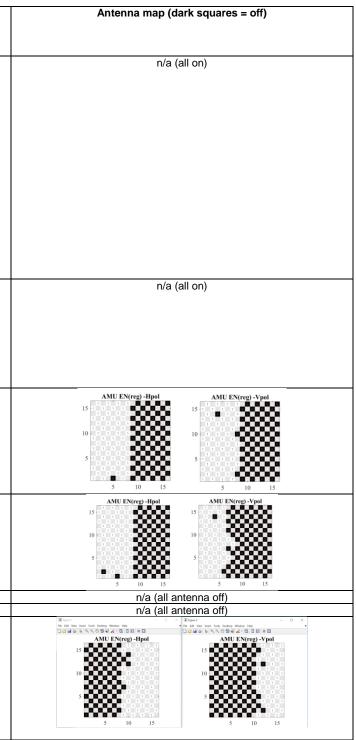
Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
1	1	n/a	191.95 (between) 78.51 (behind)	n/a	Field Strength for 1m source to client	Between Source and Client: H: 188.9 V/m V: 195.4 V/m Average: 191.95 V/m Behind Client: H: 84.86 V/m V: 72.15 V/m Average: 78.51 V/m		256
2	0.75m	n/a	199.75 (between) 67.75 (behind)	n/a	Field Strength for .75 m source to client	Between Source and Client: H: 196.9 V/m V: 202.6 V/m Average: 199.75 V/m Behind Client: H: 66.88V/m V: 68.61V/m Average: 67.75 V/m	Extense     Image: Source in the second	256
3	0.5m	n/a	303.2 (between) 50.46 (behind)	n/a	Field Strength for .5 m source to client	Between Source and Client: H: 299.1 V/m V: 307.3 V/m Average: 303.2 V/m Behind Client: H: 52.73 V/m V: 48.19 V/m Average:50.46 V/m	Odd     Dodd	256

Antenna elements (Horiz./Vert.) ON (out of 256 Total)	Antenna map (dark squares = off)
256	n/a (All on)
256	n/a (All on)
256	n/a (All on)

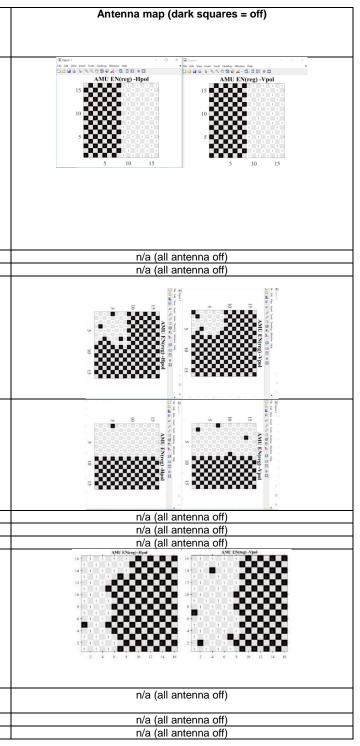
Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)	Antenna r
4	1	n/a	158.95	n/a	Source 45°/ Client 0° Source $\theta = 45^{\circ}$ $d = 1 \text{ m}$ $\alpha = 0^{\circ}$	Between Source and Client: H: 165.6 V/m V: 152.3 V/m Average: 158.95 V/m Field closest to source: 177.4 V/m		256	
5	1	n/a	169.1	n/a	Source 0°/ Client 45° Source 0°/ Client $d = 1 \text{ m}$ $\alpha = 45^{\circ}$	Between Source and Client: H: 195.4 V/m V: 142.8 V/m Average: 169.1 V/m	SOLINCE         0 dB = 155.4 V/m = 45.82 dBV/m	256	
6	1	n/a	154.85	n/a	Source $45^{\circ}$ / Client $45^{\circ}$ Source $\alpha = -45^{\circ}$ $\vartheta = 45^{\circ}$ $d = 1 \text{ m}$	Between Source and Client: H: 168.4 V/m V: 141.3 V/m Average: 154.85 V/m Field closest to source: 161.1 V/m		256	

lements (Horiz./Vert.) ut of 256 Total)	Antenna map (dark squares = off)
256	n/a (all on)
256	n/a (all on)
256	n/a (all on)

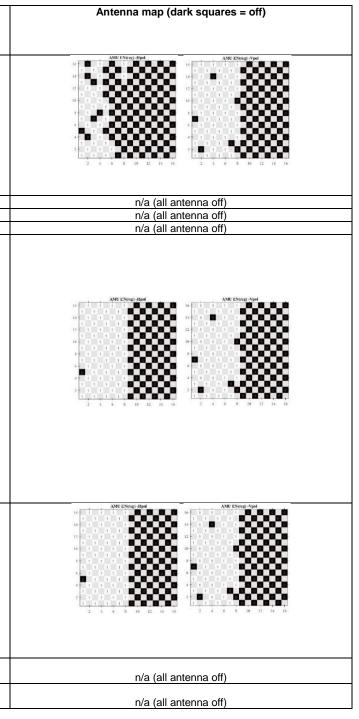
Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
7	1	n/a	143	n/a	Source 45°/ Client -45° Source Client $\alpha = 45^{\circ}$	Between Source and Client: H: 163.2 V/m V: 122.8 V/m Average: 143 V/m Field closest to source: 160.3 V/m		256
8	1	n/a	212.1	n/a		Between Source and Client: 212.1 V/m		256
n/a	1	n/a	Horizontal Plane: 119.2	n/a	d = 1m 60 cm 60 cm	Between Source and Client: H: 119.2 V/m	0 dB = 110 2 V/m + 41.52 dBV/m	63 (H) + 61 (V) = 124 (48% ON)
			Vertical Plane: 91.82		d = 1 m Metallic obtruction of 8.25 cm by 25.4 cm stepped awy from borsight in Gem increments	V: 91.82 V/m Average: 105.51 V/m	0 db = 91.82 V/m = 39.26 dBV/m	62 (H) + 49 (V) = 111 (43% ON)
9	1	0	0	n/a		n/a	n/a	0
10	1	7.5	0	n/a		n/a	n/a	0
11	1	15	86.93	n/a		Between Source and Client: H: 86.93 V/m	CECCCI CECCI CECCCI CECCCI CE	60 (H) + 43 (V) = 103 (40% ON)



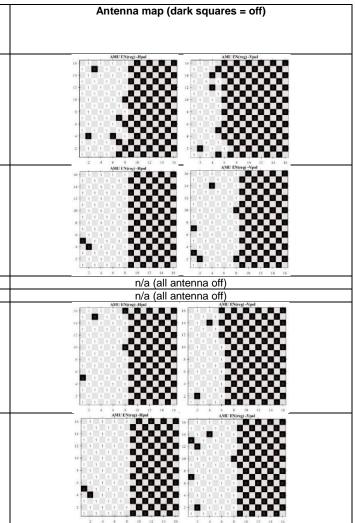
Test Scenario	Source/ Client Dist.	Phant om Offset	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
12	<u>(m)</u> 1	(cm) 22.5	112.3	n/a	Field Strength Vertical Phantom 1 m	Between Source and Client: H: 112.3 V/m	CLEAR CLEAR	64 (H) + 64 (V) = 128 (50% ON)
13	1	0	0	n/a		n/a	n/a	0
14	1	7.5	0	n/a		n/a	n/a	0
15	1	15	59.83	n/a	Field Strength Transverse Phantom	Between Source and Client: H: 59.83 V/m		26 (H) + 19 (V) = 45 (18% ON)
16	1	22.5	94.75	n/a	Clen	Between Source and Client: H: 94.75 V/m		63 (H) + 61 (V) = 124 (48% ON)
							0 dB = 94.75 V/m = 39.53 dBV/m	
17	1	0	0	n/a	Field Strength Longitudinal Phantom, Horizontal	n/a	n/a	0
18	1	7.5	0	n/a	Plane	n/a	n/a	0
<u>19</u> 20	1	<u>15</u> 22.5	0 88.00	n/a n/a	Pane measured Client	n/a Between Source and Client: H: 88.00 V/m	n/a	0 43 (H) + 57 (V) = 100 (39.1% ON)
21	1	0	0	n/a	Field Strength, Longitudinal Orientation, Vertical Plane	n/a	n/a	0
	4	75	0	n/-	Plane	n/-		
22 23	1	7.5 15	0	n/a n/a		n/a n/a	n/a n/a	0 0
23		10	U	n/a		11/a	ıı//a	U



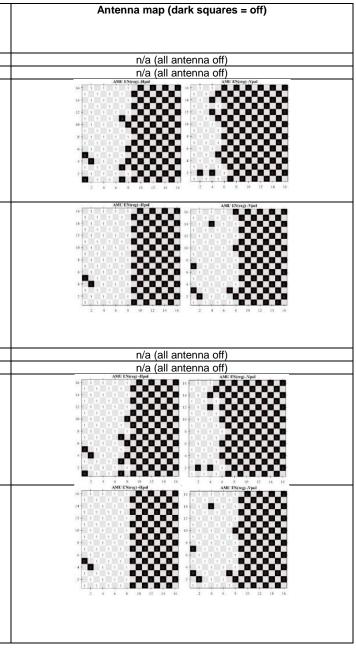
Test Scenario	Source/ Client	Phant om	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
Scenario	Dist. (m)	Offset (cm)				(nonzontal/ventical)		
24	1	22.5	99.57	n/a	Source Plane measured Client	Between Source and Client: H: 99.57 V/m	CCURT COUNCE SOURCE 0 dB = 99.57 V/m = 39.96 dBV/m	32 (H) + 58 (V) = 90 (35.2% ON)
25	1	0	0	n/a	Field Strength Adjacent to Vertical Phantom (1m)	n/a	n/a	0
26	1	7.5	0	n/a		n/a	n/a	0
27 28	1	15	0	n/a n/a		n/a 73.20 V/m		0
28	1	22.5	73.20	n/a	SOURCE Vertical Phantom TOP VIEW	2cm from border of Phantom at 3.82º from boresight.	-16  cm $-5  cm$ $-3  cm$ $-2  cm$ $-2$	63 (H) + 58 (V) = 121 (47.3% ON)
29	1	22.5	n/a	.468	Single Point SAR (1m)	.468 W/kg	-16cm	63 (H) + 58 (V) = 121
					SOURCE Vertical Phantom TOP VIEW	2cm from border of Phantom at 34.38° from boresight.	$\frac{-5cm}{-4cm} + \frac{-3cm}{-3cm} + \frac{-3cm}{-2cm} + \frac{-15cm}{1cm} + \frac{-15cm}{1cm} + \frac{-15cm}{3cm} + \frac{-15cm}{3cm} + \frac{-360^{\circ}}{3cm} + \frac{-360^{\circ}}{3$	(47.3% ON)
30	.75	0	0	n/a		n/a	n/a	0
31	.75	7.5	0	n/a	Field Strength, Vertical Phantom (75cm)	n/a	n/a	0



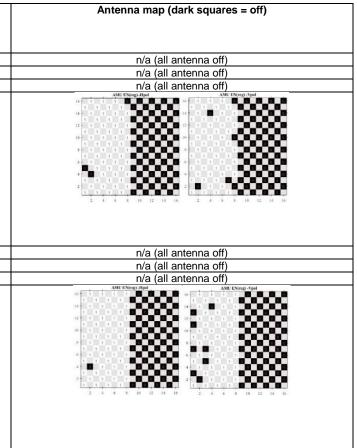
Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
32	.75	15	111.9	n/a	Source Plane measured	H: 111.9 V/m	CLIENT 4.69	55 (H) + 35 (V) = 90 (35.2% ON)
33	.75	22.5	130.2	n/a	Client	H: 130.2 V/m	CLEAT 4.50 4.50 6.50 CLEAT 0 dE = 130.2 V/m = 42.29 dEV/m	62 (H) + 58 (V) = 120 (46.9% ON)
34	.75	0	0	n/a	Field Strength, Transverse Orientation 75 cm	n/a	n/a	0
35	.75	7.5	0	n/a		n/a	n/a	0
36	.75	15	94.26	n/a	Source Plane measured	H: 94.26 V/m		60 (H) + 43 (V) = 103 (40.2% ON)
37	.75	22.5	127.5	n/a	Cher	H: 127.5 V/m	CUENT CUENT Cuent	62 (H) + 58 (V) = 124 (46.9% ON)



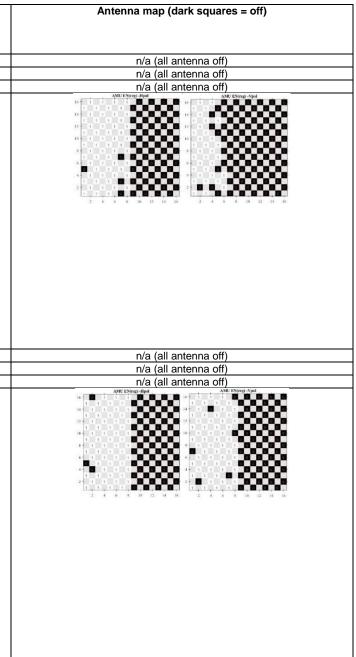
Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
38	.75	0	0	n/a	Field Strength Adjacent to Vertical Phantom (75cm)	n/a	n/a	0
39	.75	7.5	0	n/a		n/a	n/a	0
40	.75	15	79.8	n/a		79.80 V/m		55 (H) + 34 (V) = 89
						2cm from border of Phantom at 3.82º from boresight.	-16cm -5cm -4cm -3cm -2cm -1cm 0cm θ -1	(34.8% ON)
41	.75	22.5	74.4	n/a	SOURCE Vertical Phantom	74.4 V/m 2cm from border of Phantom at 3.82º from boresight.	$\frac{1}{2} \operatorname{cm}^{\circ} \theta = 1 \operatorname{cm}^{\ast} 360^{\circ} / 30\pi \operatorname{cm}^{\circ} \theta = 3.82^{\circ}$ $\frac{4}{2} \operatorname{cm}^{\circ} \theta = 3.82^{\circ}$ $\frac{5}{2} \operatorname{cm}^{\circ} \theta = 1 \operatorname{cm}^{\circ} $	62 (H) + 56 (V) = 118 (47.7% ON)
					TOP VIEW			
42	.75	0	n/a	0	Single Point SAR (75cm)	n/a	n/a	0
43	.75	7.5	n/a	0		n/a	n/a	0
44	.75	15	n/a	0.277	DASYS	0.277 W/kg 2cm from border of Phantom at -3.82° from boresight.	-16cm -3cm -3cm -3cm -1cm θ = 15cm	63 (H) + 60 (V) = 123 (48% ON)
45	.75	22.5	n/a	0.315	SOURCE Vertical Phantom TOP VIEW	0.315 W/kg 2cm from border of Phantom at -3.82º from boresight.	$1 \text{ cm} = 0$ $2 \text{ cm} = 0$ $3 \text{ cm} = 0$ $4 \text{ cm} = 3.82^{\circ}$ $5 \text{ cm} = 0$ $6 \text{ cm} = 0$ $20 \text{ cm} = 0$	62 (H) + 57 (V) = 119 (46.5% ON)



Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
46	.50	0	0	n/a	Field Strength, Vertical Orientation (50cm)	n/a	n/a	0
47	.50	7.5	0	n/a		n/a	n/a	0
48	.50	15	0	n/a		n/a	n/a	0
49	.50	22.5	169.6	n/a	Source Plane measured Client	H: 169.6 V/m	CLIENT CLIENT 2.80 4.00 5.00 CLIENT 0 dB = 169.6 V/m = 44.59 dBV/m	61 (H) + 58 (V) = 119 (46.5% ON)
50	.50	0	0	n/a	Field Strength, Transverse Orientation (50cm)	n/a	n/a	0
51	.50	7.5	0	n/a		n/a	n/a	0
52	.50	15	0	n/a		n/a	n/a	n/a
53	.50	22.5	175.2	n/a	Source Plane measured	H: 175.2 V/m	CLIENT 4.00 4.00 5OURCE 0 dB = 175.2 V/m = 44.87 dBV/m	63 (H) + 56 (V) = 119 (46.5% ON)



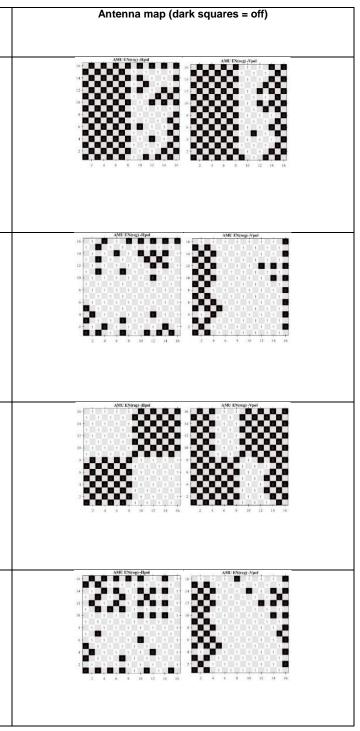
Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
54	.50	0	0	n/a	Field Strength Adjacent to Vertical Phantom (50cm)	n/a	n/a	0
55	.50	7.5	0	n/a		n/a	n/a	0
56	.50	15	0	n/a		n/a	n/a	0 0
57	.50	22.5	127.7	174		127.70 V/m		60 (H) + 34 (V) = 94
					SOURCE Vertical Phantom TOP VIEW	2cm from border of Phantom at -3.82° from boresight.	$-16 \text{ m}$ $-5 \text{ m}$ $-4 \text{ m}$ $-3 \text{ cm}$ $-2 \text{ cm}$ $-1 \text{ cm}$ $1 \text{ m}$ $2 \text{ cm}$ $\theta = 1 \text{ cm} * 360^{\circ} / 30 \pi \text{ cm}$ $3 \text{ cm}$ $\theta = 3.82^{\circ}$ $5 \text{ cm}$ $6 \text{ cm}$ $20 \text{ cm}$	(36.7% ON)
58	.50	0	n/a	0	Single Point SAR (50cm)	n/a	n/a	0
59	.50	7.5	n/a	0	- 3 ( )	n/a	n/a	0
60	.50	15	n/a	0		n/a	n/a	0
61	.50	22.5	n/a	0.575	ABARE SOURCE Vertical Phantom TOP VIEW	0.575 W/Kg 2cm from border of Phantom at 7.64º from boresight.	-16cm + -5cm + -4cm - -3cm - -1cm $\theta = 1$ 2cm $\theta = 1$ cm * 360° / 30 $\pi$ cm - 3cm $\theta = 3.82^{\circ}$ 5cm - 6cm + 20cm + 200 + 2	61 (H) + 58 (V) = 119 (46.5% ON)



Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)	Antenna r
62	1	0	191.3	n/a	Field strength behind the power client	H 191.3 V/m	CLEAT CLEAT Dig to the state of	256	
63	1	0	70.86	n/a	Field strength adjacent to power client	70.86 V/m 2cm from border of Phantom at 38.2º from boresight.	-16cm -5cm -4cm -3cm -2cm -1cm r=15cm $0cm \theta = 1cm * 360° / 30\pi cm$ $3cm \theta = 3.82°$ $4cm \theta = 3.82°$ 5cm 6cm	256	
64	1	0	n/a	.356	Source TOP VIEW CLIENT PHANTOM	.356 W/kg 2cm from border of Phantom at 26.7º from boresight.	$-16cm$ $-3cm$ $-3cm$ $-3cm$ $-2cm$ $-1cm$ $r=15cm$ $0cm$ $\theta = 1cm * 360° / 30\pi cm$ $3cm$ $\theta = 3.82°$ $4cm$ $\theta = 3.82°$ $5cm$ $6cm$ $20cm$	256	

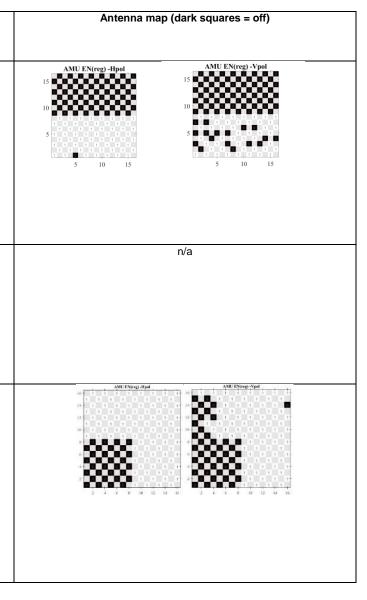
enna elements (Horiz./Vert.) ON (out of 256 Total)	Antenna map (dark squares = off)
256	n/a (all on)
256	n/a (all on)
256	n/a (all on)

Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
65	50	7.5	150.8	n/a	Field Strength (Water/Water), 7.5cm phantom spacing (50 cm client distance)	H:150.8V/m	90000CC	36 (H) + 35 (V) = 119 (27.7% ON)
66	50	15	236.9	n/a	Field Strength, (Water/Water), 15cm spacing (50 cm client distance)	H: 236.9V/m		96 (H) + 89 (V) = 185 (72.3% ON)
67	50	22.5	180.0	n/a	Field Strength, (Water/Water), 22.5cm spacing (50 cm client distance)	H: 180 V/m	Store         Res         Res </td <td>64 (H) + 33 (V) = 160 (37.9% ON)</td>	64 (H) + 33 (V) = 160 (37.9% ON)
68	50	15	223.7	n/a	Field Strength, (Water/SAR Fluid, SAR Fluid Closest to Robot), 15cm spacing (50 cm client distance)	H: 223.7 V/m	State         State <th< td=""><td>88 (H) + 84 (V) = 172 (67.2% ON)</td></th<>	88 (H) + 84 (V) = 172 (67.2% ON)



Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)	Antenna map (dark squares = off)
69	50	15	218.2	n/a	Field Strength, (Water/SAR Fluid, Water Closest to Robot), 15cm spacing (50 cm client distance)	218.2 V/m	Valuer Flied Phantom, Robot Side	79 (H) + 83 (V) = 162 (63.3% ON)	AMIL FN(reg)-flipd         AMIL FN(reg)-flipd           14         1
70	50	15	n/a	0.529	Single-point SAR, (Water/SAR Fluid, Water Closest to Robot), 15cm spacing (50 cm client distance)	0.529 W/kg 2cm from border of Phantom -11.46 º from boresight.	-16cm + -5cm - -3cm - -3cm - -2cm - -2cm - 1cm $\theta = 1$ cm * 360° / 30 $\pi$ cm 3 3cm $\theta = 3.82^{\circ}$ 5cm - 6cm - 20cm -	79 (H) + 83 (V) = 162 (63.3% ON)	AMUL FNrug3. Rpd         AMUL FNrug3. Rpd           14         1         <
71	50	17.5	109.4	n/a	Field Strength, (Water/SAR Fluid, Water Closest to Robot), 17.5cm spacing (1 m client distance)	109.4 V/m		36 (H) + 57 (V) = 93 (36.3% ON)	
72	50	17.5	n/a	0.346	Single point SAR, (Water/SAR Fluid, Water Closest to Robot), 17.5cm spacing (1 m client distance)	0.346 W/kg 42.02 <sup>o</sup> from boresight.	$-16cm + \frac{1}{3}cm + \frac{1}{3}c$	36 (H) + 57 (V) = 93 (36.3% ON)	

Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
73	.5	22.5		0.479 (single- point)	PHANTOM PHANTOM 20cm 22.5cm offset 50cm CLIENT	n/a	n/a	96 (H) + 83 (V) = 179 (69.9% ON)
	1m	0		1.005 (single- point)	SOURCE 1m CLIENT CLIENT PHANTOM TOP VIEW	n/a	n/a	n/a
74	.50	22.5	n/a	0.275 (1g corrected) 0.005 (WB corrected)	1g-average SAR and whole-body average SAR for the worst case scenario		0 dB = 0.227 W/kg = -6.44 dBW/kg	96 (H) + 83 (V) = 179 (69.9% ON)



Test Scenario	Source/ Client Dist. (m)	Phant om Offset (cm)	Max V/m	Max W/kg	Test Setup	Max. (Horizontal/Vertical)	Field Scans	# Antenna elements (Horiz./Vert.) ON (out of 256 Total)
75	.9	0	n/a	1.426 (1g corrected) 0.0591 (WB corrected)	Phantom behind power client	n/a	d d d d d d d d d d d d d d	n/a (all on)

Antenna map	(dark squares = off)
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n/a	1
iva iva	
	1
	1