## Annex L. Verifying the Mechanism Operation of Gravity-sensor

The power verified by LCD angle changed are shown as below.

Report No.: SFACHI-WTW-P21070078 R1

Cancels and replaces the report no.: SFACHI-WTW-P21070078 dated on Aug. 12, 2021

<Power Reduction by LCD Angle Changed and Verifying Power Level of DSI on Setp A ~ G> (A) From lid closed when LCD is 0° which DSI = 0, opening the screen side in 10° each step until DSI = 2 is 190 195 200 205 210 22.5 22.5 22.6 15.5 15.3 the power changed in 1<sup>0</sup> at each step. - 198 199 200 201 202 22.8 22.7 22.8 15.5 15.7 en side in 10° each step until fully open when LCD angle <D>Th The Power level changed by LCD Triggering Angle is 200<sup>o</sup> .. 180 190 200 210 220 -22.7 22.7 22.9 15.4 15.3 .. 340 350 360 15.8 15.7 15.7 <A> From lid closed when LCD is  $0^{\circ}$  which DSI = 0, opening the screen side in  $10^{\circ}$  each step until DSI = 2 is obtain Summary - 160 170 180 190 200 210 23.8 23.8 23.4 23.2 23.1 15.5 the power changed in 1° at each step. ... 198 199 200 201 202 22.9 22.8 22.9 15.5 15.5 o opening the screen side in 10<sup>0</sup> each step until fully open wh The Power level changed by LCD Triggering Angle is open when LCD is 360° which DSI = 2, c 
 190
 195
 200
 205
 210

 23.7
 23.9
 23.9
 12.7
 12.5
 p opening the screen side in 10<sup>0</sup> each step until fully open when LCD angle The Power level changed by LCD Triggering Angle is 200° ----- 180 190 200 210 220 --23.5 23.5 23.7 12.8 12.8 200 190 180 170 160 23.6 23.6 23.7 23.8 23.8 open when LCD is 360° which DSI = 2, closing the screen side in 5° each step until fully c 
 360
 355
 350
 345
 340
 335
 330
 325
 320
 315
 310

 12.5
 12.7
 12.7
 12.5
 12.6
 12.6
 12.6
 12.7
 12.8
 12.8
 12.7
 . 10 5 0 23.9 23.7 23.7 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.7 | 12.6 | 
 202
 201
 200
 199
 198
 199
 198

 12.7
 12.7
 23.7
 23.6
 23.8
 23.8
 24.0

The Power level	Degrees	0	10	20		40	50													180					 	 	 	 				350	
changed by LCD	Power (dBm				16.7															16.9	16.9	17.0	11.9	11.8							11.6	11.6	11.7
	<e> From fu</e>														SI = 0 i	s obtai	ned.																
200°	Degrees				330														190		170				 	 		 					
	Power (dBm				11.6													17.1	17.0	17.0	16.8	16.7											
	<f> From fu</f>	lly oper	when	LCD is	360° w	hich D	SI = 1,	closing	the so	creen s	ide in 5	o each	step u	ıntil full	ly close	ed.																	
	Degrees	360	355	350	345	340	335	330	325	320	315	310			205	200	195								 	 	 	 			10	5	0
	Power (dBm	11.7	11.7	11.7	11.8	11.8	11.9	11.7	11.7	11.6	11.6	11.7			11.7	17.0	16.9													$\neg$	16.6	16.8	16.8
	<g> Closino</g>	the scr	een sic	le in 1º	each s	tep un	til DSI :	= 1 is o	btaine	d and k	een cl	osina u	ntil full	v close	ed.																		
	Degrees			358						352					202	201	200	199	198	199	198				 	 	 	 5	4	3	2	1	0
	Power (dBm	11.8	11.9	11.9	11.8	11.7	11.7	11.8	11.9	11.9	11.8	11.7			12.4	12.2	16.9	17.0	16.9	16.9	16.8							16.7	16.8	16.9	16.8	16.9	16.9
											T	est B	and	: 802	11a	Ant '	2 for	WI A	N 5.3	G Re	nres	enta	tive										
					-0			_										11.5		010	pico	onta											
Summary	<a> From It</a>		when 10			40	= 0, op	ening t	the scr	een sid	e in 10	each	step ui	ntii DSI	= 1 is (	obtaine	ed.	400	170	400	400	200	240							_	_		
		0		20																	190		210		 	 	 	 				·····	
	Power (dBm				14.8													14.6	14.6	14.8	14.9	15.0	7.3							_			_
The Power level changed by LCD Triggering Angle is 200°	<b>Close the screen side in \$^{0}\$ each step from Step A, until DSI = 0 is reobtained. 190 195 200 205 210</b>																																
	Degrees																								 	 	 	 					
	Power (dBm											14.7	14.9	14.9	7.2	7.2																	
	<c> Verfyin</c>	the po	wer ch	anged	in 1° at	each	step.																							_	_		
	Degrees											198													 	 	 	 					
	Power (dBm													14.9	7.2	7.1																	
	<d>Then Ke</d>		ning the																											_			
	Degrees	0	10	20	30	40														180		200			 	 	 	 				350	
	Power (dBm			15.0		15.0	15.3													15.2	15.1	15.0	7.3	7.2						_	7.1	7.2	7.2
	<e> From fu</e>																																_
	Degrees				330														190		170				 	 	 	 		<u></u>			
	Power (dBm	7.2		7.1		7.1	7.2											14.9	14.7	14.7	14.8	14.8											
	<f> From fu</f>																													_			
	Degrees				345			330		320							195								 	 	 	 			10		
	Power (dBm	7.3				7.2	7.1	7.3	7.1	7.1	7.2	7.1			7.4	15.0	14.8														15.1	15.0	15.1
	<g> Closing</g>																													_			
	Degrees			358						352							200								 	 	 	 5	4	3	2	1	0
	Power (dBm	7.0	7.1	7.0	7.1	6.9	7.1	7.2	7.2	7.1	7.1	7.0			7.2	7.1	15.1	15.2	15.1	15.0	15.1							15.0	15.0	15.2	15.2	15.3	15.1

190 195 200 205 210 16.8 16.8 16.9 11.9 12.0

· 198 199 200 201 202 16.9 16.9 16.9 12.0 12.0

A> From lid closed when LCD is 0° which DSI = 0, opening the screen side in 10° each step until DSI = 1 is obtained

<C> Verfying the power changed in 1<sup>o</sup> at each step.