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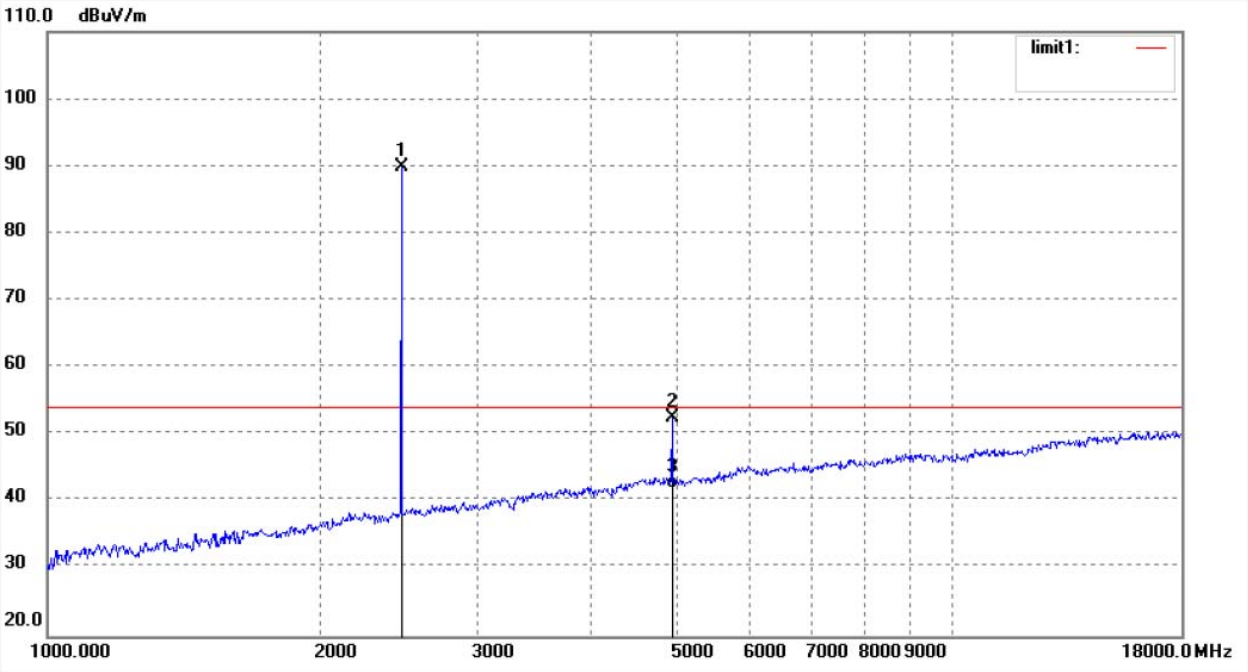
Job No.: DING11 #510	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/28/21
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2462MHz(802.11g)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.179	95.36	-5.53	89.83			peak			
2	4924.344	47.95	4.54	52.49	74.00	-21.51	peak			
3	4924.344	37.48	4.54	42.02	54.00	-11.98	AVG			

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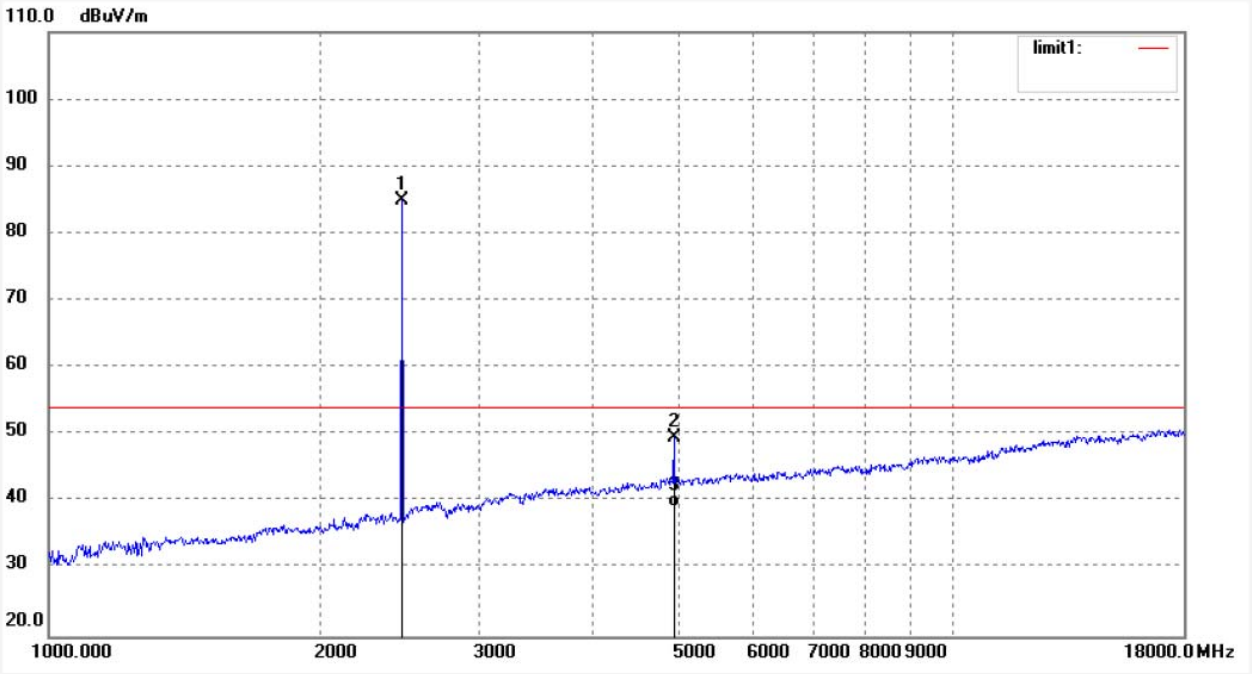
Job No.: DING11 #511	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/29/46
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2462MHz(802.11g)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.179	90.37	-5.54	84.83			peak			
2	4924.344	44.95	4.54	49.49	74.00	-24.51	peak			
3	4924.344	34.61	4.54	39.15	54.00	-14.85	AVG			

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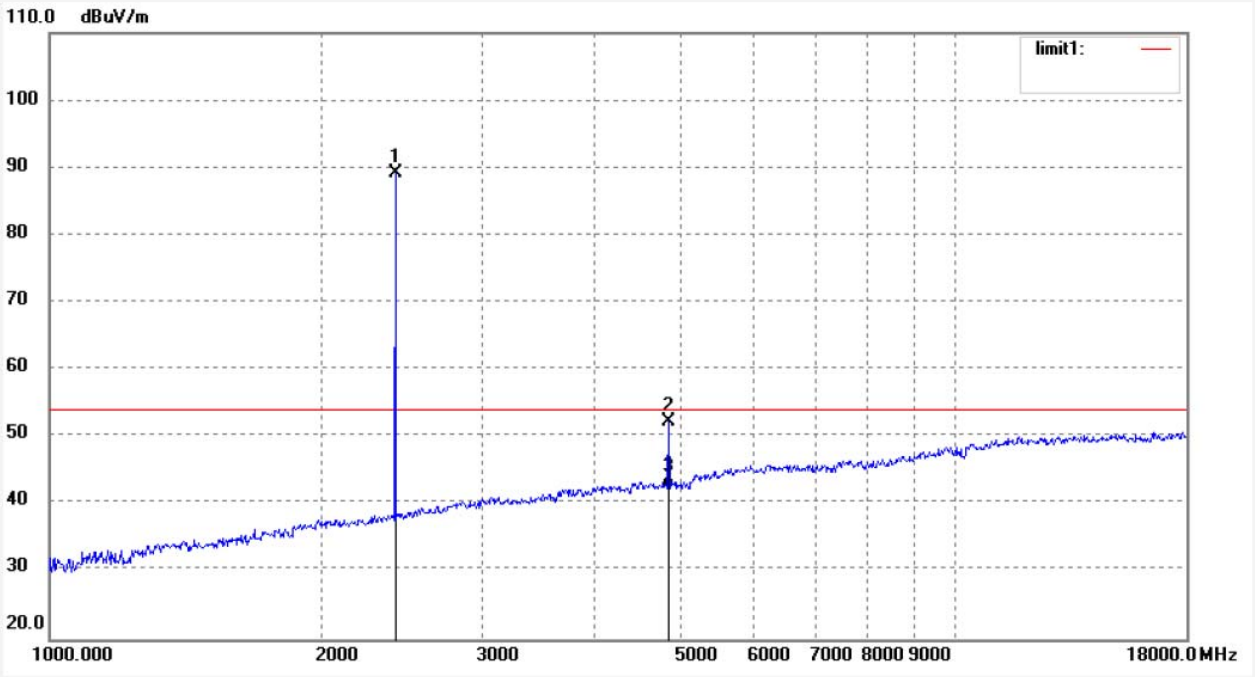
Job No.: DING11 #505	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/19/14
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2412MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.100	94.89	-5.76	89.13			peak			
2	4824.261	48.47	3.80	52.27	74.00	-21.73	peak			
3	4824.261	38.59	3.80	42.39	54.00	-11.61	AVG			

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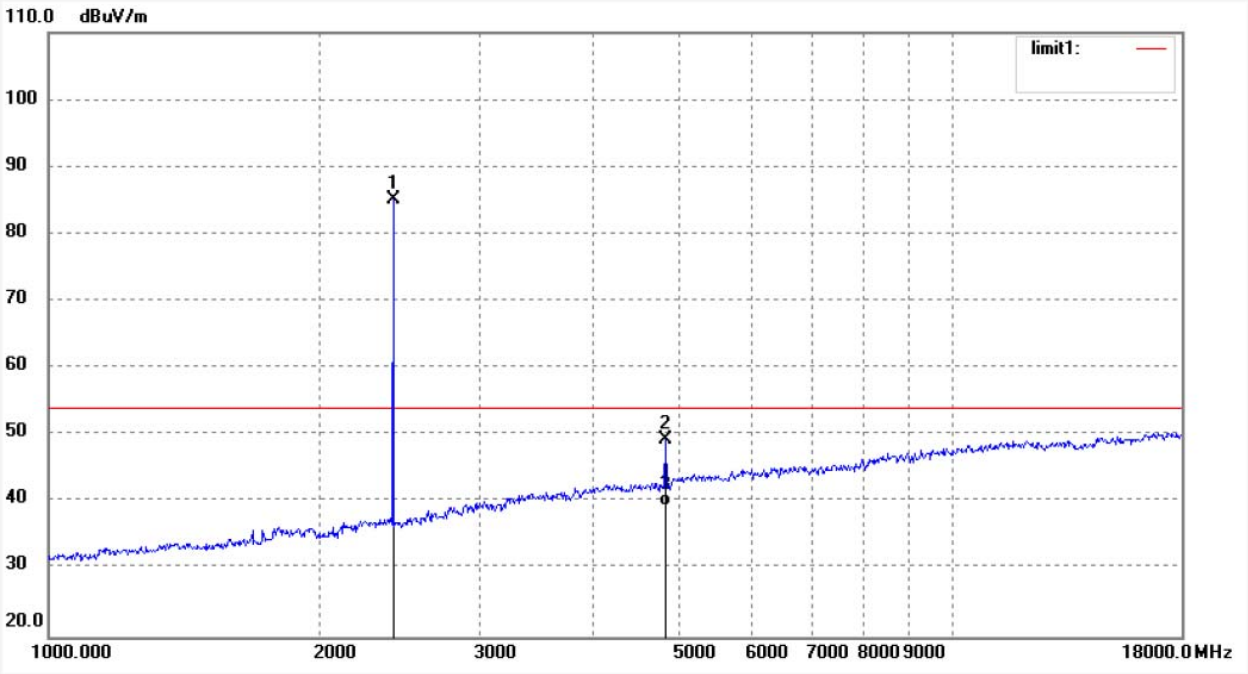
Job No.: DING11 #504	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/17/50
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2412MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.100	90.89	-5.76	85.13			peak			
2	4824.261	45.47	3.80	49.27	74.00	-24.73	peak			
3	4824.261	35.76	3.80	39.56	54.00	-14.44	AVG			

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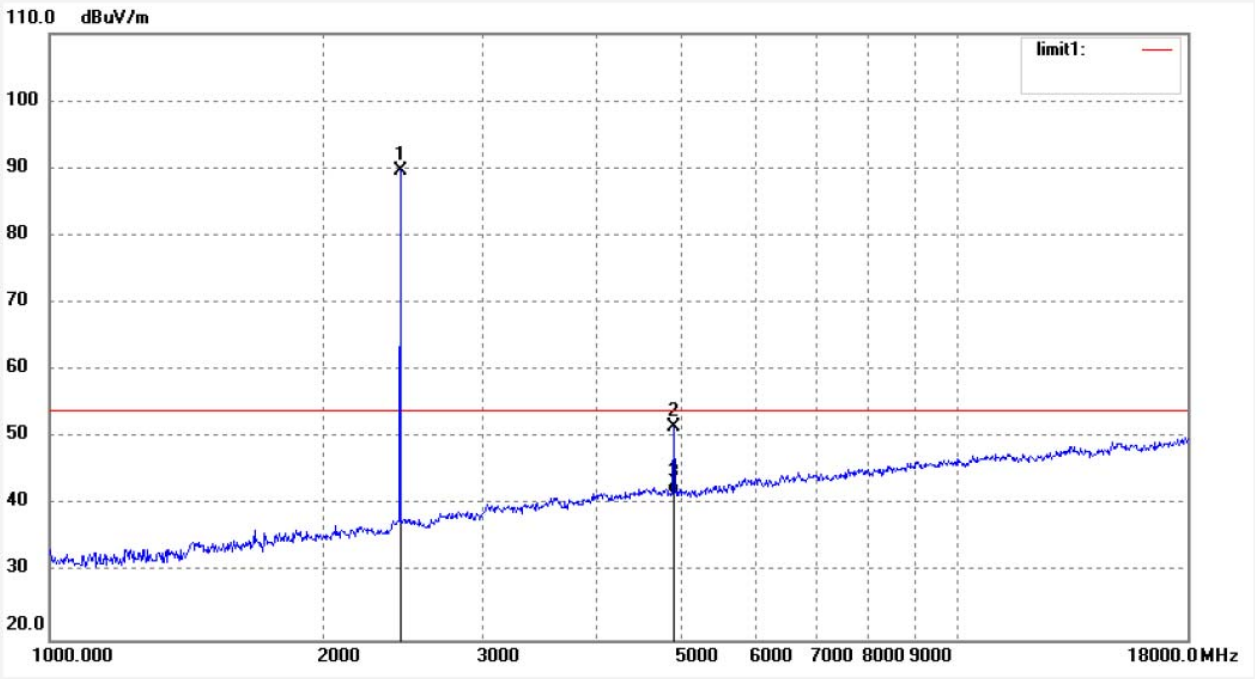
Job No.: DING11 #502
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2437MHz(802.11n20)
Model: SSM-F100
Manufacturer: MAYA

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 17/02/10/
Time: 12/14/58
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.107	95.32	-5.61	89.71			peak			
2	4874.217	47.19	4.32	51.51	74.00	-22.49	peak			
3	4874.217	37.38	4.32	41.70	54.00	-12.30	AVG			

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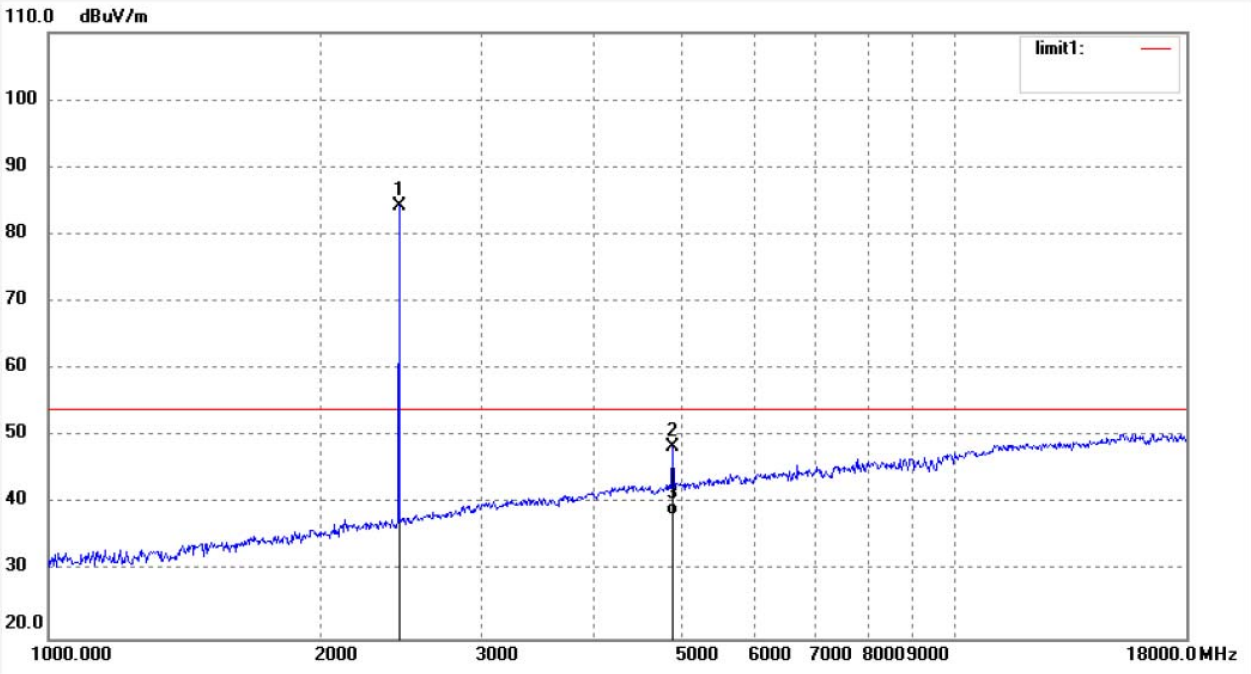
Job No.: DING11 #503	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/16/33
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2437MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.107	89.82	-5.61	84.21			peak			
2	4874.217	44.19	4.32	48.51	74.00	-25.49	peak			
3	4874.217	34.01	4.32	38.33	54.00	-15.67	AVG			

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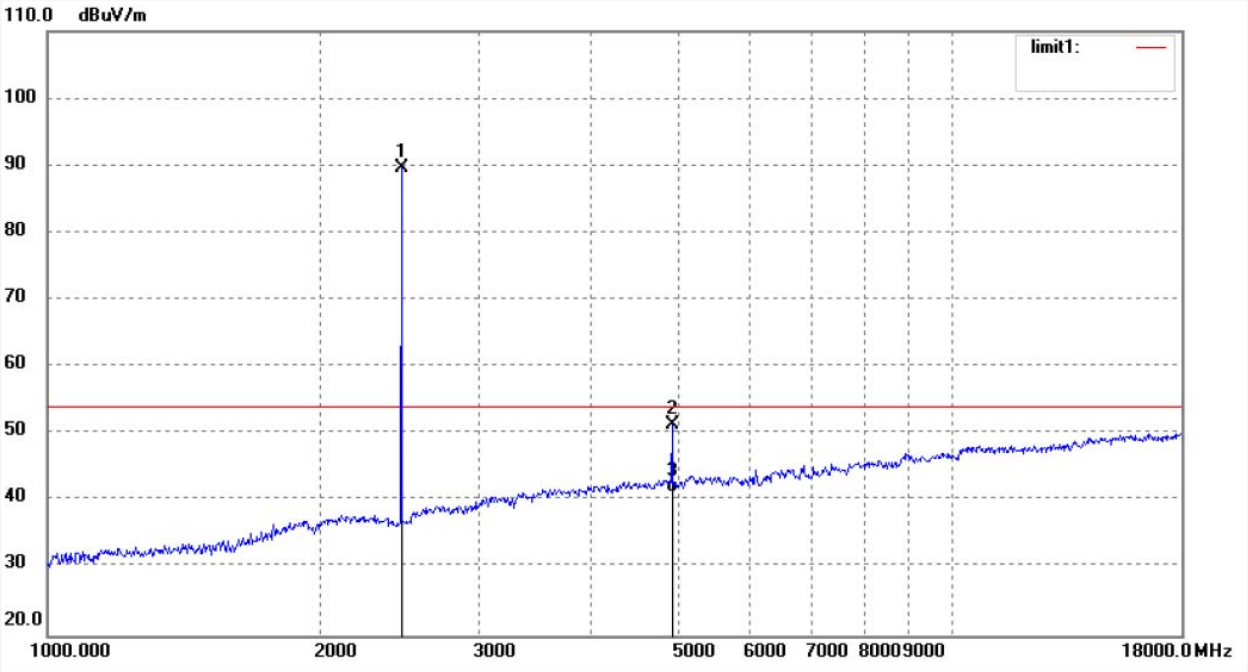
Job No.: DING11 #501	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/44/20
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2462MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.345	95.21	-5.53	89.68			peak			
2	4924.644	46.81	4.54	51.35	74.00	-22.65	peak			
3	4924.644	36.77	4.54	41.31	54.00	-12.69	AVG			

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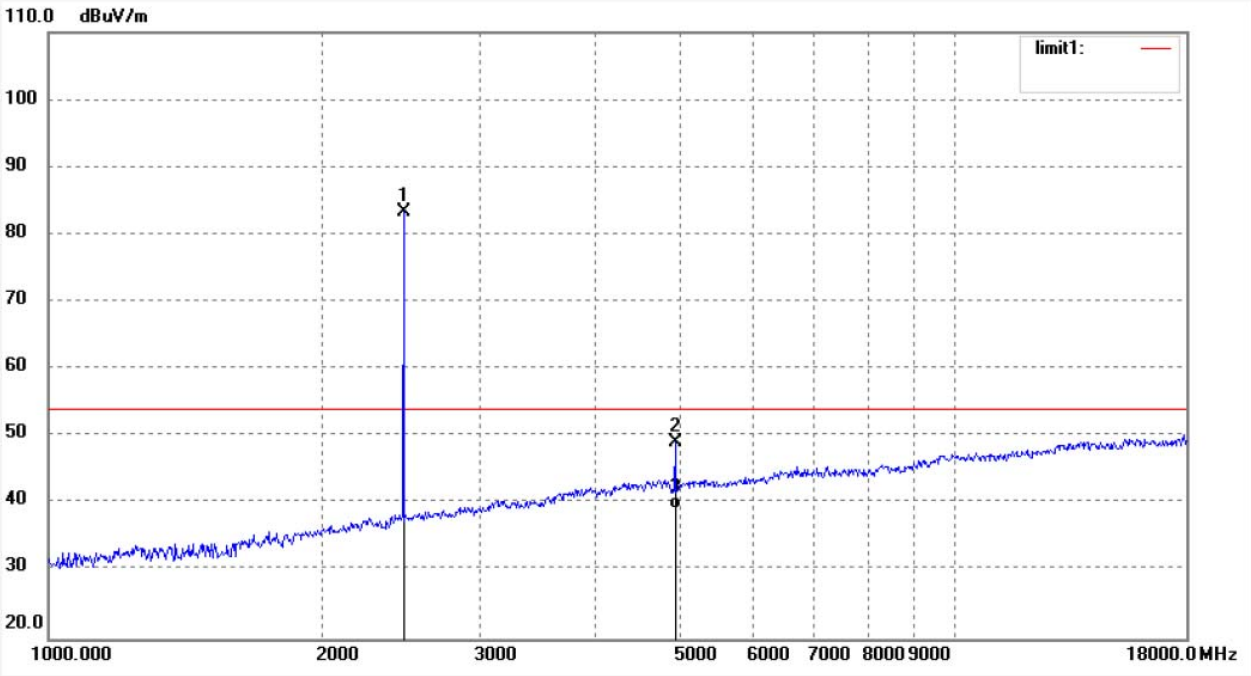
Job No.: DING11 #500
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Smart Home Storage
Mode: TX 2462MHz(802.11n20)
Model: SSM-F100
Manufacturer: MAYA

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/02/10/
Time: 11/41/56
Engineer Signature: DING
Distance: 3m

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.345	88.78	-5.53	83.25			peak			
2	4924.644	44.57	4.54	49.11	74.00	-24.89	peak			
3	4924.644	34.75	4.54	39.29	54.00	-14.71	AVG			

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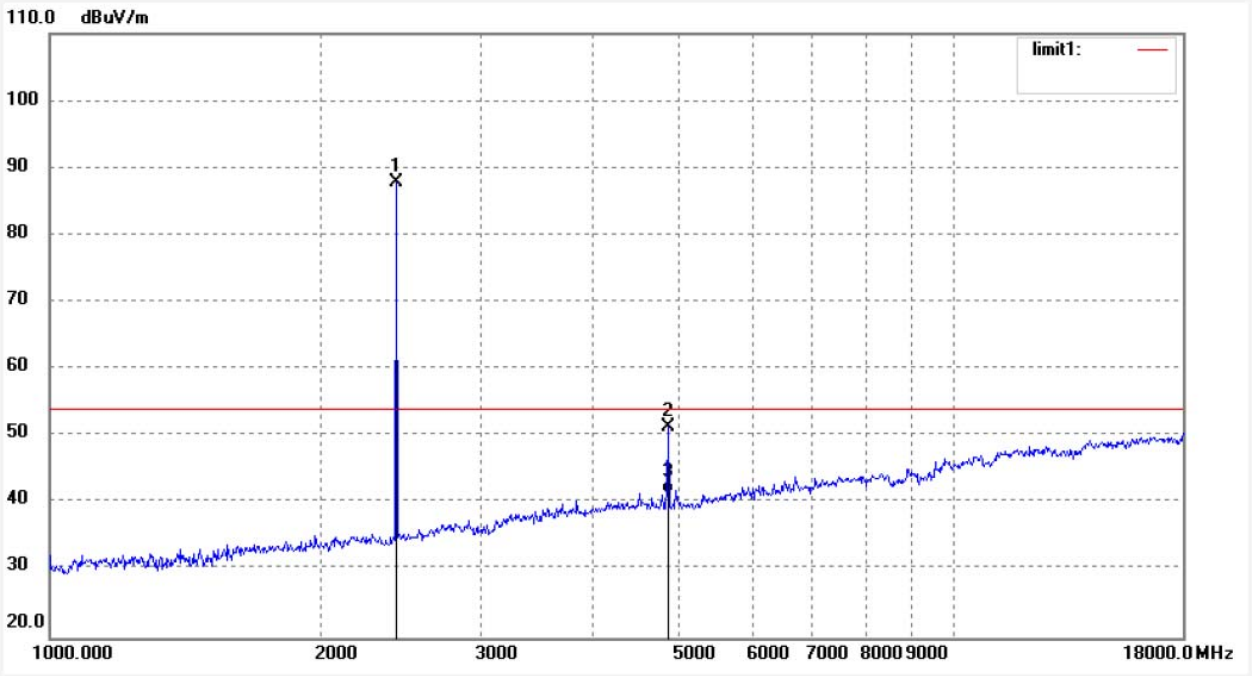
Job No.: DING11 #494	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/21/05
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2422MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.262	93.58	-5.69	87.89			peak			
2	4844.438	47.54	3.93	51.47	74.00	-22.53	peak			
3	4844.438	37.46	3.93	41.39	54.00	-12.61	AVG			

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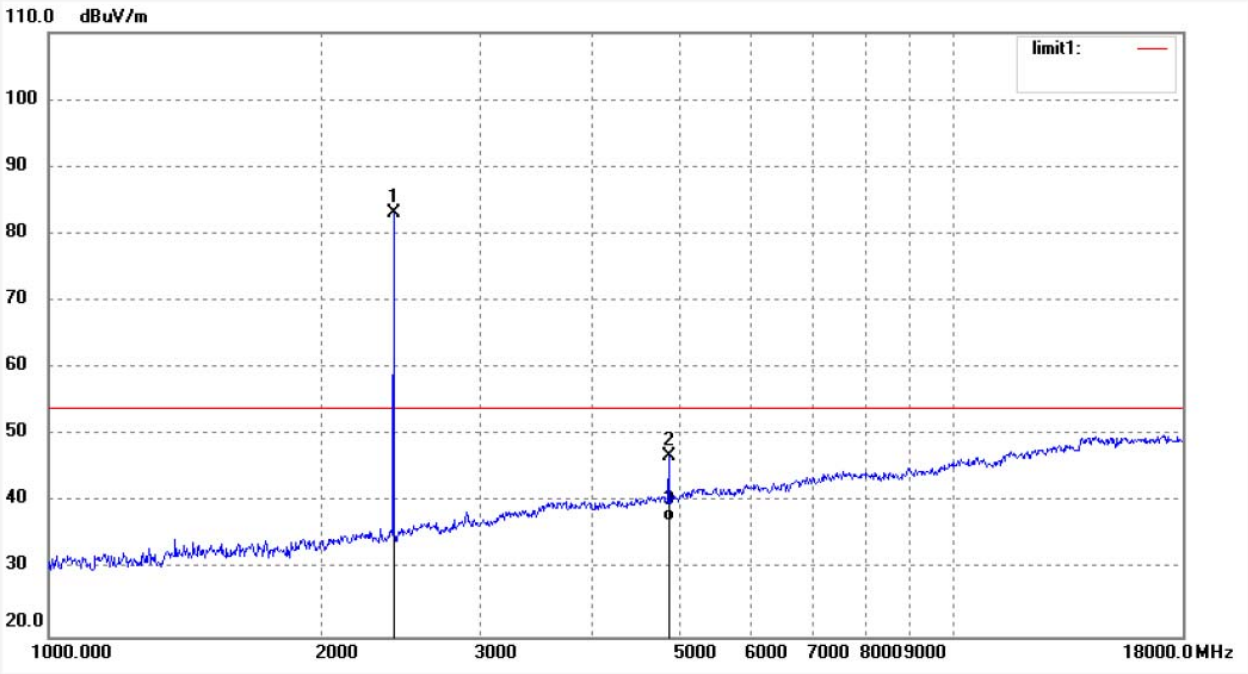
Job No.: DING11 #495	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/25/35
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2422MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.262	88.79	-5.76	83.03			peak			
2	4844.438	42.74	4.06	46.80	74.00	-27.20	peak			
3	4844.438	33.15	4.06	37.21	54.00	-16.79	AVG			

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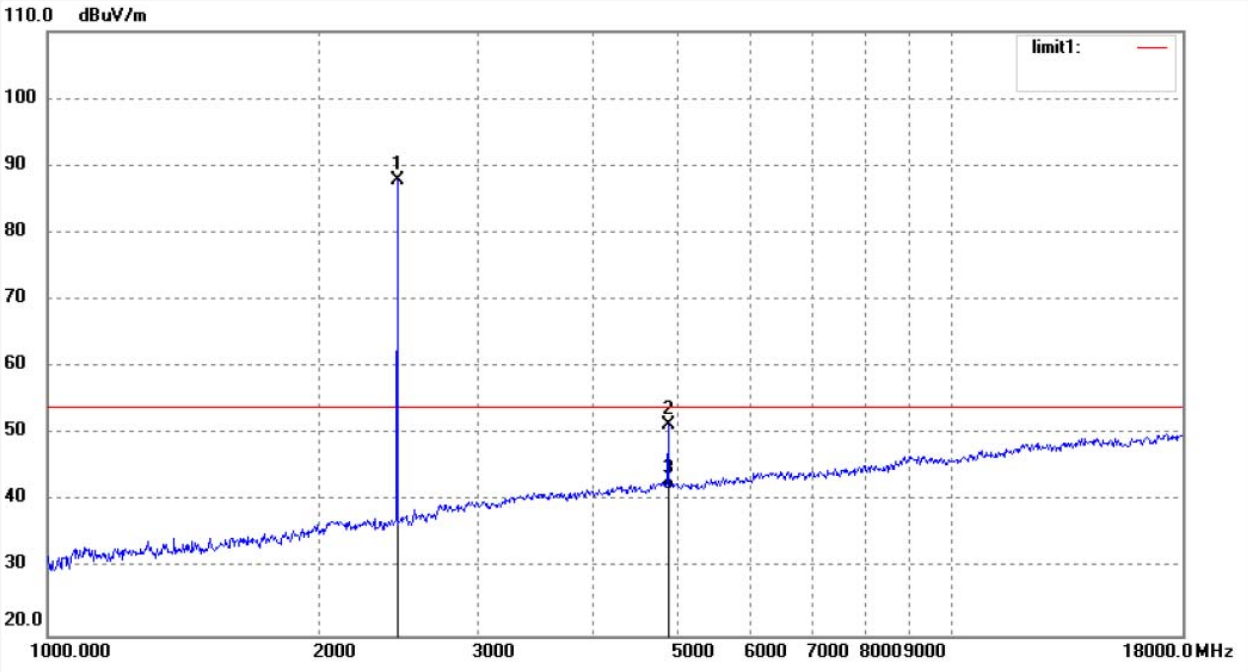
Job No.: DING11 #497	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/34/23
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2437MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.457	93.41	-5.61	87.80			peak			
2	4874.557	47.24	4.06	51.30	54.00	-22.70	peak			
3	4874.557	37.64	4.06	41.70	54.00	-12.30	AVG			

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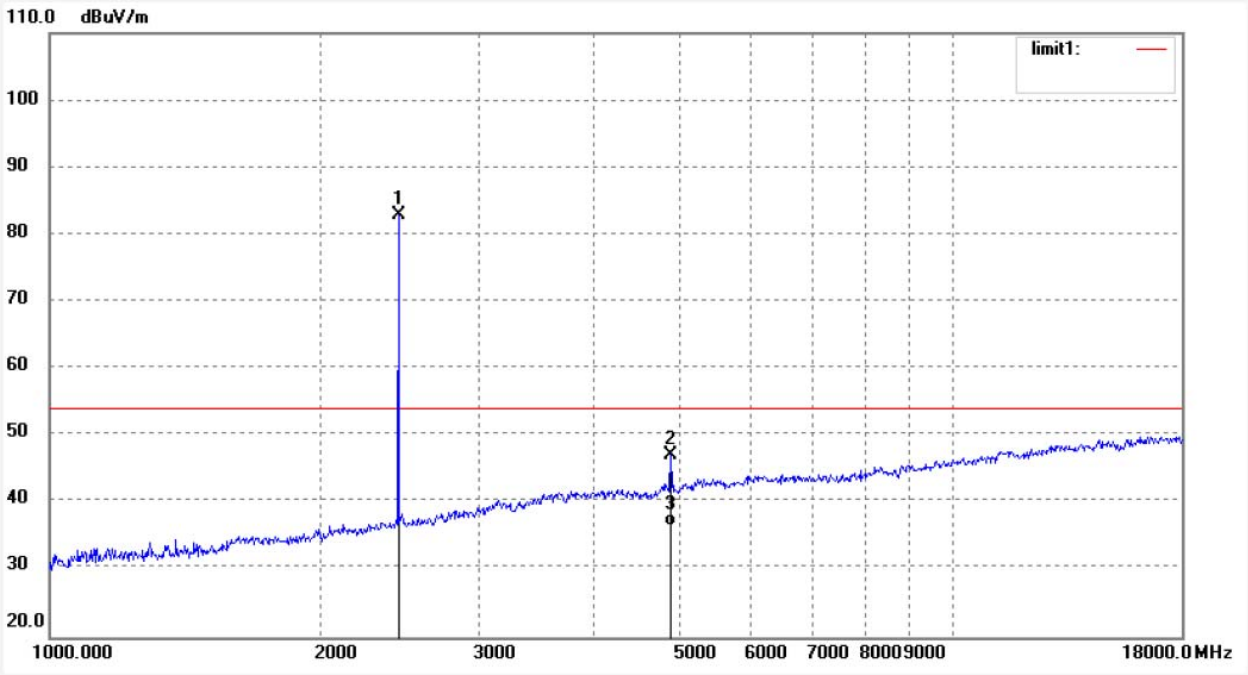
Job No.: DING11 #496	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/28/20
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2437MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.457	88.41	-5.61	82.80			peak			
2	4874.917	42.86	4.32	47.18	74.00	-26.82	peak			
3	4874.917	32.17	4.32	36.49	54.00	-17.51	AVG			

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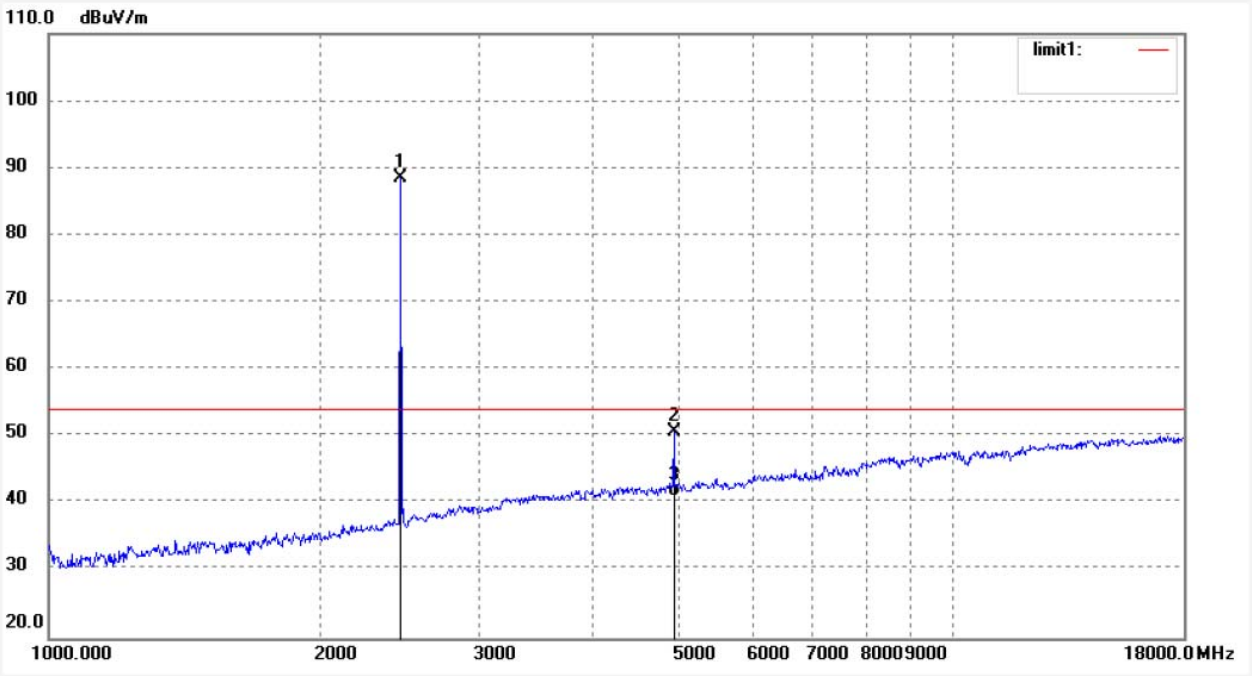
Job No.: DING11 #498	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/36/29
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2452MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.034	93.96	-5.55	88.41			peak			
2	4904.244	46.07	4.54	50.61	74.00	-23.39	peak			
3	4904.244	36.46	4.54	41.00	54.00	-13.00	AVG			

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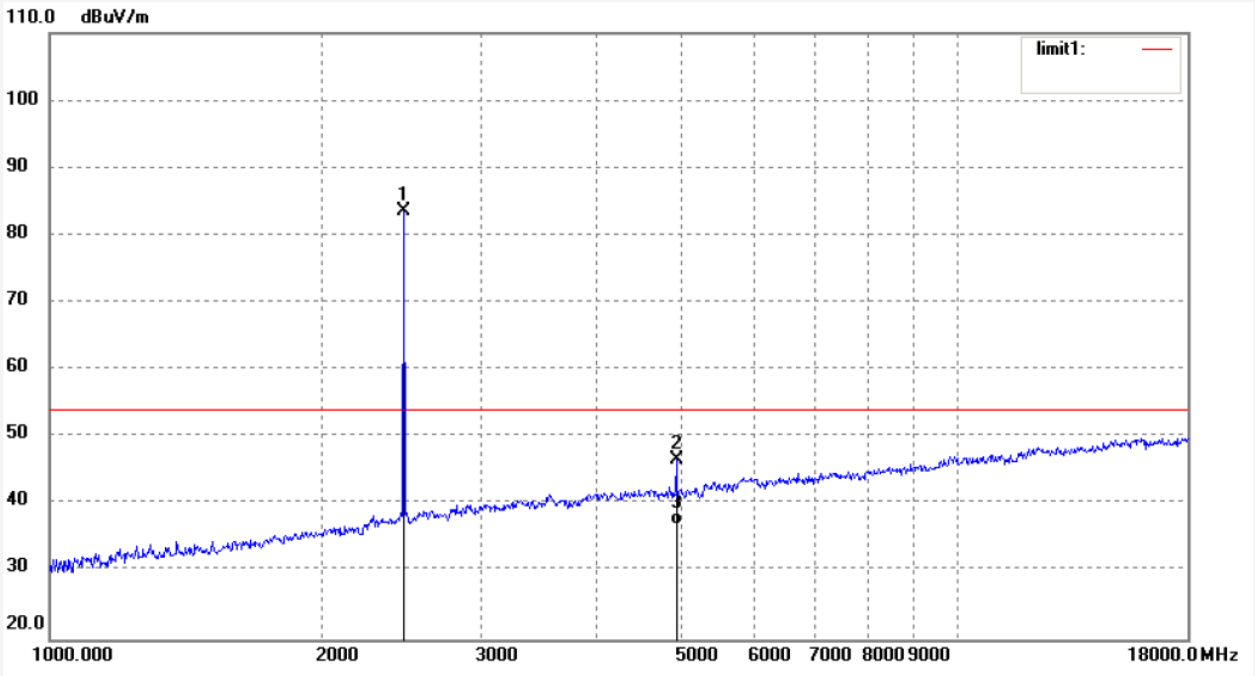
Job No.: DING11 #499	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/02/10/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/38/54
EUT: Smart Home Storage	Engineer Signature: DING
Mode: TX 2452MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

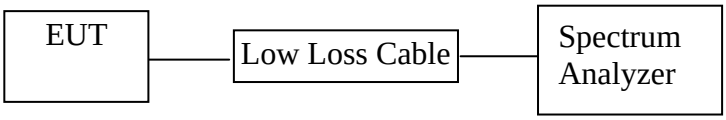
Note: Report NO:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.034	89.08	-5.54	83.54			peak			
2	4904.244	42.07	4.54	46.61	74.00	-27.39	peak			
3	4904.244	32.48	4.54	37.02	54.00	-16.98	AVG			

11.BAND EDGE COMPLIANCE TEST

11.1.Block Diagram of Test Setup



11.2.The Requirement 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).

11.3.EUT Configuration on Measurement

The equipment are 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.

11.4.Operating Condition of EUT

11.4.1.Setup the EUT and simulator as shown as Section 11.1.

11.4.2.Turn on the power of all equipment.

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

11.5.Test Procedure

Conducted Band Edge:

11.5.1.The transmitter output was connected to the spectrum analyzer via a low loss cable.

11.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz.

Radiate Band Edge:

11.5.3.The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.

11.5.4.The turntable was rotated for 360 degrees to determine the position of maximum emission level.

11.5.5.EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

11.5.6.Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

11.5.7.RBW=1MHz, VBW=1MHz

11.5.8.The band edges was measured and recorded.

11.6.Test Result

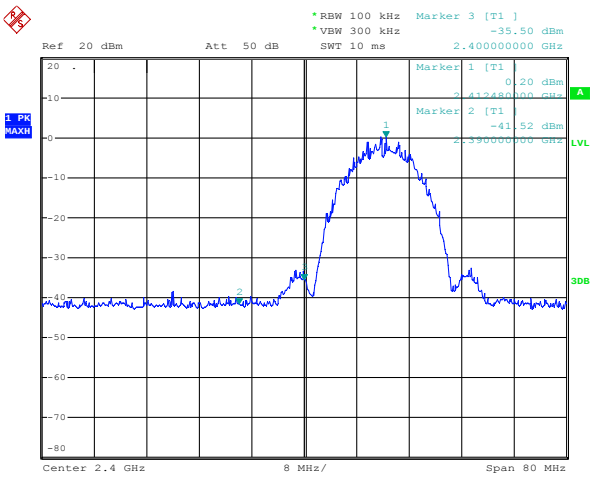
The test was performed with 802.11b			
Frequency (MHz)	Result of Band Edge ANT 1(dBc)	Result of Band Edge ANT 2 (dBc)	Limit of Band Edge (dBc)
2400	35.70	35.20	> 30dBc
2483.5	42.76	43.24	> 30dBc

The test was performed with 802.11g			
Frequency (MHz)	Result of Band Edge ANT 1(dBc)	Result of Band Edge ANT 2 (dBc)	Limit of Band Edge (dBc)
2400	33.81	33.40	> 30dBc
2483.5	36.41	36.30	> 30dBc

The test was performed with 802.11n (20MHz)			
Frequency (MHz)	Result of Band Edge ANT 1(dBc)	Result of Band Edge ANT 2 (dBc)	Limit of Band Edge (dBc)
2400	33.61	32.46	> 30dBc
2483.5	35.66	36.76	> 30dBc

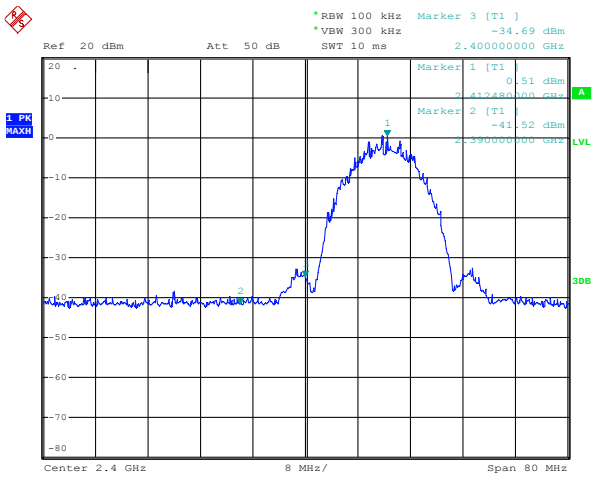
The test was performed with 802.11n (40MHz)			
Frequency (MHz)	Result of Band Edge ANT 1(dBc)	Result of Band Edge ANT 2 (dBc)	Limit of Band Edge (dBc)
2400	32.07	31.78	> 30dBc
2483.5	32.05	32.14	> 30dBc

ANT 1(802.11b)

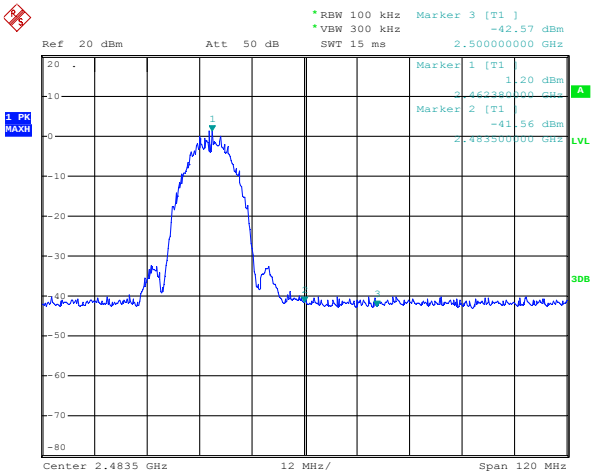


Date: 10.FEB.2017 16:08:29

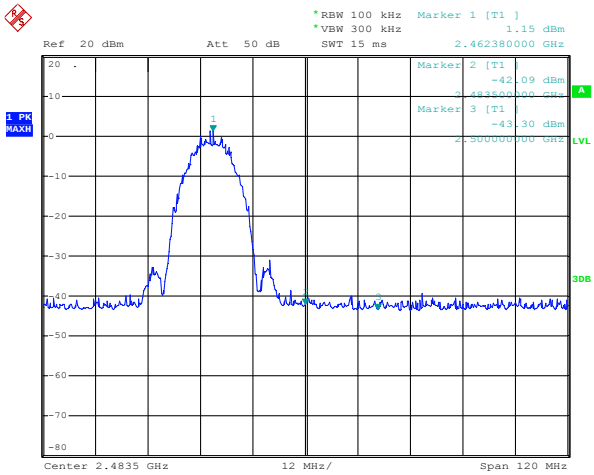
ANT 2(802.11b)



Date: 10.FEB.2017 16:09:01

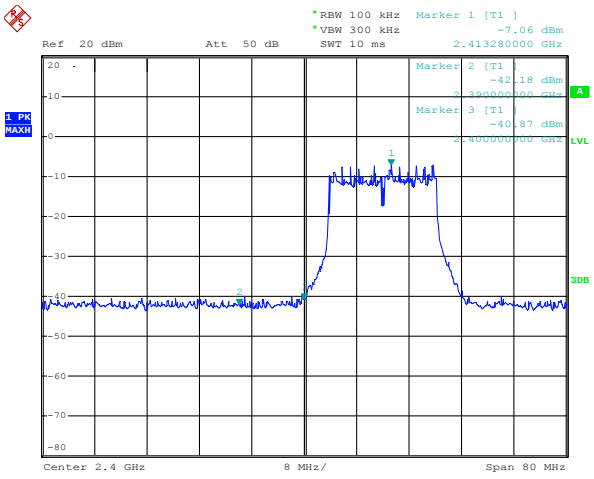


Date: 10.FEB.2017 16:10:26



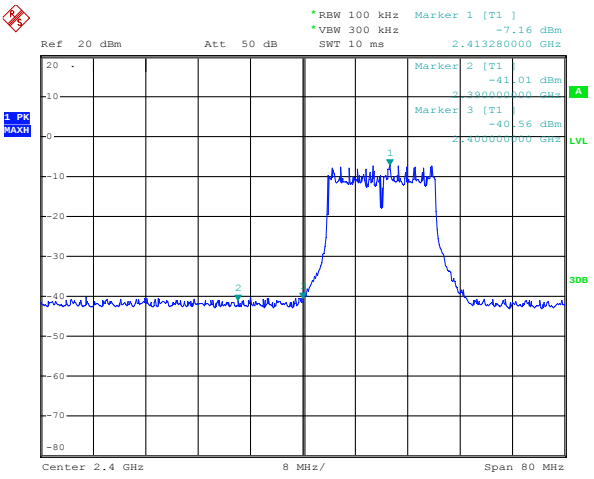
Date: 10.FEB.2017 16:10:54

ANT 1(802.11g)

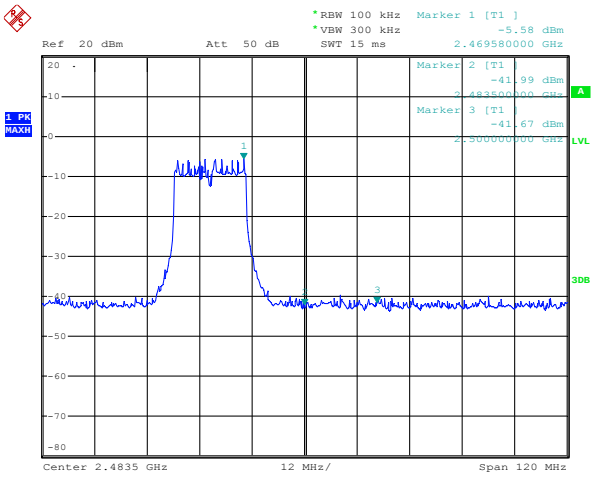


Date: 10.FEB.2017 16:14:40

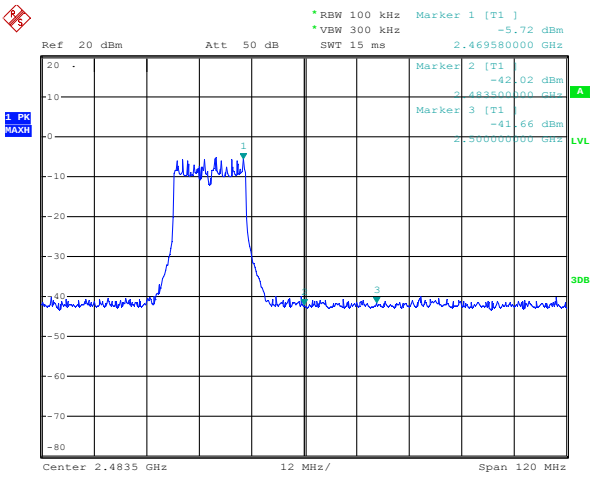
ANT 2(802.11g)



Date: 10.FEB.2017 16:14:14

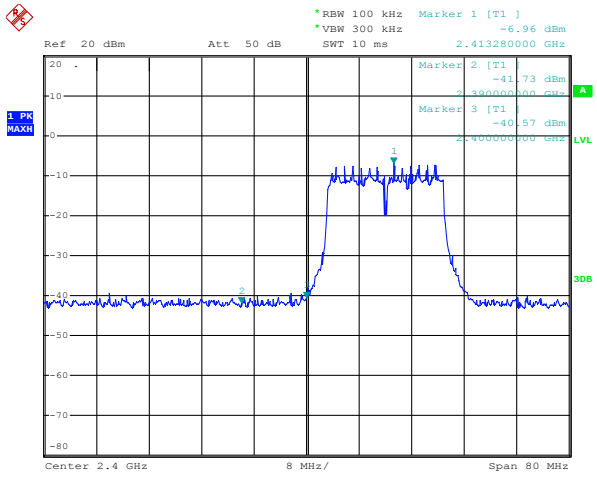


Date: 10.FEB.2017 16:12:41



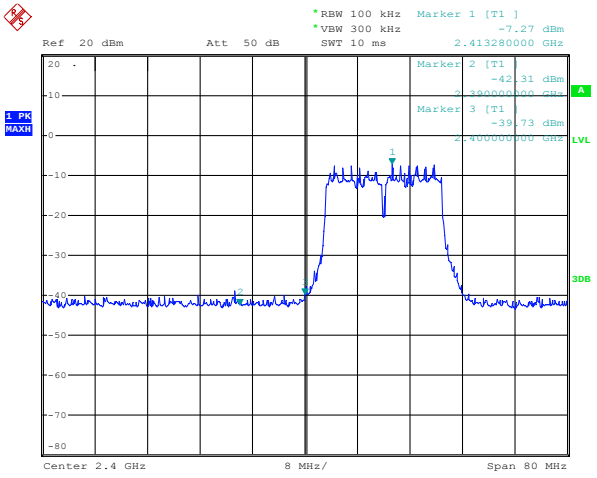
Date: 10.FEB.2017 16:13:11

ANT 1(802.11n20)

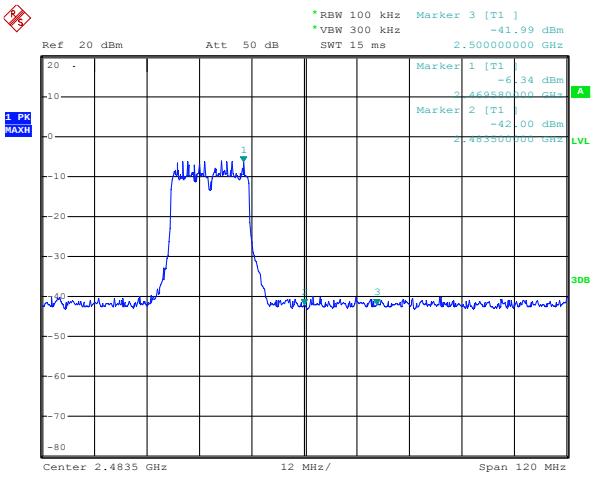


Date: 10.FEB.2017 16:15:57

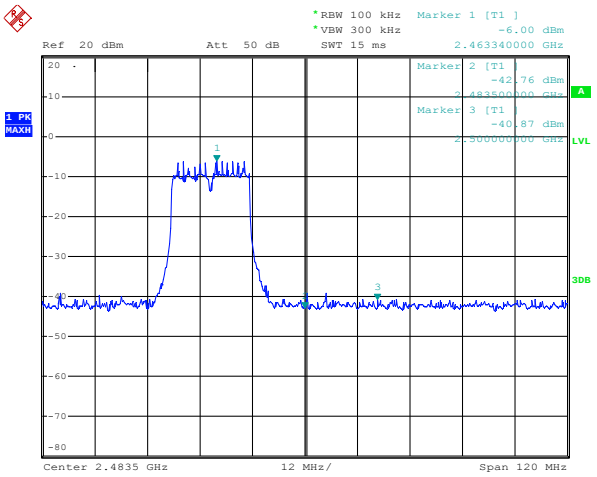
ANT 2(802.11 n20)



Date: 10.FEB.2017 16:16:24

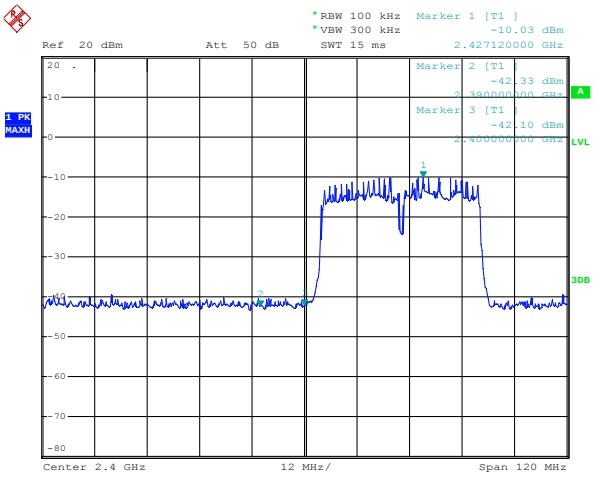


Date: 10.FEB.2017 16:17:38



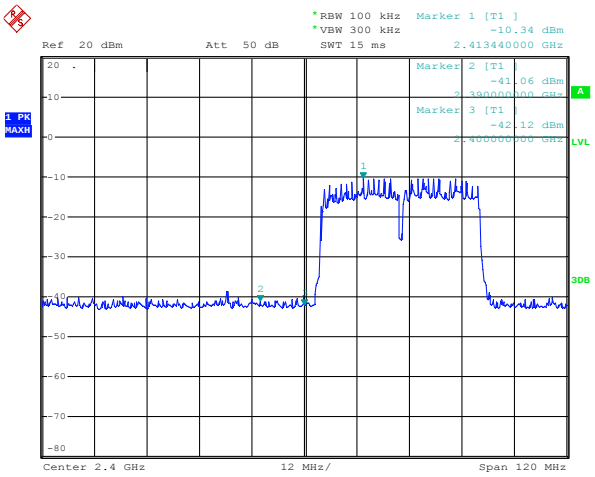
Date: 10.FEB.2017 16:18:15

ANT 1(802.11n40)

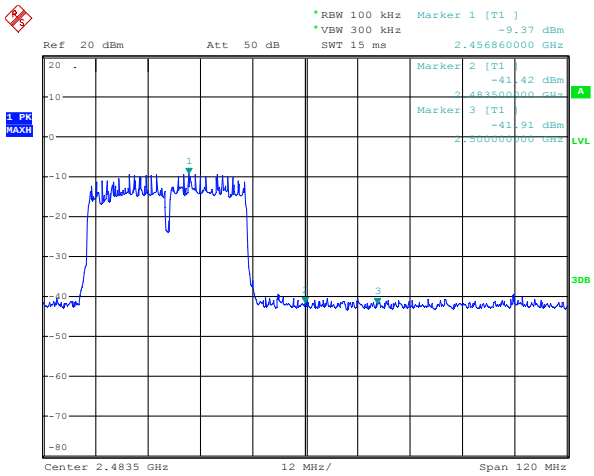


Date: 10.FEB.2017 16:20:42

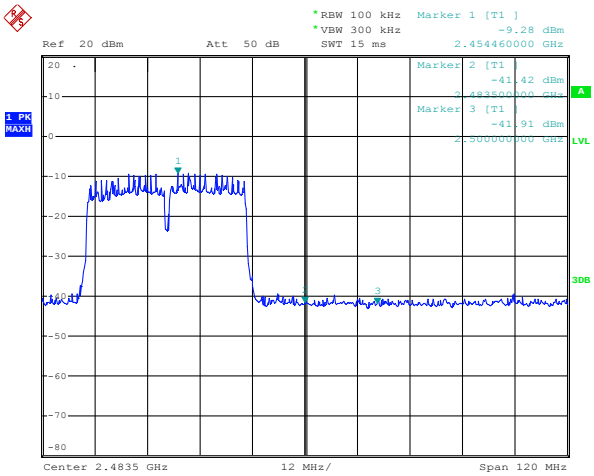
ANT 2(802.11n40)



Date: 10.FEB.2017 16:21:14



Date: 10.FEB.2017 16:19:12



Date: 10.FEB.2017 16:19:33

Radiated Band Edge Result

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.
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 average measurement was not performed when peak measured data under the limit of average detection.

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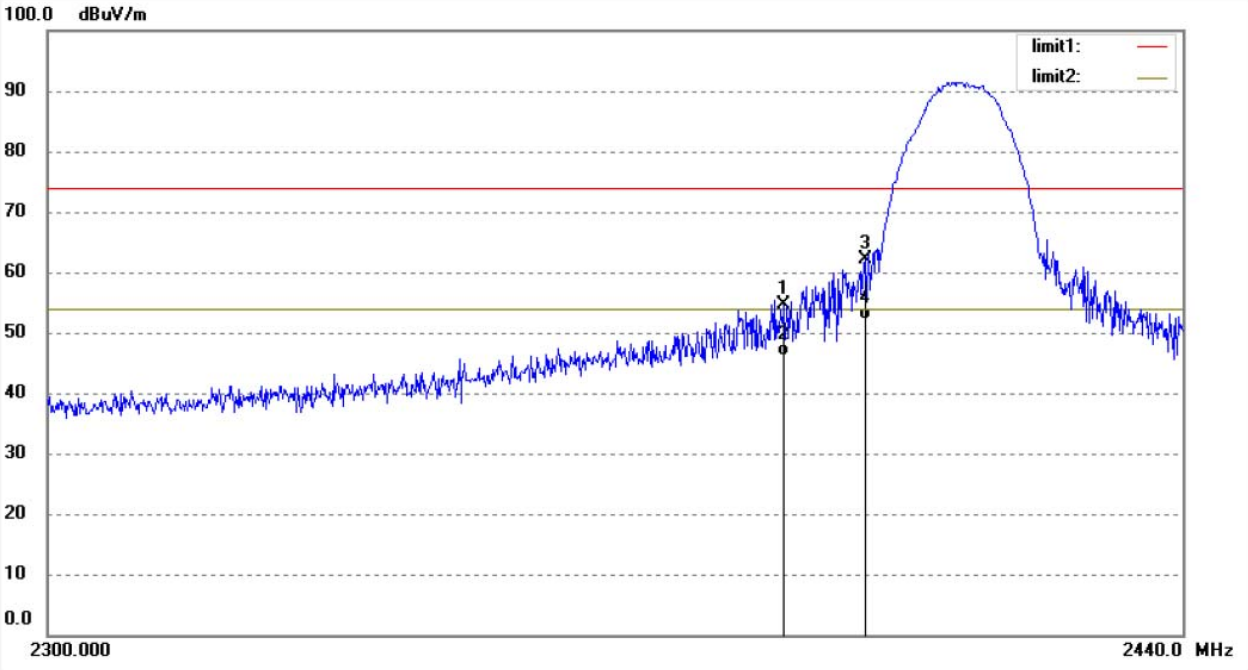
Job No.: S #1389	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:21:01
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2412MHz(802.11b)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	62.09	-7.53	54.56	74.00	-19.44	peak			
2	2390.000	53.64	-7.53	46.11	54.00	-7.89	AVG			
3	2400.000	69.51	-7.46	62.05	74.00	-11.95	peak			
4	2400.000	59.71	-7.46	52.25	54.00	-1.75	AVG			

Note: Average measurement with peak detection at No.2&4

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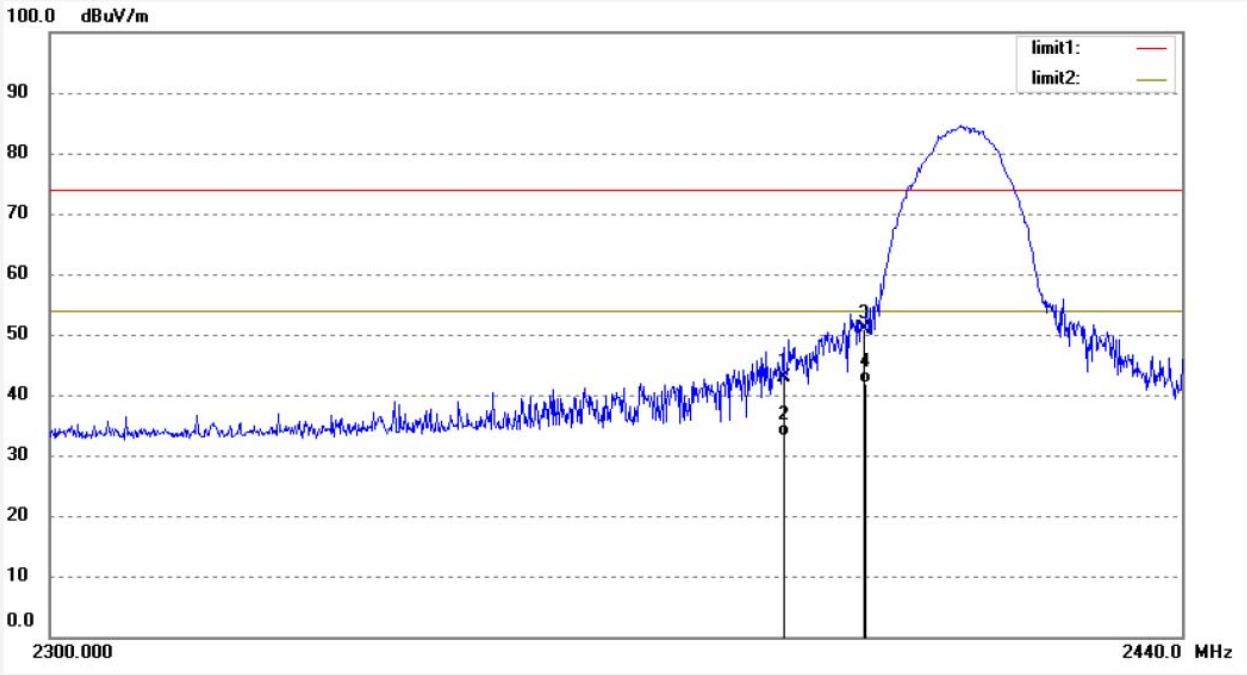
Job No.: S #1390	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:22:01
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2412MHz(802.11b)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	50.30	-7.53	42.77	74.00	-31.23	peak			
2	2390.000	40.69	-7.53	33.16	54.00	-20.84	AVG			
3	2400.000	58.37	-7.46	50.91	74.00	-23.09	peak			
4	2400.000	49.37	-7.46	41.91	54.00	-12.09	AVG			

Note: Average measurement with peak detection at No.2&4

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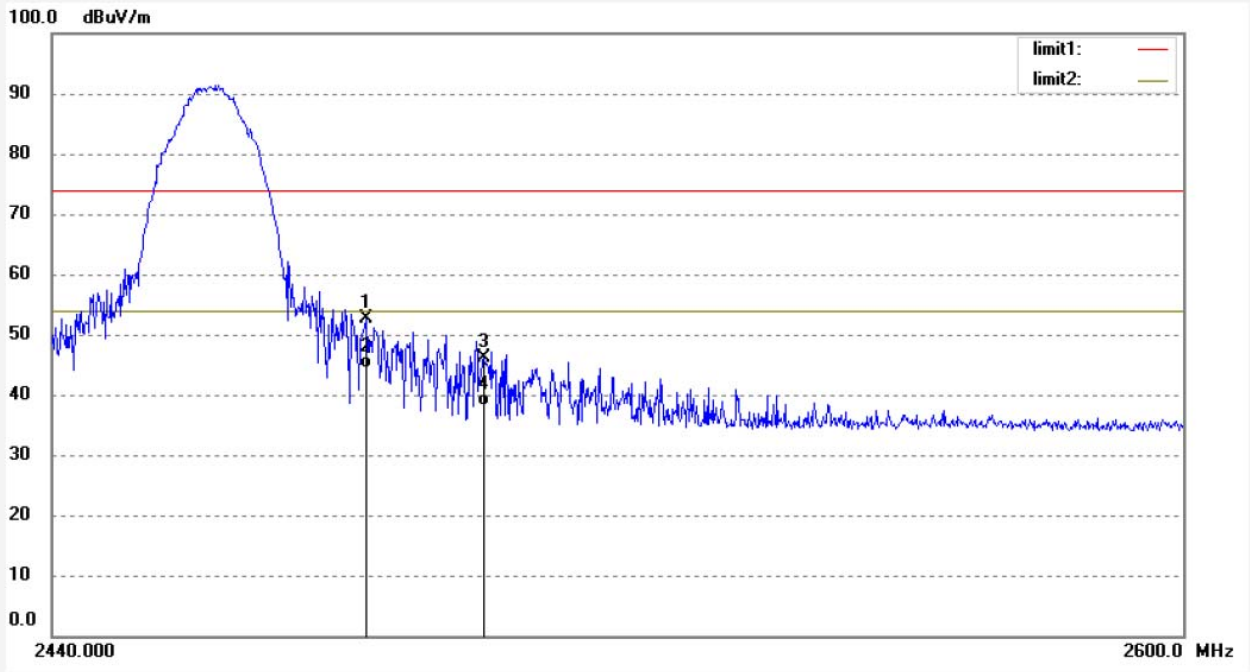
Job No.: S #1392
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Smart Home Storage
Mode: TX 2462MHz(802.11b)
Model: SSM-F100
Manufacturer: MAYA

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2017/01/25
Time: 19:24:10
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	60.01	-7.37	52.64	74.00	-21.36	peak			
2	2483.500	51.71	-7.37	44.34	54.00	-9.66	AVG			
3	2500.000	53.52	-7.40	46.12	74.00	-27.88	peak			
4	2500.000	45.55	-7.40	38.15	54.00	-15.85	AVG			

Note: Average measurement with peak detection at No.2&4

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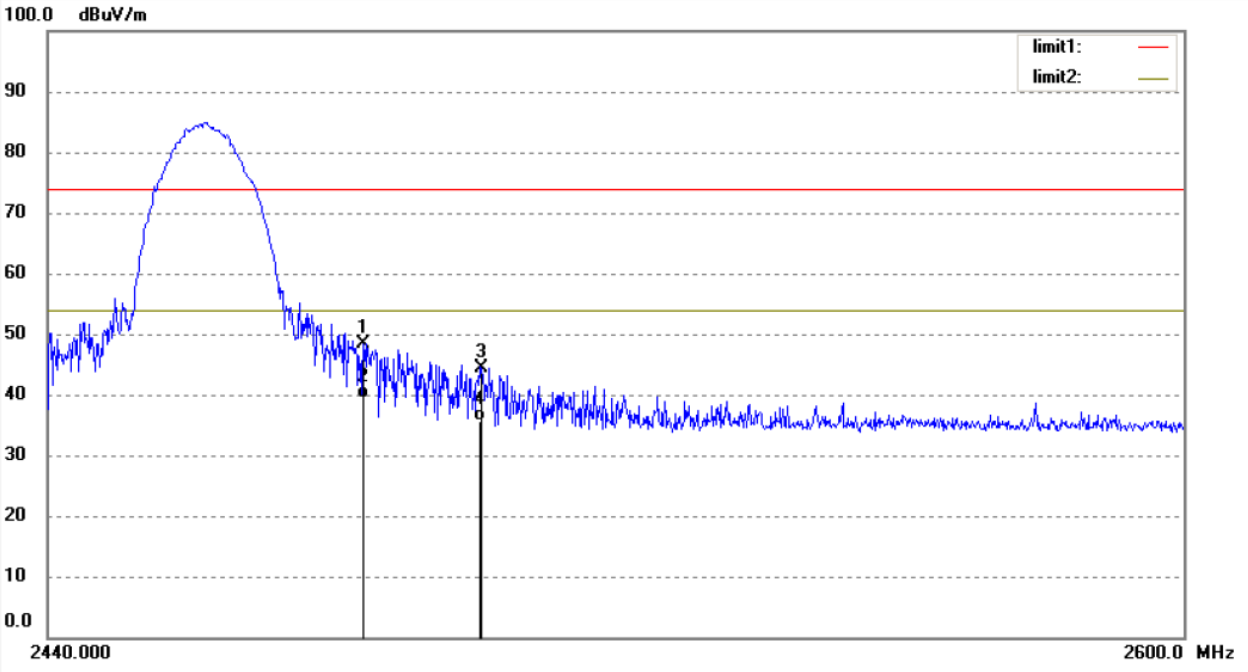
Job No.: S #1391	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:23:28
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2462MHz(802.11b)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	55.84	-7.37	48.47	74.00	-25.53	peak			
2	2483.500	46.78	-7.37	39.41	54.00	-14.59	AVG			
3	2500.000	51.70	-7.40	44.30	74.00	-29.70	peak			
4	2500.000	43.09	-7.40	35.69	54.00	-18.31	AVG			

Note: Average measurement with peak detection at No.2&4

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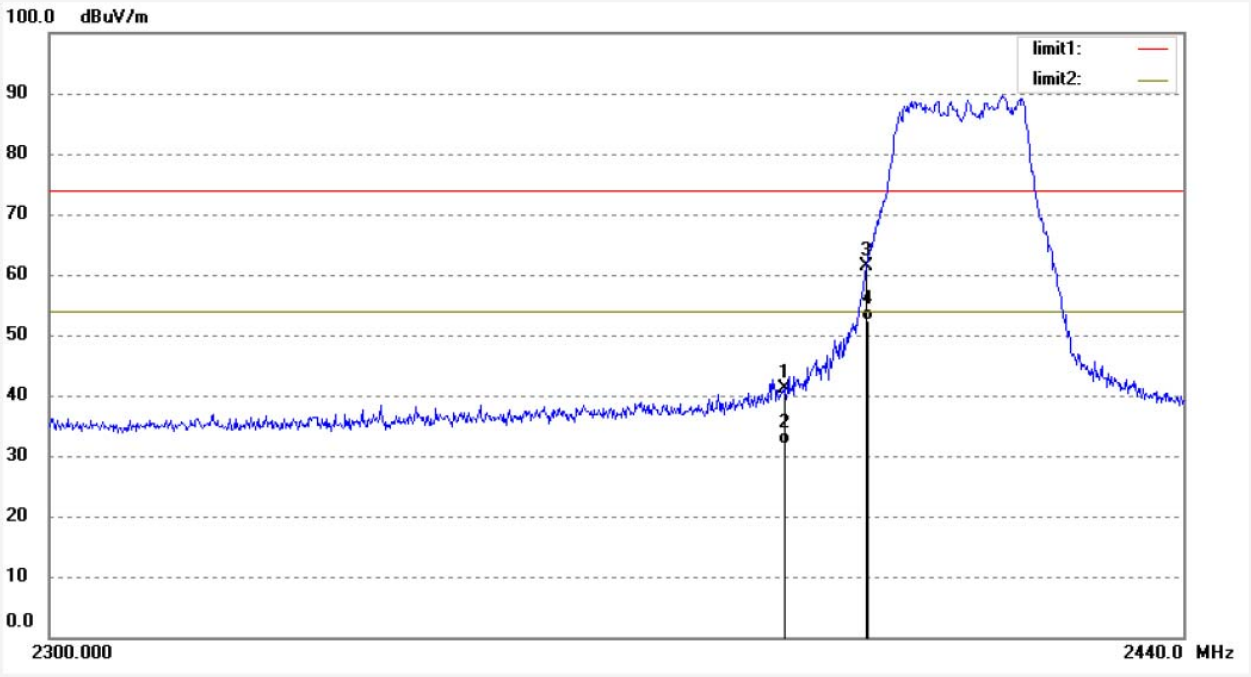
Job No.: S #1396	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:29:22
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2412MHz(802.11g)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	48.63	-7.53	41.10	74.00	-32.90	peak			
2	2390.000	39.41	-7.53	31.88	54.00	-22.12	AVG			
3	2400.000	68.88	-7.46	61.42	74.00	-12.58	peak			
4	2400.000	59.77	-7.46	52.31	54.00	-1.69	AVG			

Note: Average measurement with peak detection at No.2&4

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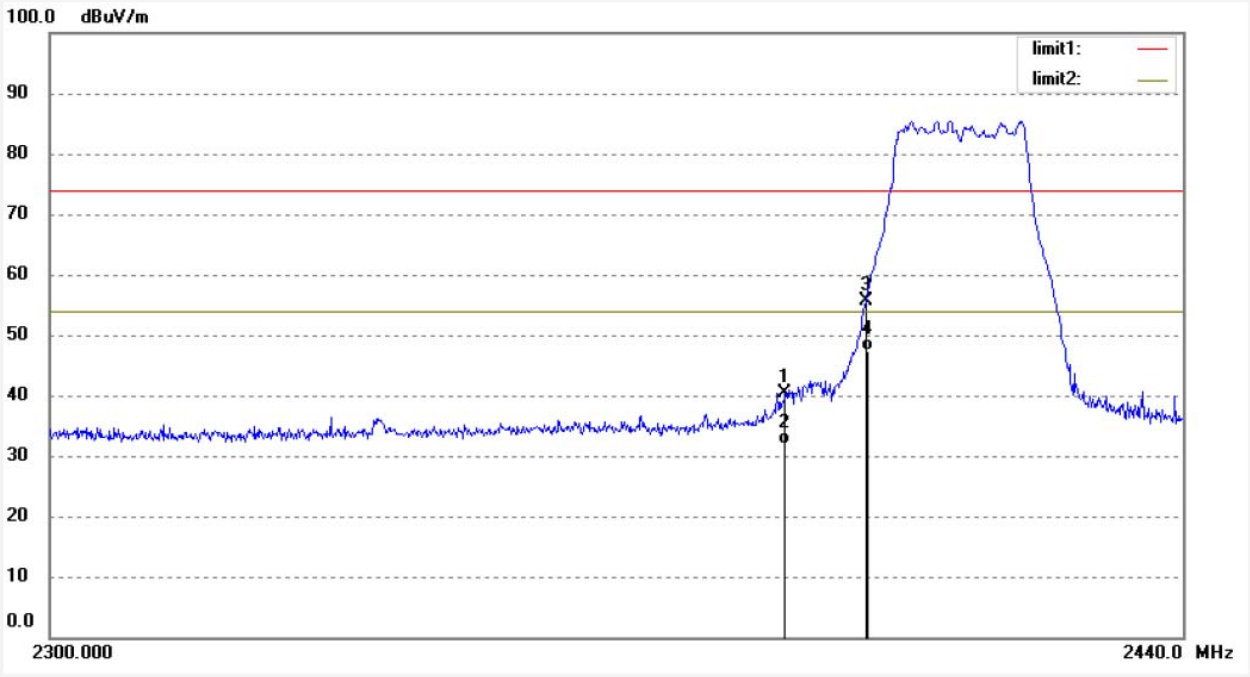
Job No.: S #1395	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:28:27
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2412MHz(802.11g)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	47.81	-7.53	40.28	74.00	-33.72	peak			
2	2390.000	39.35	-7.53	31.82	54.00	-22.18	AVG			
3	2400.000	63.20	-7.46	55.74	74.00	-18.26	peak			
4	2400.000	54.78	-7.46	47.32	54.00	-6.68	AVG			

Note: Average measurement with peak detection at No.2&4

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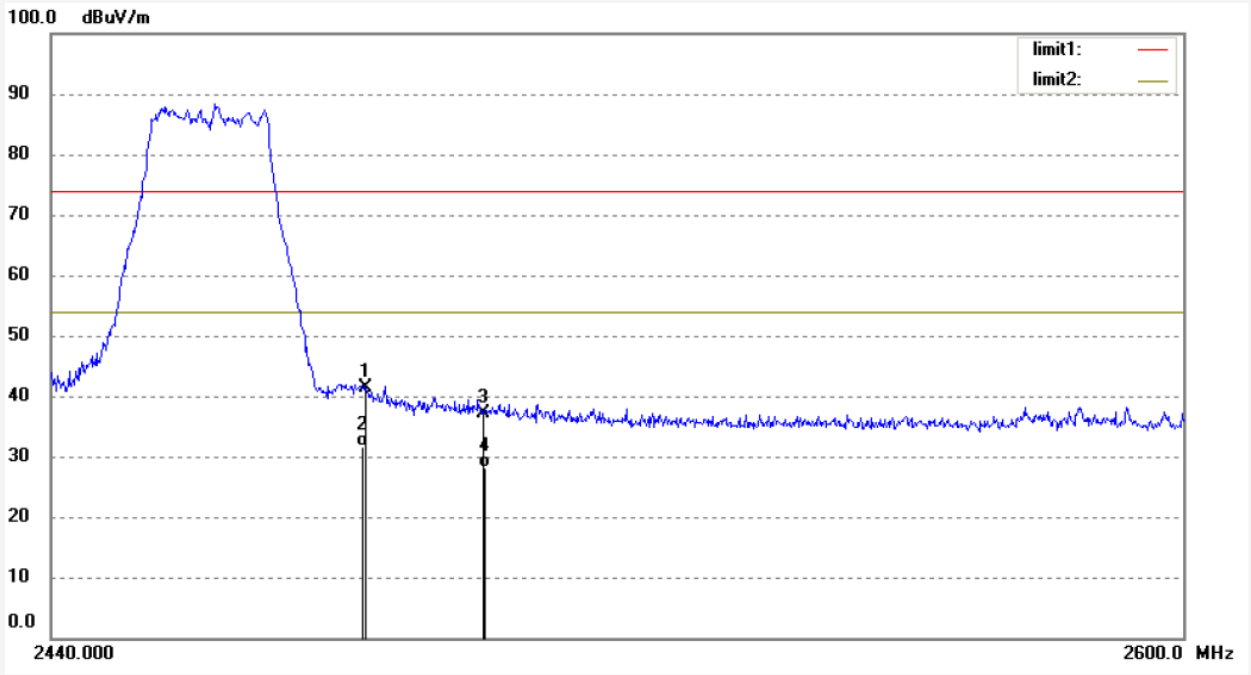
Job No.: S #1393
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Smart Home Storage
Mode: TX 2462MHz(802.11g)
Model: SSM-F100
Manufacturer: MAYA

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2017/01/25
Time: 19:25:57
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	48.81	-7.37	41.44	74.00	-32.56	peak			
2	2483.500	39.00	-7.37	31.63	54.00	-22.37	AVG			
3	2500.000	44.51	-7.40	37.11	74.00	-36.89	peak			
4	2500.000	35.45	-7.40	28.05	54.00	-25.95	AVG			

Note: Average measurement with peak detection at No.2&4

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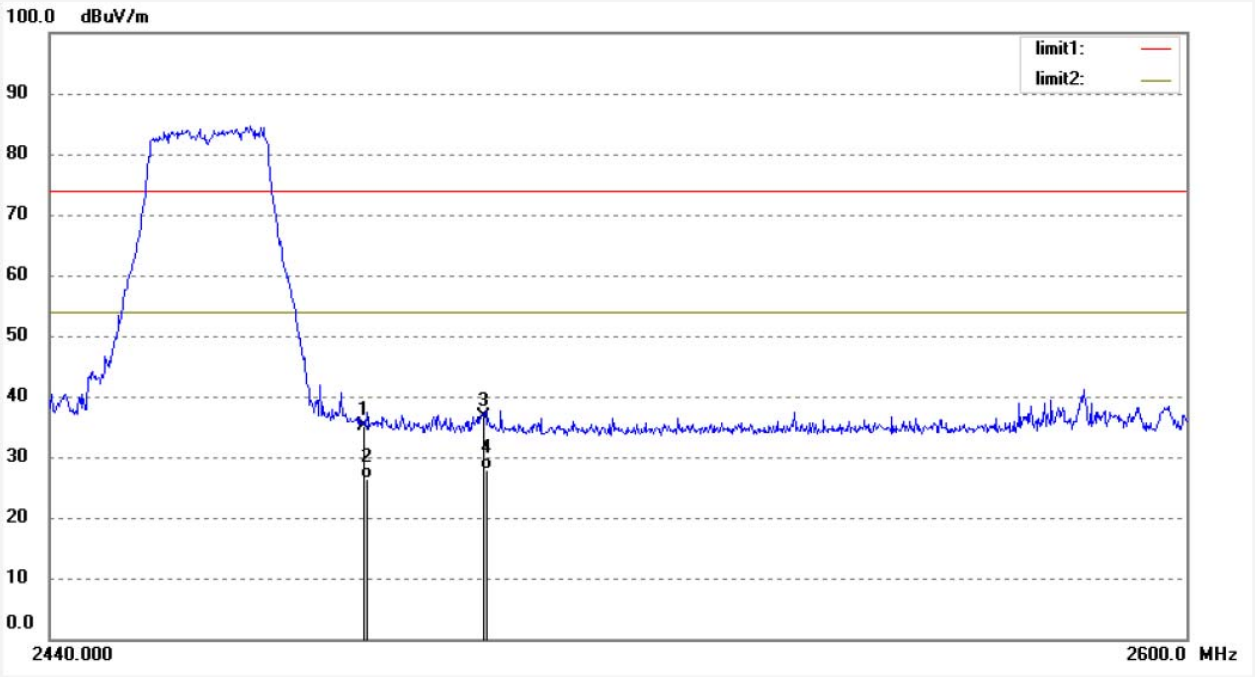
Job No.: S #1394	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:26:45
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2462MHz(802.11g)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	42.38	-7.37	35.01	74.00	-38.99	peak			
2	2483.500	33.81	-7.37	26.44	54.00	-27.56	AVG			
3	2500.000	43.93	-7.40	36.53	74.00	-37.47	peak			
4	2500.000	35.28	-7.40	27.88	54.00	-26.12	AVG			

Note: Average measurement with peak detection at No.2&4

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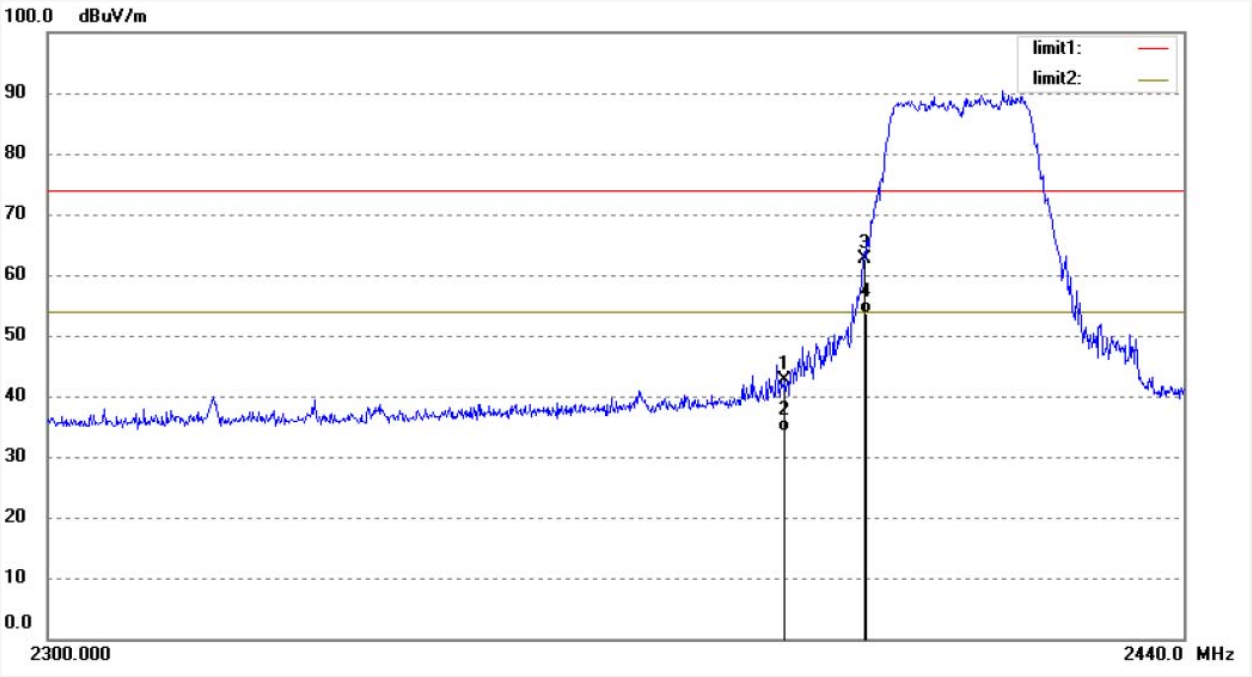
Job No.: S #1397	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:30:48
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2412MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	50.16	-7.53	42.63	74.00	-31.37	peak			
2	2390.000	41.74	-7.53	34.21	54.00	-19.79	AVG			
3	2400.000	70.04	-7.46	62.58	74.00	-11.42	peak			
4	2400.000	61.00	-7.46	53.54	54.00	-0.46	AVG			

Note: Average measurement with peak detection at No.2&4

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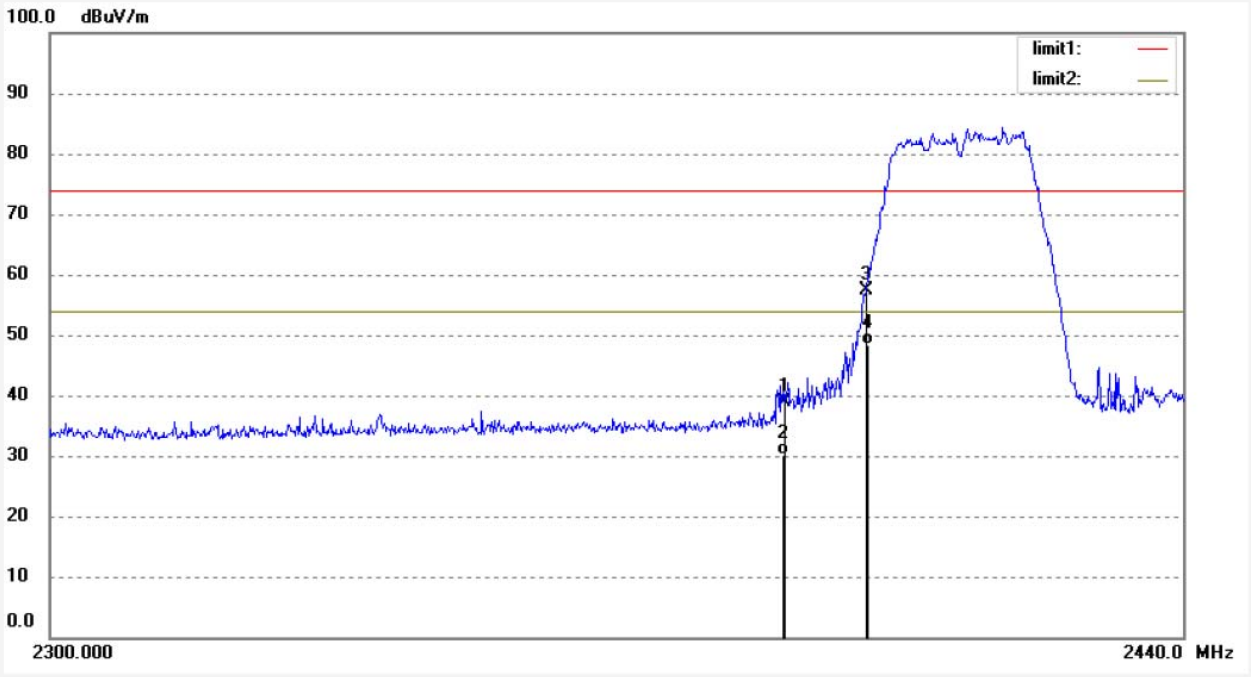
Job No.: S#1398	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:31:44
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2412MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	46.41	-7.53	38.88	74.00	-35.12	peak			
2	2390.000	37.69	-7.53	30.16	54.00	-23.84	AVG			
3	2400.000	64.89	-7.46	57.43	74.00	-16.57	peak			
4	2400.000	55.72	-7.46	48.26	54.00	-5.74	AVG			

Note: Average measurement with peak detection at No.2&4

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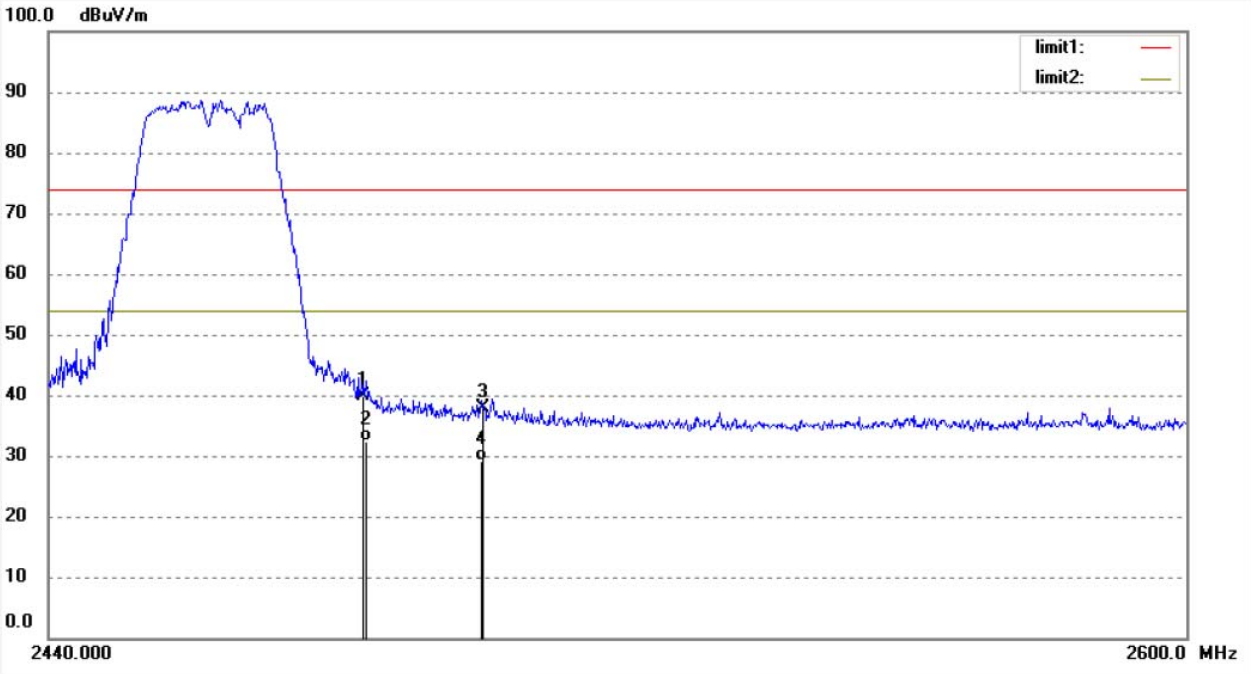
Job No.: S #1400	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:34:03
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2462MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	47.26	-7.37	39.89	74.00	-34.11	peak			
2	2483.500	39.67	-7.37	32.30	54.00	-21.70	AVG			
3	2500.000	45.37	-7.40	37.97	74.00	-36.03	peak			
4	2500.000	36.51	-7.40	29.11	54.00	-24.89	AVG			

Note: Average measurement with peak detection at No.2&4

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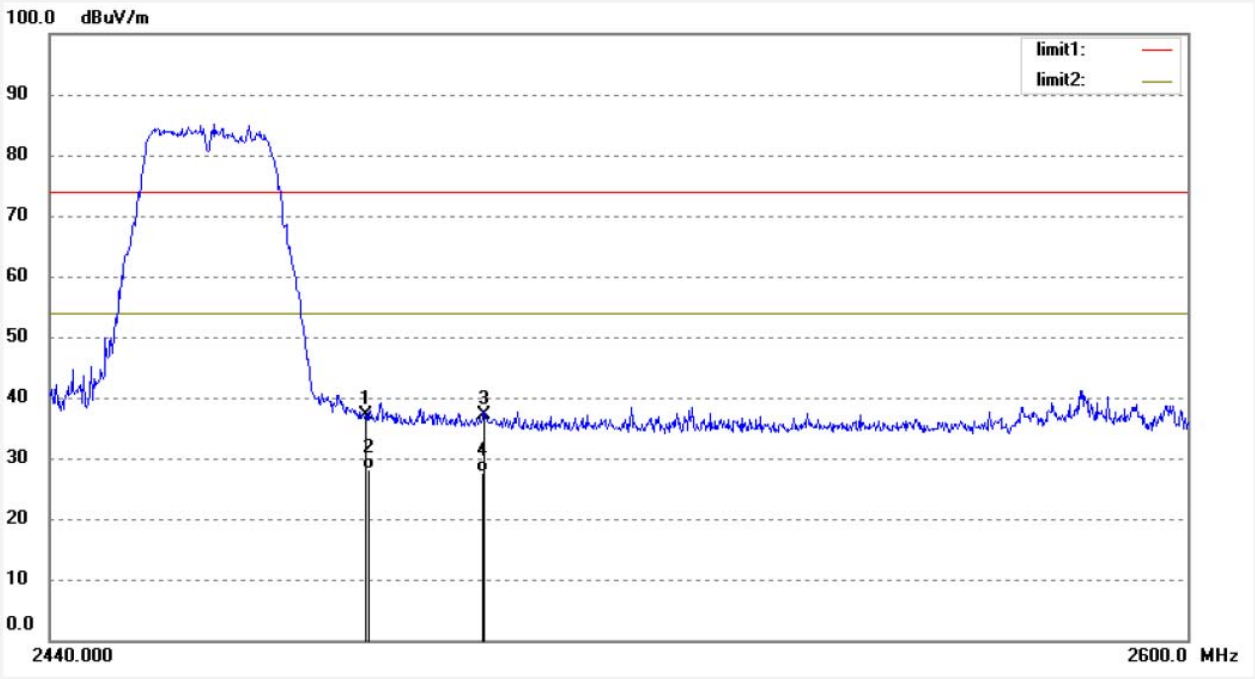
Job No.: S #1399	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:33:12
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2462MHz(802.11n20)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	44.43	-7.37	37.06	74.00	-36.94	peak			
2	2483.500	35.62	-7.37	28.25	54.00	-25.75	AVG			
3	2500.000	44.64	-7.40	37.24	74.00	-36.76	peak			
4	2500.000	35.11	-7.40	27.71	54.00	-26.29	AVG			

Note: Average measurement with peak detection at No.2&4

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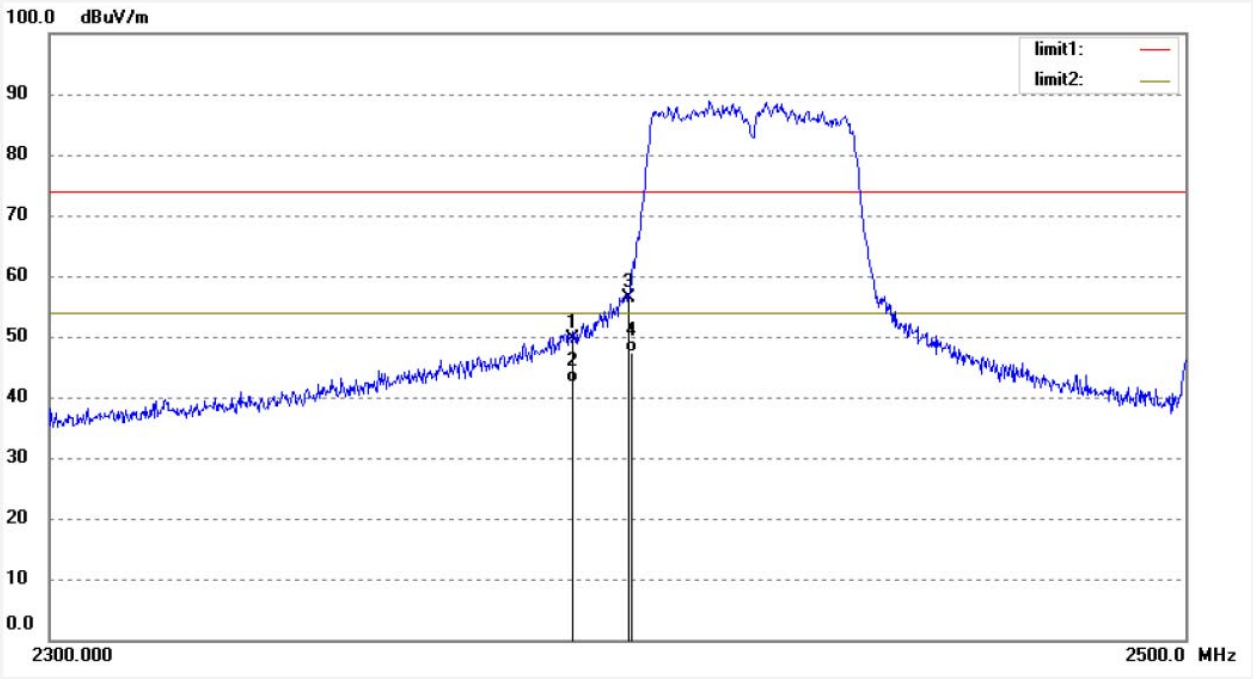
Job No.: S #1401	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:35:43
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2422MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	57.10	-7.53	49.57	74.00	-24.43	peak			
2	2390.000	50.00	-7.53	42.47	54.00	-11.53	AVG			
3	2400.000	63.73	-7.46	56.27	74.00	-17.73	peak			
4	2400.000	54.76	-7.46	47.30	54.00	-6.70	AVG			

Note: Average measurement with peak detection at No.2&4

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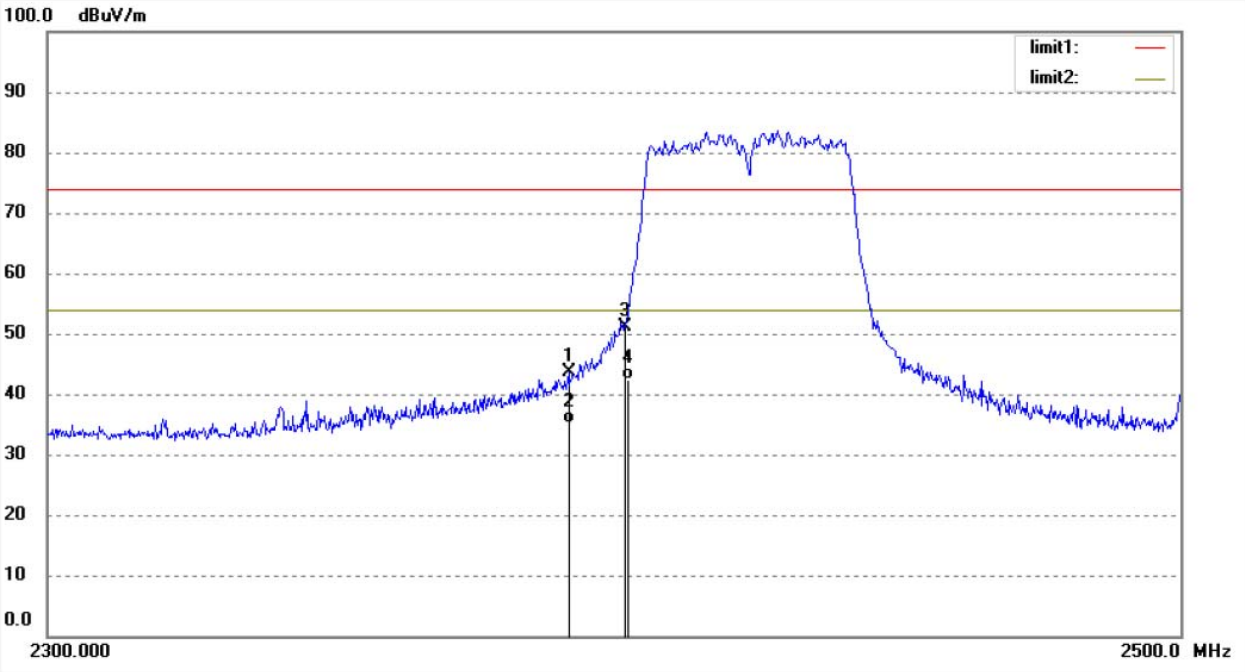
Job No.: S #1402	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:36:29
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2422MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	51.15	-7.53	43.62	74.00	-30.38	peak			
2	2390.000	42.63	-7.53	35.10	54.00	-18.90	AVG			
3	2400.000	58.70	-7.46	51.24	74.00	-22.76	peak			
4	2400.000	49.78	-7.46	42.32	54.00	-11.68	AVG			

Note: Average measurement with peak detection at No.2&4

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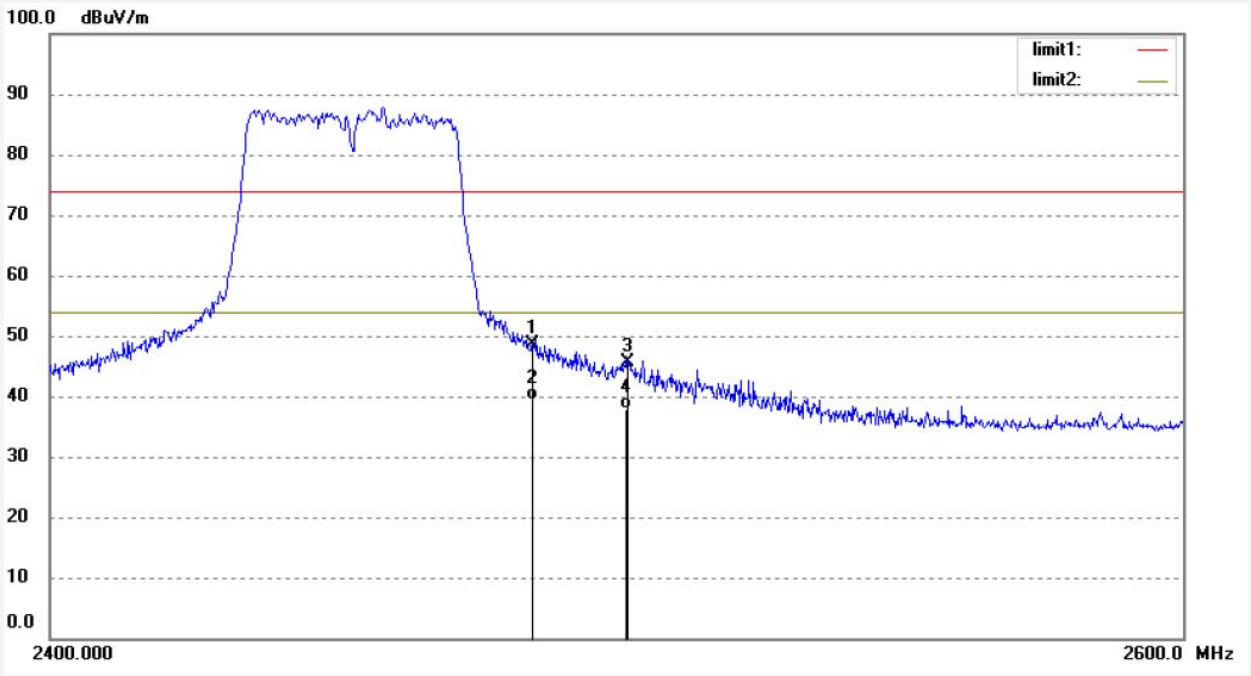
Job No.: S #1404	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:38:54
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2452MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	55.98	-7.37	48.61	74.00	-25.39	peak			
2	2483.500	46.83	-7.37	39.46	54.00	-14.54	AVG			
3	2500.000	53.04	-7.40	45.64	74.00	-28.36	peak			
4	2500.000	45.36	-7.40	37.96	54.00	-16.04	AVG			

Note: Average measurement with peak detection at No.2&4

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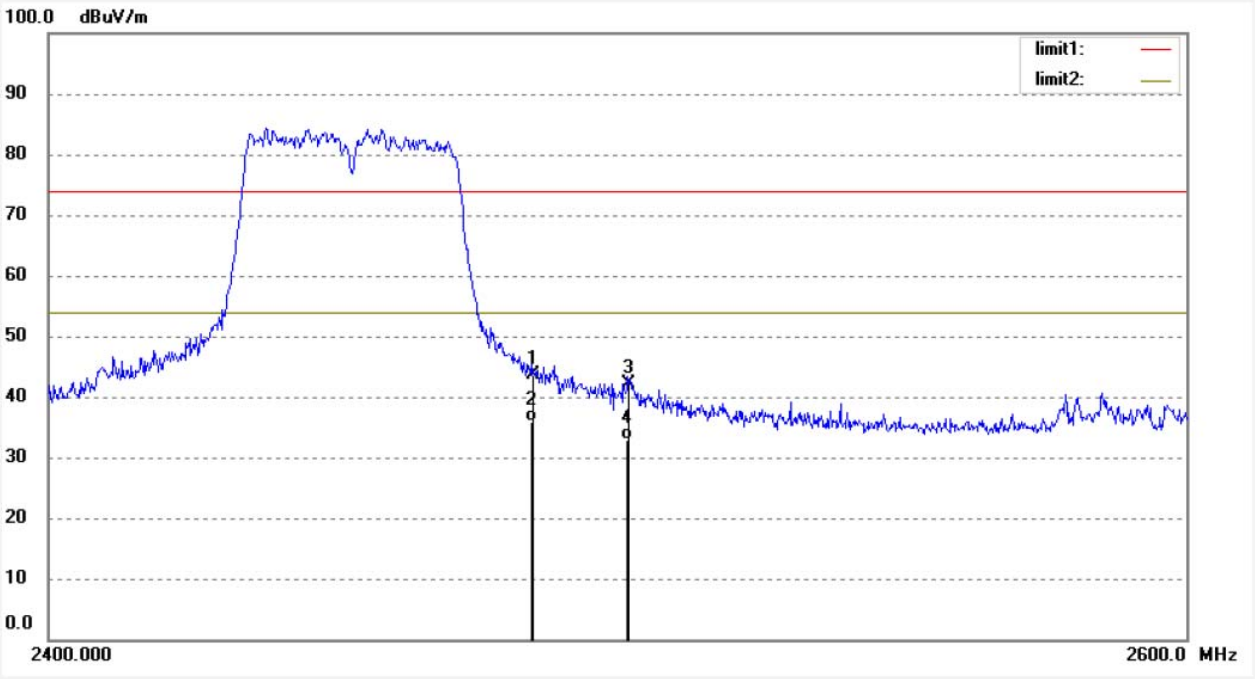
Job No.: S #1403	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2017/01/25
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 19:37:53
EUT: Smart Home Storage	Engineer Signature:
Mode: TX 2452MHz(802.11n40)	Distance: 3m
Model: SSM-F100	
Manufacturer: MAYA	

Note: Report NO.:ATE20162362



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	51.05	-7.37	43.68	74.00	-30.32	peak			
2	2483.500	43.17	-7.37	35.80	54.00	-18.20	AVG			
3	2500.000	49.63	-7.40	42.23	74.00	-31.77	peak			
4	2500.000	40.35	-7.40	32.95	54.00	-21.05	AVG			

Note: Average measurement with peak detection at No.2&4

12. ANTENNA REQUIREMENT

12.1. 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.

12.2. Antenna Construction

Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Max Antenna gain of each antenna is 3dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.