9.6.Test Result

The test was performed with 802.11b						
Channel	Frequency (MHz)	Ave output power ANT 1(dBm)	Ave output power ANT 2 (dBm)	Ave output power ANT 1(mW)	Ave output power ANT 2 (mW)	Limits dBm / W
Low	2412	7.20	7.37	5.248	5.458	30 dBm / 1 W
Middle	2437	7.52	7.53	5.649	5.662	30 dBm / 1 W
High	2462	7.19	7.27	5.236	5.333	30 dBm / 1 W

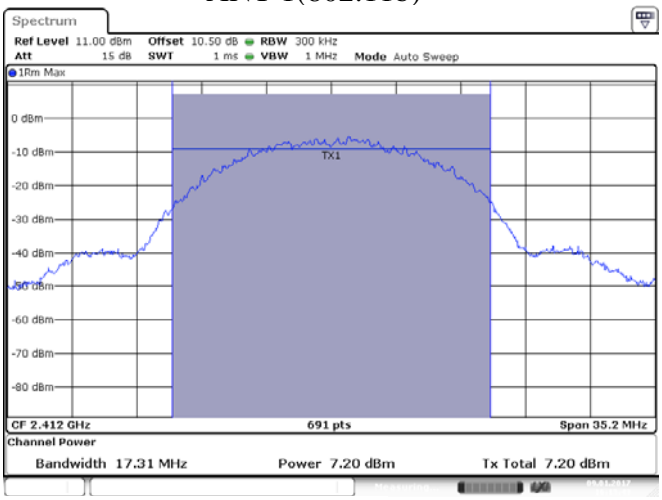
The test was performed with 802.11g						
Channel	Frequency (MHz)	Ave output power ANT 1(dBm)	Ave output power ANT 2 (dBm)	Ave output power ANT 1(mW)	Ave output power ANT 2 (mW)	Limits dBm / W
Low	2412	5.43	5.52	3.491	2.831	30 dBm / 1 W
Middle	2437	6.00	6.10	3.981	4.074	30 dBm / 1 W
High	2462	5.73	5.73	3.471	3.471	30 dBm / 1 W

The test was performed with 802.11n20						
Channel	Frequency (MHz)	Ave output power ANT 1(dBm)	Ave output power ANT 2 (dBm)	Ave output Total power (dBm)	Ave output Total power (mW)	Limits dBm / W
Low	2412	4.63	4.69	7.67	5.848	30 dBm / 1 W
Middle	2437	5.19	5.30	8.30	6.692	30 dBm / 1 W
High	2462	4.96	4.94	7.96	6.252	30 dBm / 1 W

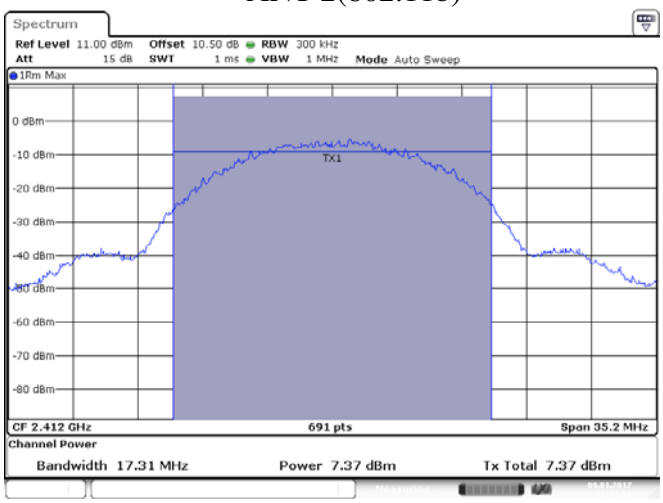
The test was performed with 802.11n40						
Channel	Frequency (MHz)	Ave output power ANT 1(dBm)	Ave output power ANT 2 (dBm)	Ave output Total power (dBm)	Ave output Total power (mW)	Limits dBm / W
Low	2422	3.99	4.04	7.03	5.041	30 dBm / 1 W
Middle	2437	4.28	4.30	7.30	5.371	30 dBm / 1 W
High	2452	4.53	4.48	7.52	5.643	30 dBm / 1 W

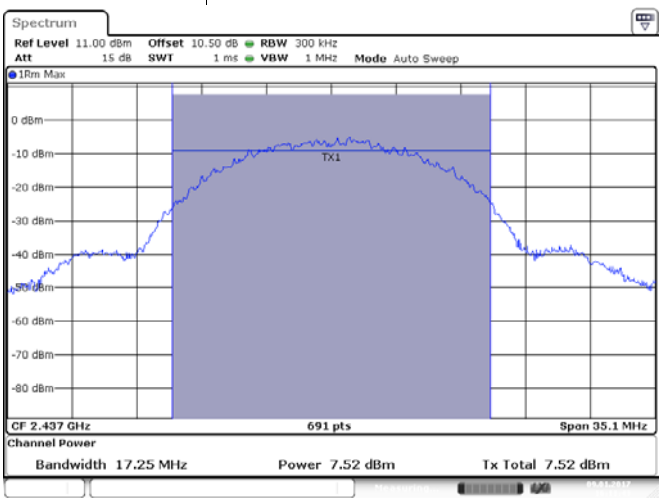
The spectrum analyzer plots are attached as below.

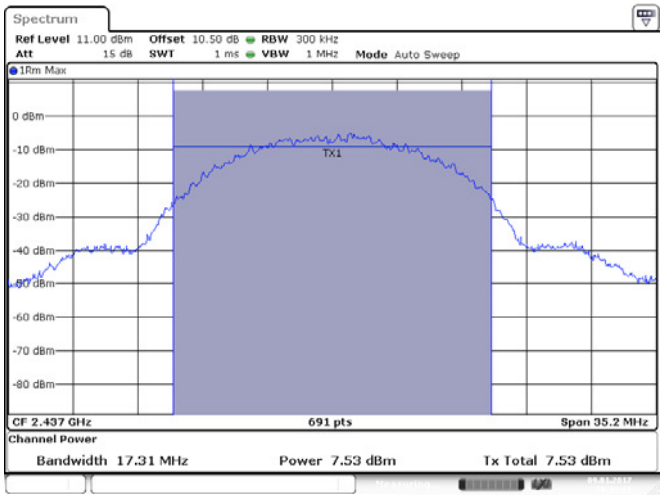
ANT 1(802.11b)

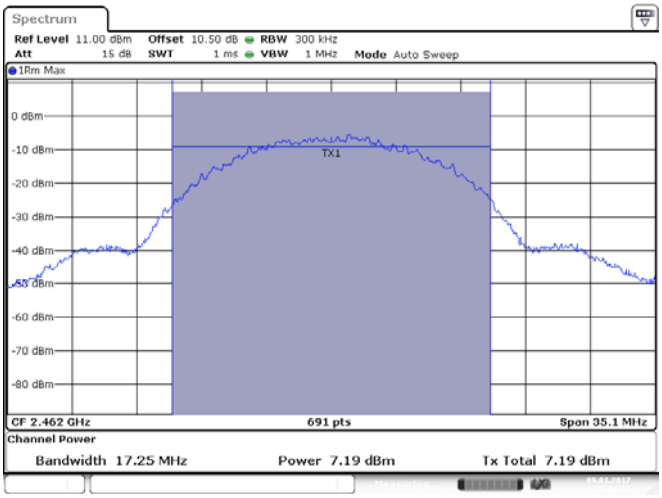


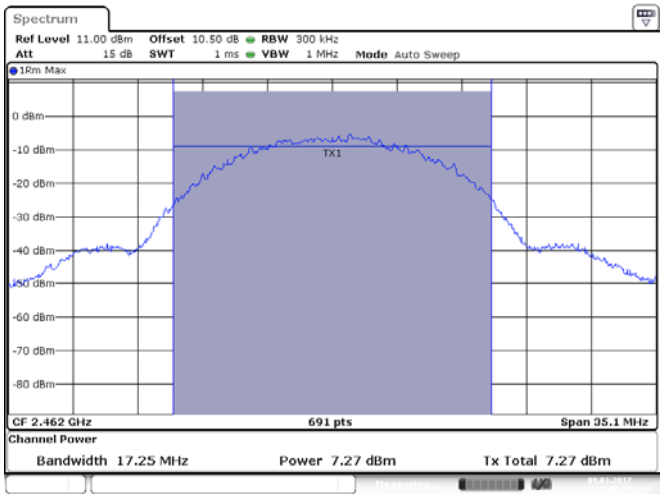
ANT 2(802.11b)



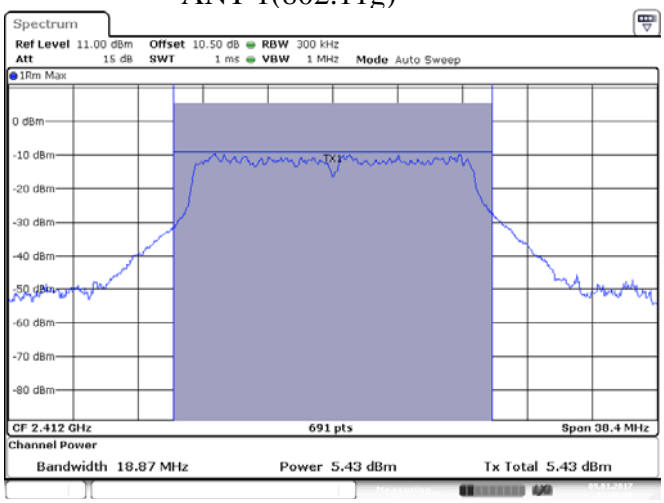




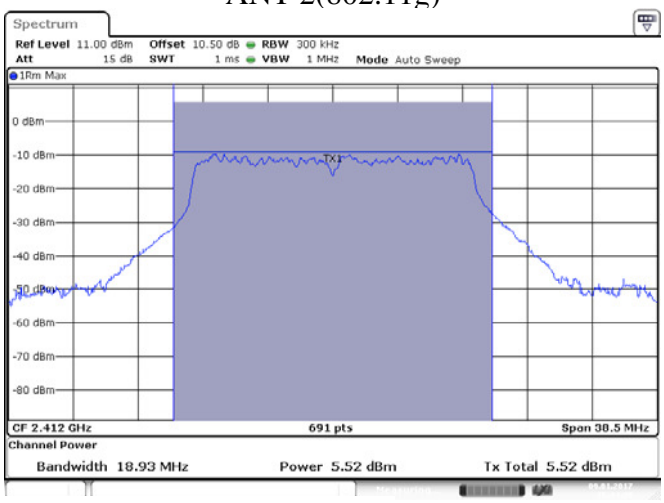


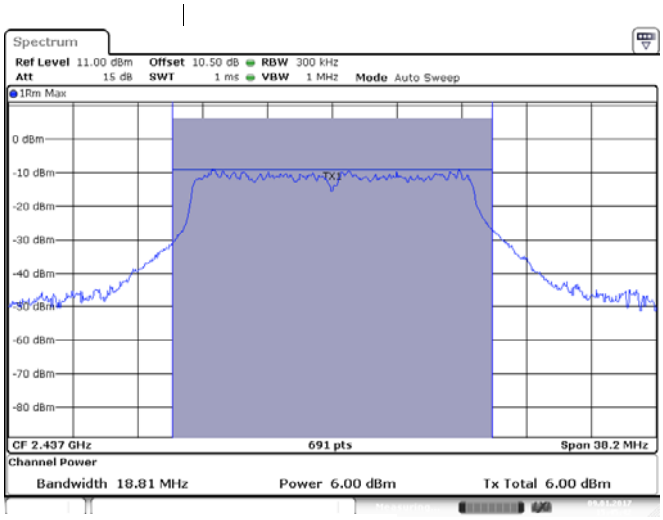


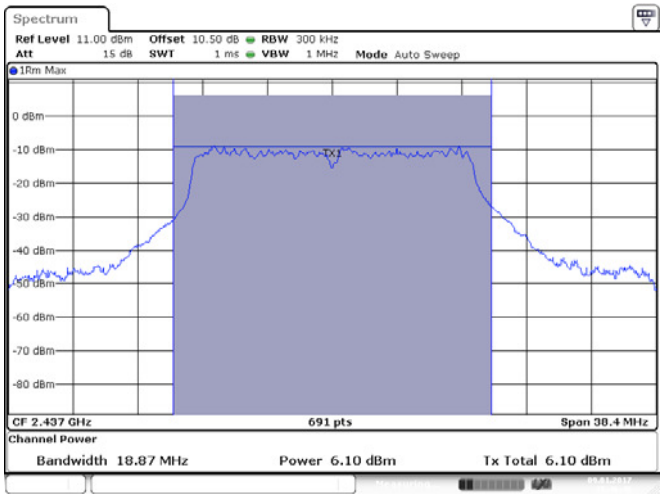
ANT 1(802.11g)

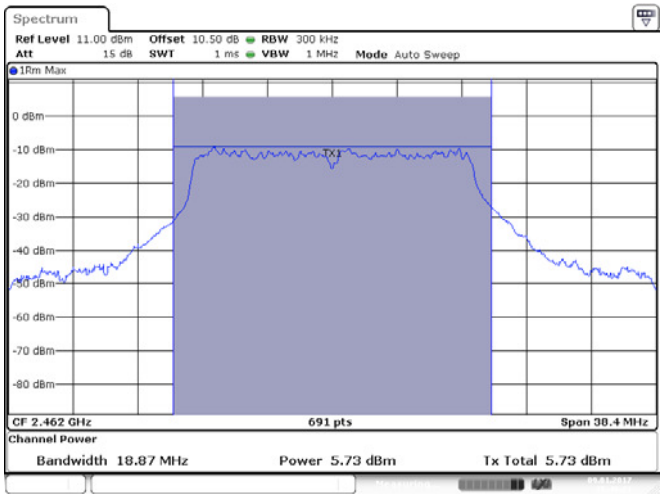


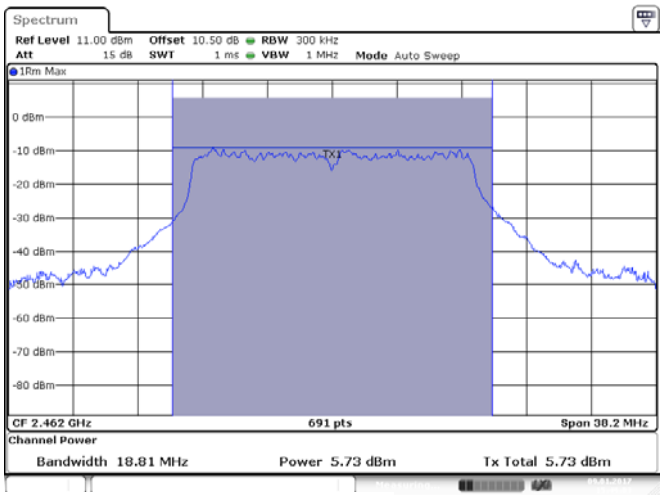
ANT 2(802.11g)



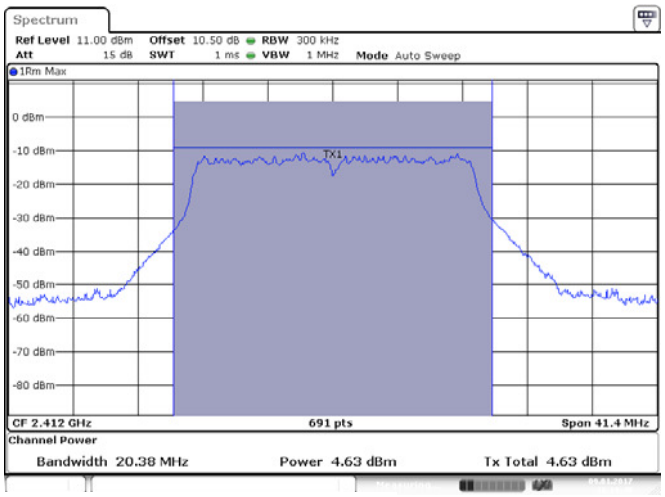




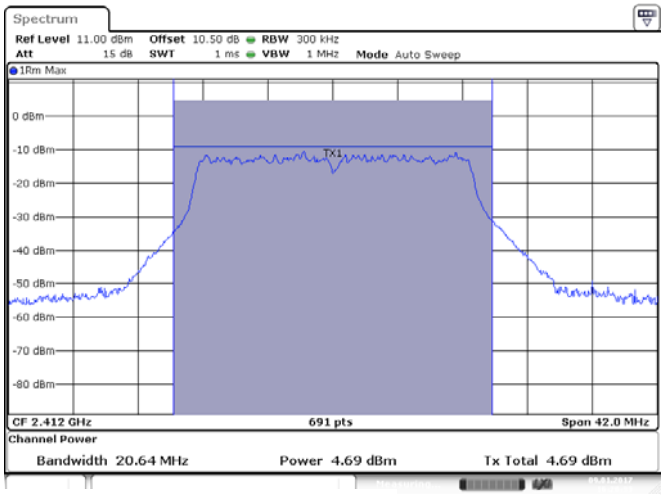


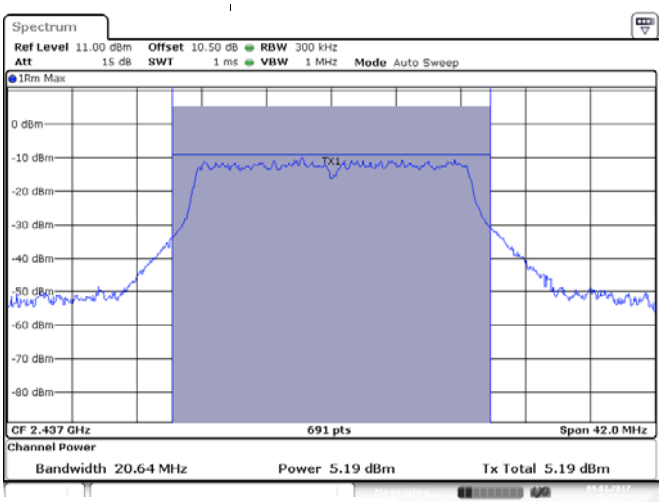


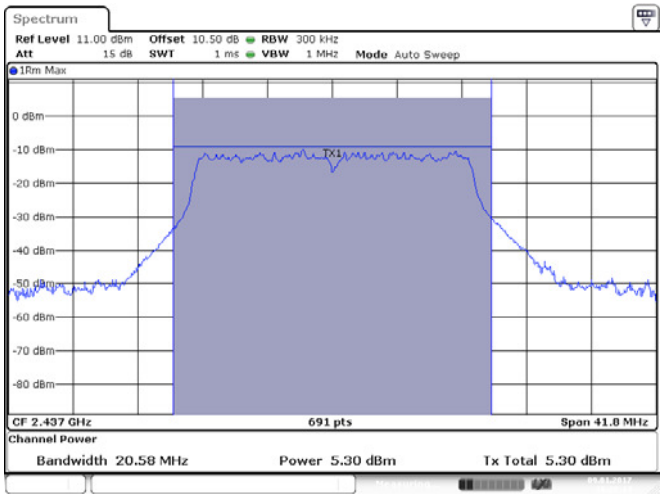
ANT 1(802.11n20)

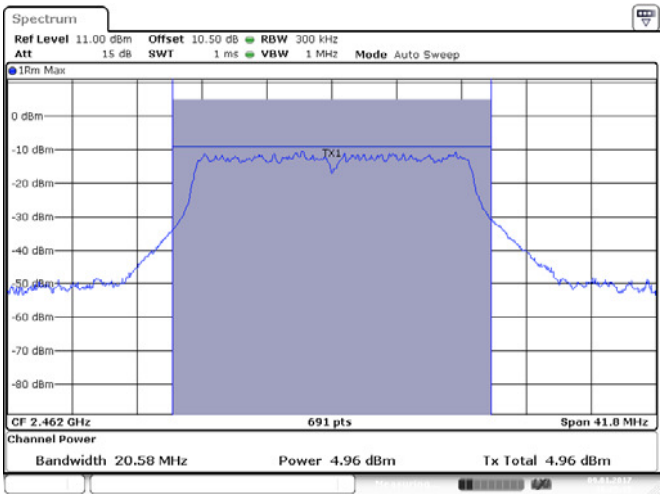


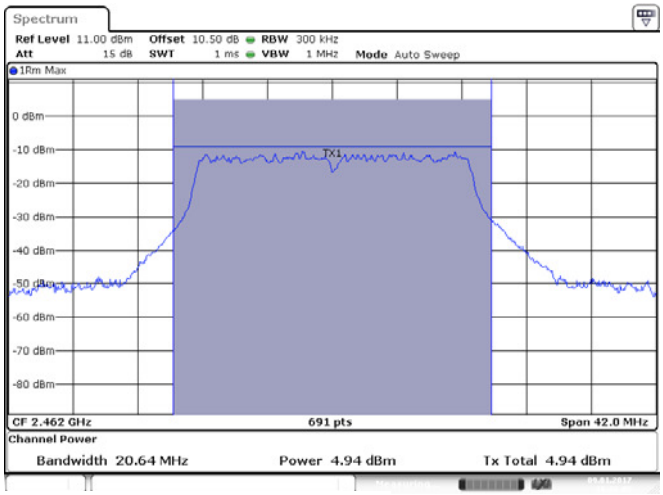
ANT 2(802.11 n20)



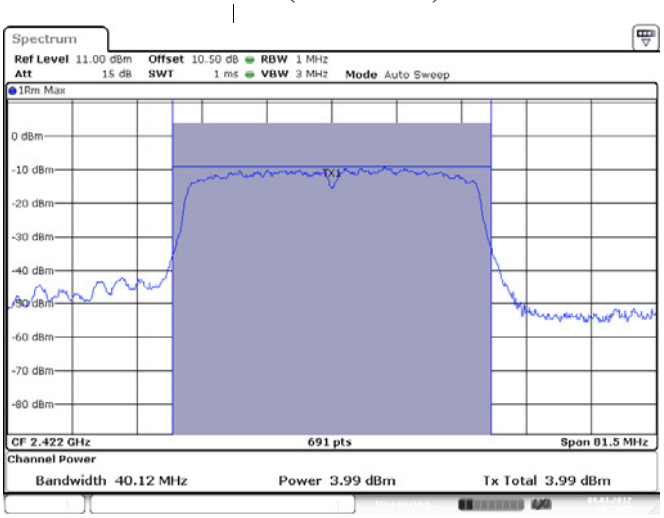




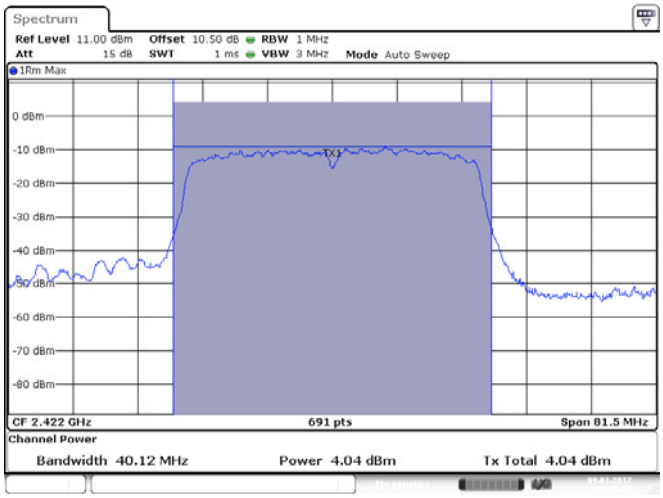


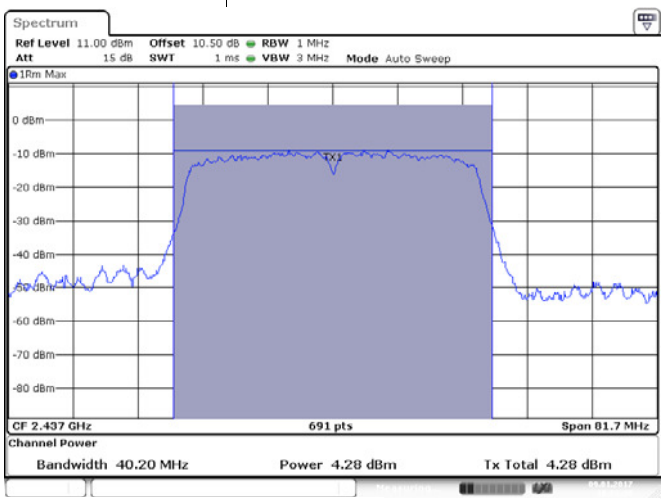


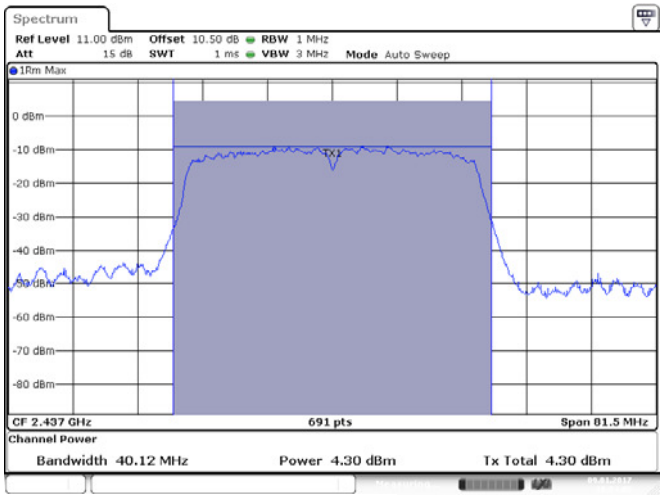
ANT 1(802.11n40)

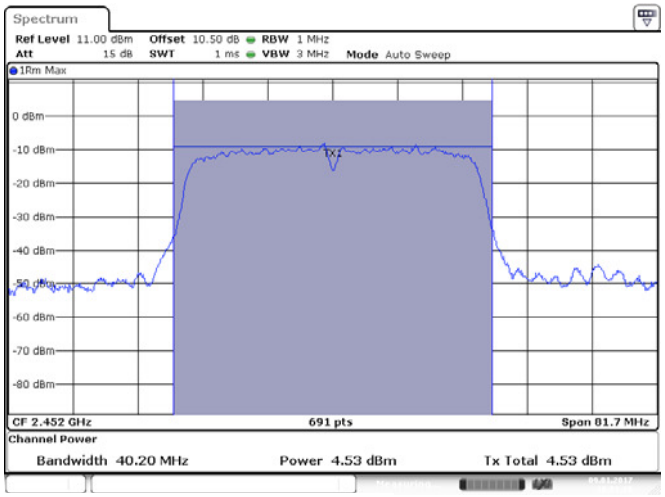


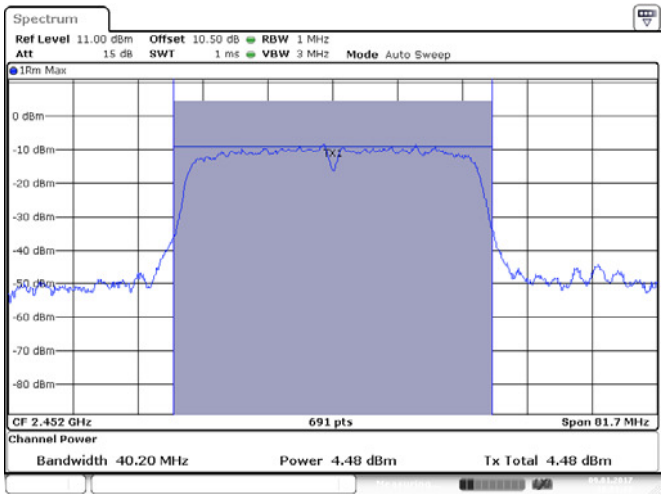
ANT 2(802.11n40)











10. RADIATED SPURIOUS EMISSION TEST

10.1. Block Diagram of Test Setup

10.1.1. Block diagram of connection between the EUT and peripherals

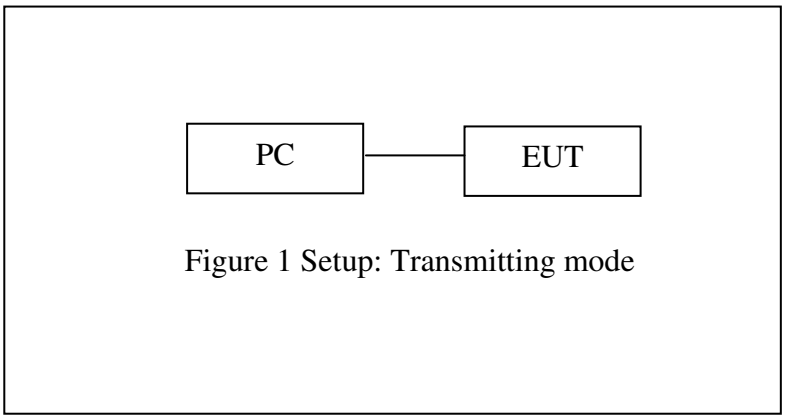
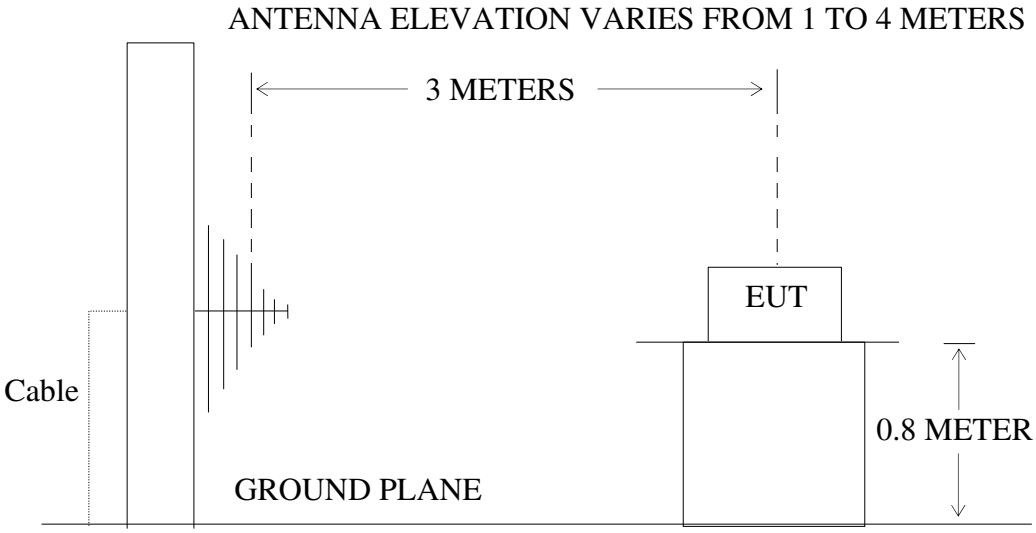


Figure 1 Setup: Transmitting mode

10.1.2. Semi-Anechoic Chamber Test Setup Diagram



10.2. The Limit For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the

general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

10.3.Restricted bands of operation

10.3.1.FCC Part 15.205 Restricted bands of operation

(a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1]Until February 1, 1999, this restricted band shall be 0.490-0.510
[2]Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

10.4.Configuration of EUT on Measurement

The equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

10.5. Operating Condition of EUT

10.5.1. Setup the EUT and simulator as shown as Section 9.1.

10.5.2. Turn on the power of all equipment.

10.5.3. 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.

10.6. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground(Below 1GHz). The EUT and its simulators are placed on a turntable, which is 1.5 meter high above ground(Above 1GHz). The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bi-log antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the EUT location must be manipulated according to ANSI C63.10:2013 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The worst-case data rate for this channel to be 1Mbps for 802.11b mode and 6Mbps for 802.11g mode and 150Mbps for 802.11n mode, based on previous with 802.11 WLAN product design architectures.

The frequency range from 30MHz to 25000MHz is checked.
Result = Reading + Corrected Factor
Where Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain
During the radiated emission test, the spectrum analyzer was set with the following configurations:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

10.7.The Field Strength of Radiation Emission Measurement Results

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.

4. The EUT is tested radiation emission at each test mode (802.11b/g/n) in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions(the dual antenna emission mode) are reflected in the following plots.

5. The radiation emissions from 18-25GHz are not reported, because the test values lower than the limits of 20dB
6. The average measurement was not performed when peak measured data under the limit of average detection.

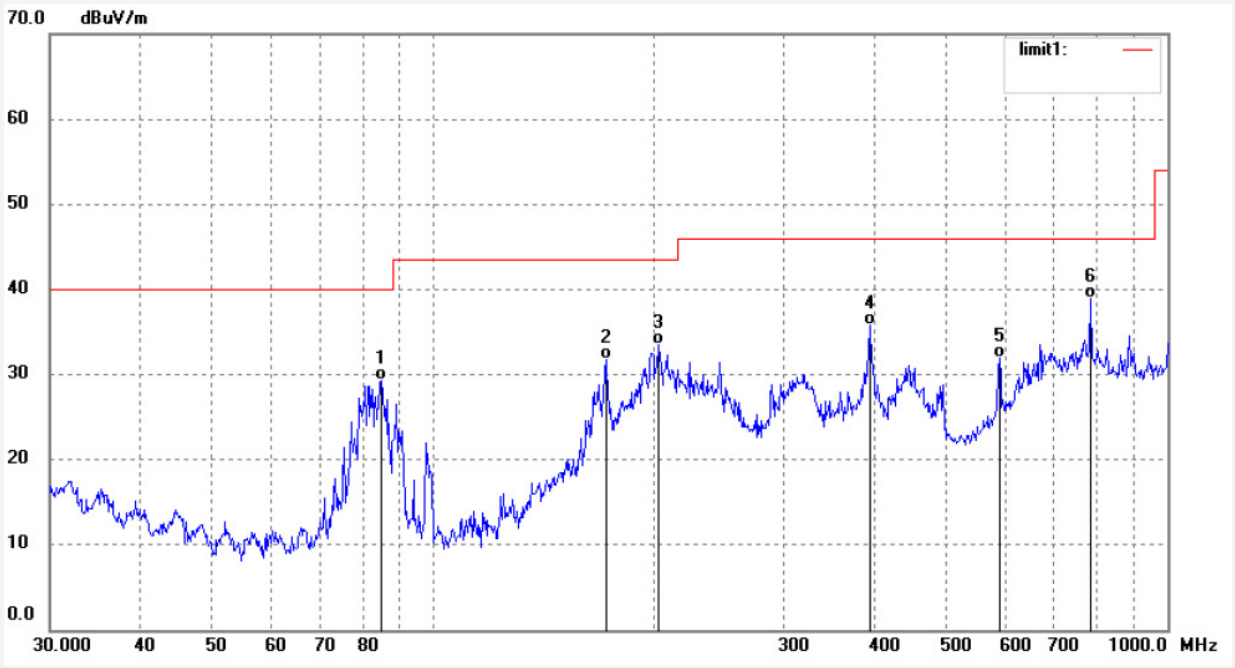
Below 1G

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: DING11 #314
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2412MHz(802.11b)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 16/11/22/
Time: 9/43/09
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354

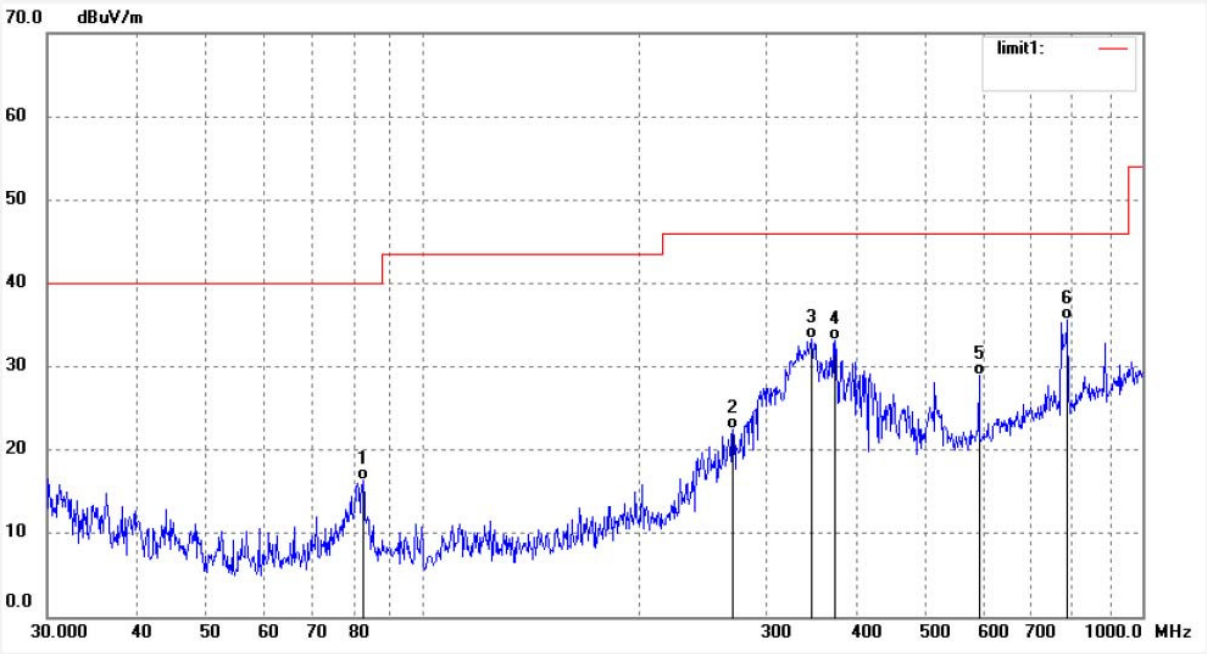


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	84.8782	51.28	-21.97	29.31	40.00	-10.69	QP			
2	171.9921	52.34	-20.50	31.84	43.50	-11.66	QP			
3	202.8745	51.99	-18.56	33.43	43.50	-10.07	QP			
4	392.7375	48.81	-13.10	35.71	46.00	-10.29	QP			
5	590.3510	40.49	-8.63	31.86	46.00	-14.14	QP			
6	784.7128	43.41	-4.45	38.96	46.00	-7.04	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: DING11 #315	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 16/11/22/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/43/30
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2412MHz(802.11b)	Distance: 3m
Model: SSM-F200	
Manufacturer: MAYA	

Note: Report NO:ATE20162354

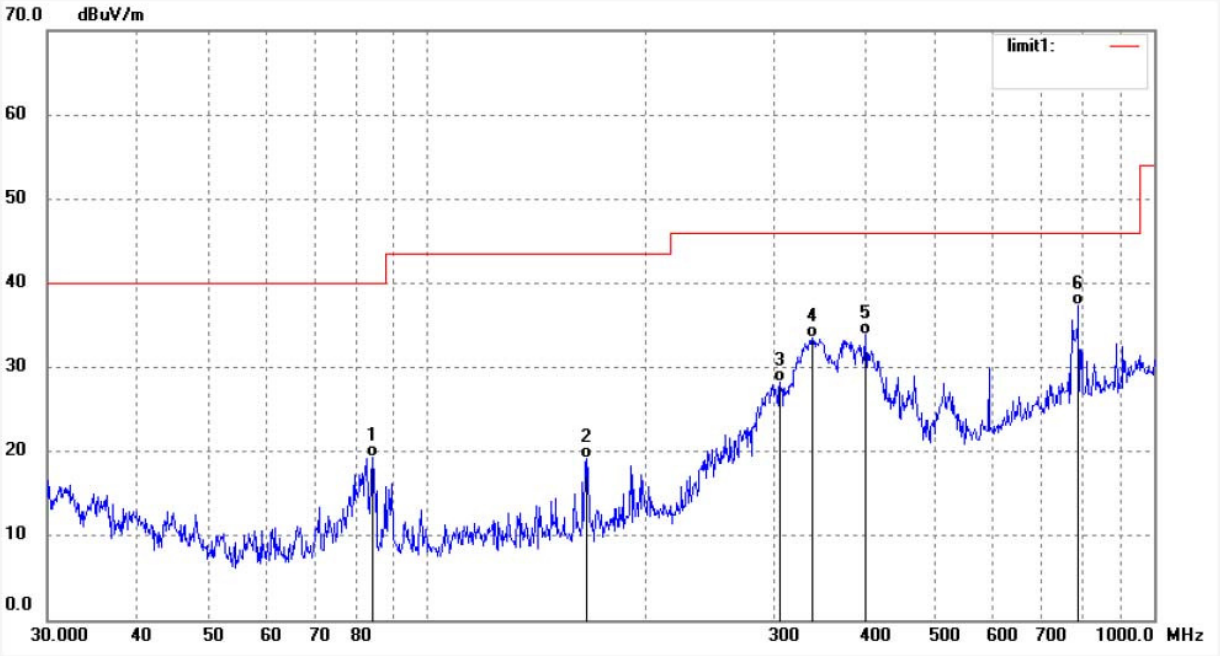


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	82.5257	38.35	-21.99	16.36	40.00	-23.64	QP			
2	269.6669	39.50	-17.07	22.43	46.00	-23.57	QP			
3	347.2921	47.24	-13.92	33.32	46.00	-12.68	QP			
4	373.8861	46.37	-13.29	33.08	46.00	-12.92	QP			
5	592.4289	37.57	-8.59	28.98	46.00	-17.02	QP			
6	787.4749	40.03	-4.40	35.63	46.00	-10.37	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: DING11 #316	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 16/11/22/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/43/56
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2437MHz(802.11b)	Distance: 3m
Model: SSM-F200	
Manufacturer: MAYA	

Note: Report NO:ATE20162354

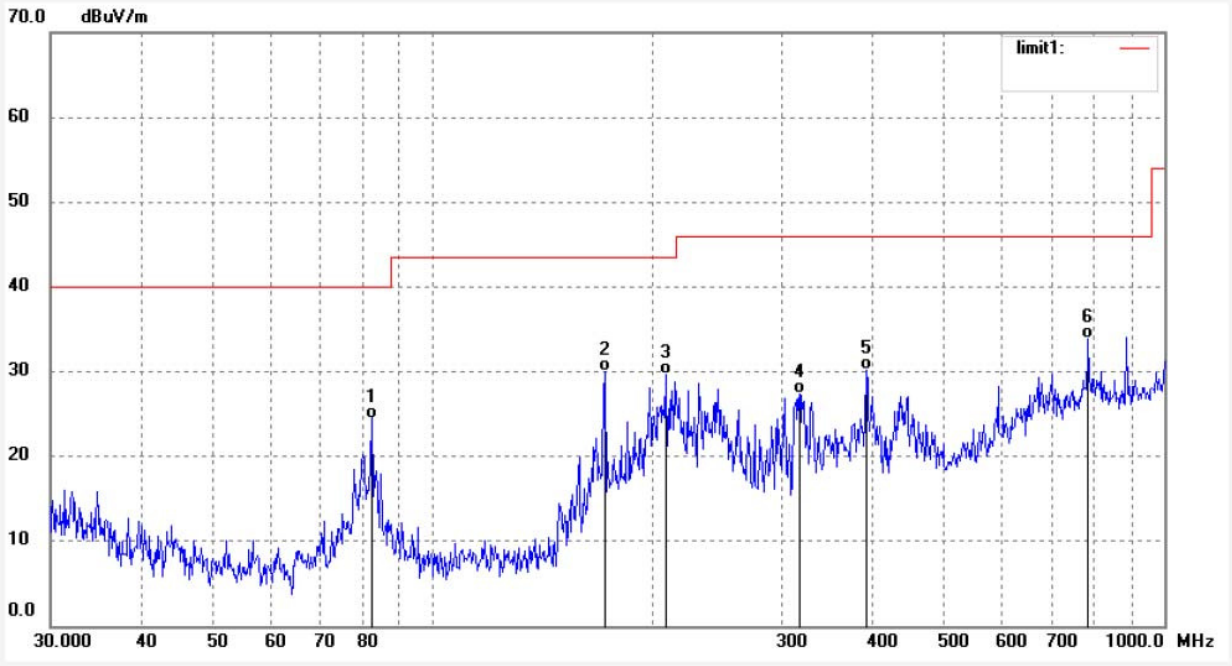


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	83.9882	41.28	-21.98	19.30	40.00	-20.70	QP			
2	165.4715	39.87	-20.78	19.09	43.50	-24.41	QP			
3	306.0282	43.86	-15.54	28.32	46.00	-17.68	QP			
4	338.8546	47.77	-14.29	33.48	46.00	-12.52	QP			
5	401.1050	46.94	-13.00	33.94	46.00	-12.06	QP			
6	787.4749	41.84	-4.40	37.44	46.00	-8.56	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: DING11 #317	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 16/11/22/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/44/17
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2437MHz(802.11b)	Distance: 3m
Model: SSM-F200	
Manufacturer: MAYA	

Note: Report NO:ATE20162354



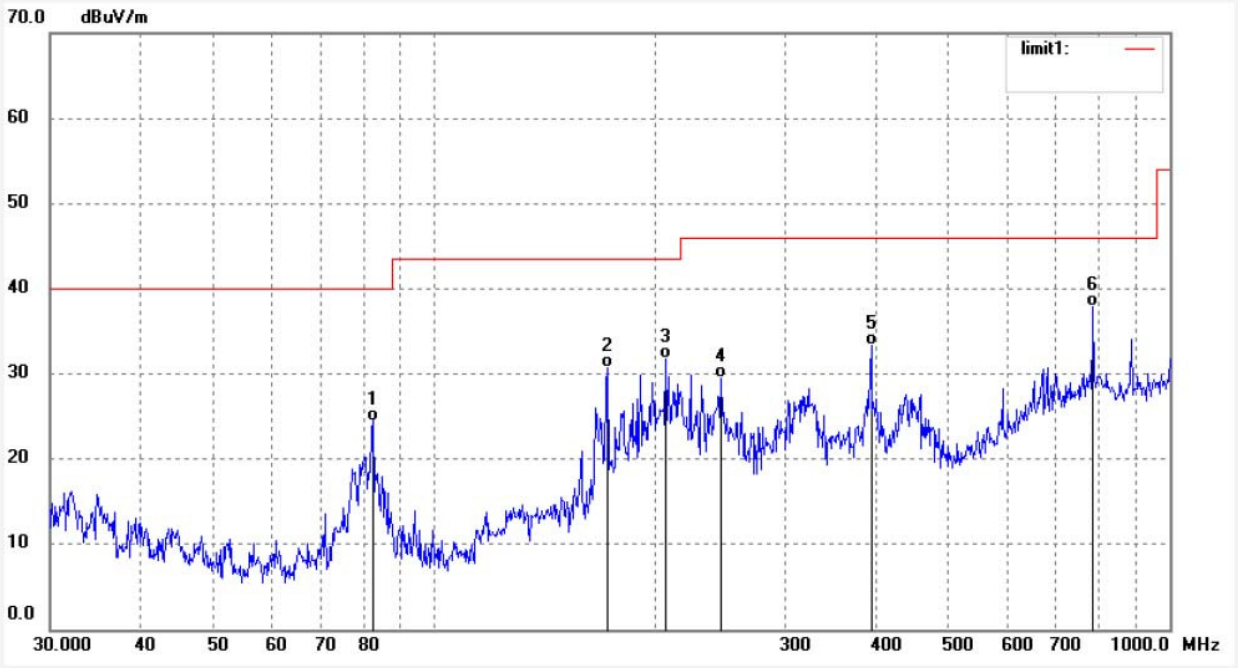
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	82.5257	46.49	-21.99	24.50	40.00	-15.50	QP			
2	171.9921	50.55	-20.50	30.05	43.50	-13.45	QP			
3	207.9260	48.11	-18.47	29.64	43.50	-13.86	QP			
4	316.9717	42.56	-15.24	27.32	46.00	-18.68	QP			
5	391.3599	43.34	-13.12	30.22	46.00	-15.78	QP			
6	787.4749	38.20	-4.40	33.80	46.00	-12.20	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: DING11 #318
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2462MHz(802.11b)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 16/11/22/
Time: 9/44/26
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354

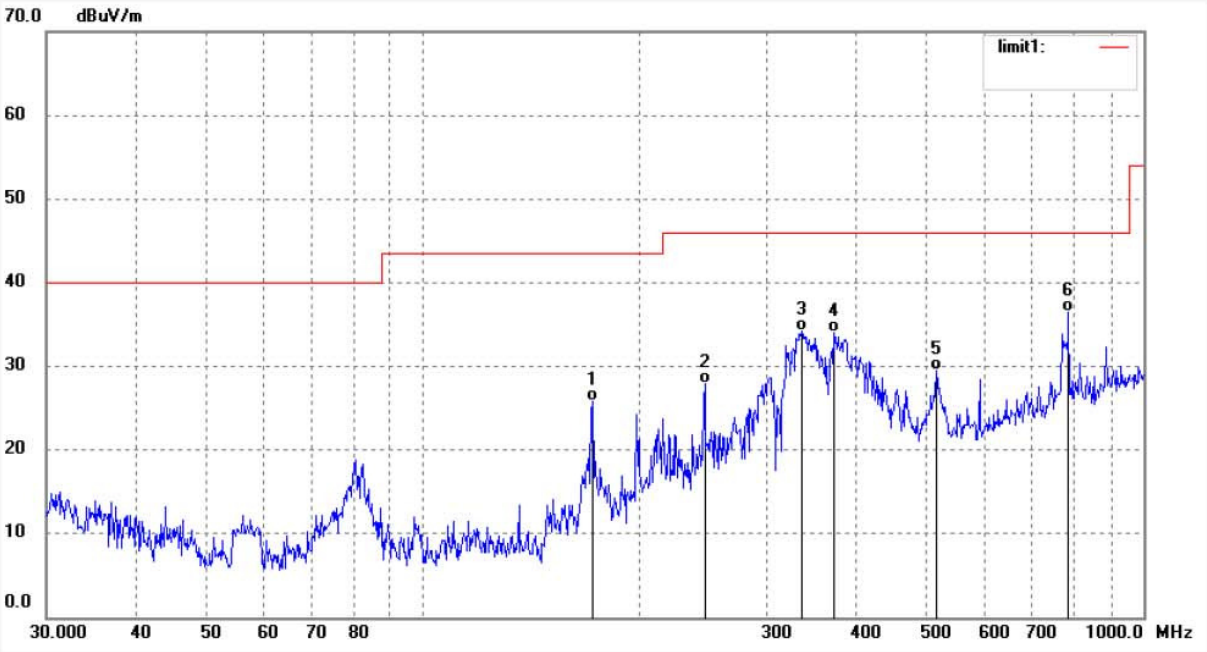


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	82.5257	46.49	-21.99	24.50	40.00	-15.50	QP			
2	171.9921	51.22	-20.50	30.72	43.50	-12.78	QP			
3	206.4701	50.23	-18.47	31.76	43.50	-11.74	QP			
4	245.2606	47.57	-18.15	29.42	46.00	-16.58	QP			
5	392.7375	46.40	-13.10	33.30	46.00	-12.70	QP			
6	787.4749	42.23	-4.40	37.83	46.00	-8.17	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: DING11 #319	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 16/11/22/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/47/40
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2462MHz(802.11b)	Distance: 3m
Model: SSM-F200	
Manufacturer: MAYA	

Note: Report NO:ATE20162354



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	171.9920	46.32	-20.50	25.82	43.50	-17.68	QP			
2	246.1237	46.03	-18.15	27.88	46.00	-18.12	QP			
3	335.3016	48.58	-14.38	34.20	46.00	-11.80	QP			
4	371.2678	47.35	-13.33	34.02	46.00	-11.98	QP			
5	516.5651	40.07	-10.50	29.57	46.00	-16.43	QP			
6	787.4749	40.94	-4.40	36.54	46.00	-9.46	QP			

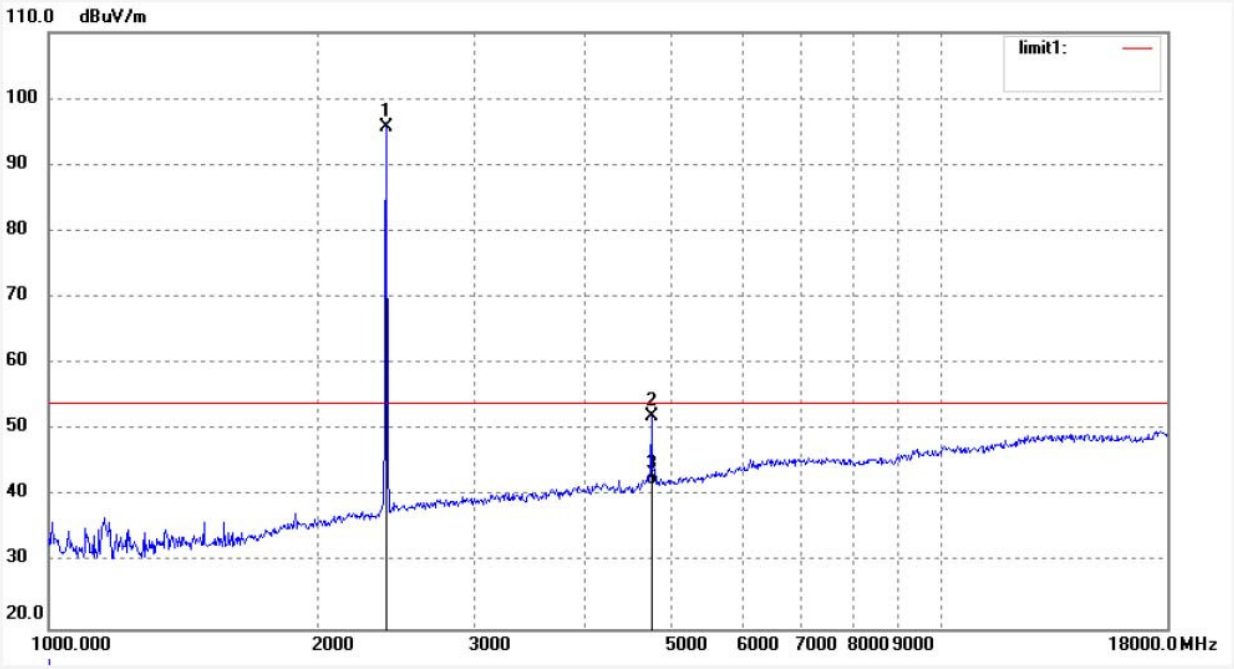
Above 1G

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #328
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2412MHz(802.11b)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 2016/11/29
Time: 0:40:11
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



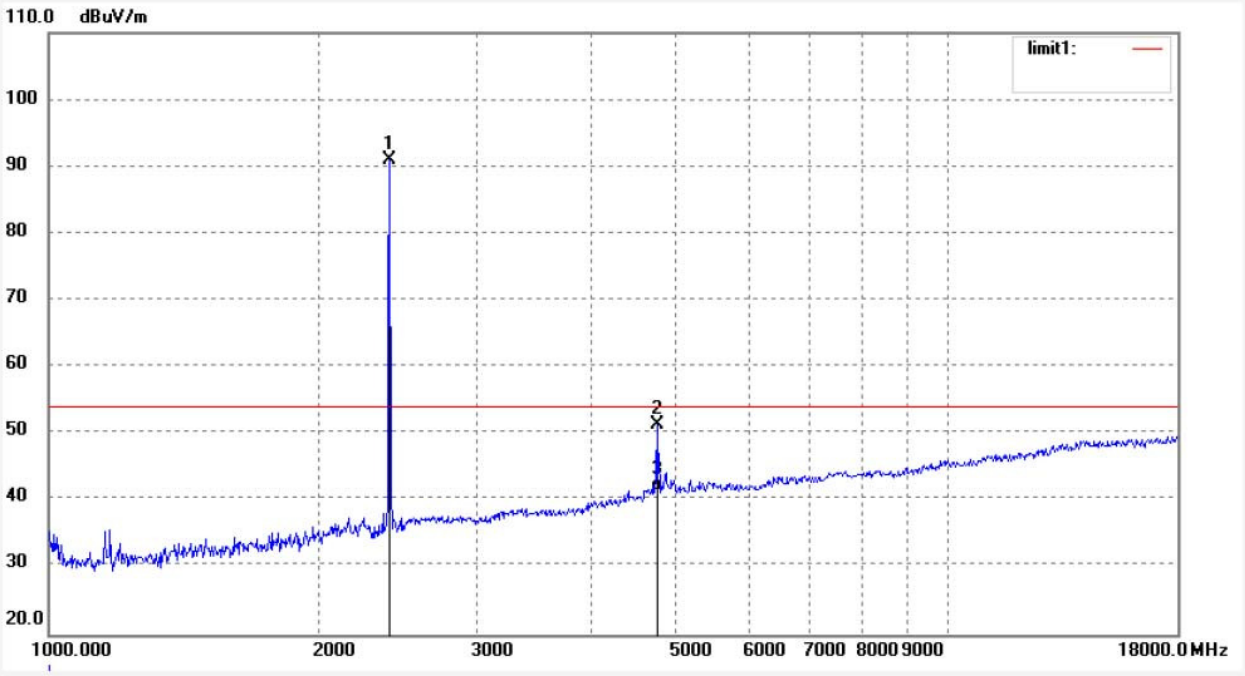
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	101.55	-5.84	95.71			peak			
2	4825.751	48.94	3.23	52.17	74.00	-21.83	peak			
3	4825.751	38.56	3.23	41.79	54.00	-12.21	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #329
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2412MHz(802.11b)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Vertical
Power Source: DC 5V
Date: 2016/11/29
Time: 0:42:22
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



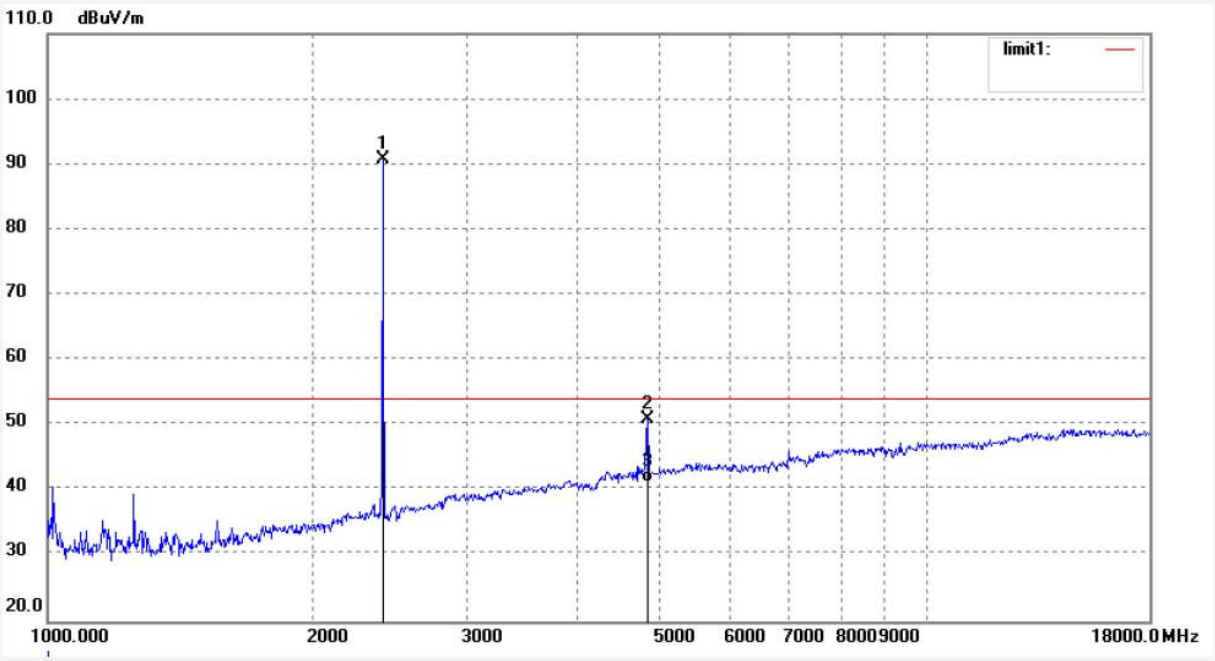
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	96.88	-5.84	91.04			peak			
2	4825.751	48.05	3.23	51.28	74.00	-22.72	peak			
3	4825.751	38.36	3.23	41.59	54.00	-12.41	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #330
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2437MHz(802.11b)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Vertical
Power Source: DC 5V
Date: 2016/11/29
Time: 0:44:43
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



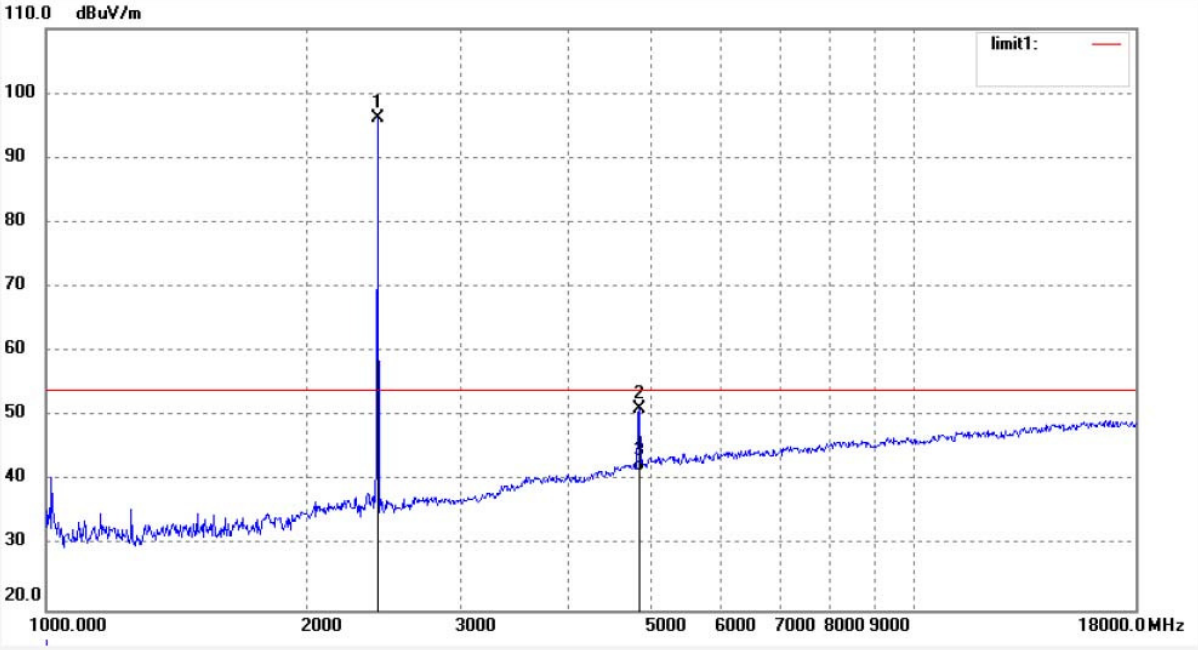
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	96.42	-5.76	90.66			peak			
2	4875.361	47.09	3.80	50.89	74.00	-23.11	peak			
3	4875.361	37.48	3.80	41.28	54.00	-12.72	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #331
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2437MHz(802.11b)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 2016/11/29
Time: 0:47:29
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



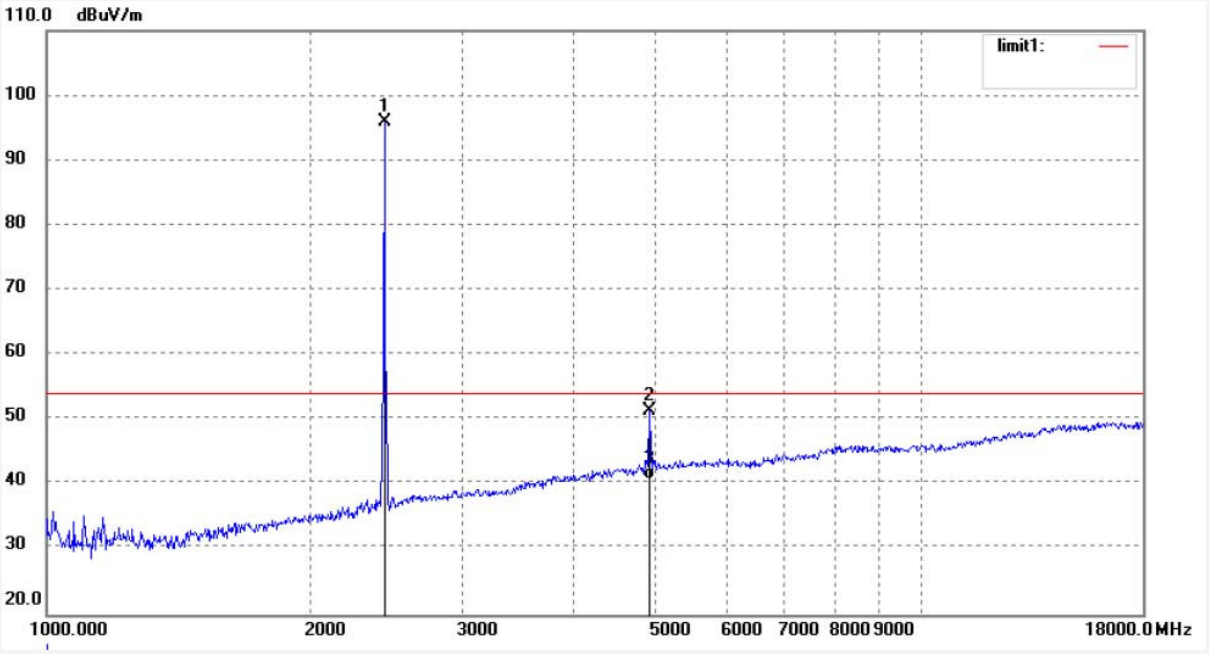
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	101.92	-5.76	96.16			peak			
2	4875.361	47.34	3.80	51.14	74.00	-22.86	peak			
3	4875.361	37.69	3.80	41.49	54.00	-12.51	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #332
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2462MHz(802.11b)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 2016/11/29
Time: 0:50:19
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354

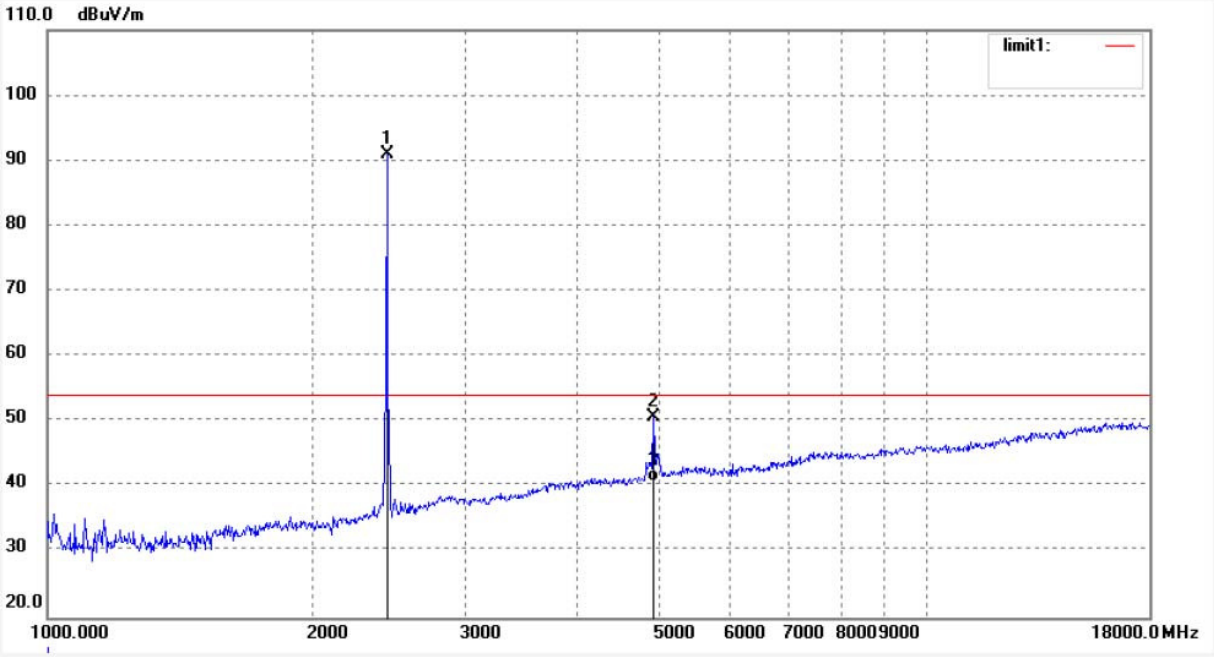


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.807	101.59	-5.61	95.98			peak			
2	4925.660	46.86	4.46	51.32	74.00	-22.68	peak			
3	4925.660	36.28	4.46	40.74	54.00	-13.26	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #333	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2016/11/29
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 0:53:18
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2462MHz(802.11b)	Distance: 3m
Model: SSM-F200	
Manufacturer: MAYA	

Note: Report NO:ATE20162354



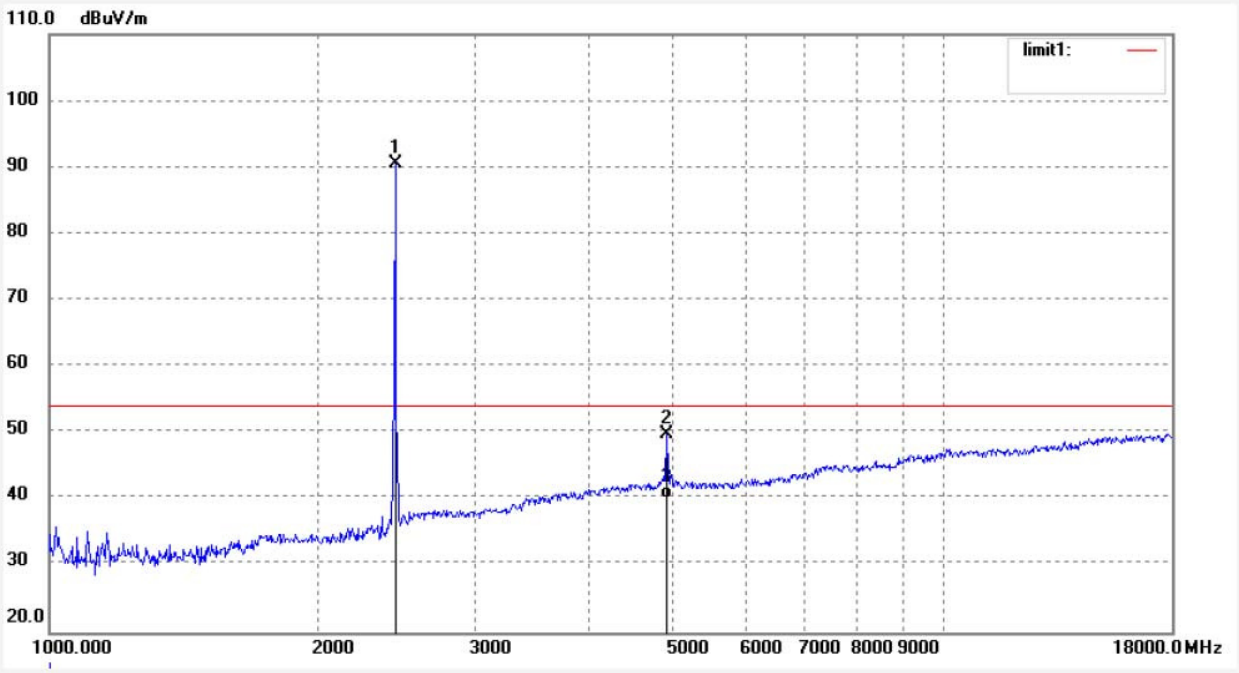
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.807	96.59	-5.61	90.98			peak			
2	4925.660	46.36	4.46	50.82	74.00	-23.18	peak			
3	4925.660	36.35	4.46	40.81	54.00	-13.19	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #334
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2462MHz(802.11g)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Vertical
Power Source: DC 5V
Date: 2016/11/29
Time: 0:55:37
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



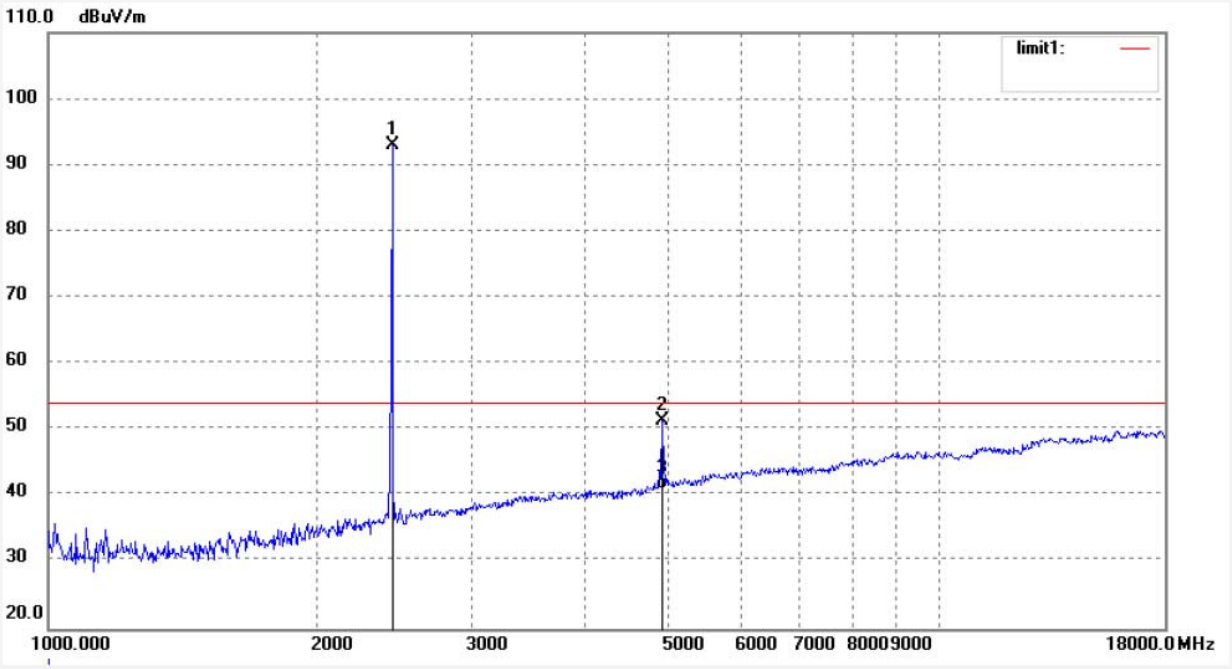
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.807	96.09	-5.61	90.48			peak			
2	4925.660	45.36	4.46	49.82	74.00	-24.18	peak			
3	4925.660	35.73	4.46	40.19	54.00	-13.81	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #335
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2462MHz(802.11g)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 2016/11/29
Time: 0:57:29
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



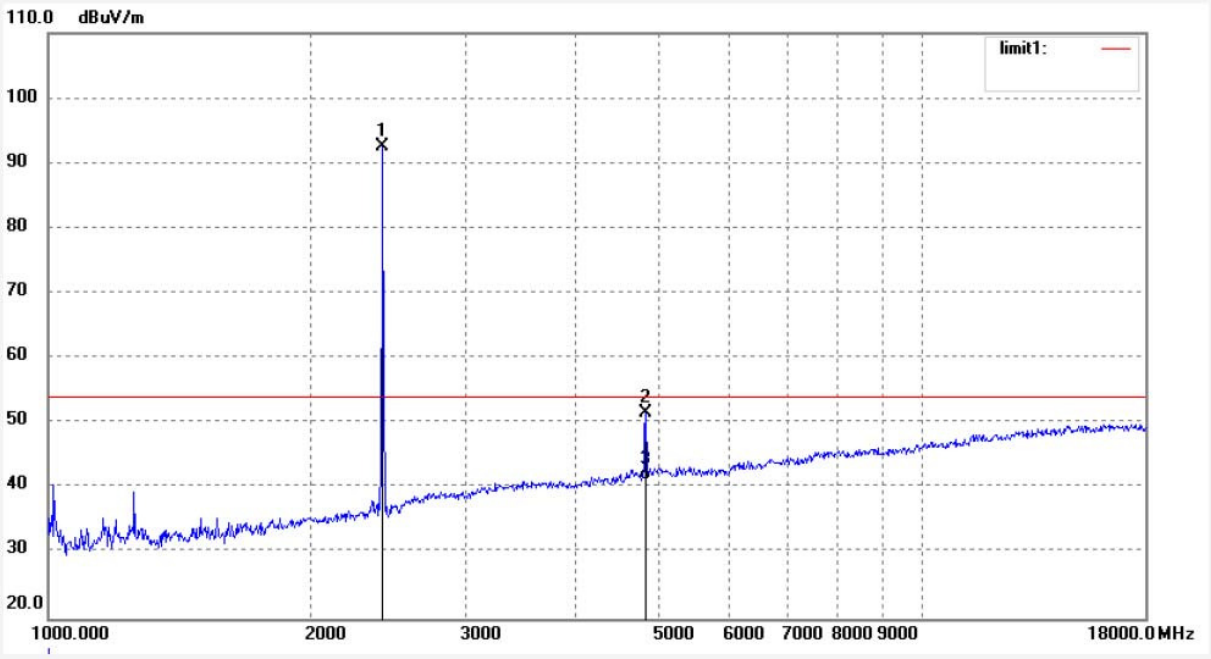
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.807	98.59	-5.61	92.98			peak			
2	4925.660	46.86	4.46	51.32	74.00	-22.68	peak			
3	4925.660	36.49	4.46	40.95	54.00	-13.05	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #336
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2437MHz(802.11g)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 2016/11/29
Time: 0:59:33
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354

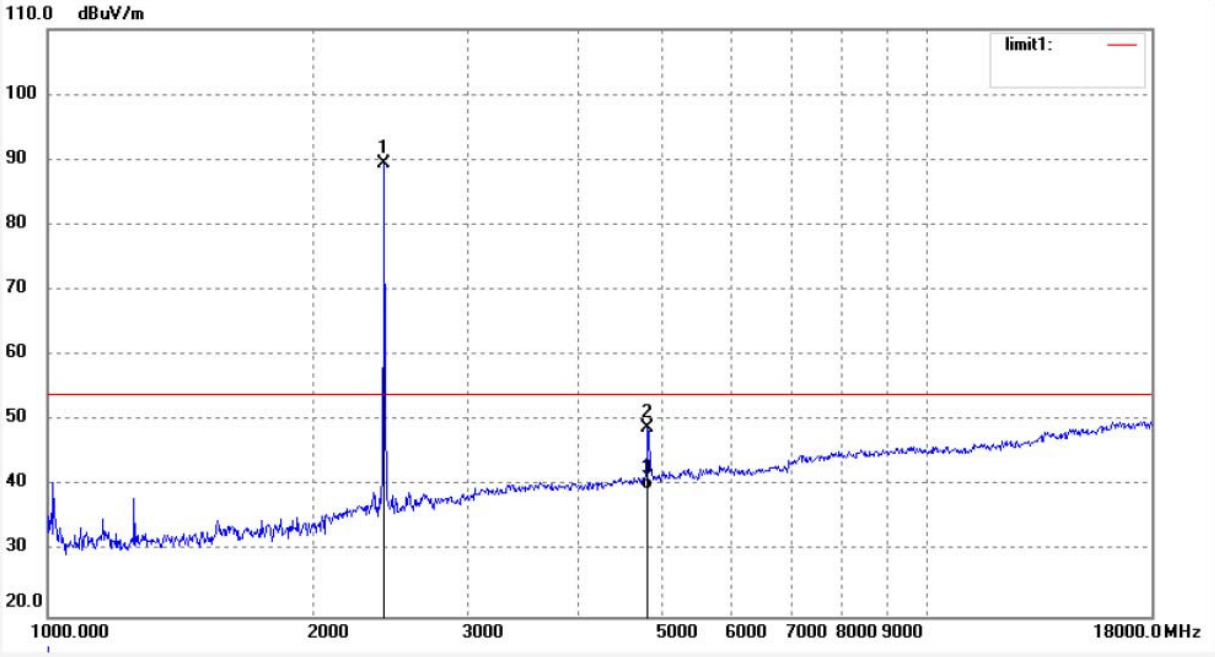


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.621	98.21	-5.72	92.49			peak			
2	4875.361	47.84	3.80	51.64	74.00	-22.36	peak			
3	4875.361	37.51	3.80	41.31	54.00	-12.69	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #337	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2016/11/29
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 1:01:43
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2437MHz(802.11g)	Distance: 3m
Model: SSM-F200	
Manufacturer: MAYA	

Note: Report NO:ATE20162354

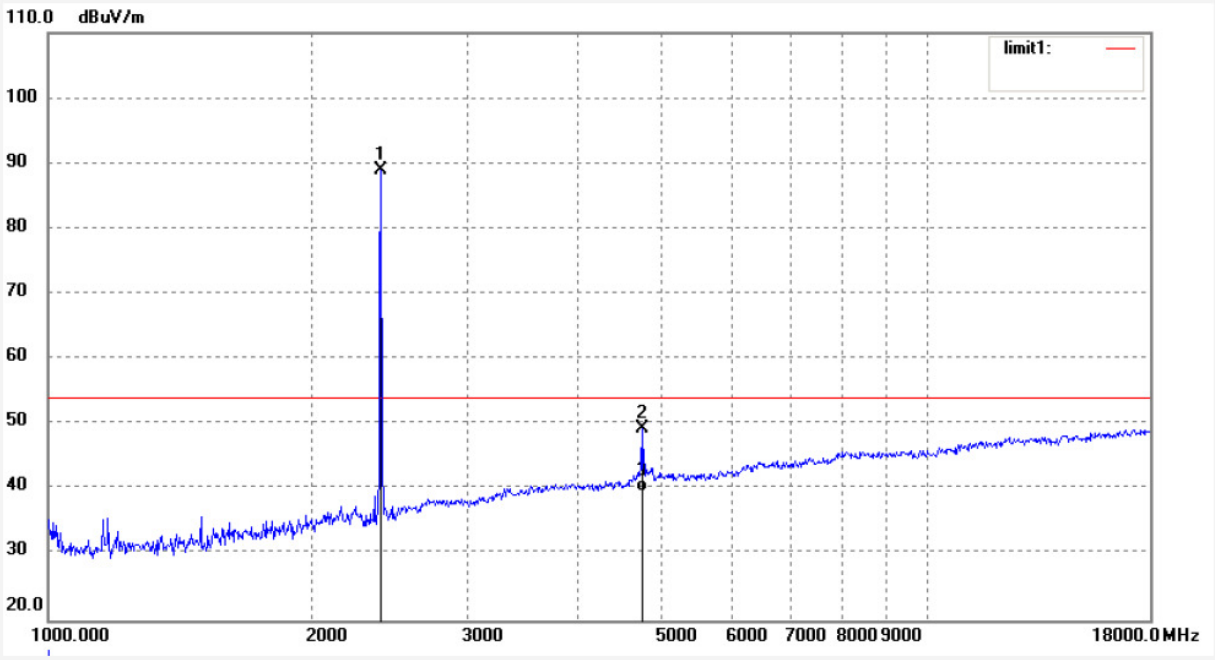


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.621	95.21	-5.72	89.49			peak			
2	4875.324	45.34	3.67	49.01	74.00	-24.99	peak			
3	4875.324	35.69	3.67	39.36	54.00	-14.64	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #338	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2016/11/29
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 1:03:22
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2412MHz(802.11g)	Distance: 3m
Model: SSM-F200	
Manufacturer: MAYA	

Note: Report NO:ATE20162354



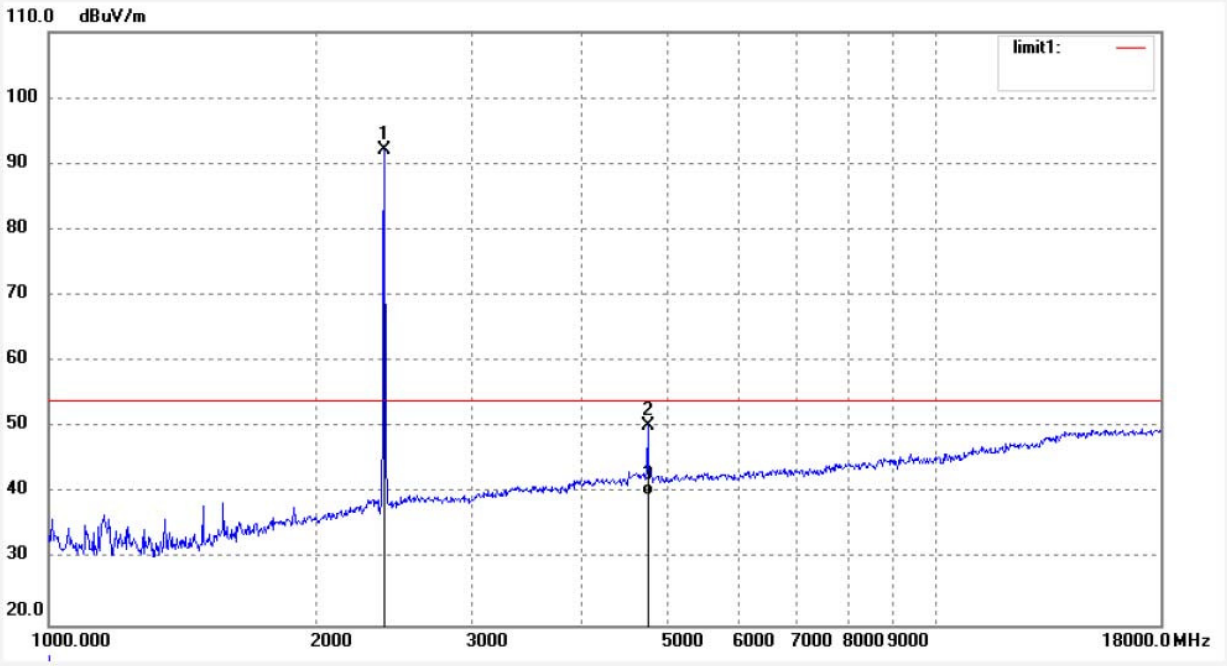
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	94.88	-5.84	89.04			peak			
2	4825.751	46.05	3.23	49.28	74.00	-24.72	peak			
3	4825.751	36.46	3.23	39.69	54.00	-14.31	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #339
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2412MHz(802.11g)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 2016/11/29
Time: 1:06:11
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



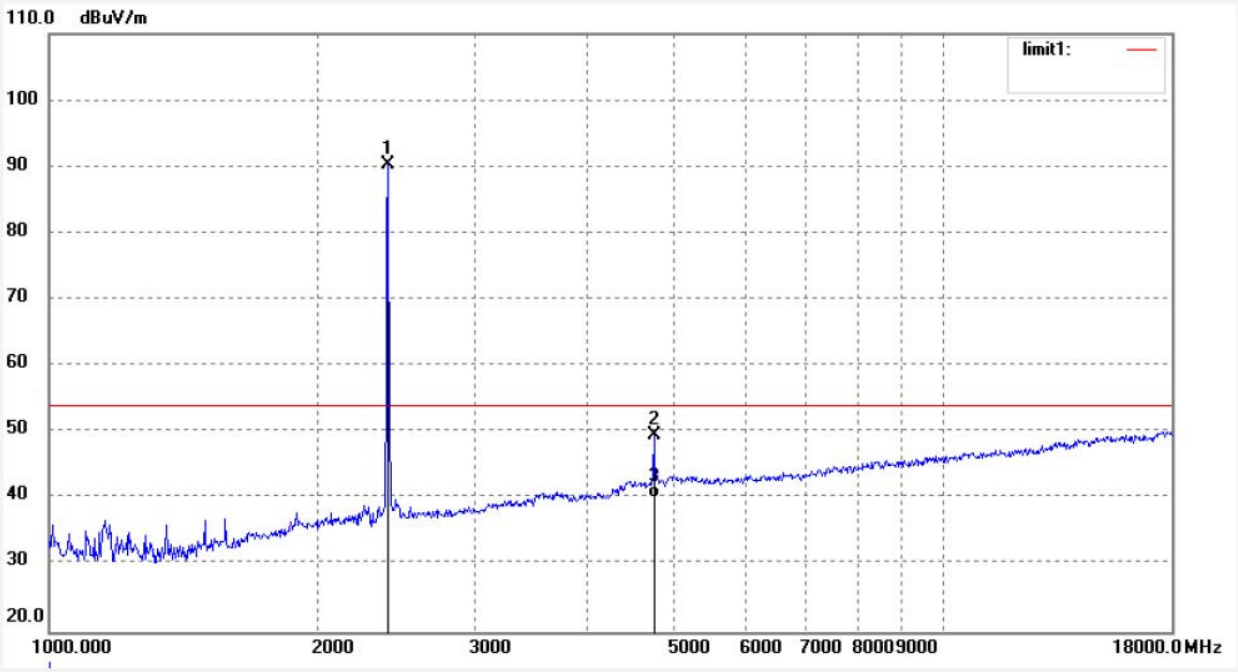
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	98.05	-5.84	92.21			peak			
2	4825.751	46.94	3.23	50.17	74.00	-23.83	peak			
3	4825.751	36.44	3.23	39.67	54.00	-14.33	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #340
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2412MHz(802.11n20)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Horizontal
Power Source: DC 5V
Date: 2016/11/29
Time: 1:09:11
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



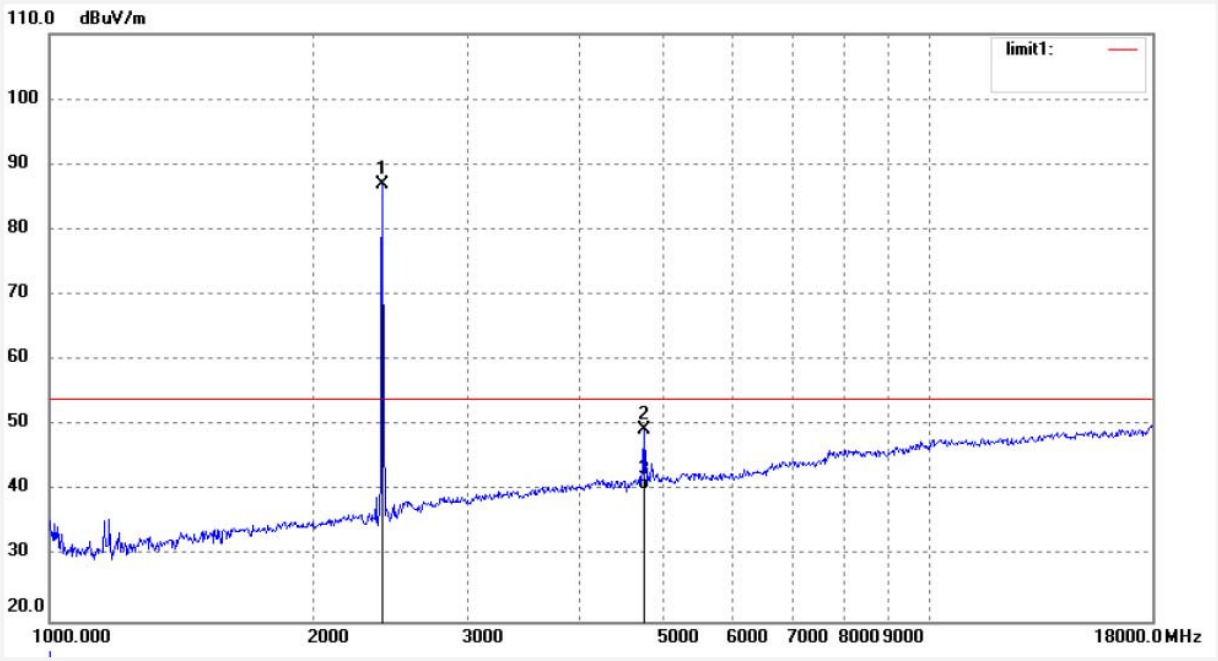
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	96.05	-5.84	90.21			peak			
2	4825.751	46.44	3.23	49.67	74.00	-24.33	peak			
3	4825.751	36.89	3.23	40.12	54.00	-13.88	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #341
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2412MHz(802.11n20)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Vertical
Power Source: DC 5V
Date: 2016/11/29
Time: 1:12:22
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



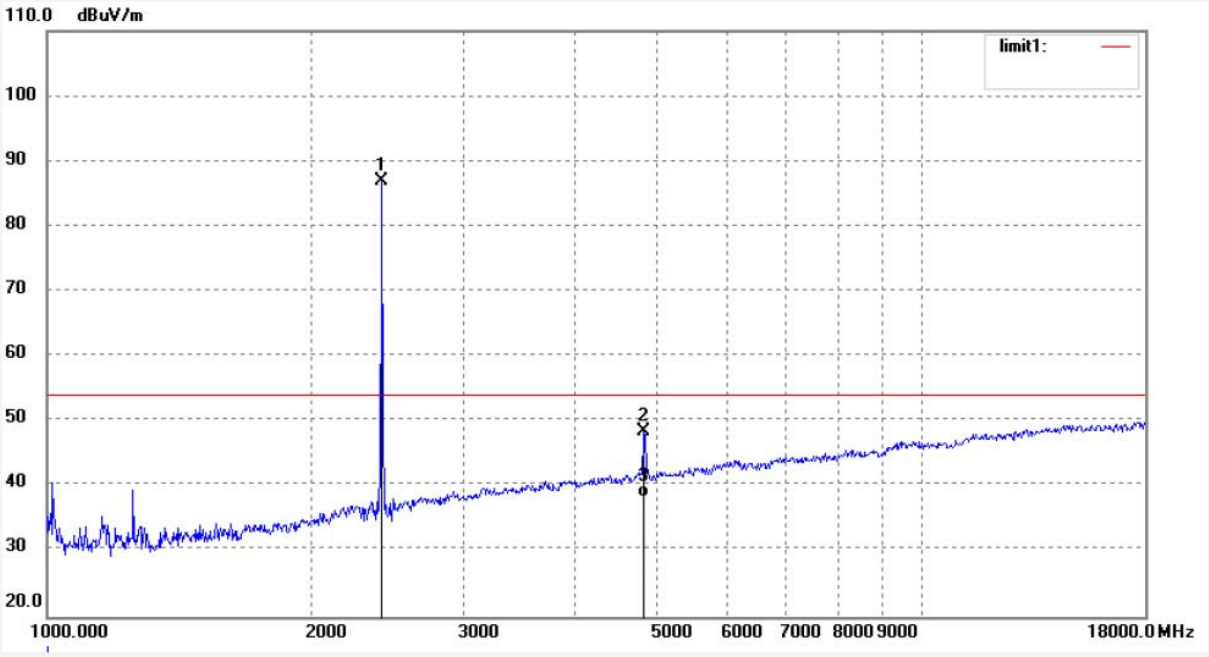
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	92.88	-5.84	87.04			peak			
2	4825.751	46.05	3.23	49.28	74.00	-24.72	peak			
3	4825.751	36.94	3.23	40.17	54.00	-13.83	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ding11 #342
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2437MHz(802.11n20)
Model: SSM-F200
Manufacturer: MAYA

Polarization: Vertical
Power Source: DC 5V
Date: 2016/11/29
Time: 1:14:43
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162354



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.621	92.71	-5.72	86.99			peak			
2	4875.324	44.84	3.67	48.51	74.00	-25.49	peak			
3	4875.324	34.56	3.67	38.23	54.00	-15.77	AVG			