

Appendix N. Gravity-Sensor Test Result

Test Result of Gravity-Sensor are shown as below.

1.Hall Effect and Gravity-Sensor(Triggering Test WLAN2.4G 802.11b Ch1 Ant1)

Orientation 1	<A> From close mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
High Power Mode	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	18.37	8.71	9.05	8.7	9	18.36	18.33	18.4	18.31	18.37	18.45	18.35	18.61	18.43	18.65	18.66	18.6	18.44	18.36	18.42	18.35	8.98	8.96	8.66	9.03	8.72	8.92	9.17	8.68	8.85	8.93	8.91	9.17	8.72	8.78	9.1	8.93			
Range of trigger angle	 Move back by 5 degree, until close mode is reobtained.																																								
210	Degree	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	.....	200	205	210	215	220	.....	305	310	315	320	325	330	335	340	345	350	355	360	
	Power																					18.35	18.41	8.98	8.99	8.96															
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	.....	205	206	207	208	209	210	211	212	.....	349	350	351	352	353	354	355	356	357	358	359	360	
	Power																	18.41	18.33	8.74	8.78	9.06	8.98	8.91	9.07																
	<D> Then continue opening the screen in 10 degree steps until Low Power Mode is obtained.																																								
	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	18.37	8.71	9.05	8.7	9	18.36	18.33	18.4	18.31	18.37	18.45	18.35	18.61	18.43	18.65	18.66	18.6	18.44	18.36	18.42	18.35	8.98	8.96																	
Orientation 2	<A> From close mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
Low Power Mode	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	.....	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0		
	Power	8.93	9.1	8.78	8.72	9.17	8.91	8.93	8.85	8.68	9.17	8.92	8.72	9.03	8.66	8.96	8.98	18.35	18.42	18.36	18.44																				
Range of trigger angle	 Move back by 5 degree, until close mode is reobtained.																																								
190	Degree	360	355	350	345	340	335	330	325	320	315	310	.....	220	215	210	205	200	.....	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
	Power																8.98	18.41	18.35																						
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	360	359	358	357	355	354	353	352	351	350	349	....	209	208	207	206	205	204	203	202	201	200	199	198	197	196	195	...	8	7	6	5	4	3	2	1	0		
	Power													8.92	8.9	8.95	18.44	18.41	18.49	18.35	18.47	18.53	18.35	18.49	18.32	18.61	18.69	18.45													
	<D> Then continue opening the screen in 10 degree steps until Low Power Mode is obtained.																																								
	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	195	185	175	165	155	145	135	125	115	....	85	75	65	55	45	35	25	15	5	0		
	Power																		18.45	18.39	18.35	18.5	18.52	18.34	18.31	18.53	18.41	....	18.56	18.38	18.42	18.44	9.05	8.79	8.97	9.02	9.15	18.37		

1.Hall Effect and Gravity-Sensor(Triggering Test WLAN2.4G 802.11b Ch1 Ant2)

Orientation 1	<A> From close mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
High Power Mode	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	18.41	8.91	9	8.89	9.01	18.39	18.4	18.55	18.39	18.39	18.42	18.36	18.4	18.21	18.41	18.38	18.37	18.31	18.42	18.49	18.39	9.02	8.97	8.79	8.88	9.15	9.02	9.13	8.64	8.81	8.77	9.2	9.2	8.92	8.88	8.74	8.98			
Range of trigger angle	 Move back by 5 degree, until close mode is reobtained.																																								
210	Degree	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	.....	200	205	210	215	220	.....	305	310	315	320	325	330	335	340	345	350	355	360	
	Power																					18.39	18.43	9.02	8.99	8.97															
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	.....	205	206	207	208	209	210	211	212	.....	349	350	351	352	353	354	355	356	357	358	359	360	
	Power																	18.43	18.39	8.97	8.87	9.02	9.02	9.1	9.05																
	<D> Then continue opening the screen in 10 degree steps until Low Power Mode is obtained.																																								
	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	18.41	8.91	9	8.89	9.01	18.39	18.4	18.55	18.39	18.39	18.42	18.36	18.4	18.21	18.41	18.38	18.37	18.31	18.42	18.49	18.39	9.02	8.97																	
Orientation 2	<A> From close mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
Low Power Mode	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	....	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0		
	Power	8.98	8.74	8.88	8.92	9.2	9.2	8.77	8.81	8.64	9.13	9.02	9.15	8.88	8.79	8.97	9.02	18.39	18.49	18.42	18.31																				
Range of trigger angle	 Move back by 5 degree, until close mode is reobtained.																																								
190	Degree	360	355	350	345	340	335	330	325	320	315	310	.....	220	215	210	205	200	.....	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
	Power																9.02	18.44	18.39																						
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	360	359	358	357	355	354	353	352	351	350	349	....	209	208	207	206	205	204	203	202	201	200	199	198	197	196	195	...	8	7	6	5	4	3	2	1	0		
	Power													8.88	8.86	8.95	18.5	18.44	18.41	18.52	18.37	18.36	18.54	18.48	18.44	18.35	18.34	18.58													
	<D> Then continue opening the screen in 10 degree steps until Low Power Mode is obtained.																																								
	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	195	185	175	165	155	145	135	125	115	....	85	75	65	55	45	35	25	15	5	0		
	Power																	18.58	18.51	18.53	18.39	18.32	18.41	18.45	18.43	18.35	....	18.42	18.48	18.35	18.26	8.99	8.9	9.17	9.13	8.81	18.41			

1.Hall Effect and Gravity-Sensor(Triggering Test WLAN5G 802.11a Ch100 Ant1)

Orientation 1	<A> From close mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
High Power Mode	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	19.63	10.29	10.3	10.36	10.3	19.78	19.85	19.72	19.69	19.70	19.86	19.79	19.75	19.64	19.61	19.95	19.75	19.67	19.81	19.87	19.70	10.11	10.06	10.19	10.12	10.17	10.23	10.36	10.12	10.27	10.31	10.35	10.34	10.05	10.29	10.16	10.17			
Range of trigger angle	 Move back by 5 degree, until close mode is reobtained.																																								
210	Degree	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	.....	200	205	210	215	220	.....	305	310	315	320	325	330	335	340	345	350	355	360	
	Power																					19.7	19.75	10.11	10.07	10.06															
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	.....	205	206	207	208	209	210	211	212	.....	349	350	351	352	353	354	355	356	357	358	359	360	
	Power																	19.75	19.84	19.74	10.24	10.17	10.11	10.16	10.18																
	<D> Then continue opening the screen in 10 degree steps until Low Power Mode is obtained.																																								
	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	19.63	10.29	10.3	10.36	10.3	19.78	19.85	19.72	19.69	19.7	19.86	19.79	19.75	19.64	19.61	19.95	19.75	19.67	19.81	19.87	19.7	10.11	10.06																	
Orientation 2	<A> From Low Power Mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
Low Power Mode	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	....	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0		
	Power	10.17	10.16	10.29	10.05	10.34	10.35	10.31	10.27	10.12	10.36	10.23	10.17	10.12	10.19	10.06	10.11	19.7	19.87	19.81	19.67																				
Range of trigger angle	 Move back by 5 degree, until Low Power Mode is reobtained.																																								
190	Degree	360	355	350	345	340	335	330	325	320	315	310	.....	220	215	210	205	200	.....	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
	Power																10.11	19.68	19.7																						
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	360	359	358	357	355	354	353	352	351	350	349	....	209	208	207	206	205	204	203	202	201	200	199	198	197	196	195	...	8	7	6	5	4	3	2	1	0		
	Power																10.18	10.22	10.13	19.7	19.68	19.96	19.73	19.74	19.71	19.7	19.86	19.80	19.78	19.79	19.73										
	<D> Then continue opening the screen in 10 degree steps until close mode is obtained.																																								
	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	195	185	175	165	155	145	135	125	115	....	85	75	65	55	45	35	25	15	5	0		
	Power																		19.73	19.89	19.74	19.8	19.78	19.9	19.89	19.67	19.76	....	19.97	19.81	19.85	19.65	10.25	10.2	10.15	10.1	10.18	19.63		

1.Hall Effect and Gravity-Sensor(Triggering Test WLAN5G 802.11a Ch100 Ant2)

Orientation 1	<A> From close mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
High Power Mode	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	19.41	9.85	9.76	9.79	9.7	19.29	19.46	19.41	19.4	19.38	19.52	19.64	19.52	19.35	19.46	19.42	19.52	19.44	19.42	19.49	19.4	9.6	9.68	9.71	9.85	9.71	9.73	9.69	9.7	9.72	9.78	9.59	9.75	9.86	9.73	9.66	9.58			
Range of trigger angle	 Move back by 5 degree, until close mode is reobtained.																																								
210	Degree	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	.....	200	205	210	215	220	.....	305	310	315	320	325	330	335	340	345	350	355	360	
	Power																					19.4	19.38	9.6	9.62	9.68															
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	.....	205	206	207	208	209	210	211	212	.....	349	350	351	352	353	354	355	356	357	358	359	360	
	Power																		19.38	19.39	19.49	19.44	19.41	9.6	9.84	9.66															
	<D> Then continue opening the screen in 10 degree steps until Low Power Mode is obtained.																																								
	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
	Power	19.41	9.85	9.76	9.79	9.7	19.29	19.46	19.41	19.4	19.38	19.52	19.64	19.52	19.35	19.46	19.42	19.52	19.44	19.42	19.49	19.4	9.6	9.68																	
Orientation 2	<A> From Low Power Mode 0 degrees, open the screen in 10 degree step until High Power Mode is obtained.																																								
Low Power Mode	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	.....	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0		
	Power	9.58	9.66	9.73	9.86	9.75	9.59	9.78	9.72	9.7	9.69	9.73	9.71	9.85	9.71	9.68	9.6	9.4	19.49	19.42	19.44																				
Range of trigger angle	 Move back by 5 degree, until Low Power Mode is reobtained.																																								
190	Degree	360	355	350	345	340	335	330	325	320	315	310	.....	220	215	210	205	200	.....	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
	Power																9.6	19.3	19.4																						
	<C> Open the screen in 1 degree steps until High Power Mode is reobtained and continue opening the screen in 1 degree s																																								
	Degree	360	359	358	357	355	354	353	352	351	350	349	.....	209	208	207	206	205	204	203	202	201	200	199	198	197	196	195	...	8	7	6	5	4	3	2	1	0		
	Power																9.74	9.67	9.65	19.35	19.3	19.48	19.52	19.34	19.46	19.4	19.41	19.58	19.51	19.35	19.51										
	<D> Then continue opening the screen in 10 degree steps until close mode is obtained.																																								
	Degree	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	195	185	175	165	155	145	135	125	115	.....	85	75	65	55	45	35	25	15	5	0		
	Power																		19.51	19.43	19.49	19.38	19.43	19.5	19.51	19.39	19.45	.....	19.45	19.47	19.51	19.32	9.77	9.69	9.72	9.73	9.6	19.41		