0.03	0.00	0.13	0.30		100.0%	2.7%	4.5%	0.6%	21.5%	48.3%
33			276		2	0.45	0.01	0.10	0.01	0.06	0.16		100.0%	2.7%	21.2%	1.1%	14.1%	35.9%
34			280		5	0.94	0.02	0.34	0.02	0.19	0.44		100.0%	1.7%	36.6%	1.6%	20.5%	47.0%
35			281		5	1.66	0.06	0.10	0.00	0.44	0.88		100.0%	3.6%	6.0%	0.2%	26.3%	52.7%
36			282		5	1.77	0.12	0.08	0.01	0.43	0.94		100.0%	6.5%	4.7%	0.3%	24.2%	53.5%
37			283		5	0.82	0.03	0.35	0.02	0.23	0.37		100.0%	3.2%	42.5%	2.8%	27.5%	45.3%
38			284		5	0.97	0.02	0.35	0.01	0.22	0.47		100.0%	1.7%	36.0%	1.0%	22.8%	48.2%
39			290		5	0.97	0.02	0.29	0.01	0.25	0.48		100.0%	1.7%	29.7%	0.6%	25.5%	49.9%
40			291		5	1.83	0.14	0.03	0.00	0.46	0.95		100.0%	7.5%	1.4%	0.2%	25.2%	51.8%
41			292		5	1.45	0.03	0.24	0.00	0.42	0.69		100.0%	1.9%	16.4%	0.1%	28.8%	47.3%
42			293		5	0.85	0.02	0.34	0.03	0.17	0.38		100.0%	2.0%	39.6%	3.3%	19.8%	44.2%
43			0	256	2	0.58	0.01	0.04	0.01	0.09	0.30		100.0%	2.1%	7.4%	0.9%	15.4%	51.5%
44			2	258	2	0.68	0.01	0.08	0.01	0.10	0.39		100.0%	1.8%	11.2%	0.9%	14.0%	57.6%
45			4	260	2	0.69	0.02	0.15	0.01	0.10	0.39		100.0%	2.2%	21.6%	0.7%	14.0%	56.1%
46			6	262	2	0.66	0.02	0.19	0.00	0.10	0.37		100.0%	2.3%	29.4%	0.6%	15.2%	56.4%
47			8	264	2	0.68	0.01	0.24	0.00	0.10	0.37		100.0%	2.0%	34.4%	0.4%	13.9%	54.4%
48			10	266	4	1.08	0.02	0.44	0.02	0.16	0.69		100.0%	1.7%	41.2%	1.5%	14.8%	63.6%
49			11	267	4	1.56	0.05	0.22	0.00	0.28	1.00		100.0%	3.3%	14.0%	0.2%	18.1%	64.5%
50			12	268	4	1.49	0.02	0.26	0.02	0.21	0.89		100.0%	1.4%	17.2%	1.2%	14.1%	59.8%
51			13	269	4	1.07	0.02	0.25	0.02	0.13	0.57		100.0%	1.5%	23.7%	1.4%	12.6%	53.5%
52			18	274	4	1.08	0.03	0.36	0.01	0.16	0.57		100.0%	2.8%	33.1%	0.8%	14.9%	52.6%
53			19	275	4	1.38	0.03	0.16	0.01	0.19	0.84		100.0%	2.2%	11.5%	0.6%	13.9%	60.5%
54			20	276	4	1.17	0.03	0.57	0.02	0.13	0.90		100.0%	2.2%	49.1%	1.4%	11.5%	77.2%
55			24	280	10	2.76	0.04	1.97	0.05	0.40	2.54		100.0%	1.3%	71.2%	1.7%	14.4%	92.0%
56			25	281	10	3.56	0.11	0.33	0.01	0.62	2.22		100.0%	3.0%	9.2%	0.2%	17.3%	62.4%
57			26	282	10	4.12	0.20	0.17	0.01	0.70	2.75		100.0%	4.8%	4.2%	0.2%	17.0%	66.6%
58			27	283	10	3.43	0.07	1.39	0.07	0.57	2.12		100.0%	2.1%	40.4%	2.0%	16.5%	61.6%
59			28	284	10	2.80	0.02	1.96	0.04	0.44	2.53		100.0%	0.9%	70.2%	1.5%	15.8%	90.4%
60			34	290	10	2.20	0.04	1.69	0.02	0.44	2.03		100.0%	1.7%	77.0%	0.8%	19.9%	92.3%
61			35	291	10	3.95	0.18	0.10	0.01	0.67	2.55		100.0%	4.6%	2.6%	0.1%	17.0%	64.5%
62			36	292	10	3.81	0.09	0.66	0.01	0.79	2.22		100.0%	2.3%	17.2%	0.2%	20.8%	58.2%
63			37	293	10	3.07	0.04	1.58	0.09	0.55	2.40		100.0%	1.1%	51.5%	3.0%	17.8%	78.1%

No.	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	max ratio out of all beams: ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
							71.0%	71.0%	5.6%	53.5%	2.9%	18.2%	51.5%
1	0.14	0.00	0.02	0.00	0.01	0.07	53.6%	53.6%	0.7%	8.2%	0.4%	3.0%	24.7%
2	0.18	0.00	0.03	0.00	0.01	0.09	55.9%	55.9%	0.6%	8.0%	0.6%	2.9%	29.1%
3	0.18	0.00	0.06	0.00	0.01	0.08	56.7%	56.7%	0.9%	17.3%	0.6%	2.8%	25.7%
4	0.16	0.00	0.06	0.00	0.01	0.08	49.5%	49.5%	1.0%	19.5%	0.3%	2.6%	24.6%
5	0.14	0.00	0.05	0.00	0.01	0.07	48.0%	48.0%	0.7%	15.6%	0.3%	1.7%	23.5%
6	0.19	0.01	0.15	0.01	0.01	0.15	39.9%	39.9%	1.0%	31.3%	1.3%	2.7%	31.3%
7	0.45	0.01	0.07	0.00	0.03	0.24	68.3%	68.3%	0.8%	10.7%	0.2%	4.0%	36.4%
8	0.43	0.01	0.08	0.01	0.02	0.23	60.3%	60.3%	0.7%	10.9%	0.8%	3.4%	32.1%
9	0.17	0.00	0.09	0.00	0.01	0.13	41.0%	41.0%	1.0%	20.4%	1.0%	2.6%	30.7%
10	0.31	0.01	0.17	0.00	0.02	0.17	62.6%	62.6%	1.0%	35.5%	0.4%	3.7%	34.7%
11	0.53	0.00	0.04	0.00	0.03	0.27	67.3%	67.3%	0.5%	4.9%	0.1%	3.6%	34.4%
12	0.22	0.01	0.21	0.01	0.02	0.22	41.6%	41.0%	1.5%	39.1%	0.9%	3.0%	41.6%
13	0.63	0.01	0.74	0.01	0.05	0.70	53.5%	46.1%	0.7%	53.5%	0.9%	3.3%	50.9%
14	1.03	0.01	0.04	0.00	0.09	0.61	68.7%	68.7%	0.7%	2.9%	0.1%	5.8%	40.6%
15	1.24	0.02	0.02	0.00	0.10	0.74	69.7%	69.7%	0.9%	1.2%	0.1%	5.6%	41.7%
16	0.92	0.02	0.33	0.02	0.08	0.63	59.1%	59.1%	1.0%	21.5%	1.2%	4.8%	40.7%
17	0.66	0.01	0.73	0.02	0.05	0.72	52.8%	47.2%	0.5%	52.8%	1.2%	3.8%	51.5%
18	0.33	0.01	0.49	0.00	0.03	0.42	46.8%	32.1%	1.2%	46.8%	0.3%	2.9%	40.5%
19	1.30	0.01	0.03	0.00	0.10	0.76	71.0%	71.0%	0.4%	1.4%	0.1%	5.5%	41.6%
20	1.10	0.03	0.09	0.00	0.10	0.63	69.5%	69.5%	2.0%	5.8%	0.1%	6.3%	39.8%
21	0.69	0.01	0.55	0.03	0.07	0.68	48.5%	48.5%	0.4%	38.8%	1.8%	5.2%	48.0%
22	0.14	0.01	0.01	0.00	0.03	0.05	49.0%	49.0%	1.7%	1.7%	0.7%	9.3%	17.2%
23	0.17	0.01	0.01	0.00	0.03	0.06	57.5%	57.5%	2.1%	2.4%	0.7%	9.8%	20.6%
24	0.17	0.01	0.01	0.00	0.04	0.07	50.6%	50.6%	2.1%	3.6%	0.6%	11.2%	21.5%
25	0.16	0.01	0.02	0.00	0.04	0.05	57.7%	57.7%	2.1%	7.0%	0.4%	13.4%	18.7%
26	0.17	0.01	0.03	0.00	0.04	0.05	53.4%	53.4%	1.9%	8.6%	0.3%	11.1%	14.5%
27	0.24	0.01	0.06	0.00	0.05	0.09	49.4%	49.4%	1.2%	11.2%	0.8%	9.8%	17.9%
28	0.48	0.02	0.02	0.00	0.13	0.20	63.9%	63.9%	2.9%	2.0%	0.1%	16.7%	26.7%
29	0.26	0.01	0.03	0.01	0.06	0.09	50.6%	50.6%	1.8%	5.9%	1.0%	11.1%	18.0%
30	0.19	0.01	0.03	0.01	0.03	0.09	40.9%	40.9%	1.8%	6.6%	1.1%	6.2%	18.7%
31	0.35	0.01	0.01	0.00	0.07	0.13	59.4%	59.4%	2.2%	1.9%	0.5%	11.3%	21.3%
32	0.38	0.01	0.01	0.00	0.07	0.14	61.2%	61.2%	2.1%	2.1%	0.6%	11.0%	22.8%
33	0.17	0.01	0.06	0.00	0.03	0.06	37.9%	37.9%	1.6%	12.7%	0.9%	6.3%	12.3%
34	0.46	0.01	0.21	0.01	0.08	0.20	48.7%	48.7%	1.4%	22.5%	1.4%	9.0%	21.5%
35	1.09	0.04	0.06	0.00	0.28	0.47	65.9%	65.9%	2.6%	3.3%	0.2%	17.1%	28.3%
36	1.15	0.09	0.04	0.00	0.30	0.54	64.9%	64.9%	4.9%	2.5%	0.2%	17.0%	30.4%
37	0.56	0.02	0.21	0.02	0.12	0.18	68.1%	68.1%	1.8%	25.3%	2.7%	14.1%	21.8%
38	0.54	0.01	0.21	0.01	0.09	0.22	55.5%	55.5%	1.4%	21.8%	0.8%	9.6%	22.8%
39	0.64	0.01	0.17	0.01	0.12	0.25	65.7%	65.7%	1.2%	17.5%	0.5%	12.8%	25.9%
40	1.23	0.10	0.01	0.00	0.33	0.52	67.2%	67.2%	5.6%	0.7%	0.1%	17.8%	28.2%
41	0.95	0.02	0.06	0.00	0.26	0.34	65.4%	65.4%	1.6%	4.2%	0.1%	18.2%	23.3%
42	0.41	0.01	0.21	0.03	0.07	0.18	47.6%	47.6%	1.5%	24.7%	2.9%	8.4%	20.9%
43	0.34	0.01	0.03	0.00	0.05	0.13	58.0%	58.0%	1.4%	5.1%	0.7%	7.7%	22.1%
44	0.41	0.01	0.05	0.01	0.05	0.18	60.9%	60.9%	1.3%	7.4%	0.9%	6.8%	26.0%
45	0.41	0.01	0.10	0.01	0.05	0.17	59.7%	59.7%	1.6%	14.6%	0.7%	7.6%	23.8%
46	0.35	0.01	0.12	0.00	0.05	0.15	53.5%	53.5%	1.7%	18.6%	0.5%	8.1%	22.9%
47	0.34	0.01	0.12	0.00	0.05	0.14	49.6%	49.6%	1.5%	17.7%	0.4%	7.3%	21.1%
48	0.48	0.02	0.30	0.01	0.08	0.30	44.8%	44.8%	1.4%	27.8%	1.3%	7.1%	27.8%
49	1.01	0.04	0.13	0.00	0.18	0.51	64.7%	64.7%	2.4%	8.1%	0.1%	11.3%	32.8%
50	0.93	0.02	0.17	0.02	0.10	0.39	62.4%	62.4%	1.1%	11.1%	1.1%	6.9%	26.2%
51	0.45	0.01	0.17	0.01	0.06	0.26	42.1%	42.1%	1.2%	16.2%	1.3%	5.2%	24.4%
52	0.68	0.02	0.23	0.01	0.08	0.28	63.1%	63.1%	2.2%	21.3%	0.8%	7.7%	26.3%
53	0.88	0.02	0.07	0.01	0.10	0.44	63.5%	63.5%	1.6%	5.4%	0.6%	7.2%	31.5%
54	0.54	0.02	0.39	0.01	0.05	0.41	45.9%	45.9%	1.8%	33.4%	1.2%	4.6%	34.9%
55	1.30	0.03	1.37	0.04	0.17	1.36	49.6%	46.9%	1.1%	49.6%	1.5%	6.2%	49.2%
56	2.44	0.08	0.17	0.01	0.41	1.24	68.6%	68.6%	2.3%	4.9%	0.1%	11.4%	34.9%
57	2.71	0.15	0.10	0.01	0.47	1.61	65.7%	65.7%	3.5%	2.4%	0.2%	11.4%	39.0%
58	2.22	0.05	0.85	0.06	0.29	1.14	64.6%	64.6%	1.4%	24.7%	1.9%	8.3%	33.1%
59	1.31	0.02	1.37	0.04	0.19	1.36	49.1%	47.0%	0.7%	49.1%	1.3%	6.7%	48.8%
60	1.42	0.03	1.01	0.01	0.22	0.86	64.4%	64.4%	1.3%	46.1%	0.5%	9.9%	39.3%
61	2.74	0.14	0.06	0.00	0.46	1.46	69.2%	69.2%	3.5%	1.6%	0.1%	11.6%	36.8%
62	2.66	0.08	0.22	0.01	0.48	1.22	69.9%	69.9%	2.0%	5.7%	0.1%	12.6%	32.0%
63	1.62	0.03	1.08	0.08	0.24	1.29	52.8%	52.8%	0.9%	35.1%	2.7%	7.9%	41.9%

- Mid CH

No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	4cm2 PD(mW/cm2) S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	max ratio out of all beams: ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Fornt 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)
													100.0%	5.9%	82.1%	3.3%	26.8%	100.0%
1			0		1	0.29	0.00	0.03	0.00	0.02	0.17		100.0%	1.0%	10.3%	0.3%	8.2%	57.2%
2			2		1	0.33	0.00	0.04	0.00	0.03	0.18		100.0%	1.2%	12.2%	0.6%	8.5%	54.0%
3			4		1	0.39	0.00	0.08	0.00	0.02	0.23		100.0%	0.8%	21.6%	0.5%	6.2%	58.6%
4			6		1	0.32	0.01	0.10	0.00	0.03	0.18		100.0%	1.6%	32.8%	0.3%	7.9%	57.4%
5			8		1	0.31	0.00	0.10	0.00	0.02	0.18		100.0%	1.0%	31.2%	0.3%	5.8%	58.8%
6			10		2	0.60	0.01	0.22	0.01	0.04	0.39		100.0%	0.8%	37.5%	0.8%	7.0%	65.0%
7			11		2	0.64	0.01	0.15	0.00	0.06	0.43		100.0%	1.3%	23.5%	0.2%	10.0%	67.1%
8			12		2	0.82	0.01	0.13	0.01	0.07	0.53		100.0%	1.0%	15.3%	0.6%	8.9%	64.8%
9			13		2	0.47	0.01	0.13	0.00	0.04	0.30		100.0%	1.5%	27.1%	0.6%	8.2%	63.6%
10			18		2	0.51	0.01	0.29	0.00	0.04	0.37		100.0%	1.2%	58.1%	0.4%	7.3%	72.1%
11			19		2	0.83	0.01	0.09	0.00	0.08	0.56		100.0%	1.0%	11.2%	0.1%	10.1%	67.3%
12			20		2	0.67	0.01	0.31	0.01	0.05	0.52		100.0%	1.0%	45.6%	0.7%	7.9%	77.1%
13			24		5	1.54	0.01	1.02	0.01	0.18	1.34		100.0%	0.7%	66.0%	0.5%	11.4%	86.6%
14			25		5	1.26	0.02	0.19	0.00	0.15	0.88		100.0%	1.6%	15.3%	0.2%	11.9%	70.3%
15			26		5	1.82	0.04	0.05	0.00	0.25	1.26		100.0%	2.1%	2.5%	0.1%	13.9%	69.1%
16			27		5	1.83	0.03	0.69	0.02	0.21	1.30		100.0%	1.6%	37.9%	1.0%	11.5%	70.9%
17			28		5	1.60	0.01	1.01	0.01	0.19	1.35		100.0%	0.5%	63.2%	0.7%	11.9%	84.4%
18			34		5	1.11	0.02	0.92	0.00	0.07	1.13		98.7%	1.3%	82.1%	0.3%	6.4%	100.0%
19			35		5	1.84	0.02	0.04	0.00	0.22	1.31		100.0%	1.0%	2.0%	0.1%	11.7%	70.8%
20			36		5	1.66	0.05	0.28	0.00	0.23	1.15		100.0%	2.7%	16.9%	0.1%	14.0%	69.4%
21			37		5	1.72	0.01	0.81	0.02	0.22	1.35		100.0%	0.6%	47.1%	1.2%	12.9%	78.8%
22			256		1	0.28	0.01	0.01	0.00	0.05	0.10		100.0%	1.8%	3.2%	0.7%	18.9%	36.1%
23			258		1	0.27	0.01	0.02	0.00	0.05	0.12		100.0%	1.9%	6.7%	0.7%	18.2%	43.1%
24			260		1	0.31	0.01	0.02	0.00	0.05	0.14		100.0%	1.9%	7.7%	0.6%	15.0%	43.1%
25			262		1	0.29	0.01	0.04	0.00	0.06	0.11		100.0%	1.8%	15.1%	0.7%	19.6%	38.9%
26			264		1	0.29	0.01	0.06	0.00	0.06	0.10		100.0%	2.1%	21.6%	0.3%	20.2%	32.9%
27			266		2	0.57	0.01	0.11	0.00	0.07	0.27		100.0%	1.8%	19.7%	0.7%	12.3%	46.9%
28			267		2	0.64	0.02	0.04	0.00	0.16	0.31		100.0%	2.6%	6.2%	0.2%	24.3%	48.4%
29			268		2	0.49	0.01	0.08	0.01	0.08	0.20		100.0%	2.7%	15.5%	1.4%	15.7%	40.0%
30			269		2	0.52	0.01	0.07	0.01	0.07	0.22		100.0%	2.1%	12.8%	1.4%	13.0%	41.7%
31			274		2	0.58	0.01	0.03	0.00	0.13	0.26		100.0%	1.6%	4.8%	0.3%	21.8%	44.6%
32	J	Patch	275		2	0.54	0.01	0.03	0.01	0.12	0.25		100.0%	2.4%	5.4%	1.1%	22.7%	45.7%
33			276		2	0.54	0.01	0.10	0.01	0.07	0.23		100.0%	2.0%	19.3%	1.1%	13.2%	42.3%
34			280		5	1.02	0.02	0.37	0.01	0.18	0.55		100.0%	1.9%	36.2%	1.2%	17.4%	53.9%
35			281		5	1.58	0.02	0.13	0.00	0.40	0.78		100.0%	1.5%	8.5%	0.3%	25.0%	49.1%
36			282		5	1.41	0.05	0.07	0.01	0.36	0.71		100.0%	3.5%	5.2%	0.4%	25.4%	50.1%
37			283		5	0.98	0.04	0.44	0.03	0.24	0.47		100.0%	3.7%	44.9%	3.3%	24.4%	48.2%
38			284		5	1.08	0.02	0.38	0.01	0.21	0.58		100.0%	2.2%	35.1%	0.7%	19.1%	53.6%
39			290		5	1.15	0.04	0.37	0.01	0.24	0.65		100.0%	3.7%	32.1%	0.4%	21.1%	56.6%
40			291		5	1.60	0.09	0.03	0.00	0.43	0.83		100.0%	5.9%	1.9%	0.1%	26.8%	51.5%
41			292		5	1.15	0.04	0.21	0.01	0.30	0.48		100.0%	3.6%	18.5%	0.4%	26.2%	41.4%
42			293		5	0.91	0.02	0.36	0.03	0.17	0.51		100.0%	2.0%	40.1%	3.0%	19.1%	55.8%
43			0	256	2	0.63	0.01	0.06	0.01	0.09	0.31		100.0%	1.3%	9.1%	0.8%	14.4%	48.9%
44			2	258	2	0.63	0.01	0.09	0.01	0.09	0.33		100.0%	1.4%	15.0%	1.1%	14.9%	53.3%
45			4	260	2	0.75	0.01	0.17	0.01	0.09	0.40		100.0%	1.6%	22.1%	0.8%	11.8%	52.4%
46			6	262	2	0.64	0.01	0.24	0.01	0.09	0.42		100.0%	2.2%	37.6%	0.8%	14.7%	65.2%
47			8	264	2	0.62	0.01	0.25	0.00	0.09	0.32		100.0%	1.8%	39.6%	0.6%	14.9%	51.4%
48			10	266	4	1.40	0.02	0.54	0.02	0.16	0.80		100.0%	1.5%	39.0%	1.1%	11.5%	57.4%
49			11	267	4	1.51	0.04	0.30	0.00	0.25	0.92		100.0%	2.8%	20.1%	0.2%	16.2%	61.0%
50			12	268	4	1.62	0.03	0.31	0.02	0.20	0.99		100.0%	2.1%	19.3%	1.4%	12.5%	61.0%
51			13	269	4	1.23	0.02	0.29	0.02	0.14	0.70		100.0%	1.9%	23.4%	1.3%	11.6%	56.6%
52			18	274	4	1.18	0.02	0.42	0.01	0.18	0.60		100.0%	2.0%	35.7%	0.6%	15.3%	50.6%
53			19	275	4	1.40	0.03	0.19	0.01	0.20	0.88		100.0%	2.2%	13.6%	0.8%	14.2%	63.0%
54			20	276	4	1.47	0.02	0.65	0.02	0.18	1.09		100.0%	1.3%	44.4%	1.4%	12.2%	74.0%
55			24	280	10	3.36	0.03	2.10	0.04	0.54	2.83		100.0%	0.9%	62.5%	1.0%	16.1%	84.2%
56			25	281	10	3.74	0.06	0.54	0.01	0.68	2.34		100.0%	1.6%	14.5%	0.2%	18.2%	62.5%
57			26	282	10	3.43	0.14	0.17	0.01	0.80	2.25		100.0%	4.0%	5.0%	0.3%	23.3%	65.5%
58			27	283	10	4.20	0.10	1.72	0.09	0.62	2.78		100.0%	2.4%	41.1%	2.1%	14.6%	66.2%
59			28	284	10	3.38	0.03	2.11	0.03	0.56	2.86		100.0%	1.0%	62.3%	0.9%	16.4%	84.5%
60			34	290	10	3.09	0.06	2.17	0.01	0.51	2.59		100.0%	2.0%	70.0%	0.3%	16.6%	83.9%
61			35	291	10	3.95	0.16	0.10	0.00	0.64	2.55		100.0%	4.0%	2.4%	0.1%	16.2%	64.5%
62			36	292	10	3.73	0.12	0.67	0.01	0.76	2.08		100.0%	3.3%	17.9%	0.3%	20.5%	55.9%
63			37	293	10	3.72	0.05	1.73	0.09	0.65	2.90		100.0%	1.3%	46.4%	2.3%	17.6%	78.0%

No.	4cm2 PD(mW/cm2) at 10mm evaluation distance S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	max ratio out of all beams: ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
							73.6%	73.6%	4.4%	52.7%	3.1%	16.4%	46.0%
1	0.16	0.00	0.02	0.00	0.01	0.07	53.8%	53.8%	0.7%	7.5%	0.3%	3.4%	23.6%
2	0.18	0.00	0.03	0.00	0.01	0.08	55.5%	55.5%	0.9%	7.9%	0.3%	3.7%	23.8%
3	0.21	0.00	0.06	0.00	0.01	0.10	53.2%	53.2%	0.5%	15.2%	0.5%	2.3%	26.0%
4	0.16	0.00	0.06	0.00	0.01	0.07	50.8%	50.8%	1.3%	19.9%	0.3%	3.2%	22.4%
5	0.15	0.00	0.05	0.00	0.01	0.07	49.4%	49.4%	0.6%	15.6%	0.3%	2.3%	23.1%
6	0.21	0.00	0.16	0.01	0.02	0.15	35.5%	35.5%	0.7%	26.3%	0.8%	3.0%	25.6%
7	0.43	0.01	0.09	0.00	0.03	0.22	67.3%	67.3%	1.1%	14.4%	0.0%	4.4%	34.7%
8	0.50	0.01	0.07	0.01	0.03	0.24	61.3%	61.3%	0.7%	8.9%	0.6%	3.7%	29.7%
9	0.21	0.01	0.09	0.00	0.02	0.13	45.0%	45.0%	1.1%	19.0%	0.4%	3.4%	26.6%
10	0.27	0.01	0.19	0.00	0.02	0.18	53.8%	53.8%	1.0%	38.1%	0.4%	3.2%	35.4%
11	0.57	0.01	0.05	0.00	0.04	0.27	68.6%	68.6%	0.8%	5.9%	0.1%	4.3%	32.4%
12	0.31	0.01	0.21	0.01	0.02	0.22	45.8%	45.8%	0.7%	30.6%	0.7%	3.0%	32.4%
13	0.72	0.01	0.70	0.01	0.08	0.71	46.8%	46.8%	0.6%	45.6%	0.5%	4.9%	46.0%
14	0.87	0.02	0.10	0.00	0.08	0.50	69.0%	69.0%	1.4%	7.8%	0.2%	6.1%	39.3%
15	1.33	0.03	0.03	0.00	0.12	0.73	72.9%	72.9%	1.8%	1.5%	0.1%	6.8%	40.2%
16	1.16	0.02	0.42	0.02	0.10	0.69	63.4%	63.4%	1.1%	23.0%	0.9%	5.5%	37.8%
17	0.76	0.01	0.70	0.01	0.08	0.73	47.2%	47.2%	0.4%	43.4%	0.6%	5.2%	45.7%
18	0.45	0.01	0.59	0.00	0.04	0.47	52.7%	39.8%	1.1%	52.7%	0.2%	3.2%	42.0%
19	1.32	0.02	0.02	0.00	0.10	0.76	71.4%	71.4%	0.9%	1.2%	0.1%	5.6%	41.3%
20	1.21	0.04	0.09	0.00	0.11	0.66	72.6%	72.6%	2.2%	5.5%	0.1%	6.8%	39.9%
21	0.89	0.01	0.52	0.02	0.11	0.73	51.7%	51.7%	0.3%	30.3%	1.0%	6.2%	42.4%
22	0.15	0.00	0.01	0.00	0.03	0.04	54.6%	54.6%	1.1%	2.1%	0.7%	8.9%	14.3%
23	0.15	0.00	0.01	0.00	0.02	0.05	56.1%	56.1%	1.5%	4.1%	0.7%	8.2%	17.8%
24	0.16	0.00	0.01	0.00	0.03	0.06	52.4%	52.4%	1.3%	4.5%	0.6%	8.0%	17.9%
25	0.16	0.00	0.03	0.00	0.03	0.04	56.5%	56.5%	1.4%	8.8%	0.4%	9.8%	13.3%
26	0.16	0.00	0.03	0.00	0.03	0.04	53.4%	53.4%	1.4%	11.3%	0.3%	10.3%	12.3%
27	0.29	0.01	0.07	0.00	0.03	0.12	50.8%	50.8%	1.4%	12.5%	0.7%	5.8%	20.6%
28	0.45	0.01	0.02	0.00	0.09	0.15	69.5%	69.5%	2.0%	3.6%	0.2%	14.2%	22.7%
29	0.23	0.01	0.04	0.01	0.04	0.07	47.6%	47.6%	2.0%	9.0%	1.4%	8.0%	14.3%
30	0.22	0.01	0.04	0.01	0.03	0.09	41.7%	41.7%	1.6%	7.6%	1.2%	5.6%	17.5%
31	0.37	0.01	0.02	0.00	0.06	0.11	63.0%	63.0%	1.2%	3.1%	0.3%	10.5%	18.8%
32	0.33	0.01	0.02	0.01	0.06	0.11	61.4%	61.4%	1.8%	2.8%	0.9%	10.7%	20.0%
33	0.20	0.01	0.06	0.01	0.03	0.10	37.7%	37.7%	1.5%	11.7%	0.9%	5.8%	18.0%
34	0.50	0.02	0.24	0.01	0.09	0.25	49.1%	49.1%	1.5%	23.7%	1.0%	8.5%	24.7%
35	1.12	0.02	0.07	0.00	0.23	0.42	70.9%	70.9%	1.1%	4.7%	0.2%	14.8%	26.5%
36	0.93	0.04	0.04	0.01	0.22	0.38	65.7%	65.7%	2.8%	2.6%	0.4%	15.6%	26.7%
37	0.68	0.03	0.26	0.03	0.13	0.24	69.0%	69.0%	2.9%	26.9%	3.1%	12.8%	24.4%
38	0.61	0.02	0.24	0.01	0.10	0.27	56.2%	56.2%	1.7%	22.5%	0.6%	9.6%	25.5%
39	0.79	0.03	0.23	0.00	0.13	0.34	68.8%	68.8%	2.9%	19.8%	0.3%	11.5%	29.9%
40	1.11	0.07	0.02	0.00	0.26	0.48	69.0%	69.0%	4.4%	0.9%	0.1%	16.4%	30.1%
41	0.77	0.03	0.06	0.00	0.18	0.25	66.8%	66.8%	3.0%	5.3%	0.3%	15.7%	21.4%
42	0.47	0.01	0.23	0.03	0.08	0.23	52.2%	52.2%	1.1%	25.8%	2.8%	8.7%	25.4%
43	0.35	0.01	0.04	0.00	0.04	0.12	55.3%	55.3%	1.0%	6.4%	0.6%	6.7%	18.8%
44	0.37	0.01	0.06	0.01	0.04	0.14	59.2%	59.2%	1.3%	10.2%	1.0%	6.9%	22.7%
45	0.43	0.01	0.12	0.01	0.04	0.18	56.5%	56.5%	1.2%	15.5%	0.8%	5.6%	23.2%
46	0.36	0.01	0.15	0.00	0.05	0.16	55.9%	55.9%	1.7%	23.4%	0.6%	7.2%	24.6%
47	0.33	0.01	0.13	0.00	0.05	0.12	53.2%	53.2%	1.3%	20.8%	0.5%	7.3%	19.2%
48	0.70	0.01	0.38	0.02	0.07	0.35	49.9%	49.9%	1.0%	27.0%	1.1%	5.2%	25.3%
49	1.04	0.03	0.19	0.00	0.15	0.46	68.6%	68.6%	2.2%	12.5%	0.1%	9.6%	30.4%
50	1.01	0.03	0.18	0.02	0.09	0.44	62.6%	62.6%	1.7%	10.8%	1.3%	5.7%	27.1%
51	0.52	0.02	0.21	0.01	0.06	0.30	42.4%	42.4%	1.5%	17.0%	1.1%	5.1%	24.4%
52	0.74	0.02	0.29	0.01	0.09	0.28	62.8%	62.8%	1.7%	24.3%	0.6%	7.6%	23.8%
53	0.88	0.02	0.10	0.01	0.10	0.43	62.7%	62.7%	1.7%	7.4%	0.8%	7.0%	31.0%
54	0.69	0.01	0.44	0.02	0.07	0.46	47.0%	47.0%	0.9%	30.0%	1.2%	5.0%	31.0%
55	1.57	0.02	1.49	0.03	0.22	1.52	46.8%	46.8%	0.7%	44.3%	0.9%	6.6%	45.2%
56	2.76	0.05	0.28	0.01	0.38	1.32	73.6%	73.6%	1.4%	7.5%	0.2%	10.0%	35.2%
57	2.53	0.11	0.10	0.01	0.46	1.29	73.6%	73.6%	3.1%	2.8%	0.3%	13.5%	37.7%
58	2.76	0.08	1.06	0.09	0.31	1.48	65.8%	65.8%	1.8%	25.2%	2.1%	7.5%	35.3%
59	1.67	0.03	1.49	0.03	0.23	1.54	49.2%	49.2%	0.8%	44.1%	0.8%	6.8%	45.5%
60	2.09	0.05	1.41	0.01	0.27	1.16	67.5%	67.5%	1.6%	45.6%	0.3%	8.9%	37.4%
61	2.82	0.12	0.06	0.00	0.39	1.48	71.4%	71.4%	3.1%	1.4%	0.1%	9.8%	37.5%
62	2.73	0.10	0.22	0.01	0.41	1.18	73.2%	73.2%	2.7%	5.9%	0.3%	10.9%	31.6%
63	2.04	0.03	1.13	0.08	0.31	1.49	54.7%	54.7%	0.8%	30.4%	2.1%	8.3%	40.0%

- High CH

						4cm2 PD(mW/cm2)							max ratio out of all beams						4cm2 PD(mW/cm2) at 10mm evaluation distance						max ratio out of all beams						
													100.0%	7.0%	81.1%	3.1%	30.0%	99.3%							76.4%	76.4%	5.6%	54.0%	3.0%	18.4%	45.9%
No.	Module	Type	Beam ID_1	Bema ID_2	Feed no.	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	per Beam Back-off (dB)	ratio (Right 2mm)/(worst-surface 2mm)	ratio (Left 2mm)/(worst-surface 2mm)	ratio (Top 2mm)/(worst-surface 2mm)	ratio (Bottom 2mm)/(worst-surface 2mm)	ratio (Front 2mm)/(worst-surface 2mm)	ratio (Rear 2mm)/(worst-surface 2mm)	S4(Right)	S3(Left)	S5(Top)	S6(Bottom)	S1(Front)	S2(Rear)	ratio worst-surface (10mm/2mm)	ratio (Right 10mm)/(worst-surface 2mm)	ratio (Left 10mm)/(worst-surface 2mm)	ratio (Top 10mm)/(worst-surface 2mm)	ratio (Bottom 10mm)/(worst-surface 2mm)	ratio (Front 10mm)/(worst-surface 2mm)	ratio (Rear 10mm)/(worst-surface 2mm)
1			0		1	0.28	0.00	0.03	0.00	0.02	0.16		100.0%	0.7%	9.0%	0.4%	8.3%	56.8%	0.15	0.00	0.02	0.00	0.01	0.06	54.3%	54.3%	0.7%	6.5%	0.4%	3.6%	23.0%
2			2		1	0.33	0.00	0.03	0.00	0.03	0.18		100.0%	0.9%	10.0%	0.3%	7.6%	55.9%	0.18	0.00	0.02	0.00	0.01	0.07	54.7%	54.7%	0.9%	6.4%	0.3%	3.3%	21.9%
3			4		1	0.38	0.00	0.08	0.00	0.03	0.21		100.0%	0.5%	20.1%	0.3%	8.5%	55.8%	0.22	0.00	0.05	0.00	0.01	0.09	57.1%	57.1%	0.5%	13.8%	0.3%	3.2%	24.6%
4			6		1	0.30	0.00	0.10	0.00	0.02	0.18		100.0%	1.0%	33.0%	0.3%	7.4%	60.3%	0.15	0.00	0.06	0.00	0.01	0.07	51.2%	51.2%	1.0%	19.5%	0.3%	3.0%	22.2%
5			8		1	0.29	0.00	0.09	0.00	0.02	0.16		100.0%	0.7%	29.9%	0.3%	6.3%	55.9%	0.15	0.00	0.04	0.00	0.01	0.06	51.0%	51.0%	0.7%	14.6%	0.3%	2.4%	22.2%
6			10		2	0.60	0.01	0.19	0.00	0.04	0.34		100.0%	1.0%	31.3%	0.5%	6.7%	57.1%	0.23	0.00	0.13	0.00	0.02	0.14	38.4%	38.4%	0.7%	21.5%	0.5%	2.8%	22.8%
7			11		2	0.54	0.01	0.17	0.00	0.07	0.33		100.0%	1.3%	32.5%	0.2%	12.5%	62.4%	0.37	0.01	0.11	0.00	0.03	0.16	69.5%	69.5%	1.1%	20.0%	0.0%	5.6%	30.3%
8			12		2	0.82	0.01	0.13	0.00	0.08	0.53		100.0%	1.0%	16.3%	0.5%	9.4%	64.6%	0.52	0.01	0.07	0.00	0.03	0.24	63.3%	63.3%	0.9%	8.7%	0.5%	3.7%	29.1%
9			13		2	0.51	0.01	0.11	0.00	0.03	0.28		100.0%	1.4%	20.8%	0.4%	6.7%	55.8%	0.21	0.01	0.07	0.00	0.01	0.12	41.8%	41.8%	1.0%	14.1%	0.4%	2.8%	23.6%
10			18		2	0.48	0.01	0.29	0.00	0.04	0.37		100.0%	1.3%	61.5%	0.4%	7.4%	77.9%	0.24	0.01	0.19	0.00	0.02	0.18	50.9%	50.9%	1.1%	40.0%	0.4%	3.4%	38.3%
11			19		2	0.75	0.01	0.10	0.00	0.09	0.50		100.0%	0.9%	13.1%	0.3%	11.9%	67.5%	0.55	0.01	0.05	0.00	0.04	0.24	73.4%	73.4%	0.8%	6.6%	0.3%	5.0%	31.9%
12			20		2	0.68	0.01	0.26	0.00	0.06	0.51		100.0%	1.0%	37.6%	0.6%	8.4%	74.5%	0.35	0.01	0.17	0.00	0.02	0.19	51.6%	51.6%	0.7%	24.9%	0.6%	3.2%	28.6%
13			24		5	1.36	0.01	0.79	0.00	0.16	1.17		100.0%	0.5%	58.5%	0.3%	12.0%	86.3%	0.65	0.01	0.53	0.00	0.07	0.62	48.1%	48.1%	0.4%	39.3%	0.3%	5.4%	45.6%
14			25		5	0.81	0.03	0.32	0.00	0.10	0.55		100.0%	3.1%	40.0%	0.2%	11.8%	68.0%	0.57	0.02	0.17	0.00	0.05	0.30	70.0%	70.0%	2.7%	20.8%	0.2%	6.6%	36.8%
15			26		5	1.64	0.04	0.04	0.00	0.26	1.16		100.0%	2.2%	2.3%	0.1%	15.7%	70.8%	1.25	0.03	0.02	0.00	0.12	0.66	76.4%	76.4%	1.8%	1.5%	0.1%	7.3%	40.3%
16			27		5	1.80	0.04	0.70	0.02	0.21	1.23		100.0%	2.1%	38.6%	0.9%	11.9%	68.4%	1.21	0.03	0.41	0.02	0.11	0.67	67.1%	67.1%	1.6%	22.6%	0.9%	5.9%	37.0%
17			28		5	1.42	0.01	0.81	0.01	0.18	1.23		100.0%	0.5%	56.7%	0.4%	12.5%	86.4%	0.71	0.01	0.53	0.01	0.08	0.65	50.0%	50.0%	0.4%	37.6%	0.4%	5.8%	45.9%
18			34		5	1.05	0.01	0.85	0.00	0.08	1.04		100.0%	1.2%	81.1%	0.1%	7.6%	99.3%	0.64	0.01	0.57	0.00	0.04	0.45	61.3%	61.3%	1.0%	54.0%	0.1%	3.5%	43.3%
19			35		5	1.58	0.02	0.04	0.00	0.24	1.09		100.0%	1.5%	2.3%	0.1%	15.4%	69.0%	1.20	0.02	0.02	0.00	0.12	0.62	75.7%	75.7%	1.3%	1.3%	0.1%	7.3%	38.9%
20			36		5	1.70	0.03	0.28	0.00	0.22	1.21		100.0%	1.9%	16.1%	0.2%	12.8%	70.9%	1.22	0.03	0.08	0.00	0.10	0.68	71.4%	71.4%	1.5%	4.9%	0.2%	5.9%	40.1%
21			37		5	1.59	0.02	0.70	0.01	0.20	1.25		100.0%	1.0%	44.2%	0.8%	12.6%	78.5%	0.88	0.01	0.45	0.01	0.10	0.65	55.2%	55.2%	0.6%	28.1%	0.8%	6.1%	41.1%
22			256		1	0.27	0.01	0.01	0.00	0.05	0.09		100.0%	1.8%	4.4%	0.7%	16.5%	34.4%	0.15	0.00	0.01	0.00	0.02	0.04	54.2%	54.2%	1.5%	3.3%	0.7%	8.1%	13.6%
23			258		1	0.24	0.01	0.02	0.00	0.04	0.09		100.0%	2.1%	9.1%	1.2%	16.6%	37.8%	0.12	0.00	0.01	0.00	0.02	0.03	50.6%	50.6%	1.2%	5.8%	1.2%	7.9%	12.4%
24			260		1	0.31	0.01	0.03	0.00	0.04	0.13		100.0%	1.6%	8.7%	0.6%	13.5%	41.3%	0.17	0.00	0.02	0.00	0.02	0.06	53.2%	53.2%	1.3%	5.8%	0.6%	6.8%	17.7%
25			262		1	0.26	0.01	0.05	0.00	0.05	0.10		100.0%	1.9%	18.6%	0.8%	17.9%	36.5%	0.13	0.00	0.03	0.00	0.02	0.03	49.4%	49.4%	1.5%	11.8%	0.4%	9.1%	12.9%
26			264		1	0.27	0.01	0.06	0.00	0.05	0.08		100.0%	1.9%	24.0%	0.7%	18.4%	30.3%	0.13	0.00	0.04	0.00	0.03	0.03	49.8%	49.8%	1.5%	13.1%	0.7%	9.4%	10.5%
27			266		2	0.59	0.01	0.14	0.00	0.07	0.27		100.0%	1.9%	23.4%	0.7%	12.4%	45.1%	0.30	0.01	0.09	0.00	0.04	0.12	51.2%	51.2%	1.4%	15.3%	0.7%	5.9%	20.3%
28			267		2	0.58	0.02	0.05	0.00	0.13	0.28		100.0%	2.9%	8.3%	0.2%	22.9%	47.5%	0.42	0.01	0.03	0.00	0.08	0.12	71.4%	71.4%	2.2%	5.2%	0.2%	13.4%	21.3%
29			268		2	0.52	0.02	0.08	0.01	0.07	0.20		100.0%	2.9%	16.3%	1.6%	13.4%	39.3%	0.24	0.01	0.05	0.01	0.04	0.08	46.1%	46.1%	2.3%	10.1%	1.6%	7.0%	15.5%
30			269		2	0.56	0.01	0.08	0.01	0.06	0.22		100.0%	1.8%	14.5%	1.3%	11.1%	40.2%	0.24	0.01	0.05	0.01	0.02	0.09	42.2%	42.2%	1.3%	9.0%	1.3%	4.3%	16.9%
31			274		2	0.54	0.01	0.04	0.00	0.11	0.22		100.0%	1.5%	7.6%	0.2%	20.1%	41.6%	0.33	0.01	0.03	0.00	0.05	0.10	62.3%	62.3%	1.1%	4.9%	0.2%	9.9%	17.7%
32	J	Patch	275		2	0.48	0.02	0.03	0.01	0.11	0.19		100.0%	3.4%	6.3%	1.3%	22.4%	38.8%	0.30	0.01	0.02	0.01	0.06	0.08	62.3%	62.3%	2.5%	3.4%	1.3%	11.7%	15.9%
33			276		2	0.55	0.01	0.12	0.01	0.07	0.21		100.0%	1.8%	22.0%	1.1%	11.9%	38.3%	0.21	0.01	0.08	0.01	0.03	0.10	39.3%	39.3%	1.5%	13.8%	0.9%	5.3%	17.4%
34			280		5	1.16	0.02	0.42	0.01	0.18	0.59		100.0%	1.9%	36.4%	0.8%	15.5%	50.4%	0.61	0.02	0.28	0.01	0.09	0.29	52.2%	52.2%	1.5%	24.4%	0.6%	7.7%	24.8%
35			281		5	1.47	0.04	0.22	0.00	0.34	0.81		100.0%	2.6%	15.1%	0.2%	23.3%	54.7%	1.10	0.03	0.12	0.00	0.20	0.44	74.5%	74.5%	1.8%	7.9%	0.1%	13.6%	29.9%
36			282		5	1.13	0.08	0.06	0.01	0.32	0.47		100.0%	7.0%	5.2%	0.5%	28.3%	41.3%	0.78	0.06	0.03	0.01	0.20	0.23	68.9%	68.9%	5.6%	2.8%	0.5%	17.9%	20.8%
37			283		5	1.00	0.04	0.44	0.03	0.22	0.51		100.0%	3.6%	44.6%	3.1%	22.5%	50.9%	0.67	0.03	0.27	0.03	0.12	0.26	67.6%	67.6%	2.9%	26.9%	3.0%	12.2%	26.0%
38			284		5	1.14	0.03	0.41	0.01	0.20	0.60		100.0%	2.4%	36.4%	0.5%	17.9%	52.5%	0.67	0.02	0.27	0.01	0.10	0.30	59.3%	59.3%	1.8%	23.9%	0.4%	9.0%	26.4%
39			290		5	1.09	0.04	0.40	0.01	0.22	0.62		100.0%	4.0%	37.0%	0.6%	20.5%	56.9%	0.76	0.03	0.27	0.01	0.12	0.34	70.2%	70.2%	2.9%	24.5%	0.6%	11.3%	31.0%
40			291		5	1.30	0.08	0.04	0.00	0.39	0.59		100.0%	5.9%	3.3%	0.2%	30.0%	45.6%	0.95	0.06	0.03	0.00	0.24	0.32	73.1%	73.1%	4.5%	2.1%	0.2%	18.4%	24.4%
41			292		5	0.99	0.06	0.16	0.01	0.25	0.41		100.0%	5.6%	16.0%	0.8%	25.2%	41.6%	0.68	0.04	0.05	0.01	0.16	0.22	68.8%	68.8%	4.5%	5.5%	0.7%	15.8%	22.6%
42			293		5	1.09	0.02	0.47	0.02	0.21	0.55		100.0%	1.9%	43.3%	2.0%	18.9%	50.1%	0.61	0.02	0.31	0.02	0.10	0.26	55.9%	55.9%	1.4%	28.4%	1.8%	9.3%	23.7%
43			0	256	2	0.65	0.01	0.06	0.00	0.08	0.31		100.0%	1.5%	9.4%	0.6%	12.2%	47.5%	0.36	0.01	0.04	0.00	0.04	0.12	54.8%	54.8%	1.2%	6.6%	0.6%	5.9%	18.8%
44			2	258	2	0.61	0.01	0.09	0.01	0.07	0.36		100.0%	1.6%	14.7%	1.2%	11.4%	59.1%	0.35	0.01	0.06	0.01	0.03	0.15	57.8%	57.8%	1.3%	9.9%	1.0%	5.3%	23.9%
45			4	260	2	0.74	0.01	0.18	0.01	0.08	0.43		100.0%	1.5%	24.3%	0.7%	11.1%	57.7%	0.43	0.01	0.12	0.01	0.04	0.17	58.5%	58.5%	1.2%	16.7%	0.7%	5.0%	23.6%
46			6	262	2	0.63	0.01	0.26	0.00	0.08	0.43		100.0%	1.7%	40.9%	0.6%	13.2%	68.5%	0.32	0.01	0.16	0.00	0.04	0.16	50.9%	50.9%	1.4%	25.9%	0.6%	6.4%	25.6%
47			8	264	2	0.60	0.01	0.24	0.01	0.08	0.32		100.0%	1.3%	40.0%	0.8%	13.2%	53.8%	0.32	0.01	0.13	0.01	0.04	0.12	53.1%	53.1%	1.0%	21.1%	0.8%	5.9%	20.4%
48			10	266	4	1.46	0.02	0.54	0.01	0.16	0.82		100.0%	1.6%	37.3%	0.9%	10.6%	56.0%	0.78	0.02	0.38	0.01	0.07	0.37	53.8%	53.8%	1.2%	26.2%	0.8%	5.1%	25.3%
49			11	267	4	1.45	0.04	0.39	0.00	0.23	0.90		100.0%	2.8%	26.8%	0.1%	15.6%	61.6%	1.06	0.03	0.24	0.00	0.13	0.44	72.7%	72.7%	2.2%	16.7%	0.1%	9.1%	30.3%
50			12	268	4	1.70	0.04	0.34	0.02	0.19	1.09		100.0%	2.1%	19.9%	1.3%	11.1%	64.0%	1.06	0.03	0.19	0.02	0.08	0.49	62.2%	62.2%	1.7%	11.3%	1.2%	4.8%	28.8%
51			13	269	4	1.38	0.02	0.27	0.02	0.13	0.71		100.0%	1.4%	19.3%	1.1%	9.6%	51.7%	0.65	0.02	0.20	0.01	0.06	0.31	46.9%	46.9%	1.2%	14.2%	1.0%	4.1%	22.2%
52			18	274	4	1.10	0.02	0.43	0.01	0.16	0.55		100.0%	1.9%	38.7%	0.5%	14.1%	49.6%	0.67	0.02	0.30	0.01	0.08	0.28	60.9%	60.9%	1.5%	26.7%	0.5%	7.3%	25.0%
53			19	275	4	1.20	0.03	0.20	0.01	0.20	0.71		100.0%	2.6%	16.3%	1.0%	16.5%	58.9%	0.87	0.02	0.10	0.01	0.09	0.35	72.4%	72.4%	2.0%	8.7%	0.9%	7.6%	28.8%
54			20	276	4	1.62	0.02	0.63	0.02	0.18	1.15		100.0%	1.4%	38.8%	1.0%	10.9%	70.9%	0.79	0.02	0.43	0.02	0.08	0.44	48.5%	48.5%	1.0%	26.6%	1.0%	4.7%	27.0%
55			24	280	10	3.50	0.04	1.94	0.02	0.56	2.86		100.0%	1.0%	55.6%	0.7%	16.0%	81.8%	1.86	0.03	1.33	0.02	0.25	1.44	53.1%	53.1%	0.8%	37.9%	0.5%	7.1%	41.2%
56			25	281	10	3.48	0.10	1.02	0.01	0.63	2.28		100.0%	2.9%	29.4%	0.2%	18.1%	65.6%	2.64	0.08	0.54	0.01	0.36	1.28	75.9%	75.9%	2.2%	15.4%	0.2%	10.5%	36.7%
57			26	282	10	3.20	0.17	0.13	0.01	0.66	1.81		100.0%	5.2%	4.0%	0.3%	20.7%	56.5%	2.36	0.14	0.07	0.01	0.38	1.00	73.9%	73.9%	4.3%	2.1%	0.3%	11.7%	31.1%
58			27	283	10	4.15	0.11	1.73	0.09	0.57	2.77		100.0%	2.7%	41.7%	2.1%	13.8%	66.8%	2.81	0.09	1.03	0.09	0.30	1.51	67.7%	67.7%	2.2%	24.9%	2.1%	7.1%	36.5%
59			28	284	10	3.50	0.04	1.95	0.02	0.57	2.90		100.0%	1.2%	55.7%	0.6%	16.3%	82.7%	1.91	0.03	1.34	0.02	0.25	1.47	54.5%	54.5%	0.9%	38.1%	0.5%	7.3%	41.8%
60			34	290	10	3.31	0.06	2.14	0.01	0.49	2.59		100.0%	1.8%	64.7%	0.4%	14.8%	78.3%	2.30	0.05	1.48	0.01	0.25	1.19	69.4%	69.4%	1.4%	44.8%	0.3%	7.6%	36.0%
61			35	291	10	3.60	0.16	0.10	0.00	0.67	2.31		100.0%	4.5%	2.8%	0.1%	18.7%	64.3%	2.73	0.13	0.06	0.00	0.39	1.29	75.9%	75.9%	3.6%	1.6%	0.1%	10.8%	35.9%
62			36	292	10	3.98	0.12	0.64	0.02	0.70	2.43		100.0%	3.1%	16.1%	0.5%	17.6%	61.1%	2.86	0.10	0.20	0.02	0.37	1.36	71.8%	71.8%	2.5%	5.1%	0.5%	9.2%	34.1%
63			37	293	10	3.90	0.07	1.81	0.07	0.65	2.92		100.0%	1.7%	46.5%	1.7%	16.7%	74.9%	2.27	0.04	1.16	0.06	0.32	1.50	58.2%	58.2%	1.1%	29.9%	1.5%	8.3%	38.5%