



Power Density Simulation Report Rev 1.3

for

MODEL NO. 1995
FCC ID: C3K1995

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I. Introduction

Model 1995 uses a Qualcomm modem, transceivers, and two mmWave modules which together enable the device to transmit in the 5G NR mmWave bands (FR2.)

Each mmWave module employs beamforming technology to steer the transmit beams in desired directions. There are four patch antenna elements in each module; the relative phase and amplitudes of the signals delivered to each antenna element are controlled to create the beams. The list of all possible beams the device can use is called the codebook, which is determined through a beam characterization process prior to power density evaluations. Since RF exposure must be evaluated for all of the many possible beams on each of the device's applicable surfaces, power density simulations are used here to support the RF exposure evaluation process.

This report summarizes the power density simulations performed to support RF Exposure compliance evaluation for the 5G mmWave antenna modules in Model 1995 using the device's codebook. The report has three main sections:

- Simulation Methodology
- Simulation Validation through Measurements
- Simulation Results

A. Power Density

Power density is the amount of power propagating in a given area. The units of power density are typically given in either W/m² or mW/cm². The FCC limit for power density with respect to RF exposure is 1.0 mW/cm². For localized exposure the power density is averaged over a 4cm² area before comparison to the limit.

Physically, power density can be described as the cross product of the E (electric) and H (magnetic) field vectors at a given location, also known as the Poynting Vector. To find the average power density over a 4cm² area then, the integral of that cross product over that area and then divided by the area can be used. The goal of all simulations and measurements detailed in this report is to determine this 4cm²-average power density for all possible beams of the device, in all possible transmit modes, on any surface which might pose the highest potential power density exposure from the device.

$$PD_{av} = \frac{1}{A} \int_A \langle \vec{S} \rangle \cdot d\vec{s} = \frac{1}{2A_{av}} \iint_{A_{av}} \|Re\{E \times H^*\}\| dA$$

II. Simulation Methodology

A. Simulation Modeling and Surface Selection

The simulation approach to perform PD assessment requires accurate modeling for the mmW antenna modules as well as the device itself. The device contains two QTM525-5 mmW antenna modules designed by QTI. The QTM525-5 module contains four patch antenna elements which support dual polarization (horizontal and vertical). The encrypted Ansys model of mmW module for simulations was provided by QTI.

The device level simulation model for PD assessment was modeled according to best engineering practices. For PD simulations all the important details of the device such as housing, mmW antenna modules, all sub6 antennas, PCB, mmW flex, battery, shields were included within at least two wavelengths around each mmW antenna module.

Three postures of the device are chosen to comprehensively evaluate power density in order to find the worst-case levels: Flat, Flip, and Closed. The Read posture is excluded from PD evaluation since it will have the same PD as flat posture. Since PD is evaluated 2mm from the surface of the device as if the module under evaluation is being entirely covered by part of the user, whether the device angle is 180 degrees or 150 degrees will have no impact on the PD. The PD evaluations performed for the Flat posture are applicable to the Read posture as well. Figures 1-3 show the simulation models of the device in the three postures along with the simulation planes as they are defined for each posture. All PD evaluation simulation planes are 2mm from the applicable device surfaces.

All six surfaces of the device were examined in all three postures, but not all were chosen for power density simulations. Some surfaces were excluded due to their distance from the mmWave modules. For example, for Module 1 in the Flat posture, the PD evaluation was performed only for front, back, and right planes as the PD values on other planes such as the left plane are much lower. Similarly, for Module 0 in the flat posture, the PD evaluation can be conducted on the front, back, and right planes only. All PD reports were generated at low, mid, and high channels for all bands.

Tables 1-3 show which surfaces were chosen for power density simulations.

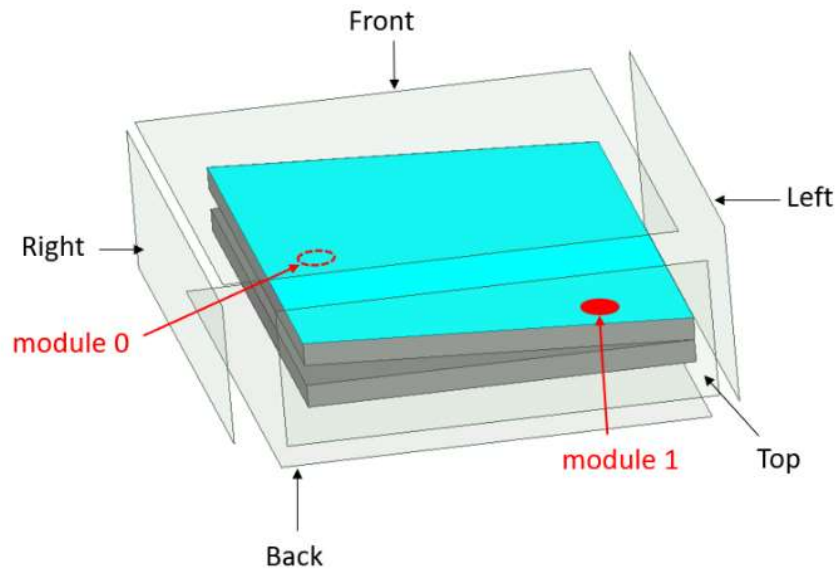
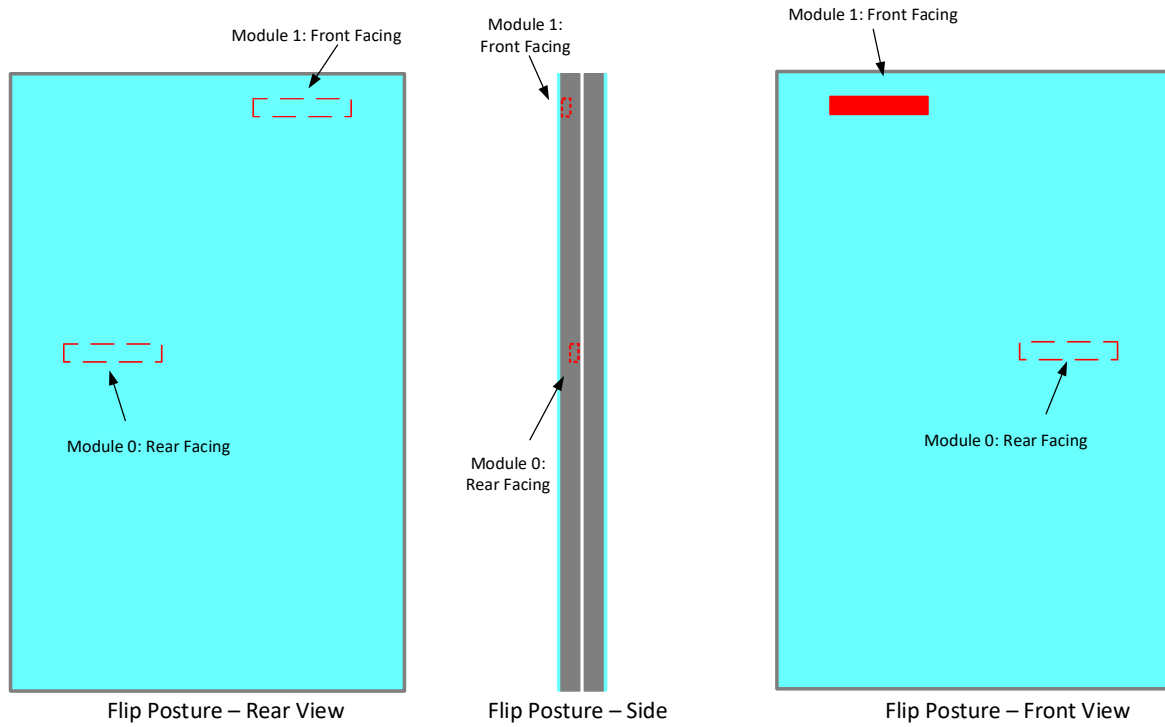


Figure 1. Flip Posture mmWave Antenna Module Locations and Simulation Evaluation Planes

Module	Front	Back	Left	Right	Top	Bottom
0	Yes	Yes	No	Yes	No	No
1	Yes	Yes	Yes	No	Yes	No

Table 1. Flip Posture Surfaces Selected for PD Simulation

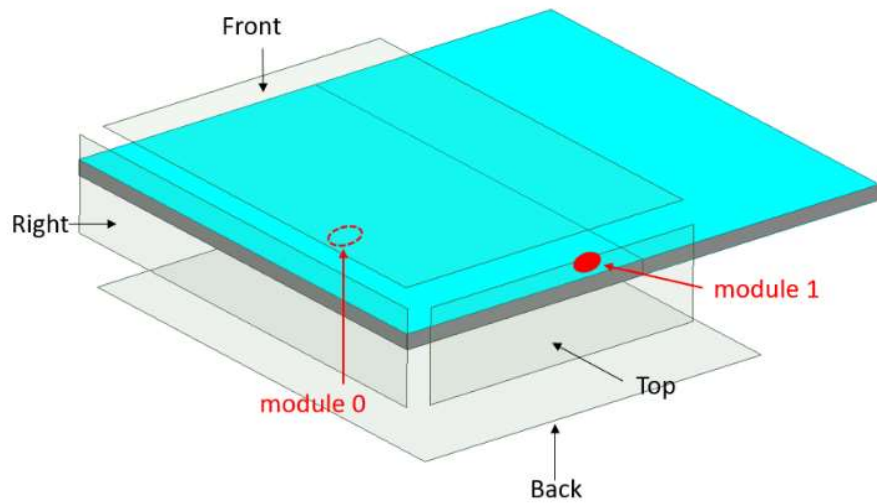
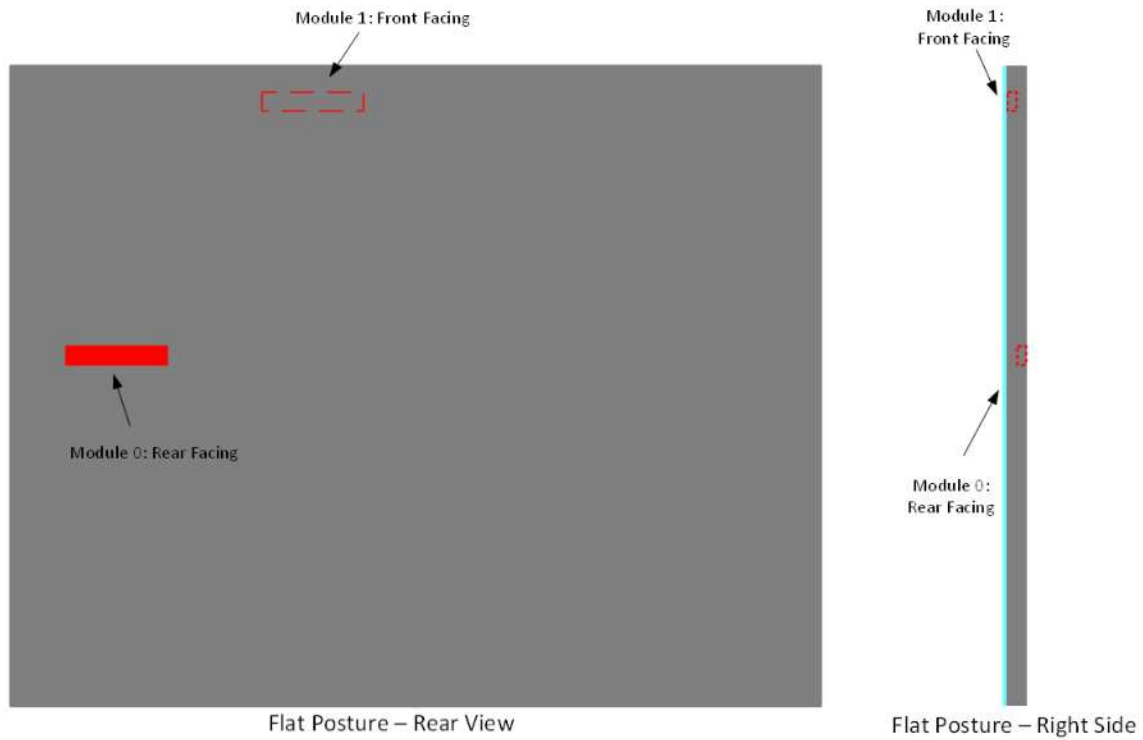


Figure 2. Flat Posture mmWave Antenna Module Locations and Simulation Evaluation Planes

Module	Front	Back	Left	Right	Top	Bottom
0	Yes	Yes	No	Yes	No	No
1	Yes	Yes	No	No	Yes	No

Table 2. Flat Posture Surfaces Selected for PD Simulation

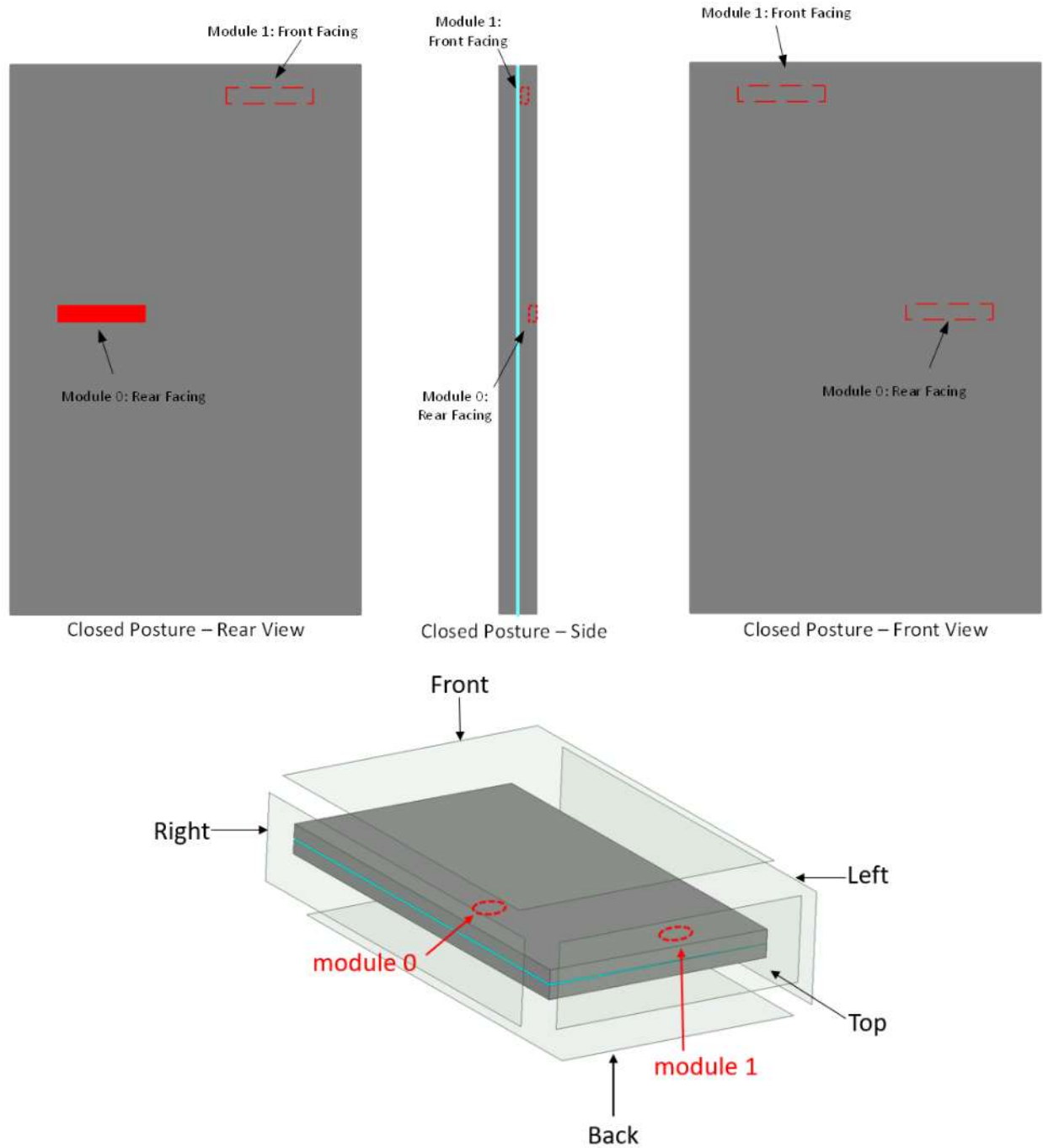


Figure 3. Closed Posture mmWave Antenna Module Locations and Simulation Evaluation Planes

Module	Front	Back	Left	Right	Top	Bottom
0	Yes	Yes	No	Yes	No	No
1	Yes	Yes	Yes	No	Yes	No

Table 3. Closed Posture Surfaces Selected for PD Simulation

B. Simulation Setup

ANSYS Electromagnetics suite version v20.1 (HFSS) was used to estimate power density. This tool is based on Finite Element Method (FEM), which operates in the frequency domain. The auto initial mesh defined “lambda refinement” (i.e., ANSYS refines the initial mesh based on the material-dependent wavelength) and 30% maximum refinement per pass were selected as adaptive options in the simulation setup.

The system (ANSYS Electromagnetics suite v20.1) computes the error, and the iterative process (solve – error analysis – adaptive mesh refinement) repeats until the convergence criteria Max. Delta S reaches to the value equal or less than the specified value assigned in simulation setup. The Max. Delta(Mag S) is the maximum difference of S-Matrix magnitudes between two consecutive passes. For PD calculations Max. Delta S was taken as 0.02. In ANSYS Electromagnetics suite v20.1, as long as convergence is reached, the converged results are accurate. Fig. 4.4 is an example of adaptive mesh of the device (side view).

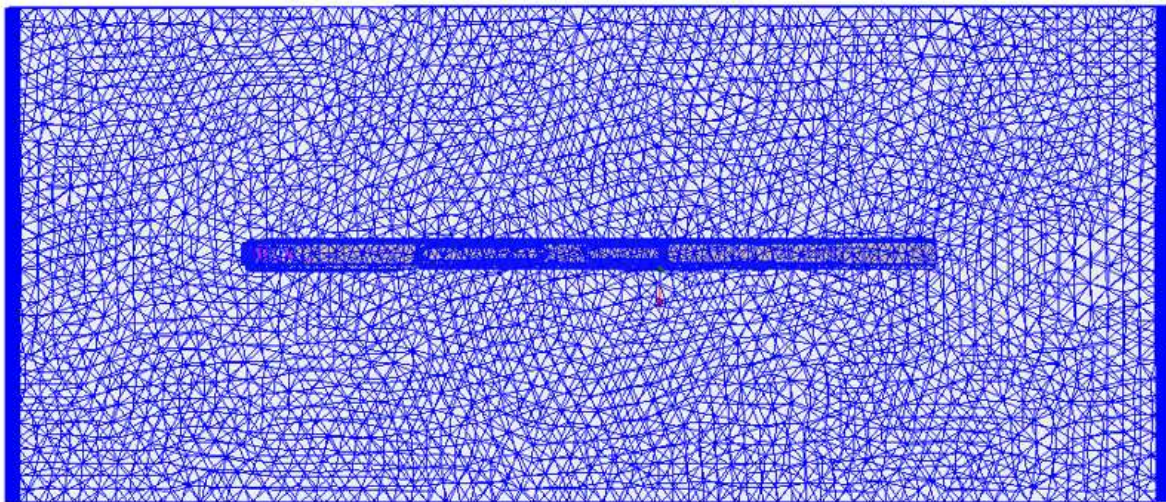


Figure 4. Example of adaptive mesh (side view)

For antenna simulations HFSS requires a radiation boundary which is an approximation of free space. A perfectly matched layer (PML) boundary is used for all simulations in this report. Setting up a PML boundary is similar to setting up ABC radiation boundary. The PML boundary is overall better boundary condition as compared to ABC boundary because PML boundary is less dependent on the field incident angle and distance from the source which makes it a more suitable boundary for antenna array simulations.

Per ANSYS recommendations for their simulation tool, the radiation boundary plane must be located at least a quarter wavelength from strongly radiating structure, or at least a tenth of a wavelength from a weakly radiating structure. In this RF exposure report, at

least three wavelengths spacing from the device surfaces in all main beam directions are applied to ensure convergence.

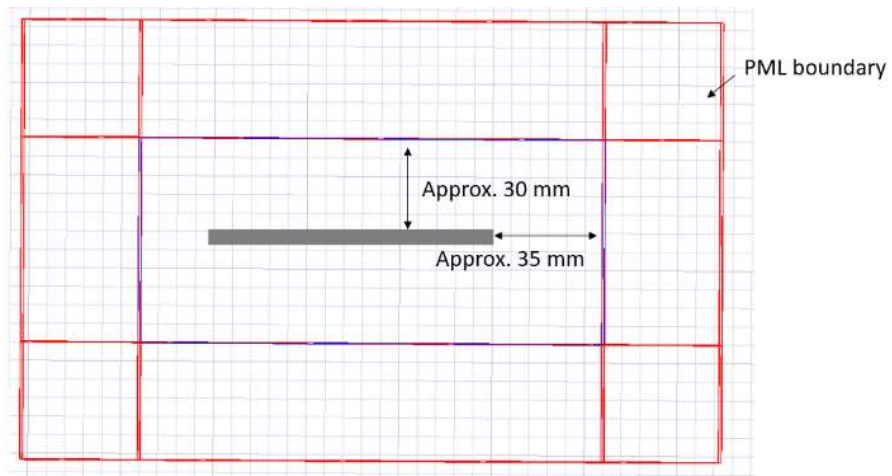


Figure 5. Radiation Boundary Setup

III. Simulation Validation through Measurements

A. Measurement System

The simulations were validated by power density measurements made with SPEAG's DASY6 measurement system with EUmmWVx probe extension. This system uses a pseudo-vector probe which measures E-Field. The robotic system positions the measurement probe so that sensors in the probe tip measure in a plane 2mm from the surface of the device, and then in a second plane further away. Together the E-Field measurements from these two planes are used to reconstruct both the E- and H-fields, as well as to determine the power density. The 4 cm²-average power density can thus be determined through measurements in the same planes 2mm from the device which were previously simulated.

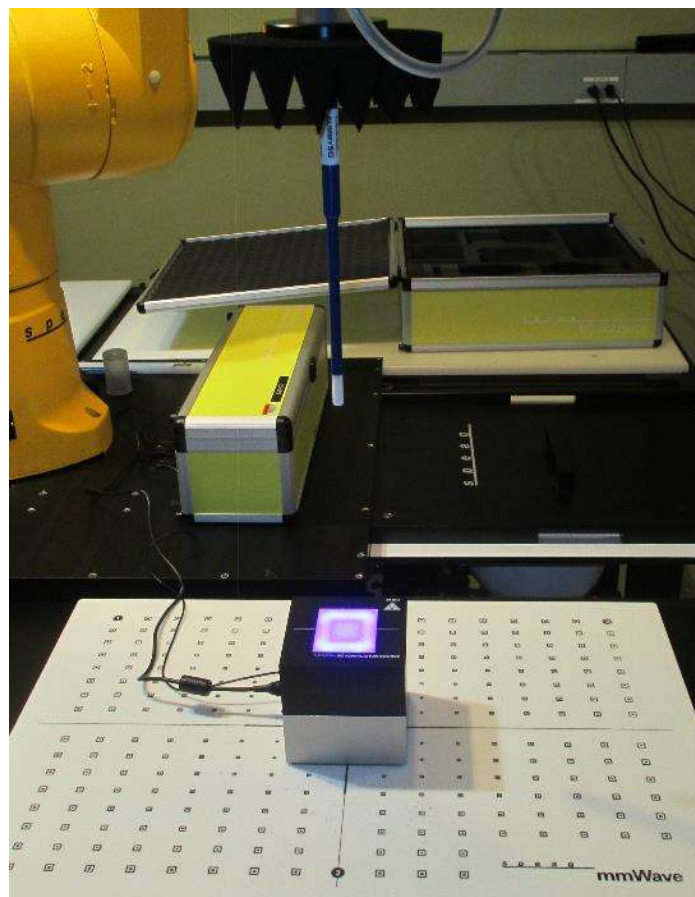


Figure 6. DASY6 mmWave Measurement Setup

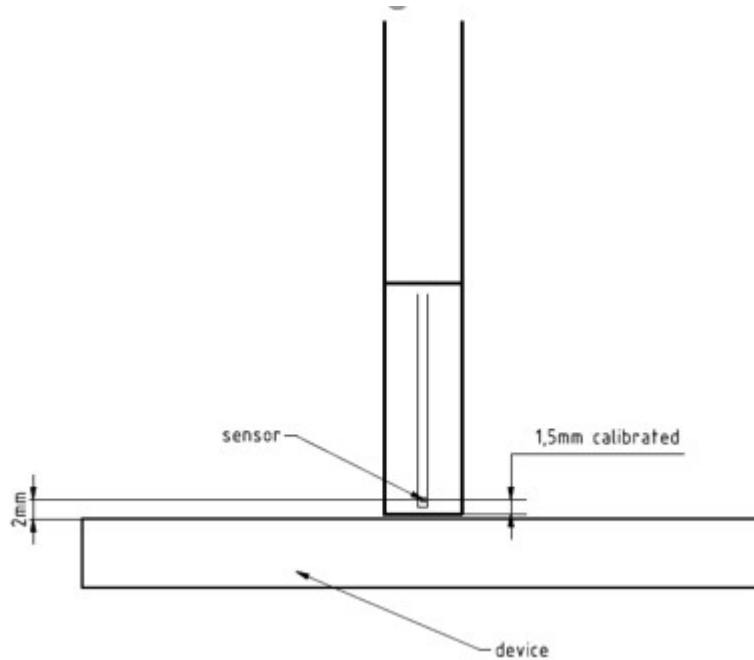


Figure 7. Illustration of 2mm Measurement Distance between mmWave Probe Sensor Elements and Device Surface

B. Simulation Validation

The following process was used to correlate the Power Density simulations.

1. For each band, one single beam in each polarization (horizontal and vertical) was selected for each antenna. Each beam should employ a higher number of active antenna elements.
2. For each of these beams, measurements on select key surfaces near the antenna module were performed to correlate with the simulations for the same surfaces. All measurements were made with the device transmitting at the mid channel of the given band using CW signals.
3. A reference power level of 6 dBm was used since that is the transmit power level defined by the module manufacturer to have a 0.5 dB uncertainty when transmitting CW signals.
4. The PD distributions between the measurements and simulations were compared for similarities to show correlation, see Appendix A for plots. There are expected differences in the magnitudes of the simulations and measurements. The discrepancy can be due several reasons such as housing material properties used in simulations and field dispersion effect of probe during measurements.

C. $\Delta_{\min}$ Determination – Worst-case Housing Influence

The difference in magnitude between the simulated and measured PD is used to determine the worst-case housing influence since non-metal material properties can't be accurately characterized at mmWave frequencies. Only surfaces which might impact the PD char, the worst-case surfaces with the highest 4cm²-averaged PD, were used to determine the worst-case housing influence. $\Delta_{\min}$ represents the worst case where RF exposure is underestimated the most by simulations. Or, in this case where all simulation values exceed the measured values, it represents the case where RF exposure is overestimated the least.

Since the mmWave modules are placed in different locations, each may experience different housing material impacts due to their differing environments. Additionally, when the device postures change the surrounding material around each module may change further. So the worst-case housing influence is determined per antenna module, per band, and per posture. Measurements and simulations were performed at the 6 dBm reference power, at the middle channel of each band, for each polarization, for any surface which might contains the highest PD for a given module / posture. To be conservative, the lowest $\Delta_{\min}$ determined for a given module + band + posture combination was later used in the PD characterization process for that combination.

Simulations and measurements were performed 2mm from the applicable device surface with one exception. For the back surface and module 0, a bump on the device prevents physical measurements at 2mm from the device surface near module 0. So, module 0 was both measured and simulated at 2mm from the plane defined by this physical bump to get the correlation data and $\Delta_{\min}$ for the back surface. Simulations were however still also done at 2mm from the back surface itself, and this more conservative simulation data was used for characterizing the PD for module 0 on the back surface.

$\Delta_{\min}$ – Band n261

Band	Posture	Module	Surface	Beam ID	Measured PD (mW/cm ²)	Simulated PD (mW/cm ²)	$\Delta_{\min}$ (dB)
n261	Flip	0	Right	19	0.104	0.22	3.25
n261	Flip	0	Right	156	0.0744	0.19	4.07
n261	Flat	0	Back	28	0.658	1.38	3.21
n261	Flat	0	Back	148	0.592	1.40	3.73
n261	Closed	0	Back	28	0.581	1.52	4.17
n261	Closed	0	Back	147	0.4	1.69	6.25
n261	Flip	1	Front	16	0.846	1.51	2.51
n261	Flip	1	Front	154	0.507	1.72	5.30
n261	Flat	1	Front	15	0.821	1.51	2.65
n261	Flat	1	Front	132	0.294	1.08	5.15
n261	Closed	1	Top	23	0.174	0.60	5.38
n261	Closed	1	Top	145	0.179	0.47	4.19
n261	Closed	1	Front	24	0.199	0.65	5.14
n261	Closed	1	Front	146	0.102	0.69	8.3

Table 4. $\Delta_{\min}$ Calculated Values for n261 from 6 dBm Reference Power Simulations and Measurements

$\Delta_{\min}$ – Band n260

Band	Posture	Module	Surface	Beam ID	Measured PD (mW/cm ²)	Simulated PD (mW/cm ²)	$\Delta_{\min}$ (dB)
n260	Flip	0	Right	33	0.0323	0.43	11.24
n260	Flip	0	Right	160	0.0311	0.34	10.38
n260	Flat	0	Back	33	0.491	1.14	3.65
n260	Flat	0	Back	159	0.576	1.00	2.39
n260	Closed	0	Back	33	0.471	1.40	4.73
n260	Closed	0	Back	161	0.512	1.45	4.52
n260	Flip	1	Front	18	0.523	1.42	4.34
n260	Flip	1	Front	147	0.55	1.41	4.05
n260	Flat	1	Front	27	0.568	1.44	4.04
n260	Flat	1	Front	147	0.528	1.38	4.17
n260	Closed	1	Top	28	0.346	0.58	2.24
n260	Closed	1	Top	145	0.311	0.49	1.97
n260	Closed	1	Front	20	0.247	0.50	3.06
n260	Closed	1	Front	148	0.222	0.52	3.69

Table 5. $\Delta_{\min}$ Calculated Values for n260 from 6 dBm Reference Power Simulations and Measurements

IV. Simulation Results

All simulated PD values shown in the tables below are for the planes 2mm from the given surface of the device. These are the worst-case surfaces for the given module + posture which are near each module, and thus might contain the highest PD values needed for PD characterization later.

The worst-case overall scaling factor per module + posture + band + beam are also included here which will later be used to determine the compliant *input.power.limits*. The scaling factor is used to adjust the 6 dBm reference power level to the compliant levels during PD characterization. Lower scaling factors are more conservative; the scaling factor was calculated for each surface and the lowest was taken for each beam. The scaling factor for a given beam i of M possible beams is calculated as:

$$s(i) = \frac{PD\ design\ target}{sim.PDsurface}, i = 1, 2, \dots M$$

Note that for beam pairs, the relative phase between beam pairs is not controlled by the QTM mmWave module. So any relative phase between beam pairs is possible and the worst-case relative phase must be accounted for in the simulations. The relative phase between beam pairs is swept from 0 to 360 degrees in 5 degree increments to find the relative phase resulting in the highest PD. This worst-case phase was used to determine all beam pair PD values in the tables below, and thus for the *sim.PDsurface* in the equation above.

Since each module + band + posture combination has a different Δ_{min} value as described previously, the worst-case scaling factor for all channels in a combination is later used to determine an *input.power.limit* for each posture separately. However, the lowest *input.power.limit* across all postures for a given module + band + beam is taken in the end as the final *input.power.limit* for that beam. This conservatively ensures compliance for all device postures with the final PD characterization.

All simulated PD shown below is done for the plane 2mm from the given surface of the device. Some edges not included in the simulation report were confirmed to have much lower PD than the reported edges for those band / antenna / posture combinations.

Band n261 – Flip Posture (360 Degrees) Simulated PD

Module 0 – n261 – Flip Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.01	0.01	0.03	N/A	20.55
3		1	0.02	0.00	0.04	N/A	15.41
7		2	0.05	0.02	0.14	N/A	4.40
8		2	0.02	0.01	0.04	N/A	15.41
9		2	0.04	0.01	0.07	N/A	8.81
12		2	0.04	0.02	0.12	N/A	5.14
13		2	0.02	0.01	0.03	N/A	20.55
19		4	0.10	0.06	0.16	N/A	3.85
20		4	0.04	0.02	0.09	N/A	6.85
21		4	0.02	0.01	0.07	N/A	8.81
22		4	0.05	0.03	0.10	N/A	6.17
27		4	0.05	0.03	0.13	N/A	4.74
28		4	0.05	0.02	0.09	N/A	6.85
29		4	0.05	0.03	0.10	N/A	6.17
130		1	0.01	0.01	0.03	N/A	20.55
131		1	0.01	0.01	0.02	N/A	30.83
135		2	0.04	0.02	0.07	N/A	8.81
136		2	0.01	0.02	0.04	N/A	15.41
137		2	0.03	0.01	0.04	N/A	15.41
140		2	0.01	0.03	0.05	N/A	12.33
141		2	0.05	0.02	0.10	N/A	6.17
147		4	0.04	0.03	0.06	N/A	10.28
148		4	0.06	0.04	0.18	N/A	3.43
149		4	0.07	0.04	0.15	N/A	4.11
150		4	0.08	0.04	0.10	N/A	6.17
155		4	0.06	0.07	0.10	N/A	6.17
156		4	0.07	0.04	0.14	N/A	4.40
157		4	0.06	0.03	0.11	N/A	5.61
2	130	2	0.05	0.03	0.11	N/A	5.61
3	131	2	0.04	0.02	0.07	N/A	8.81
7	135	4	0.14	0.07	0.35	N/A	1.76
8	136	4	0.06	0.05	0.09	N/A	6.85
9	137	4	0.11	0.02	0.14	N/A	4.40
12	140	4	0.09	0.04	0.26	N/A	2.37
13	141	4	0.06	0.04	0.20	N/A	3.08
19	147	8	0.18	0.06	0.27	N/A	2.28
20	148	8	0.12	0.08	0.25	N/A	2.47
21	149	8	0.12	0.10	0.21	N/A	2.94
22	150	8	0.21	0.07	0.35	N/A	1.76
27	155	8	0.15	0.07	0.36	N/A	1.71
28	156	8	0.21	0.07	0.28	N/A	2.20
29	157	8	0.12	0.07	0.35	N/A	1.76

Module 0 – n261 – Flip Posture – Mid Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.02	0.01	0.06	N/A	10.28
3		1	0.03	0.01	0.02	N/A	20.55
7		2	0.09	0.02	0.16	N/A	3.85
8		2	0.03	0.02	0.07	N/A	8.81
9		2	0.08	0.01	0.13	N/A	4.74
12		2	0.07	0.02	0.13	N/A	4.74
13		2	0.04	0.02	0.05	N/A	12.33
19		4	0.17	0.04	0.22	N/A	2.80
20		4	0.07	0.02	0.13	N/A	4.74
21		4	0.05	0.03	0.07	N/A	8.81
22		4	0.08	0.03	0.14	N/A	4.40
27		4	0.08	0.03	0.11	N/A	5.61
28		4	0.10	0.02	0.13	N/A	4.74
29		4	0.07	0.05	0.10	N/A	6.17
130		1	0.01	0.01	0.03	N/A	20.55
131		1	0.01	0.01	0.01	N/A	61.66
135		2	0.02	0.01	0.04	N/A	15.41
136		2	0.02	0.01	0.04	N/A	15.41
137		2	0.02	0.01	0.04	N/A	15.41
140		2	0.02	0.01	0.02	N/A	30.83
141		2	0.04	0.02	0.12	N/A	5.14
147		4	0.04	0.01	0.05	N/A	12.33
148		4	0.09	0.04	0.17	N/A	3.63
149		4	0.06	0.03	0.17	N/A	3.63
150		4	0.09	0.03	0.13	N/A	4.74
155		4	0.05	0.05	0.07	N/A	8.81
156		4	0.08	0.04	0.19	N/A	3.25
157		4	0.08	0.03	0.10	N/A	6.17
2	130	2	0.07	0.03	0.15	N/A	4.11
3	131	2	0.04	0.01	0.05	N/A	12.33
7	135	4	0.21	0.06	0.33	N/A	1.87
8	136	4	0.04	0.04	0.08	N/A	7.71
9	137	4	0.09	0.03	0.16	N/A	3.85
12	140	4	0.09	0.06	0.22	N/A	2.80
13	141	4	0.13	0.05	0.27	N/A	2.28
19	147	8	0.19	0.08	0.31	N/A	1.99
20	148	8	0.17	0.11	0.30	N/A	2.06
21	149	8	0.11	0.08	0.31	N/A	1.99
22	150	8	0.20	0.10	0.32	N/A	1.93
27	155	8	0.16	0.08	0.27	N/A	2.28
28	156	8	0.13	0.07	0.26	N/A	2.37
29	157	8	0.23	0.13	0.48	N/A	1.28

Module 0 – n261 – Flip Posture – High Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.02	0.01	0.05	N/A	12.33
3		1	0.03	0.01	0.03	N/A	20.55
7		2	0.07	0.02	0.16	N/A	3.85
8		2	0.04	0.02	0.06	N/A	10.28
9		2	0.08	0.02	0.12	N/A	5.14
12		2	0.06	0.03	0.13	N/A	4.74
13		2	0.03	0.02	0.06	N/A	10.28
19		4	0.16	0.05	0.25	N/A	2.47
20		4	0.06	0.02	0.12	N/A	5.14
21		4	0.05	0.03	0.05	N/A	12.33
22		4	0.08	0.03	0.13	N/A	4.74
27		4	0.08	0.03	0.11	N/A	5.61
28		4	0.09	0.02	0.12	N/A	5.14
29		4	0.06	0.04	0.11	N/A	5.61
130		1	0.01	0.01	0.03	N/A	20.55
131		1	0.01	0.01	0.01	N/A	61.66
135		2	0.03	0.01	0.04	N/A	15.41
136		2	0.02	0.01	0.04	N/A	15.41
137		2	0.02	0.01	0.04	N/A	15.41
140		2	0.02	0.01	0.03	N/A	20.55
141		2	0.05	0.02	0.11	N/A	5.61
147		4	0.05	0.02	0.05	N/A	12.33
148		4	0.09	0.03	0.14	N/A	4.40
149		4	0.06	0.03	0.17	N/A	3.63
150		4	0.10	0.04	0.11	N/A	5.61
155		4	0.05	0.05	0.08	N/A	7.71
156		4	0.09	0.04	0.17	N/A	3.63
157		4	0.07	0.03	0.13	N/A	4.74
2	130	2	0.06	0.03	0.11	N/A	5.61
3	131	2	0.05	0.01	0.04	N/A	12.33
7	135	4	0.14	0.05	0.27	N/A	2.28
8	136	4	0.07	0.04	0.10	N/A	6.17
9	137	4	0.10	0.04	0.22	N/A	2.80
12	140	4	0.13	0.06	0.23	N/A	2.68
13	141	4	0.12	0.06	0.25	N/A	2.47
19	147	8	0.30	0.06	0.35	N/A	1.76
20	148	8	0.26	0.07	0.24	N/A	2.37
21	149	8	0.16	0.09	0.35	N/A	1.76
22	150	8	0.30	0.11	0.42	N/A	1.47
27	155	8	0.09	0.08	0.22	N/A	2.80
28	156	8	0.30	0.07	0.29	N/A	2.06
29	157	8	0.16	0.12	0.41	N/A	1.50

Module 1 – n261 - Flip Posture – Low Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.49	0.00	0.02	0.09	1.258
1		1	0.56	0.00	0.01	0.09	1.101
4		2	0.89	0.00	0.05	0.24	0.693
5		2	1.11	0.00	0.02	0.25	0.555
6		2	0.90	0.00	0.07	0.17	0.685
10		2	1.04	0.00	0.01	0.24	0.593
11		2	1.01	0.00	0.05	0.20	0.610
14		4	1.05	0.01	0.15	0.33	0.587
15		4	1.62	0.01	0.08	0.41	0.381
16		4	1.54	0.00	0.04	0.34	0.400
17		4	1.25	0.00	0.13	0.33	0.493
18		4	1.31	0.01	0.24	0.33	0.471
23		4	1.15	0.01	0.13	0.34	0.536
24		4	1.64	0.00	0.03	0.38	0.376
25		4	1.43	0.00	0.07	0.30	0.431
26		4	1.34	0.01	0.22	0.34	0.460
128		1	0.48	0.00	0.02	0.10	1.285
129		1	0.51	0.00	0.02	0.11	1.209
132		2	1.11	0.00	0.03	0.25	0.555
133		2	0.79	0.00	0.07	0.13	0.781
134		2	1.04	0.00	0.02	0.18	0.593
138		2	0.95	0.00	0.06	0.24	0.649
139		2	0.93	0.00	0.05	0.24	0.663
142		4	1.81	0.00	0.02	0.44	0.341
143		4	1.49	0.01	0.06	0.43	0.414
144		4	1.42	0.01	0.40	0.30	0.434
145		4	1.64	0.00	0.06	0.46	0.376
146		4	1.85	0.00	0.11	0.40	0.333
151		4	1.60	0.01	0.04	0.39	0.385
152		4	1.01	0.01	0.24	0.37	0.610
153		4	1.46	0.00	0.17	0.31	0.422
154		4	1.75	0.00	0.08	0.47	0.352
0	128	2	1.07	0.00	0.06	0.29	0.576
1	129	2	1.19	0.00	0.09	0.23	0.518
4	132	4	1.73	0.01	0.08	0.42	0.356
5	133	4	2.14	0.01	0.16	0.30	0.288
6	134	4	1.99	0.01	0.12	0.47	0.310
10	138	4	2.26	0.01	0.10	0.34	0.273
11	139	4	1.93	0.01	0.20	0.33	0.319
14	142	8	2.78	0.01	0.22	0.62	0.222
15	143	8	3.06	0.01	0.11	0.81	0.202
16	144	8	2.82	0.01	0.42	0.51	0.219
17	145	8	3.04	0.01	0.23	0.83	0.203
18	146	8	3.13	0.01	0.29	0.75	0.197
23	151	8	2.78	0.01	0.23	0.64	0.222
24	152	8	3.01	0.01	0.33	0.72	0.205
25	153	8	2.95	0.01	0.16	0.72	0.209
26	154	8	2.71	0.01	0.30	0.83	0.228

Module 1 – n261 - Flip Posture – Mid Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.49	0.00	0.02	0.11	1.258
1		1	0.55	0.00	0.01	0.06	1.121
4		2	0.87	0.00	0.05	0.21	0.709
5		2	1.11	0.00	0.02	0.23	0.555
6		2	0.88	0.00	0.06	0.13	0.701
10		2	1.05	0.00	0.01	0.25	0.587
11		2	0.99	0.00	0.07	0.14	0.623
14		4	1.04	0.01	0.17	0.27	0.593
15		4	1.62	0.00	0.10	0.51	0.381
16		4	1.51	0.00	0.04	0.42	0.408
17		4	1.19	0.00	0.11	0.32	0.518
18		4	1.26	0.01	0.23	0.27	0.489
23		4	1.43	0.01	0.14	0.51	0.431
24		4	1.61	0.00	0.04	0.42	0.383
25		4	1.39	0.00	0.05	0.42	0.444
26		4	1.28	0.01	0.21	0.25	0.482
128		1	0.47	0.00	0.02	0.14	1.312
129		1	0.5	0.00	0.03	0.09	1.233
132		2	1.09	0.00	0.03	0.15	0.566
133		2	0.76	0.00	0.09	0.15	0.811
134		2	1.01	0.00	0.02	0.16	0.610
138		2	0.92	0.00	0.06	0.27	0.670
139		2	0.91	0.00	0.05	0.21	0.678
142		4	2.07	0.00	0.02	0.40	0.298
143		4	1.45	0.01	0.06	0.47	0.425
144		4	1.18	0.01	0.41	0.25	0.523
145		4	1.52	0.01	0.07	0.45	0.406
146		4	1.75	0.00	0.05	0.42	0.352
151		4	1.98	0.00	0.04	0.49	0.311
152		4	0.97	0.01	0.27	0.37	0.636
153		4	1.31	0.00	0.18	0.34	0.471
154		4	1.72	0.00	0.07	0.45	0.358
0	128	2	1.02	0.00	0.07	0.30	0.605
1	129	2	1.14	0.00	0.09	0.22	0.541
4	132	4	1.71	0.00	0.07	0.37	0.361
5	133	4	2.11	0.01	0.18	0.58	0.292
6	134	4	1.92	0.01	0.12	0.39	0.321
10	138	4	2.2	0.01	0.08	0.56	0.280
11	139	4	1.83	0.01	0.23	0.37	0.337
14	142	8	2.7	0.01	0.22	0.54	0.228
15	143	8	3.03	0.01	0.12	0.72	0.203
16	144	8	2.6	0.01	0.34	0.54	0.237
17	145	8	2.9	0.01	0.21	0.66	0.213
18	146	8	2.8	0.01	0.27	0.68	0.220
23	151	8	2.64	0.01	0.21	0.63	0.234
24	152	8	2.91	0.01	0.37	0.68	0.212
25	153	8	2.77	0.01	0.16	0.63	0.223
26	154	8	2.66	0.01	0.30	0.73	0.232

Module 1 – n261 - Flip Posture – High Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.48	0.00	0.02	0.09	1.285
1		1	0.52	0.00	0.01	0.07	1.186
4		2	0.89	0.00	0.04	0.18	0.693
5		2	1.07	0.00	0.03	0.21	0.576
6		2	0.84	0.00	0.06	0.13	0.734
10		2	1.02	0.00	0.01	0.21	0.605
11		2	0.95	0.00	0.07	0.15	0.649
14		4	1.08	0.01	0.15	0.30	0.571
15		4	1.46	0.00	0.07	0.42	0.422
16		4	1.51	0.00	0.03	0.32	0.408
17		4	1.18	0.00	0.14	0.27	0.523
18		4	1.20	0.01	0.23	0.27	0.514
23		4	1.29	0.01	0.14	0.42	0.478
24		4	1.59	0.00	0.04	0.30	0.388
25		4	1.40	0.00	0.06	0.33	0.440
26		4	1.20	0.01	0.22	0.27	0.514
128		1	0.47	0.00	0.02	0.11	1.312
129		1	0.48	0.00	0.02	0.10	1.285
132		2	1.04	0.00	0.03	0.16	0.593
133		2	0.75	0.00	0.06	0.14	0.822
134		2	0.99	0.00	0.03	0.16	0.623
138		2	0.91	0.00	0.04	0.25	0.678
139		2	0.86	0.00	0.04	0.22	0.717
142		4	2.02	0.00	0.02	0.30	0.305
143		4	1.41	0.00	0.06	0.37	0.437
144		4	0.77	0.01	0.26	0.23	0.801
145		4	1.43	0.01	0.13	0.34	0.431
146		4	1.71	0.00	0.09	0.32	0.361
151		4	1.54	0.00	0.04	0.37	0.400
152		4	0.97	0.01	0.25	0.30	0.636
153		4	1.19	0.00	0.07	0.33	0.518
154		4	1.66	0.00	0.09	0.29	0.371
0	128	2	1.04	0.00	0.06	0.23	0.593
1	129	2	1.10	0.00	0.06	0.20	0.561
4	132	4	1.73	0.00	0.06	0.33	0.356
5	133	4	2.08	0.01	0.14	0.59	0.296
6	134	4	1.85	0.01	0.11	0.38	0.333
10	138	4	2.17	0.00	0.05	0.55	0.284
11	139	4	1.66	0.01	0.18	0.38	0.371
14	142	8	2.71	0.01	0.20	0.47	0.228
15	143	8	2.92	0.01	0.12	0.68	0.211
16	144	8	2.55	0.01	0.34	0.51	0.242
17	145	8	2.76	0.01	0.23	0.64	0.223
18	146	8	2.96	0.01	0.27	0.63	0.208
23	151	8	2.62	0.01	0.15	0.58	0.235
24	152	8	2.86	0.01	0.35	0.62	0.216
25	153	8	2.71	0.01	0.12	0.66	0.228
26	154	8	2.69	0.01	0.31	0.67	0.229

Band n261 - Flat Posture (180 Degrees) Simulated PD

Module 0 – n261 – Flat Posture – Low Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.01	0.54	0.04	N/A	1.142
3		1	0.01	0.60	0.04	N/A	1.028
7		2	0.03	1.06	0.09	N/A	0.582
8		2	0.02	1.10	0.02	N/A	0.561
9		2	0.02	0.89	0.14	N/A	0.693
12		2	0.03	1.08	0.06	N/A	0.571
13		2	0.03	1.15	0.05	N/A	0.536
19		4	0.03	1.54	0.32	N/A	0.400
20		4	0.04	1.56	0.10	N/A	0.395
21		4	0.02	1.86	0.03	N/A	0.332
22		4	0.08	1.71	0.27	N/A	0.361
27		4	0.05	1.42	0.16	N/A	0.434
28		4	0.01	1.73	0.02	N/A	0.356
29		4	0.06	2.08	0.10	N/A	0.296
130		1	0.01	0.57	0.06	N/A	1.082
131		1	0.00	0.57	0.02	N/A	1.082
135		2	0.01	1.14	0.05	N/A	0.541
136		2	0.01	0.90	0.11	N/A	0.685
137		2	0.01	1.12	0.04	N/A	0.551
140		2	0.01	1.15	0.03	N/A	0.536
141		2	0.04	1.08	0.23	N/A	0.571
147		4	0.02	1.66	0.03	N/A	0.371
148		4	0.04	1.58	0.22	N/A	0.390
149		4	0.04	1.27	0.35	N/A	0.486
150		4	0.06	1.98	0.15	N/A	0.311
155		4	0.02	1.58	0.04	N/A	0.390
156		4	0.07	1.72	0.31	N/A	0.358
157		4	0.04	1.75	0.30	N/A	0.352
2	130	2	0.03	1.38	0.16	N/A	0.447
3	131	2	0.02	1.43	0.07	N/A	0.431
7	135	4	0.06	1.99	0.26	N/A	0.310
8	136	4	0.04	2.31	0.20	N/A	0.267
9	137	4	0.04	2.26	0.27	N/A	0.273
12	140	4	0.03	1.50	0.16	N/A	0.411
13	141	4	0.11	2.24	0.21	N/A	0.275
19	147	8	0.07	3.35	0.43	N/A	0.184
20	148	8	0.07	4.20	0.39	N/A	0.147
21	149	8	0.11	2.82	0.22	N/A	0.219
22	150	8	0.21	3.13	0.65	N/A	0.197
27	155	8	0.07	3.49	0.25	N/A	0.177
28	156	8	0.13	4.59	0.38	N/A	0.134
29	157	8	0.15	3.05	0.25	N/A	0.202

Module 0 – n261 – Flat Posture – Mid Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.01	0.52	0.05	N/A	1.186
3		1	0.00	0.59	0.02	N/A	1.045
7		2	0.05	1.01	0.15	N/A	0.610
8		2	0.02	1.06	0.03	N/A	0.582
9		2	0.01	0.83	0.13	N/A	0.743
12		2	0.03	1.05	0.10	N/A	0.587
13		2	0.03	1.08	0.06	N/A	0.571
19		4	0.07	1.43	0.27	N/A	0.431
20		4	0.02	1.46	0.04	N/A	0.422
21		4	0.03	1.76	0.05	N/A	0.350
22		4	0.06	1.65	0.29	N/A	0.374
27		4	0.03	1.44	0.08	N/A	0.428
28		4	0.01	1.66	0.02	N/A	0.371
29		4	0.06	1.52	0.16	N/A	0.406
130		1	0.01	0.54	0.04	N/A	1.142
131		1	0.00	0.54	0.02	N/A	1.142
135		2	0.01	1.07	0.04	N/A	0.576
136		2	0.02	0.86	0.11	N/A	0.717
137		2	0.01	1.05	0.05	N/A	0.587
140		2	0.01	1.15	0.02	N/A	0.536
141		2	0.06	1.02	0.13	N/A	0.605
147		4	0.02	1.79	0.03	N/A	0.344
148		4	0.06	2.04	0.18	N/A	0.302
149		4	0.04	1.30	0.35	N/A	0.474
150		4	0.06	1.81	0.16	N/A	0.341
155		4	0.01	1.61	0.03	N/A	0.383
156		4	0.07	1.60	0.21	N/A	0.385
157		4	0.09	1.57	0.17	N/A	0.393
2	130	2	0.03	1.33	0.19	N/A	0.464
3	131	2	0.01	1.38	0.04	N/A	0.447
7	135	4	0.08	1.88	0.27	N/A	0.328
8	136	4	0.06	2.25	0.10	N/A	0.274
9	137	4	0.03	2.13	0.26	N/A	0.289
12	140	4	0.02	1.47	0.13	N/A	0.419
13	141	4	0.14	2.22	0.28	N/A	0.278
19	147	8	0.08	3.23	0.27	N/A	0.191
20	148	8	0.07	3.97	0.27	N/A	0.155
21	149	8	0.11	2.92	0.21	N/A	0.211
22	150	8	0.24	3.56	0.76	N/A	0.173
27	155	8	0.05	3.32	0.10	N/A	0.186
28	156	8	0.14	4.16	0.28	N/A	0.148
29	157	8	0.22	2.67	0.36	N/A	0.231

Module 0 – n261 – Flat Posture – High Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.01	0.52	0.05	N/A	1.186
3		1	0.00	0.54	0.03	N/A	1.142
7		2	0.06	1.04	0.10	N/A	0.593
8		2	0.02	1.04	0.03	N/A	0.593
9		2	0.02	0.88	0.13	N/A	0.701
12		2	0.03	1.02	0.12	N/A	0.605
13		2	0.04	1.06	0.06	N/A	0.582
19		4	0.07	1.33	0.28	N/A	0.464
20		4	0.02	1.49	0.04	N/A	0.414
21		4	0.03	1.91	0.05	N/A	0.323
22		4	0.07	1.52	0.30	N/A	0.406
27		4	0.03	1.32	0.08	N/A	0.467
28		4	0.01	1.70	0.02	N/A	0.363
29		4	0.07	1.44	0.11	N/A	0.428
130		1	0.01	0.56	0.06	N/A	1.101
131		1	0.00	0.52	0.02	N/A	1.186
135		2	0.00	1.04	0.05	N/A	0.593
136		2	0.02	0.84	0.11	N/A	0.734
137		2	0.01	1.03	0.05	N/A	0.599
140		2	0.01	1.19	0.02	N/A	0.518
141		2	0.06	1.07	0.13	N/A	0.576
147		4	0.02	1.73	0.03	N/A	0.356
148		4	0.06	1.55	0.20	N/A	0.398
149		4	0.04	1.40	0.35	N/A	0.440
150		4	0.07	1.59	0.16	N/A	0.388
155		4	0.02	1.80	0.03	N/A	0.343
156		4	0.08	1.53	0.22	N/A	0.403
157		4	0.08	1.47	0.14	N/A	0.419
2	130	2	0.03	1.34	0.18	N/A	0.460
3	131	2	0.01	1.37	0.05	N/A	0.450
7	135	4	0.07	1.82	0.26	N/A	0.339
8	136	4	0.06	2.23	0.10	N/A	0.277
9	137	4	0.03	2.04	0.23	N/A	0.302
12	140	4	0.04	1.50	0.16	N/A	0.411
13	141	4	0.16	2.26	0.28	N/A	0.273
19	147	8	0.10	3.17	0.30	N/A	0.195
20	148	8	0.08	3.21	0.34	N/A	0.192
21	149	8	0.13	2.66	0.23	N/A	0.232
22	150	8	0.22	3.47	0.75	N/A	0.178
27	155	8	0.05	2.93	0.13	N/A	0.210
28	156	8	0.14	4.02	0.29	N/A	0.153
29	157	8	0.24	3.65	0.39	N/A	0.169

Module 1 – n261 – Flat Posture – Low Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.48	0.09	N/A	0.11	1.285
1		1	0.53	0.07	N/A	0.08	1.163
4		2	0.89	0.20	N/A	0.23	0.693
5		2	1.09	0.12	N/A	0.29	0.566
6		2	0.87	0.15	N/A	0.15	0.709
10		2	1.04	0.14	N/A	0.29	0.593
11		2	0.92	0.14	N/A	0.17	0.670
14		4	1.05	0.32	N/A	0.34	0.587
15		4	1.66	0.24	N/A	0.57	0.371
16		4	1.50	0.11	N/A	0.50	0.411
17		4	1.36	0.18	N/A	0.28	0.453
18		4	1.23	0.35	N/A	0.30	0.501
23		4	1.13	0.32	N/A	0.40	0.546
24		4	1.67	0.13	N/A	0.57	0.369
25		4	1.51	0.15	N/A	0.47	0.408
26		4	1.31	0.30	N/A	0.29	0.471
128		1	0.47	0.07	N/A	0.09	1.312
129		1	0.49	0.04	N/A	0.10	1.258
132		2	1.11	0.12	N/A	0.24	0.555
133		2	0.75	0.13	N/A	0.13	0.822
134		2	1.01	0.12	N/A	0.18	0.610
138		2	0.94	0.14	N/A	0.24	0.656
139		2	0.88	0.08	N/A	0.24	0.701
142		4	1.84	0.11	N/A	0.55	0.335
143		4	1.46	0.28	N/A	0.48	0.422
144		4	1.42	0.28	N/A	0.31	0.434
145		4	1.54	0.17	N/A	0.36	0.400
146		4	1.79	0.20	N/A	0.54	0.344
151		4	1.63	0.27	N/A	0.43	0.378
152		4	1.02	0.43	N/A	0.44	0.605
153		4	1.41	0.18	N/A	0.31	0.437
154		4	1.69	0.19	N/A	0.52	0.365
0	128	2	1.07	0.17	N/A	0.29	0.576
1	129	2	1.19	0.15	N/A	0.20	0.518
4	132	4	1.76	0.31	N/A	0.45	0.350
5	133	4	2.14	0.27	N/A	0.26	0.288
6	134	4	1.90	0.25	N/A	0.42	0.325
10	138	4	2.23	0.27	N/A	0.41	0.277
11	139	4	1.94	0.34	N/A	0.35	0.318
14	142	8	2.87	0.47	N/A	0.64	0.215
15	143	8	3.03	0.58	N/A	0.78	0.203
16	144	8	2.76	0.42	N/A	0.58	0.223
17	145	8	2.70	0.41	N/A	0.68	0.228
18	146	8	2.90	0.49	N/A	0.73	0.213
23	151	8	2.99	0.46	N/A	0.68	0.206
24	152	8	2.88	0.47	N/A	0.72	0.214
25	153	8	2.91	0.32	N/A	0.61	0.212
26	154	8	2.72	0.52	N/A	0.70	0.227

Module 1 – n261 – Flat Posture – Mid Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.47	0.08	N/A	0.08	1.312
1		1	0.51	0.05	N/A	0.07	1.209
4		2	0.85	0.17	N/A	0.15	0.725
5		2	1.08	0.09	N/A	0.17	0.571
6		2	0.79	0.11	N/A	0.15	0.781
10		2	1.04	0.11	N/A	0.15	0.593
11		2	0.88	0.13	N/A	0.16	0.701
14		4	1.00	0.28	N/A	0.20	0.617
15		4	1.51	0.16	N/A	0.29	0.408
16		4	1.47	0.09	N/A	0.19	0.419
17		4	1.23	0.19	N/A	0.26	0.501
18		4	1.10	0.29	N/A	0.35	0.561
23		4	1.33	0.29	N/A	0.28	0.464
24		4	1.69	0.10	N/A	0.26	0.365
25		4	1.37	0.12	N/A	0.19	0.450
26		4	1.15	0.28	N/A	0.32	0.536
128		1	0.49	0.06	N/A	0.08	1.258
129		1	0.49	0.04	N/A	0.09	1.258
132		2	1.08	0.09	N/A	0.12	0.571
133		2	0.73	0.14	N/A	0.13	0.845
134		2	0.97	0.11	N/A	0.13	0.636
138		2	0.93	0.13	N/A	0.15	0.663
139		2	0.90	0.09	N/A	0.19	0.685
142		4	1.66	0.09	N/A	0.24	0.371
143		4	1.32	0.24	N/A	0.21	0.467
144		4	1.22	0.27	N/A	0.29	0.505
145		4	1.43	0.22	N/A	0.35	0.431
146		4	1.67	0.16	N/A	0.23	0.369
151		4	1.46	0.21	N/A	0.25	0.422
152		4	0.98	0.34	N/A	0.28	0.629
153		4	1.23	0.18	N/A	0.32	0.501
154		4	1.64	0.20	N/A	0.29	0.376
0	128	2	0.89	0.14	N/A	0.23	0.693
1	129	2	1.14	0.10	N/A	0.20	0.541
4	132	4	1.62	0.20	N/A	0.46	0.381
5	133	4	2.10	0.21	N/A	0.55	0.294
6	134	4	1.83	0.21	N/A	0.39	0.337
10	138	4	2.18	0.24	N/A	0.60	0.283
11	139	4	1.81	0.23	N/A	0.36	0.341
14	142	8	2.80	0.36	N/A	0.57	0.220
15	143	8	2.74	0.40	N/A	0.77	0.225
16	144	8	2.74	0.38	N/A	0.53	0.225
17	145	8	2.62	0.43	N/A	0.62	0.235
18	146	8	2.78	0.46	N/A	0.65	0.222
23	151	8	2.67	0.44	N/A	0.84	0.231
24	152	8	2.65	0.33	N/A	0.59	0.233
25	153	8	2.86	0.33	N/A	0.53	0.216
26	154	8	2.55	0.50	N/A	0.71	0.242

Module 1 – n261 – Flat Posture – High Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.47	0.09	N/A	0.11	1.312
1		1	0.50	0.05	N/A	0.07	1.233
4		2	0.83	0.14	N/A	0.20	0.743
5		2	1.06	0.09	N/A	0.26	0.582
6		2	0.79	0.09	N/A	0.14	0.781
10		2	1.02	0.10	N/A	0.27	0.605
11		2	0.88	0.14	N/A	0.19	0.701
14		4	1.04	0.27	N/A	0.18	0.593
15		4	1.45	0.16	N/A	0.55	0.425
16		4	1.57	0.08	N/A	0.48	0.393
17		4	1.17	0.20	N/A	0.39	0.527
18		4	1.05	0.25	N/A	0.30	0.587
23		4	1.29	0.28	N/A	0.42	0.478
24		4	1.62	0.11	N/A	0.51	0.381
25		4	1.43	0.11	N/A	0.47	0.431
26		4	1.08	0.25	N/A	0.28	0.571
128		1	0.47	0.06	N/A	0.12	1.312
129		1	0.47	0.05	N/A	0.09	1.312
132		2	1.06	0.09	N/A	0.16	0.582
133		2	0.72	0.14	N/A	0.16	0.856
134		2	0.98	0.10	N/A	0.15	0.629
138		2	0.92	0.11	N/A	0.25	0.670
139		2	0.87	0.10	N/A	0.21	0.709
142		4	1.77	0.10	N/A	0.54	0.348
143		4	1.36	0.18	N/A	0.52	0.453
144		4	0.73	0.28	N/A	0.32	0.845
145		4	1.21	0.21	N/A	0.35	0.510
146		4	1.76	0.14	N/A	0.50	0.350
151		4	1.57	0.18	N/A	0.57	0.393
152		4	0.90	0.31	N/A	0.31	0.685
153		4	1.14	0.20	N/A	0.34	0.541
154		4	1.41	0.19	N/A	0.47	0.437
0	128	2	0.87	0.13	N/A	0.24	0.709
1	129	2	1.09	0.10	N/A	0.20	0.566
4	132	4	1.72	0.20	N/A	0.32	0.358
5	133	4	2.05	0.22	N/A	0.56	0.301
6	134	4	1.78	0.21	N/A	0.40	0.346
10	138	4	2.12	0.17	N/A	0.60	0.291
11	139	4	1.73	0.22	N/A	0.38	0.356
14	142	8	2.84	0.39	N/A	0.57	0.217
15	143	8	2.78	0.45	N/A	0.74	0.222
16	144	8	2.61	0.41	N/A	0.57	0.236
17	145	8	2.57	0.43	N/A	0.62	0.240
18	146	8	2.72	0.46	N/A	0.68	0.227
23	151	8	2.83	0.46	N/A	0.73	0.218
24	152	8	2.77	0.37	N/A	0.62	0.223
25	153	8	2.71	0.38	N/A	0.58	0.228
26	154	8	2.46	0.50	N/A	0.66	0.251

Band n261 - Closed Posture (0 degrees) Simulated PD

Module 0 – n261 – Closed Posture – Low Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.00	0.53	0.04	N/A	1.163
3		1	0.00	0.58	0.04	N/A	1.063
7		2	0.01	1.05	0.08	N/A	0.587
8		2	0.00	1.09	0.02	N/A	0.566
9		2	0.00	0.87	0.15	N/A	0.709
12		2	0.01	1.06	0.15	N/A	0.582
13		2	0.01	1.14	0.05	N/A	0.541
19		4	0.01	1.48	0.31	N/A	0.417
20		4	0.01	1.54	0.09	N/A	0.400
21		4	0.00	1.82	0.03	N/A	0.339
22		4	0.03	1.67	0.26	N/A	0.369
27		4	0.01	1.41	0.15	N/A	0.437
28		4	0.00	1.67	0.04	N/A	0.369
29		4	0.01	2.03	0.10	N/A	0.304
130		1	0.00	0.56	0.06	N/A	1.101
131		1	0.00	0.56	0.03	N/A	1.101
135		2	0.00	1.12	0.05	N/A	0.551
136		2	0.00	0.88	0.12	N/A	0.701
137		2	0.00	1.10	0.04	N/A	0.561
140		2	0.00	1.12	0.03	N/A	0.551
141		2	0.01	1.06	0.22	N/A	0.582
147		4	0.01	1.64	0.04	N/A	0.376
148		4	0.01	0.84	0.21	N/A	0.734
149		4	0.01	1.25	0.34	N/A	0.493
150		4	0.01	1.95	0.15	N/A	0.316
155		4	0.01	1.55	0.04	N/A	0.398
156		4	0.02	0.76	0.29	N/A	0.811
157		4	0.01	1.71	0.31	N/A	0.361
2	130	2	0.01	1.37	0.16	N/A	0.450
3	131	2	0.00	1.41	0.07	N/A	0.437
7	135	4	0.02	1.93	0.25	N/A	0.319
8	136	4	0.01	2.30	0.23	N/A	0.268
9	137	4	0.01	2.22	0.28	N/A	0.278
12	140	4	0.01	1.48	0.14	N/A	0.417
13	141	4	0.02	2.22	0.20	N/A	0.278
19	147	8	0.02	3.26	0.55	N/A	0.189
20	148	8	0.02	4.13	0.39	N/A	0.149
21	149	8	0.04	2.78	0.20	N/A	0.222
22	150	8	0.05	3.09	0.64	N/A	0.200
27	155	8	0.01	3.42	0.26	N/A	0.180
28	156	8	0.02	4.51	0.39	N/A	0.137
29	157	8	0.03	2.98	0.24	N/A	0.207

Module 0 – n261 – Closed Posture – Mid Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.00	0.52	0.05	N/A	1.186
3		1	0.00	0.58	0.04	N/A	1.063
7		2	0.01	1.05	0.17	N/A	0.587
8		2	0.00	1.08	0.03	N/A	0.571
9		2	0.00	0.83	0.14	N/A	0.743
12		2	0.01	1.05	0.13	N/A	0.587
13		2	0.01	1.11	0.06	N/A	0.555
19		4	0.01	1.44	0.29	N/A	0.428
20		4	0.00	1.48	0.06	N/A	0.417
21		4	0.01	1.85	0.04	N/A	0.333
22		4	0.02	1.64	0.30	N/A	0.376
27		4	0.01	1.38	0.17	N/A	0.447
28		4	0.00	1.72	0.02	N/A	0.358
29		4	0.01	1.54	0.11	N/A	0.400
130		1	0.00	0.57	0.05	N/A	1.082
131		1	0.00	0.55	0.02	N/A	1.121
135		2	0.00	1.10	0.05	N/A	0.561
136		2	0.00	0.87	0.09	N/A	0.709
137		2	0.00	1.08	0.04	N/A	0.571
140		2	0.00	1.19	0.03	N/A	0.518
141		2	0.02	1.06	0.12	N/A	0.582
147		4	0.01	1.79	0.03	N/A	0.344
148		4	0.01	2.08	0.19	N/A	0.296
149		4	0.01	1.33	0.37	N/A	0.464
150		4	0.01	1.87	0.16	N/A	0.330
155		4	0.00	1.82	0.03	N/A	0.339
156		4	0.02	1.63	0.29	N/A	0.378
157		4	0.02	1.59	0.26	N/A	0.388
2	130	2	0.01	1.34	0.16	N/A	0.460
3	131	2	0.00	1.36	0.09	N/A	0.453
7	135	4	0.03	1.76	0.25	N/A	0.350
8	136	4	0.02	2.20	0.10	N/A	0.280
9	137	4	0.01	2.05	0.27	N/A	0.301
12	140	4	0.00	1.36	0.17	N/A	0.453
13	141	4	0.03	2.08	0.25	N/A	0.296
19	147	8	0.03	3.17	0.35	N/A	0.195
20	148	8	0.02	3.87	0.36	N/A	0.159
21	149	8	0.04	2.78	0.21	N/A	0.222
22	150	8	0.06	2.68	0.70	N/A	0.230
27	155	8	0.01	3.21	0.15	N/A	0.192
28	156	8	0.03	4.01	0.30	N/A	0.154
29	157	8	0.05	2.38	0.34	N/A	0.259

Module 0 – n261 – Closed Posture – High Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
2		1	0.00	0.52	0.05	N/A	1.186
3		1	0.00	0.50	0.03	N/A	1.233
7		2	0.01	1.03	0.10	N/A	0.599
8		2	0.00	1.01	0.03	N/A	0.610
9		2	0.00	0.63	0.13	N/A	0.979
12		2	0.01	1.03	0.10	N/A	0.599
13		2	0.01	1.03	0.07	N/A	0.599
19		4	0.01	1.23	0.27	N/A	0.501
20		4	0.00	1.50	0.06	N/A	0.411
21		4	0.01	1.63	0.05	N/A	0.378
22		4	0.02	1.46	0.29	N/A	0.422
27		4	0.01	1.30	0.08	N/A	0.474
28		4	0.00	1.76	0.05	N/A	0.350
29		4	0.01	1.42	0.16	N/A	0.434
130		1	0.00	0.55	0.05	N/A	1.121
131		1	0.00	0.51	0.02	N/A	1.209
135		2	0.00	0.99	0.05	N/A	0.623
136		2	0.00	0.86	0.12	N/A	0.717
137		2	0.00	1.00	0.05	N/A	0.617
140		2	0.00	1.18	0.02	N/A	0.523
141		2	0.02	1.01	0.12	N/A	0.610
147		4	0.01	1.73	0.03	N/A	0.356
148		4	0.01	1.89	0.19	N/A	0.326
149		4	0.01	1.40	0.32	N/A	0.440
150		4	0.02	1.63	0.15	N/A	0.378
155		4	0.01	1.67	0.02	N/A	0.369
156		4	0.02	1.55	0.24	N/A	0.398
157		4	0.02	1.45	0.15	N/A	0.425
2	130	2	0.01	1.36	0.19	N/A	0.453
3	131	2	0.00	1.35	0.05	N/A	0.457
7	135	4	0.02	1.76	0.25	N/A	0.350
8	136	4	0.02	2.23	0.10	N/A	0.277
9	137	4	0.01	2.00	0.26	N/A	0.308
12	140	4	0.01	1.45	0.13	N/A	0.425
13	141	4	0.04	2.14	0.28	N/A	0.288
19	147	8	0.03	3.30	0.33	N/A	0.187
20	148	8	0.02	3.01	0.32	N/A	0.205
21	149	8	0.04	2.57	0.20	N/A	0.240
22	150	8	0.06	2.99	0.74	N/A	0.206
27	155	8	0.01	3.05	0.15	N/A	0.202
28	156	8	0.03	3.13	0.29	N/A	0.197
29	157	8	0.05	2.98	0.39	N/A	0.207

Module 1 – n261 – Closed Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.13	0.12	0.01	0.10	4.743
1		1	0.16	0.08	0.02	0.11	3.854
4		2	0.24	0.22	0.04	0.21	2.569
5		2	0.41	0.15	0.02	0.28	1.504
6		2	0.25	0.17	0.04	0.16	2.466
10		2	0.38	0.17	0.02	0.21	1.623
11		2	0.34	0.18	0.04	0.26	1.814
14		4	0.25	0.46	0.09	0.53	1.163
15		4	0.47	0.47	0.04	0.54	1.142
16		4	0.64	0.25	0.05	0.40	0.963
17		4	0.51	0.36	0.07	0.42	1.209
18		4	0.53	0.33	0.14	0.44	1.163
23		4	0.27	0.64	0.04	0.62	0.963
24		4	0.65	0.34	0.07	0.40	0.949
25		4	0.62	0.32	0.08	0.42	0.995
26		4	0.53	0.26	0.12	0.46	1.163
128		1	0.15	0.10	0.02	0.10	4.111
129		1	0.14	0.09	0.02	0.11	4.404
132		2	0.35	0.25	0.02	0.28	1.762
133		2	0.19	0.20	0.08	0.16	3.083
134		2	0.33	0.17	0.03	0.22	1.868
138		2	0.27	0.22	0.04	0.15	2.284
139		2	0.31	0.12	0.06	0.23	1.989
142		4	0.62	0.28	0.04	0.43	0.995
143		4	0.47	0.51	0.08	0.56	1.101
144		4	0.40	0.46	0.14	0.31	1.340
145		4	0.64	0.38	0.11	0.50	0.963
146		4	0.67	0.41	0.12	0.35	0.920
151		4	0.50	0.43	0.05	0.53	1.163
152		4	0.38	0.49	0.13	0.45	1.258
153		4	0.53	0.44	0.19	0.40	1.163
154		4	0.65	0.37	0.13	0.51	0.949
0	128	2	0.26	0.20	0.06	0.28	2.202
1	129	2	0.33	0.18	0.07	0.23	1.868
4	132	4	0.57	0.51	0.08	0.42	1.082
5	133	4	0.67	0.39	0.14	0.55	0.920
6	134	4	0.57	0.40	0.13	0.51	1.082
10	138	4	0.70	0.45	0.06	0.48	0.881
11	139	4	0.53	0.36	0.17	0.37	1.163
14	142	8	0.88	0.88	0.20	0.95	0.649
15	143	8	1.01	0.83	0.10	0.87	0.610
16	144	8	1.00	0.58	0.30	0.83	0.617
17	145	8	1.07	0.77	0.25	1.16	0.532
18	146	8	0.93	0.91	0.43	0.89	0.663
23	151	8	0.91	0.99	0.11	1.13	0.546
24	152	8	1.09	0.89	0.20	0.89	0.566
25	153	8	1.01	0.82	0.38	0.97	0.610
26	154	8	1.00	0.86	0.44	0.89	0.617

Module 1 – n261 – Closed Posture – Mid Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.12	0.11	0.01	0.09	5.138
1		1	0.16	0.08	0.01	0.07	3.854
4		2	0.24	0.22	0.03	0.18	2.569
5		2	0.38	0.14	0.02	0.25	1.623
6		2	0.25	0.16	0.04	0.13	2.466
10		2	0.35	0.15	0.01	0.18	1.762
11		2	0.32	0.16	0.03	0.24	1.927
14		4	0.27	0.48	0.09	0.54	1.142
15		4	0.47	0.45	0.04	0.52	1.186
16		4	0.63	0.22	0.05	0.32	0.979
17		4	0.48	0.30	0.08	0.36	1.285
18		4	0.50	0.28	0.15	0.35	1.233
23		4	0.25	0.63	0.06	0.60	0.979
24		4	0.65	0.32	0.08	0.37	0.949
25		4	0.60	0.29	0.08	0.36	1.028
26		4	0.35	0.24	0.12	0.36	1.713
128		1	0.16	0.08	0.02	0.11	3.854
129		1	0.14	0.08	0.02	0.10	4.404
132		2	0.32	0.27	0.02	0.27	1.927
133		2	0.21	0.17	0.07	0.14	2.936
134		2	0.33	0.14	0.03	0.16	1.868
138		2	0.25	0.19	0.04	0.18	2.466
139		2	0.33	0.11	0.06	0.30	1.868
142		4	0.60	0.25	0.04	0.40	1.028
143		4	0.43	0.46	0.05	0.47	1.312
144		4	0.35	0.41	0.13	0.32	1.504
145		4	0.59	0.35	0.11	0.47	1.045
146		4	0.69	0.40	0.12	0.33	0.894
151		4	0.48	0.38	0.04	0.46	1.285
152		4	0.33	0.45	0.11	0.41	1.370
153		4	0.47	0.37	0.12	0.42	1.312
154		4	0.61	0.36	0.13	0.42	1.011
0	128	2	0.28	0.18	0.05	0.26	2.202
1	129	2	0.31	0.18	0.05	0.23	1.989
4	132	4	0.54	0.48	0.07	0.48	1.142
5	133	4	0.54	0.34	0.12	0.52	1.142
6	134	4	0.58	0.39	0.10	0.41	1.063
10	138	4	0.60	0.41	0.05	0.43	1.028
11	139	4	0.57	0.31	0.15	0.36	1.082
14	142	8	0.89	0.96	0.16	1.03	0.599
15	143	8	0.95	0.69	0.11	0.84	0.649
16	144	8	0.95	0.83	0.28	0.79	0.649
17	145	8	1.06	0.78	0.26	1.00	0.582
18	146	8	0.96	0.94	0.41	0.69	0.642
23	151	8	0.71	0.99	0.20	1.08	0.571
24	152	8	1.06	0.72	0.22	0.82	0.582
25	153	8	0.99	0.72	0.31	0.92	0.623
26	154	8	1.00	0.86	0.36	0.82	0.617

Module 1 – n261 – Closed Posture – High Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.11	0.10	0.01	0.08	5.605
1		1	0.15	0.07	0.02	0.07	4.111
4		2	0.22	0.21	0.02	0.15	2.803
5		2	0.33	0.13	0.02	0.21	1.868
6		2	0.24	0.14	0.04	0.13	2.569
10		2	0.31	0.14	0.02	0.16	1.989
11		2	0.27	0.15	0.06	0.21	2.284
14		4	0.27	0.49	0.16	0.53	1.163
15		4	0.47	0.41	0.04	0.49	1.258
16		4	0.56	0.23	0.04	0.28	1.101
17		4	0.45	0.26	0.10	0.31	1.370
18		4	0.46	0.19	0.17	0.36	1.340
23		4	0.29	0.60	0.04	0.49	1.028
24		4	0.61	0.32	0.10	0.36	1.011
25		4	0.56	0.23	0.05	0.32	1.101
26		4	0.35	0.26	0.16	0.33	1.762
128		1	0.15	0.06	0.01	0.10	4.111
129		1	0.13	0.07	0.01	0.10	4.743
132		2	0.28	0.26	0.02	0.27	2.202
133		2	0.17	0.16	0.04	0.15	3.627
134		2	0.32	0.13	0.02	0.13	1.927
138		2	0.23	0.17	0.02	0.18	2.681
139		2	0.33	0.10	0.03	0.24	1.868
142		4	0.57	0.23	0.03	0.36	1.082
143		4	0.39	0.40	0.07	0.30	1.541
144		4	0.33	0.33	0.12	0.29	1.868
145		4	0.52	0.32	0.08	0.46	1.186
146		4	0.63	0.36	0.11	0.29	0.979
151		4	0.45	0.32	0.02	0.34	1.370
152		4	0.29	0.39	0.10	0.27	1.581
153		4	0.45	0.30	0.11	0.38	1.370
154		4	0.60	0.34	0.12	0.32	1.028
0	128	2	0.26	0.19	0.04	0.25	2.372
1	129	2	0.29	0.16	0.04	0.21	2.126
4	132	4	0.50	0.43	0.05	0.44	1.233
5	133	4	0.46	0.33	0.09	0.51	1.209
6	134	4	0.58	0.37	0.10	0.35	1.063
10	138	4	0.54	0.37	0.03	0.40	1.142
11	139	4	0.55	0.28	0.11	0.40	1.121
14	142	8	0.86	0.96	0.18	1.02	0.605
15	143	8	0.85	0.63	0.08	0.80	0.725
16	144	8	0.88	0.65	0.26	0.72	0.701
17	145	8	1.03	0.77	0.23	0.90	0.599
18	146	8	0.98	0.89	0.44	0.90	0.629
23	151	8	0.74	0.90	0.14	1.00	0.617
24	152	8	0.94	0.82	0.14	0.72	0.656
25	153	8	1.05	0.62	0.23	0.88	0.587
26	154	8	0.98	0.83	0.43	0.77	0.629

Band n260 – Flip Posture (360 Degrees) Simulated PD

Module 0 – n260 – Flip Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.03	0.01	0.08	N/A	7.707
4		1	0.02	0.01	0.04	N/A	15.415
5		1	0.06	0.01	0.07	N/A	8.809
6		1	0.03	0.01	0.04	N/A	15.415
10		2	0.02	0.03	0.05	N/A	12.332
11		2	0.10	0.04	0.21	N/A	2.936
12		2	0.03	0.03	0.05	N/A	12.332
15		2	0.03	0.02	0.08	N/A	7.707
16		2	0.07	0.02	0.12	N/A	5.138
22		4	0.11	0.06	0.22	N/A	2.803
23		4	0.12	0.02	0.11	N/A	5.138
24		4	0.21	0.06	0.47	N/A	1.312
25		4	0.30	0.06	0.33	N/A	1.868
26		4	0.04	0.03	0.11	N/A	5.605
31		4	0.16	0.03	0.15	N/A	3.854
32		4	0.05	0.04	0.15	N/A	4.111
33		4	0.24	0.05	0.33	N/A	1.868
34		4	0.13	0.04	0.16	N/A	3.854
131		1	0.04	0.01	0.09	N/A	6.851
132		1	0.03	0.01	0.04	N/A	15.415
133		1	0.02	0.01	0.05	N/A	12.332
134		1	0.03	0.01	0.02	N/A	20.553
138		2	0.05	0.02	0.06	N/A	10.277
139		2	0.07	0.02	0.14	N/A	4.404
140		2	0.04	0.01	0.05	N/A	12.332
143		2	0.03	0.01	0.07	N/A	8.809
144		2	0.06	0.01	0.07	N/A	8.809
150		4	0.05	0.04	0.18	N/A	3.426
151		4	0.09	0.03	0.15	N/A	4.111
152		4	0.15	0.03	0.31	N/A	1.989
153		4	0.17	0.04	0.19	N/A	3.245
154		4	0.12	0.03	0.11	N/A	5.138
159		4	0.06	0.02	0.17	N/A	3.627
160		4	0.10	0.04	0.22	N/A	2.803
161		4	0.16	0.05	0.37	N/A	1.666
162		4	0.04	0.03	0.08	N/A	7.707
3	131	2	0.08	0.03	0.32	N/A	1.927
4	132	2	0.06	0.02	0.10	N/A	6.166
5	133	2	0.11	0.03	0.18	N/A	3.426
6	134	2	0.07	0.02	0.08	N/A	7.707
10	138	4	0.09	0.07	0.16	N/A	3.854
11	139	4	0.23	0.07	0.57	N/A	1.082
12	140	4	0.07	0.04	0.14	N/A	4.404
15	143	4	0.08	0.04	0.20	N/A	3.083
16	144	4	0.12	0.04	0.21	N/A	2.936
22	150	8	0.18	0.12	0.46	N/A	1.340
23	151	8	0.25	0.08	0.45	N/A	1.370
24	152	8	0.54	0.15	1.20	N/A	0.514
25	153	8	0.56	0.13	0.56	N/A	1.10
26	154	8	0.25	0.07	0.27	N/A	2.28
31	159	8	0.24	0.08	0.38	N/A	1.62
32	160	8	0.19	0.15	0.57	N/A	1.08
33	161	8	0.68	0.14	1.02	N/A	0.60
34	162	8	0.15	0.08	0.27	N/A	2.28

Module 0 – n260 – Flip Posture – Mid Channel							
Beam ID	Paired Beam ID	# of Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.06	0.01	0.10	N/A	6.166
4		1	0.04	0.01	0.04	N/A	15.415
5		1	0.08	0.02	0.12	N/A	5.138
6		1	0.02	0.01	0.06	N/A	10.277
10		2	0.05	0.01	0.10	N/A	6.166
11		2	0.10	0.02	0.19	N/A	3.245
12		2	0.04	0.01	0.07	N/A	8.809
15		2	0.11	0.02	0.14	N/A	4.404
16		2	0.06	0.01	0.08	N/A	7.707
22		4	0.09	0.02	0.21	N/A	2.936
23		4	0.19	0.02	0.20	N/A	3.083
24		4	0.23	0.04	0.38	N/A	1.623
25		4	0.23	0.04	0.30	N/A	2.055
26		4	0.09	0.02	0.26	N/A	2.372
31		4	0.18	0.04	0.23	N/A	2.681
32		4	0.18	0.03	0.27	N/A	2.284
33		4	0.29	0.05	0.43	N/A	1.434
34		4	0.08	0.03	0.12	N/A	5.138
131		1	0.05	0.01	0.08	N/A	7.707
132		1	0.03	0.01	0.07	N/A	8.809
133		1	0.02	0.02	0.09	N/A	6.851
134		1	0.02	0.01	0.03	N/A	20.553
138		2	0.11	0.02	0.15	N/A	4.111
139		2	0.05	0.03	0.11	N/A	5.605
140		2	0.04	0.02	0.09	N/A	6.851
143		2	0.05	0.03	0.10	N/A	6.166
144		2	0.08	0.03	0.10	N/A	6.166
150		4	0.09	0.03	0.30	N/A	2.055
151		4	0.13	0.03	0.33	N/A	1.868
152		4	0.11	0.03	0.27	N/A	2.284
153		4	0.05	0.05	0.21	N/A	2.936
154		4	0.11	0.02	0.29	N/A	2.126
159		4	0.13	0.04	0.23	N/A	2.681
160		4	0.13	0.04	0.34	N/A	1.814
161		4	0.08	0.03	0.23	N/A	2.681
162		4	0.20	0.04	0.25	N/A	2.466
3	131	2	0.17	0.15	0.33	N/A	1.868
4	132	2	0.07	0.05	0.11	N/A	5.605
5	133	2	0.09	0.07	0.19	N/A	3.245
6	134	2	0.05	0.02	0.09	N/A	6.851
10	138	4	0.22	0.16	0.37	N/A	1.666
11	139	4	0.29	0.18	0.41	N/A	1.504
12	140	4	0.10	0.04	0.20	N/A	3.083
15	143	4	0.19	0.07	0.26	N/A	2.372
16	144	4	0.20	0.09	0.24	N/A	2.569
22	150	8	0.25	0.25	0.62	N/A	0.995
23	151	8	0.41	0.32	0.90	N/A	0.685
24	152	8	0.53	0.46	1.02	N/A	0.605
25	153	8	0.33	0.13	0.42	N/A	1.47
26	154	8	0.28	0.27	0.59	N/A	1.05
31	159	8	0.40	0.26	0.74	N/A	0.83
32	160	8	0.44	0.39	1.04	N/A	0.59
33	161	8	0.55	0.37	0.67	N/A	0.92
34	162	8	0.33	0.16	0.53	N/A	1.16

Module 0 – n260 – Flip Posture – High Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.06	0.03	0.08	N/A	7.707
4		1	0.02	0.01	0.03	N/A	20.553
5		1	0.05	0.01	0.05	N/A	12.332
6		1	0.05	0.01	0.08	N/A	7.707
10		2	0.05	0.04	0.07	N/A	8.809
11		2	0.09	0.02	0.14	N/A	4.404
12		2	0.06	0.04	0.09	N/A	6.851
15		2	0.11	0.02	0.10	N/A	5.605
16		2	0.08	0.02	0.08	N/A	7.707
22		4	0.14	0.05	0.22	N/A	2.803
23		4	0.19	0.07	0.15	N/A	3.245
24		4	0.17	0.04	0.30	N/A	2.055
25		4	0.12	0.05	0.20	N/A	3.083
26		4	0.15	0.05	0.19	N/A	3.245
31		4	0.21	0.03	0.24	N/A	2.569
32		4	0.20	0.05	0.21	N/A	2.936
33		4	0.22	0.05	0.30	N/A	2.055
34		4	0.16	0.05	0.17	N/A	3.627
131		1	0.07	0.02	0.13	N/A	4.743
132		1	0.02	0.01	0.04	N/A	15.415
133		1	0.02	0.02	0.07	N/A	8.809
134		1	0.02	0.01	0.03	N/A	20.553
138		2	0.10	0.02	0.20	N/A	3.083
139		2	0.08	0.04	0.11	N/A	5.605
140		2	0.03	0.02	0.07	N/A	8.809
143		2	0.04	0.03	0.12	N/A	5.138
144		2	0.10	0.03	0.16	N/A	3.854
150		4	0.11	0.07	0.38	N/A	1.623
151		4	0.12	0.03	0.31	N/A	1.989
152		4	0.11	0.03	0.30	N/A	2.055
153		4	0.13	0.04	0.21	N/A	2.936
154		4	0.15	0.05	0.27	N/A	2.284
159		4	0.16	0.04	0.31	N/A	1.989
160		4	0.10	0.05	0.25	N/A	2.466
161		4	0.12	0.04	0.21	N/A	2.936
162		4	0.11	0.07	0.22	N/A	2.803
3	131	2	0.21	0.04	0.36	N/A	1.713
4	132	2	0.06	0.01	0.12	N/A	5.138
5	133	2	0.07	0.03	0.10	N/A	6.166
6	134	2	0.08	0.02	0.14	N/A	4.404
10	138	4	0.24	0.05	0.46	N/A	1.340
11	139	4	0.23	0.06	0.34	N/A	1.814
12	140	4	0.12	0.06	0.18	N/A	3.426
15	143	4	0.20	0.04	0.19	N/A	3.083
16	144	4	0.20	0.05	0.27	N/A	2.284
22	150	8	0.32	0.12	0.75	N/A	0.822
23	151	8	0.39	0.12	0.80	N/A	0.771
24	152	8	0.28	0.11	0.73	N/A	0.845
25	153	8	0.30	0.11	0.50	N/A	1.23
26	154	8	0.37	0.14	0.52	N/A	1.19
31	159	8	0.55	0.06	0.68	N/A	0.91
32	160	8	0.50	0.10	0.65	N/A	0.95
33	161	8	0.38	0.09	0.58	N/A	1.06
34	162	8	0.30	0.14	0.33	N/A	1.87

Module 1 – n260 - Flip Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.32	0.00	0.02	0.08	1.927
1		1	0.29	0.00	0.02	0.11	2.126
2		1	0.33	0.00	0.03	0.11	1.868
7		2	0.64	0.00	0.09	0.24	0.963
8		2	0.53	0.00	0.07	0.12	1.163
9		2	0.60	0.00	0.04	0.13	1.028
13		2	0.60	0.00	0.08	0.12	1.028
14		2	0.54	0.00	0.07	0.17	1.142
17		4	1.05	0.01	0.05	0.43	0.587
18		4	1.18	0.01	0.18	0.52	0.523
19		4	0.95	0.01	0.08	0.23	0.649
20		4	0.82	0.01	0.10	0.23	0.752
21		4	0.92	0.01	0.06	0.28	0.670
27		4	1.09	0.01	0.10	0.47	0.566
28		4	1.12	0.01	0.20	0.49	0.551
29		4	0.95	0.00	0.08	0.23	0.649
30		4	0.87	0.01	0.06	0.26	0.709
128		1	0.34	0.00	0.01	0.07	1.814
129		1	0.33	0.00	0.03	0.06	1.868
130		1	0.33	0.00	0.03	0.04	1.868
135		2	0.51	0.00	0.01	0.15	1.209
136		2	0.65	0.00	0.04	0.18	0.949
137		2	0.50	0.00	0.06	0.14	1.233
141		2	0.61	0.00	0.04	0.11	1.011
142		2	0.59	0.00	0.07	0.11	1.045
145		4	0.87	0.00	0.09	0.21	0.709
146		4	1.13	0.01	0.06	0.33	0.546
147		4	1.15	0.01	0.10	0.29	0.536
148		4	0.82	0.01	0.09	0.24	0.752
149		4	0.95	0.01	0.11	0.27	0.649
155		4	0.94	0.01	0.05	0.22	0.656
156		4	1.19	0.01	0.11	0.34	0.518
157		4	1.09	0.00	0.13	0.26	0.566
158		4	0.86	0.00	0.10	0.24	0.717
0	128	2	0.65	0.00	0.03	0.13	0.949
1	129	2	0.65	0.00	0.08	0.20	0.949
2	130	2	0.61	0.00	0.09	0.16	1.011
7	135	4	1.22	0.01	0.12	0.44	0.505
8	136	4	1.40	0.01	0.14	0.35	0.440
9	137	4	1.06	0.01	0.11	0.30	0.582
13	141	4	1.18	0.00	0.19	0.20	0.523
14	142	4	1.18	0.01	0.23	0.30	0.523
17	145	8	2.05	0.01	0.17	0.70	0.301
18	146	8	2.69	0.01	0.27	1.00	0.229
19	147	8	2.17	0.01	0.20	0.58	0.284
20	148	8	1.70	0.01	0.29	0.41	0.363
21	149	8	2.01	0.02	0.25	0.50	0.307
27	155	8	2.16	0.02	0.22	0.81	0.285
28	156	8	2.89	0.01	0.35	1.04	0.213
29	157	8	1.72	0.01	0.24	0.51	0.358
30	158	8	1.84	0.01	0.27	0.46	0.335

Module 1 – n260 - Flip Posture – Mid Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.38	0.00	0.02	0.11	1.623
1		1	0.33	0.00	0.02	0.10	1.868
2		1	0.35	0.00	0.03	0.14	1.762
7		2	0.69	0.00	0.09	0.20	0.894
8		2	0.56	0.00	0.07	0.17	1.101
9		2	0.72	0.00	0.04	0.12	0.856
13		2	0.72	0.00	0.08	0.17	0.856
14		2	0.56	0.00	0.07	0.21	1.101
17		4	1.30	0.01	0.05	0.36	0.474
18		4	1.42	0.01	0.18	0.48	0.434
19		4	1.05	0.01	0.08	0.27	0.587
20		4	0.97	0.01	0.10	0.26	0.636
21		4	0.92	0.01	0.06	0.31	0.670
27		4	1.40	0.01	0.10	0.41	0.440
28		4	1.32	0.01	0.20	0.53	0.467
29		4	1.06	0.01	0.08	0.28	0.582
30		4	0.91	0.01	0.06	0.28	0.678
128		1	0.38	0.00	0.01	0.08	1.623
129		1	0.34	0.00	0.03	0.05	1.814
130		1	0.38	0.00	0.03	0.08	1.623
135		2	0.57	0.00	0.01	0.17	1.082
136		2	0.75	0.00	0.04	0.19	0.822
137		2	0.63	0.00	0.06	0.13	0.979
141		2	0.67	0.00	0.04	0.14	0.920
142		2	0.62	0.00	0.07	0.12	0.995
145		4	0.97	0.00	0.09	0.22	0.636
146		4	0.99	0.01	0.06	0.37	0.623
147		4	1.41	0.00	0.10	0.31	0.437
148		4	0.89	0.01	0.09	0.25	0.693
149		4	1.12	0.01	0.11	0.29	0.551
155		4	0.88	0.01	0.05	0.25	0.701
156		4	1.37	0.01	0.11	0.39	0.450
157		4	1.25	0.00	0.13	0.28	0.493
158		4	1.05	0.00	0.10	0.27	0.587
0	128	2	0.73	0.00	0.04	0.19	0.845
1	129	2	0.69	0.00	0.08	0.19	0.894
2	130	2	0.82	0.00	0.12	0.26	0.752
7	135	4	1.31	0.01	0.10	0.39	0.471
8	136	4	1.55	0.01	0.15	0.38	0.398
9	137	4	1.39	0.01	0.07	0.27	0.444
13	141	4	1.26	0.01	0.12	0.29	0.489
14	142	4	1.20	0.01	0.29	0.44	0.514
17	145	8	2.66	0.01	0.22	0.53	0.232
18	146	8	2.85	0.02	0.22	1.02	0.216
19	147	8	2.32	0.01	0.22	0.63	0.266
20	148	8	2.22	0.01	0.34	0.57	0.278
21	149	8	2.21	0.01	0.31	0.57	0.279
27	155	8	2.34	0.02	0.21	0.78	0.264
28	156	8	3.15	0.02	0.30	1.11	0.196
29	157	8	2.44	0.01	0.34	0.76	0.253
30	158	8	2.04	0.01	0.32	0.53	0.302

Module 1 – n260 - Flip Posture – High Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.40	0.00	0.01	0.11	1.541
1		1	0.38	0.00	0.04	0.09	1.623
2		1	0.40	0.00	0.04	0.11	1.541
7		2	0.69	0.00	0.04	0.19	0.894
8		2	0.69	0.00	0.05	0.19	0.894
9		2	0.71	0.00	0.02	0.13	0.868
13		2	0.77	0.00	0.04	0.20	0.801
14		2	0.62	0.01	0.13	0.22	0.995
17		4	1.19	0.01	0.08	0.28	0.518
18		4	1.36	0.00	0.09	0.37	0.453
19		4	1.12	0.01	0.16	0.39	0.551
20		4	1.09	0.00	0.13	0.30	0.566
21		4	1.05	0.01	0.12	0.30	0.587
27		4	1.26	0.00	0.08	0.30	0.489
28		4	1.39	0.01	0.13	0.41	0.444
29		4	1.13	0.01	0.16	0.39	0.546
30		4	1.01	0.01	0.15	0.30	0.610
128		1	0.45	0.00	0.01	0.11	1.370
129		1	0.38	0.00	0.02	0.07	1.623
130		1	0.36	0.00	0.04	0.08	1.713
135		2	0.69	0.00	0.01	0.19	0.894
136		2	0.77	0.00	0.04	0.16	0.801
137		2	0.77	0.00	0.03	0.16	0.801
141		2	0.75	0.00	0.05	0.15	0.822
142		2	0.62	0.00	0.09	0.08	0.995
145		4	1.28	0.01	0.11	0.29	0.482
146		4	1.12	0.01	0.06	0.39	0.551
147		4	1.41	0.01	0.09	0.31	0.437
148		4	1.00	0.00	0.09	0.22	0.617
149		4	1.35	0.01	0.10	0.29	0.457
155		4	1.10	0.01	0.09	0.38	0.561
156		4	1.41	0.00	0.05	0.33	0.437
157		4	1.31	0.00	0.07	0.27	0.471
158		4	1.26	0.00	0.10	0.24	0.489
0	128	2	0.92	0.00	0.04	0.29	0.670
1	129	2	0.81	0.00	0.09	0.22	0.761
2	130	2	0.80	0.01	0.13	0.28	0.771
7	135	4	1.42	0.01	0.07	0.39	0.434
8	136	4	1.36	0.01	0.16	0.46	0.453
9	137	4	1.57	0.01	0.06	0.40	0.393
13	141	4	1.38	0.01	0.09	0.36	0.447
14	142	4	1.25	0.01	0.30	0.48	0.493
17	145	8	2.62	0.01	0.18	0.85	0.235
18	146	8	2.99	0.01	0.25	0.80	0.206
19	147	8	2.43	0.01	0.33	0.87	0.254
20	148	8	1.87	0.01	0.34	0.59	0.330
21	149	8	2.83	0.01	0.31	0.57	0.218
27	155	8	2.46	0.02	0.16	0.85	0.251
28	156	8	3.27	0.01	0.31	0.80	0.189
29	157	8	2.72	0.01	0.40	0.93	0.227
30	158	8	2.62	0.01	0.32	0.55	0.235

Band n260 - Flat Posture (180 Degrees) Simulated PD

Module 0 – n260 – Flat Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.01	0.41	0.02	N/A	1.504
4		1	0.02	0.39	0.03	N/A	1.581
5		1	0.02	0.42	0.05	N/A	1.468
6		1	0.01	0.44	0.02	N/A	1.401
10		2	0.04	0.66	0.07	N/A	0.934
11		2	0.03	0.89	0.04	N/A	0.693
12		2	0.04	0.64	0.06	N/A	0.963
15		2	0.02	0.65	0.08	N/A	0.949
16		2	0.02	0.69	0.04	N/A	0.894
22		4	0.05	1.60	0.07	N/A	0.385
23		4	0.04	0.68	0.11	N/A	0.907
24		4	0.07	1.50	0.15	N/A	0.411
25		4	0.06	1.53	0.10	N/A	0.403
26		4	0.05	1.00	0.10	N/A	0.617
31		4	0.05	1.06	0.11	N/A	0.582
32		4	0.05	1.28	0.11	N/A	0.482
33		4	0.06	1.68	0.12	N/A	0.367
34		4	0.03	1.23	0.05	N/A	0.501
131		1	0.01	0.45	0.03	N/A	1.370
132		1	0.02	0.38	0.02	N/A	1.623
133		1	0.01	0.43	0.04	N/A	1.434
134		1	0.01	0.44	0.02	N/A	1.401
138		2	0.03	0.71	0.06	N/A	0.868
139		2	0.02	0.69	0.04	N/A	0.894
140		2	0.01	0.74	0.02	N/A	0.833
143		2	0.04	0.78	0.07	N/A	0.791
144		2	0.02	0.64	0.04	N/A	0.963
150		4	0.08	1.17	0.15	N/A	0.527
151		4	0.06	1.40	0.10	N/A	0.440
152		4	0.04	1.27	0.15	N/A	0.486
153		4	0.02	1.21	0.10	N/A	0.510
154		4	0.07	1.26	0.10	N/A	0.489
159		4	0.04	1.16	0.12	N/A	0.532
160		4	0.07	1.51	0.14	N/A	0.408
161		4	0.04	1.68	0.07	N/A	0.367
162		4	0.02	0.97	0.09	N/A	0.636
3	131	2	0.04	0.84	0.09	N/A	0.734
4	132	2	0.07	0.86	0.09	N/A	0.717
5	133	2	0.03	0.86	0.09	N/A	0.717
6	134	2	0.02	1.01	0.05	N/A	0.610
10	138	4	0.12	1.33	0.20	N/A	0.464
11	139	4	0.06	1.67	0.09	N/A	0.369
12	140	4	0.06	1.12	0.10	N/A	0.551
15	143	4	0.13	1.56	0.22	N/A	0.395
16	144	4	0.07	1.38	0.12	N/A	0.447
22	150	8	0.14	2.78	0.33	N/A	0.222
23	151	8	0.18	2.13	0.32	N/A	0.289
24	152	8	0.12	3.27	0.45	N/A	0.189
25	153	8	0.15	3.47	0.24	N/A	0.178
26	154	8	0.18	2.52	0.29	N/A	0.245
31	159	8	0.17	2.40	0.35	N/A	0.257
32	160	8	0.21	2.98	0.32	N/A	0.207
33	161	8	0.18	3.48	0.29	N/A	0.177
34	162	8	0.07	2.06	0.12	N/A	0.299

Module 0 – n260 – Flat Posture – Mid Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.01	0.51	0.04	N/A	1.209
4		1	0.02	0.47	0.04	N/A	1.312
5		1	0.02	0.47	0.04	N/A	1.312
6		1	0.01	0.55	0.01	N/A	1.121
10		2	0.05	0.86	0.08	N/A	0.717
11		2	0.02	1.06	0.06	N/A	0.582
12		2	0.05	0.87	0.09	N/A	0.709
15		2	0.04	0.79	0.10	N/A	0.781
16		2	0.04	0.93	0.08	N/A	0.663
22		4	0.06	1.40	0.12	N/A	0.440
23		4	0.06	0.93	0.13	N/A	0.663
24		4	0.06	1.69	0.16	N/A	0.365
25		4	0.05	1.80	0.11	N/A	0.343
26		4	0.03	1.28	0.10	N/A	0.482
31		4	0.08	1.41	0.12	N/A	0.437
32		4	0.05	1.45	0.13	N/A	0.425
33		4	0.05	1.83	0.16	N/A	0.337
34		4	0.03	1.11	0.08	N/A	0.555
131		1	0.02	0.52	0.04	N/A	1.186
132		1	0.02	0.43	0.04	N/A	1.434
133		1	0.01	0.50	0.03	N/A	1.233
134		1	0.01	0.52	0.02	N/A	1.186
138		2	0.03	0.77	0.09	N/A	0.801
139		2	0.02	0.89	0.05	N/A	0.693
140		2	0.01	0.88	0.03	N/A	0.701
143		2	0.04	0.89	0.08	N/A	0.693
144		2	0.05	0.84	0.08	N/A	0.734
150		4	0.08	0.56	0.15	N/A	1.101
151		4	0.05	1.50	0.09	N/A	0.411
152		4	0.04	1.70	0.25	N/A	0.363
153		4	0.03	1.67	0.06	N/A	0.369
154		4	0.07	1.38	0.11	N/A	0.447
159		4	0.05	1.53	0.10	N/A	0.403
160		4	0.07	0.56	0.13	N/A	1.101
161		4	0.04	1.88	0.08	N/A	0.328
162		4	0.04	1.37	0.12	N/A	0.450
3	131	2	0.04	1.03	0.11	N/A	0.599
4	132	2	0.08	1.04	0.16	N/A	0.593
5	133	2	0.03	1.06	0.07	N/A	0.582
6	134	2	0.01	1.18	0.03	N/A	0.523
10	138	4	0.15	1.59	0.29	N/A	0.388
11	139	4	0.08	2.32	0.13	N/A	0.266
12	140	4	0.08	1.57	0.14	N/A	0.393
15	143	4	0.15	1.97	0.34	N/A	0.313
16	144	4	0.13	1.78	0.28	N/A	0.346
22	150	8	0.24	2.88	0.44	N/A	0.214
23	151	8	0.21	2.95	0.37	N/A	0.209
24	152	8	0.14	3.95	0.28	N/A	0.156
25	153	8	0.10	3.75	0.30	N/A	0.164
26	154	8	0.20	2.33	0.32	N/A	0.265
31	159	8	0.11	3.19	0.35	N/A	0.193
32	160	8	0.19	3.56	0.41	N/A	0.173
33	161	8	0.09	4.26	0.29	N/A	0.145
34	162	8	0.07	2.93	0.27	N/A	0.210

Module 0 – n260 – Flat Posture – High Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.02	0.49	0.04	N/A	1.258
4		1	0.02	0.49	0.04	N/A	1.258
5		1	0.02	0.51	0.03	N/A	1.209
6		1	0.00	0.59	0.01	N/A	1.045
10		2	0.07	0.94	0.11	N/A	0.656
11		2	0.03	1.00	0.07	N/A	0.617
12		2	0.07	0.93	0.10	N/A	0.663
15		2	0.02	0.97	0.05	N/A	0.636
16		2	0.03	0.83	0.07	N/A	0.743
22		4	0.08	1.49	0.14	N/A	0.414
23		4	0.07	1.09	0.12	N/A	0.566
24		4	0.05	1.78	0.22	N/A	0.346
25		4	0.06	1.74	0.10	N/A	0.354
26		4	0.08	1.35	0.15	N/A	0.457
31		4	0.09	1.51	0.15	N/A	0.408
32		4	0.04	1.37	0.13	N/A	0.450
33		4	0.06	1.80	0.21	N/A	0.343
34		4	0.06	1.41	0.11	N/A	0.437
131		1	0.01	0.54	0.05	N/A	1.142
132		1	0.01	0.46	0.02	N/A	1.340
133		1	0.01	0.50	0.02	N/A	1.233
134		1	0.01	0.56	0.01	N/A	1.101
138		2	0.03	0.99	0.10	N/A	0.623
139		2	0.02	0.86	0.08	N/A	0.717
140		2	0.01	0.91	0.03	N/A	0.678
143		2	0.02	1.01	0.03	N/A	0.610
144		2	0.02	0.97	0.07	N/A	0.636
150		4	0.02	0.59	0.14	N/A	1.045
151		4	0.03	1.59	0.15	N/A	0.388
152		4	0.02	1.58	0.23	N/A	0.390
153		4	0.04	1.76	0.06	N/A	0.350
154		4	0.03	1.55	0.13	N/A	0.398
159		4	0.05	1.76	0.13	N/A	0.350
160		4	0.04	1.66	0.16	N/A	0.371
161		4	0.02	1.62	0.10	N/A	0.381
162		4	0.05	1.66	0.14	N/A	0.371
3	131	2	0.03	1.05	0.15	N/A	0.587
4	132	2	0.05	1.15	0.10	N/A	0.536
5	133	2	0.04	1.19	0.08	N/A	0.518
6	134	2	0.02	1.17	0.06	N/A	0.527
10	138	4	0.13	1.85	0.25	N/A	0.333
11	139	4	0.06	2.34	0.23	N/A	0.264
12	140	4	0.10	1.67	0.13	N/A	0.369
15	143	4	0.05	2.38	0.15	N/A	0.259
16	144	4	0.08	1.92	0.21	N/A	0.321
22	150	8	0.18	3.07	0.31	N/A	0.201
23	151	8	0.15	3.49	0.30	N/A	0.177
24	152	8	0.07	4.02	0.53	N/A	0.153
25	153	8	0.14	3.71	0.19	N/A	0.166
26	154	8	0.17	2.96	0.35	N/A	0.208
31	159	8	0.15	3.46	0.30	N/A	0.178
32	160	8	0.07	3.87	0.38	N/A	0.159
33	161	8	0.13	3.89	0.27	N/A	0.159
34	162	8	0.10	2.78	0.20	N/A	0.222

Module 1 – n260 – Flat Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.32	0.05	N/A	0.09	1.927
1		1	0.28	0.05	N/A	0.11	2.202
2		1	0.33	0.08	N/A	0.10	1.868
7		2	0.63	0.19	N/A	0.23	0.979
8		2	0.53	0.11	N/A	0.13	1.163
9		2	0.59	0.10	N/A	0.14	1.045
13		2	0.61	0.10	N/A	0.13	1.011
14		2	0.51	0.15	N/A	0.18	1.209
17		4	1.05	0.35	N/A	0.40	0.587
18		4	1.17	0.36	N/A	0.49	0.527
19		4	0.79	0.19	N/A	0.22	0.781
20		4	0.81	0.22	N/A	0.24	0.761
21		4	0.91	0.26	N/A	0.31	0.678
27		4	1.10	0.36	N/A	0.43	0.561
28		4	1.07	0.33	N/A	0.47	0.576
29		4	0.94	0.18	N/A	0.21	0.656
30		4	0.86	0.26	N/A	0.30	0.717
128		1	0.33	0.05	N/A	0.06	1.868
129		1	0.31	0.05	N/A	0.06	1.989
130		1	0.34	0.07	N/A	0.07	1.814
135		2	0.51	0.11	N/A	0.14	1.209
136		2	0.65	0.17	N/A	0.17	0.949
137		2	0.49	0.12	N/A	0.14	1.258
141		2	0.58	0.10	N/A	0.12	1.063
142		2	0.57	0.13	N/A	0.14	1.082
145		4	0.82	0.20	N/A	0.22	0.752
146		4	1.11	0.26	N/A	0.33	0.555
147		4	1.15	0.26	N/A	0.32	0.536
148		4	0.85	0.22	N/A	0.24	0.725
149		4	0.95	0.24	N/A	0.28	0.649
155		4	0.88	0.18	N/A	0.21	0.701
156		4	1.19	0.33	N/A	0.39	0.518
157		4	1.06	0.21	N/A	0.28	0.582
158		4	0.87	0.21	N/A	0.25	0.709
0	128	2	0.66	0.12	N/A	0.13	0.934
1	129	2	0.65	0.15	N/A	0.20	0.949
2	130	2	0.62	0.17	N/A	0.16	0.995
7	135	4	1.22	0.36	N/A	0.45	0.505
8	136	4	1.40	0.29	N/A	0.35	0.440
9	137	4	1.10	0.24	N/A	0.30	0.561
13	141	4	1.17	0.17	N/A	0.27	0.527
14	142	4	1.16	0.35	N/A	0.34	0.532
17	145	8	2.02	0.61	N/A	0.73	0.305
18	146	8	2.72	0.47	N/A	0.94	0.227
19	147	8	2.07	0.44	N/A	0.61	0.298
20	148	8	1.71	0.58	N/A	0.48	0.361
21	149	8	1.96	0.64	N/A	0.55	0.315
27	155	8	2.21	0.65	N/A	0.70	0.279
28	156	8	2.81	0.56	N/A	0.90	0.219
29	157	8	2.08	0.40	N/A	0.52	0.296
30	158	8	1.82	0.62	N/A	0.56	0.339

Module 1 – n260 – Flat Posture – Mid Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.37	0.07	N/A	0.11	1.666
1		1	0.33	0.07	N/A	0.11	1.868
2		1	0.37	0.11	N/A	0.14	1.666
7		2	0.72	0.13	N/A	0.21	0.856
8		2	0.59	0.03	N/A	0.16	1.045
9		2	0.75	0.10	N/A	0.17	0.822
13		2	0.74	0.11	N/A	0.19	0.833
14		2	0.61	0.17	N/A	0.23	1.011
17		4	1.31	0.29	N/A	0.35	0.471
18		4	1.47	0.41	N/A	0.50	0.419
19		4	1.07	0.23	N/A	0.31	0.576
20		4	0.98	0.20	N/A	0.27	0.629
21		4	1.03	0.29	N/A	0.35	0.599
27		4	1.44	0.33	N/A	0.41	0.428
28		4	1.33	0.35	N/A	0.53	0.464
29		4	1.08	0.23	N/A	0.31	0.571
30		4	0.97	0.26	N/A	0.31	0.636
128		1	0.38	0.05	N/A	0.09	1.623
129		1	0.35	0.05	N/A	0.07	1.762
130		1	0.38	0.06	N/A	0.09	1.623
135		2	0.58	0.13	N/A	0.16	1.063
136		2	0.77	0.12	N/A	0.17	0.801
137		2	0.62	0.10	N/A	0.12	0.995
141		2	0.69	0.09	N/A	0.14	0.894
142		2	0.60	0.09	N/A	0.13	1.028
145		4	0.95	0.20	N/A	0.23	0.649
146		4	0.99	0.31	N/A	0.41	0.623
147		4	1.38	0.18	N/A	0.27	0.447
148		4	0.92	0.25	N/A	0.27	0.670
149		4	1.13	0.24	N/A	0.26	0.546
155		4	0.91	0.26	N/A	0.32	0.678
156		4	1.37	0.21	N/A	0.33	0.450
157		4	1.28	0.17	N/A	0.25	0.482
158		4	1.04	0.22	N/A	0.26	0.593
0	128	2	0.82	0.19	N/A	0.24	0.752
1	129	2	0.70	0.13	N/A	0.20	0.881
2	130	2	0.72	0.18	N/A	0.29	0.856
7	135	4	1.35	0.31	N/A	0.37	0.457
8	136	4	1.53	0.25	N/A	0.39	0.403
9	137	4	1.43	0.19	N/A	0.28	0.431
13	141	4	1.27	0.23	N/A	0.31	0.486
14	142	4	1.27	0.34	N/A	0.54	0.486
17	145	8	2.61	0.65	N/A	0.71	0.236
18	146	8	3.03	0.76	N/A	0.99	0.203
19	147	8	2.33	0.48	N/A	0.75	0.265
20	148	8	2.29	0.56	N/A	0.68	0.269
21	149	8	2.54	0.49	N/A	0.60	0.243
27	155	8	2.31	0.72	N/A	0.83	0.267
28	156	8	3.17	0.72	N/A	0.82	0.195
29	157	8	2.44	0.45	N/A	0.62	0.253
30	158	8	1.97	0.50	N/A	0.61	0.313

Module 1 – n260 – Flat Posture – High Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.39	0.07	N/A	0.12	1.581
1		1	0.39	0.06	N/A	0.09	1.581
2		1	0.41	0.12	N/A	0.12	1.504
7		2	0.70	0.14	N/A	0.21	0.881
8		2	0.68	0.11	N/A	0.19	0.907
9		2	0.67	0.09	N/A	0.16	0.920
13		2	0.78	0.11	N/A	0.19	0.791
14		2	0.64	0.22	N/A	0.25	0.963
17		4	1.22	0.19	N/A	0.27	0.505
18		4	1.49	0.16	N/A	0.38	0.414
19		4	1.16	0.29	N/A	0.41	0.532
20		4	1.16	0.17	N/A	0.33	0.532
21		4	1.06	0.29	N/A	0.34	0.582
27		4	1.30	0.17	N/A	0.29	0.474
28		4	1.43	0.27	N/A	0.43	0.431
29		4	1.16	0.29	N/A	0.42	0.532
30		4	1.05	0.29	N/A	0.34	0.587
128		1	0.44	0.04	N/A	0.10	1.401
129		1	0.37	0.05	N/A	0.07	1.666
130		1	0.37	0.05	N/A	0.09	1.666
135		2	0.69	0.13	N/A	0.19	0.894
136		2	0.75	0.12	N/A	0.19	0.822
137		2	0.75	0.11	N/A	0.19	0.822
141		2	0.73	0.10	N/A	0.14	0.845
142		2	0.63	0.07	N/A	0.09	0.979
145		4	1.18	0.26	N/A	0.29	0.523
146		4	1.30	0.25	N/A	0.40	0.474
147		4	1.38	0.24	N/A	0.32	0.447
148		4	1.06	0.16	N/A	0.26	0.582
149		4	1.28	0.18	N/A	0.28	0.482
155		4	1.12	0.25	N/A	0.35	0.551
156		4	1.38	0.18	N/A	0.33	0.447
157		4	1.31	0.22	N/A	0.28	0.471
158		4	1.20	0.19	N/A	0.25	0.514
0	128	2	0.85	0.11	N/A	0.29	0.725
1	129	2	0.81	0.11	N/A	0.18	0.761
2	130	2	0.78	0.21	N/A	0.29	0.791
7	135	4	1.44	0.25	N/A	0.42	0.428
8	136	4	1.65	0.32	N/A	0.45	0.374
9	137	4	1.60	0.21	N/A	0.39	0.385
13	141	4	1.42	0.25	N/A	0.35	0.434
14	142	4	1.29	0.37	N/A	0.55	0.478
17	145	8	2.61	0.66	N/A	0.84	0.236
18	146	8	3.00	0.54	N/A	0.80	0.206
19	147	8	2.54	0.58	N/A	1.02	0.243
20	148	8	2.50	0.32	N/A	0.76	0.247
21	149	8	2.76	0.42	N/A	0.60	0.223
27	155	8	2.51	0.72	N/A	0.85	0.246
28	156	8	3.27	0.56	N/A	0.77	0.189
29	157	8	2.74	0.63	N/A	0.90	0.225
30	158	8	2.59	0.38	N/A	0.76	0.238

Band n260 - Closed Posture (0 degrees) Simulated PD

Module 0 – n260 – Closed Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.00	0.41	0.04	N/A	1.504
4		1	0.01	0.40	0.03	N/A	1.541
5		1	0.00	0.41	0.05	N/A	1.504
6		1	0.00	0.43	0.02	N/A	1.434
10		2	0.01	0.66	0.07	N/A	0.934
11		2	0.01	0.89	0.09	N/A	0.693
12		2	0.01	0.64	0.06	N/A	0.963
15		2	0.00	0.65	0.08	N/A	0.949
16		2	0.00	0.68	0.04	N/A	0.907
22		4	0.01	1.38	0.07	N/A	0.447
23		4	0.01	0.75	0.12	N/A	0.822
24		4	0.02	1.31	0.16	N/A	0.471
25		4	0.01	1.48	0.09	N/A	0.417
26		4	0.01	0.98	0.10	N/A	0.629
31		4	0.01	1.19	0.12	N/A	0.518
32		4	0.02	1.27	0.11	N/A	0.486
33		4	0.02	1.61	0.13	N/A	0.383
34		4	0.01	1.18	0.05	N/A	0.523
131		1	0.00	0.45	0.04	N/A	1.370
132		1	0.00	0.39	0.02	N/A	1.581
133		1	0.00	0.42	0.04	N/A	1.468
134		1	0.00	0.42	0.02	N/A	1.468
138		2	0.01	0.72	0.05	N/A	0.856
139		2	0.00	0.68	0.03	N/A	0.907
140		2	0.00	0.74	0.02	N/A	0.833
143		2	0.01	0.78	0.07	N/A	0.791
144		2	0.01	0.64	0.05	N/A	0.963
150		4	0.02	1.16	0.15	N/A	0.532
151		4	0.01	1.26	0.09	N/A	0.489
152		4	0.01	1.14	0.16	N/A	0.541
153		4	0.01	1.16	0.08	N/A	0.532
154		4	0.02	1.11	0.10	N/A	0.555
159		4	0.01	1.11	0.12	N/A	0.555
160		4	0.01	1.47	0.14	N/A	0.419
161		4	0.01	1.33	0.06	N/A	0.464
162		4	0.01	0.98	0.09	N/A	0.629
3	131	2	0.01	0.83	0.10	N/A	0.743
4	132	2	0.02	0.85	0.09	N/A	0.725
5	133	2	0.01	0.85	0.09	N/A	0.725
6	134	2	0.00	0.99	0.05	N/A	0.623
10	138	4	0.02	1.26	0.20	N/A	0.489
11	139	4	0.01	1.86	0.09	N/A	0.332
12	140	4	0.02	1.11	0.15	N/A	0.555
15	143	4	0.03	1.55	0.22	N/A	0.398
16	144	4	0.01	1.36	0.06	N/A	0.453
22	150	8	0.03	2.02	0.32	N/A	0.305
23	151	8	0.04	1.61	0.32	N/A	0.383
24	152	8	0.04	2.01	0.46	N/A	0.307
25	153	8	0.04	3.43	0.21	N/A	0.180
26	154	8	0.04	2.55	0.27	N/A	0.242
31	159	8	0.06	2.36	0.36	N/A	0.261
32	160	8	0.05	2.05	0.30	N/A	0.301
33	161	8	0.04	3.46	0.26	N/A	0.178
34	162	8	0.01	1.31	0.10	N/A	0.471

Module 0 – n260 – Closed Posture – Mid Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.00	0.51	0.04	N/A	1.209
4		1	0.01	0.47	0.04	N/A	1.312
5		1	0.00	0.47	0.03	N/A	1.312
6		1	0.00	0.55	0.01	N/A	1.121
10		2	0.01	0.86	0.07	N/A	0.717
11		2	0.01	1.06	0.07	N/A	0.582
12		2	0.01	0.88	0.08	N/A	0.701
15		2	0.01	0.80	0.09	N/A	0.771
16		2	0.01	0.93	0.08	N/A	0.663
22		4	0.01	1.41	0.11	N/A	0.437
23		4	0.02	0.93	0.11	N/A	0.663
24		4	0.02	1.70	0.16	N/A	0.363
25		4	0.01	1.79	0.10	N/A	0.344
26		4	0.01	1.28	0.09	N/A	0.482
31		4	0.02	0.96	0.10	N/A	0.642
32		4	0.02	1.45	0.11	N/A	0.425
33		4	0.01	1.83	0.16	N/A	0.337
34		4	0.01	1.11	0.07	N/A	0.555
131		1	0.00	0.51	0.03	N/A	1.209
132		1	0.00	0.43	0.03	N/A	1.434
133		1	0.00	0.50	0.03	N/A	1.233
134		1	0.00	0.52	0.03	N/A	1.186
138		2	0.01	0.77	0.08	N/A	0.801
139		2	0.00	0.88	0.04	N/A	0.701
140		2	0.00	0.88	0.02	N/A	0.701
143		2	0.01	0.90	0.07	N/A	0.685
144		2	0.01	0.84	0.07	N/A	0.734
150		4	0.02	0.55	0.13	N/A	1.121
151		4	0.01	1.50	0.08	N/A	0.411
152		4	0.01	1.69	0.23	N/A	0.365
153		4	0.01	1.66	0.05	N/A	0.371
154		4	0.02	1.38	0.10	N/A	0.447
159		4	0.01	1.53	0.09	N/A	0.403
160		4	0.01	0.57	0.12	N/A	1.082
161		4	0.01	1.85	0.18	N/A	0.333
162		4	0.01	1.36	0.12	N/A	0.453
3	131	2	0.01	0.98	0.10	N/A	0.629
4	132	2	0.03	1.01	0.13	N/A	0.610
5	133	2	0.01	0.95	0.07	N/A	0.649
6	134	2	0.00	1.16	0.04	N/A	0.532
10	138	4	0.03	1.56	0.24	N/A	0.395
11	139	4	0.02	2.24	0.18	N/A	0.275
12	140	4	0.03	1.60	0.11	N/A	0.385
15	143	4	0.04	1.90	0.28	N/A	0.325
16	144	4	0.03	1.70	0.23	N/A	0.363
22	150	8	0.04	2.72	0.37	N/A	0.227
23	151	8	0.05	2.80	0.29	N/A	0.220
24	152	8	0.05	3.79	0.28	N/A	0.163
25	153	8	0.03	3.68	0.21	N/A	0.168
26	154	8	0.04	2.49	0.26	N/A	0.248
31	159	8	0.04	3.04	0.28	N/A	0.203
32	160	8	0.05	3.45	0.35	N/A	0.179
33	161	8	0.02	4.06	0.21	N/A	0.152
34	162	8	0.01	2.00	0.23	N/A	0.308

Module 0 – n260 – Closed Posture – High Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Right	Top	
3		1	0.01	0.49	0.04	N/A	1.258
4		1	0.01	0.49	0.03	N/A	1.258
5		1	0.00	0.50	0.03	N/A	1.233
6		1	0.00	0.58	0.02	N/A	1.063
10		2	0.02	0.94	0.09	N/A	0.656
11		2	0.01	0.99	0.07	N/A	0.623
12		2	0.02	0.93	0.09	N/A	0.663
15		2	0.00	0.95	0.05	N/A	0.649
16		2	0.01	0.84	0.06	N/A	0.734
22		4	0.02	1.47	0.12	N/A	0.419
23		4	0.02	0.96	0.11	N/A	0.642
24		4	0.01	1.78	0.18	N/A	0.346
25		4	0.01	1.72	0.10	N/A	0.358
26		4	0.01	1.35	0.13	N/A	0.457
31		4	0.02	1.52	0.14	N/A	0.406
32		4	0.01	1.36	0.14	N/A	0.453
33		4	0.02	1.84	0.20	N/A	0.335
34		4	0.01	1.42	0.09	N/A	0.434
131		1	0.00	0.54	0.05	N/A	1.142
132		1	0.00	0.46	0.03	N/A	1.340
133		1	0.00	0.50	0.02	N/A	1.233
134		1	0.00	0.54	0.01	N/A	1.142
138		2	0.01	1.00	0.10	N/A	0.617
139		2	0.00	0.99	0.07	N/A	0.623
140		2	0.00	0.89	0.03	N/A	0.693
143		2	0.01	1.00	0.03	N/A	0.617
144		2	0.01	0.95	0.07	N/A	0.649
150		4	0.00	1.37	0.14	N/A	0.450
151		4	0.01	1.59	0.14	N/A	0.388
152		4	0.00	1.55	0.23	N/A	0.398
153		4	0.01	1.75	0.06	N/A	0.352
154		4	0.01	1.55	0.13	N/A	0.398
159		4	0.01	1.73	0.12	N/A	0.356
160		4	0.01	1.67	0.14	N/A	0.369
161		4	0.00	1.57	0.15	N/A	0.393
162		4	0.02	1.63	0.14	N/A	0.378
3	131	2	0.01	1.03	0.15	N/A	0.599
4	132	2	0.02	1.16	0.10	N/A	0.532
5	133	2	0.01	1.18	0.08	N/A	0.523
6	134	2	0.00	1.16	0.02	N/A	0.532
10	138	4	0.02	1.83	0.23	N/A	0.337
11	139	4	0.01	2.32	0.24	N/A	0.266
12	140	4	0.03	1.65	0.12	N/A	0.374
15	143	4	0.01	2.36	0.15	N/A	0.261
16	144	4	0.02	1.89	0.20	N/A	0.326
22	150	8	0.03	3.03	0.31	N/A	0.203
23	151	8	0.03	3.44	0.29	N/A	0.179
24	152	8	0.02	2.03	0.47	N/A	0.304
25	153	8	0.04	3.83	0.18	N/A	0.161
26	154	8	0.03	2.90	0.32	N/A	0.213
31	159	8	0.05	3.47	0.29	N/A	0.178
32	160	8	0.02	1.97	0.39	N/A	0.313
33	161	8	0.03	3.83	0.29	N/A	0.161
34	162	8	0.02	2.72	0.26	N/A	0.227

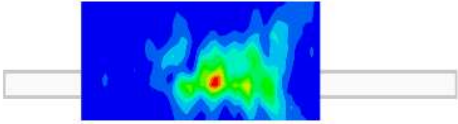
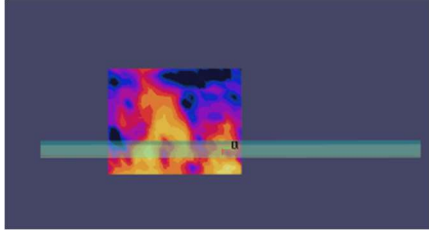
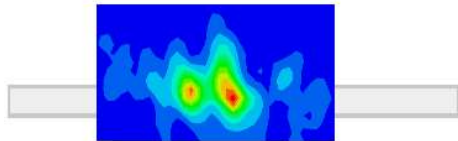
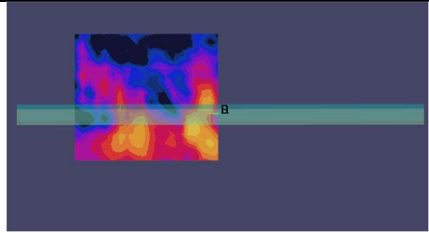
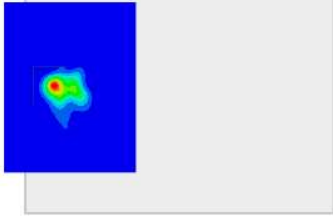
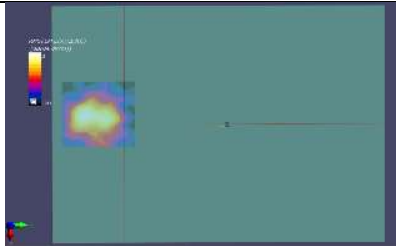
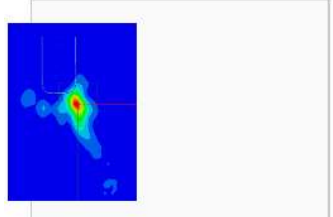
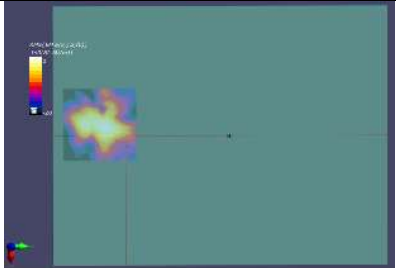
Module 1 – n260 – Closed Posture – Low Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.09	0.08	0.01	0.11	5.605
1		1	0.10	0.10	0.02	0.12	5.138
2		1	0.12	0.09	0.02	0.11	5.138
7		2	0.13	0.19	0.04	0.26	2.372
8		2	0.12	0.14	0.03	0.20	3.083
9		2	0.16	0.13	0.03	0.16	3.854
13		2	0.11	0.14	0.04	0.18	3.426
14		2	0.27	0.15	0.05	0.18	2.284
17		4	0.29	0.34	0.07	0.43	1.434
18		4	0.28	0.36	0.11	0.57	1.082
19		4	0.32	0.24	0.05	0.23	1.927
20		4	0.45	0.23	0.09	0.31	1.370
21		4	0.44	0.26	0.04	0.31	1.401
27		4	0.28	0.35	0.09	0.48	1.285
28		4	0.30	0.37	0.10	0.56	1.101
29		4	0.32	0.24	0.05	0.23	1.927
30		4	0.47	0.28	0.06	0.31	1.312
128		1	0.09	0.08	0.01	0.08	6.851
129		1	0.08	0.06	0.02	0.07	7.707
130		1	0.11	0.07	0.02	0.06	5.605
135		2	0.20	0.17	0.01	0.20	3.083
136		2	0.18	0.20	0.04	0.22	2.803
137		2	0.21	0.17	0.04	0.18	2.936
141		2	0.15	0.10	0.03	0.09	4.111
142		2	0.23	0.15	0.04	0.17	2.681
145		4	0.38	0.24	0.05	0.31	1.623
146		4	0.28	0.35	0.05	0.39	1.581
147		4	0.31	0.23	0.09	0.28	1.989
148		4	0.47	0.34	0.06	0.35	1.312
149		4	0.39	0.34	0.07	0.40	1.541
155		4	0.33	0.29	0.04	0.35	1.762
156		4	0.22	0.30	0.06	0.33	1.868
157		4	0.39	0.29	0.11	0.25	1.581
158		4	0.40	0.28	0.06	0.34	1.541
0	128	2	0.18	0.18	0.02	0.21	2.936
1	129	2	0.20	0.14	0.05	0.24	2.569
2	130	2	0.32	0.18	0.06	0.24	1.927
7	135	4	0.39	0.40	0.05	0.54	1.142
8	136	4	0.38	0.37	0.10	0.47	1.312
9	137	4	0.42	0.28	0.05	0.37	1.468
13	141	4	0.27	0.20	0.07	0.30	2.055
14	142	4	0.45	0.40	0.13	0.49	1.258
17	145	8	0.89	0.62	0.12	0.69	0.693
18	146	8	0.55	0.82	0.22	1.19	0.518
19	147	8	0.78	0.50	0.21	0.61	0.791
20	148	8	0.96	0.58	0.24	0.69	0.642
21	149	8	1.02	0.59	0.15	0.78	0.605
27	155	8	0.61	0.61	0.11	0.77	0.801
28	156	8	0.59	0.78	0.22	1.12	0.551
29	157	8	0.80	0.64	0.24	0.52	0.771
30	158	8	1.04	0.53	0.19	0.62	0.593

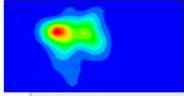
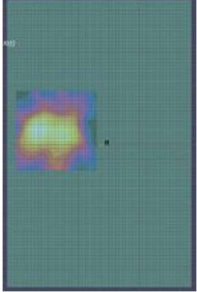
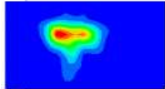
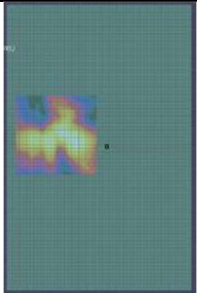
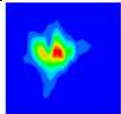
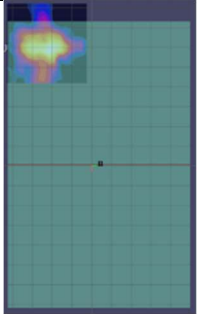
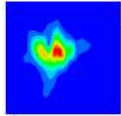
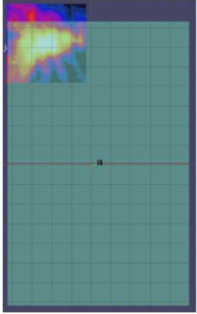
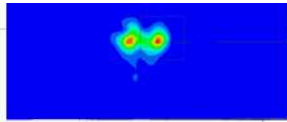
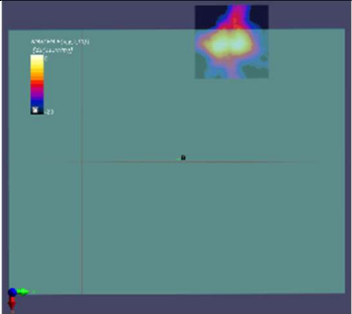
Module 1 – n260 – Closed Posture – Mid Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.11	0.07	0.01	0.11	5.605
1		1	0.12	0.08	0.02	0.11	5.138
2		1	0.16	0.10	0.02	0.15	3.854
7		2	0.16	0.15	0.05	0.20	3.083
8		2	0.21	0.12	0.02	0.20	2.936
9		2	0.24	0.12	0.03	0.14	2.569
13		2	0.19	0.12	0.04	0.19	3.245
14		2	0.32	0.12	0.06	0.19	1.927
17		4	0.26	0.32	0.06	0.36	1.713
18		4	0.39	0.38	0.09	0.52	1.186
19		4	0.46	0.20	0.06	0.25	1.340
20		4	0.50	0.23	0.10	0.24	1.233
21		4	0.50	0.31	0.05	0.34	1.233
27		4	0.34	0.34	0.08	0.39	1.581
28		4	0.41	0.41	0.09	0.58	1.063
29		4	0.47	0.20	0.06	0.25	1.312
30		4	0.53	0.27	0.10	0.28	1.163
128		1	0.14	0.07	0.01	0.08	4.404
129		1	0.10	0.05	0.01	0.06	6.166
130		1	0.13	0.05	0.02	0.08	4.743
135		2	0.30	0.16	0.01	0.14	2.055
136		2	0.23	0.15	0.02	0.20	2.681
137		2	0.26	0.13	0.03	0.14	2.372
141		2	0.17	0.09	0.03	0.12	3.627
142		2	0.25	0.11	0.04	0.11	2.466
145		4	0.49	0.22	0.06	0.49	1.258
146		4	0.40	0.30	0.05	0.45	1.370
147		4	0.43	0.22	0.11	0.35	1.434
148		4	0.52	0.26	0.04	0.47	1.186
149		4	0.48	0.26	0.05	0.38	1.285
155		4	0.43	0.22	0.05	0.28	1.434
156		4	0.32	0.25	0.09	0.40	1.541
157		4	0.54	0.30	0.09	0.27	1.142
158		4	0.48	0.24	0.04	0.43	1.285
0	128	2	0.28	0.19	0.04	0.24	2.202
1	129	2	0.20	0.15	0.05	0.21	2.936
2	130	2	0.35	0.19	0.06	0.27	1.762
7	135	4	0.52	0.41	0.07	0.35	1.186
8	136	4	0.55	0.30	0.07	0.41	1.121
9	137	4	0.53	0.26	0.06	0.37	1.163
13	141	4	0.35	0.25	0.06	0.34	1.762
14	142	4	0.64	0.30	0.15	0.42	0.963
17	145	8	0.91	0.64	0.16	0.64	0.678
18	146	8	0.88	0.72	0.12	0.97	0.636
19	147	8	1.02	0.46	0.29	0.73	0.605
20	148	8	0.97	0.52	0.24	0.58	0.636
21	149	8	1.17	0.53	0.12	0.60	0.527
27	155	8	1.08	0.64	0.13	0.71	0.571
28	156	8	0.83	0.75	0.18	1.13	0.546
29	157	8	1.00	0.60	0.30	0.71	0.617
30	158	8	1.12	0.56	0.23	0.54	0.551

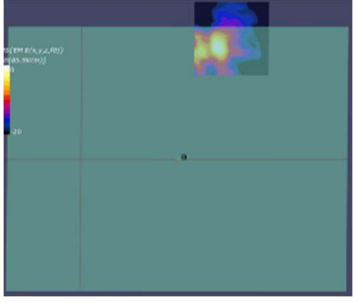
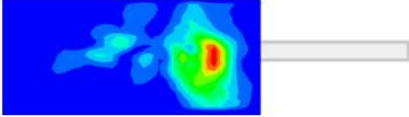
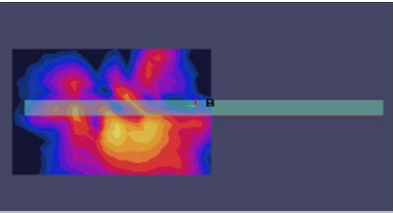
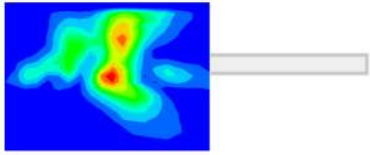
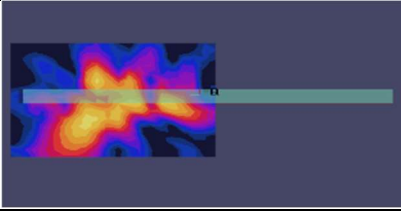
Module 1 – n260 – Closed Posture – High Channel							
Beam ID	Paired Beam ID	# o f Active Feeds	4cm ² PD (mW/cm ²) at 2mm				s(i) – Scaling Factor
			Front	Back	Left	Top	
0		1	0.13	0.08	0.01	0.12	4.743
1		1	0.12	0.07	0.04	0.08	5.138
2		1	0.12	0.10	0.03	0.12	5.138
7		2	0.18	0.11	0.05	0.22	2.803
8		2	0.27	0.12	0.02	0.24	2.284
9		2	0.20	0.14	0.03	0.17	3.083
13		2	0.16	0.13	0.03	0.20	3.083
14		2	0.26	0.17	0.09	0.20	2.372
17		4	0.32	0.27	0.05	0.35	1.762
18		4	0.31	0.29	0.07	0.44	1.401
19		4	0.46	0.30	0.11	0.39	1.340
20		4	0.52	0.30	0.10	0.56	1.101
21		4	0.41	0.30	0.11	0.32	1.504
27		4	0.31	0.27	0.06	0.38	1.623
28		4	0.42	0.28	0.04	0.47	1.312
29		4	0.48	0.30	0.11	0.40	1.285
30		4	0.47	0.23	0.10	0.43	1.312
128		1	0.16	0.07	0.01	0.12	3.854
129		1	0.15	0.07	0.01	0.09	4.111
130		1	0.13	0.07	0.02	0.08	4.743
135		2	0.31	0.15	0.01	0.20	1.989
136		2	0.24	0.14	0.02	0.20	2.569
137		2	0.29	0.16	0.03	0.24	2.126
141		2	0.22	0.15	0.02	0.18	2.803
142		2	0.28	0.12	0.03	0.10	2.202
145		4	0.53	0.27	0.05	0.40	1.163
146		4	0.47	0.26	0.05	0.40	1.312
147		4	0.44	0.26	0.06	0.40	1.401
148		4	0.54	0.25	0.04	0.56	1.101
149		4	0.53	0.25	0.05	0.49	1.163
155		4	0.54	0.29	0.04	0.59	1.045
156		4	0.38	0.27	0.03	0.36	1.623
157		4	0.42	0.26	0.06	0.37	1.468
158		4	0.54	0.26	0.02	0.57	1.082
0	128	2	0.32	0.20	0.02	0.36	1.713
1	129	2	0.29	0.19	0.04	0.28	2.126
2	130	2	0.30	0.18	0.03	0.25	2.055
7	135	4	0.50	0.34	0.04	0.45	1.233
8	136	4	0.67	0.38	0.05	0.53	0.920
9	137	4	0.55	0.34	0.04	0.52	1.121
13	141	4	0.32	0.32	0.05	0.36	1.713
14	142	4	0.63	0.34	0.07	0.45	0.979
17	145	8	0.97	0.75	0.10	1.03	0.599
18	146	8	0.92	0.62	0.09	0.79	0.670
19	147	8	0.91	0.58	0.11	0.88	0.678
20	148	8	1.16	0.56	0.08	0.58	0.532
21	149	8	1.13	0.54	0.10	0.62	0.546
27	155	8	1.13	0.70	0.10	0.93	0.546
28	156	8	0.84	0.55	0.07	0.94	0.656
29	157	8	0.90	0.65	0.12	0.73	0.685
30	158	8	1.04	0.50	0.09	1.07	0.576

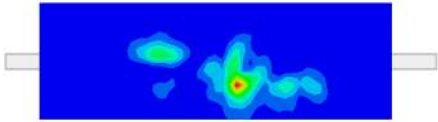
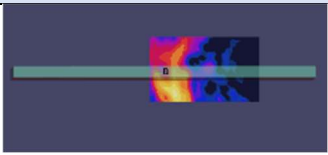
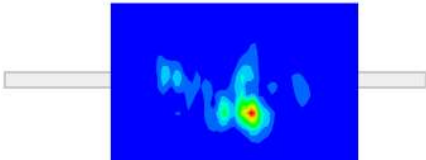
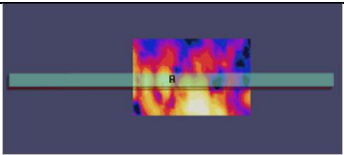
Appendix A: PD Simulation vs. Measurement Distributions for Worst-Case Surfaces

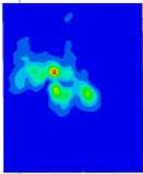
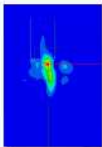
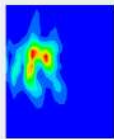
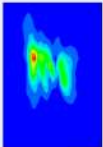
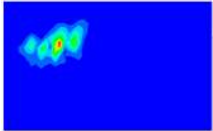
Simulation and Measurement PD Distribution Plots for Selected Beams and Surfaces

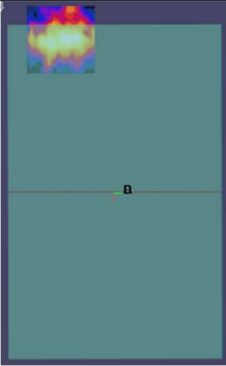
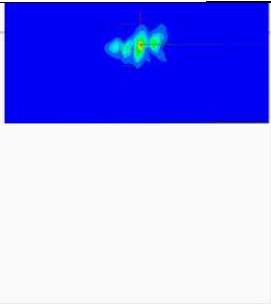
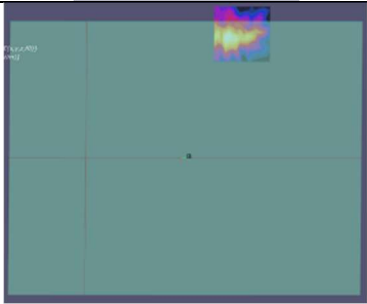
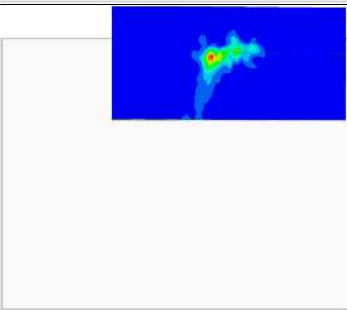
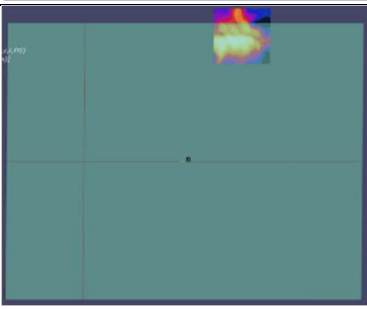
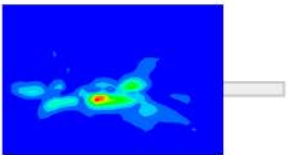
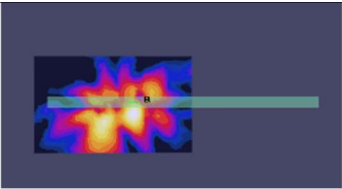
Band	Posture	Module	Surface	Beam ID	Simulated PD Distribution	Measured PD Distribution
261	Flip	0 Rear-Facing	Right	19		
261	Flip	0 Rear-Facing	Right	156		
261	Flat	0 Rear-Facing	Back	28		
261	Flat	0 Rear-Facing	Back	148		

261	Closed	0 Rear-Facing	Back	28		
261	Closed	0 Rear-Facing	Back	147		
261	Flip	1 Front-Facing	Front	16		
261	Flip	1 Front-Facing	Front	154		
261	Flat	1 Front-Facing	Front	15		

261	Flat	1 Front-Facing	Front	132		
261	Closed	1 Front-Facing	Top	23		
261	Closed	1 Front-Facing	Top	145		

Band	Posture	Module	Surface	Beam ID	Simulated PD Distribution	Measured PD Distribution
260	Flip	0 Rear-Facing	Right	33		
260	Flip	0 Rear-Facing	Right	160		

260	Flat	0 Rear-Facing	Back	33		
260	Flat	0 Rear-Facing	Back	159		
260	Closed	0 Rear-Facing	Back	33		
260	Closed	0 Rear-Facing	Back	161		
260	Flip	1 Front-Facing	Front	18		

260	Flip	1 Front-Facing	Front	147		
260	Flat	1 Front-Facing	Front	27		
260	Flat	1 Front-Facing	Front	147		
260	Closed	1 Front-Facing	Top	28		
260	Closed	1 Front-Facing	Top	145	