

## SAR Compliance Test Report

<b>Date of Report</b>	13/03/2020	<b>Client's Contact person:</b>	Nikoletta Juhasz
<b>Number of pages:</b>	36	<b>Responsible Test engineer:</b>	Kirsi Kyllönen
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<b>Tested device</b>	<b>Spaceharmony-system EMF resistance phone pouch</b>		
<b>Related reports:</b>	-		
<b>Testing has been carried out in accordance with:</b>	<b>ICNIRP (1998)</b> Guidelines for Limiting Exposure to Time-Varying Electric, Magnetic, and electromagnetic Fields (up to 300 GHz) <b>BS EN 62209-1 (2016)</b> Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz) <b>IEC 62209-2 (2010), EN 62209-2 (2010)</b> Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)		
<b>Documentation:</b>	The test report must always be reproduced in full; reproduction of an excerpt only is subject to written approval of the testing laboratory		
<b>Test Results:</b>	The test results relate only to devices specified in this document		
<b>Date and signatures:</b>	13.03.2020		

Laboratory Manager

## 6.2 SAR Results for Body Exposure Condition, 5mm separation distance

### Phone only:

Band	Channel	Frequency	Modulation / BW [MHz]	RB Size	RB Offset	Power Drift [dB]	Test Position	Duty Cycle	Measured SAR <sub>10g</sub> [mW/g]	Plot #
LTE 3	19575	1747.5	QPSK/ 20	1	0	-0.25	Back	1:1	0.711	8
LTE 20	24300	847	QPSK/ 20	1	0	-0.24	Back	1:1	0.303	9

### Phone inside the EMF resistance phone pouch flap closed:

Band	Channel	Frequency	Modulation / BW [MHz]	RB Size	RB Offset	Power Drift [dB]	Test Position	Duty Cycle	Measured Percentage decrease (mW)	Plot #
LTE 3	19575	1747.5	QPSK/ 20	1	0	0.51	Back	1:1	0.0013	10
LTE 20	24300	847	QPSK/ 20	1	0	-0.90	Back	1:1	0.0027	11

## 6.3 Result comparison

Band	Channel	Frequency	Test Position	Phone only	Phone inside the EMF resistance phone pouch flap closed	Decrease in SAR result %
LTE 3	19575	1747.5	Right cheek	0.124	0.017	86.3
LTE 3	19575	1747.5	Right Tilted	0.072	0.011	84.7
LTE 3	19575	1747.5	Left cheek	0.089	0.025	71.9
LTE 3	19575	1747.5	Left Tilted	0.046	0.018	60.9
LTE 3	19575	1747.5	Back	0.711	0.0013	99.8