

Worst case SAR in each test configuration

1. Face held configuration (liquid depth: 15.1 cm)

Mode	Liquid	Ch	Freq [MHz]	Liquid Temp [°C]	Conducted Power [dBm]		Worst case SAR, averaged over 1g [mW/g]				
					Before	After	Set-up condition		Measured	Corrected*	Limit
							Antenna	Sep. dist.			
CW	Head 450MHz	11	462.5500	21.7	33.6	32.3	Fixed	25 mm	0.799	1.078	8
* Due to the power loss over the testing duration, the final SAR value has been scale up to compensated for $0.799 \times 10^{((33.6-32.3)/10)} = 1.078$											

2. Body worn configuration (liquid depth: 15.2 cm)

Mode	Liquid	Ch	Freq [MHz]	Liquid Temp [°C]	Conducted Power [dBm]		Worst case SAR, averaged over 1g [mW/g]				
					Before	After	Set-up condition		Measured	Corrected*	Limit
							Antenna	Phantom Sep. dist.			
CW	Muscle 450MHz	11	462.5500	21.1	33.6	32.3	Fixed	2 mm	1.55	2.09	8
* Due to the power loss over the testing duration, the final SAR value has been scale up to compensated for $1.55 \times 10^{((33.6-32.3)/10)} = 2.09$											

Measurement Results

Face held configuration (liquid depth: 15.1 cm)

Mode	Liquid	Ch	Freq [MHz]	Liquid Temp [°C]	Conducted Power [dBm]		Worst case SAR, averaged over 1g [mW/g]			
					Before	After	Set-up condition		Measured	Limit
							Antenna	Sep. dist. (mm)		
CW	Head 450MHz	11	462.5500	21.7	33.6	32.3	Fixed	25	0.799	8
CW	Head 450MHz	15	462.7250	21.8	33.2	32.1	Fixed	25	0.777	8

Body worn configuration (liquid depth: 15.2 cm)

Mode	Liquid	Ch	Freq [MHz]	Liquid Temp [°C]	Conducted Power [dBm]		Worst case SAR, averaged over 1g [mW/g]			
					Before	After	Set-up condition		Measured	Limit
							Antenna	Phantom Sep. dist. (mm)		
CW	Muscle 450MHz	11	462.5500	21.1	33.6	32.3	Fixed	2	1.55	8
CW	Muscle 450MHz	15	462.7250	21.0	33.2	32.1	Fixed	2	1.50	8