

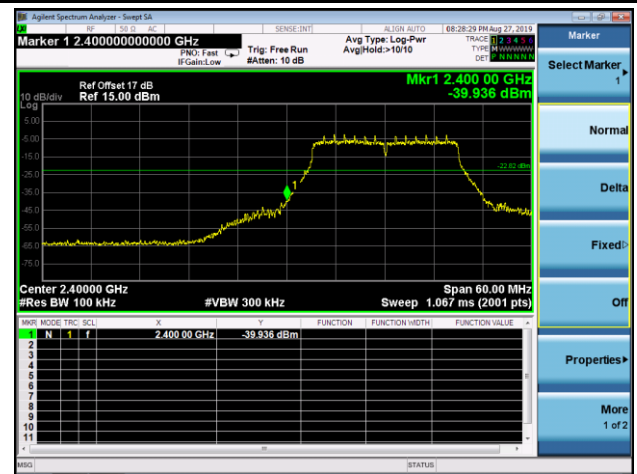
802.11n-HT20 Out-of-Band Emissions

Channel 01 (2412MHz)

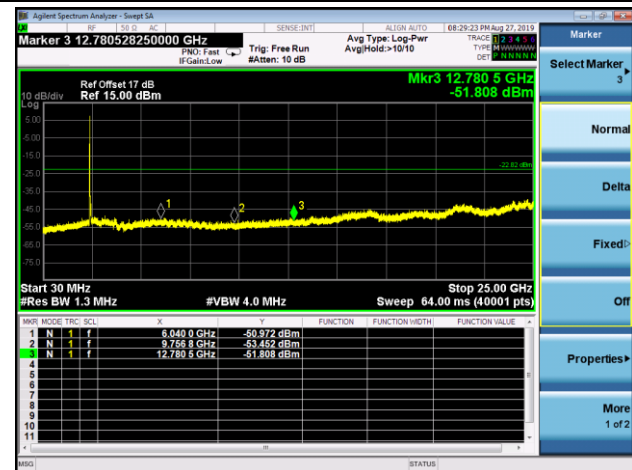
100kHz PSD Reference Level



Low Band Edge

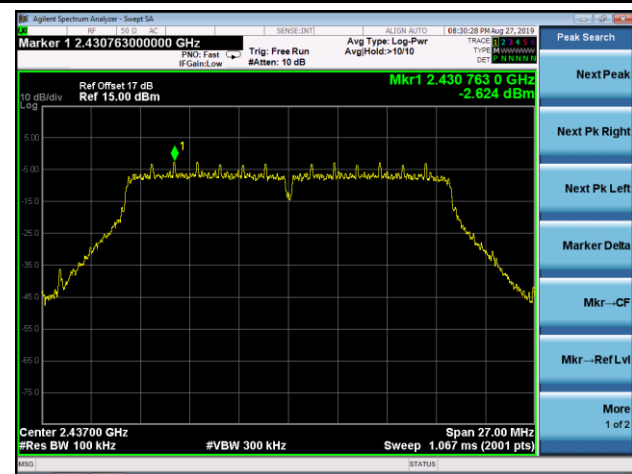


Spurious Emission

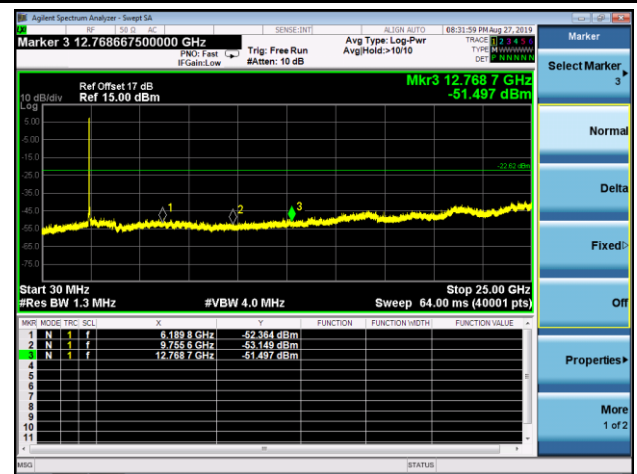


Channel 06 (2437MHz)

100kHz PSD Reference Level



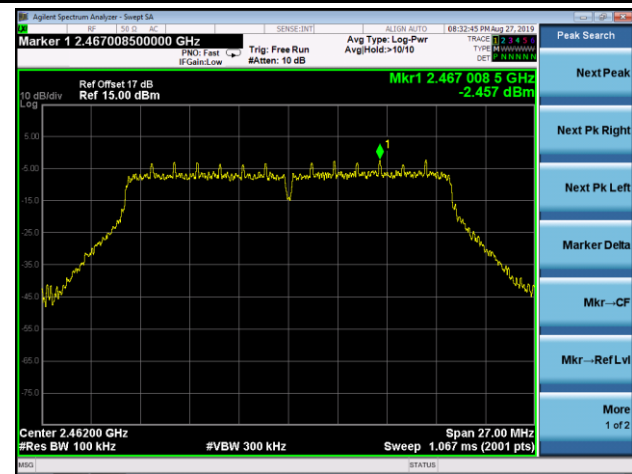
Spurious Emission



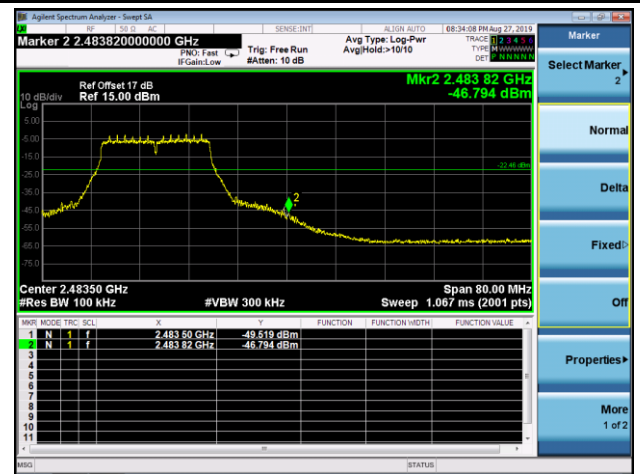
802.11n-HT20 Out-of-Band Emissions

Channel 11 (2462MHz)

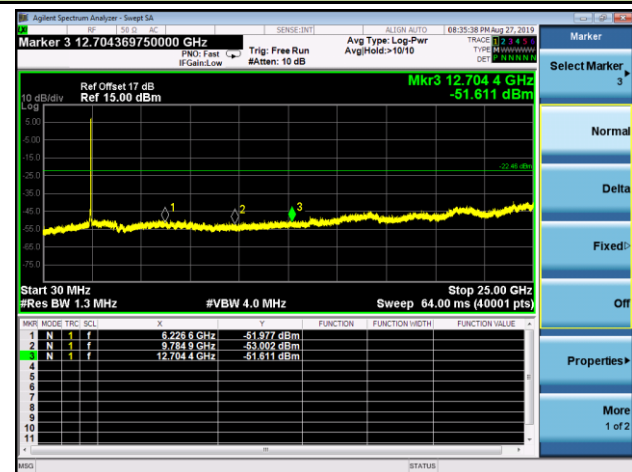
100kHz PSD Reference Level



High Band Edge



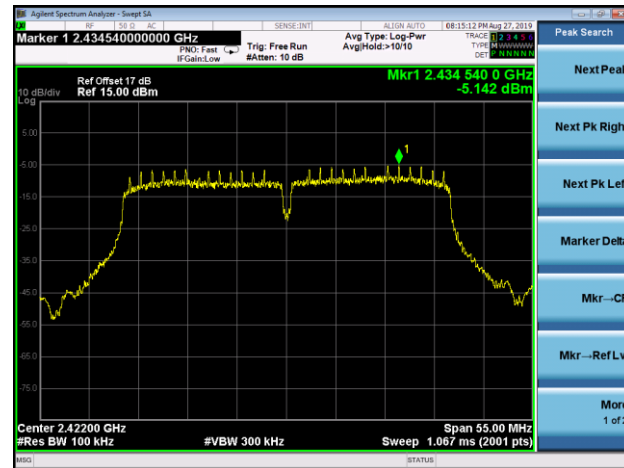
Spurious Emission



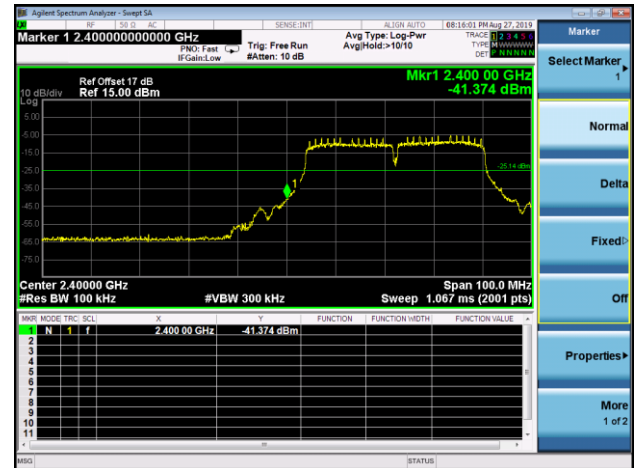
802.11n-HT40 Out-of-Band Emissions

Channel 03 (2422MHz)

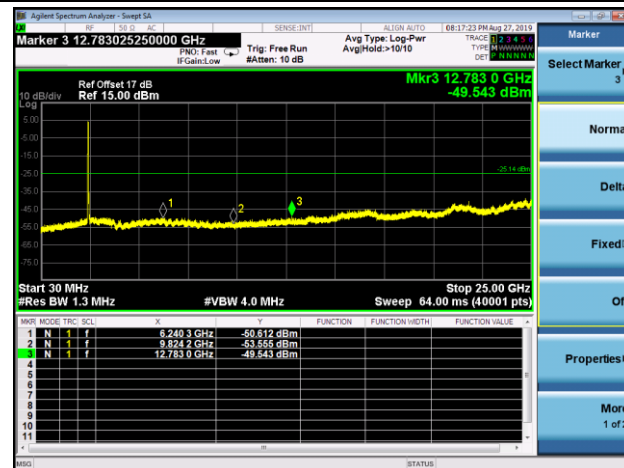
100kHz PSD Reference Level



Low Band Edge

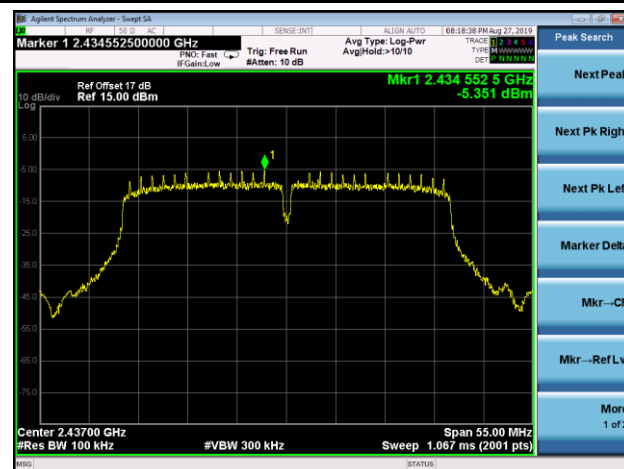


Spurious Emission

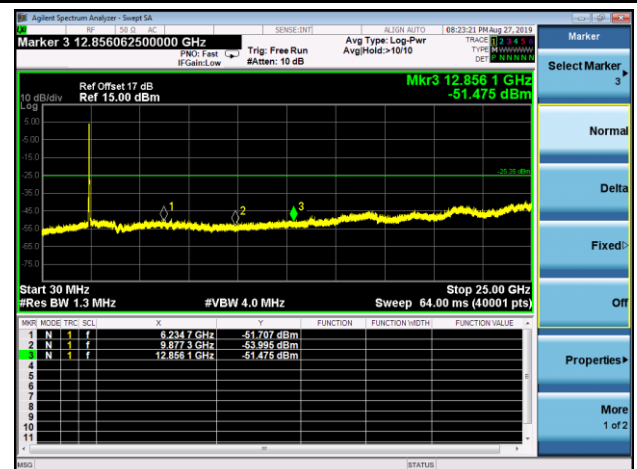


Channel 06 (2437MHz)

100kHz PSD Reference Level



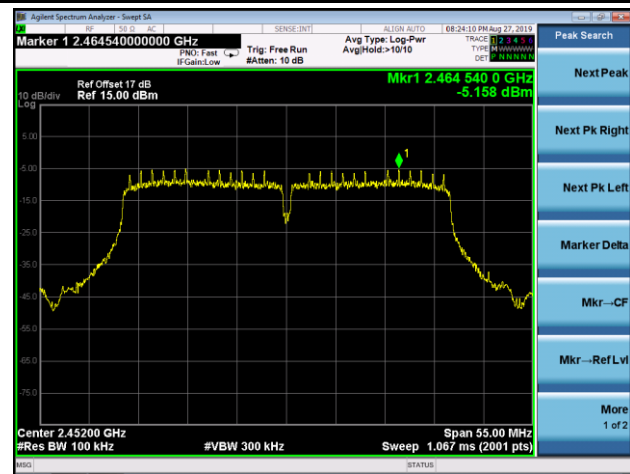
Spurious Emission



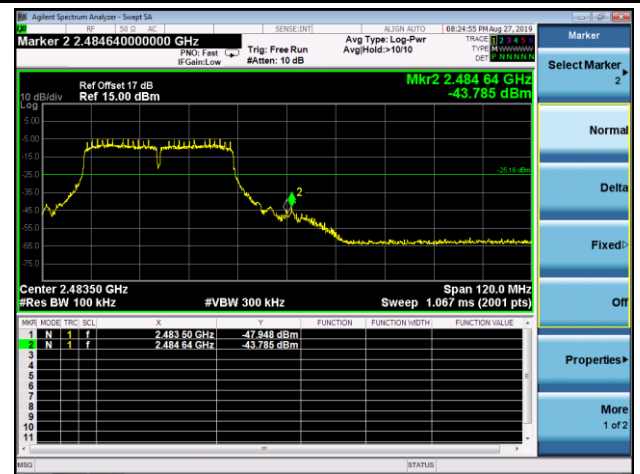
802.11n-HT40 Out-of-Band Emissions

Channel 09 (2452MHz)

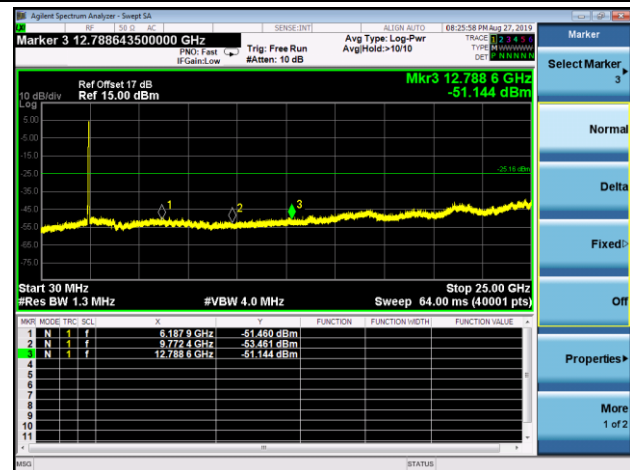
100kHz PSD Reference Level



High Band Edge



Spurious Emission



7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.6.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.6.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

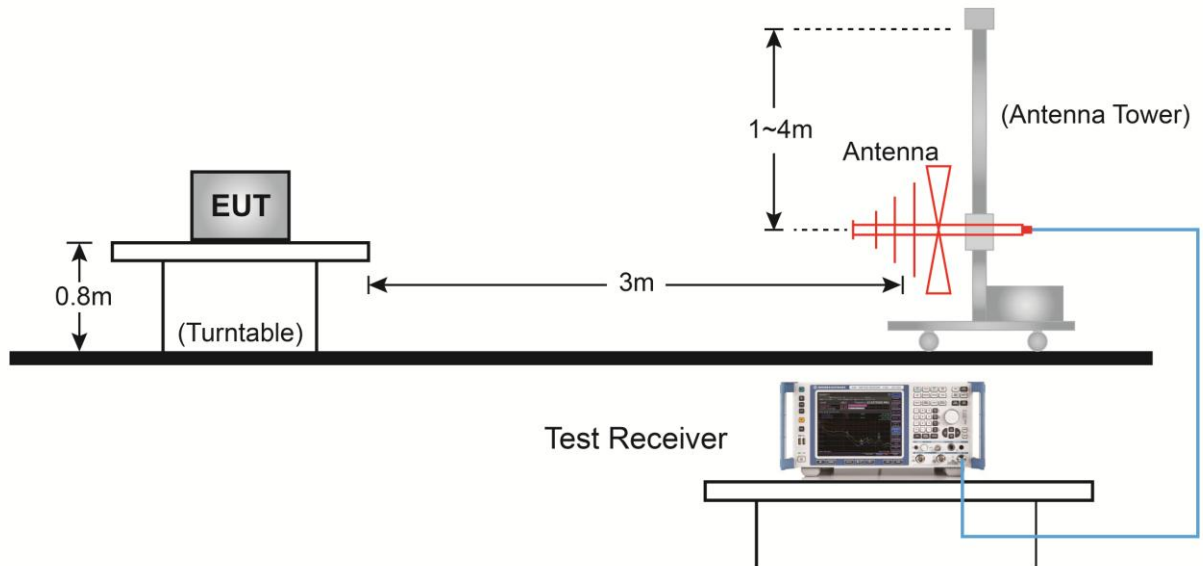
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

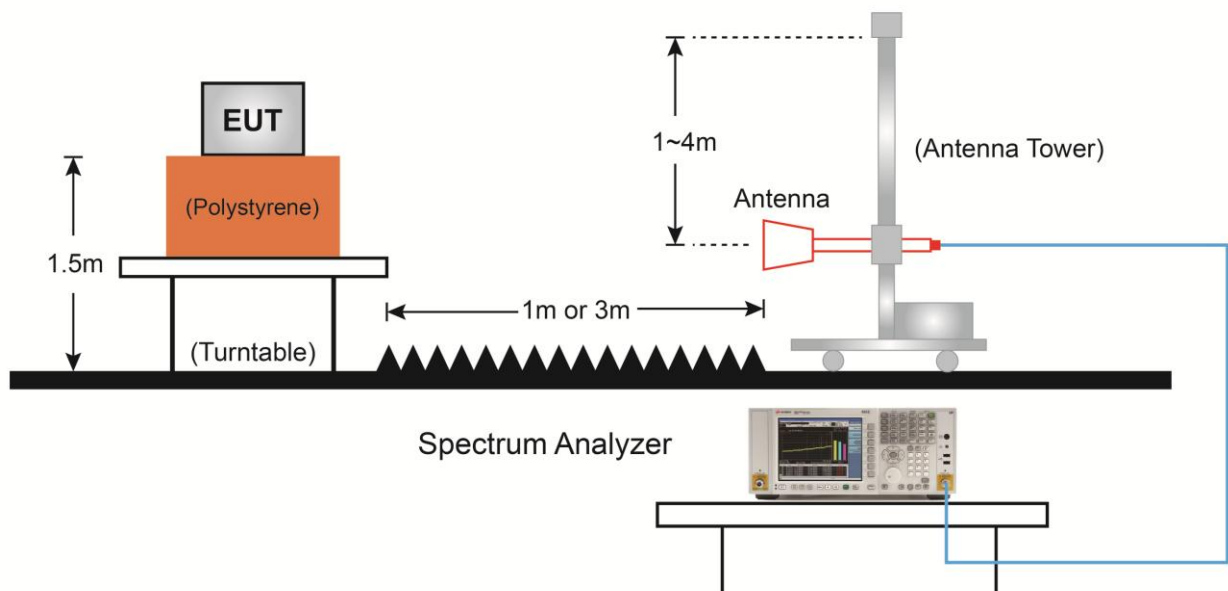
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.6.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.6.5. Test Result

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11b	Test Channel	01
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	5989.5	34.4	5.8	40.2	74.0	-33.8	Peak	Horizontal
*	6967.0	33.5	10.2	43.7	74.0	-30.3	Peak	Horizontal
	7409.0	31.9	11.6	43.5	74.0	-30.5	Peak	Horizontal
	8310.0	32.6	11.3	43.9	74.0	-30.1	Peak	Horizontal
*	5870.5	34.6	6.1	40.7	74.0	-33.3	Peak	Vertical
*	6533.5	33.8	8.5	42.3	74.0	-31.7	Peak	Vertical
	7545.0	32.5	11.9	44.4	74.0	-29.6	Peak	Vertical
	8420.5	31.9	11.4	43.3	74.0	-30.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (92.4dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11b	Test Channel	06
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6142.5	34.5	6.3	40.8	74.0	-33.2	Peak	Horizontal
*	6814.0	32.4	9.0	41.4	74.0	-32.6	Peak	Horizontal
	7417.5	31.6	11.7	43.3	74.0	-30.7	Peak	Horizontal
	8361.0	33.2	11.4	44.6	74.0	-29.4	Peak	Horizontal
*	5845.0	34.3	6.2	40.5	74.0	-33.5	Peak	Vertical
*	6780.0	33.6	8.7	42.3	74.0	-31.7	Peak	Vertical
	7366.5	30.4	11.9	42.3	74.0	-31.7	Peak	Vertical
	8361.0	31.6	11.4	43.0	74.0	-31.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (92.5dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11b	Test Channel	11
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6193.5	35.1	6.7	41.8	74.0	-32.2	Peak	Horizontal
*	6763.0	33.4	8.8	42.2	74.0	-31.8	Peak	Horizontal
	7545.0	33.9	11.9	45.8	74.0	-28.2	Peak	Horizontal
	8327.0	33.3	11.1	44.4	74.0	-29.6	Peak	Horizontal
*	6100.0	35.0	6.1	41.1	74.0	-32.9	Peak	Vertical
*	6950.0	33.9	10.0	43.9	74.0	-30.1	Peak	Vertical
	7426.0	33.2	11.9	45.1	74.0	-28.9	Peak	Vertical
	8293.0	32.5	11.4	43.9	74.0	-30.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (92.6dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11g	Test Channel	01
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6210.5	34.5	6.7	41.2	74.7	-33.5	Peak	Horizontal
*	6474.0	33.2	8.0	41.2	74.7	-33.5	Peak	Horizontal
	7366.5	33.6	11.9	45.5	74.0	-28.5	Peak	Horizontal
	8123.0	33.4	11.7	45.1	74.0	-28.9	Peak	Horizontal
*	6542.0	33.4	8.5	41.9	74.7	-32.8	Peak	Vertical
*	6848.0	33.6	9.1	42.7	74.7	-32.0	Peak	Vertical
	7468.5	32.7	11.8	44.5	74.0	-29.5	Peak	Vertical
	8497.0	32.8	11.5	44.3	74.0	-29.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (94.7dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11g	Test Channel	06
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6185.0	34.1	6.8	40.9	74.9	-34.0	Peak	Horizontal
*	6712.0	33.4	8.7	42.1	74.9	-32.8	Peak	Horizontal
	7494.0	32.5	12.0	44.5	74.0	-29.5	Peak	Horizontal
	8276.0	30.5	11.2	41.7	74.0	-32.3	Peak	Horizontal
*	5998.0	34.7	6.0	40.7	74.9	-34.2	Peak	Vertical
*	6508.0	33.1	8.4	41.5	74.9	-33.4	Peak	Vertical
	7647.0	32.3	11.3	43.6	74.0	-30.4	Peak	Vertical
	8174.0	32.2	11.6	43.8	74.0	-30.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (94.9dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11g	Test Channel	11
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6117.0	34.8	6.5	41.3	75.4	-34.1	Peak	Horizontal
*	6542.0	34.1	8.5	42.6	75.4	-32.8	Peak	Horizontal
	7562.0	33.8	11.6	45.4	74.0	-28.6	Peak	Horizontal
	8386.5	32.4	11.3	43.7	74.0	-30.3	Peak	Horizontal
*	6040.5	35.6	5.9	41.5	75.4	-33.9	Peak	Vertical
*	6916.0	33.2	9.9	43.1	75.4	-32.3	Peak	Vertical
	7494.0	32.6	12.0	44.6	74.0	-29.4	Peak	Vertical
	8352.5	32.9	11.3	44.2	74.0	-29.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.4dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11n-HT20	Test Channel	01
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	5819.5	34.8	5.7	40.5	75.3	-34.8	Peak	Horizontal
*	6567.5	34.8	8.2	43.1	75.3	-32.2	Peak	Horizontal
	7664.0	33.8	11.4	45.2	74.0	-28.8	Peak	Horizontal
	8361.0	33.1	11.4	44.5	74.0	-29.5	Peak	Horizontal
*	5819.5	34.5	5.7	40.2	75.3	-35.1	Peak	Vertical
*	6287.0	34.0	7.1	41.2	75.3	-34.1	Peak	Vertical
	7383.5	32.5	11.8	44.4	74.0	-29.6	Peak	Vertical
	8157.0	31.6	11.4	43.0	74.0	-31.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.3dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11n-HT20	Test Channel	06
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6100.0	35.0	6.1	41.1	75.3	-34.2	Peak	Horizontal
*	6975.5	32.8	10.3	43.2	75.3	-32.1	Peak	Horizontal
	7349.5	32.4	11.7	44.1	74.0	-29.9	Peak	Horizontal
	8165.5	33.3	11.5	44.8	74.0	-29.2	Peak	Horizontal
*	5785.5	34.6	5.6	40.3	75.3	-35.0	Peak	Vertical
*	6295.5	33.5	7.1	40.6	75.3	-34.7	Peak	Vertical
	7536.5	31.5	11.7	43.2	74.0	-30.8	Peak	Vertical
	8208.0	31.9	11.3	43.3	74.0	-30.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.3dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11n-HT20	Test Channel	11
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6108.5	35.3	6.3	41.7	75.3	-33.6	Peak	Horizontal
*	6542.0	33.6	8.5	42.0	75.3	-33.3	Peak	Horizontal
	7604.5	35.0	11.4	46.5	74.0	-27.5	Peak	Horizontal
	8242.0	31.3	11.4	42.7	74.0	-31.3	Peak	Horizontal
*	6108.5	35.3	6.3	41.7	75.3	-33.6	Peak	Vertical
*	6542.0	33.6	8.5	42.0	75.3	-33.3	Peak	Vertical
	7604.5	35.0	11.4	46.5	74.0	-27.5	Peak	Vertical
	8242.0	31.3	11.4	42.7	74.0	-31.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (95.3dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11n-HT40	Test Channel	03
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	5862.0	34.1	6.2	40.3	74.0	-33.7	Peak	Horizontal
*	6448.5	34.5	7.7	42.2	74.0	-31.8	Peak	Horizontal
	7468.5	31.7	11.8	43.4	74.0	-30.6	Peak	Horizontal
	8131.5	33.0	11.6	44.6	74.0	-29.4	Peak	Horizontal
*	5947.0	34.1	6.1	40.2	74.0	-33.8	Peak	Vertical
*	6822.5	34.3	9.0	43.4	74.0	-30.6	Peak	Vertical
	7324.0	33.3	12.0	45.2	74.0	-28.8	Peak	Vertical
	8361.0	33.0	11.4	44.4	74.0	-29.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (92.6dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11n-HT40	Test Channel	06
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6168.0	34.5	6.7	41.1	74.0	-32.9	Peak	Horizontal
*	6652.5	33.6	8.4	42.0	74.0	-32.0	Peak	Horizontal
	7579.0	33.7	11.5	45.2	74.0	-28.8	Peak	Horizontal
	8250.5	32.4	11.3	43.7	74.0	-30.3	Peak	Horizontal
*	5947.0	34.3	6.1	40.4	74.0	-33.6	Peak	Vertical
*	6210.5	33.0	6.7	39.6	74.0	-34.4	Peak	Vertical
	7511.0	32.3	11.6	43.9	74.0	-30.1	Peak	Vertical
	8293.0	32.8	11.4	44.2	74.0	-29.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (92.3dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	SmartLink TPMS Tablet	Temperature	25°C
Test Engineer	Cloud Guo	Relative Humidity	54%
Test Site	AC2	Test Date	2019/08/24
Test Mode	802.11n-HT40	Test Channel	09
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6185.0	34.8	6.8	41.6	74.0	-32.4	Peak	Horizontal
*	6788.5	34.6	8.7	43.4	74.0	-30.6	Peak	Horizontal
	7545.0	33.6	11.9	45.5	74.0	-28.5	Peak	Horizontal
	8191.0	33.0	11.6	44.6	74.0	-29.4	Peak	Horizontal
*	5853.5	34.0	6.2	40.2	74.0	-33.8	Peak	Vertical
*	6329.5	32.0	6.8	38.8	74.0	-35.2	Peak	Vertical
	7596.0	34.8	11.5	46.4	74.0	-27.6	Peak	Vertical
	8429.0	33.6	11.3	45.0	74.0	-29.0	Peak	Vertical

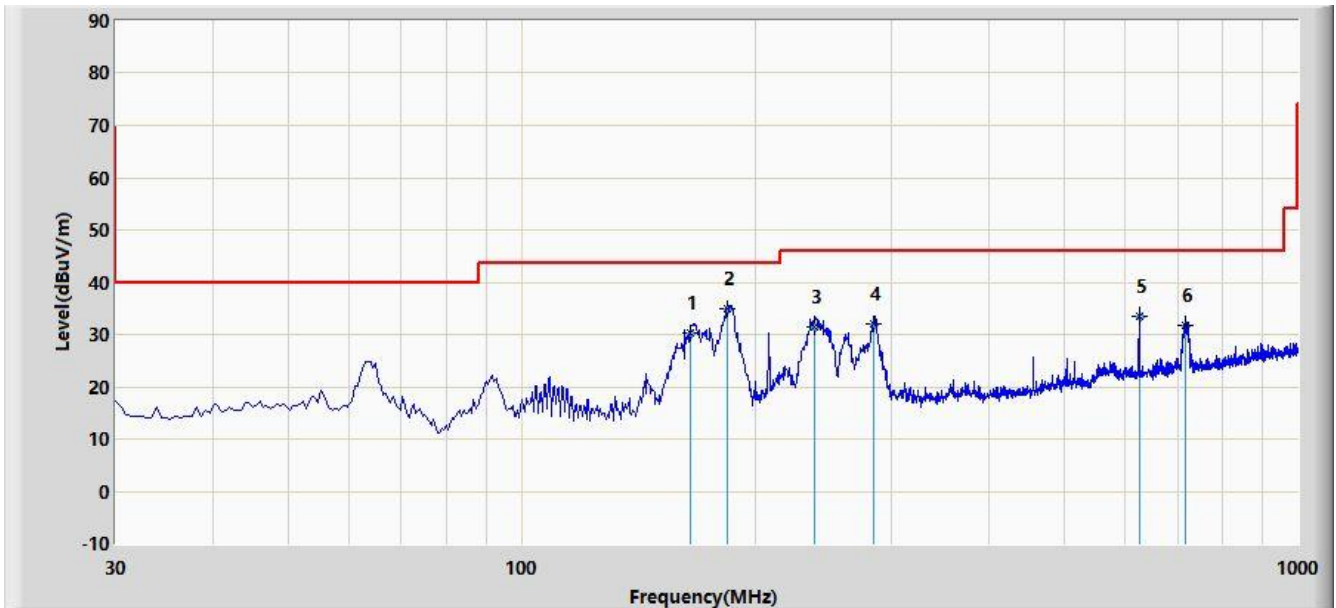
Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (92.0dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Worst Case of Radiated Emission below 1GHz:

Site: AC2	Time: 2019/08/27 - 23:19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at Channel 2437MHz	



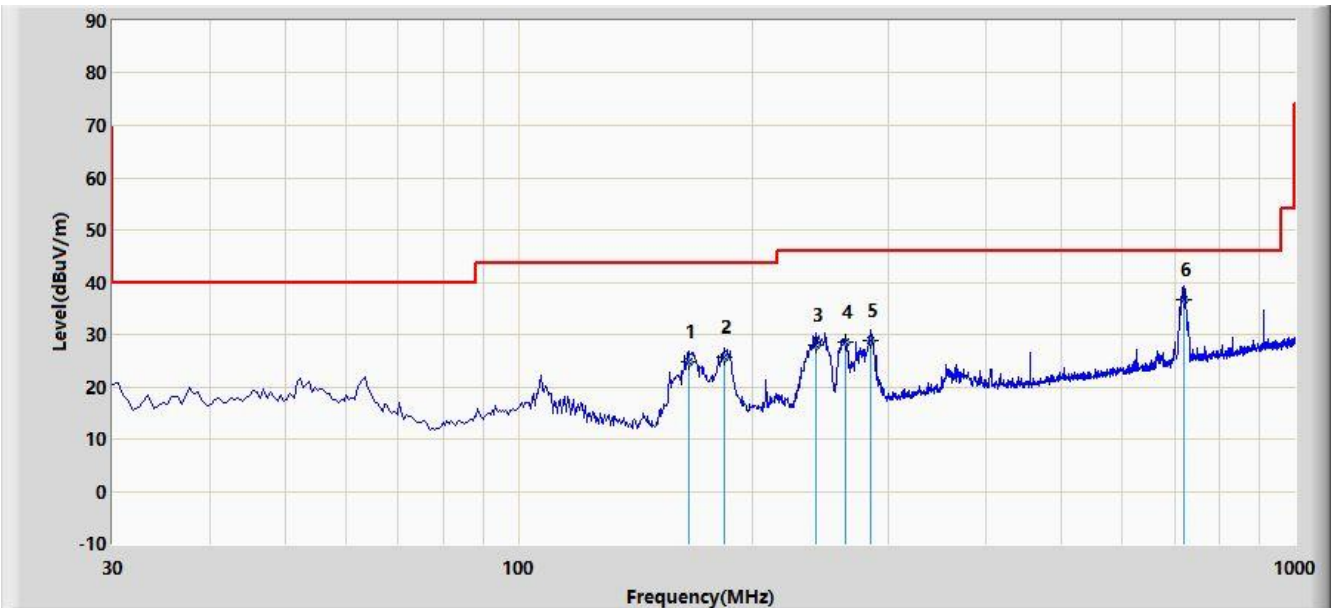
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			165.315	30.185	20.310	-13.315	43.500	9.875	QP
2		*	184.230	34.981	23.870	-8.519	43.500	11.111	QP
3			238.065	31.509	18.370	-14.491	46.000	13.139	QP
4			284.140	31.907	17.900	-14.093	46.000	14.008	QP
5			624.610	33.601	13.640	-12.399	46.000	19.961	QP
6			715.790	31.883	10.490	-14.117	46.000	21.393	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

Site: AC2	Time: 2019/08/27 - 23:20
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at Channel 2437MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			165.800	24.926	15.030	-18.574	43.500	9.896	QP
2			184.230	25.791	14.680	-17.709	43.500	11.111	QP
3			241.945	28.067	14.810	-17.933	46.000	13.257	QP
4			263.770	28.496	14.790	-17.504	46.000	13.706	QP
5			283.655	28.704	14.700	-17.296	46.000	14.004	QP
6		*	720.155	36.730	15.290	-9.270	46.000	21.440	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (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	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15.209 Limit		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For RSS-Gen Section 8.10 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.525525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	--
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138	--	

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen must not exceed the limits shown in Table per Section 8.9.

RSS-Gen Section 8.9		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.7.3.Test Setting

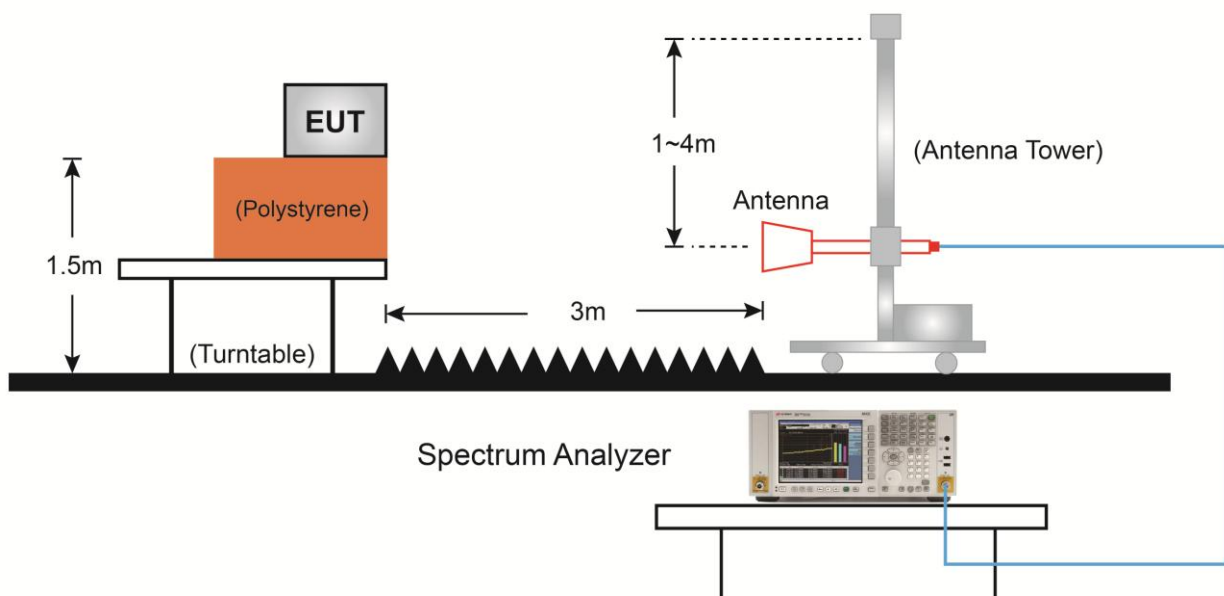
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

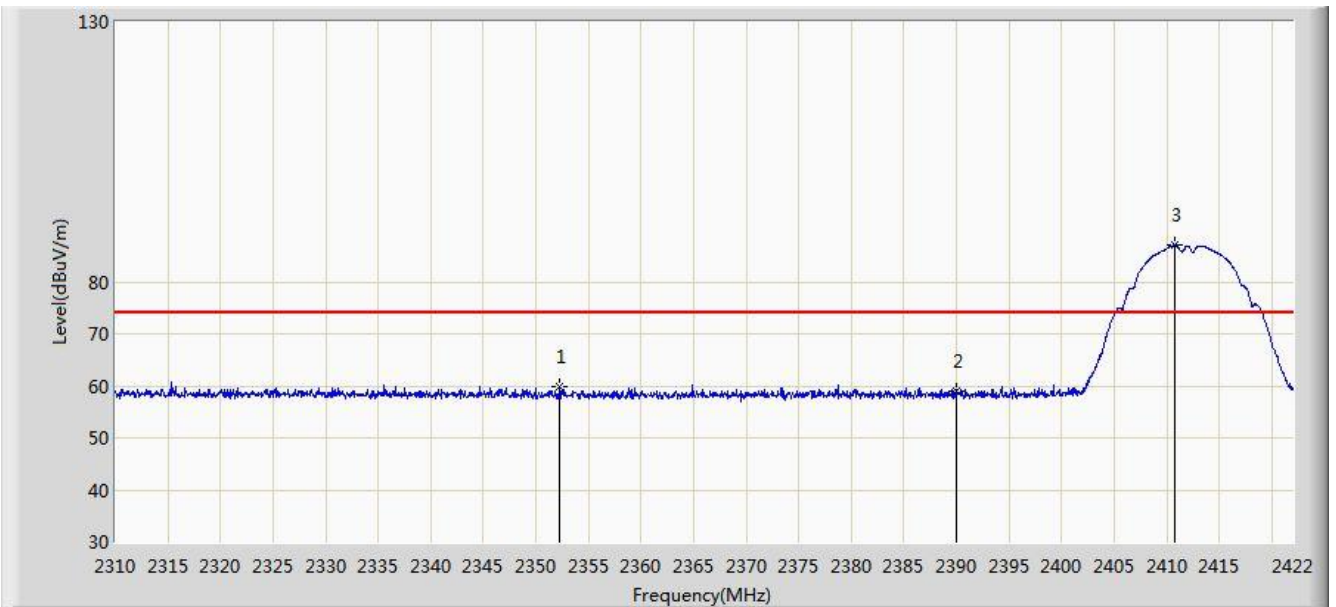
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.7.4.Test Setup



7.7.5.Test Result

Site: AC2	Time: 2019/08/28 - 01:17
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2412MHz	

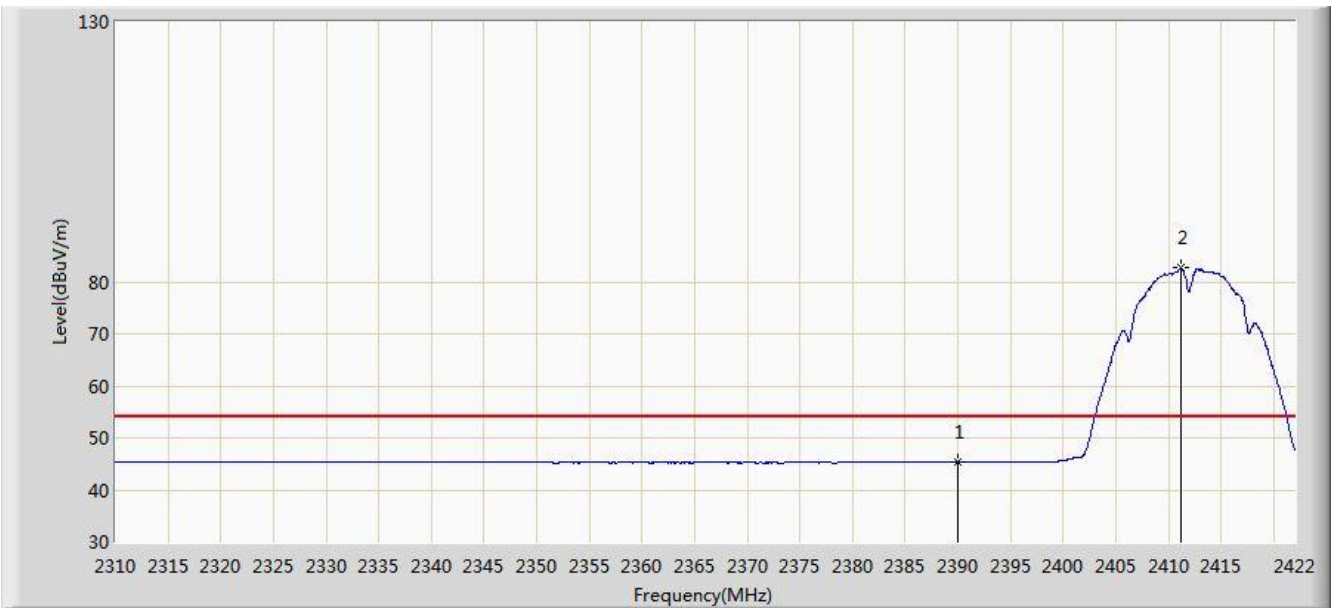


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.280	59.848	28.349	-14.152	74.000	31.499	PK
2			2390.000	59.039	27.590	-14.961	74.000	31.449	PK
3		*	2410.800	87.051	55.660	N/A	N/A	31.391	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 01:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2412MHz	

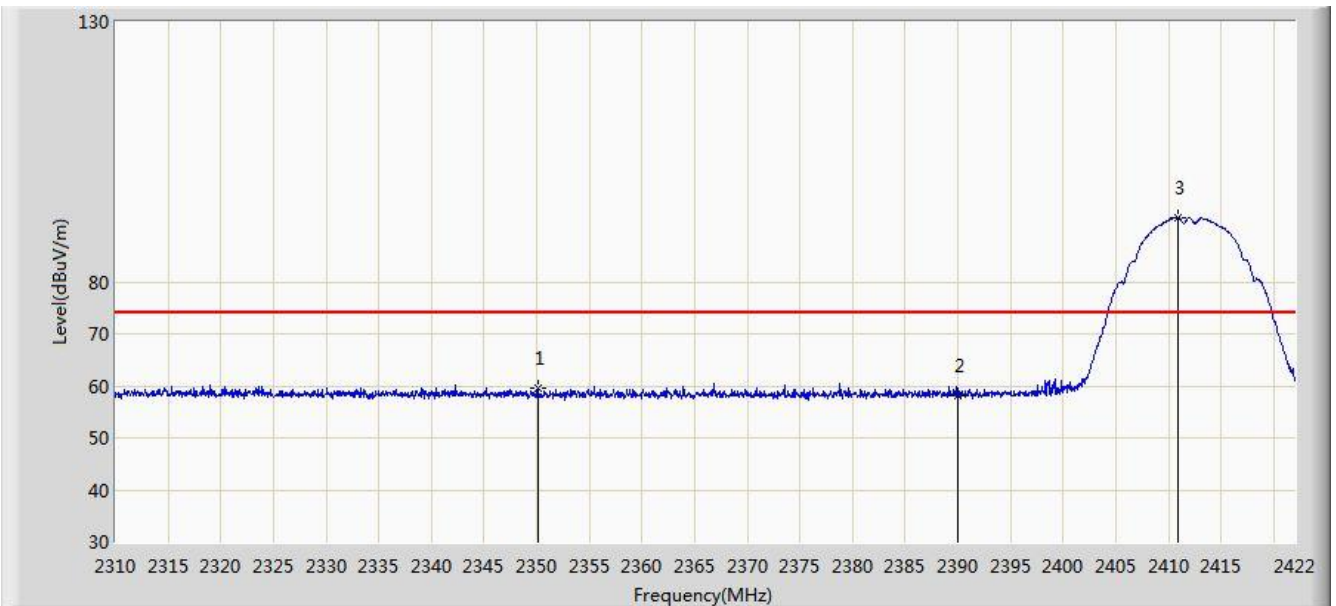


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.321	13.872	-8.679	54.000	31.449	AV
2		*	2411.192	82.647	51.257	N/A	N/A	31.390	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 01:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2412MHz	

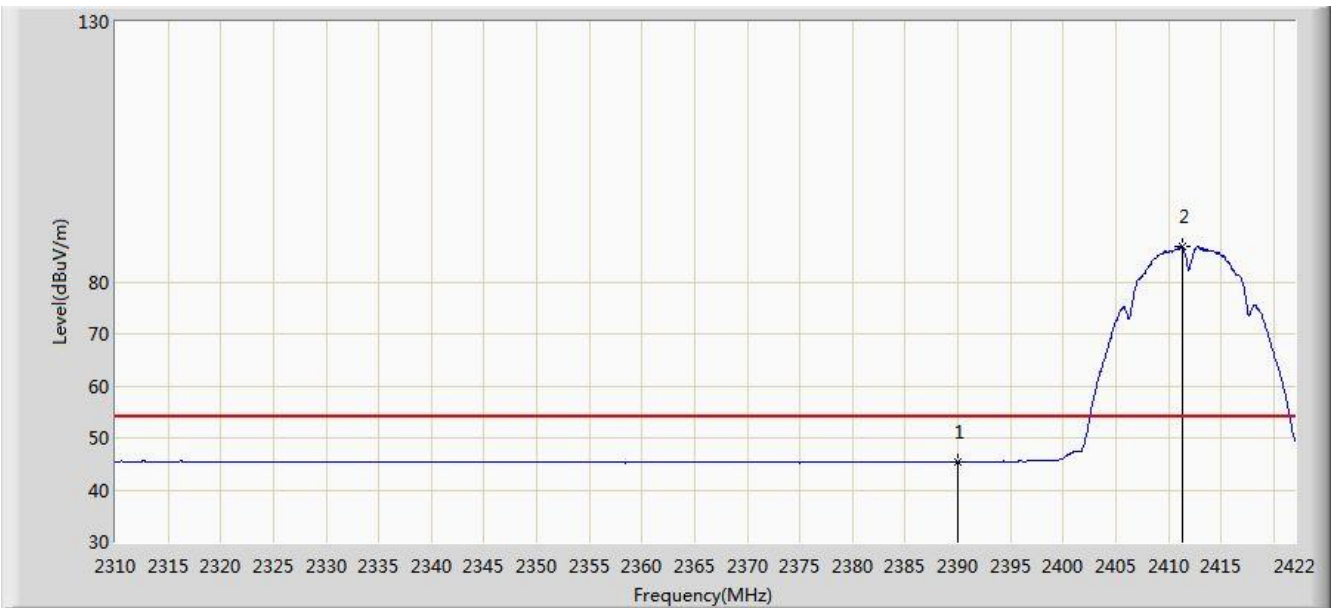


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2350.096	59.687	28.180	-14.313	74.000	31.507	PK
2			2390.000	58.205	26.756	-15.795	74.000	31.449	PK
3		*	2410.968	92.409	61.019	N/A	N/A	31.390	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 01:41
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2412MHz	

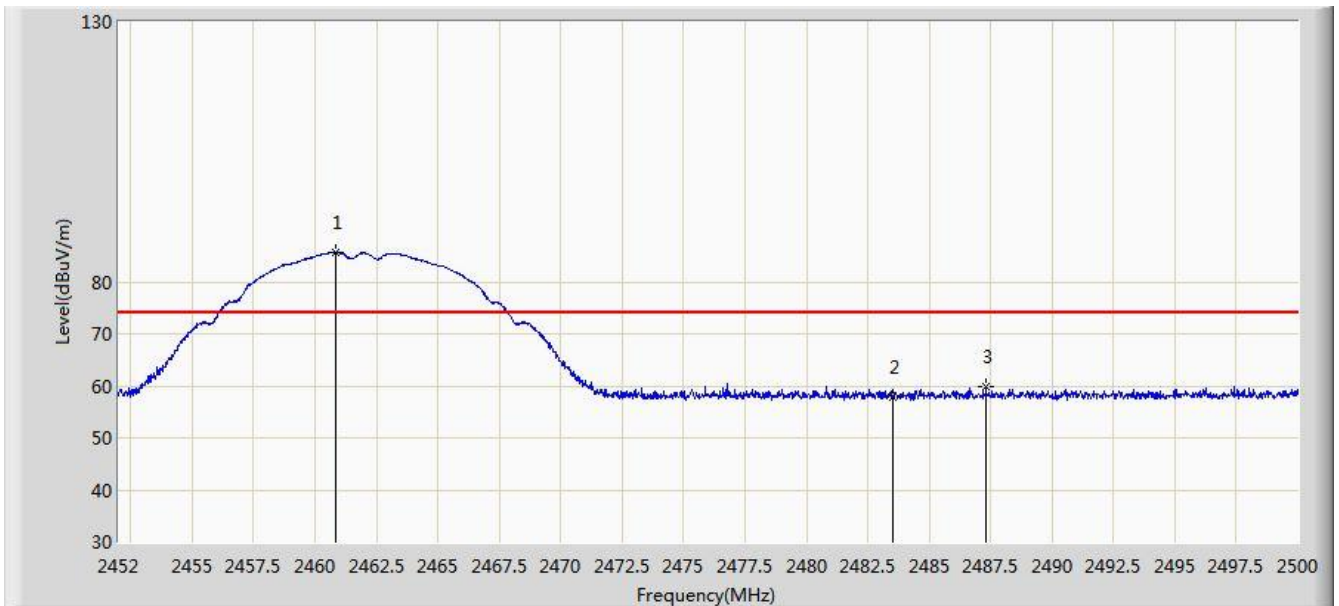


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.358	13.909	-8.642	54.000	31.449	AV
2		*	2411.304	86.850	55.460	N/A	N/A	31.390	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 01:59
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.856	85.642	54.297	N/A	N/A	31.344	PK
2			2483.500	57.934	26.531	-16.066	74.000	31.403	PK
3			2487.304	59.972	28.556	-14.028	74.000	31.415	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2462MHz	

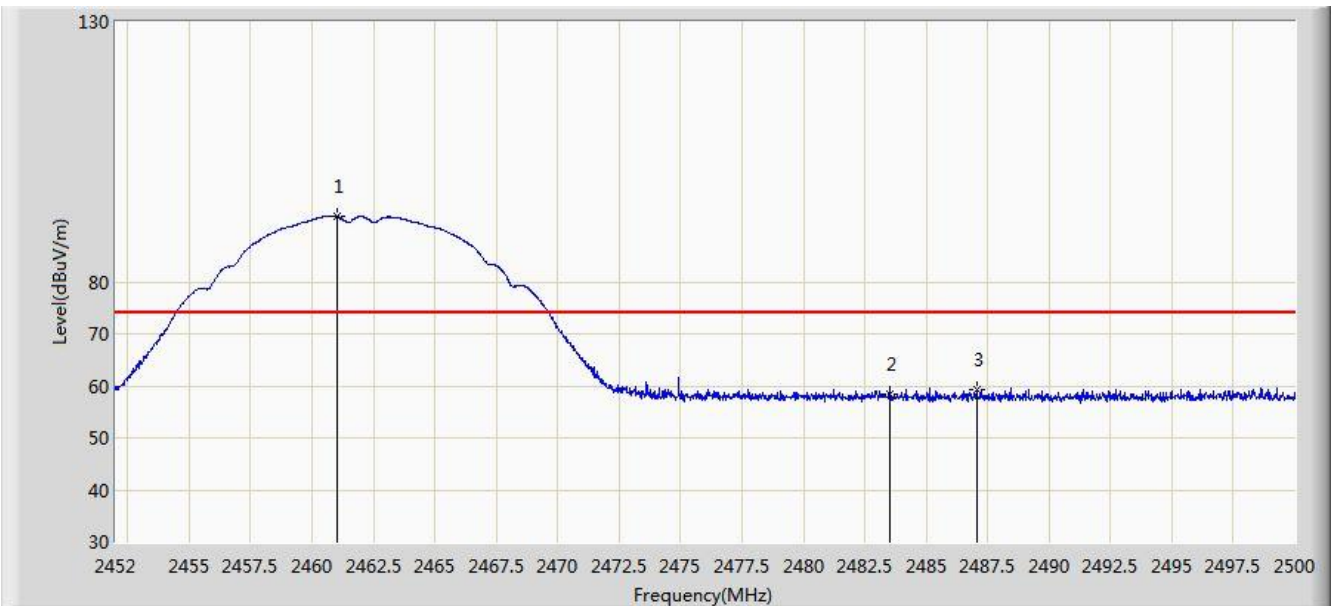


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.120	81.736	50.391	N/A	N/A	31.345	AV
2			2483.500	45.433	14.030	-8.567	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:03
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.000	92.623	61.278	N/A	N/A	31.344	PK
2			2483.500	58.465	27.062	-15.535	74.000	31.403	PK
3			2487.040	59.222	27.807	-14.778	74.000	31.415	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:03
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11b at channel 2462MHz	

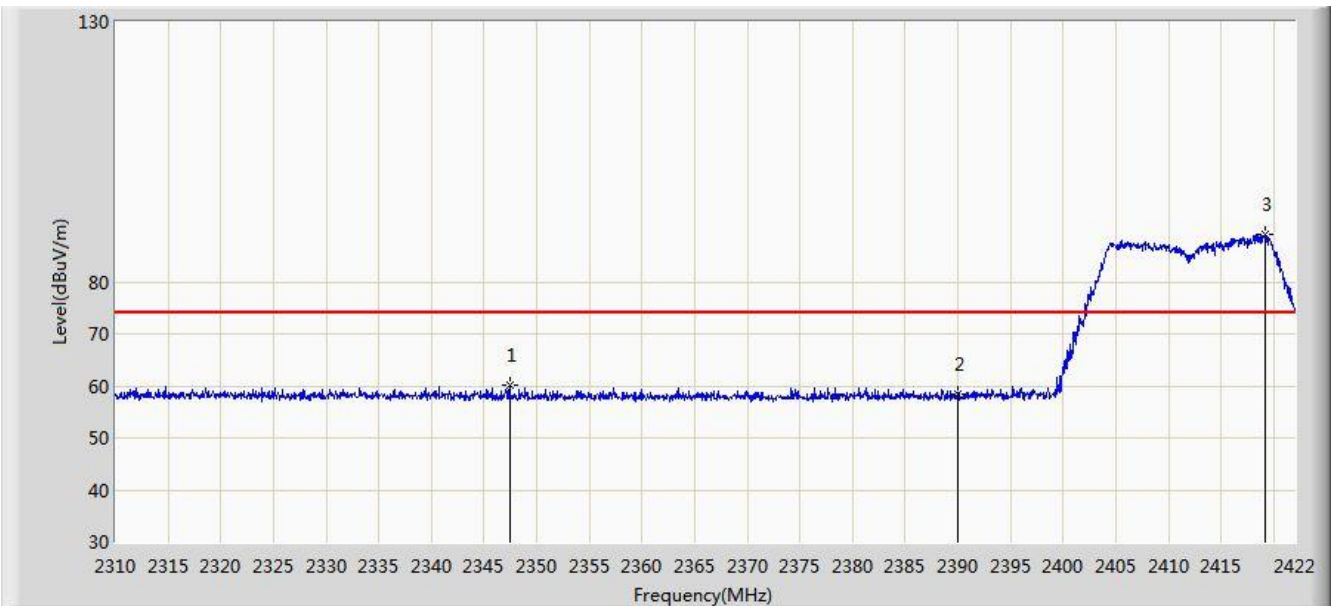


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	88.349	57.004	N/A	N/A	31.346	AV
2			2483.500	45.453	14.050	-8.547	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:04
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2412MHz	

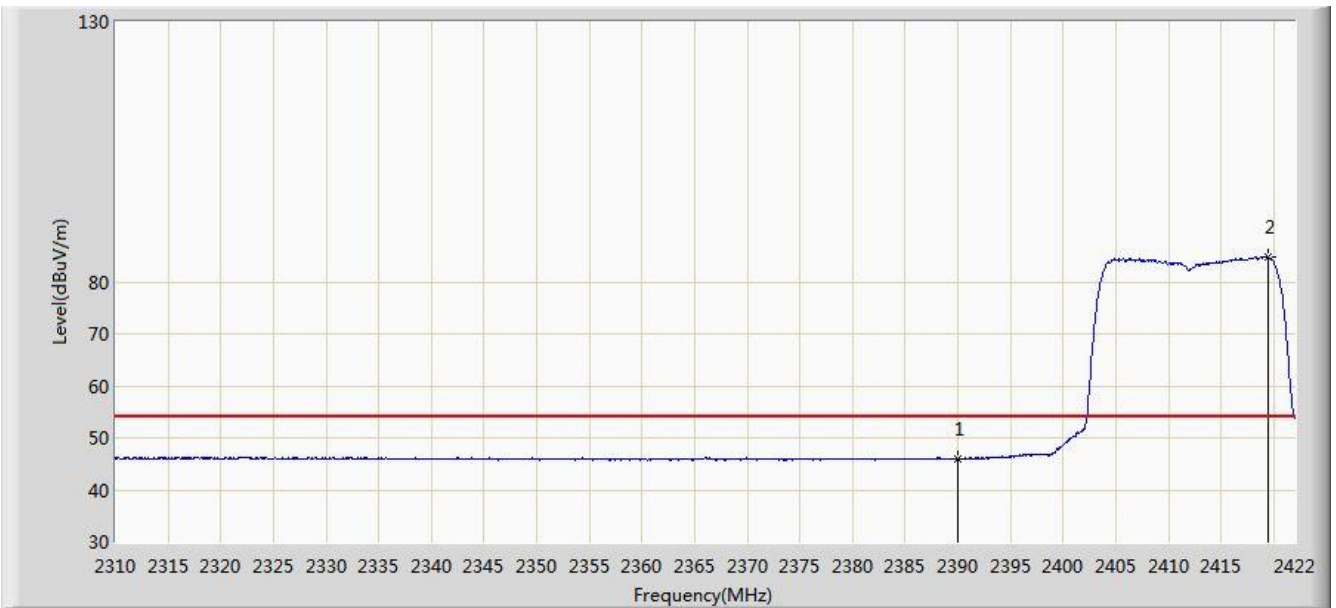


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2347.408	60.002	28.485	-13.998	74.000	31.517	PK
2			2390.000	58.316	26.867	-15.684	74.000	31.449	PK
3		*	2419.144	89.088	57.717	N/A	N/A	31.371	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:06
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2412MHz	

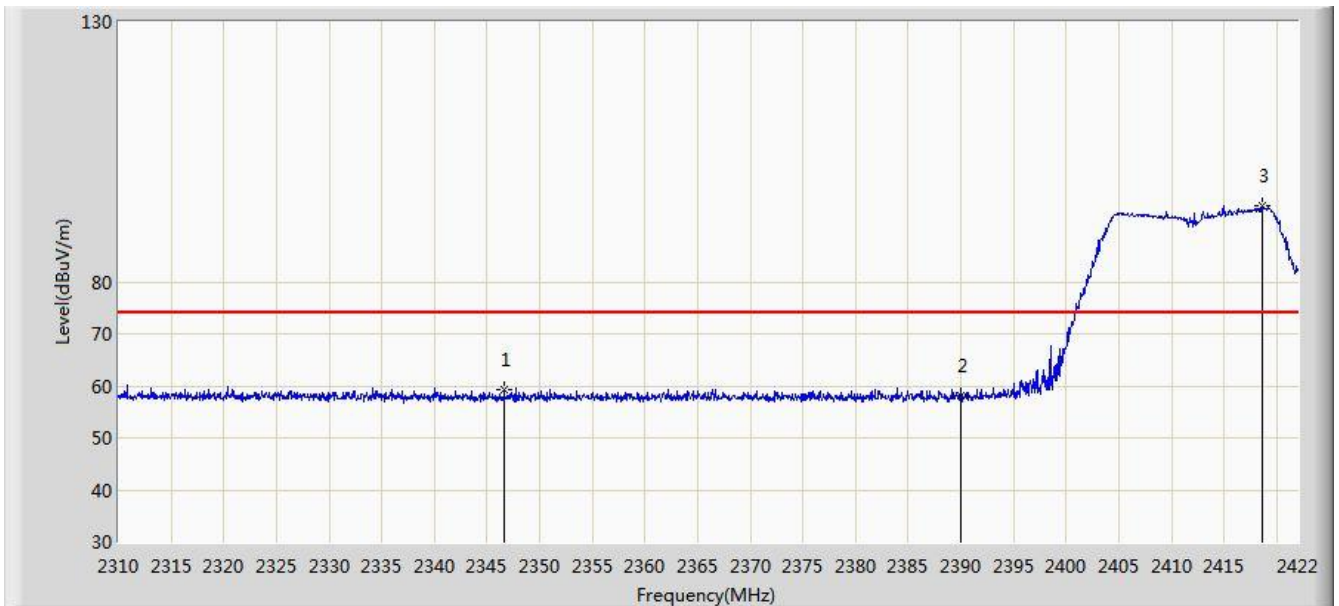


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.025	14.576	-7.975	54.000	31.449	AV
2		*	2419.536	84.838	53.468	N/A	N/A	31.370	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2412MHz	

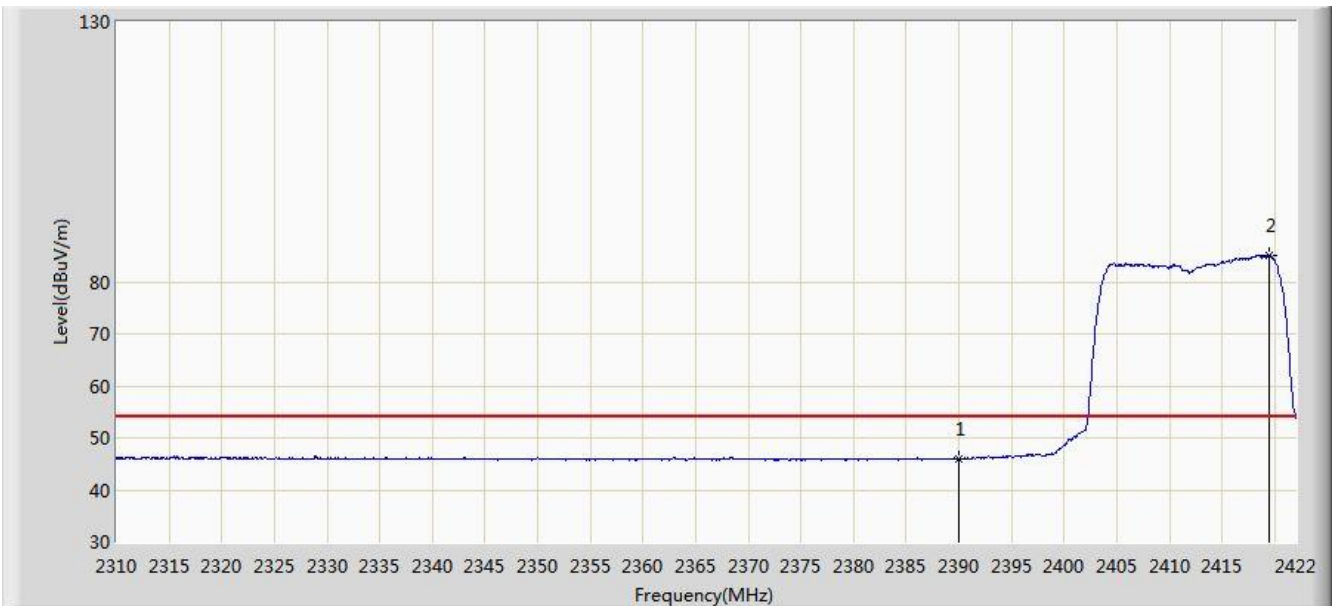


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2346.624	59.182	27.662	-14.818	74.000	31.521	PK
2			2390.000	58.046	26.597	-15.954	74.000	31.449	PK
3		*	2418.584	94.702	63.330	N/A	N/A	31.372	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2412MHz	

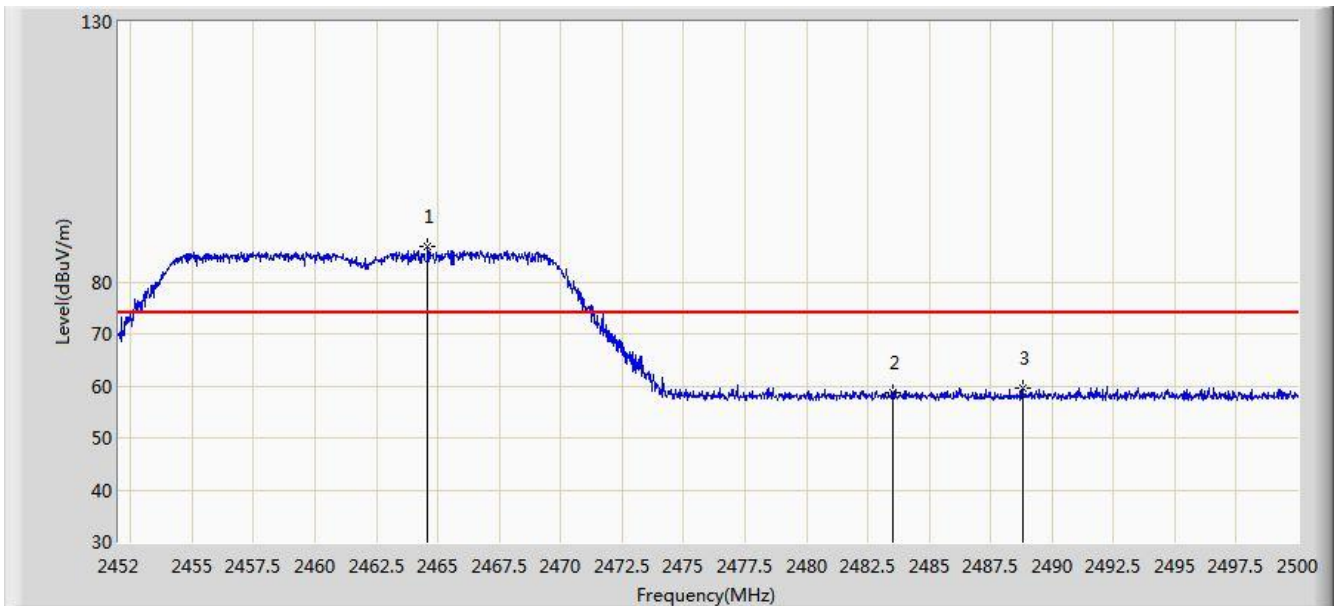


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.017	14.568	-7.983	54.000	31.449	AV
2		*	2419.536	85.192	53.822	N/A	N/A	31.370	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:10
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2462MHz	

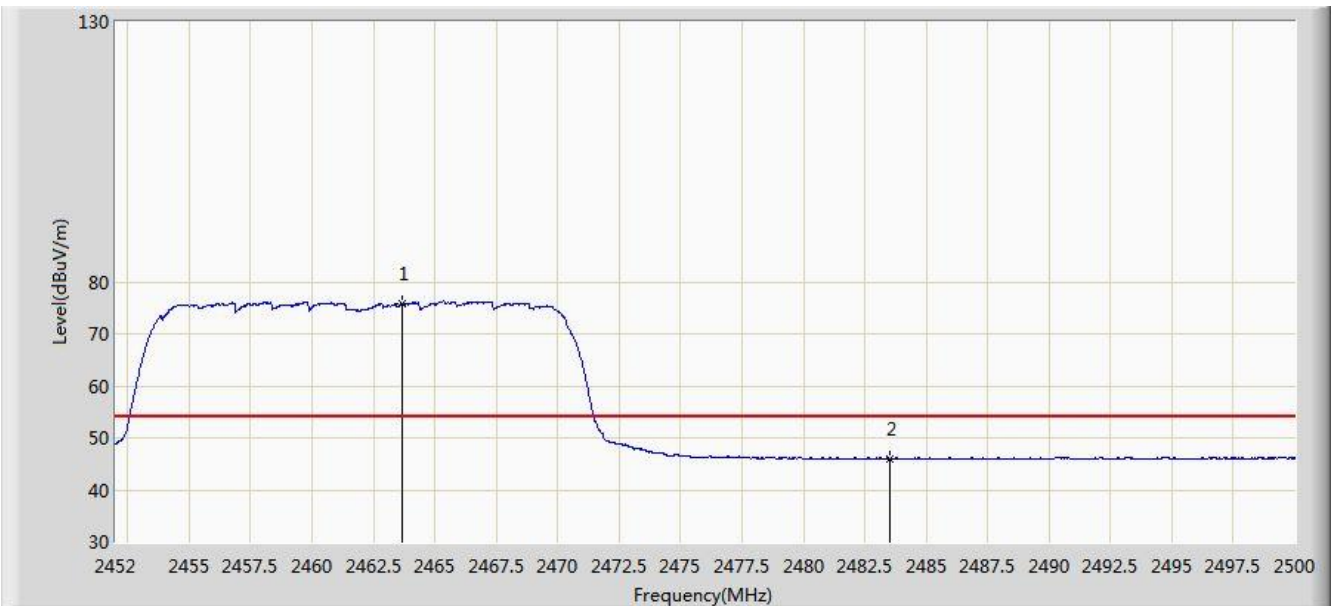


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.600	86.931	55.580	N/A	N/A	31.351	PK
2			2483.500	58.682	27.279	-15.318	74.000	31.403	PK
3			2488.816	59.698	28.277	-14.302	74.000	31.421	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:11
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2462MHz	

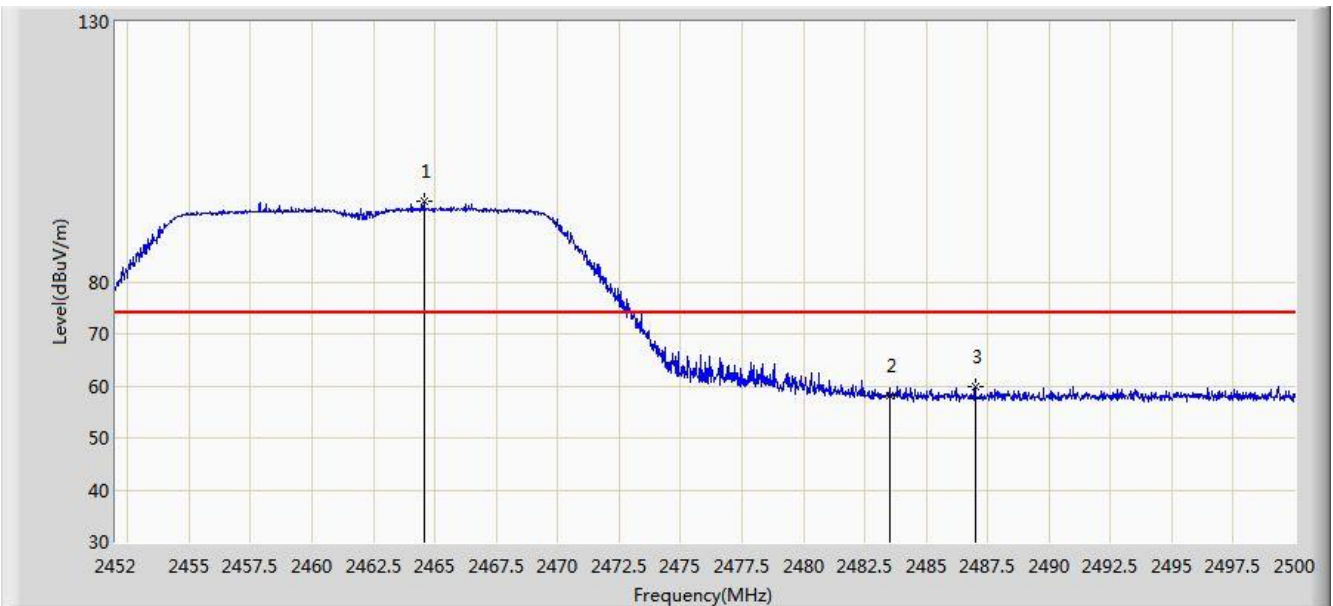


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.664	75.849	44.500	N/A	N/A	31.349	AV
2			2483.500	46.008	14.605	-7.992	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:12
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2462MHz	

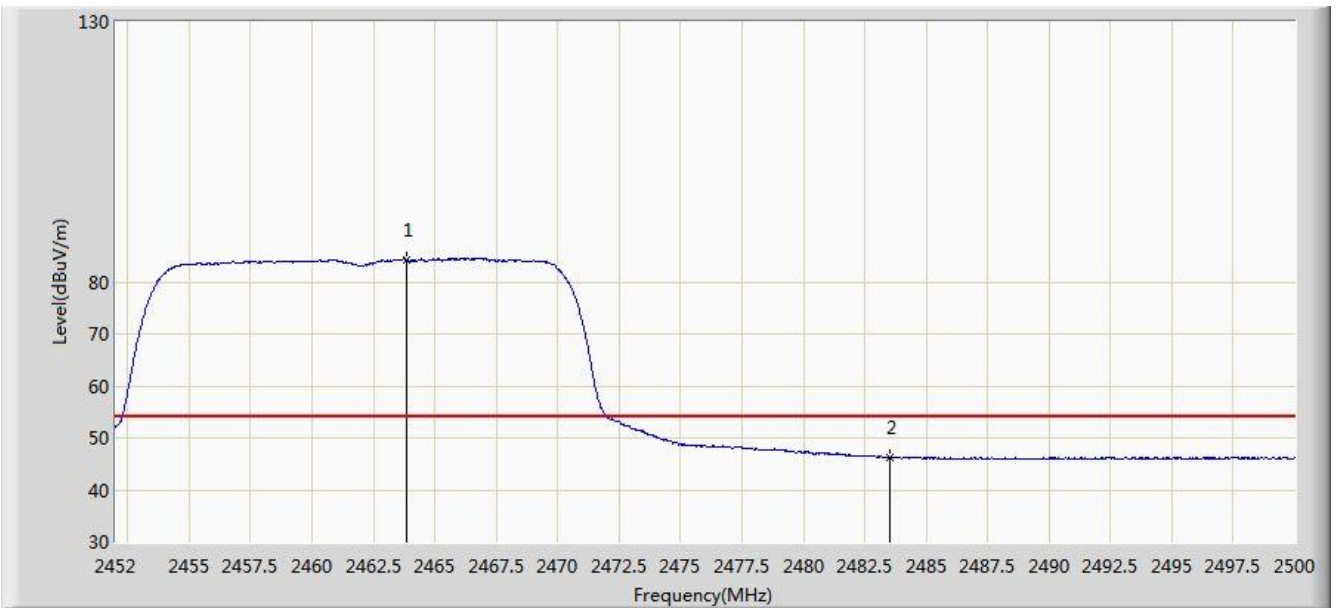


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.552	95.391	64.040	N/A	N/A	31.351	PK
2			2483.500	58.187	26.784	-15.813	74.000	31.403	PK
3			2486.992	59.745	28.330	-14.255	74.000	31.415	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:12
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11g at channel 2462MHz	

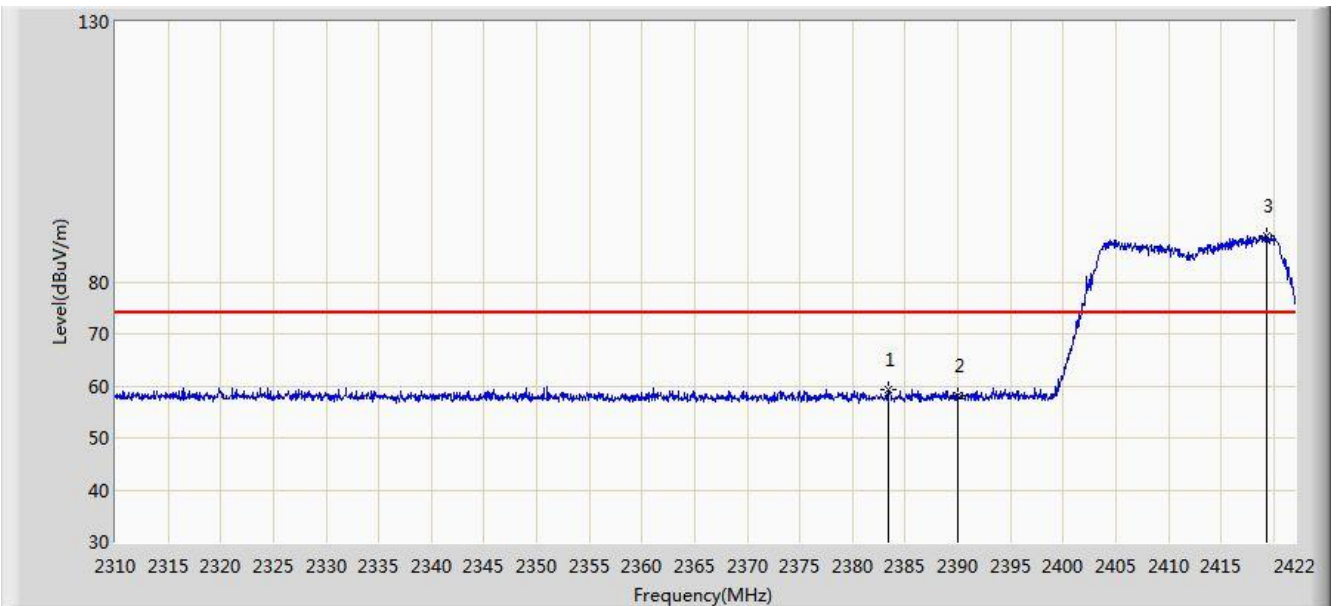


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.856	84.301	52.952	N/A	N/A	31.349	AV
2			2483.500	46.242	14.839	-7.758	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

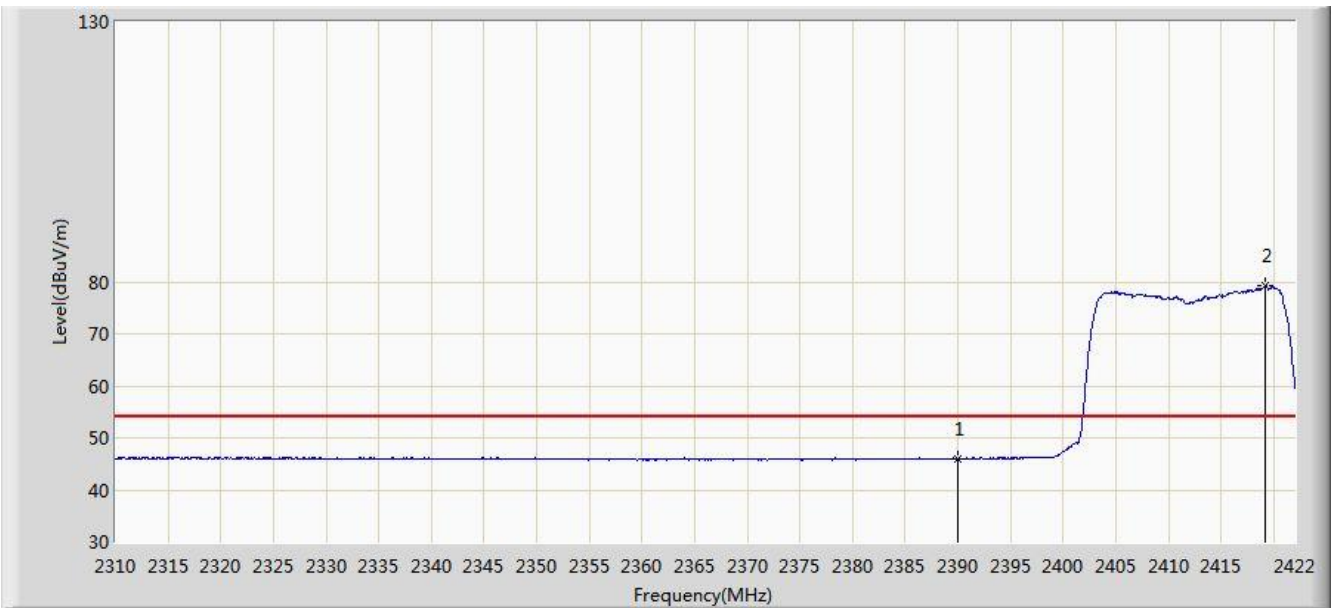


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.472	59.388	27.940	-14.612	74.000	31.448	PK
2			2390.000	58.207	26.758	-15.793	74.000	31.449	PK
3		*	2419.312	88.864	57.493	N/A	N/A	31.371	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:15
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

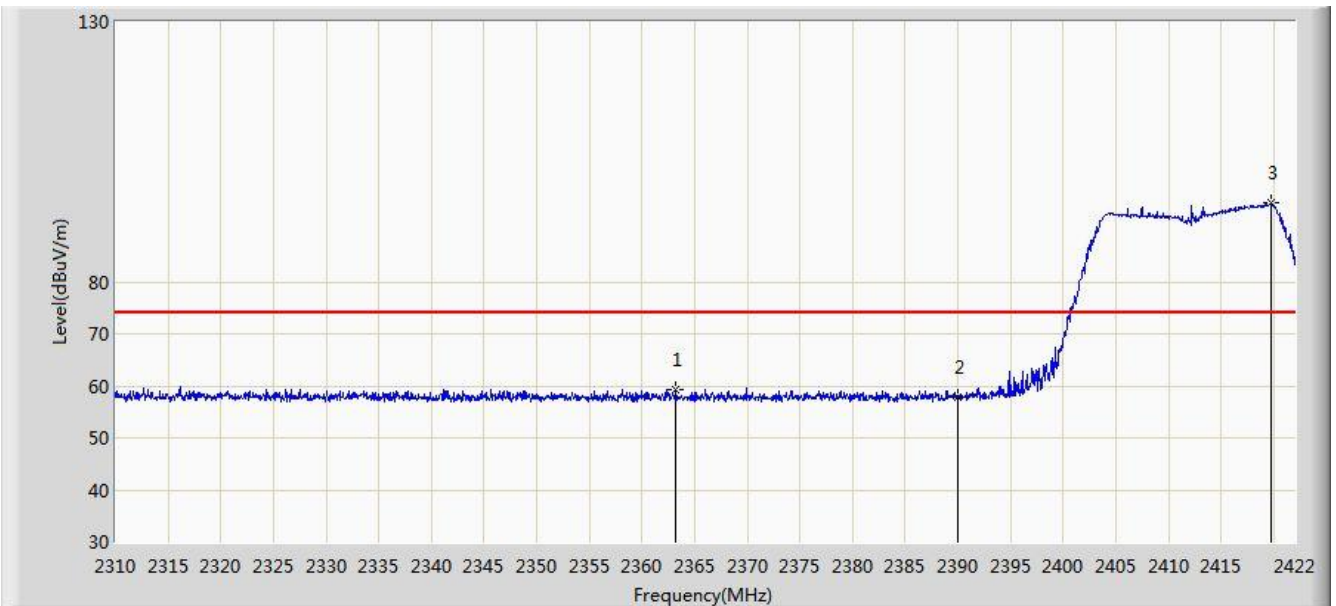


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.966	14.517	-8.034	54.000	31.449	AV
2		*	2419.200	79.314	47.943	N/A	N/A	31.371	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:17
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

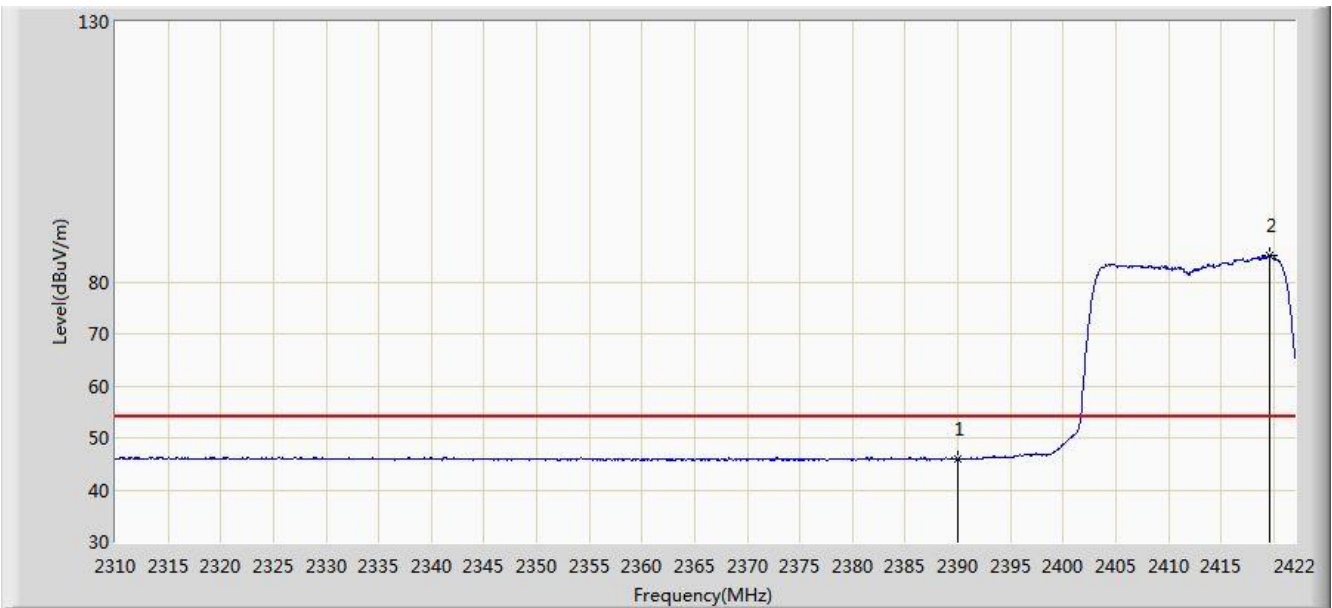


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2363.200	59.420	27.951	-14.580	74.000	31.468	PK
2			2390.000	57.956	26.507	-16.044	74.000	31.449	PK
3		*	2419.816	95.294	63.925	N/A	N/A	31.369	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:17
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

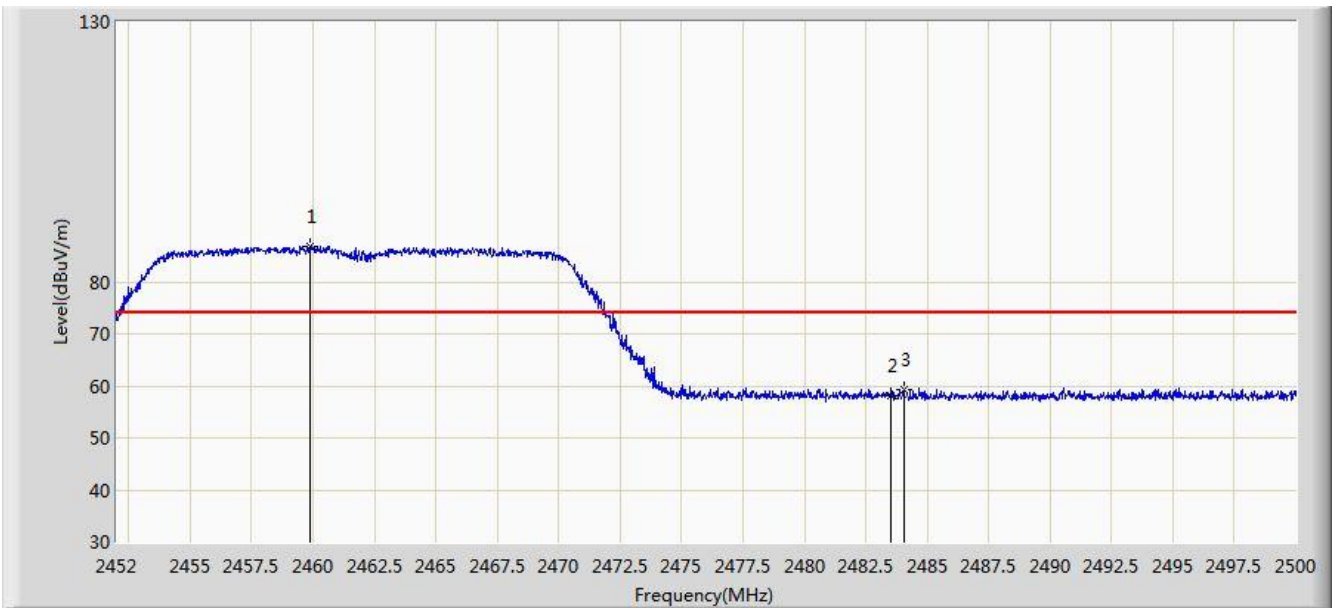


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.902	14.453	-8.098	54.000	31.449	AV
2		*	2419.648	85.136	53.766	N/A	N/A	31.370	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

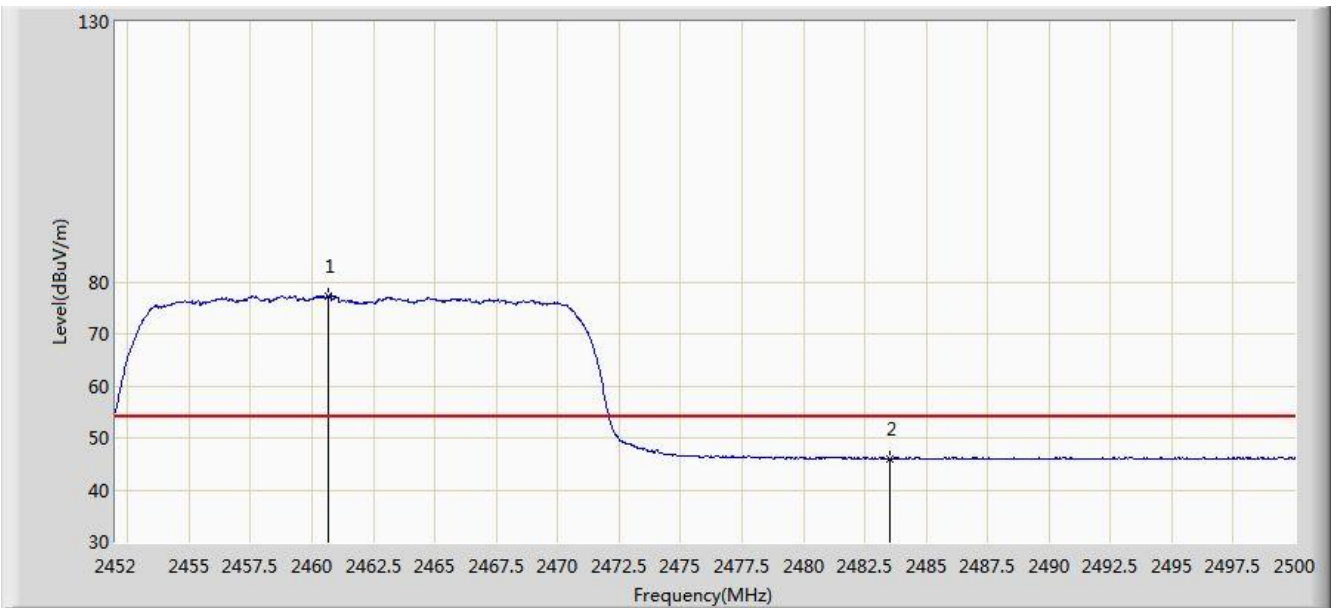


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.872	86.694	55.351	N/A	N/A	31.343	PK
2			2483.500	58.139	26.736	-15.861	74.000	31.403	PK
3			2484.040	59.405	28.000	-14.595	74.000	31.405	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:20
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

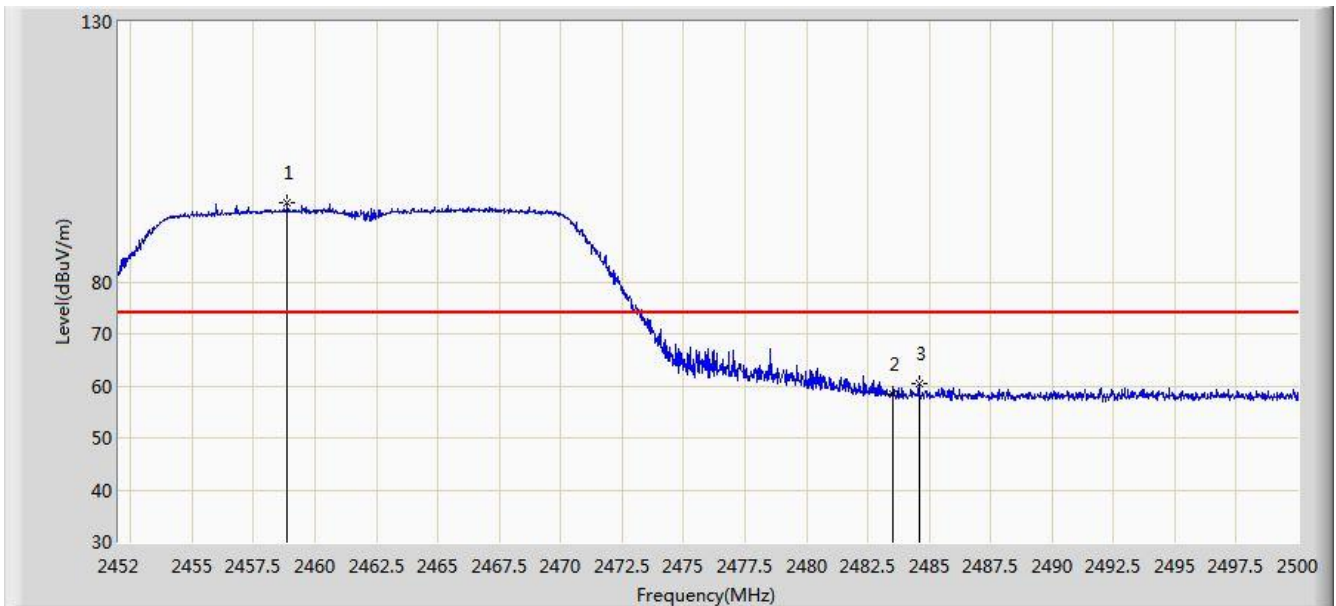


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.688	77.363	46.019	N/A	N/A	31.344	AV
2			2483.500	46.031	14.628	-7.969	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:21
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

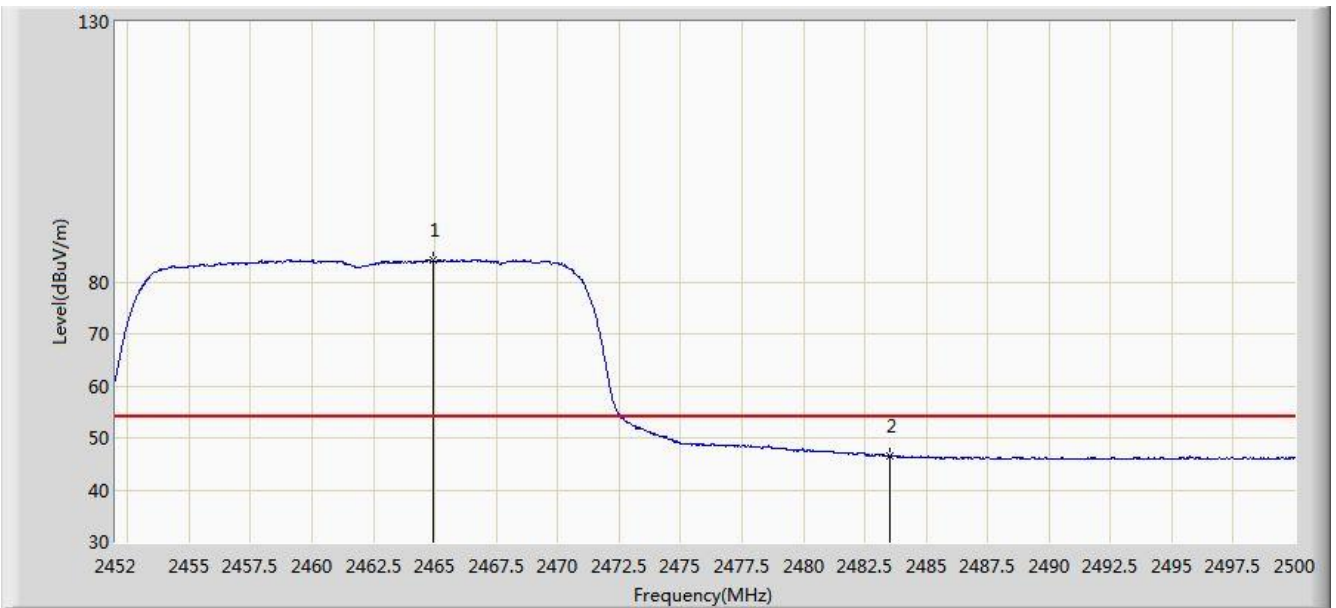


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.864	95.330	63.988	N/A	N/A	31.342	PK
2			2483.500	58.311	26.908	-15.689	74.000	31.403	PK
3			2484.592	60.324	28.918	-13.676	74.000	31.407	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:21
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

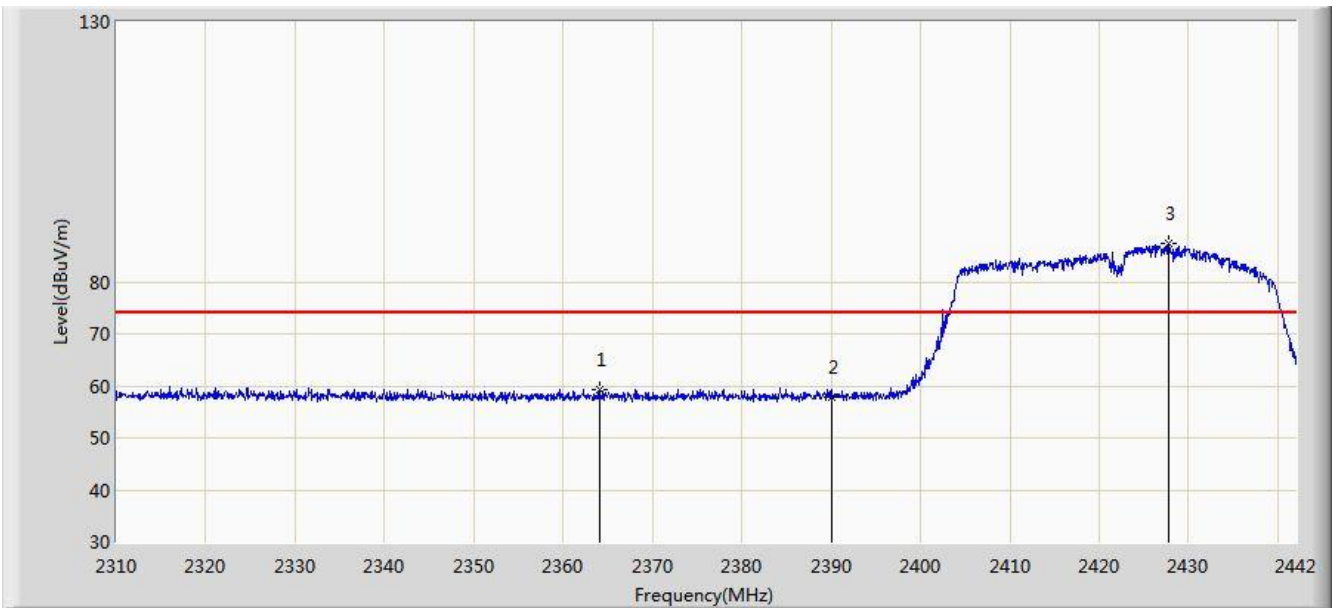


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.936	84.223	52.871	N/A	N/A	31.352	AV
2			2483.500	46.424	15.021	-7.576	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:23
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

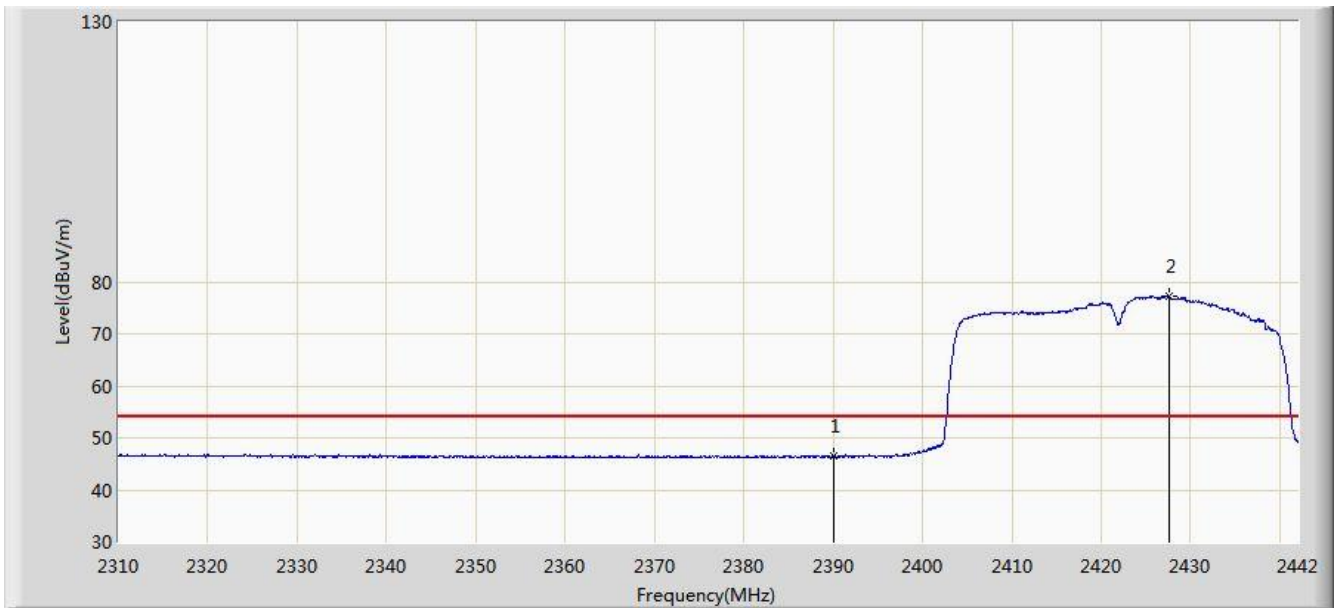


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2364.054	59.178	27.711	-14.822	74.000	31.467	PK
2			2390.000	57.683	26.234	-16.317	74.000	31.449	PK
3		*	2427.744	87.535	56.184	N/A	N/A	31.351	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

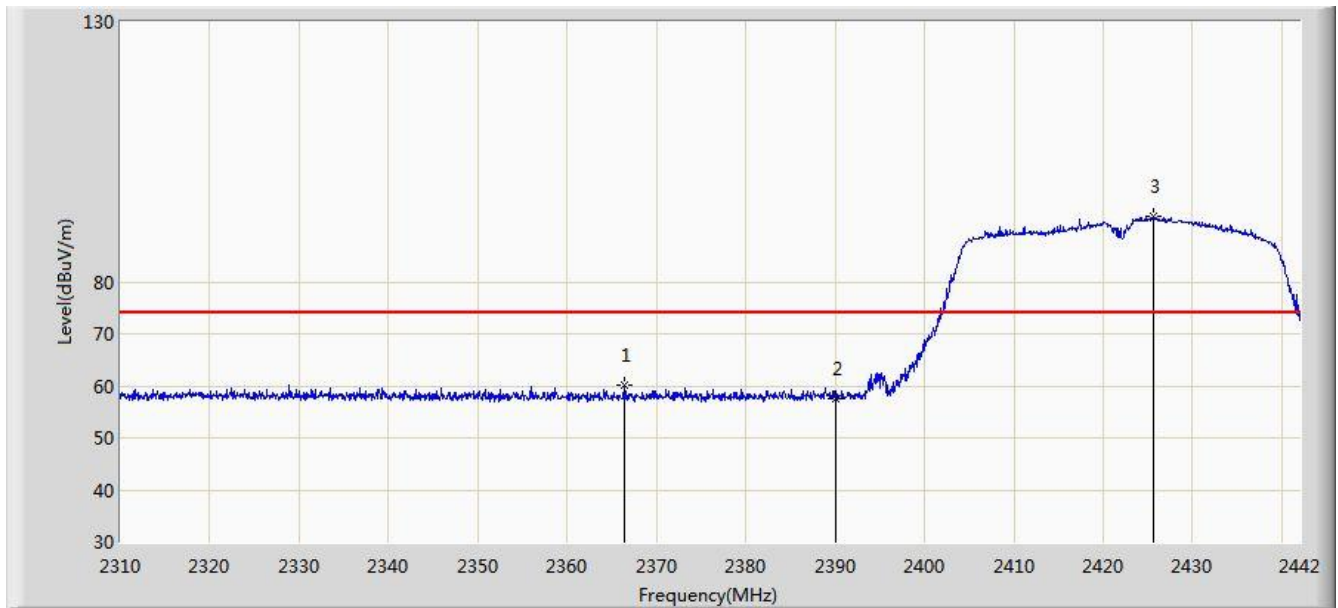


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.443	14.994	-7.557	54.000	31.449	AV
2		*	2427.612	77.183	45.832	N/A	N/A	31.351	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

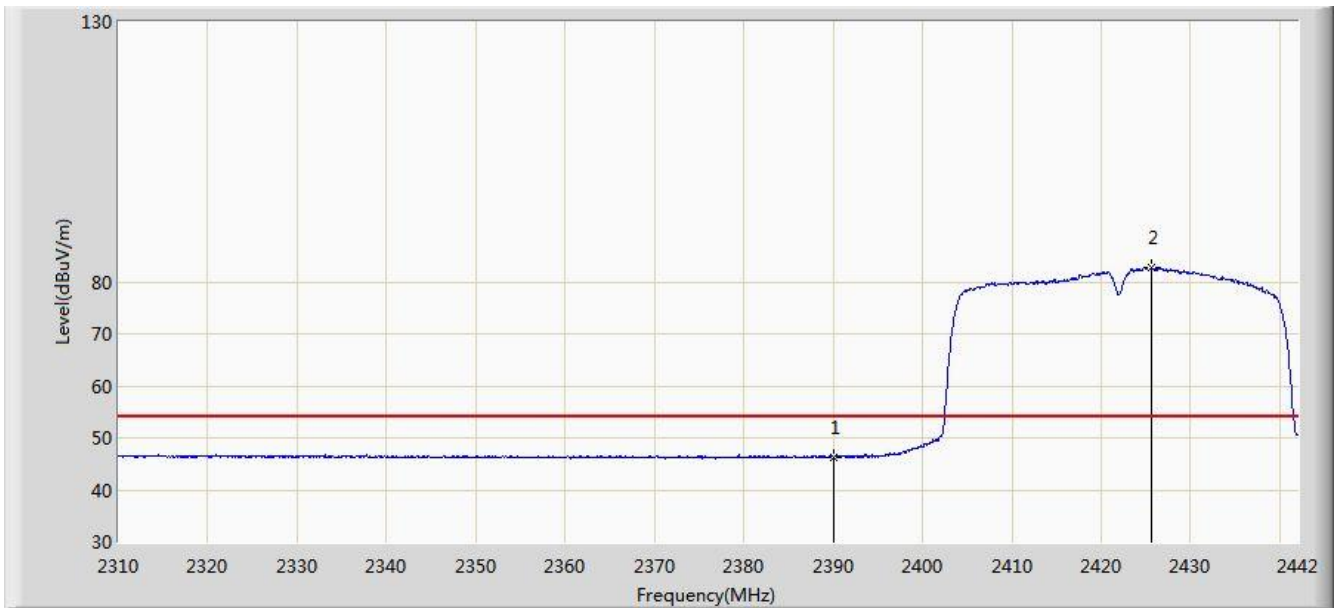


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2366.364	60.159	28.695	-13.841	74.000	31.463	PK
2			2390.000	57.589	26.140	-16.411	74.000	31.449	PK
3		*	2425.566	92.563	61.207	N/A	N/A	31.356	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

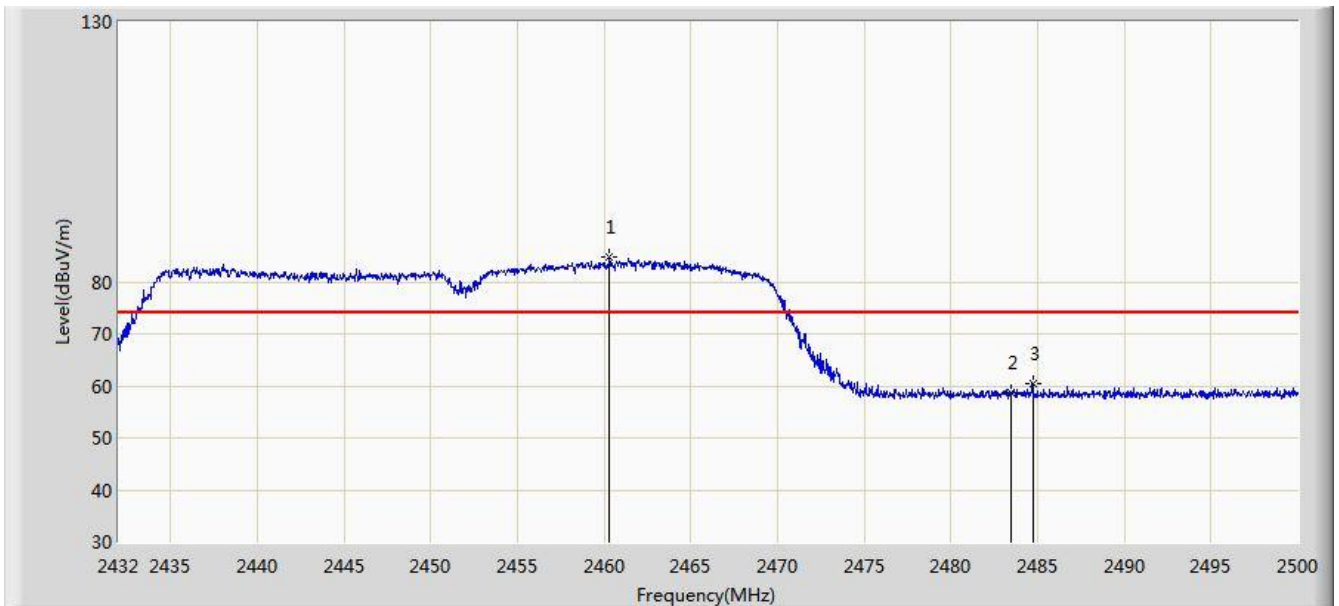


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.278	14.829	-7.722	54.000	31.449	AV
2		*	2425.566	82.696	51.340	N/A	N/A	31.356	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz	

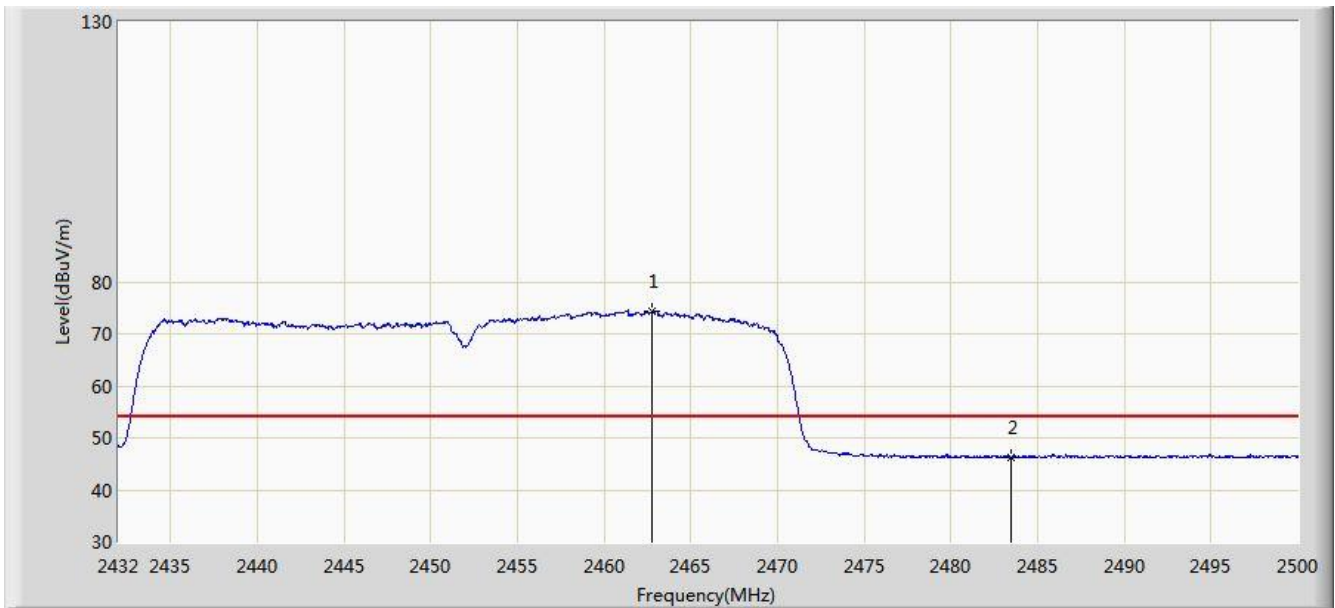


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.322	84.680	53.336	N/A	N/A	31.344	PK
2			2483.500	58.554	27.151	-15.446	74.000	31.403	PK
3			2484.734	60.429	29.022	-13.571	74.000	31.407	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz	

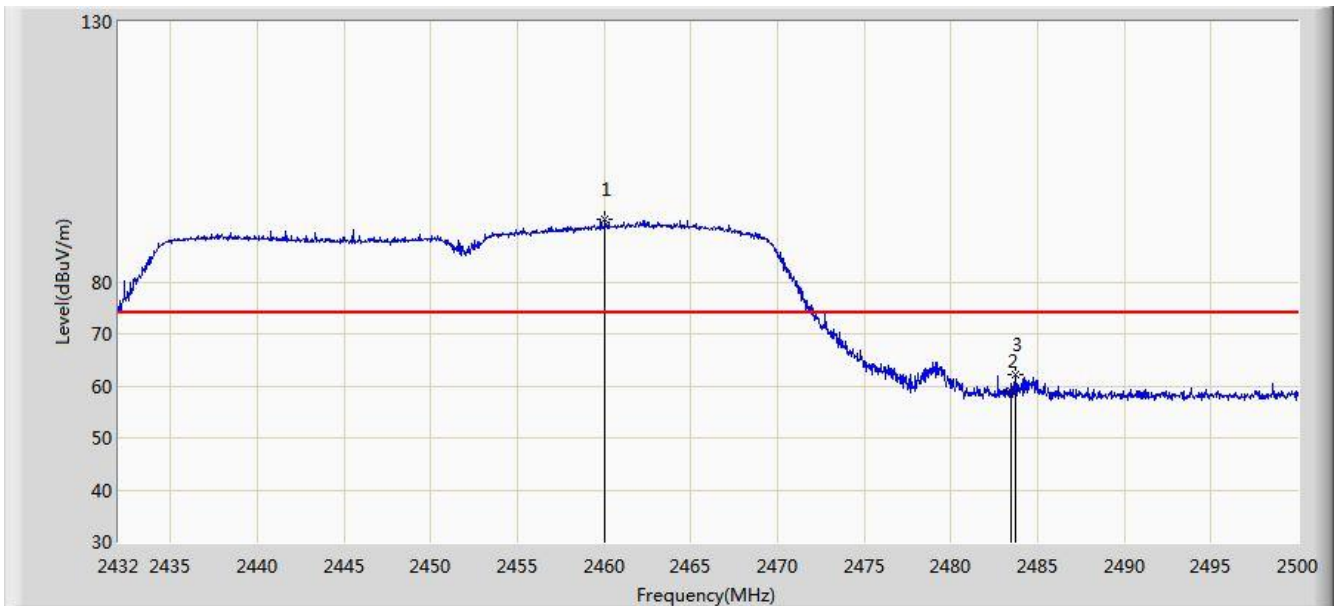


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.770	74.386	43.038	N/A	N/A	31.348	AV
2			2483.500	46.278	14.875	-7.722	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:39
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT50 at channel 2452MHz	

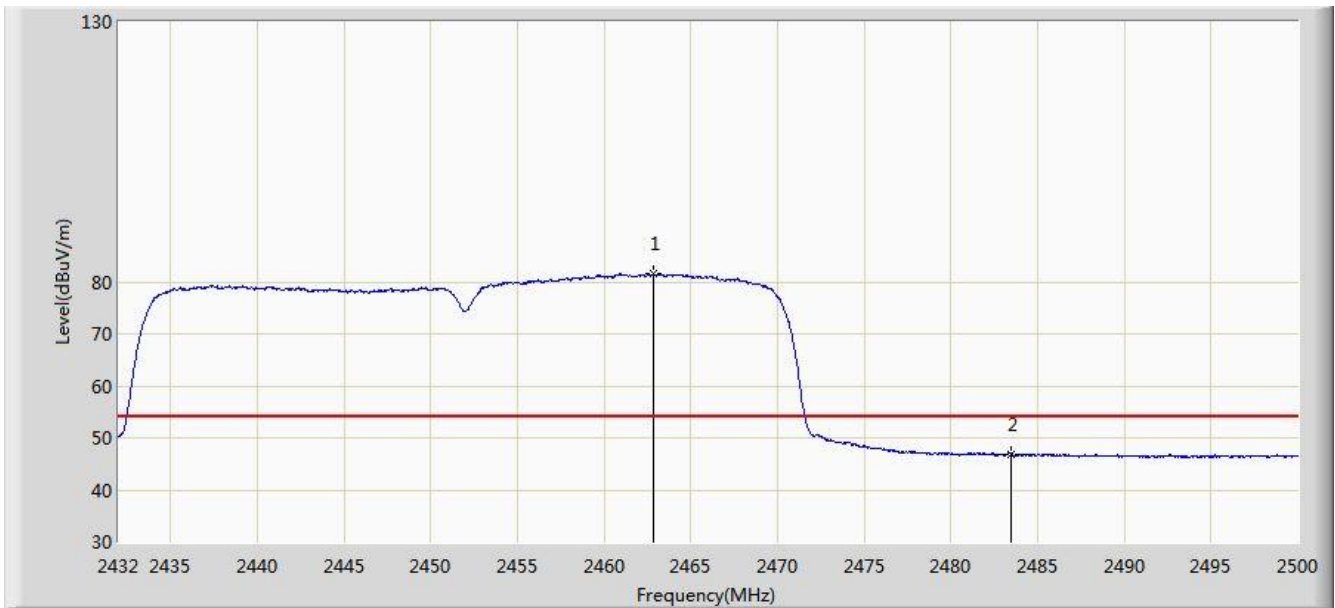


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.050	91.964	60.621	N/A	N/A	31.344	PK
2			2483.500	59.130	27.727	-14.870	74.000	31.403	PK
3			2483.714	62.177	30.774	-11.823	74.000	31.403	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2019/08/28 - 02:39
Limit: FCC_Part 15.209_RE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SmartLink TPMS Tablet	Power: By Battery
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.838	81.451	50.103	N/A	N/A	31.348	AV
2			2483.500	46.844	15.441	-7.156	54.000	31.403	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.8. AC Conducted Emissions Measurement

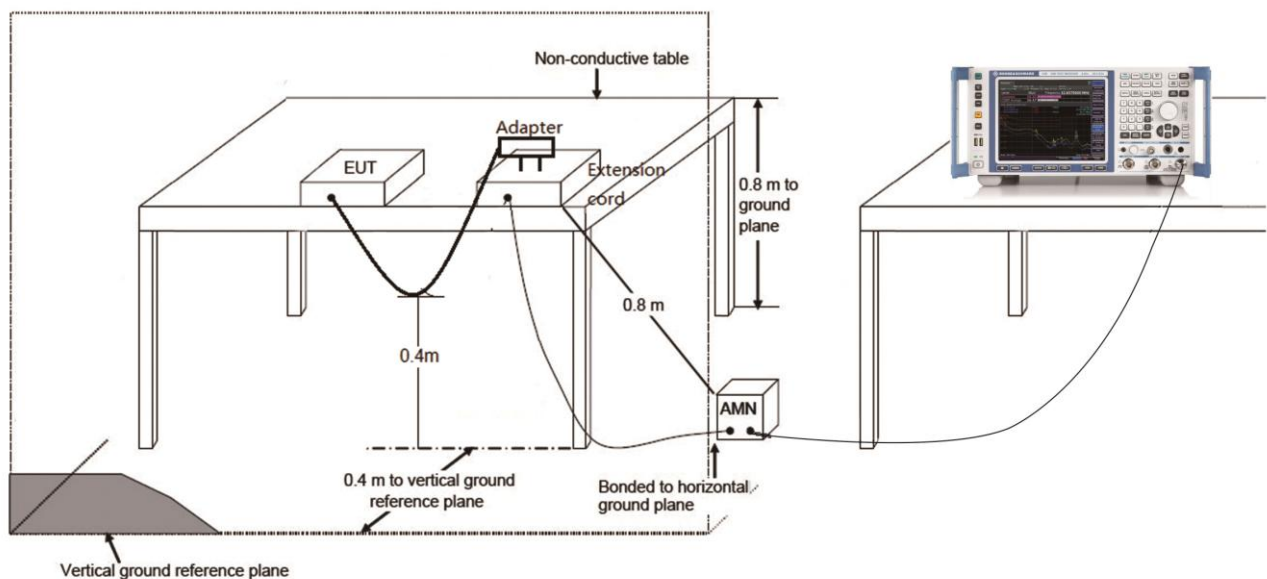
7.8.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

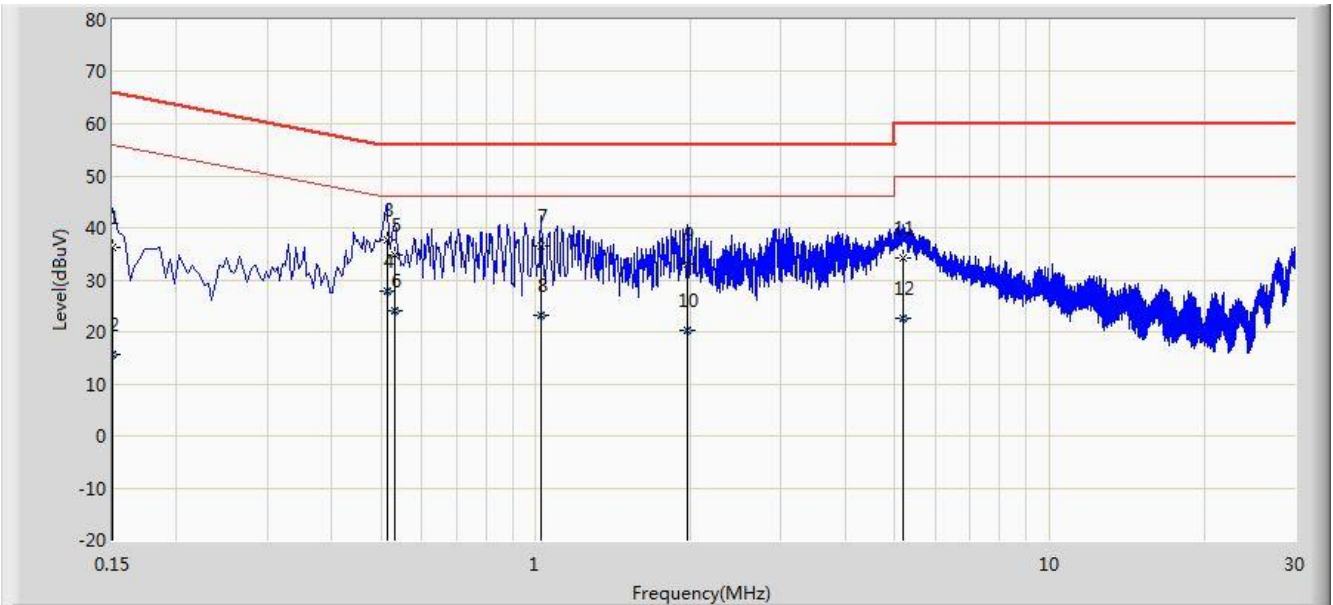
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3.Test Result

Site: SR2	Time: 2019/09/24 - 17:08
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: SmartLink TPMS Tablet	Power: AC 120V/60Hz
Test Mode 1	

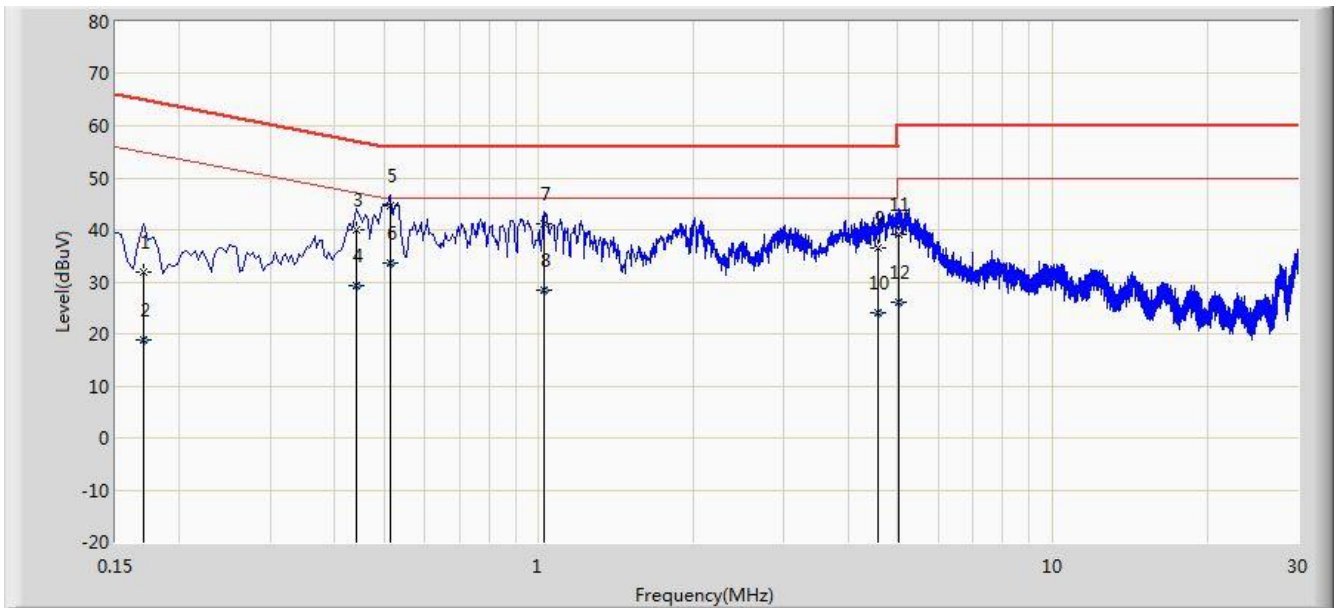


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	36.147	24.978	-29.853	66.000	11.168	QP
2			0.150	15.646	4.478	-40.354	56.000	11.168	AV
3			0.514	37.681	27.525	-18.319	56.000	10.156	QP
4		*	0.514	27.762	17.606	-18.238	46.000	10.156	AV
5			0.530	34.650	24.499	-21.350	56.000	10.151	QP
6			0.530	23.995	13.844	-22.005	46.000	10.151	AV
7			1.022	36.451	26.543	-19.549	56.000	9.908	QP
8			1.022	23.199	13.291	-22.801	46.000	9.908	AV
9			1.978	33.102	23.231	-22.898	56.000	9.871	QP
10			1.978	20.359	10.488	-25.641	46.000	9.871	AV
11			5.178	34.126	24.080	-25.874	60.000	10.046	QP
12			5.178	22.733	12.687	-27.267	50.000	10.046	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2019/09/24 - 17:03
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: SmartLink TPMS Tablet	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.170	31.919	21.855	-33.041	64.960	10.064	QP
2			0.170	18.739	8.675	-36.221	54.960	10.064	AV
3			0.442	40.109	29.966	-16.915	57.024	10.144	QP
4			0.442	29.241	19.097	-17.783	47.024	10.144	AV
5		*	0.514	44.514	34.338	-11.486	56.000	10.176	QP
6			0.514	33.634	23.458	-12.366	46.000	10.176	AV
7			1.026	41.095	31.187	-14.905	56.000	9.908	QP
8			1.026	28.419	18.511	-17.581	46.000	9.908	AV
9			4.582	36.452	26.447	-19.548	56.000	10.005	QP
10			4.582	23.982	13.977	-22.018	46.000	10.005	AV
11			5.010	39.267	29.226	-20.733	60.000	10.041	QP
12			5.010	26.049	16.008	-23.951	50.000	10.041	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that unit is in compliance with Part 15C of the FCC rules and ISED rules.

The End

Appendix A - Test Setup Photograph

Refer to "1908RSU022-UT" file.

Appendix B - EUT Photograph

Refer to "1908RSU022-UE" file.