



A Test Lab Techno Corp.

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MPE Report

Test Report No.	: 1512FS14
Applicant	: Phorus, Inc.
Manufacturer	: LITE-ON Technology (Changzhou) Co., Ltd
Product Type	: Play-Fi Module
Trade Name	: DTS
Model Number	: CAPRICA2L
Date of Received	: Nov. 25, 2015
Test Period	: Nov. 27, 2015
Date of Issued	: Dec. 15, 2015
Test Specification	: IEEE Std. 1528-2013 47 CFR § 2.1091 47 CFR §1.1310 ANSI / IEEE Std.C95.1-1992
Location of Test Lab.	: Chang-an Lab.

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
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Approved By

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Tested By

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1. Description of Equipment under Test (EUT)

Applicant	Phorus, Inc.				
Applicant Address	16255 Ventura Boulevard, Encino,California, 91436 United States				
Manufacturer	LITE-ON Technology (Changzhou) Co., Ltd				
Manufacturer Address	A9 Building, No. 88, Yanghu Road, Wujin Hi-Tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. China				
Product Type	Play-Fi Module				
Trade Name	DTS				
Model Number	CAPRICA2L				
FCC ID	2AAWQ-CAPRICA2L				
Class II Permissive Change	Adding new type antenna.				
Frequency Range	IEEE 802.11b / 802.11g / 802.11n 2.4GHz 20MHz: 2412 ~ 2462 MHz IEEE 802.11n 2.4GHz 40MHz: 2422 ~ 2452 MHz IEEE 802.11a Band I : 5180 ~ 5240 MHz IEEE 802.11a Band II-A : 5260 ~ 5320 MHz IEEE 802.11a Band II-C : 5500 ~ 5700 MHz IEEE 802.11a Band III : 5745 ~ 5825 MHz IEEE 802.11n 5GHz 20MHz Band I : 5180 ~ 5240 MHz IEEE 802.11n 5GHz 20MHz Band II-A : 5260 ~ 5320 MHz IEEE 802.11n 5GHz 20MHz Band II-C : 5500 ~ 5700 MHz IEEE 802.11n 5GHz 20MHz Band III : 5745 ~ 5825 MHz IEEE 802.11n 5GHz 40MHz Band I : 5190 ~ 5230 MHz IEEE 802.11n 5GHz 40MHz Band II-A : 5270 ~ 5310 MHz IEEE 802.11n 5GHz 40MHz Band II-C : 5510 ~ 5670 MHz IEEE 802.11n 5GHz 40MHz Band III : 5755 ~ 5795 MHz				
Transmit Power (conducted power)	IEEE 802.11b:	0.038	W /	15.78	dBm
	IEEE 802.11g:	0.024	W /	13.79	dBm
	IEEE 802.11n 2.4GHz (20MHz):	0.018	W /	12.52	dBm
	IEEE 802.11n 2.4GHz (40MHz):	0.016	W /	11.92	dBm
	IEEE 802.11a Band I :	0.017	W /	12.43	dBm
	IEEE 802.11a Band II-A :	0.019	W /	12.85	dBm
	IEEE 802.11a Band II-C :	0.024	W /	13.75	dBm
	IEEE 802.11a Band III :	0.024	W /	13.87	dBm
	IEEE 802.11n 5GHz 20MHz Band I :	0.012	W /	10.68	dBm
	IEEE 802.11n 5GHz 20MHz Band II-A :	0.012	W /	10.79	dBm
	IEEE 802.11n 5GHz 20MHz Band II-C :	0.016	W /	12.00	dBm
	IEEE 802.11n 5GHz 20MHz Band III :	0.014	W /	11.40	dBm
	IEEE 802.11n 5GHz 40MHz Band I :	0.011	W /	10.47	dBm
	IEEE 802.11n 5GHz 40MHz Band II-A :	0.011	W /	10.52	dBm
	IEEE 802.11n 5GHz 40MHz Band II-C :	0.016	W /	12.00	dBm
	IEEE 802.11n 5GHz 40MHz Band III :	0.014	W /	11.45	dBm



	Manufacturer	Model Number	Type	Max. Gain	
				2.4GHz	5GHz
Antenna used	SUNG NAM ELECTRONIC S(SHENZHEN) CO., LTD.	CSA3A020Z	Dipole Antenna	1.83 dBi	U-NII Band I: 1.57 dBi U-NII Band II-A: 2.79 dBi U-NII Band II-C: 2.12 dBi U-NII Band III: 2.59 dBi
Temperature Range	0 ~ +70°C				
RF Evaluation	0.012 mW/cm ²				

The above equipment was tested by A Test Lab Techno Corp. For compliance with the requirements set forth in 47 CFR § 2.1091 & 47 CFR § 1.1310. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties



2. Human Exposure Assessment

Due to the design and installation of this product, it is not possible to conduct SAR evaluation. This is because client either manufactures or supplies the antenna(s) that will be used in the installation of this product. Therefore, this product will be evaluated as a mobile device per 47 CFR §1.1310 titled "Radiofrequency radiation exposure limits", generally referred to as MPE limits.

In 47 CFR § 2.1091, paragraph (b) defines a mobile device as "a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 cm is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons. " This product is intended to be installed into a vehicle such that the unit is physically secured at one location. In the installation guide supplied with the product,

Client has made the following statement: "IMPORTANT: To meet the FCC's RF Exposure Guidelines, the antenna should be installed so there is at least 20 cm of separation between the body of the user and nearby persons and the antenna". Based on the installation of the transceiver and the antenna, the transmitters radiating structure is more than 20 cm from the user. Thus, this product is a "mobile device" as defined in section § 2.1091 paragraph (b).

Exposure evaluation
$S = \frac{PG}{4\pi R^2}$ <p>Where S: power density P: power input to the antenna G: power gain of the antenna in the direction of interest relative to an isotropic radiator. R: distance to the center of radiation of the antenna.</p>



3. RF Output Power

Band	Data Rate	CH	Frequency (MHz)	Average Conducted power (dBm)	
				ANT-0	ANT-1
IEEE 802.11b	1M	1	2412.0	14.35	15.22
		6	2437.0	14.56	15.78
		11	2462.0	14.43	15.02
	2M	6	2437.0	14.45	15.71
	5.5M	6	2437.0	14.29	15.67
	11M	6	2437.0	14.24	15.61
IEEE 802.11g	6M	1	2412.0	13.50	13.73
		6	2437.0	13.71	13.79
		11	2462.0	13.46	13.53
	9M	6	2437.0	13.70	13.78
	12M	6	2437.0	13.66	13.75
	18M	6	2437.0	13.64	13.73
	24M	6	2437.0	13.57	13.70
	36M	6	2437.0	13.55	13.64
	48M	6	2437.0	13.49	13.60
	54M	6	2437.0	13.45	13.58
IEEE 802.11n 2.4GHz 20MHz	6.5M	1	2412.0	12.08	12.45
		6	2437.0	12.25	12.52
		11	2462.0	12.06	12.35
	13M	6	2437.0	12.23	12.50
	19.5M	6	2437.0	12.19	12.47
	26M	6	2437.0	12.15	12.46
	39M	6	2437.0	12.11	12.43
	52M	6	2437.0	12.07	12.40
	58.5M	6	2437.0	12.06	12.38
	65M	6	2437.0	12.03	12.31
IEEE 802.11n 2.4GHz 40MHz	13.5M	3	2422.0	11.38	11.73
		6	2437.0	11.45	11.92
		9	2452.0	11.20	11.61
	27M	6	2437.0	11.42	11.90
	40.5M	6	2437.0	11.40	11.89
	54M	6	2437.0	11.34	11.87
	81M	6	2437.0	11.30	11.85
	108M	6	2437.0	11.27	11.81
	121.5M	6	2437.0	11.24	11.78
	135M	6	2437.0	11.19	11.72

Band	Data Rate	CH	Frequency (MHz)	Average Conducted power (dBm)	
				ANT-0	ANT-1
IEEE 802.11a	6M	36	5180.0	12.24	12.43
		40	5200.0	12.32	12.36
		44	5220.0	12.24	12.36
		48	5240.0	12.08	12.28
		52	5260.0	12.34	12.62
		56	5280.0	12.40	12.44
		60	5300.0	12.54	12.85
		64	5320.0	12.31	12.71
		100	5500.0	12.87	13.55
		104	5520.0	13.10	13.75
		108	5540.0	12.94	13.61
		112	5560.0	12.97	13.42
		116	5580.0	13.10	13.55
		120	5600.0	13.18	13.59
		124	5620.0	13.23	13.38
		128	5640.0	13.22	13.27
		132	5660.0	13.03	13.07
		136	5680.0	12.72	13.00
		140	5700.0	12.82	12.93
		149	5745.0	13.69	13.87
	54M	153	5765.0	12.72	13.38
		157	5785.0	12.72	12.79
		161	5805.0	12.17	12.51
		165	5825.0	12.05	12.10
		36	5180.0	12.21	12.39
		40	5200.0	12.28	12.31
		44	5220.0	12.22	12.35
		48	5240.0	12.04	12.21
		52	5260.0	12.31	12.60
		56	5280.0	12.35	12.42
		60	5300.0	12.48	12.79
		64	5320.0	12.28	12.67
		100	5500.0	12.83	13.51
		104	5520.0	13.04	13.71
		108	5540.0	12.87	13.57
		112	5560.0	12.93	13.36
		116	5580.0	13.02	13.53
		120	5600.0	13.08	13.54
		124	5620.0	13.16	13.34
		128	5640.0	13.18	13.22
		132	5660.0	12.99	13.01
		136	5680.0	12.63	12.93
		140	5700.0	12.76	12.85
		149	5745.0	13.61	13.85
		153	5765.0	12.71	13.33
		157	5785.0	12.66	12.77
		161	5805.0	12.16	12.43
		165	5825.0	12.03	12.06

Band	Data Rate	CH	Frequency (MHz)	Average Conducted power (dBm)	
				ANT-0	ANT-1
IEEE802.11n 5GHz 20MHz	6.5M	36	5180.0	10.50	10.67
		40	5200.0	10.48	10.68
		44	5220.0	10.49	10.59
		48	5240.0	10.48	10.52
		52	5260.0	10.46	10.79
		56	5280.0	10.47	10.59
		60	5300.0	10.46	10.72
		64	5320.0	10.51	10.60
		100	5500.0	11.52	11.98
		104	5520.0	11.70	11.92
		108	5540.0	11.52	11.94
		112	5560.0	11.95	11.98
		116	5580.0	11.85	12.00
		120	5600.0	11.45	11.58
		124	5620.0	11.27	11.37
		128	5640.0	10.94	11.12
		132	5660.0	10.68	11.11
		136	5680.0	10.53	10.71
		140	5700.0	10.50	10.58
		149	5745.0	11.19	11.40
		153	5765.0	11.04	11.21
		157	5785.0	10.47	10.55
		161	5805.0	10.45	10.59
		165	5825.0	10.49	10.58
	65M	36	5180.0	10.44	10.61
		40	5200.0	10.45	10.61
		44	5220.0	10.45	10.57
		48	5240.0	10.40	10.42
		52	5260.0	10.37	10.63
		56	5280.0	10.44	10.50
		60	5300.0	10.41	10.72
		64	5320.0	10.48	10.53
		100	5500.0	11.43	11.94
		104	5520.0	11.55	11.88
		108	5540.0	11.48	11.91
		112	5560.0	11.51	11.96
		116	5580.0	11.80	11.97
		120	5600.0	11.43	11.55
		124	5620.0	11.24	11.30
		128	5640.0	10.91	11.08
		132	5660.0	10.59	11.02
		136	5680.0	10.44	10.65
		140	5700.0	10.42	10.48
		149	5745.0	11.10	11.35
		153	5765.0	10.89	11.17
		157	5785.0	10.42	10.48
		161	5805.0	10.43	10.57
		165	5825.0	10.41	10.55

Band	DataRate	CH	Frequency (MHz)	AverageConductedpower (dBm)	
				ANT-0	ANT-1
IEEE802.11n 5GHz 40MHz	13.5M	38	5190.0	10.40	10.47
		46	5230.0	10.22	10.30
		54	5270.0	10.20	10.26
		62	5310.0	10.23	10.52
		102	5510.0	11.80	11.96
		110	5550.0	11.25	12.00
		118	5590.0	11.49	11.90
		126	5630.0	10.94	11.23
		134	5670.0	10.65	10.70
		151	5755.0	11.12	11.45
		159	5795.0	10.28	10.40
	135M	38	5190.0	10.27	10.30
		46	5230.0	10.15	10.18
		54	5270.0	10.16	10.22
		62	5310.0	10.20	10.43
		102	5510.0	11.38	11.90
		110	5550.0	11.20	11.93
		118	5590.0	11.44	11.90
		126	5630.0	10.81	11.20
		134	5670.0	10.58	10.62
		151	5755.0	10.95	11.35
		159	5795.0	10.22	10.32

4. TestResult

ANT-0

Band	Data Rate	Frequency (MHz)	Limit (mw/cm ²)	Distance (cm) [R]	Max Tune-up power (dBm) [P]	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] With Duty Cycle (mW) [TP]	Power Density [S] (mw/cm ²)
IEEE802.11b	1M	2412.0	1	20	16	1.83	1.52	1	60.51	0.012
		2437.0	1	20	16	1.83	1.52	1	60.51	0.012
		2462.0	1	20	16	1.83	1.52	1	60.51	0.012
IEEE802.11g	6M	2412.0	1	20	15	1.83	1.52	1	48.07	0.010
		2437.0	1	20	15	1.83	1.52	1	48.07	0.010
		2462.0	1	20	15	1.83	1.52	1	48.07	0.010
IEEE802.11n 2.4GHz 20MHz	6.5M	2412.0	1	20	14	1.83	1.52	1	38.18	0.008
		2437.0	1	20	14	1.83	1.52	1	38.18	0.008
		2462.0	1	20	14	1.83	1.52	1	38.18	0.008
IEEE802.11n 2.4GHz 40MHz	13.5M	2422.0	1	20	13	1.83	1.52	1	30.33	0.006
		2437.0	1	20	13	1.83	1.52	1	30.33	0.006
		2452.0	1	20	13	1.83	1.52	1	30.33	0.006
IEEE802.11a	6M	5180.0	1	20	14	1.57	1.44	1	36.17	0.007
		5200.0	1	20	14	1.57	1.44	1	36.17	0.007
		5220.0	1	20	14	1.57	1.44	1	36.17	0.007
		5240.0	1	20	14	1.57	1.44	1	36.17	0.007
		5260.0	1	20	14	2.79	1.9	1	47.73	0.009
		5280.0	1	20	14	2.79	1.9	1	47.73	0.009
		5300.0	1	20	14	2.79	1.9	1	47.73	0.009
		5320.0	1	20	14	2.79	1.9	1	47.73	0.009
		5500.0	1	20	14	2.12	1.63	1	40.94	0.008
		5520.0	1	20	14	2.12	1.63	1	40.94	0.008
		5540.0	1	20	14	2.12	1.63	1	40.94	0.008
		5560.0	1	20	14	2.12	1.63	1	40.94	0.008
		5580.0	1	20	14	2.12	1.63	1	40.94	0.008
		5600.0	1	20	14	2.12	1.63	1	40.94	0.008
		5620.0	1	20	14	2.12	1.63	1	40.94	0.008
		5640.0	1	20	14	2.12	1.63	1	40.94	0.008
		5660.0	1	20	14	2.12	1.63	1	40.94	0.008
		5680.0	1	20	14	2.12	1.63	1	40.94	0.008
		5700.0	1	20	14	2.12	1.63	1	40.94	0.008
		5745.0	1	20	14	2.59	1.82	1	45.72	0.009
		5765.0	1	20	14	2.59	1.82	1	45.72	0.009
		5785.0	1	20	14	2.59	1.82	1	45.72	0.009
		5805.0	1	20	14	2.59	1.82	1	45.72	0.009
		5825.0	1	20	14	2.59	1.82	1	45.72	0.009

Note: 1.The Numeric Gain calculated by $10^{(\text{ant. Gain(dBi)})}$

2. The device operating mode is Diversity with transmit signals to 1TX.

Band	Data Rate	Frequency (MHz)	Limit (mw/cm ²)	Distance (cm) [R]	Max Tune-up power (dBm) [P]	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] With Duty Cycle (mW) [TP]	Power Density [S] (mw/cm ²)
IEEE802.11n 5GHz 20MHz	6.5M	5180.0	1	20	12	1.57	1.44	1	22.82	0.005
		5200.0	1	20	12	1.57	1.44	1	22.82	0.005
		5220.0	1	20	12	1.57	1.44	1	22.82	0.005
		5240.0	1	20	12	1.57	1.44	1	22.82	0.005
		5260.0	1	20	12	2.79	1.9	1	30.11	0.006
		5280.0	1	20	12	2.79	1.9	1	30.11	0.006
		5300.0	1	20	12	2.79	1.9	1	30.11	0.006
		5320.0	1	20	12	2.79	1.9	1	30.11	0.006
		5500.0	1	20	12	2.12	1.63	1	25.83	0.005
		5520.0	1	20	12	2.12	1.63	1	25.83	0.005
		5540.0	1	20	12	2.12	1.63	1	25.83	0.005
		5560.0	1	20	12	2.12	1.63	1	25.83	0.005
		5580.0	1	20	12	2.12	1.63	1	25.83	0.005
		5600.0	1	20	12	2.12	1.63	1	25.83	0.005
		5620.0	1	20	12	2.12	1.63	1	25.83	0.005
		5640.0	1	20	12	2.12	1.63	1	25.83	0.005
		5660.0	1	20	12	2.12	1.63	1	25.83	0.005
		5680.0	1	20	12	2.12	1.63	1	25.83	0.005
		5700.0	1	20	12	2.12	1.63	1	25.83	0.005
		5745.0	1	20	12	2.59	1.82	1	28.85	0.006
		5765.0	1	20	12	2.59	1.82	1	28.85	0.006
		5785.0	1	20	12	2.59	1.82	1	28.85	0.006
		5805.0	1	20	12	2.59	1.82	1	28.85	0.006
		5825.0	1	20	12	2.59	1.82	1	28.85	0.006
IEEE802.11n 5GHz 40MHz	13.5M	5190.0	1	20	12	1.57	1.44	1	22.82	0.005
		5230.0	1	20	12	1.57	1.44	1	22.82	0.005
		5270.0	1	20	12	2.79	1.9	1	30.11	0.006
		5310.0	1	20	12	2.79	1.9	1	30.11	0.006
		5510.0	1	20	12	2.12	1.63	1	25.83	0.005
		5550.0	1	20	12	2.12	1.63	1	25.83	0.005
		5590.0	1	20	12	2.12	1.63	1	25.83	0.005
		5630.0	1	20	12	2.12	1.63	1	25.83	0.005
		5670.0	1	20	12	2.12	1.63	1	25.83	0.005
		5755.0	1	20	12	2.59	1.82	1	28.85	0.006
		5795.0	1	20	12	2.59	1.82	1	28.85	0.006

Note: 1.The Numeric Gain calculated by $10^{(\text{ant. Gain(dBi)})}$

2. The device operating mode is Diversity with transmit signals to 1TX.

ANT-1

Band	Data Rate	Frequency (MHz)	Limit (mw/cm ²)	Distance (cm) [R]	Max Tune-up power (dBm) [P]	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] With Duty Cycle (mW) [TP]	Power Density [S] (mw/cm ²)
IEEE802.11b	1M	2412.0	1	20	16	1.83	1.52	1	60.51	0.012
		2437.0	1	20	16	1.83	1.52	1	60.51	0.012
		2462.0	1	20	16	1.83	1.52	1	60.51	0.012
IEEE802.11g	6M	2412.0	1	20	15	1.83	1.52	1	48.07	0.010
		2437.0	1	20	15	1.83	1.52	1	48.07	0.010
		2462.0	1	20	15	1.83	1.52	1	48.07	0.010
IEEE802.11n 2.4GHz 20MHz	6.5M	2412.0	1	20	14	1.83	1.52	1	38.18	0.008
		2437.0	1	20	14	1.83	1.52	1	38.18	0.008
		2462.0	1	20	14	1.83	1.52	1	38.18	0.008
IEEE802.11n 2.4GHz 40MHz	13.5M	2422.0	1	20	13	1.83	1.52	1	30.33	0.006
		2437.0	1	20	13	1.83	1.52	1	30.33	0.006
		2452.0	1	20	13	1.83	1.52	1	30.33	0.006
IEEE802.11a	6M	5180.0	1	20	14	1.57	1.44	1	36.17	0.007
		5200.0	1	20	14	1.57	1.44	1	36.17	0.007
		5220.0	1	20	14	1.57	1.44	1	36.17	0.007
		5240.0	1	20	14	1.57	1.44	1	36.17	0.007
		5260.0	1	20	14	2.79	1.9	1	47.73	0.009
		5280.0	1	20	14	2.79	1.9	1	47.73	0.009
		5300.0	1	20	14	2.79	1.9	1	47.73	0.009
		5320.0	1	20	14	2.79	1.9	1	47.73	0.009
		5500.0	1	20	14	2.12	1.63	1	40.94	0.008
		5520.0	1	20	14	2.12	1.63	1	40.94	0.008
		5540.0	1	20	14	2.12	1.63	1	40.94	0.008
		5560.0	1	20	14	2.12	1.63	1	40.94	0.008
		5580.0	1	20	14	2.12	1.63	1	40.94	0.008
		5600.0	1	20	14	2.12	1.63	1	40.94	0.008
		5620.0	1	20	14	2.12	1.63	1	40.94	0.008
		5640.0	1	20	14	2.12	1.63	1	40.94	0.008
		5660.0	1	20	14	2.12	1.63	1	40.94	0.008
		5680.0	1	20	14	2.12	1.63	1	40.94	0.008
		5700.0	1	20	14	2.12	1.63	1	40.94	0.008
		5745.0	1	20	14	2.59	1.82	1	45.72	0.009
		5765.0	1	20	14	2.59	1.82	1	45.72	0.009
		5785.0	1	20	14	2.59	1.82	1	45.72	0.009
		5805.0	1	20	14	2.59	1.82	1	45.72	0.009
		5825.0	1	20	14	2.59	1.82	1	45.72	0.009

Note: 1.The Numeric Gain calculated by $10^{(\text{ant. Gain(dBi)})}$

2. The device operating mode is Diversity with transmit signals to 1TX.

Band	Data Rate	Frequency (MHz)	Limit (mw/cm ²)	Distance (cm) [R]	Max Tune-up power (dBm) [P]	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] With Duty Cycle (mW) [TP]	Power Density [S] (mw/cm ²)
IEEE802.11n 5GHz 20MHz	6.5M	5180.0	1	20	12	1.57	1.44	1	22.82	0.005
		5200.0	1	20	12	1.57	1.44	1	22.82	0.005
		5220.0	1	20	12	1.57	1.44	1	22.82	0.005
		5240.0	1	20	12	1.57	1.44	1	22.82	0.005
		5260.0	1	20	12	2.79	1.9	1	30.11	0.006
		5280.0	1	20	12	2.79	1.9	1	30.11	0.006
		5300.0	1	20	12	2.79	1.9	1	30.11	0.006
		5320.0	1	20	12	2.79	1.9	1	30.11	0.006
		5500.0	1	20	12	2.12	1.63	1	25.83	0.005
		5520.0	1	20	12	2.12	1.63	1	25.83	0.005
		5540.0	1	20	12	2.12	1.63	1	25.83	0.005
		5560.0	1	20	12	2.12	1.63	1	25.83	0.005
		5580.0	1	20	12	2.12	1.63	1	25.83	0.005
		5600.0	1	20	12	2.12	1.63	1	25.83	0.005
		5620.0	1	20	12	2.12	1.63	1	25.83	0.005
		5640.0	1	20	12	2.12	1.63	1	25.83	0.005
		5660.0	1	20	12	2.12	1.63	1	25.83	0.005
		5680.0	1	20	12	2.12	1.63	1	25.83	0.005
		5700.0	1	20	12	2.12	1.63	1	25.83	0.005
		5745.0	1	20	12	2.59	1.82	1	28.85	0.006
		5765.0	1	20	12	2.59	1.82	1	28.85	0.006
		5785.0	1	20	12	2.59	1.82	1	28.85	0.006
		5805.0	1	20	12	2.59	1.82	1	28.85	0.006
		5825.0	1	20	12	2.59	1.82	1	28.85	0.006
IEEE802.11n 5GHz 40MHz	13.5M	5190.0	1	20	12	1.57	1.44	1	22.82	0.005
		5230.0	1	20	12	1.57	1.44	1	22.82	0.005
		5270.0	1	20	12	2.79	1.9	1	30.11	0.006
		5310.0	1	20	12	2.79	1.9	1	30.11	0.006
		5510.0	1	20	12	2.12	1.63	1	25.83	0.005
		5550.0	1	20	12	2.12	1.63	1	25.83	0.005
		5590.0	1	20	12	2.12	1.63	1	25.83	0.005
		5630.0	1	20	12	2.12	1.63	1	25.83	0.005
		5670.0	1	20	12	2.12	1.63	1	25.83	0.005
		5755.0	1	20	12	2.59	1.82	1	28.85	0.006
		5795.0	1	20	12	2.59	1.82	1	28.85	0.006

Note: 1.The Numeric Gain calculated by $10^{(\text{ant. Gain(dBi)})}$

2. The device operating mode is Diversity with transmit signals to 1TX.