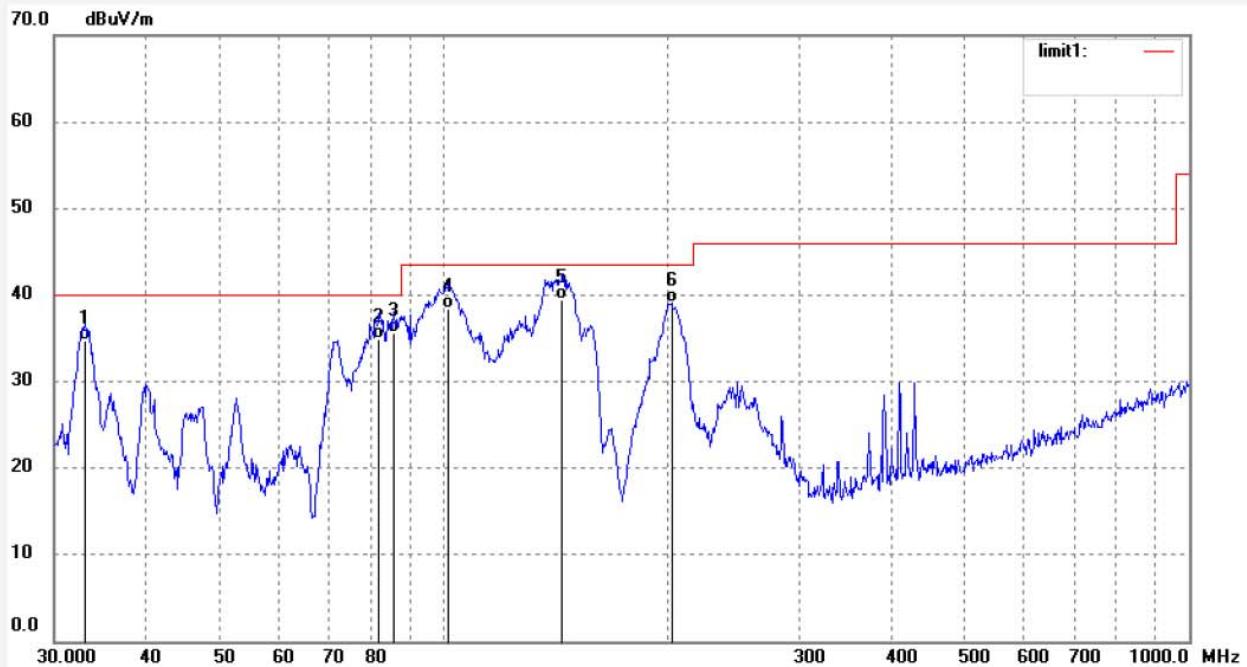


Job No.: ding1 #823	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/49/22
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2437MHz	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	
Note: Report NO.:ATE20171108	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.9853	50.12	-15.45	34.67	40.00	-5.33	QP	100	18	
2	81.9477	56.89	-21.98	34.91	40.00	-5.09	QP	100	42	
3	85.7777	57.64	-21.95	35.69	40.00	-4.31	QP	100	175	
4	101.5358	60.99	-22.65	38.34	43.50	-5.16	QP	100	269	
5	144.2820	61.86	-22.36	39.50	43.50	-4.00	QP	100	275	
6	202.1630	57.67	-18.59	39.08	43.50	-4.42	QP	100	329	

Job No.: ding1 #825

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 12/51/45

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

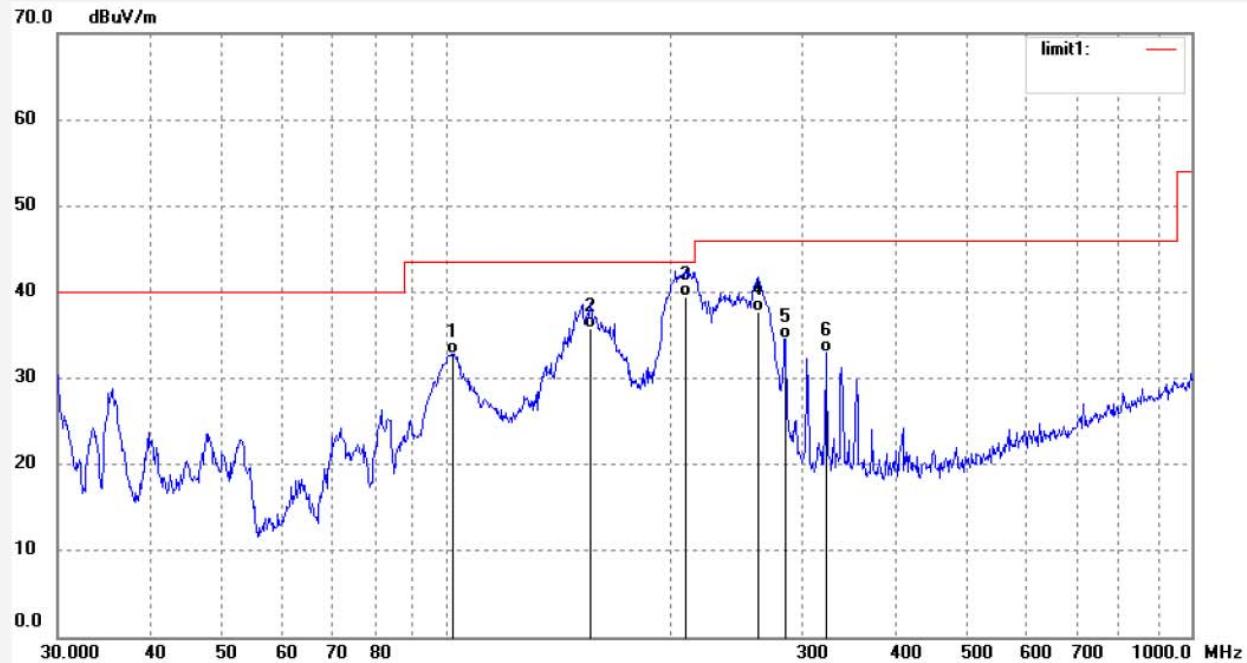
Mode: TX 2462MHz

Distance: 3m

Model: S007G

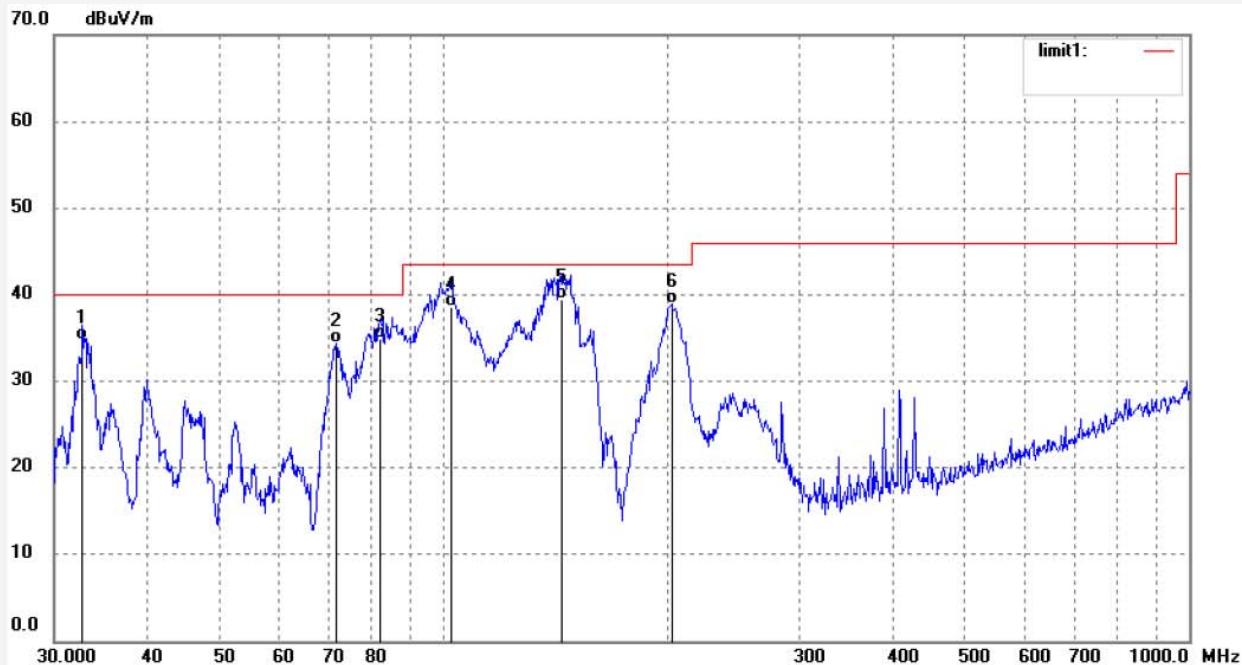
Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	101.8931	55.53	-22.66	32.87	43.50	-10.63	QP	100	62	
2	155.8771	57.64	-21.82	35.82	43.50	-7.68	QP	100	120	
3	209.3924	57.98	-18.46	39.52	43.50	-3.98	QP	100	138	
4	262.1926	55.19	-17.41	37.78	46.00	-8.22	QP	100	246	
5	285.2610	50.99	-16.37	34.62	46.00	-11.38	QP	100	172	
6	322.5896	47.98	-15.00	32.98	46.00	-13.02	QP	100	352	

Job No.:	ding1 #826	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/06/19/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	12/53/30
EUT:	Smart Wifi Robotic cleaner with HD camera	Engineer Signature:	DING
Mode:	TX 2462MHz	Distance:	3m
Model:	S007G		
Manufacturer:	DIMAO		
Note:	Report NO.:ATE20171108		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.7542	50.11	-15.39	34.72	40.00	-5.28	QP	100	67	
2	71.7053	56.53	-22.16	34.37	40.00	-5.63	QP	100	127	
3	82.2363	56.87	-21.99	34.88	40.00	-5.12	QP	100	136	
4	102.2518	61.23	-22.67	38.56	43.50	-4.94	QP	100	267	
5	143.7760	61.77	-22.36	39.41	43.50	-4.09	QP	100	310	
6	202.1630	57.59	-18.59	39.00	43.50	-4.50	QP	100	267	

Above 1G



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Fax:+86-0755-26503396

Job No.: ding1 #782

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 9/43/06

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

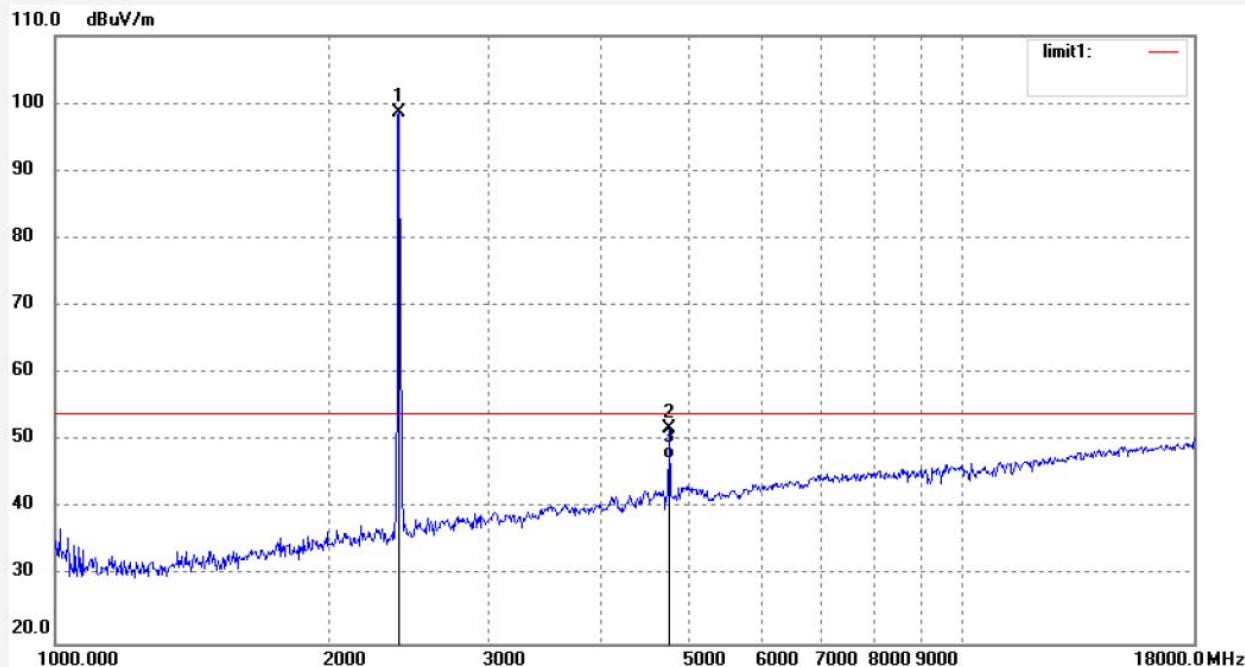
Mode: TX 2412MHz(802.11b)

Distance: 3m

Model: S007G

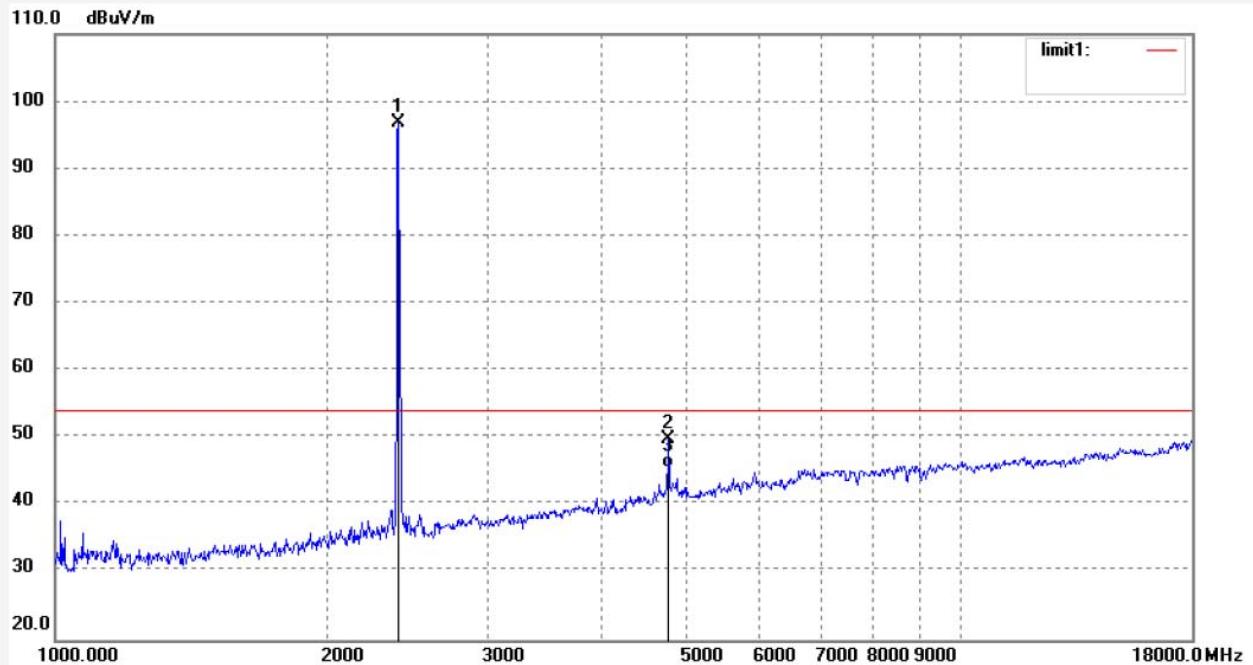
Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	104.49	-5.84	98.65			peak	150	138	
2	4824.038	48.62	3.30	51.92	74.00	-22.08	peak	151	256	
3	4824.038	44.03	3.30	47.33	54.00	-6.67	AVG	151	256	

Job No.: ding1 #781	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp. (C)/Hum.(%) 25 C / 55 %	Time: 9/40/21
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2412MHz(802.11b)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	
Note: Report NO.:ATE20171108	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	102.69	-5.84	96.85			peak	150	26	
2	4824.038	46.41	3.30	49.71	74.00	-24.29	peak	152	130	
3	4824.038	42.18	3.30	45.48	54.00	-8.52	AVG	152	130	

Job No.: ding1 #783

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 9/46/49

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

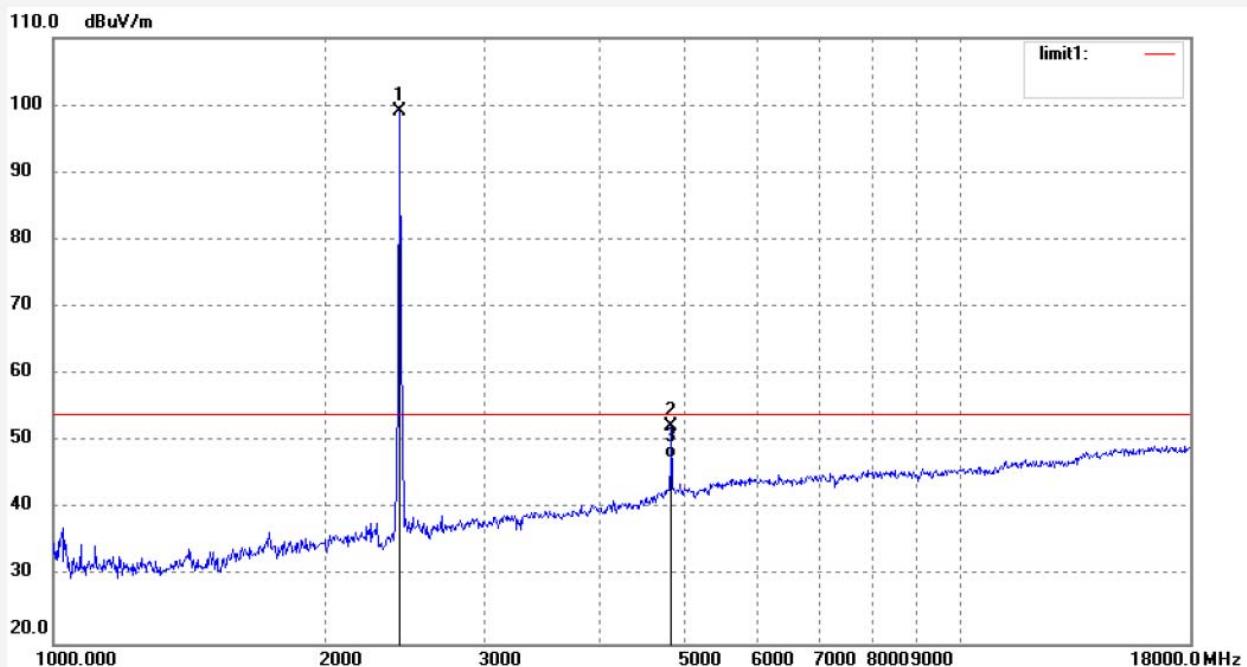
Mode: TX 2437MHz(802.11b)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	104.72	-5.72	99.00			peak	151	47	
2	4874.042	48.59	3.67	52.26	74.00	-21.74	peak	152	69	
3	4874.042	43.96	3.67	47.63	54.00	-6.37	AVG	152	69	

Job No.: ding1 #784

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 9/48/22

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

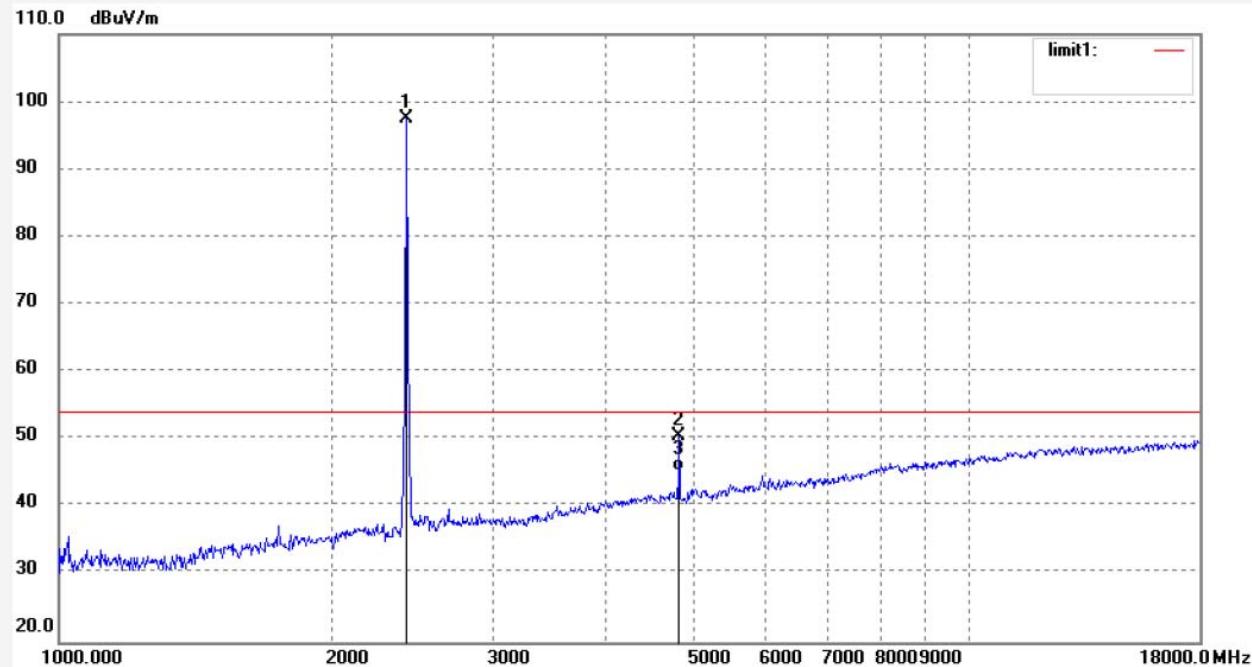
Mode: TX 2437MHz(802.11b)

Distance: 3m

Model: S007G

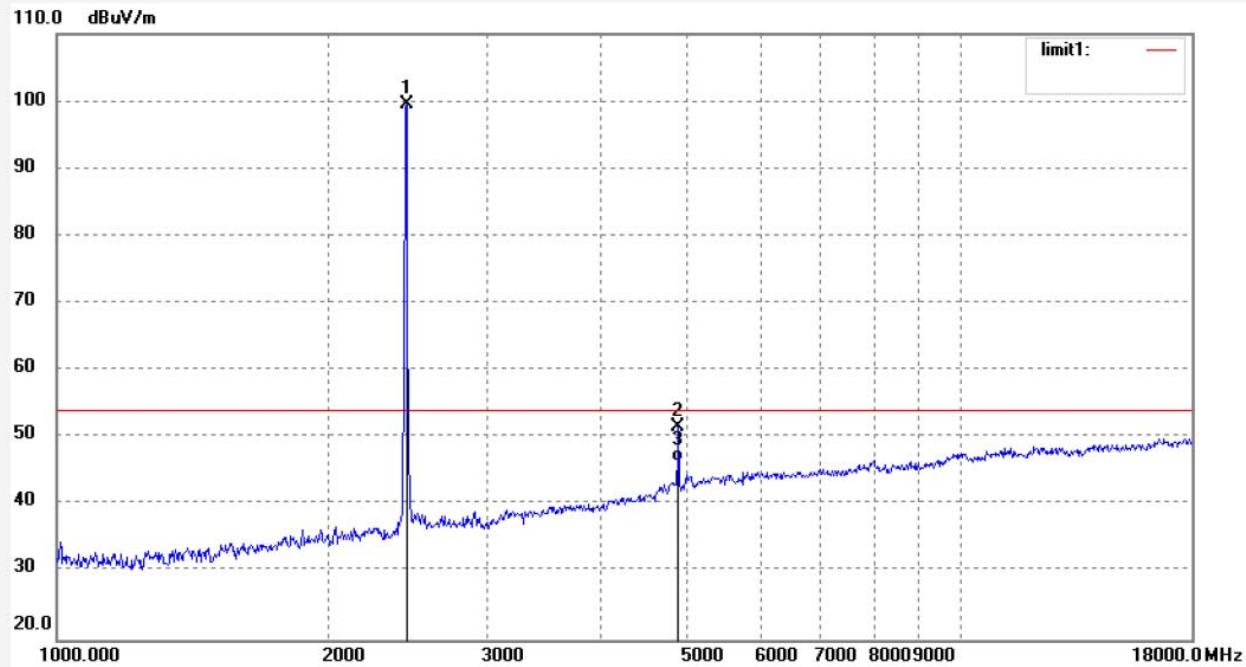
Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	103.22	-5.72	97.50			peak	152	36	
2	4875.042	46.86	3.67	50.53	74.00	-23.47	peak	151	78	
3	4875.042	41.57	3.67	45.24	54.00	-8.76	AVG	151	78	

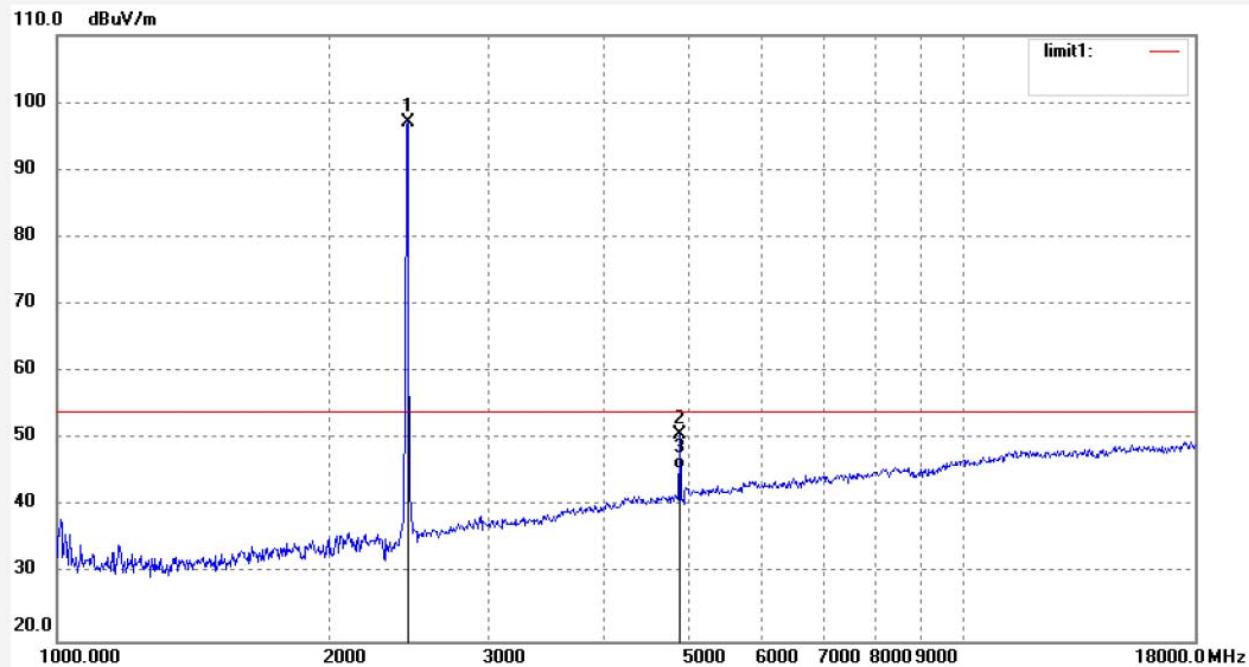
Job No.: ding1 #786	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp. (C)/Hum.(%) 25 C / 55 %	Time: 9/55/13
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2462MHz(802.11b)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	
Note: Report NO.:ATE20171108	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.007	105.06	-5.61	99.45			peak	150	301	
2	4924.014	47.39	4.20	51.59	74.00	-22.41	peak	151	284	
3	4924.014	42.35	4.20	46.55	54.00	-7.45	AVG	151	284	

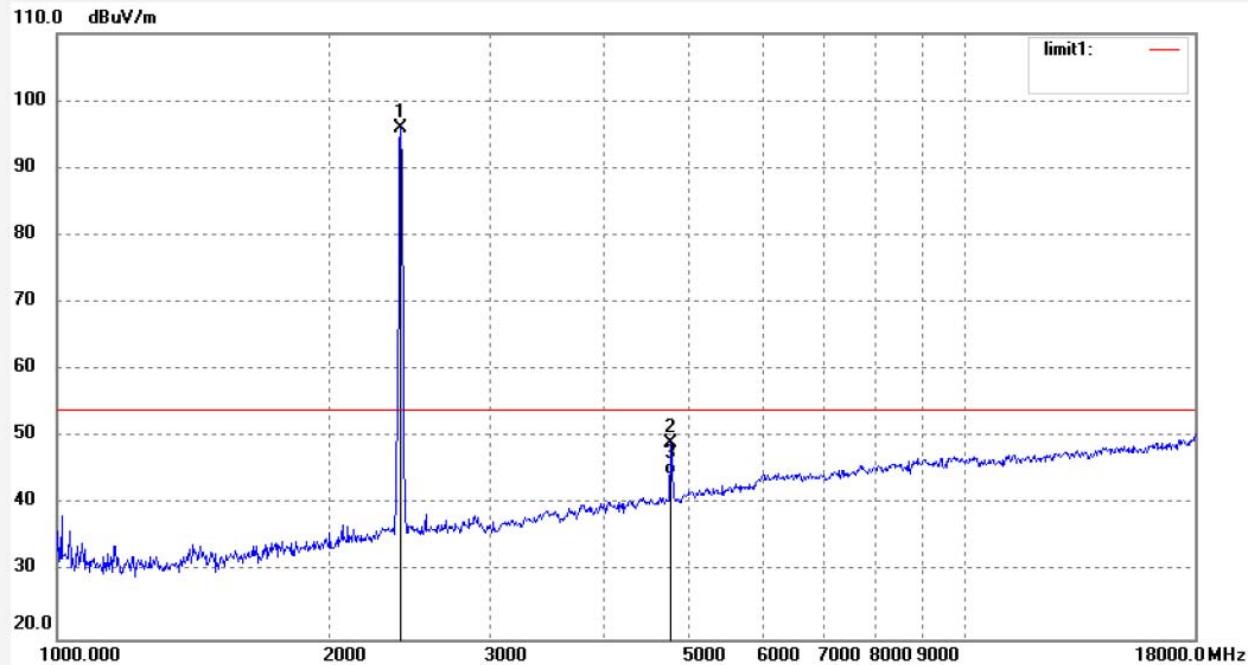
Job No.: ding1 #785	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp. (C)/Hum.(%) 25 C / 55 %	Time: 9/53/00
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2462MHz(802.11b)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	

Note: Report NO.:ATE20171108



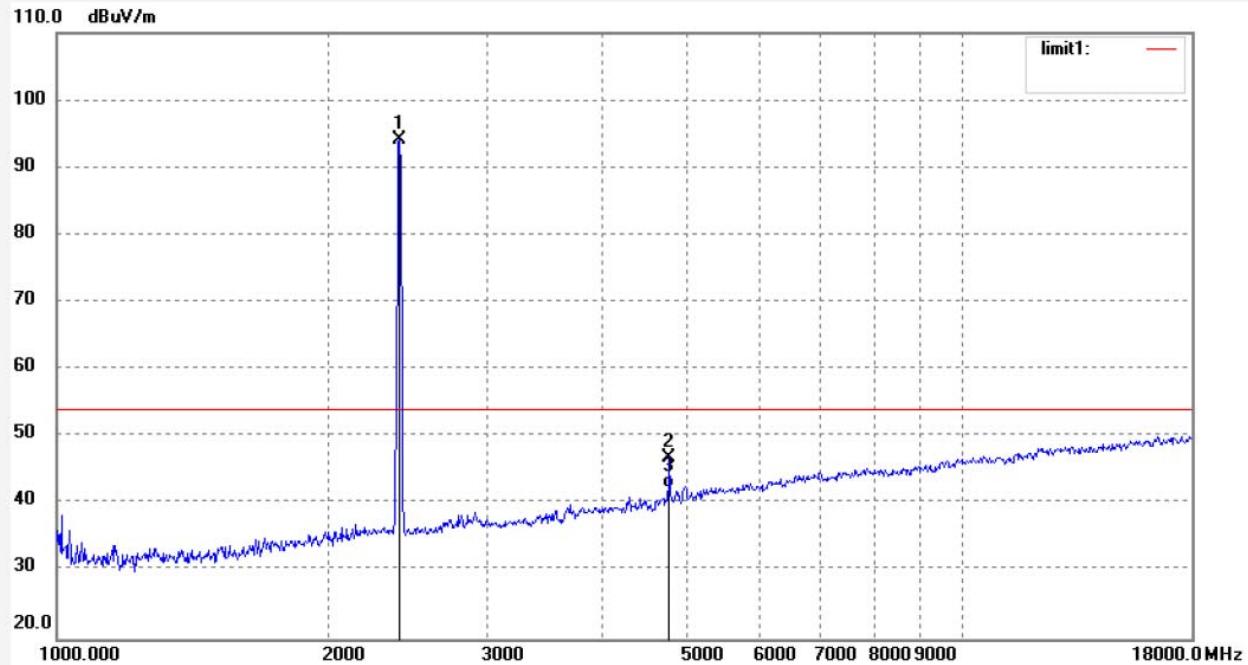
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.007	102.61	-5.61	97.00			peak	150	156	
2	4924.014	46.44	4.20	50.64	74.00	-23.36	peak	150	245	
3	4924.014	41.23	4.20	45.43	54.00	-8.57	AVG	150	245	

Job No.: ding1 #791	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 10/08/40
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2412MHz(802.11g)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	
Note: Report NO.:ATE20171108	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	101.68	-5.84	95.84			peak	151	320	
2	4824.038	45.92	3.30	49.22	74.00	-24.78	peak	153	317	
3	4824.038	41.12	3.30	44.42	54.00	-9.58	AVG	153	317	

Job No.: ding1 #792	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp. (C)/Hum.(%) 25 C / 55 %	Time: 10/10/05
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2412MHz(802.11g)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	
Note: Report NO.:ATE20171108	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	99.98	-5.84	94.14			peak	151	29	
2	4824.038	43.68	3.30	46.98	74.00	-27.02	peak	153	186	
3	4824.038	39.16	3.30	42.46	54.00	-11.54	AVG	153	186	

Job No.: ding1 #790

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 10/05/46

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

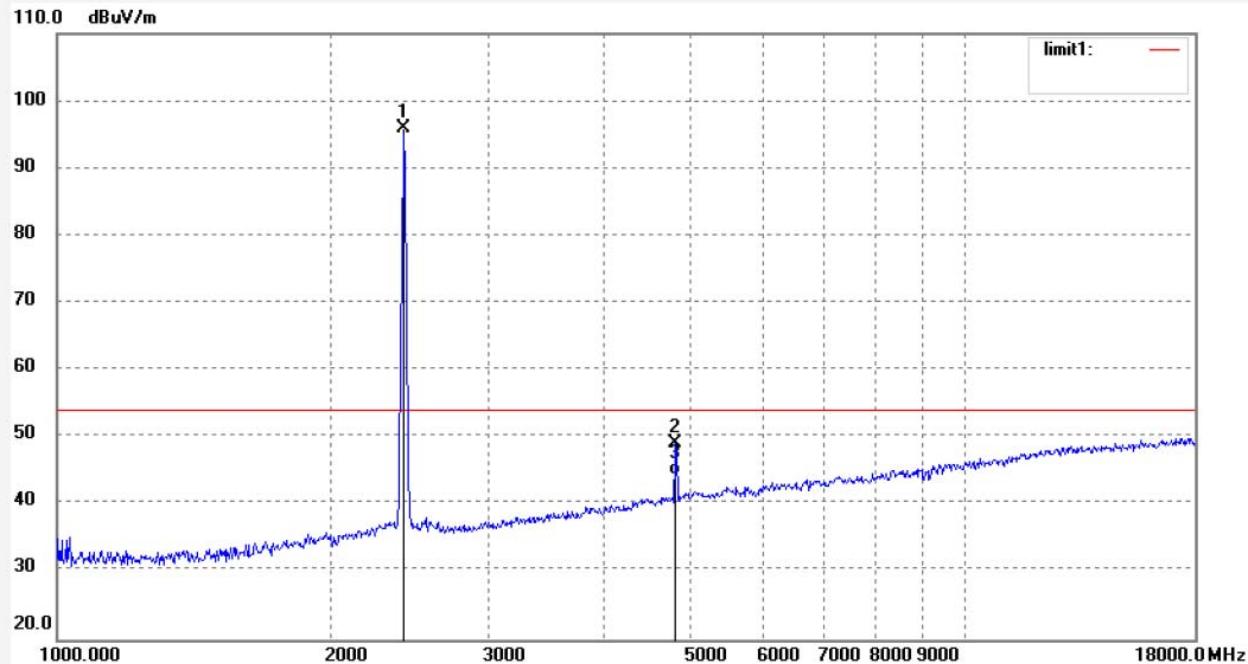
Mode: TX 2437MHz(802.11g)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	101.75	-5.72	96.03			peak	152	15	
2	4874.042	45.41	3.67	49.08	74.00	-24.92	peak	154	251	
3	4874.042	40.85	3.67	44.52	54.00	-9.48	AVG	154	251	

Job No.: ding1 #789

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C) / Hum. (%) 25 C / 55 %

Time: 10/04/18

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

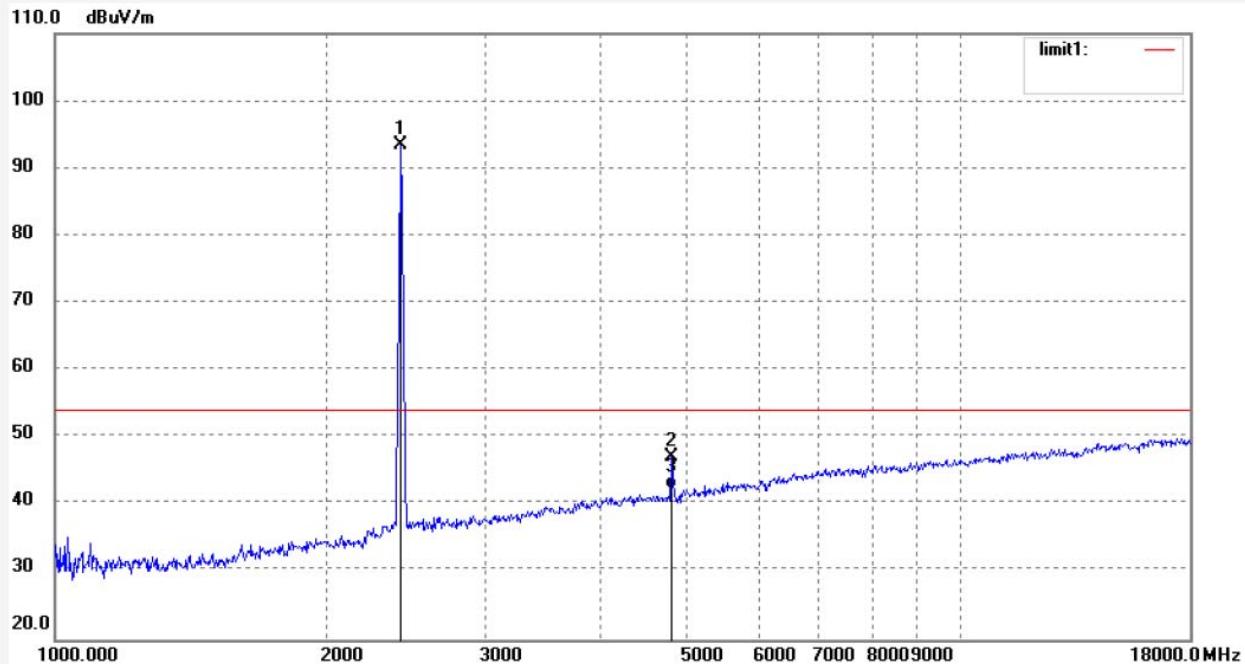
Mode: TX 2437MHz(802.11g)

Distance: 3m

Model: S007G

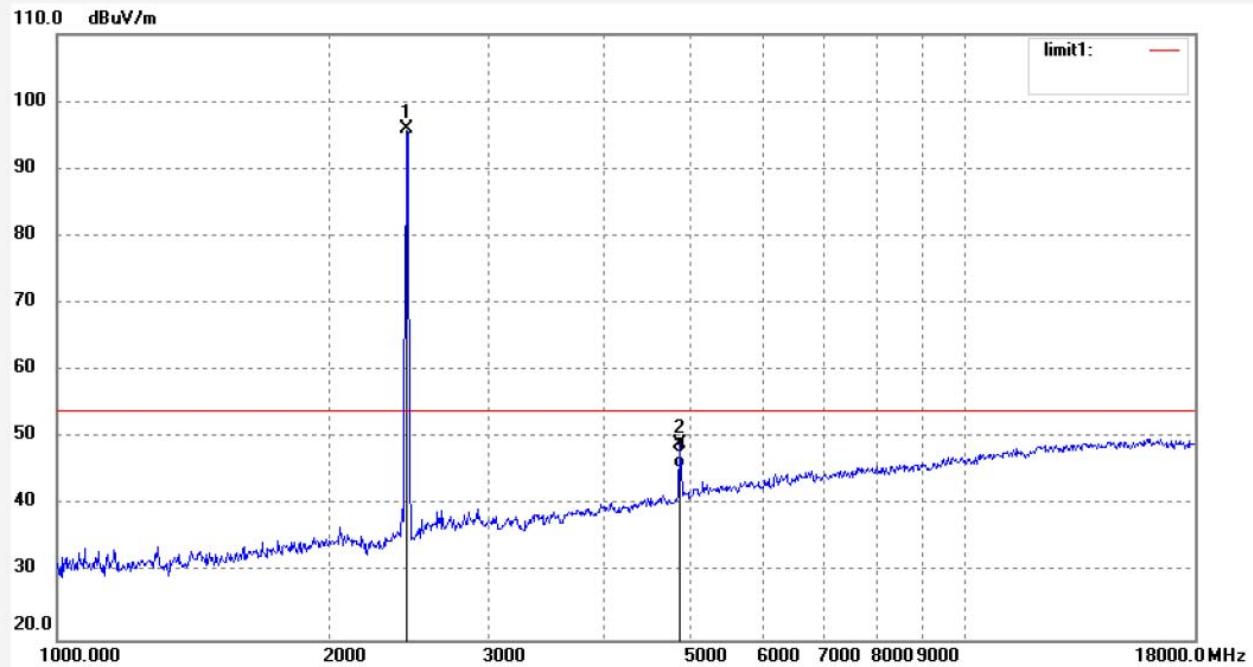
Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	99.25	-5.72	93.53			peak	152	65	
2	4874.042	43.58	3.53	47.11	74.00	-26.89	peak	153	174	
3	4874.042	38.94	3.53	42.47	54.00	-11.53	AVG	153	174	

Job No.: ding1 #787	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/58/27
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2462MHz(802.11g)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	
Note: Report NO.:ATE20171108	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.024	101.65	-5.65	96.00			peak	152	196	
2	4924.048	45.12	4.06	49.18	74.00	-24.82	peak	153	251	
3	4924.048	41.46	4.06	45.52	54.00	-8.48	AVG	153	251	

Job No.: ding1 #788

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C) /Hum.(%) 25 C / 55 %

Time: 10/00/42

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

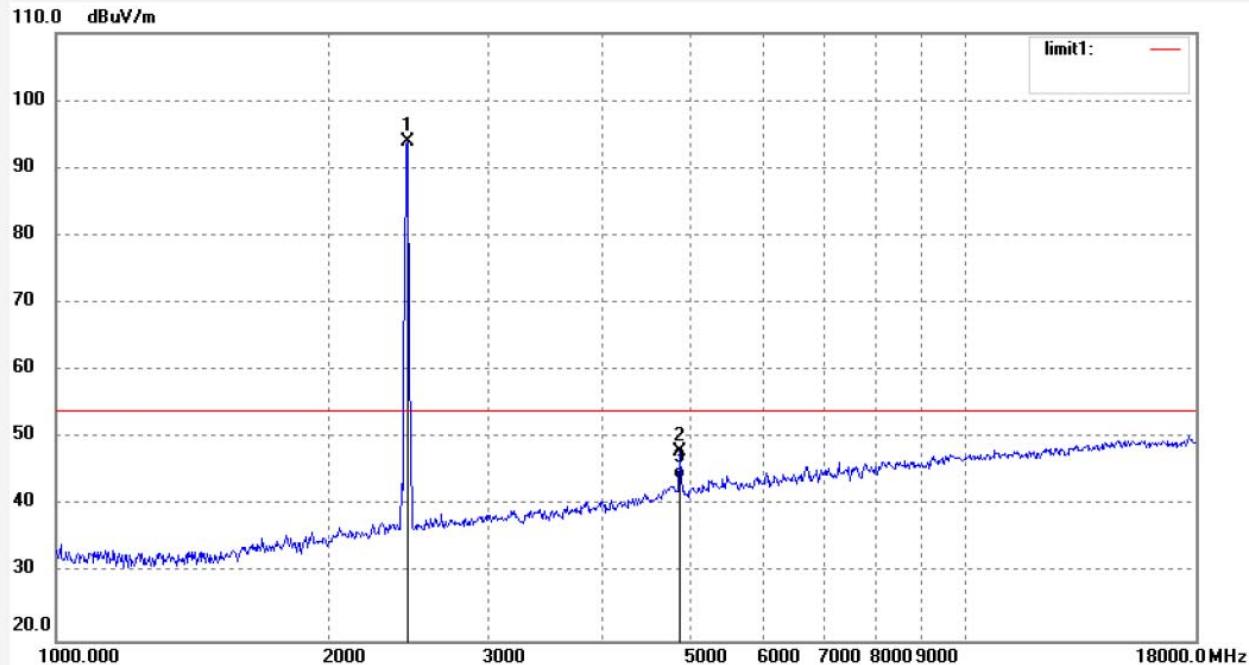
Mode: TX 2462MHz(802.11g)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.007	99.56	-5.61	93.95			peak	150	201	
2	4924.014	43.97	4.06	48.03	74.00	-25.97	peak	152	167	
3	4924.014	39.81	4.06	43.87	54.00	-10.13	AVG	152	167	



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Job No.: ding1 #794

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 10/16/13

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

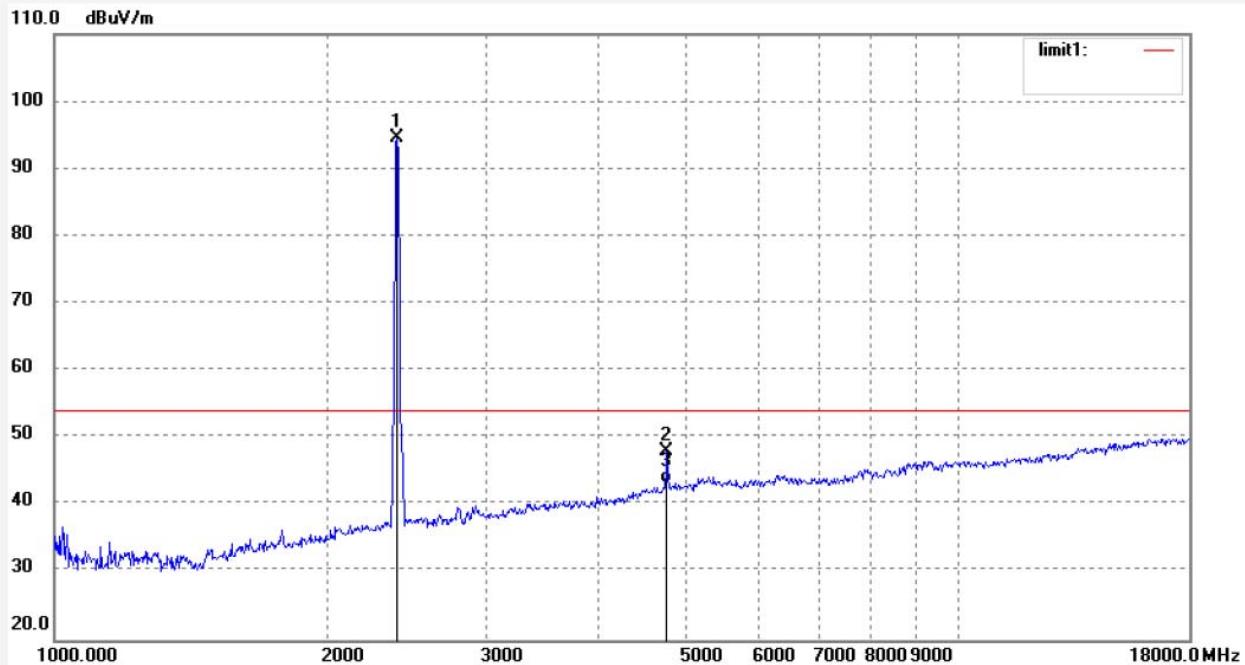
Mode: TX 2412MHz(802.11n20)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	100.51	-5.84	94.67			peak	156	342	
2	4824.038	44.78	3.30	48.08	74.00	-25.92	peak	154	179	
3	4824.038	40.06	3.30	43.36	54.00	-10.64	AVG	154	179	

Job No.: ding1 #793

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 10/14/07

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

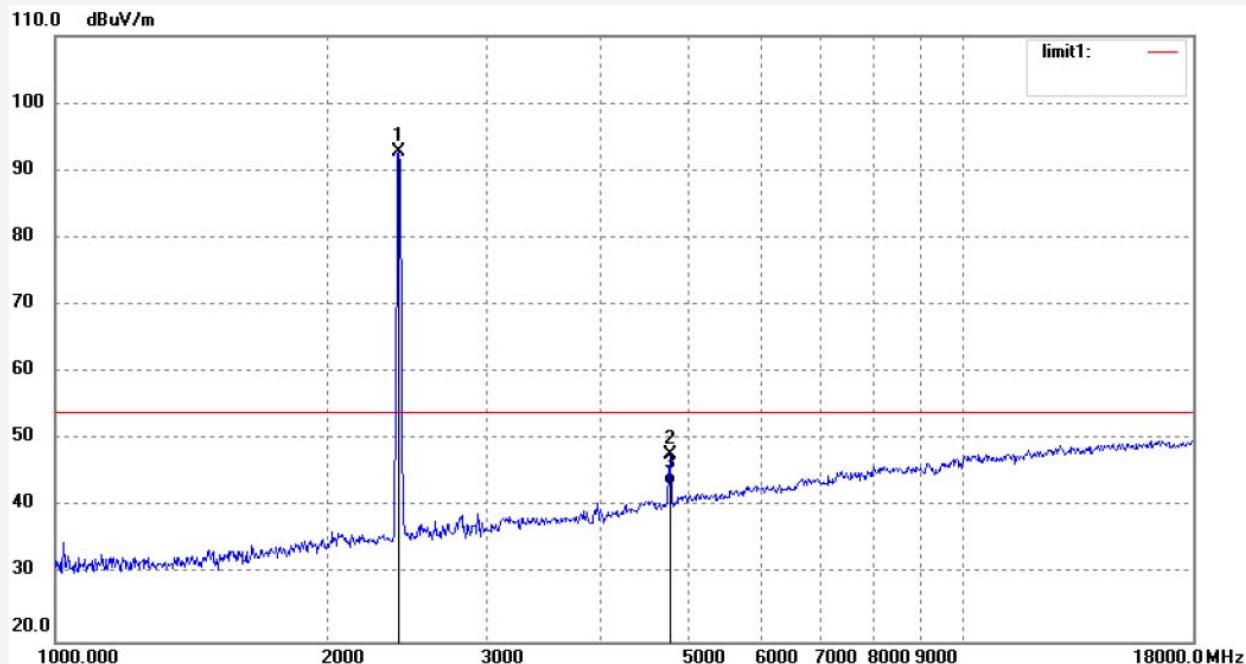
Mode: TX 2412MHz(802.11n20)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	98.57	-5.84	92.73			peak	153	264	
2	4824.038	44.33	3.37	47.70	74.00	-26.30	peak	154	256	
3	4824.038	39.84	3.37	43.21	54.00	-10.79	AVG	154	256	

Job No.: ding1 #795

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 10/19/49

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

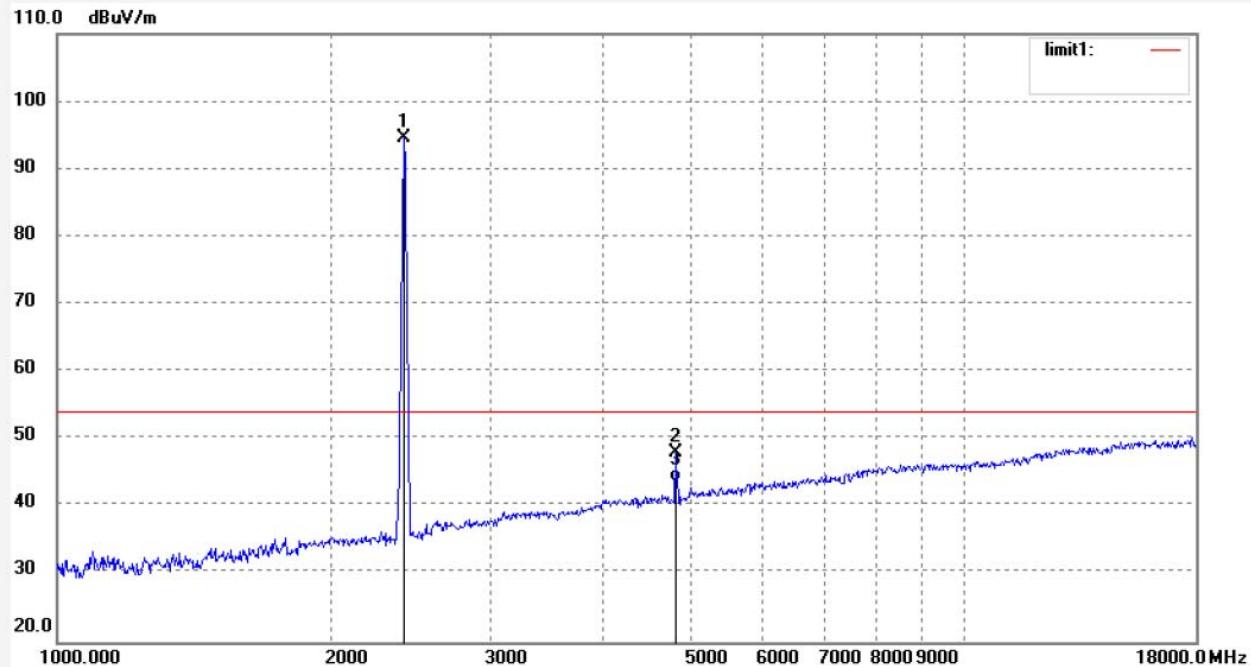
Mode: TX 2437MHz(802.11n20)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	100.41	-5.72	94.69			peak	151	176	
2	4874.042	44.58	3.53	48.11	74.00	-25.89	peak	152	260	
3	4874.042	40.25	3.53	43.78	54.00	-10.22	AVG	152	260	

Job No.: ding1 #796

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 10/22/05

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

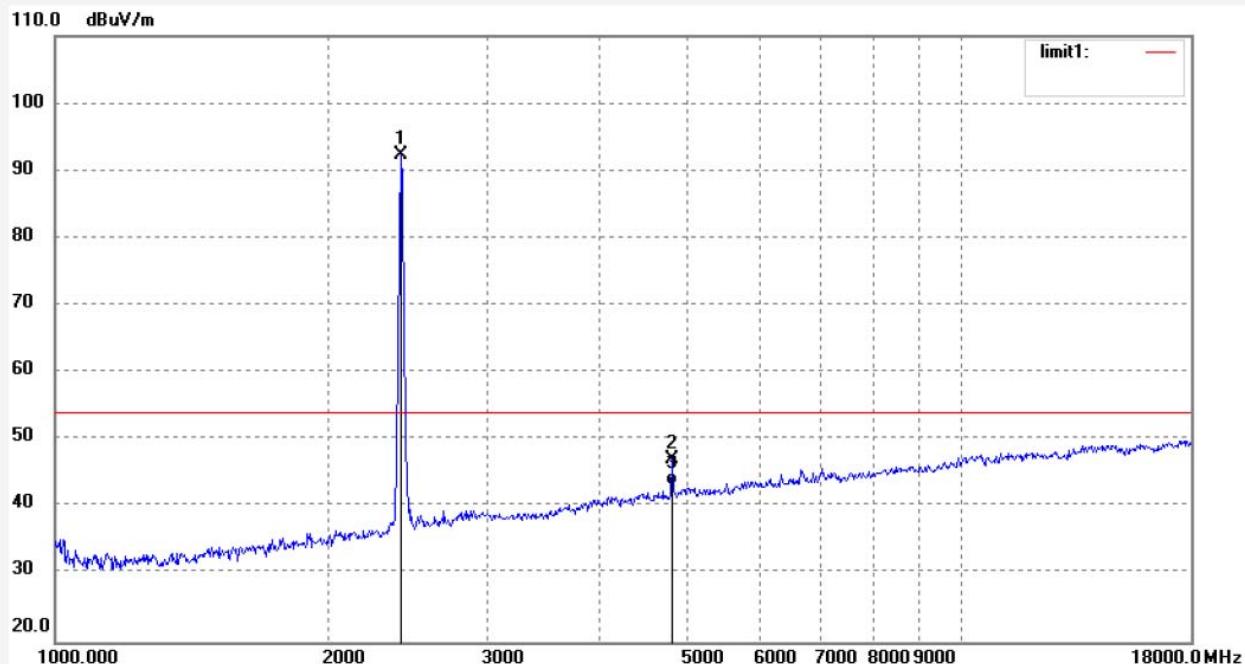
Mode: TX 2437MHz(802.11n20)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	98.09	-5.72	92.37			peak	157	231	
2	4875.042	43.58	3.53	47.11	74.00	-26.89	peak	150	209	
3	4875.042	39.74	3.53	43.27	54.00	-10.73	AVG	150	209	

Job No.: ding1 #798

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C) / Hum. (%) 25 C / 55 %

Time: 10/28/50

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

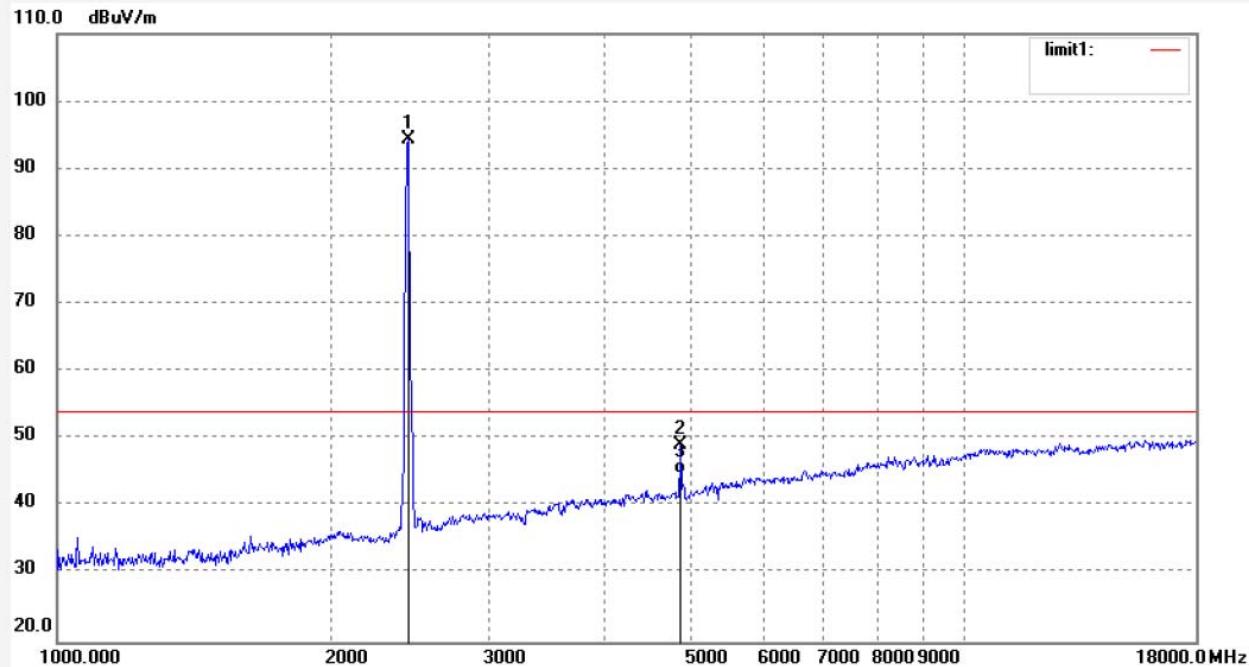
Mode: TX 2462MHz(802.11n20)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.007	99.95	-5.61	94.34			peak	154	210	
2	4944.014	44.86	4.20	49.06	74.00	-24.94	peak	153	236	
3	4944.014	40.57	4.20	44.77	54.00	-9.23	AVG	153	236	

Job No.: ding1 #797

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 10/25/11

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

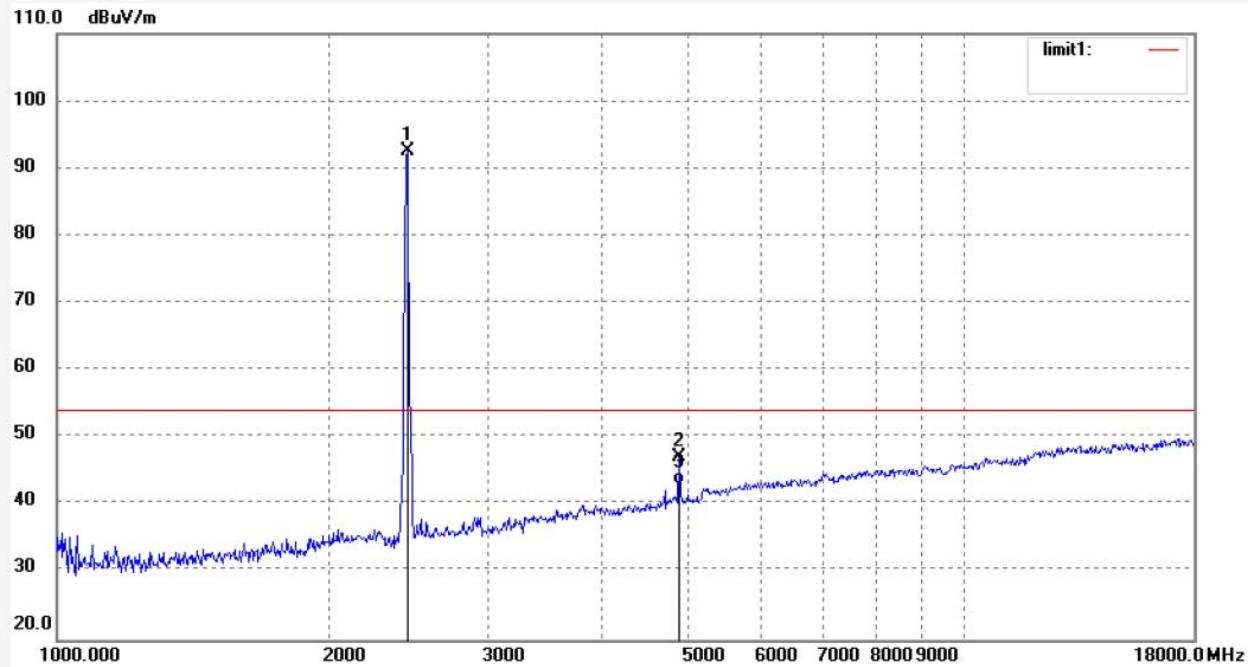
Mode: TX 2462MHz(802.11n20)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.007	98.26	-5.61	92.65			peak	150	58	
2	4944.014	42.89	4.20	47.09	74.00	-26.91	peak	153	190	
3	4944.014	38.82	4.20	43.02	54.00	-10.98	AVG	153	190	

Job No.: ding1 #803

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 10/44/40

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

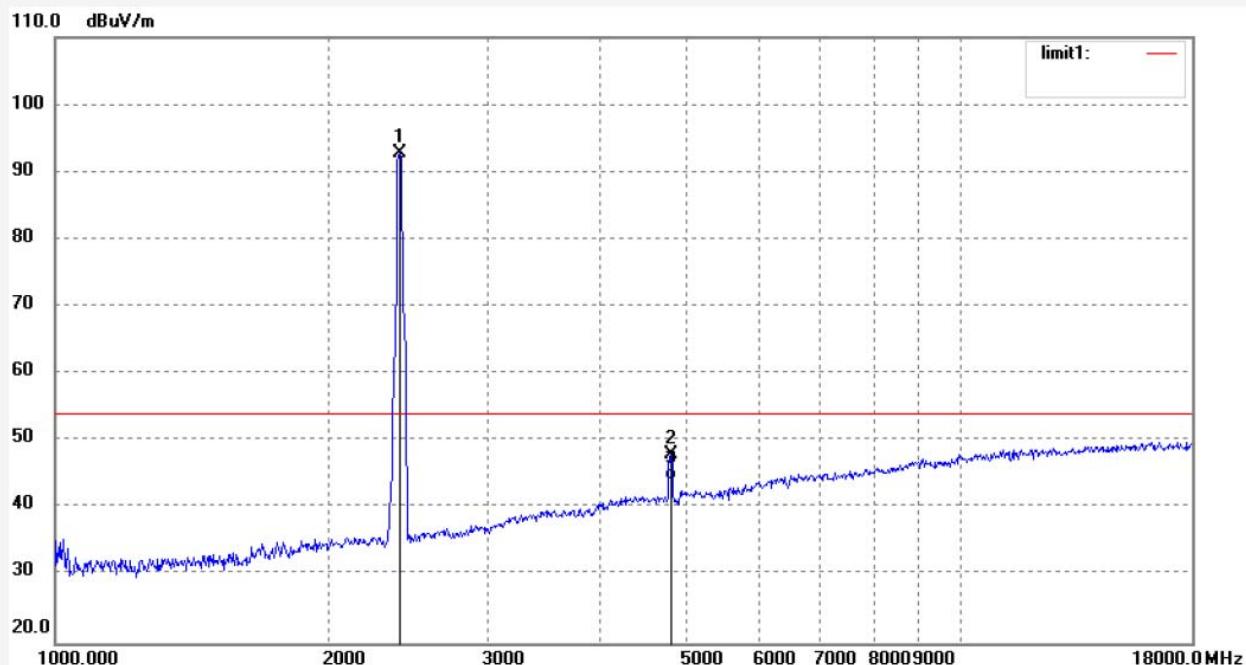
Mode: TX 2422MHz(802.11n40)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

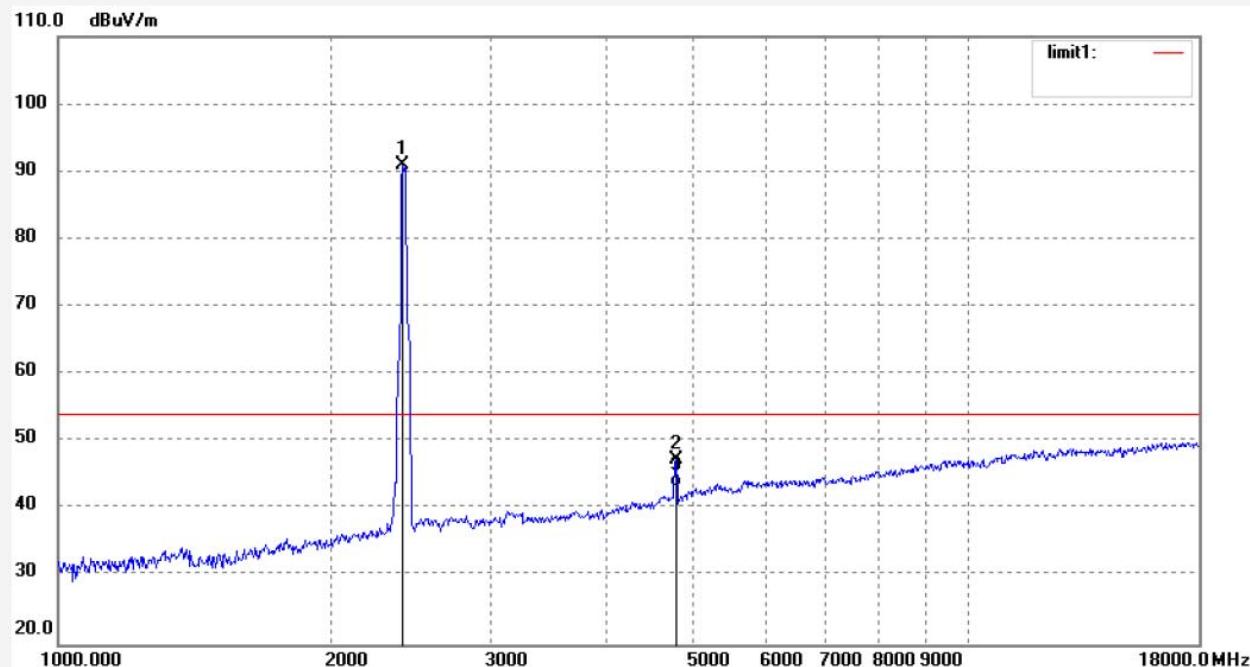
Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.019	98.57	-5.80	92.77			peak	153	56	
2	4844.038	44.49	3.46	47.95	74.00	-26.05	peak	152	187	
3	4844.038	40.63	3.46	44.09	54.00	-9.91	AVG	152	187	

Job No.: ding1 #804	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp. (C)/Hum.(%) 25 C / 55 %	Time: 10/46/56
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2422MHz(802.11n40)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.019	96.75	-5.84	90.91			peak	154	196	
2	4844.038	43.83	3.46	47.29	74.00	-26.71	peak	152	267	
3	4844.038	39.88	3.46	43.34	54.00	-10.66	AVG	152	267	

Job No.: ding1 #802

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 10/41/28

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

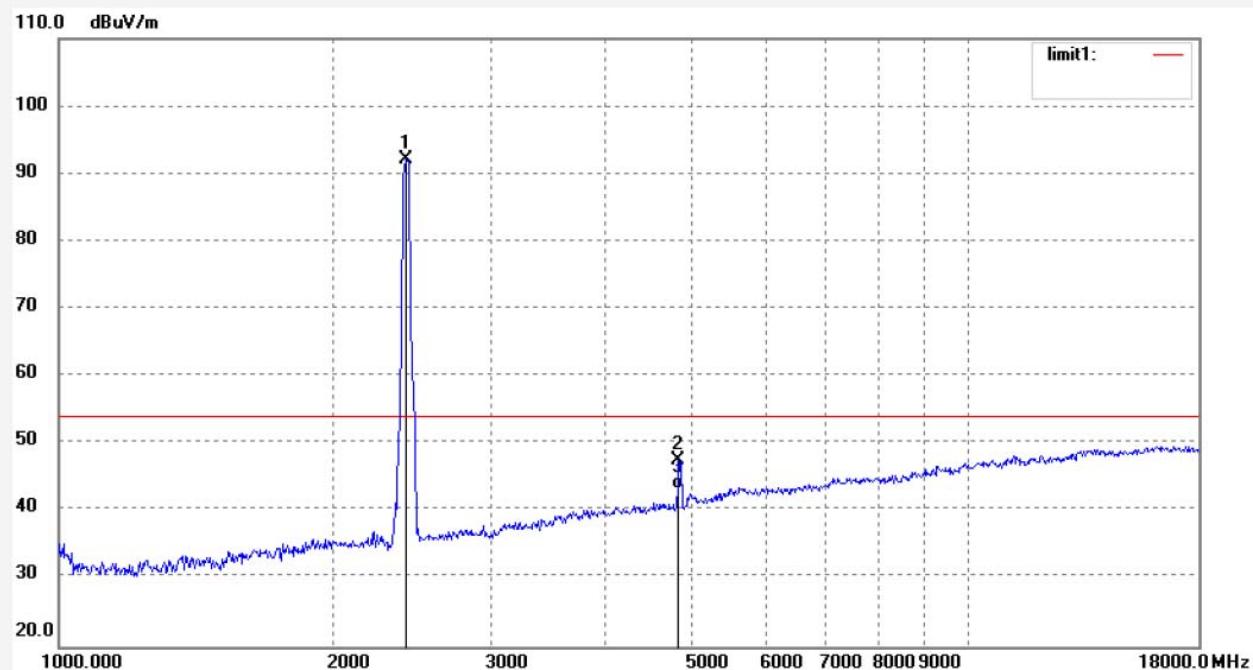
Mode: TX 2437MHz(802.11n40)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	97.83	-5.72	92.11			peak	152	109	
2	4874.042	43.94	3.67	47.61	74.00	-26.39	peak	154	37	
3	4874.042	39.51	3.67	43.18	54.00	-10.82	AVG	154	37	

Job No.: ding1 #801

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 10/38/43

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

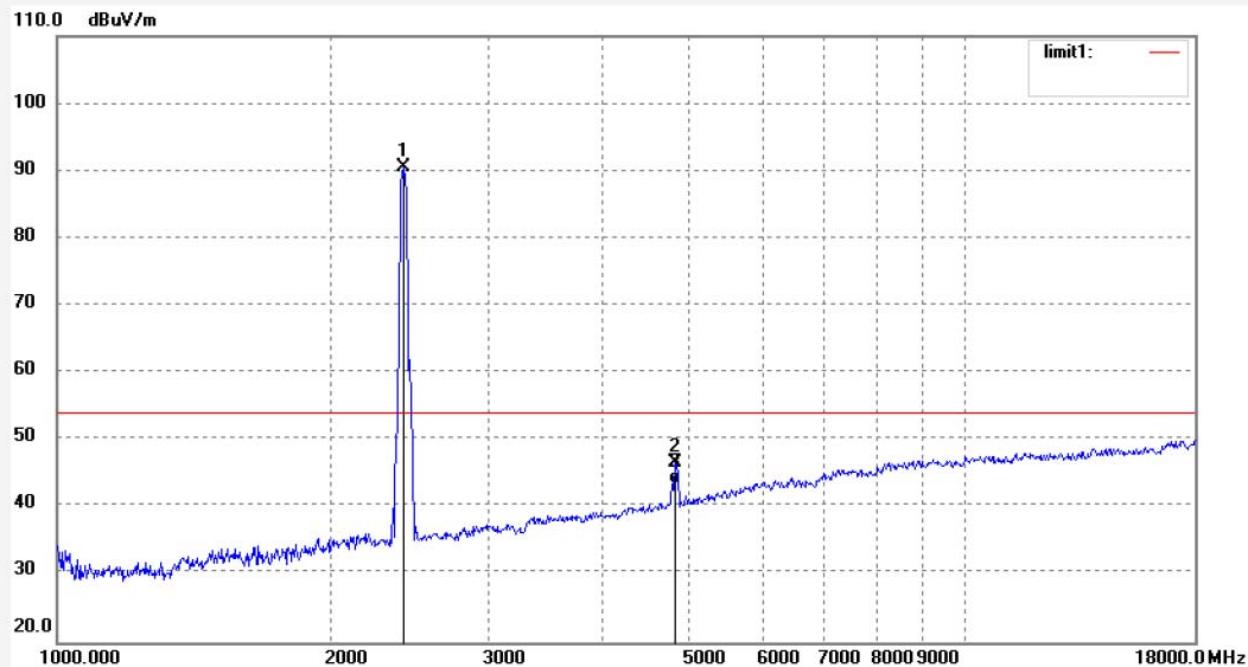
Mode: TX 2437MHz(802.11n40)

Distance: 3m

Model: S007G

Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	96.33	-5.72	90.61			peak	153	279	
2	4874.042	43.04	3.67	46.71	74.00	-27.29	peak	154	126	
3	4874.042	39.82	3.67	43.49	54.00	-10.51	AVG	154	126	

Job No.: ding1 #799

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/06/19/

Temp. (C)/Hum.(%) 25 C / 55 %

Time: 10/32/36

EUT: Smart Wifi Robotic cleaner with HD camera

Engineer Signature: DING

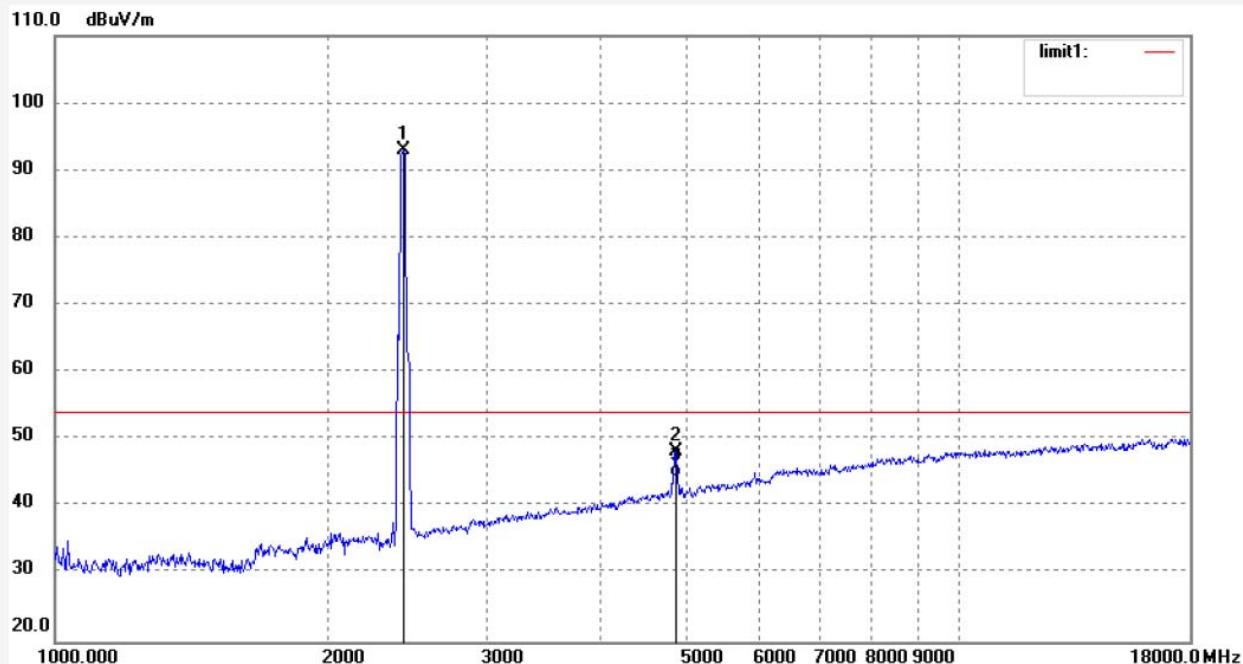
Mode: TX 2452MHz(802.11n40)

Distance: 3m

Model: S007G

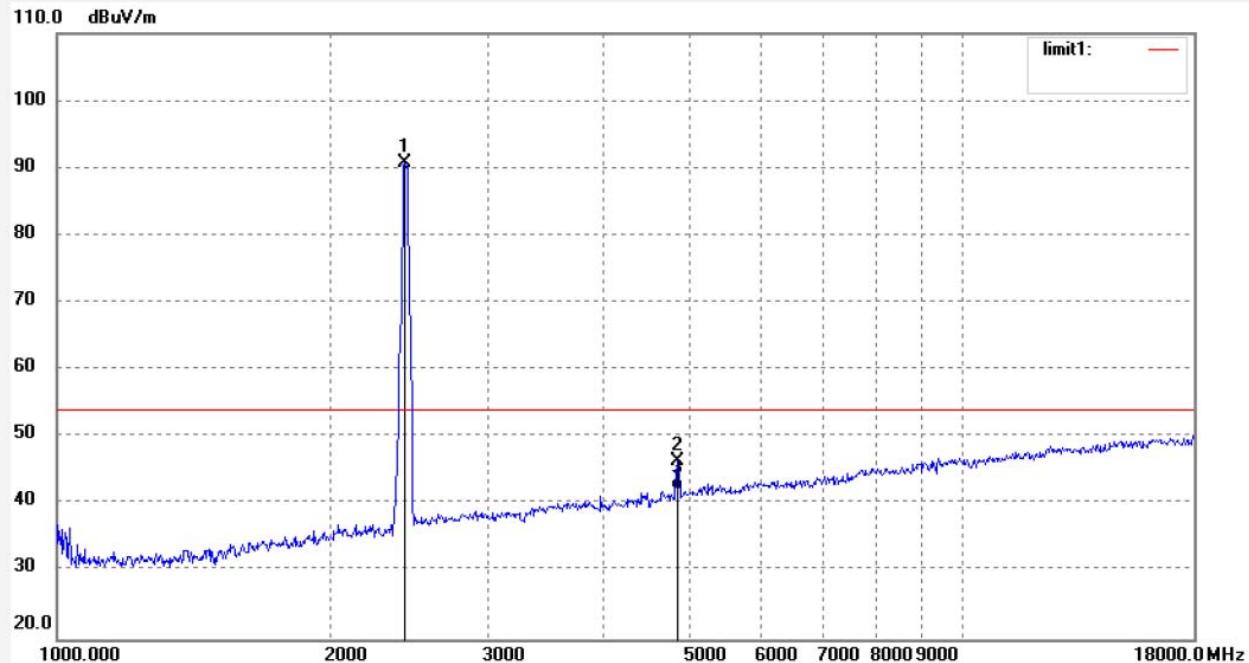
Manufacturer: DIMAO

Note: Report NO.:ATE20171108



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.024	98.60	-5.65	92.95			peak	152	289	
2	4904.048	44.20	4.06	48.26	74.00	-25.74	peak	154	46	
3	4904.048	40.39	4.06	44.45	54.00	-9.55	AVG	154	46	

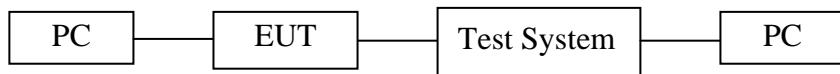
Job No.: ding1 #800	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/06/19/
Temp. (C)/Hum.(%) 25 C / 55 %	Time: 10/35/08
EUT: Smart Wifi Robotic cleaner with HD camera	Engineer Signature: DING
Mode: TX 2452MHz(802.11n40)	Distance: 3m
Model: S007G	
Manufacturer: DIMAO	
Note: Report NO.:ATE20171108	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.012	96.47	-5.69	90.78			peak	153	179	
2	4904.024	42.61	3.93	46.54	74.00	-27.46	peak	152	28	
3	4904.024	38.17	3.93	42.10	54.00	-11.90	AVG	152	28	

12.99% OCCUPIED BANDWIDTH

12.1. Block Diagram of Test Setup



12.2. EUT Configuration on Measurement

The following equipment is installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

12.3. Operating Condition of EUT

12.3.1. Setup the EUT and simulator as shown as Section 12.1.

12.3.2. Turn on the power of all equipment.

12.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

12.4. Test Procedure

12.4.1. The transmitter output was connected to the spectrum analyzer through a low loss cable. The transmitter shall be operated at its maximum carrier power measured under normal test conditions. The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts.

12.4.2. The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the occupied bandwidth (OBW) and video bandwidth (VBW) shall be approximately 3x RBW.

12.4.3. A peak, or peak hold, may be used in place of the sampling detector as this may produce a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold may be necessary to determine the occupied bandwidth if the device is not transmitting continuously.

12.4.4. Set SPA “Meas” function, Select “Occupied Bandwidth” function, Select “99% Power Bandwidth”. The frequency of the upper and lower markers indicating the edges of the transmitters “99% Power” emission bandwidth shall be recorded to automate by SPA.

12.5.Measurement Result

The test was performed with 802.11b		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2412	15.213
Middle	2437	15.263
High	2462	15.258

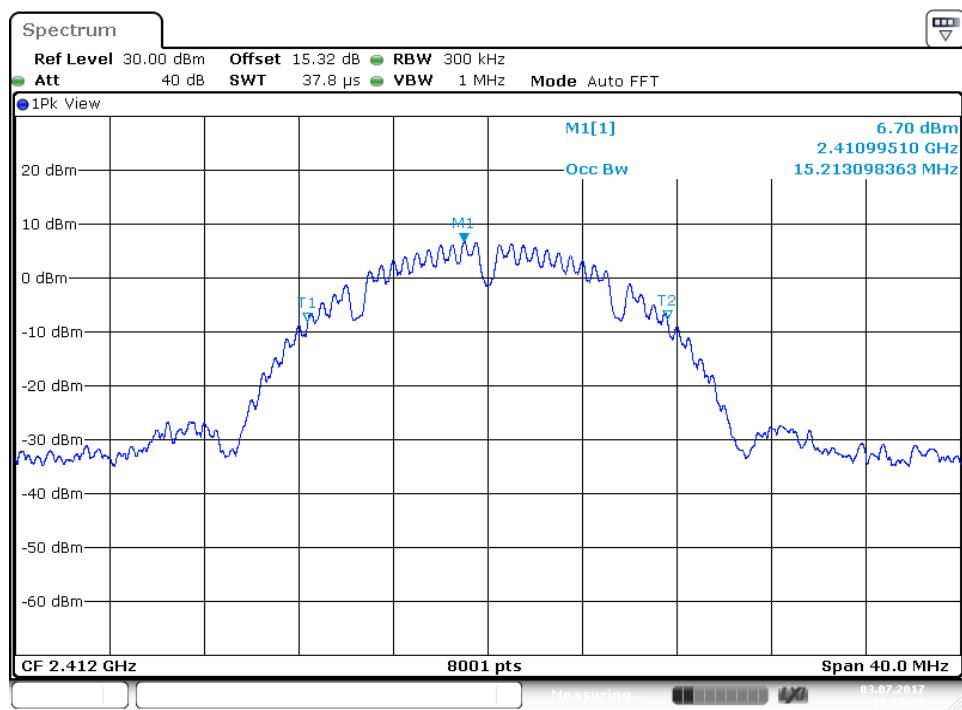
The test was performed with 802.11g		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2412	16.868
Middle	2437	16.858
High	2462	16.818

The test was performed with 802.11n (Bandwidth: 20 MHz)		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2412	18.138
Middle	2437	17.968
High	2462	18.093

The test was performed with 802.11n (Bandwidth: 40 MHz)		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2422	36.515
Middle	2437	36.545
High	2452	36.555

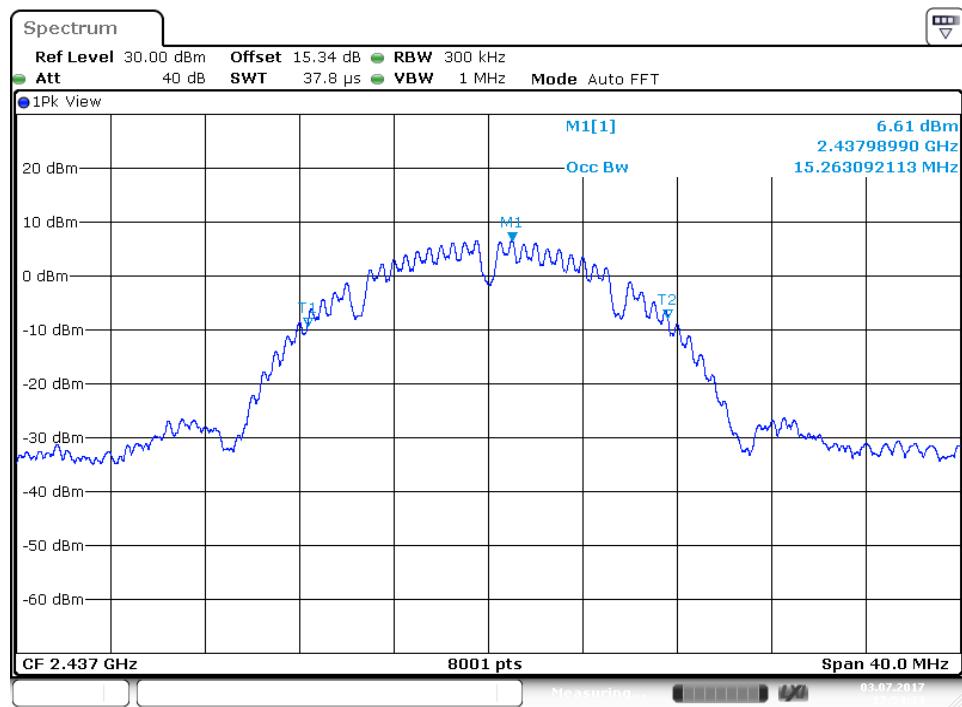
The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



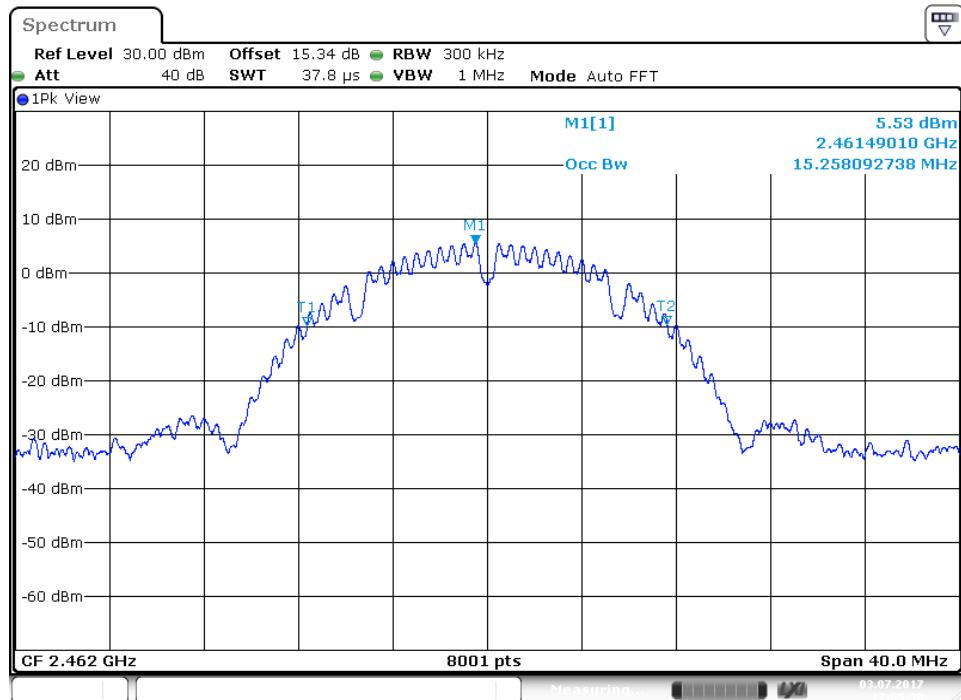
Date: 3.JUL.2017 17:53:11

802.11b Channel Middle 2437MHz



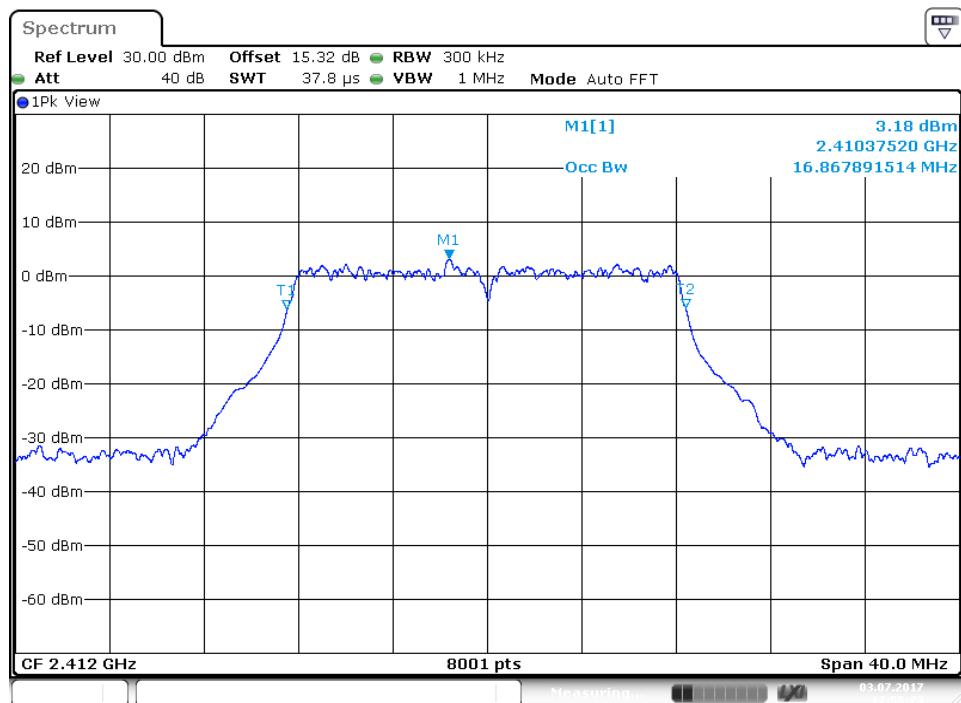
Date: 3.JUL.2017 17:54:34

802.11b Channel High 2462MHz



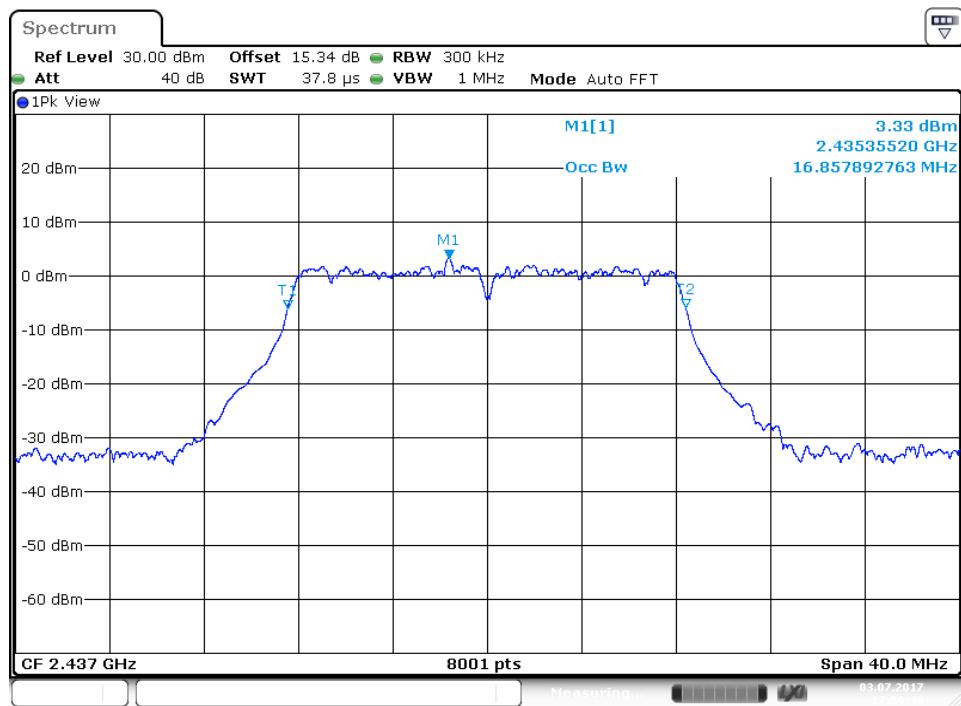
Date: 3.JUL.2017 17:55:31

802.11g Channel Low 2412MHz

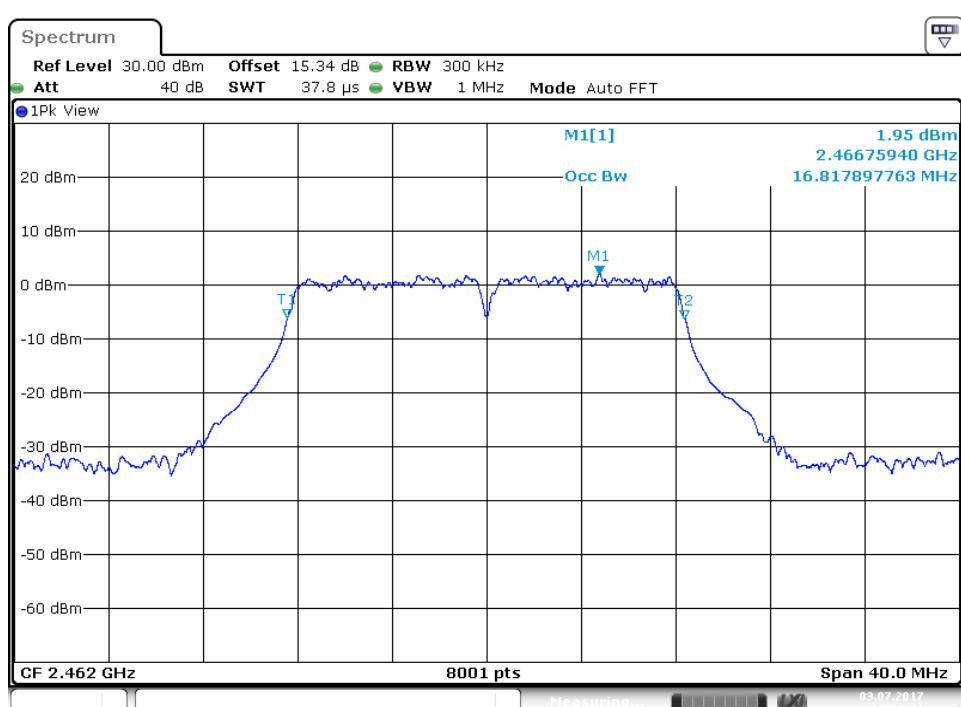


Date: 3.JUL.2017 17:58:24

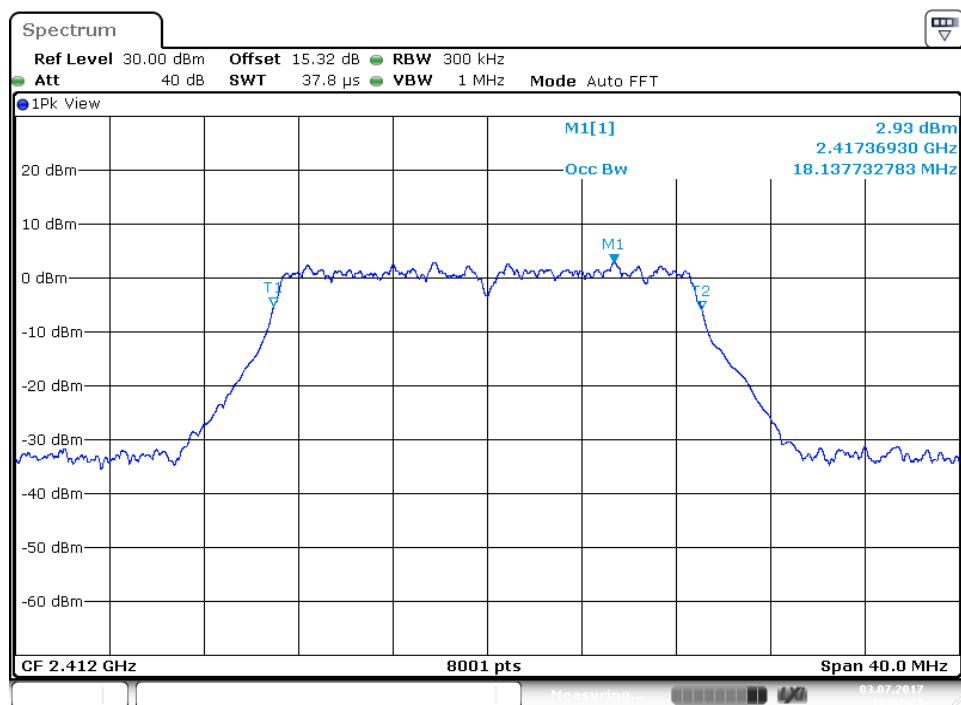
802.11g Channel Middle 2437MHz



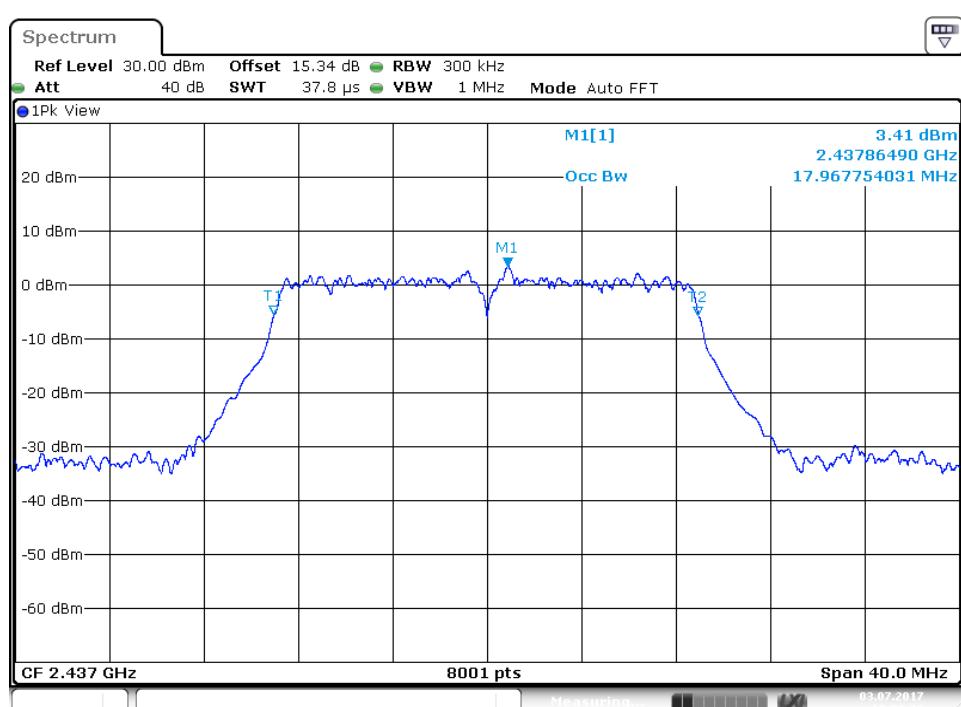
802.11g Channel High 2462MHz



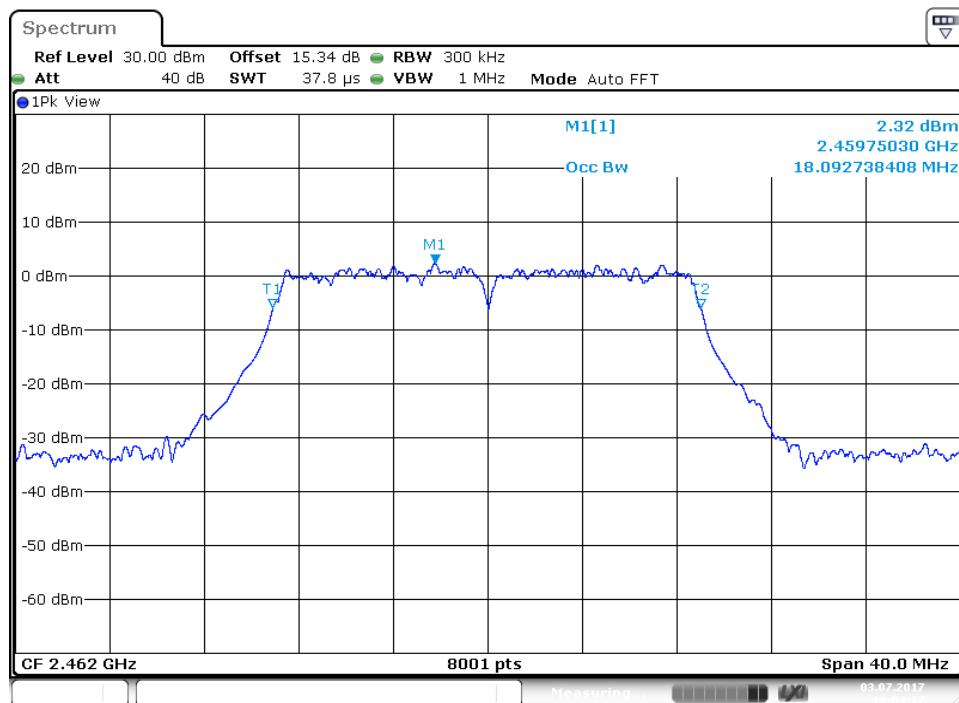
802.11n Channel Low 2412MHz (20MHz)



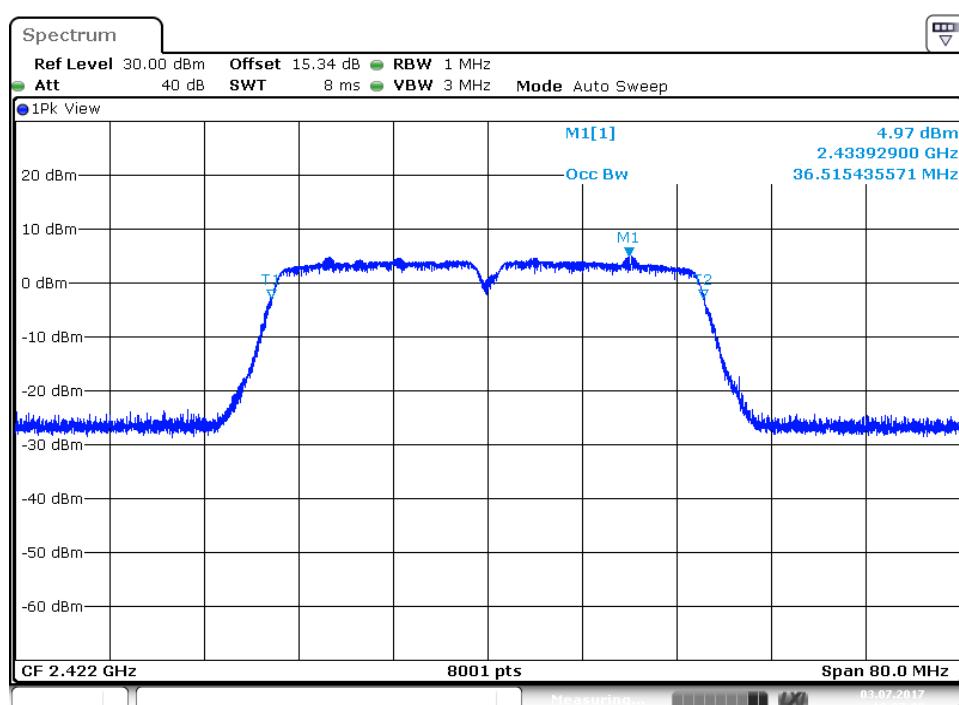
802.11n Channel Middle 2437MHz(20MHz)



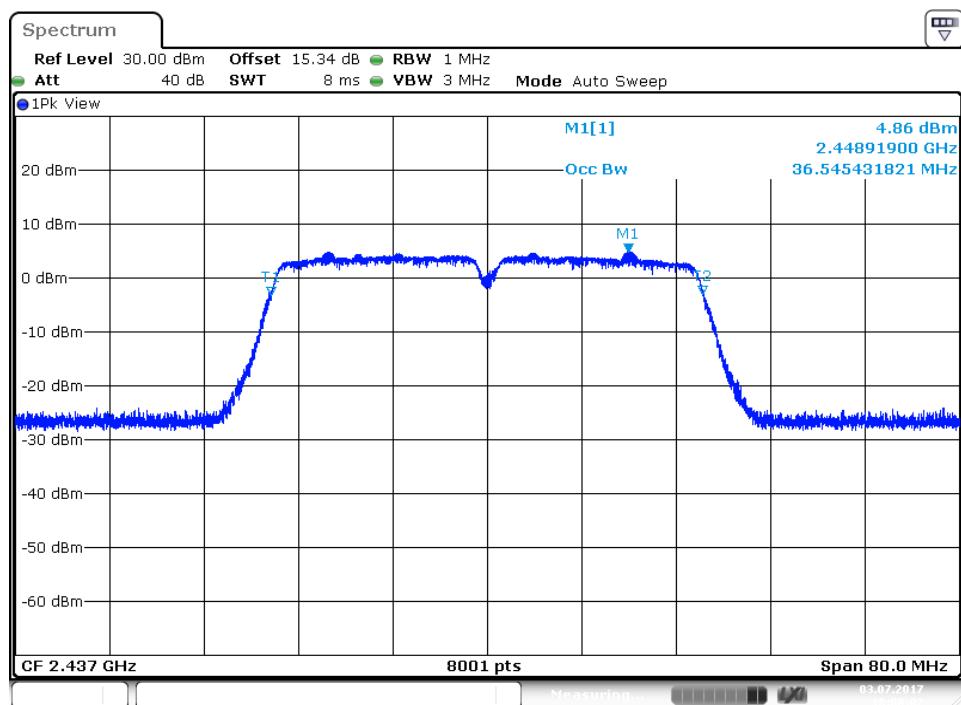
802.11n Channel High 2462MHz(20MHz)



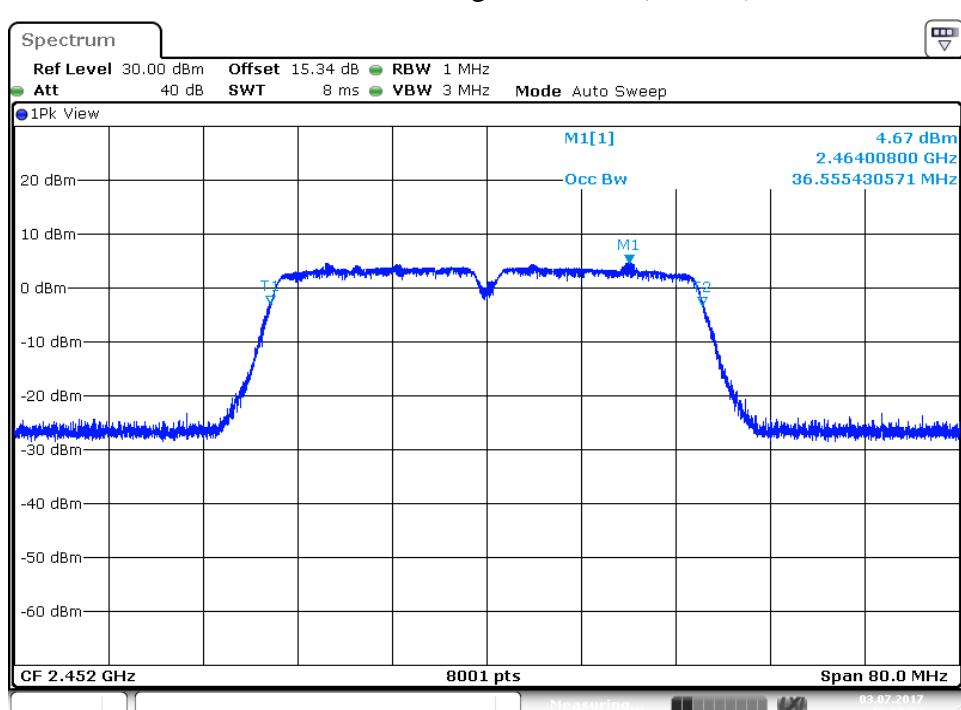
802.11n Channel Low 2422MHz (40MHz)



802.11n Channel Middle 2437MHz(40MHz)



802.11n Channel High 2452MHz(40MHz)



13. ANTENNA REQUIREMENT

13.1. The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

13.2. Antenna Construction

Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Antenna gain of EUT is 5dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.

